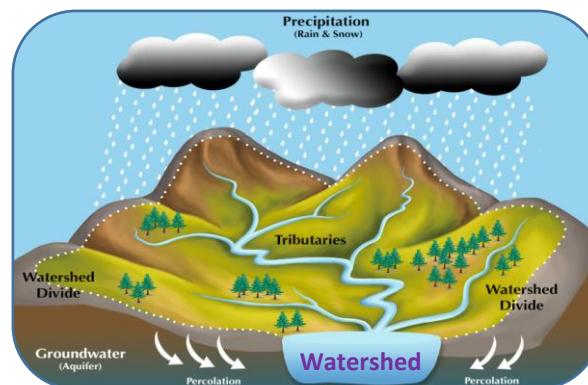


Government of Telangana – Forest Department



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



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

**Circle: Basara
District: Jagtial
Division: Jagtial**

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

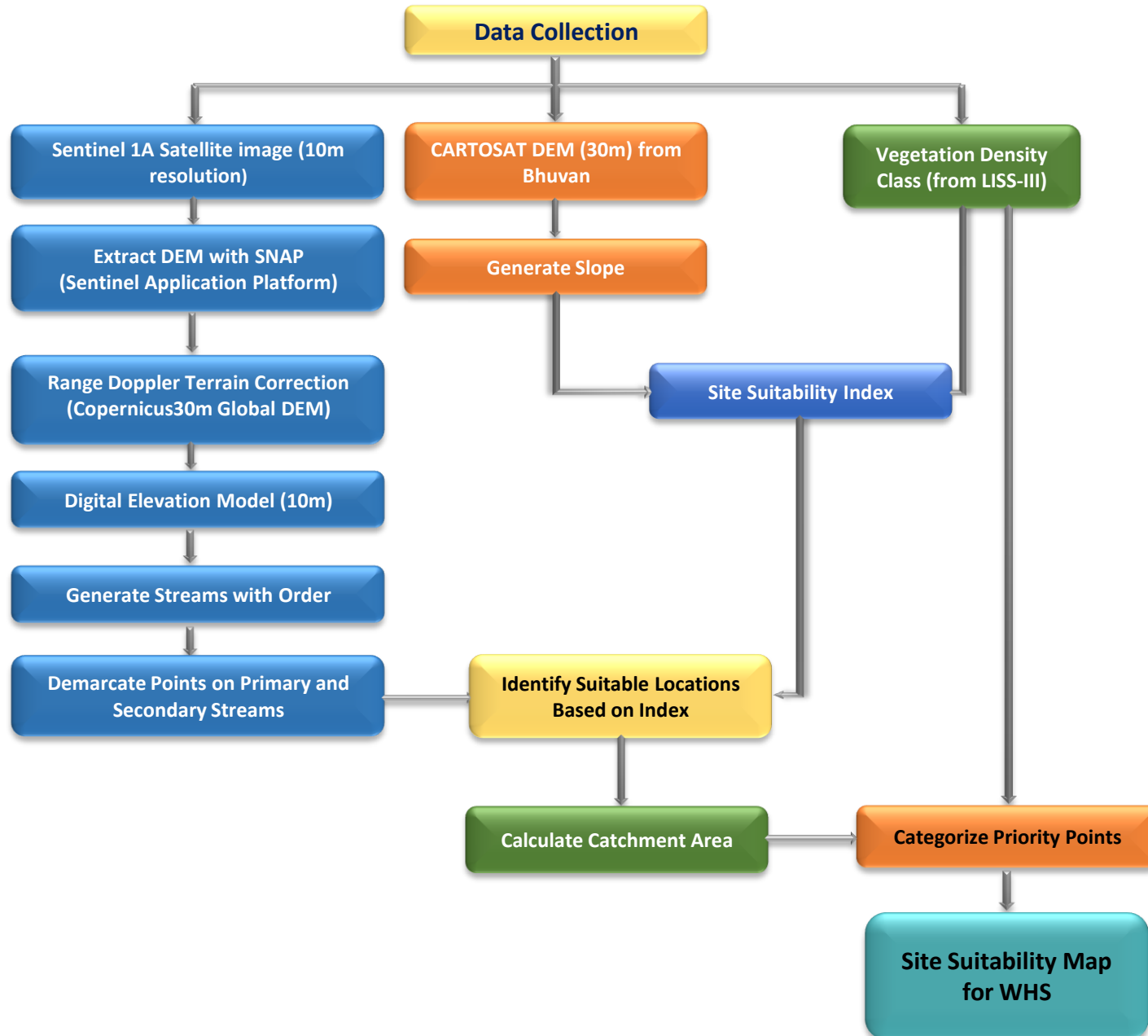
METHODOLOGY

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

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



FLOW CHART FOR METHODOLOGY



Guidelines for building Percolation Tanks:

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



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

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

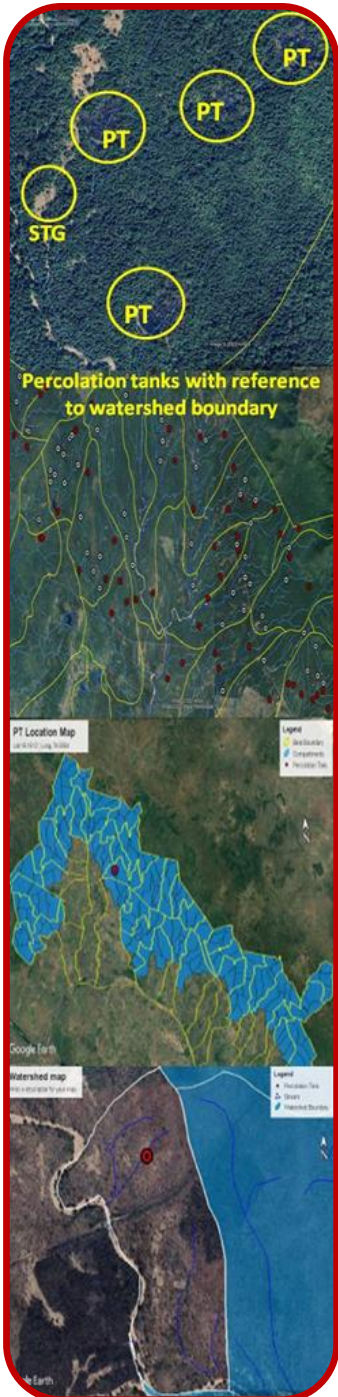
Suitability criteria for Continuous/Staggered contour trenches

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



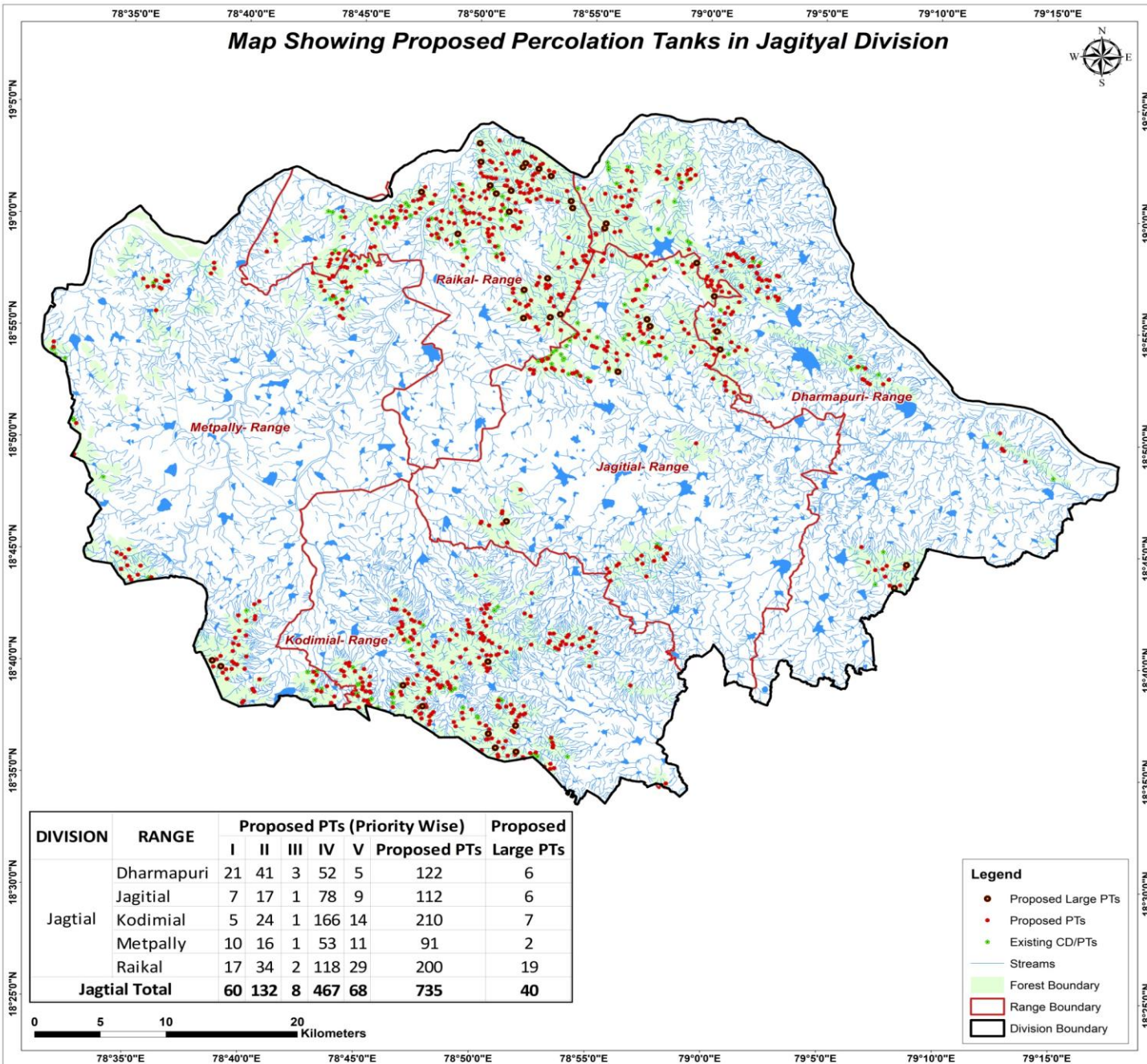
PRIORITY CLASSES FOR PERCOLATION TANK

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

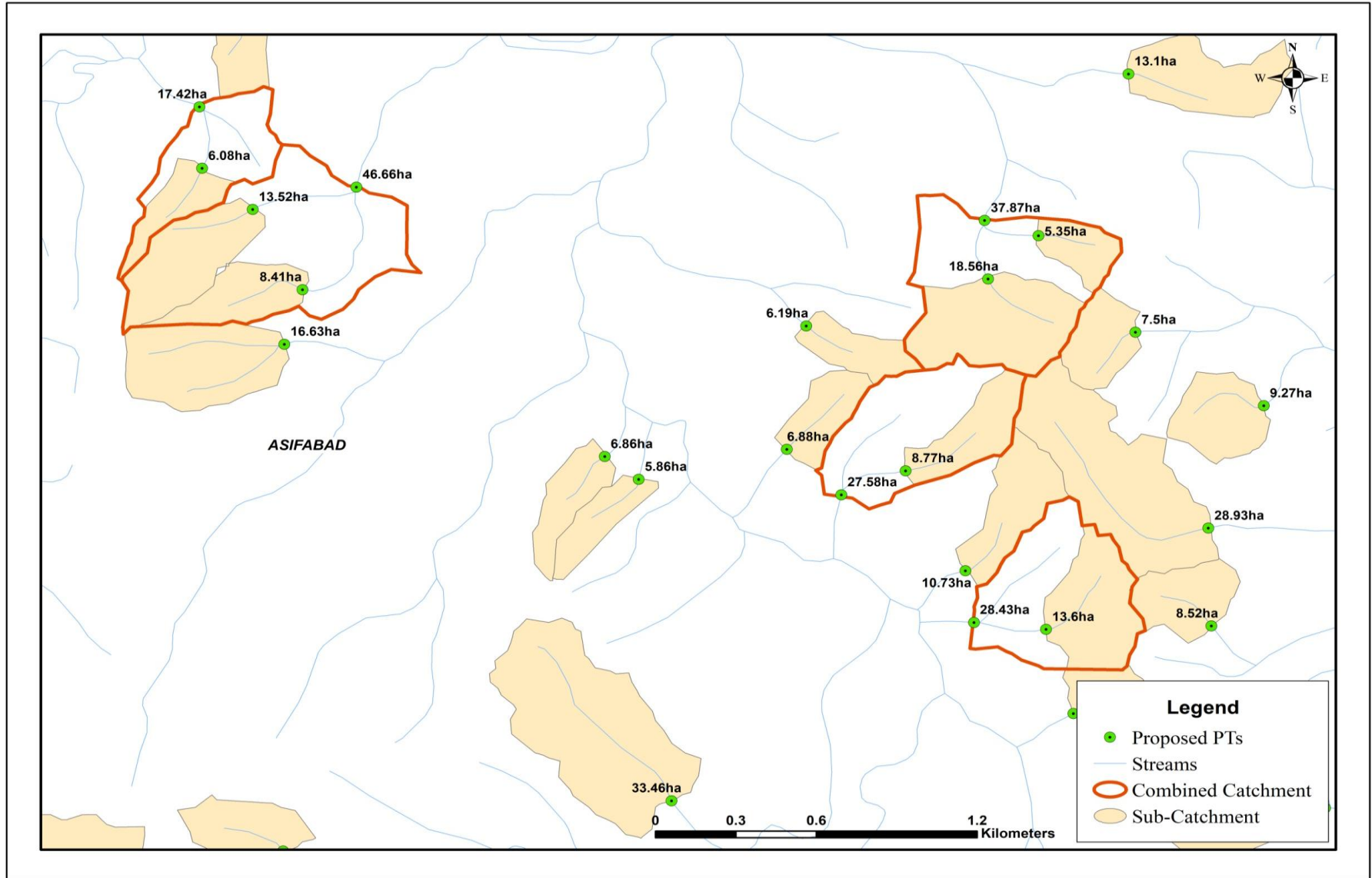




Map Showing Proposed Percolation Tanks in Jagtial Division



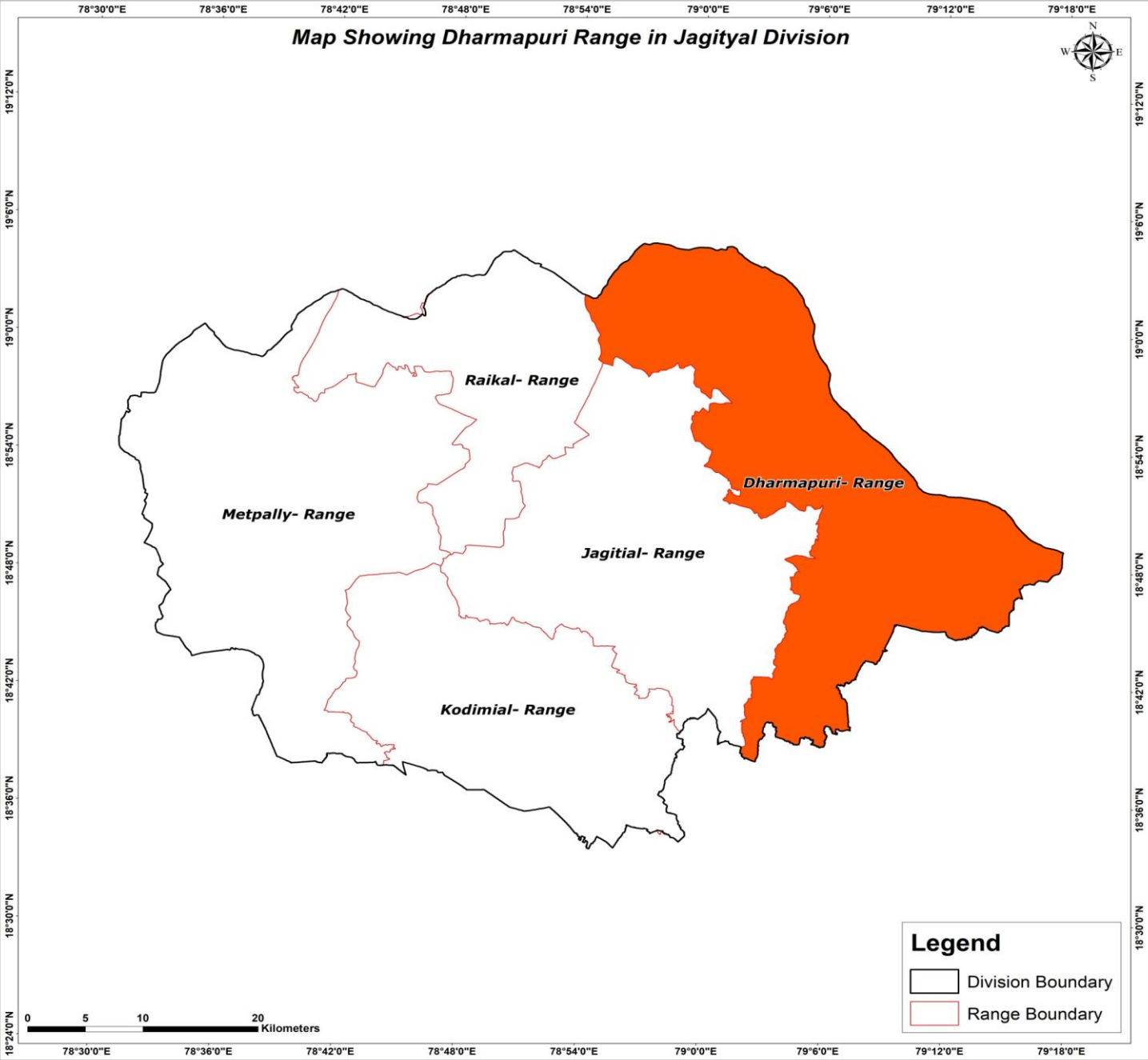
CATCHMENT AREA



Sample Catchment Map

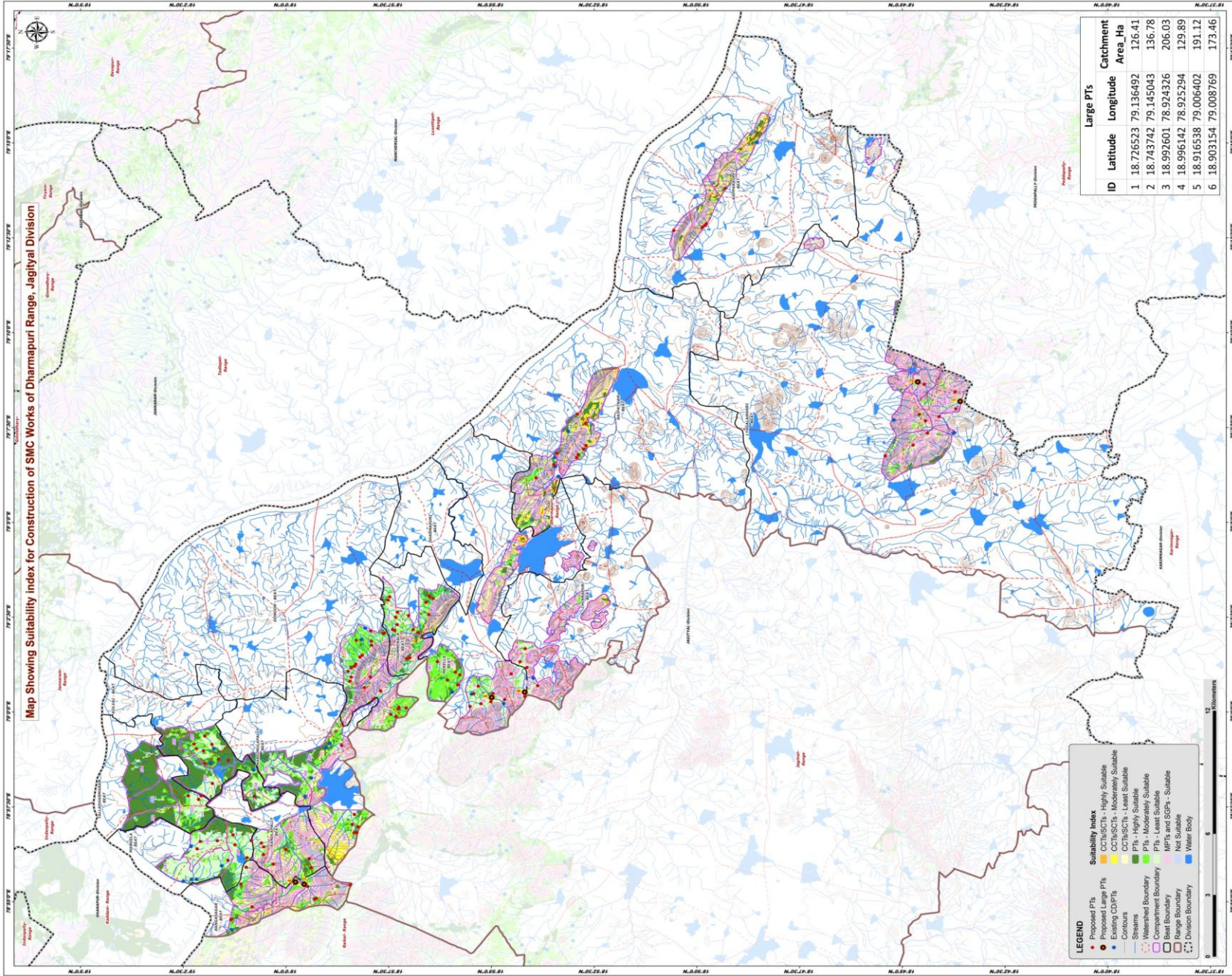


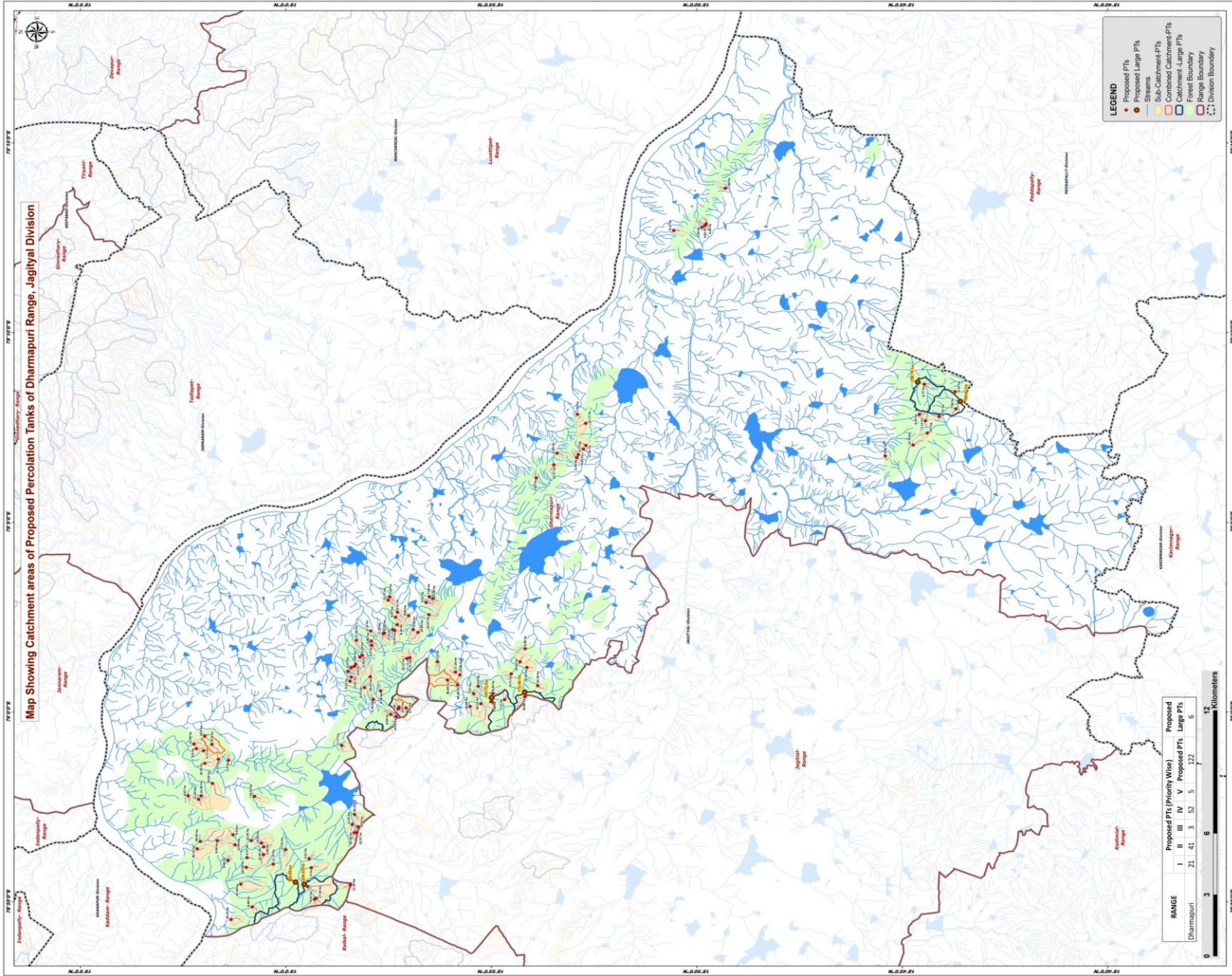
Map Showing Dharmapuri Range in Jagityal Division



18°24'0"N
18°30'0"N
18°36'0"N
18°42'0"N
18°48'0"N
18°54'0"N
19°0'0"N
19°6'0"N
19°12'0"N

78°30'0"E 78°36'0"E 78°42'0"E 78°48'0"E 78°54'0"E 79°0'0"E 79°6'0"E 79°12'0"E 79°18'0"E





Beat wise Abstract of Proposed PT's – Dharmapuri Range

S. No.	Beat	Proposed PT's
1	CHINNAPUR	4
2	DONOOR	23
3	KANDLAPALLY	7
4	KAPPARAO PET	5
5	KOLVAI	10
6	LYAGALAMARRI	9
7	MANGELA	8
8	NARSIMULAPALLY	6
9	NERELLA	14
10	RAIPATNAM	9
11	RANGASAGAR	8
12	TALLADHARMARAM	3
13	THUMMENALA	16
	Total	122

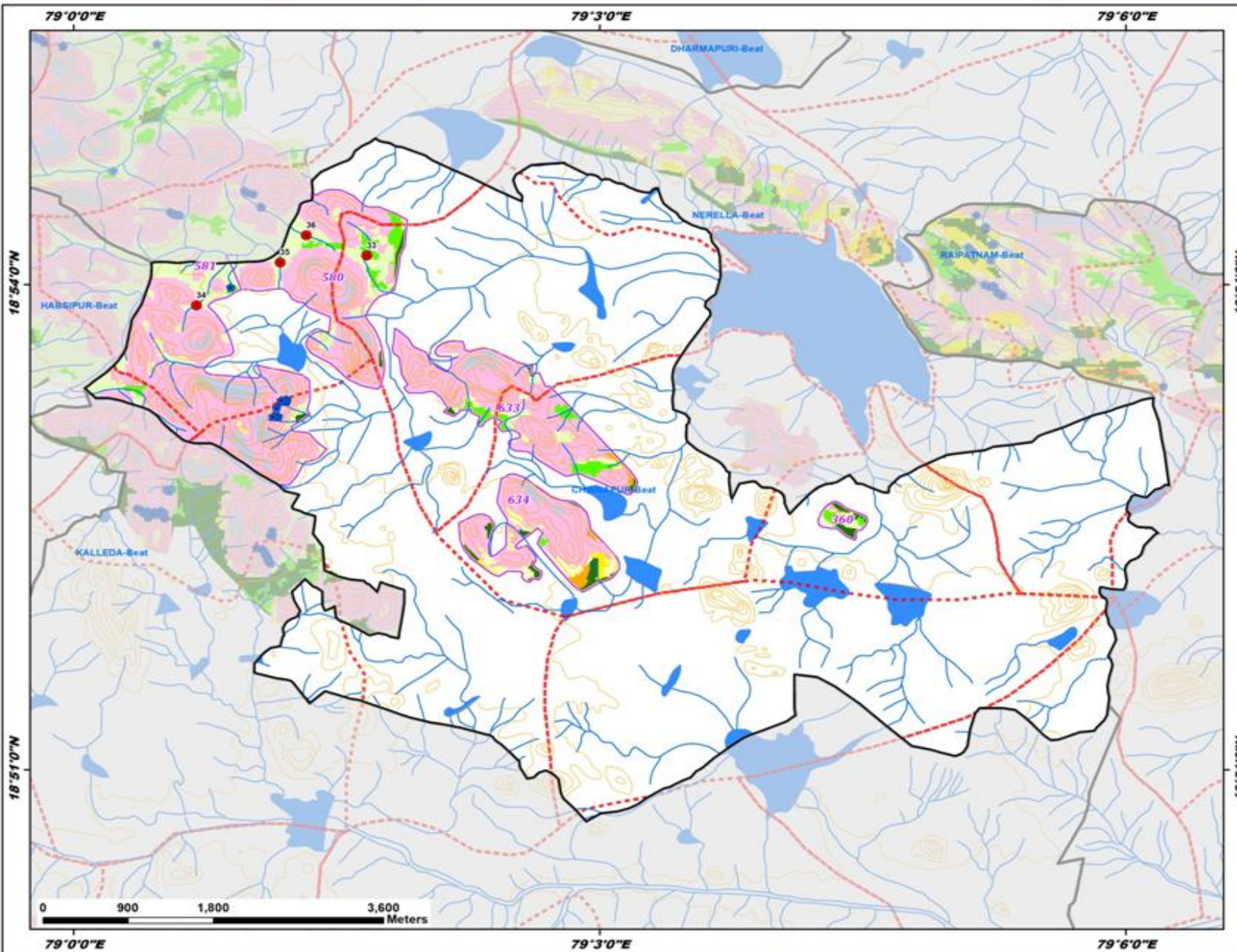
List of Proposed PTs – Dharmapuri Range

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	18.756915	79.112518	4.84	I	LYAGALAMARRI	41	18.973566	79.019526	6.47	II	DONOOR	81	18.940319	79.049959	6.58	II	THUMMENALA
2	18.740597	79.127944	7.12	IV	LYAGALAMARRI	42	18.964609	79.005561	5.78	II	DONOOR	82	18.955544	79.041679	8.87	II	THUMMENALA
3	18.745629	79.117329	14.76	IV	LYAGALAMARRI	43	18.955343	78.998084	14.43	II	DONOOR	83	18.942055	79.042819	10.67	II	THUMMENALA
4	18.741111	79.144026	6.77	IV	LYAGALAMARRI	44	18.951270	79.001820	8.41	II	DONOOR	84	18.954806	79.043878	8.51	II	THUMMENALA
5	18.728283	79.133223	7.56	IV	LYAGALAMARRI	45	18.957523	78.999015	8.09	II	DONOOR	85	18.943178	79.048197	9.91	IV	THUMMENALA
6	18.739860	79.122617	7.67	IV	LYAGALAMARRI	46	18.960607	79.034503	7.19	II	DONOOR	86	18.957979	79.050647	7.29	IV	THUMMENALA
7	18.728579	79.140702	5.22	IV	LYAGALAMARRI	47	18.972312	79.020106	6.40	II	DONOOR	87	18.954841	79.038414	8.16	IV	THUMMENALA
8	18.743064	79.130790	6.34	IV	LYAGALAMARRI	48	18.954533	79.001313	6.90	II	DONOOR	88	18.955885	79.035841	11.37	IV	THUMMENALA
9	18.735043	79.129819	14.31	IV	LYAGALAMARRI	49	18.965293	79.029348	5.90	II	DONOOR	89	18.956755	79.036317	5.15	IV	THUMMENALA
10	19.000146	78.939614	17.52	I	KANDLAPALLY	50	18.974084	79.013577	9.23	IV	DONOOR	90	18.830003	79.213793	4.81	I	KAPPARAOPET
11	19.009137	78.937386	15.65	II	KANDLAPALLY	51	18.970046	79.024135	5.76	IV	DONOOR	91	18.829502	79.214525	6.05	I	KAPPARAOPET
12	18.989783	78.931609	21.30	II	KANDLAPALLY	52	18.968188	79.010764	6.47	IV	DONOOR	92	18.831208	79.212977	5.59	I	KAPPARAOPET
13	18.990610	78.935600	4.61	II	KANDLAPALLY	53	18.969095	79.025002	6.33	IV	DONOOR	93	18.821803	79.230091	7.83	I	KAPPARAOPET
14	19.005152	78.933200	11.15	II	KANDLAPALLY	54	18.965817	79.015472	18.37	IV	DONOOR	94	18.842715	79.211573	9.13	II	KAPPARAOPET
15	19.009035	78.940806	5.84	IV	KANDLAPALLY	55	18.965652	79.035659	5.74	IV	DONOOR	95	18.878378	79.117125	17.91	I	RAIPATNAM
16	19.009964	78.942461	13.95	IV	KANDLAPALLY	56	18.961605	79.009258	6.16	IV	DONOOR	96	18.890080	79.113749	7.94	I	RAIPATNAM
17	19.015820	78.936030	4.51	I	MANGELA	57	18.971692	79.021061	7.06	IV	DONOOR	97	18.878400	79.126833	21.17	I	RAIPATNAM
18	19.021511	78.946084	9.30	II	MANGELA	58	18.973565	79.015344	6.41	IV	DONOOR	98	18.881789	79.130878	7.55	I	RAIPATNAM
19	19.020694	78.941669	12.95	IV	MANGELA	59	18.974848	79.017908	7.33	IV	DONOOR	99	18.891363	79.108593	12.17	I	RAIPATNAM
20	19.023618	78.934914	9.46	IV	MANGELA	60	18.929466	79.016360	13.86	I	NERELLA	100	18.881402	79.113090	4.83	II	RAIPATNAM
21	19.027838	78.943466	8.06	IV	MANGELA	61	18.931243	79.017579	17.26	I	NERELLA	101	18.879323	79.115510	5.77	II	RAIPATNAM
22	19.034764	78.943170	68.94	IV	MANGELA	62	18.934505	79.014059	46.69	II	NERELLA	102	18.882081	79.111789	5.49	II	RAIPATNAM
23	19.014078	78.943532	22.03	IV	MANGELA	63	18.938568	79.022137	5.60	IV	NERELLA	103	18.898520	79.102865	5.83	II	RAIPATNAM
24	19.036045	78.939927	36.15	V	MANGELA	64	18.903063	79.006886	10.88	IV	NERELLA	104	19.032901	78.977451	16.95	I	KOLVAI
25	18.973927	78.924051	11.34	I	RANGASAGAR	65	18.925320	79.002483	18.04	IV	NERELLA	105	19.012807	78.962970	14.53	I	KOLVAI
26	18.988445	78.917821	6.41	II	RANGASAGAR	66	18.908634	79.016772	9.71	IV	NERELLA	106	19.027398	78.979265	11.73	I	KOLVAI
27	19.022273	78.908905	18.19	II	RANGASAGAR	67	18.922009	79.011383	6.90	IV	NERELLA	107	19.023336	78.978812	5.40	I	KOLVAI
28	19.018315	78.924452	37.94	III	RANGASAGAR	68	18.911289	79.005483	7.17	IV	NERELLA	108	19.030045	78.985798	23.80	II	KOLVAI
29	18.987690	78.918226	17.54	IV	RANGASAGAR	69	18.916859	79.004550	7.69	IV	NERELLA	109	19.033471	78.983021	9.71	II	KOLVAI
30	19.013720	78.914422	8.69	IV	RANGASAGAR	70	18.923862	79.008059	7.57	IV	NERELLA	110	19.036343	78.983922	8.80	II	KOLVAI
31	19.016126	78.931811	10.59	IV	RANGASAGAR	71	18.916027	79.008190	8.45	IV	NERELLA	111	19.037306	78.985965	12.99	IV	KOLVAI
32	18.991224	78.923312	63.73	V	RANGASAGAR	72	18.920950	79.003694	36.12	V	NERELLA	112	19.029857	78.968646	79.03	V	KOLVAI
33	18.902997	79.027840	9.98	II	CHINNAPUR	73	18.930350	79.011962	64.48	IV	NERELLA	113	19.032936	78.989503	47.40	III	KOLVAI
34	18.897865	79.011639	16.33	IV	CHINNAPUR	74	18.950972	79.023504	12.57	I	THUMMENALA	114	18.971265	78.947049	13.57	II	NARSIMULAPALLY
35	18.902291	79.019597	18.39	IV	CHINNAPUR	75	18.941813	79.050680	7.68	I	THUMMENALA	115	18.970744	78.949586	9.03	II	NARSIMULAPALLY
36	18.905090	79.022090	23.33	IV	CHINNAPUR	76	18.949783	79.023871	13.71	II	THUMMENALA	116	18.972330	78.947020	39.16	III	NARSIMULAPALLY
37	18.954184	79.002119	9.07	II	DONOOR	77	18.946436	79.035037	13.84	II	THUMMENALA	117	18.973093	78.950680	11.91	IV	NARSIMULAPALLY
38	18.960077	79.034750	8.39	II	DONOOR	78	18.948395	79.036258	9.09	II	THUMMENALA	118	18.977421	78.985337	17.77	IV	NARSIMULAPALLY
39	18.971457	79.031549	11.56	II	DONOOR	79	18.950249	79.042359	9.69	II	THUMMENALA	119	18.972212	78.955029	34.25	V	NARSIMULAPALLY
40	18.965380	79.031189	5.88	II	DONOOR	80	18.958568	79.049180	11.37	II	THUMMENALA	120	19.035479	78.961673	21.32	IV	TALLADHARMARAM
												121	19.039609	78.963216	8.87	IV	TALLADHARMARAM
												122	19.034380	78.963196	16.38	IV	TALLADHARMARAM

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



Division : Jagtial
Range : Dharmapuri



ID	Latitude	Longitude	Catchment Area_Ha	Priority
33	18.90297	79.027840	9.98	II
34	18.897865	79.011639	16.33	IV
35	18.902291	79.019597	18.39	IV
36	18.905090	79.022090	23.33	IV

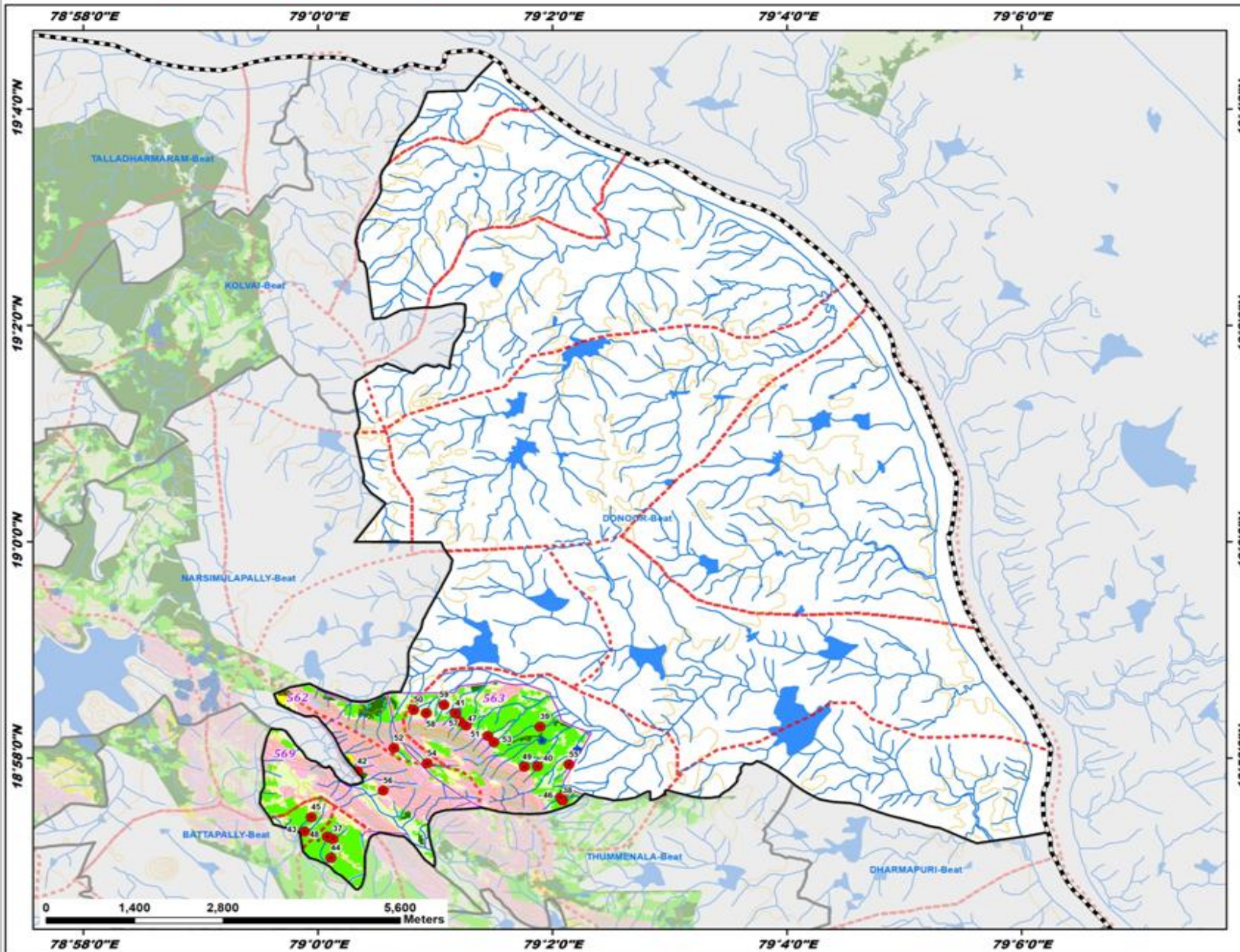
Legend

- 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 SGPs - Suitable
 - Not Suitable
 - Water Body

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



Division : Jagtial
Range : Dharmapuri



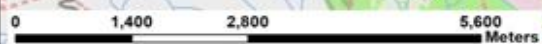
ID	Latitude	Longitude	Catchment Area_Ha	Priority
37	18.954184	79.002119	9.07	II
38	18.960077	79.034750	8.39	II
39	18.971457	79.031549	11.56	II
40	18.965380	79.031189	5.88	II
41	18.973566	79.019526	6.47	II
42	18.964609	79.005561	5.78	II
43	18.955343	78.998084	14.43	II
44	18.951270	79.001820	8.41	II
45	18.957523	78.999015	8.09	II
46	18.960607	79.034503	7.19	II
47	18.972312	79.020106	6.40	II
48	18.954533	79.001313	6.90	II
49	18.965293	79.029348	5.90	II
50	18.974084	79.013577	9.23	IV
51	18.970046	79.024135	5.76	IV
52	18.968188	79.010764	6.47	IV
53	18.969095	79.025002	6.33	IV
54	18.965817	79.015472	18.37	IV
55	18.965652	79.035659	5.74	IV
56	18.961605	79.009258	6.16	IV
57	18.971692	79.021061	7.06	IV
58	18.973565	79.015344	6.41	IV
59	18.974848	79.017908	7.33	IV

Legend

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

Suitability Index

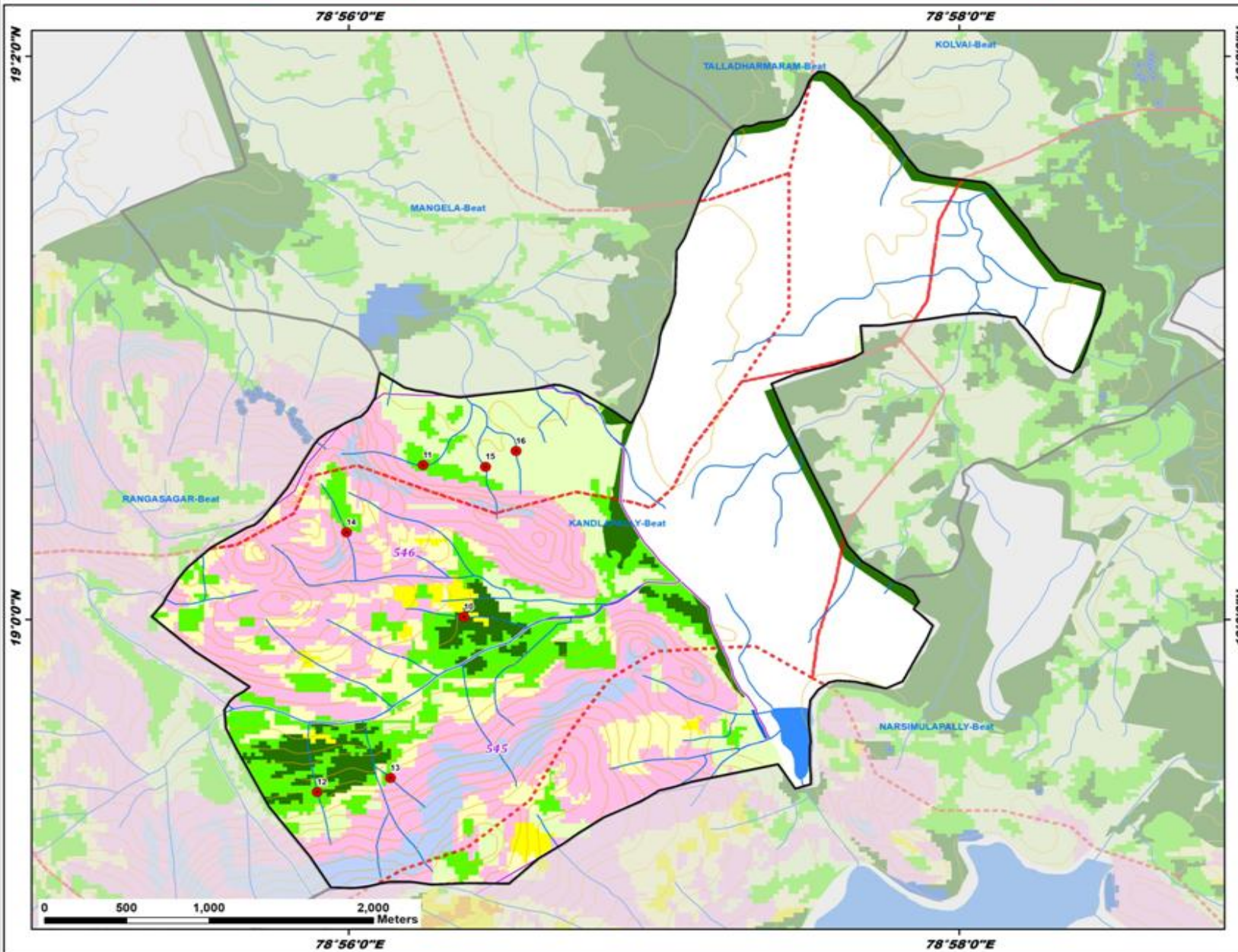
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- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body



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



Division : Jagtial
Range : Dharmapuri



ID	Latitude	Longitude	Catchment Area_Ha	Priority
10	19.000146	78.939614	17.52	I
11	19.009137	78.937386	15.65	II
12	18.989783	78.931609	21.30	II
13	18.990610	78.935600	4.61	II
14	19.005152	78.933200	11.15	II
15	19.009035	78.940806	5.84	IV
16	19.009964	78.942461	13.95	IV

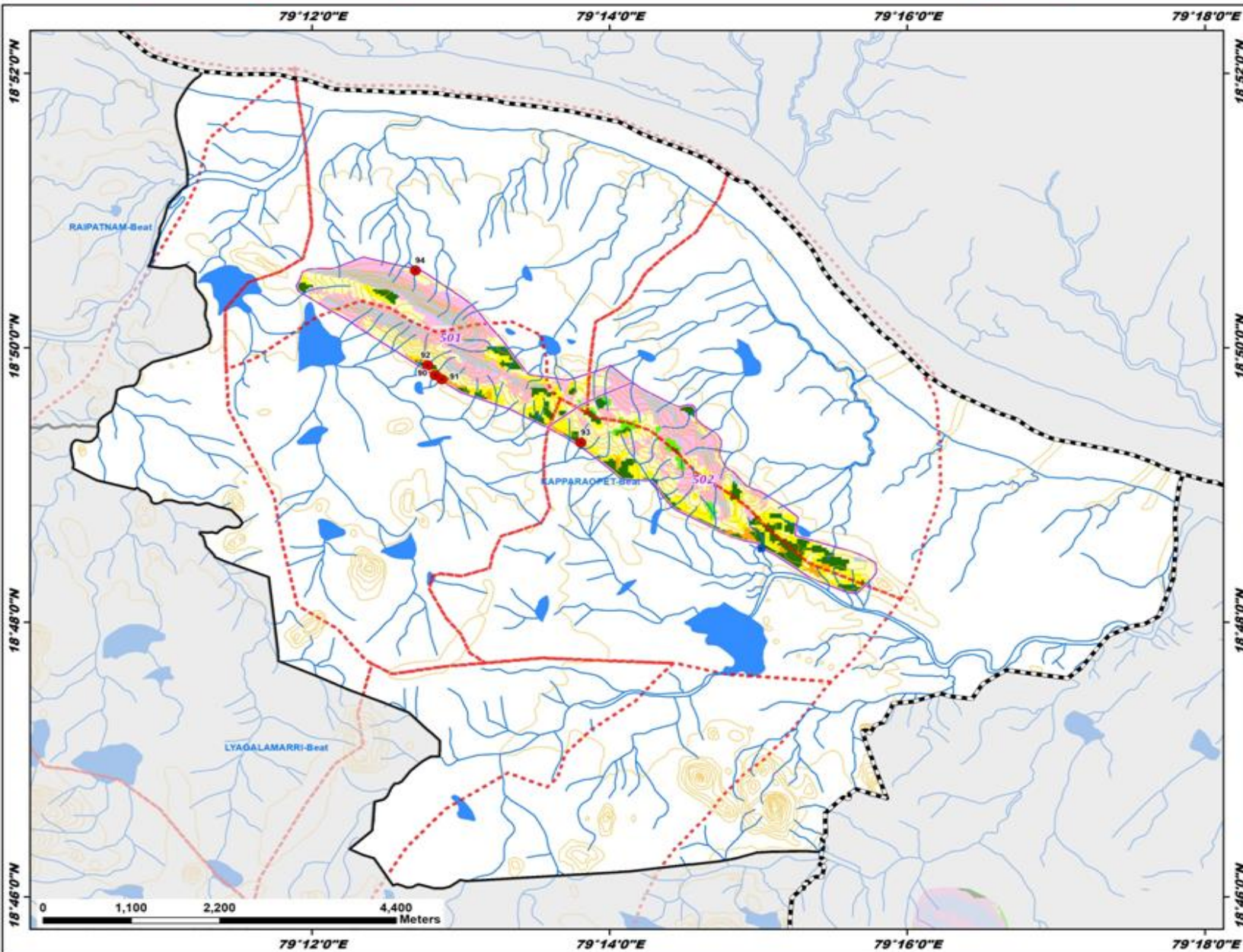
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- Proposed PTs
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 - - - Watershed Boundary
 - - - Compartment Boundary
 - ▭ Beat Boundary
 - ▭ Division Boundary
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- CCTs/SCTs - Highly Suitable
 - 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 Kapparaopet Beat



Division : Jagtial
Range : Dharmapuri



ID	Latitude	Longitude	Catchment Area_Ha	Priority
90	18.830003	79.213793	4.81	I
91	18.829502	79.214525	6.05	I
92	18.831208	79.212977	5.59	I
93	18.821803	79.230091	7.83	I
94	18.842715	79.211573	9.13	II

Legend

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

Suitability Index

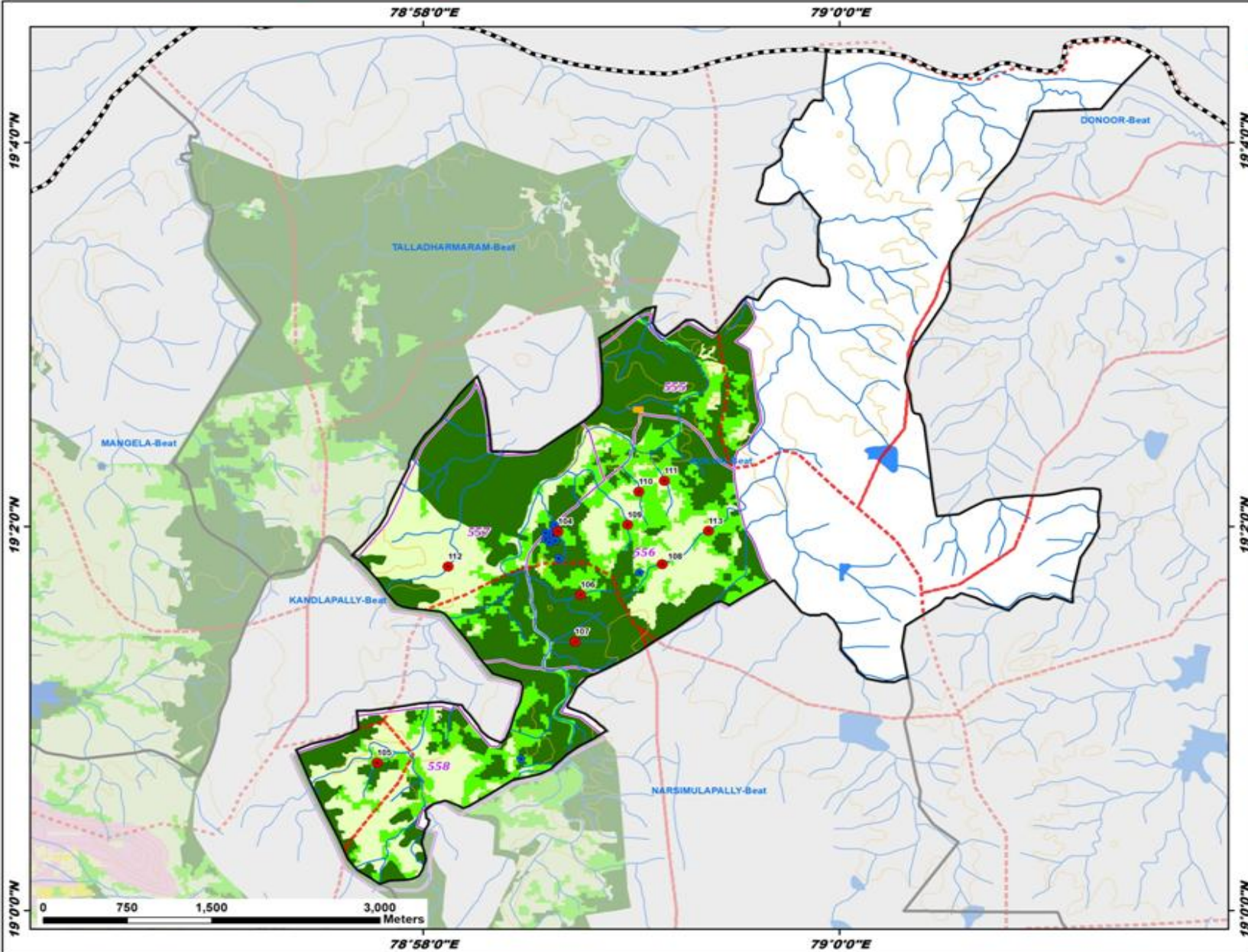
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body



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



Division : Jagtial
Range : Dharmapuri



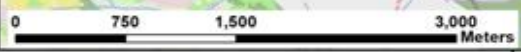
ID	Latitude	Longitude	Catchment Area_Ma	Priority
104	19.032501	78.977451	16.95	I
105	19.012807	78.962970	14.53	I
106	19.027398	78.979265	11.73	I
107	19.023336	78.978812	5.40	I
108	19.030045	78.985798	23.80	II
109	19.033471	78.983021	9.71	II
110	19.036343	78.983922	8.80	II
111	19.037306	78.985965	12.99	IV
112	19.029857	78.968646	79.03	V
113	19.032936	78.989503	47.40	III

Legend

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

Suitability Index

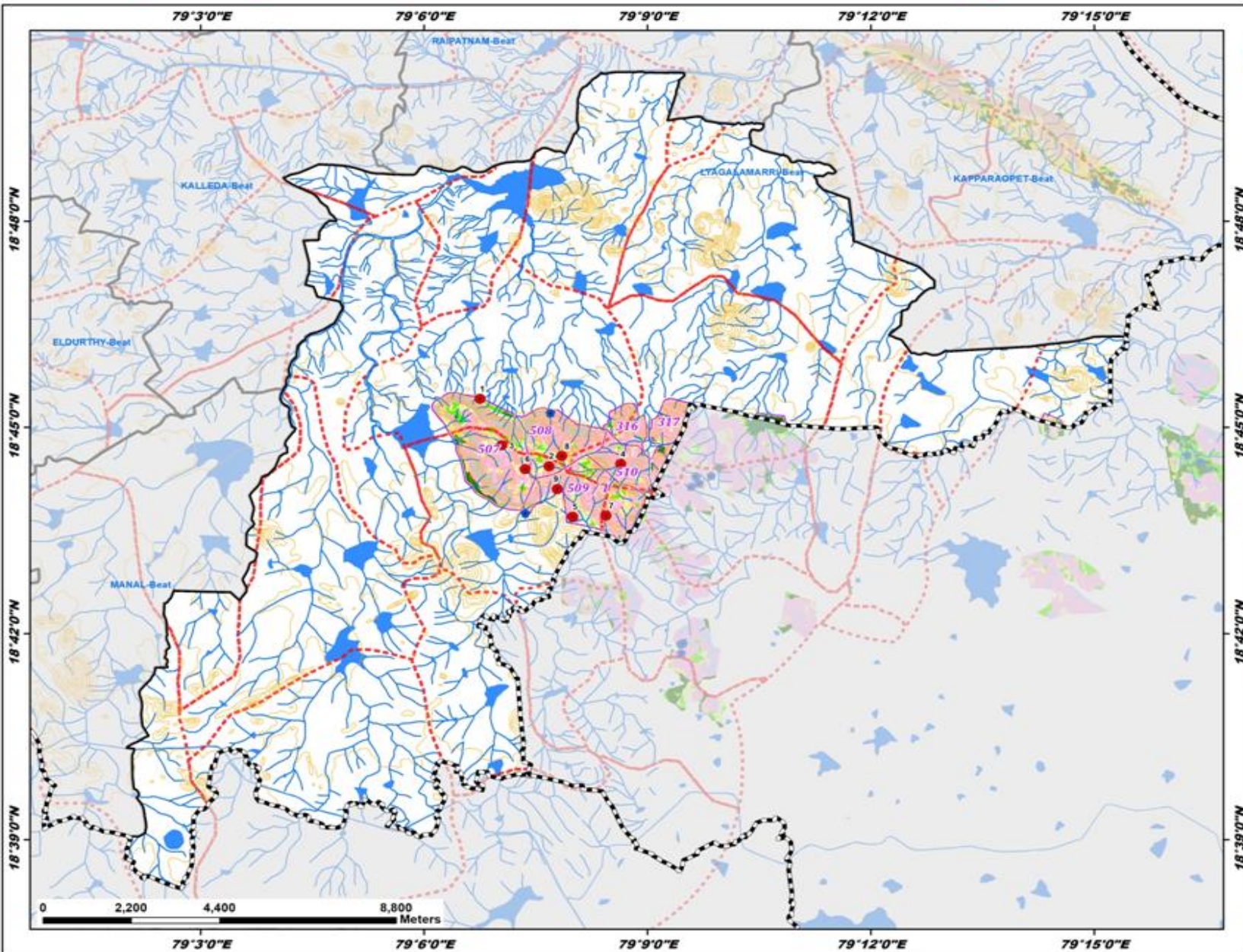
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body



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



Division : Jagtial
Range : Dharmapuri



ID	Latitude	Longitude	Catchment Area_Ha	Priority
1	18.756915	79.112518	4.84	I
2	18.740597	79.127944	7.12	IV
3	18.745629	79.117329	14.76	IV
4	18.741111	79.144026	6.77	IV
5	18.728283	79.133223	7.56	IV
6	18.739860	79.122617	7.67	IV
7	18.728579	79.140702	5.22	IV
8	18.743064	79.130790	6.34	IV
9	18.735043	79.129819	14.31	IV

Legend

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

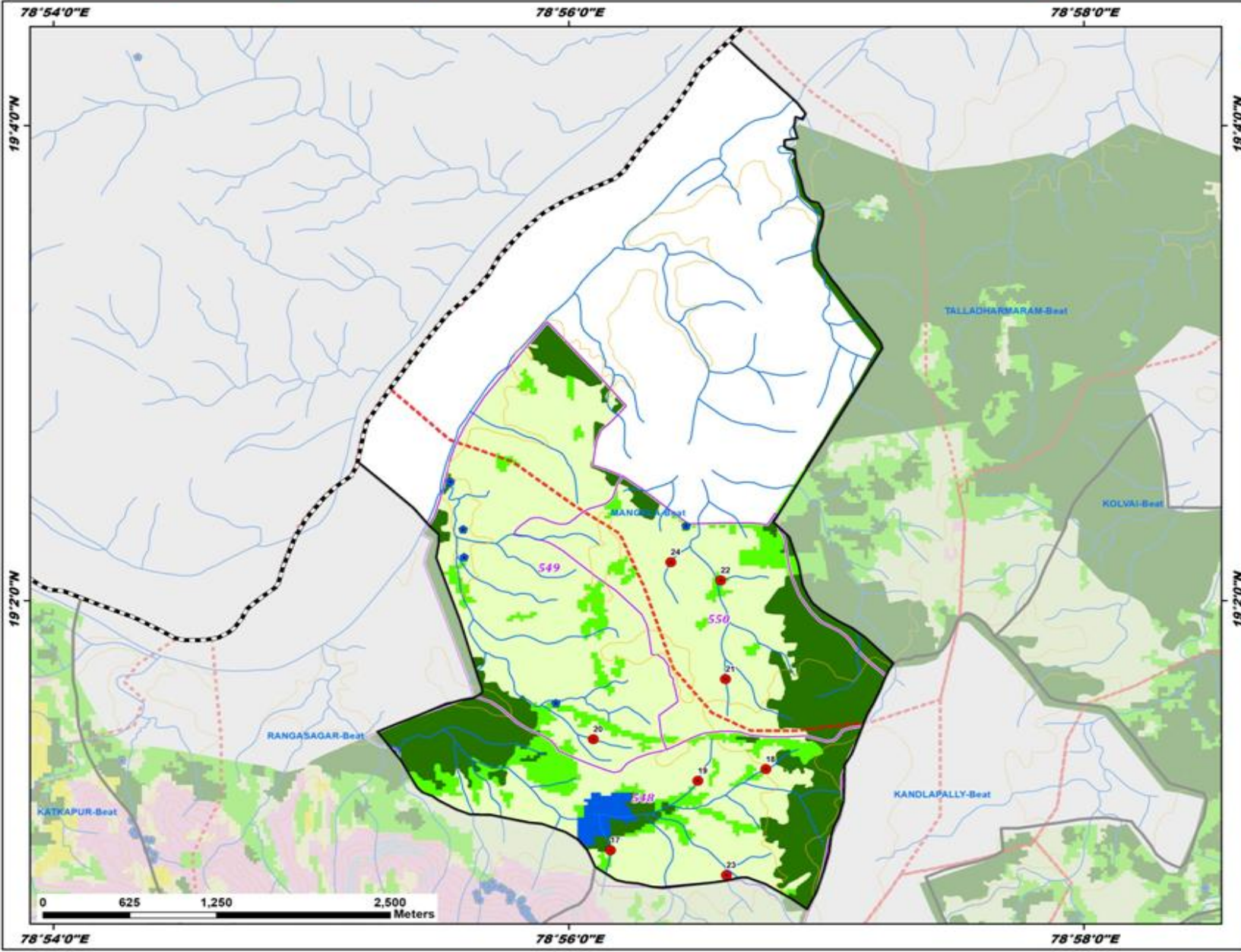
Suitability Index

- 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 Mangela Beat



Division : Jagtial
Range : Dharmapuri



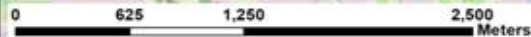
ID	Latitude	Longitude	Catchment Area_Ha	Priority
17	19.015820	78.936030	4.51	I
18	19.021511	78.946084	9.30	II
19	19.020694	78.941669	12.95	IV
20	19.023618	78.934914	9.46	IV
21	19.027838	78.943466	8.06	IV
22	19.034764	78.943170	68.94	IV
23	19.014078	78.943532	22.03	IV
24	19.036045	78.939927	36.15	V

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



78°54'0"E 78°56'0"E 78°58'0"E

19°40'0"N

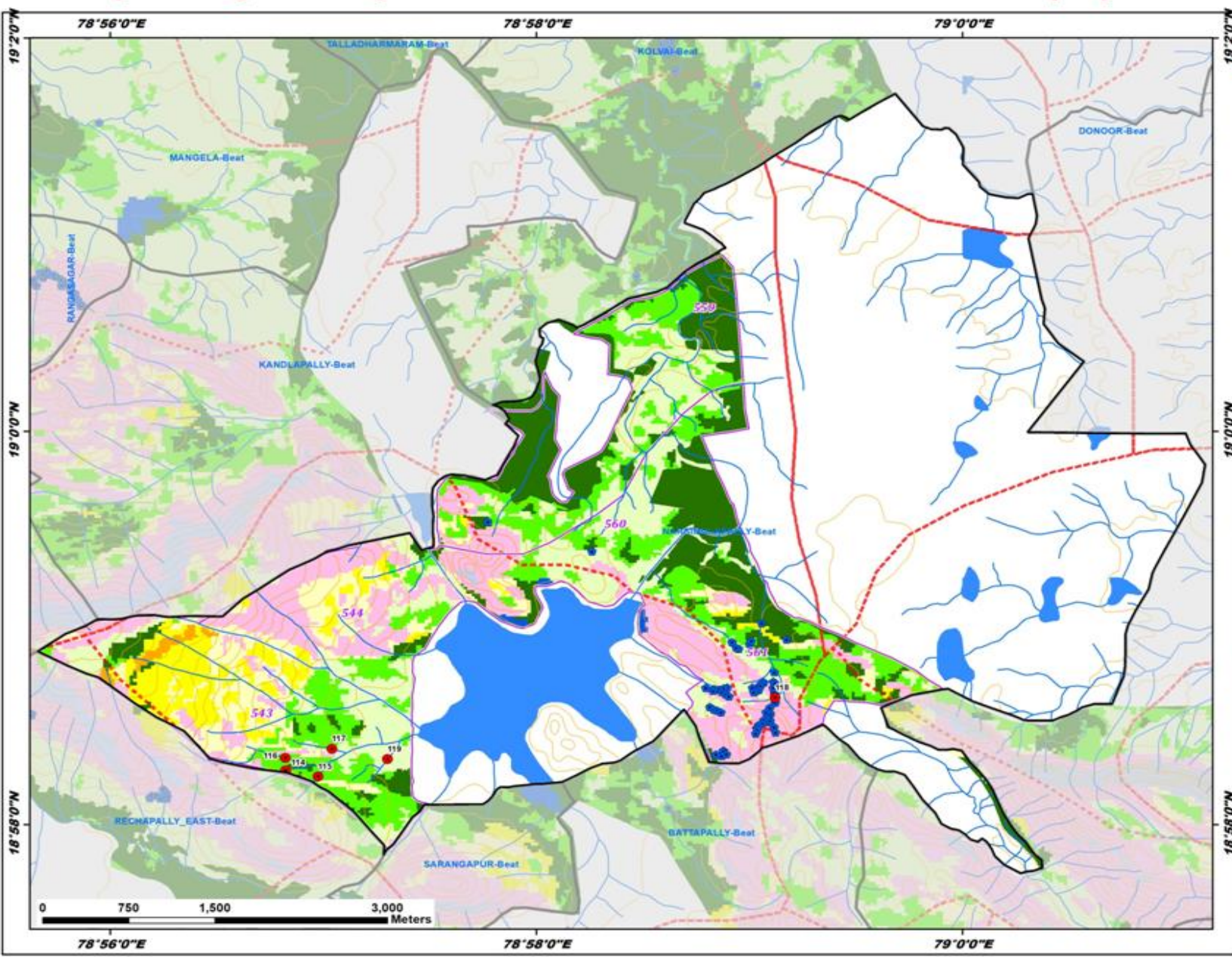
19°20'0"N

78°54'0"E 78°56'0"E 78°58'0"E

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



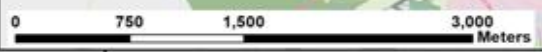
Division : Jagtial
Range : Dharmapuri



ID	Latitude	Longitude	Catchment Area_Ha	Priority
114	18.971265	78.947049	13.57	II
115	18.970744	78.949586	9.03	II
116	18.972330	78.947020	39.16	III
117	18.973093	78.950680	11.91	IV
118	18.977421	78.985337	17.77	IV
119	18.972212	78.955029	34.25	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



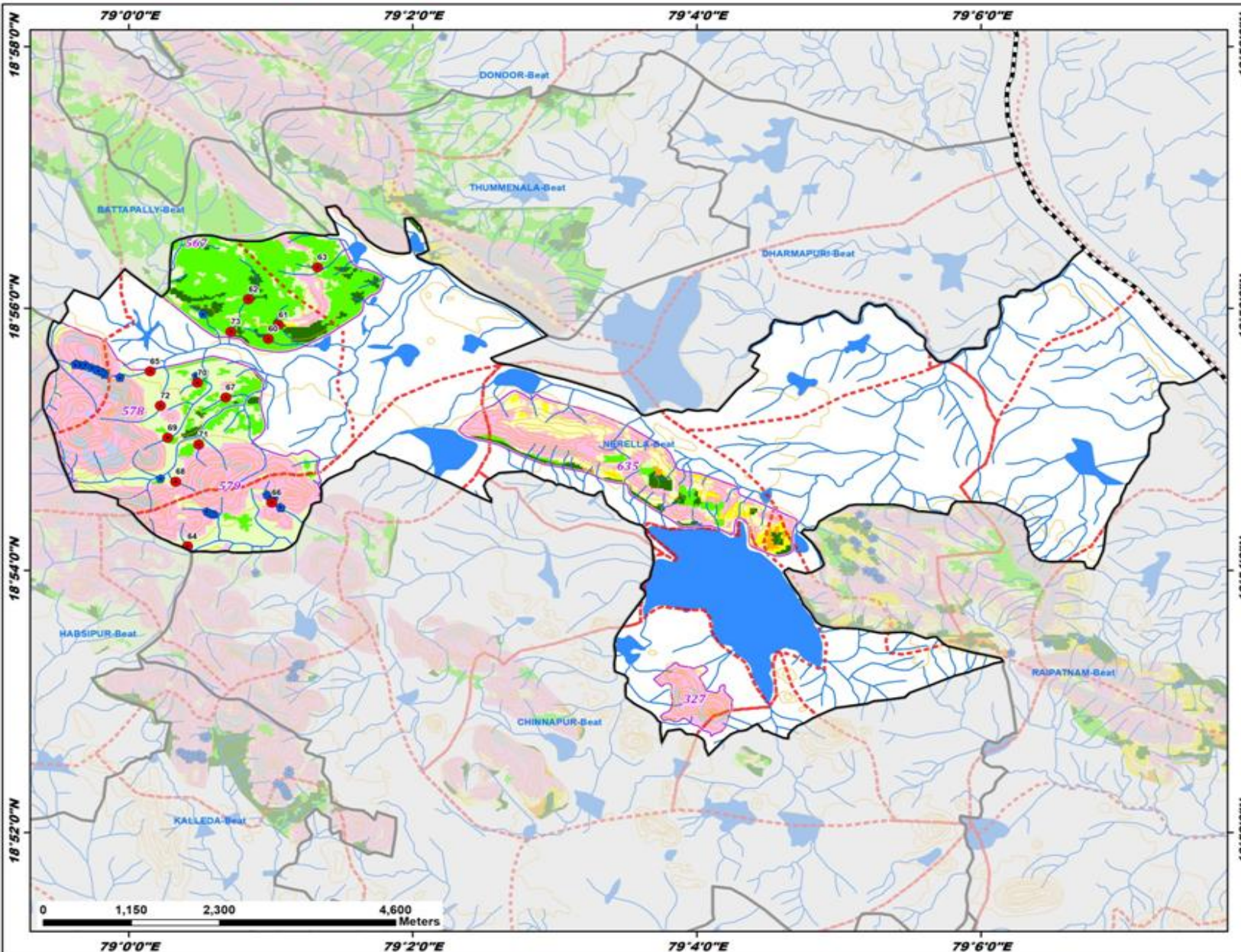
78°56'0"E 78°58'0"E 79°0'0"E

19°2'0"N
19°0'0"N
18°58'0"N

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



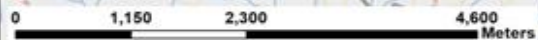
Division : Jagtial
Range : Dharmapuri



ID	Latitude	Longitude	Catchment Area_Ha	Priority
60	18.929466	79.016360	13.86	I
61	18.931243	79.017579	17.26	I
62	18.934505	79.014059	46.69	II
63	18.938568	79.022137	5.60	IV
64	18.903063	79.006886	10.88	IV
65	18.925320	79.002483	18.04	IV
66	18.908634	79.016772	9.71	IV
67	18.922009	79.011383	6.90	IV
68	18.911289	79.005483	7.17	IV
69	18.916859	79.004550	7.69	IV
70	18.923862	79.008059	7.57	IV
71	18.916027	79.008190	8.45	IV
72	18.920950	79.003694	36.12	V
73	18.930350	79.011962	64.48	IV

Legend

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



79°0'0"E 79°2'0"E 79°4'0"E 79°6'0"E

18°52'0"N

18°54'0"N

18°56'0"N

18°58'0"N

18°52'0"N

18°54'0"N

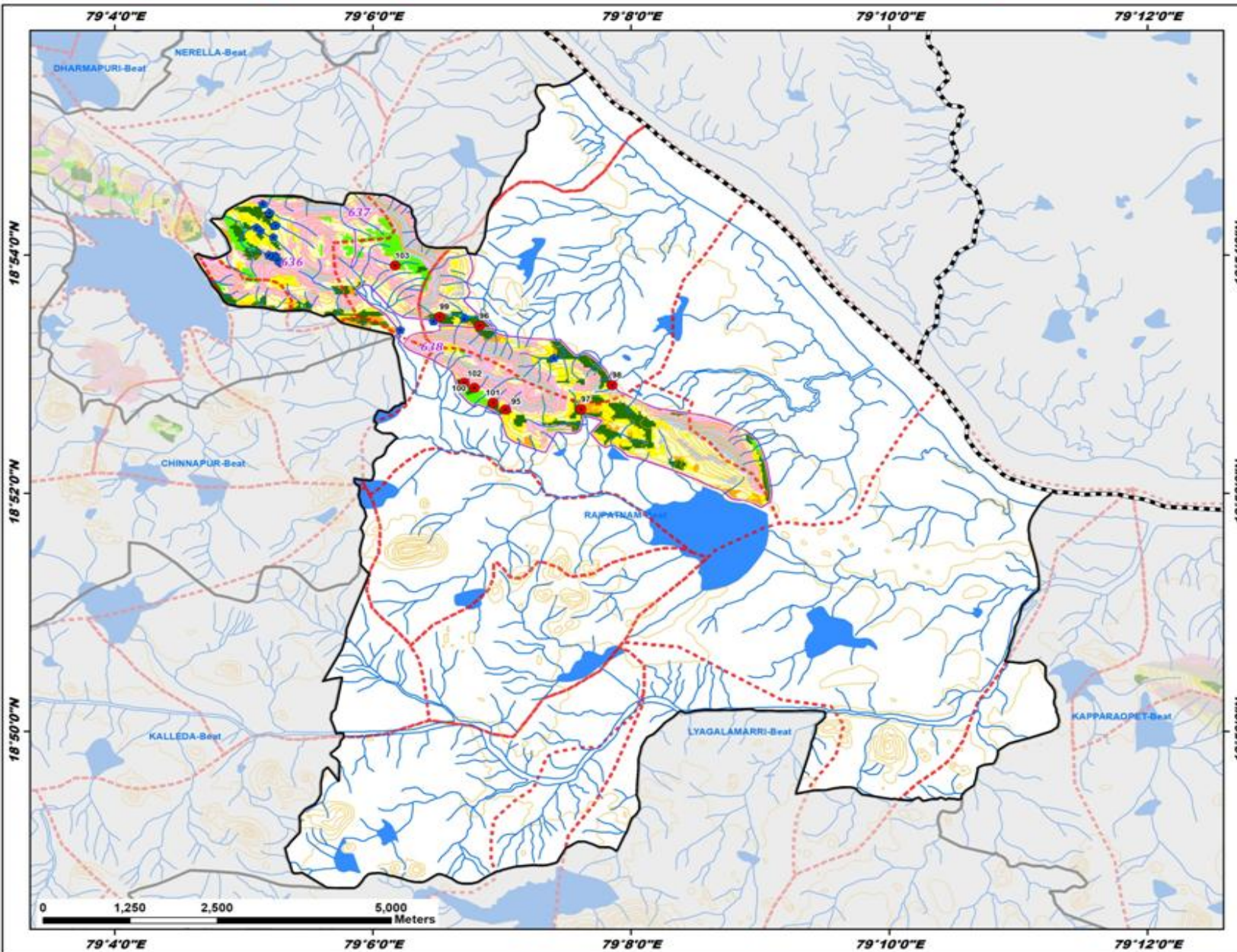
18°56'0"N

18°58'0"N

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



Division : Jagtial
Range : Dharmapuri



ID	Latitude	Longitude	Catchment Area_Ha	Priority
95	18.878378	79.117125	17.91	I
96	18.890080	79.113749	7.94	I
97	18.878400	79.126833	21.17	I
98	18.881789	79.130878	7.55	I
99	18.891363	79.108593	12.17	I
100	18.881402	79.113090	4.83	II
101	18.879323	79.115510	5.77	II
102	18.882081	79.111789	5.49	II
103	18.898520	79.102865	5.83	II

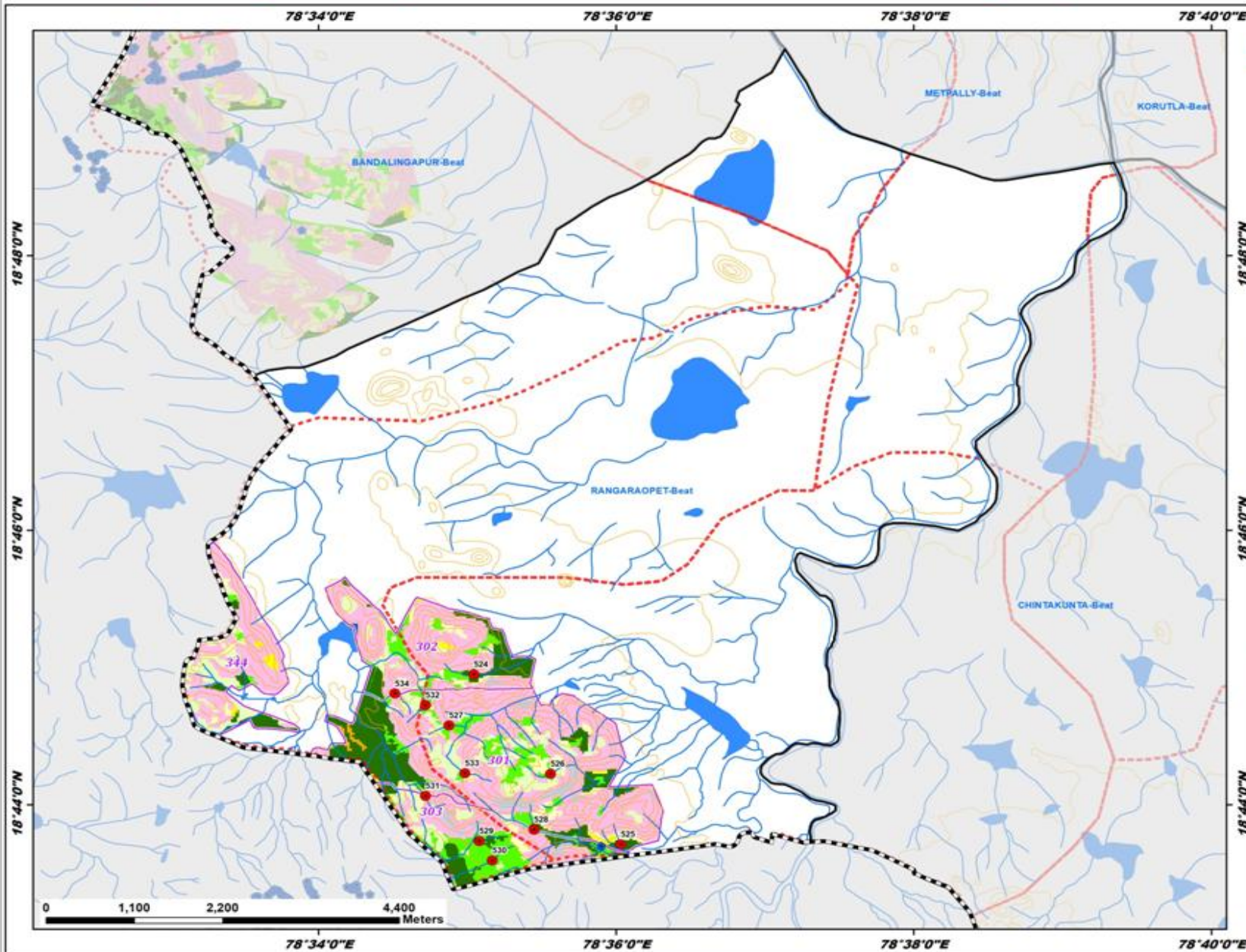
Legend

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

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



Division : Jagtial
Range : Dharmapuri



ID	Latitude	Longitude	Catchment Area_Ha	Priority
524	18.749159	78.584060	19.09	I
525	18.728522	78.600523	9.09	I
526	18.737088	78.592646	8.35	II
527	18.742974	78.581277	7.52	II
528	18.730309	78.590772	37.64	II
529	18.728933	78.584665	8.10	II
530	18.726566	78.586118	8.02	II
531	18.734420	78.578626	6.32	IV
532	18.745428	78.578646	11.83	IV
533	18.737150	78.583042	16.70	IV
534	18.746835	78.575208	7.56	IV

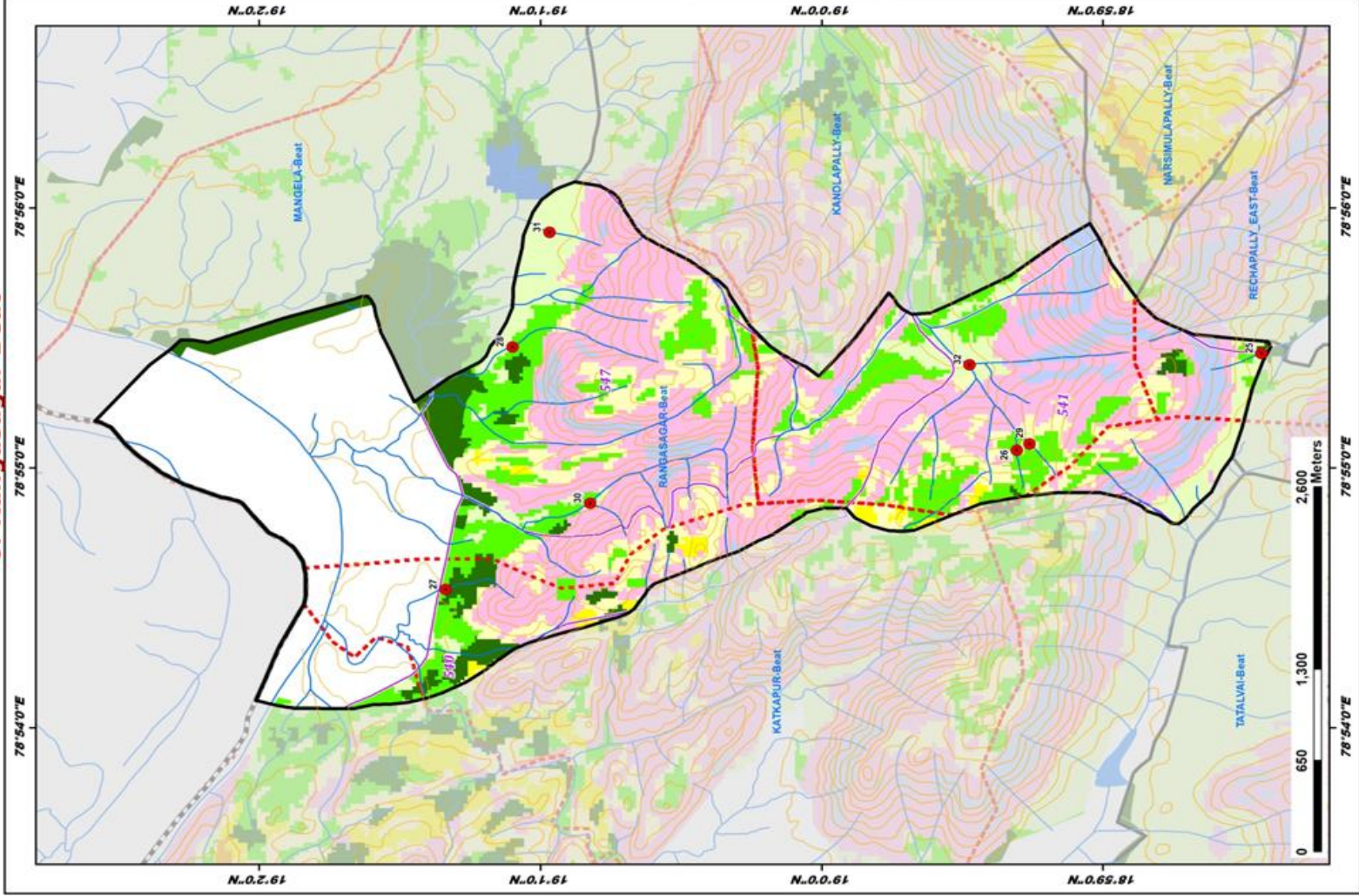
Legend

- 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 Rangasagar Beat

Division : Jagtial
Range : Dharmapuri



ID	Latitude	Longitude	Catchment Area_Ha	Priority
25	18.973927	78.924051	11.34	I
26	18.988445	78.917821	6.41	II
27	19.022273	78.906905	18.19	III
28	19.018315	78.924452	37.94	IV
29	18.987690	78.918226	17.54	IV
30	19.013720	78.914422	8.69	IV
31	19.016126	78.931811	10.59	IV
32	18.991224	78.923312	63.73	V

LEGEND

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

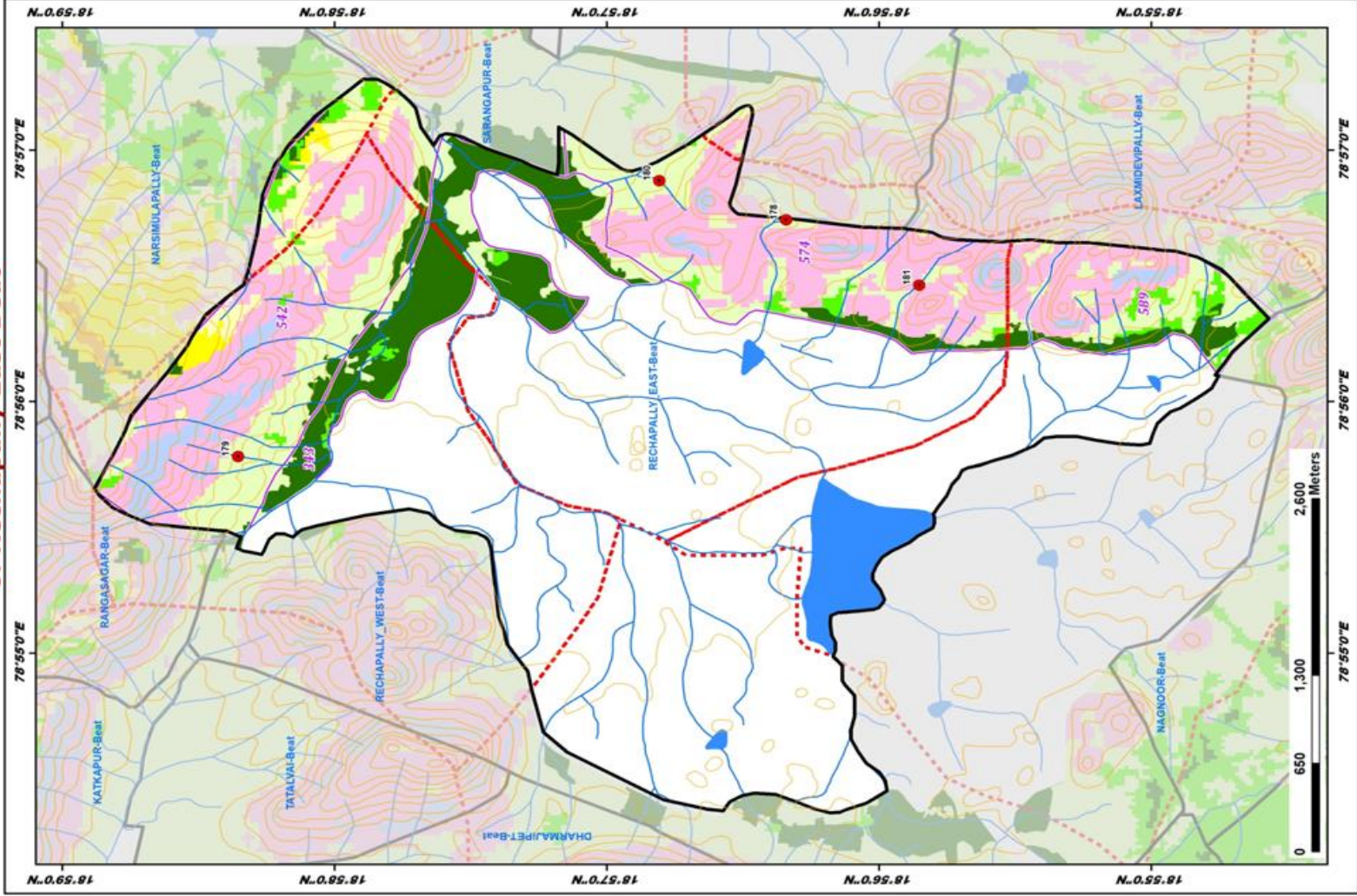
Suitability Index

- CCTs/ISCTs - Highly Suitable
- CCTs/ISCTs - Moderately Suitable
- CCTs/ISCTs - Least Suitable
- PTIs - Highly Suitable
- PTIs - Moderately Suitable
- PTIs - Least Suitable
- MPTIs and SGP's - Suitable
- Not Suitable
- Water Body

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



Division : Jagtial
Range : Dharmapuri



ID	Latitude	Longitude	Catchment Area_Ha	Priority
178	18.93026	78.945411	17.05	IV
179	18.972573	78.929736	7.86	IV
180	18.946790	78.948004	13.15	IV
181	18.930881	78.941085	28.86	V

LEGEND

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

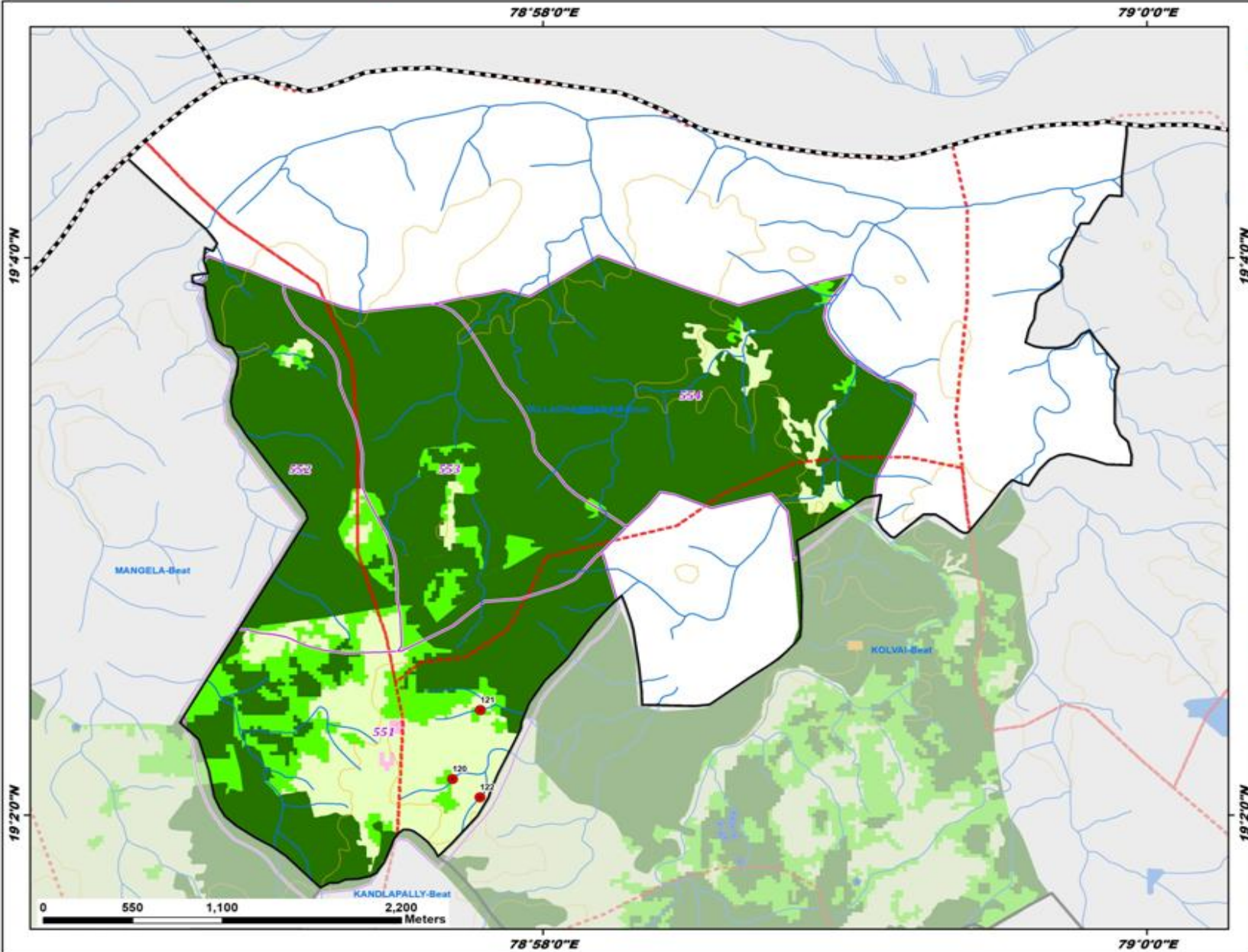
Suitability Index

- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTIs - Highly Suitable
- PTIs - Moderately Suitable
- PTIs - Least Suitable
- MPTIs and SGP's - Suitable
- Not Suitable
- Water Body

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



Division : Jagtial
Range : Dharmapuri



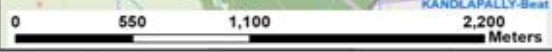
ID	Latitude	Longitude	Catchment Area_Ha	Priority
120	19.035479	78.961673	21.32	IV
121	19.039609	78.963216	8.87	IV
122	19.034380	78.963196	16.38	IV

Legend

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

Suitability Index

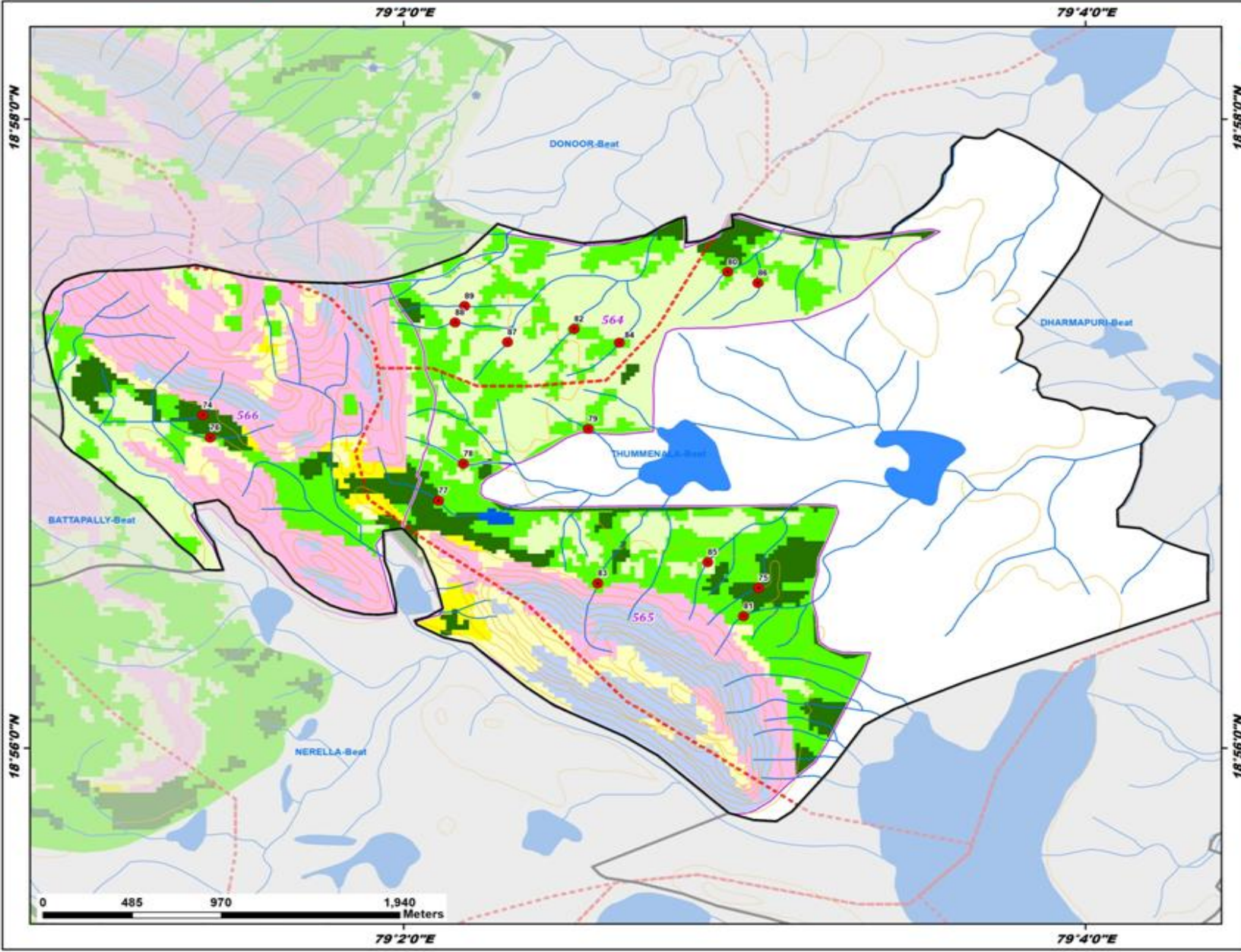
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body



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



Division : Jagtial
Range : Dharmapuri



ID	Latitude	Longitude	Catchment Area_No	Priority
74	18.950972	79.023504	12.57	I
75	18.941813	79.050680	7.68	I
76	18.949783	79.023871	13.71	II
77	18.946436	79.035037	13.84	II
78	18.948395	79.036258	9.09	II
79	18.950249	79.042359	9.69	II
80	18.958568	79.049180	11.37	II
81	18.940319	79.049959	6.58	II
82	18.955544	79.041679	8.87	II
83	18.942055	79.042819	10.67	II
84	18.954806	79.043878	8.51	II
85	18.943178	79.048197	9.91	IV
86	18.957979	79.050647	7.29	IV
87	18.954841	79.038414	8.16	IV
88	18.955885	79.035841	11.37	IV
89	18.956755	79.036317	5.15	IV

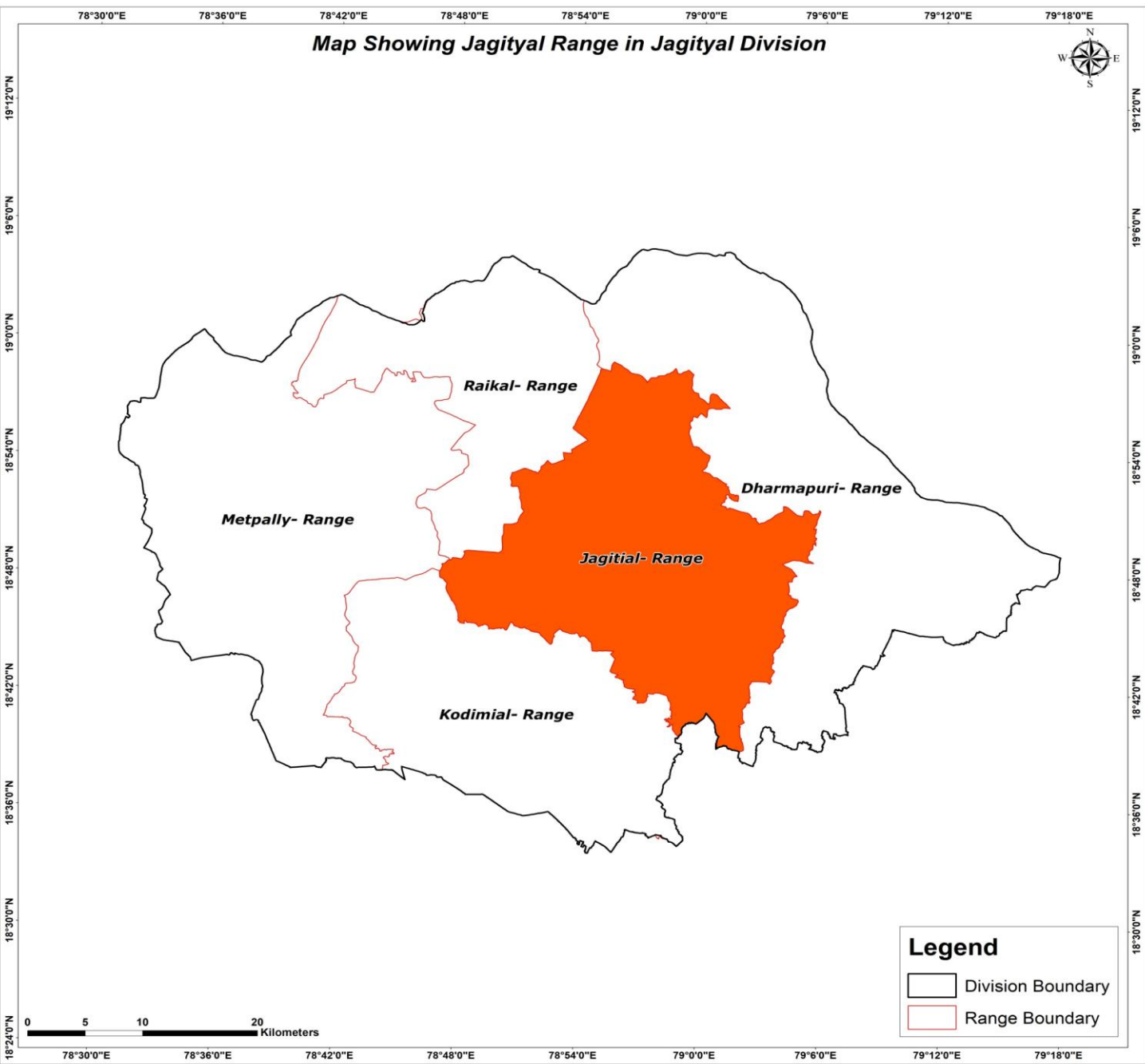
Legend

- 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

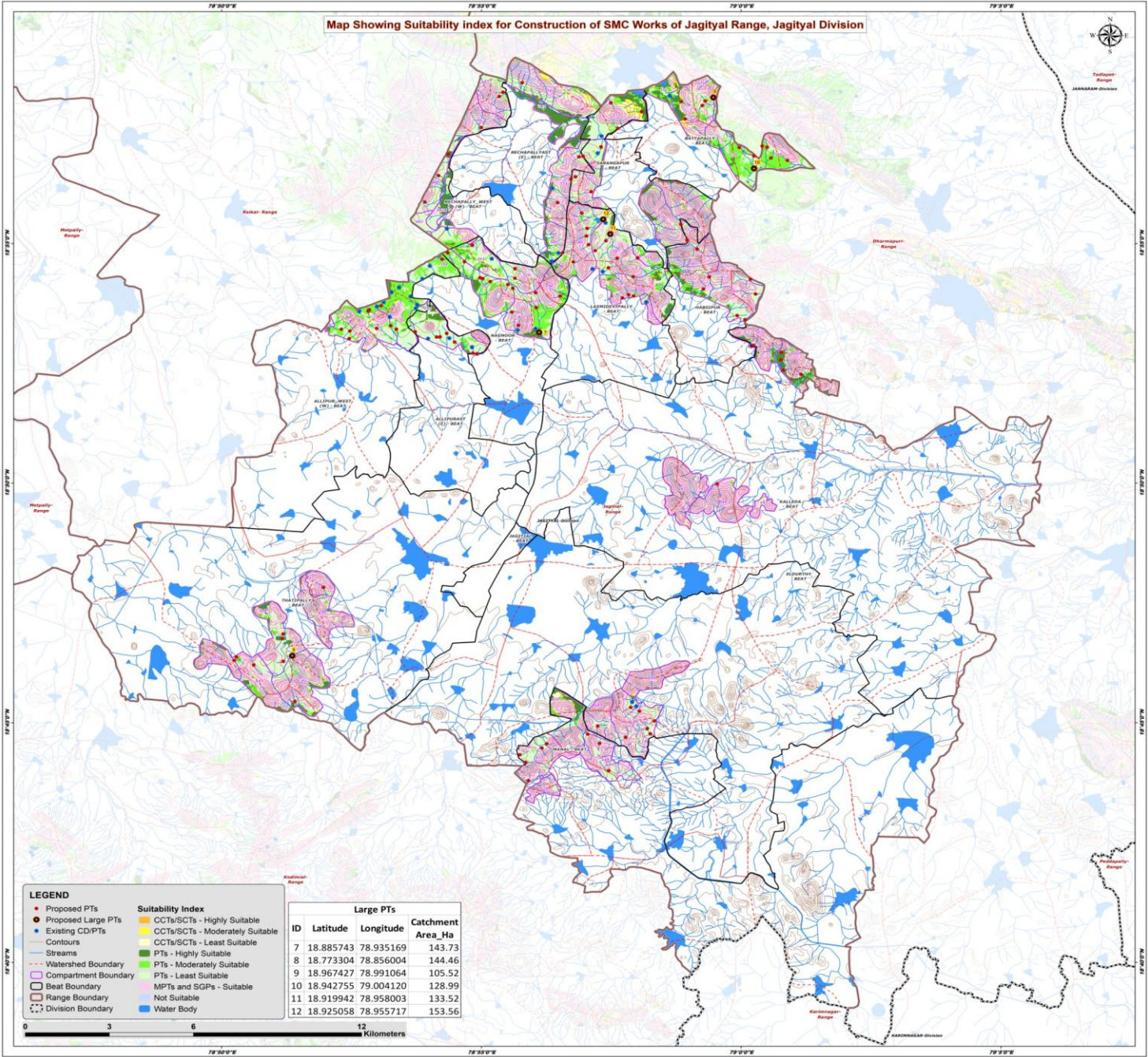
Map Showing Jagityal Range in Jagityal Division



0 5 10 20 Kilometers

Legend
Division Boundary
Range Boundary

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



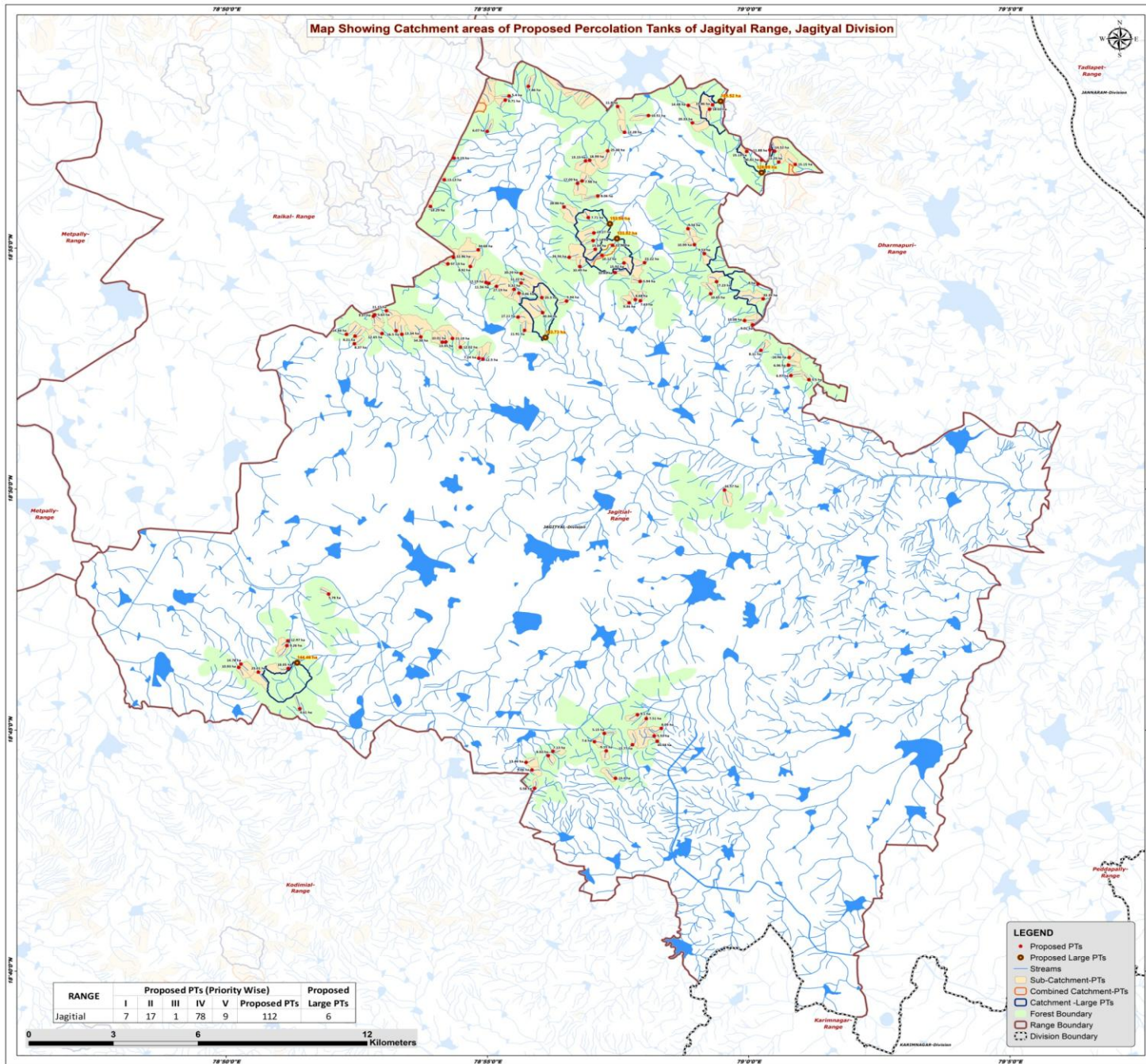
- LEGEND**
- Proposed PTs
 - Proposed Large PTs
 - Existing CD/PTs
 - Contours
 - Streams
 - - - Watershed Boundary
 - ▭ Compartment Boundary
 - ▭ Beat Boundary
 - ▭ Range Boundary
 - - - Division Boundary

- 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
7	18.885743	78.935169	143.73
8	18.773304	78.856004	144.46
9	18.967427	78.991064	105.52
10	18.942755	79.004120	128.99
11	18.919942	78.958003	133.52
12	18.925058	78.955717	153.56



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



RANGE	Proposed PTs (Priority Wise)					Proposed Large PTs
	I	II	III	IV	V	
Jagityal	7	17	1	78	9	112
						6

0 3 6 12 Kilometers

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

Beat wise Abstract of Proposed PT's – Jagtial Range

S. No.	Beat	Proposed PT's
1	ALLIPUR_EAST	6
2	ALLIPUR_WEST	10
3	BATTAPALLY	10
4	ELDURTHY	7
5	HABSIPUR	7
6	KALLEDA	6
7	LAXMIDEVIPALLY	15
8	MANAL	8
9	NAGNOOR	16
10	RECHAPALLY_EAST	4
11	RECHAPALLY_WEST	6
12	SARANGAPUR	9
13	THATIPALLY	8
	Total	112

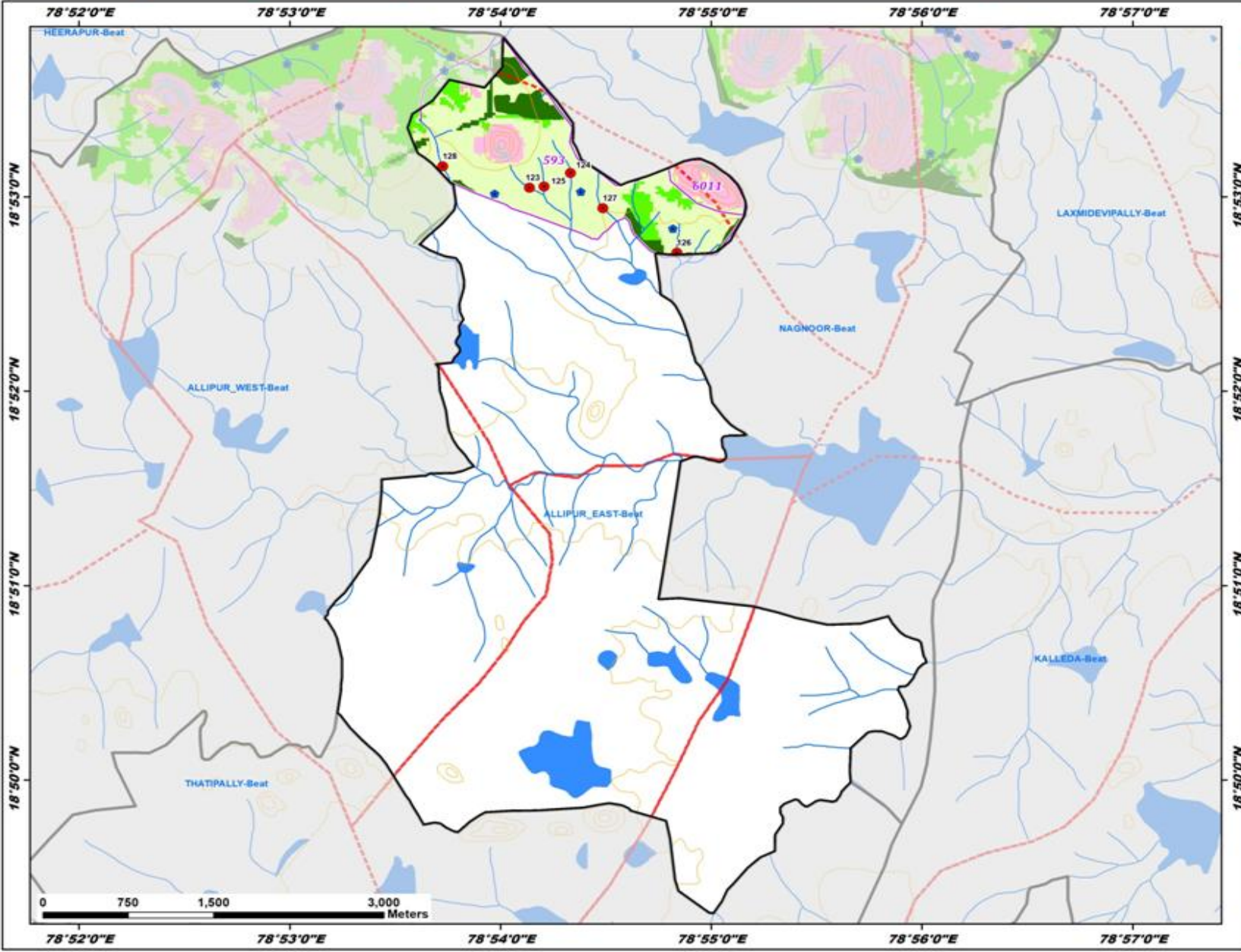
List of Proposed PTs – Jagtial Range

ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat	ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat	ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat
123	18.884130	78.902282	13.35	IV	ALLIPUR_EAST	163	18.738857	78.928990	13.46	IV	MANAL	203	18.905046	78.989768	17.23	IV	HABSIPUR
124	18.885388	78.905525	21.19	IV	ALLIPUR_EAST	164	18.736209	78.930898	9.06	IV	MANAL	204	18.899093	79.004639	33.39	V	HABSIPUR
125	18.884215	78.903426	10.01	IV	ALLIPUR_EAST	165	18.733353	78.957510	13.40	IV	MANAL	205	18.876191	79.012670	6.96	I	KALLEDA
126	18.878547	78.913935	7.24	IV	ALLIPUR_EAST	166	18.742823	78.954565	9.15	IV	MANAL	206	18.872580	79.013478	6.97	I	KALLEDA
127	18.882373	78.908085	12.02	IV	ALLIPUR_EAST	167	18.741179	78.936054	8.02	IV	MANAL	207	18.878811	79.012922	16.46	I	KALLEDA
128	18.885967	78.895412	54.38	V	ALLIPUR_EAST	168	18.742678	78.937588	7.13	IV	MANAL	208	18.881293	79.003918	8.11	II	KALLEDA
129	18.888066	78.887542	16.50	II	ALLIPUR_WEST	169	18.746022	78.950811	7.60	IV	MANAL	209	18.871141	79.019214	5.50	IV	KALLEDA
130	18.893112	78.880302	9.97	II	ALLIPUR_WEST	170	18.779220	78.852747	9.26	I	THATIPALLY	210	18.833026	78.992276	16.57	IV	KALLEDA
131	18.894999	78.884455	11.15	II	ALLIPUR_WEST	171	18.772859	78.838083	14.78	II	THATIPALLY	211	18.898425	78.965449	7.63	II	LAXMIDEVIPALLY
132	18.893604	78.880720	5.63	II	ALLIPUR_WEST	172	18.757375	78.856842	4.61	IV	THATIPALLY	212	18.908181	78.957398	10.83	II	LAXMIDEVIPALLY
133	18.911196	78.904047	57.13	IV	ALLIPUR_WEST	173	18.797035	78.866011	5.78	IV	THATIPALLY	213	18.927206	78.948846	7.71	IV	LAXMIDEVIPALLY
134	18.883596	78.874253	8.37	IV	ALLIPUR_WEST	174	18.771683	78.837351	10.93	IV	THATIPALLY	214	18.898833	78.963868	8.68	IV	LAXMIDEVIPALLY
135	18.886214	78.874464	8.21	IV	ALLIPUR_WEST	175	18.770061	78.843610	23.01	IV	THATIPALLY	215	18.919260	78.950396	5.14	IV	LAXMIDEVIPALLY
136	18.887121	78.883085	12.65	IV	ALLIPUR_WEST	176	18.771334	78.853140	18.05	IV	THATIPALLY	216	18.897745	78.961883	9.36	IV	LAXMIDEVIPALLY
137	18.886847	78.871716	14.48	IV	ALLIPUR_WEST	177	18.780865	78.853034	12.97	IV	THATIPALLY	217	18.914176	78.953198	10.12	IV	LAXMIDEVIPALLY
138	18.886847	78.889398	13.34	IV	ALLIPUR_WEST	178	18.939026	78.945411	17.05	IV	RECHAPALLY_EAST	218	18.911610	78.966788	23.22	IV	LAXMIDEVIPALLY
139	18.878324	78.915219	12.50	I	NAGNOOR	179	18.972573	78.929736	7.86	IV	RECHAPALLY_EAST	219	18.911507	78.960211	15.92	IV	LAXMIDEVIPALLY
140	18.913431	78.905865	22.96	II	NAGNOOR	180	18.946790	78.948004	13.15	IV	RECHAPALLY_EAST	220	18.916226	78.951070	15.04	IV	LAXMIDEVIPALLY
141	18.901086	78.926733	9.46	II	NAGNOOR	181	18.930881	78.941085	28.86	V	RECHAPALLY_EAST	221	18.921891	78.950629	19.27	IV	LAXMIDEVIPALLY
142	18.894351	78.934283	40.94	III	NAGNOOR	182	18.947740	78.906051	9.19	I	RECHAPALLY_WEST	222	18.910291	78.946151	10.49	IV	LAXMIDEVIPALLY
143	18.904586	78.927432	11.22	IV	NAGNOOR	183	18.967797	78.922348	8.71	IV	RECHAPALLY_WEST	223	18.905150	78.965394	5.94	IV	LAXMIDEVIPALLY
144	18.899521	78.934040	20.30	IV	NAGNOOR	184	18.956993	78.916617	6.07	IV	RECHAPALLY_WEST	224	18.913465	78.942730	26.56	V	LAXMIDEVIPALLY
145	18.907891	78.927430	20.29	IV	NAGNOOR	185	18.931031	78.898518	10.29	IV	RECHAPALLY_WEST	225	18.917626	78.956596	22.96	IV	LAXMIDEVIPALLY
146	18.904438	78.917113	11.56	IV	NAGNOOR	186	18.940244	78.902935	13.13	IV	RECHAPALLY_WEST	226	18.962450	78.968023	10.51	I	SARANGAPUR
147	18.904775	78.916238	12.19	IV	NAGNOOR	187	18.969258	78.923578	5.40	IV	RECHAPALLY_WEST	227	18.965633	78.958196	11.80	IV	SARANGAPUR
148	18.898367	78.941940	5.94	IV	NAGNOOR	188	18.946390	79.009555	13.29	II	BATTAPALLY	228	18.934669	78.951887	8.06	IV	SARANGAPUR
149	18.888202	78.928528	11.91	IV	NAGNOOR	189	18.945580	79.014840	15.15	II	BATTAPALLY	229	18.939850	78.946855	7.98	IV	SARANGAPUR
150	18.902403	78.925197	5.32	IV	NAGNOOR	190	18.966001	78.980755	14.48	II	BATTAPALLY	230	18.917858	78.982708	10.99	IV	SARANGAPUR
151	18.910311	78.911223	8.92	IV	NAGNOOR	191	18.959952	78.982030	20.33	II	BATTAPALLY	231	18.956718	78.960430	12.28	IV	SARANGAPUR
152	18.892805	78.926441	17.11	IV	NAGNOOR	192	18.950554	79.006738	11.88	II	BATTAPALLY	232	18.923355	78.980649	9.56	IV	SARANGAPUR
153	18.903414	78.919541	27.19	V	NAGNOOR	193	18.950073	78.999370	15.13	II	BATTAPALLY	233	18.946999	78.949283	18.99	IV	SARANGAPUR
154	18.916046	78.913756	34.68	V	NAGNOOR	194	18.950120	79.008281	14.52	II	BATTAPALLY	234	18.950259	78.955063	25.48	V	SARANGAPUR
155	18.748021	78.969897	5.53	IV	ELDURTHY	195	18.964666	78.987543	18.02	IV	BATTAPALLY						
156	18.748854	78.953959	5.15	IV	ELDURTHY	196	18.966191	78.988478	15.86	IV	BATTAPALLY						
157	18.744963	78.962914	13.77	IV	ELDURTHY	197	18.947087	79.004104	30.81	V	BATTAPALLY						
158	18.750591	78.972144	8.09	IV	ELDURTHY	198	18.900848	78.987860	10.65	IV	HABSIPUR						
159	18.755346	78.964550	9.10	IV	ELDURTHY	199	18.890178	79.001240	9.01	IV	HABSIPUR						
160	18.754001	78.967339	7.51	IV	ELDURTHY	200	18.914741	78.985836	9.53	IV	HABSIPUR						
161	18.746140	78.970842	35.58	V	ELDURTHY	201	18.891617	78.998696	10.08	IV	HABSIPUR						
162	18.729873	78.931700	5.58	IV	MANAL	202	18.904245	79.002989	8.00	IV	HABSIPUR						

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



Division : Jagtial
Range : Jagtial



ID	Latitude	Longitude	Catchment Area_Ha	Priority
123	18.884130	78.902282	13.35	IV
124	18.885388	78.905525	21.19	IV
125	18.884215	78.903426	10.01	IV
126	18.878547	78.913935	7.24	IV
127	18.882373	78.908085	12.02	IV
128	18.885967	78.895412	54.38	V

Legend

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

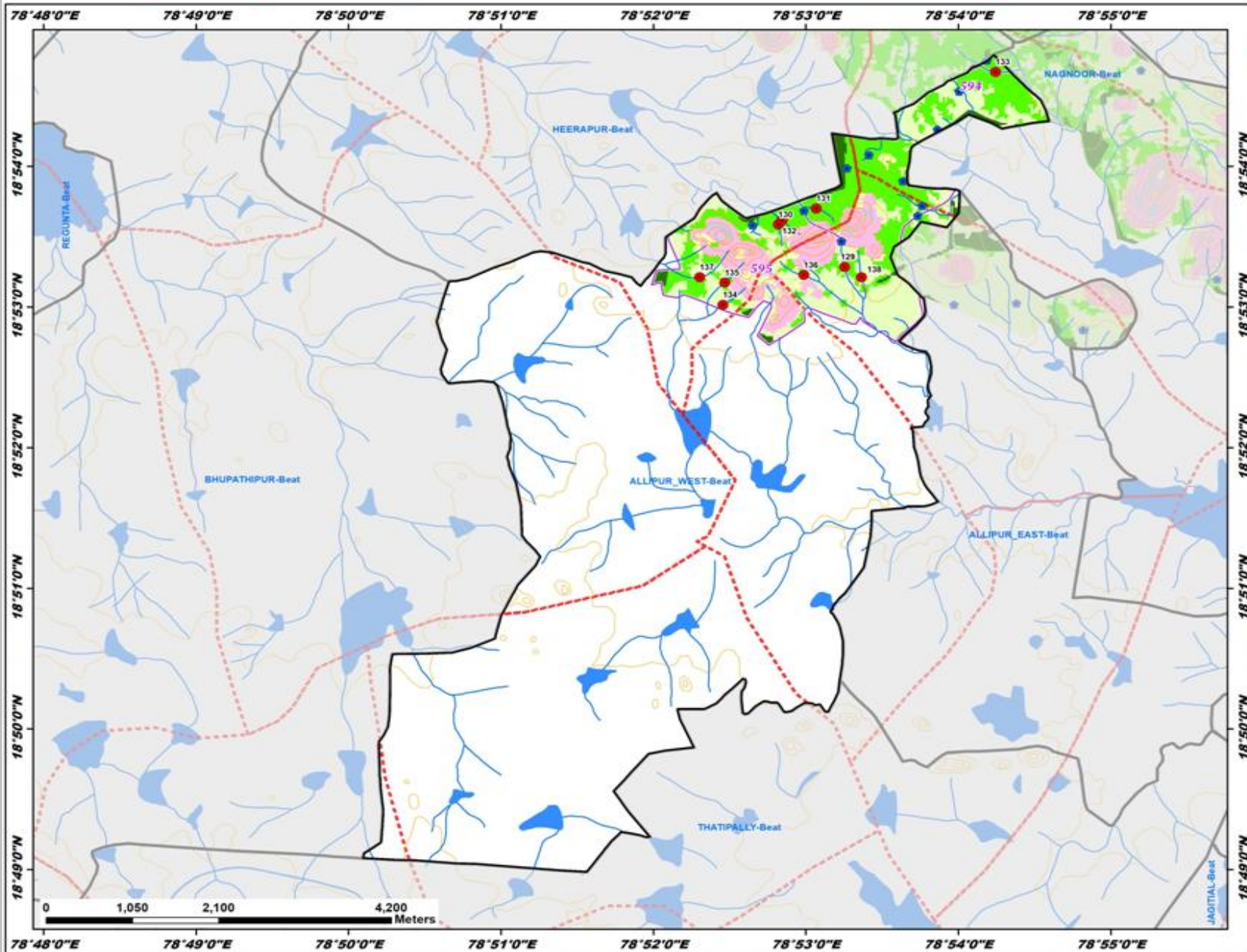
Suitability Index

- 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 Allipur West Beat



Division : Jagtial
Range : Jagtial



ID	Latitude	Longitude	Catchment Area_Ha	Priority
129	18.888066	78.887542	16.50	II
130	18.893112	78.880302	9.97	II
131	18.894999	78.884455	11.15	II
132	18.893604	78.880720	5.63	II
133	18.911196	78.904047	57.13	IV
134	18.883596	78.874253	8.37	IV
135	18.886214	78.874464	8.21	IV
136	18.887121	78.883085	12.65	IV
137	18.886847	78.871716	14.48	IV
138	18.886847	78.889398	13.34	IV

Legend

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

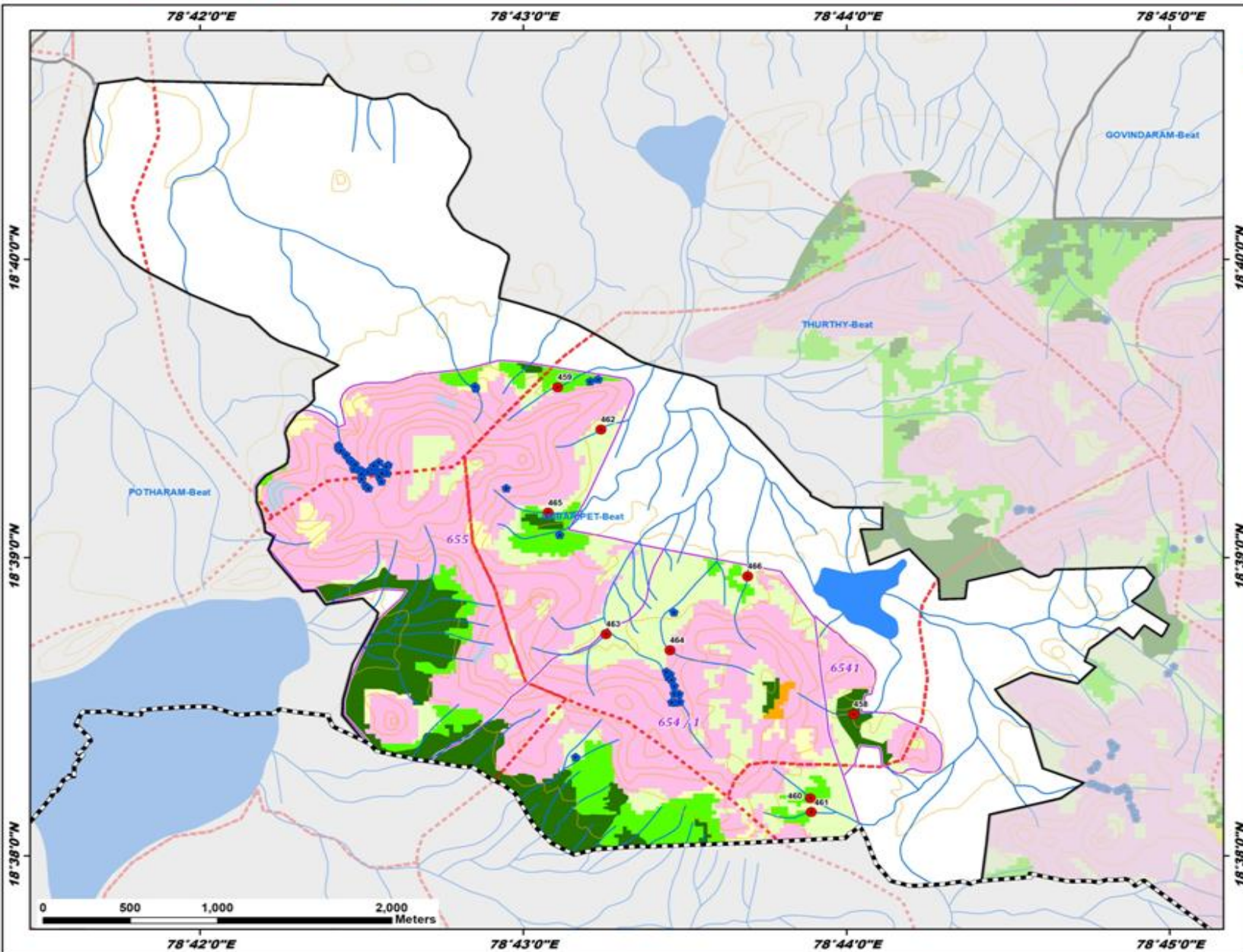
Suitability Index

- 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 Ambaripet Beat



Division : Jagtial
Range : Jagtial



ID	Latitude	Longitude	Catchment Area_Ha	Priority
458	18.641235	78.733696	16.74	I
459	18.659519	78.718433	15.09	II
460	18.636543	78.731462	10.02	II
461	18.635766	78.731510	7.31	IV
462	18.657154	78.720656	8.22	IV
463	18.645712	78.720928	18.75	IV
464	18.644807	78.724231	12.49	IV
465	18.652498	78.717936	11.93	IV
466	18.648952	78.728224	13.12	IV

Legend

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

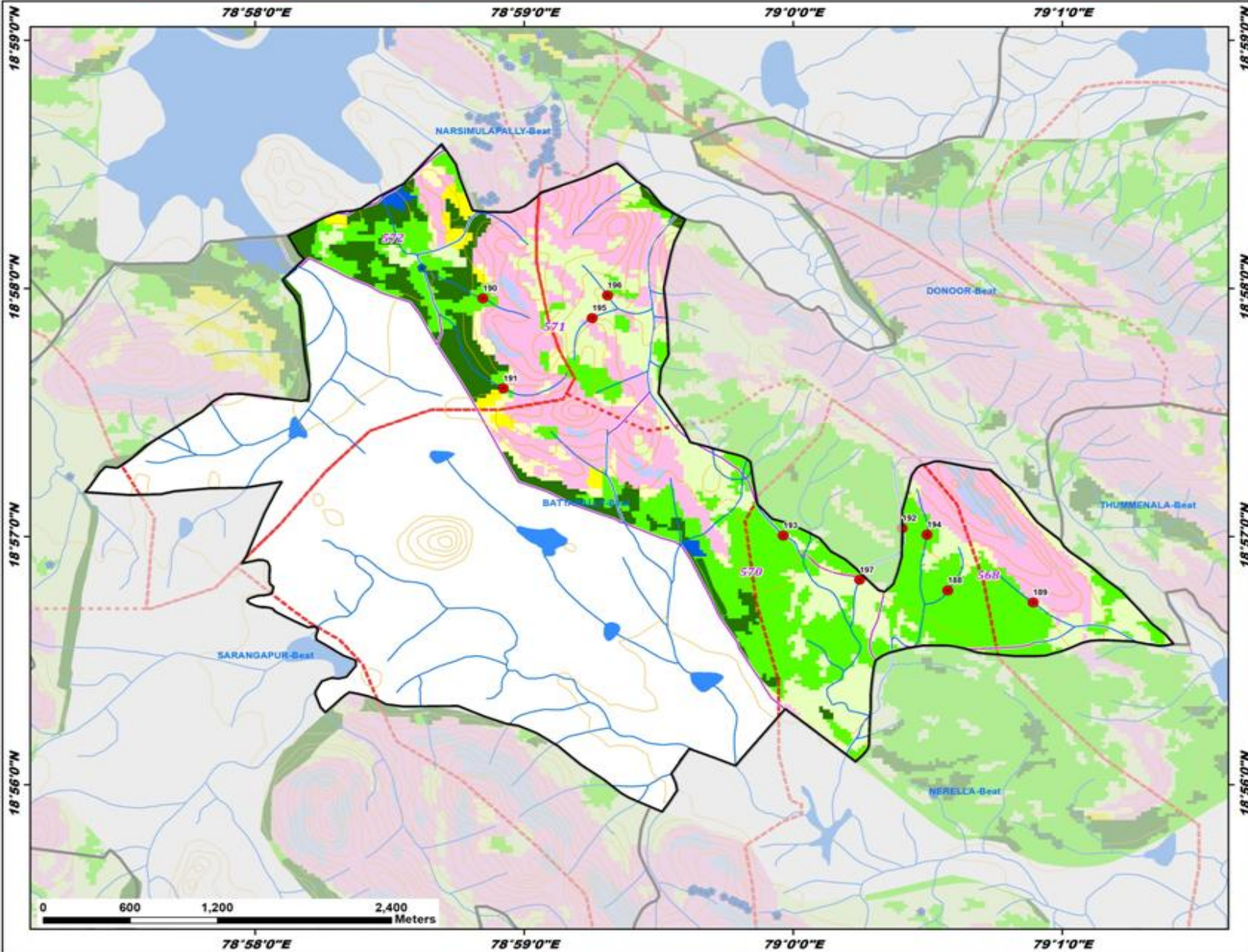
Suitability Index

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

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



Division : Jagtial
Range : Jagtial



ID	Latitude	Longitude	Catchment Area_Ha	Priority
188	18.946390	79.009555	13.29	II
189	18.945580	79.014840	15.15	II
190	18.966001	78.980755	14.48	II
191	18.959952	78.982030	20.33	II
192	18.950554	79.006738	11.88	II
193	18.950073	78.999370	15.13	II
194	18.950120	79.008281	14.52	II
195	18.964666	78.987543	18.02	IV
196	18.966191	78.988478	15.86	IV
197	18.947087	79.004104	30.81	V

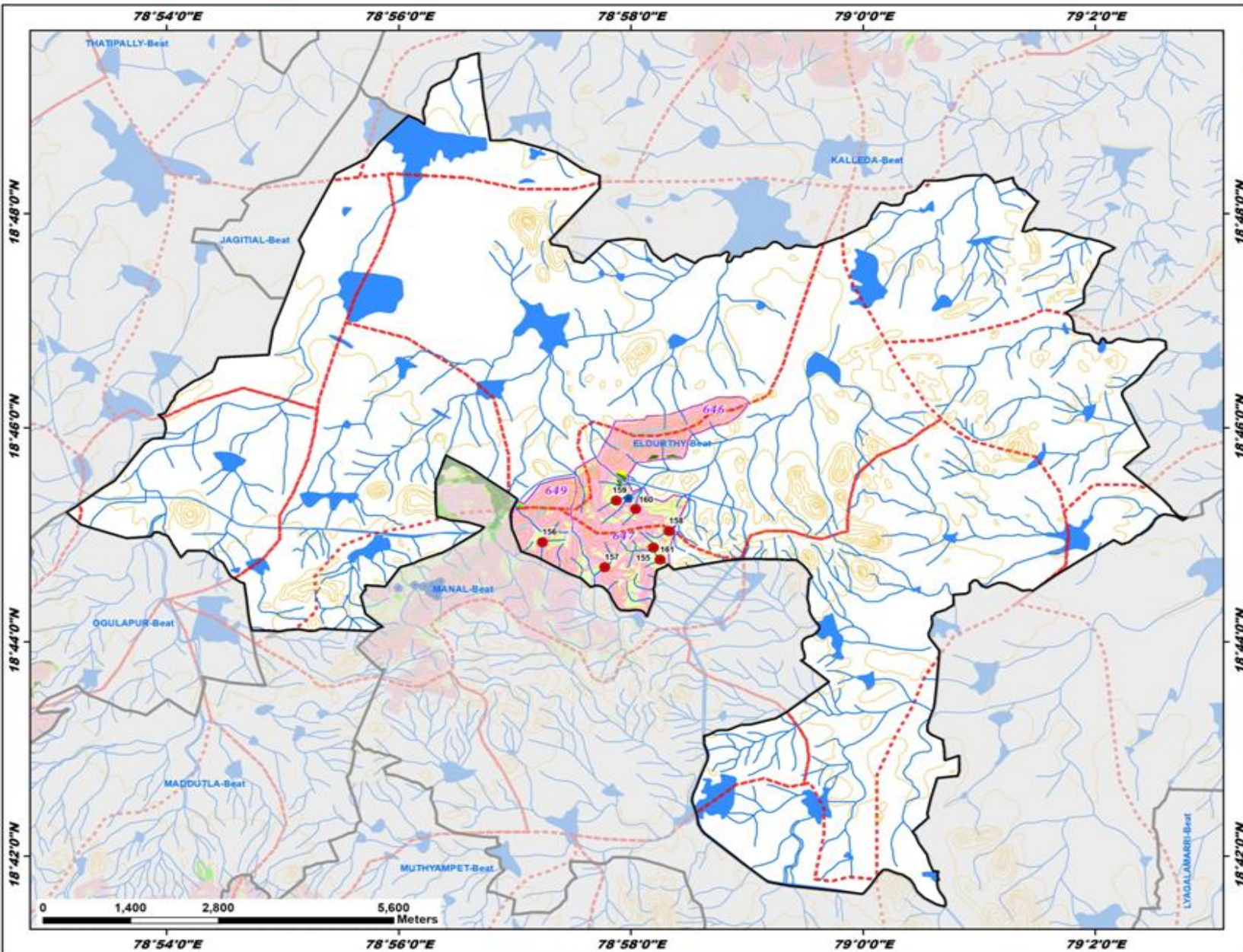
Legend

- 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 Eldurthy Beat



Division : Jagtial
Range : Jagtial



ID	Latitude	Longitude	Catchment Area_Ha	Priority
155	18.748021	78.969897	5.53	IV
156	18.748854	78.953959	5.15	IV
157	18.744963	78.962914	13.77	IV
158	18.750591	78.972144	8.09	IV
159	18.755346	78.964550	9.10	IV
160	18.754001	78.967339	7.51	IV
161	18.746140	78.970842	35.58	V

Legend

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

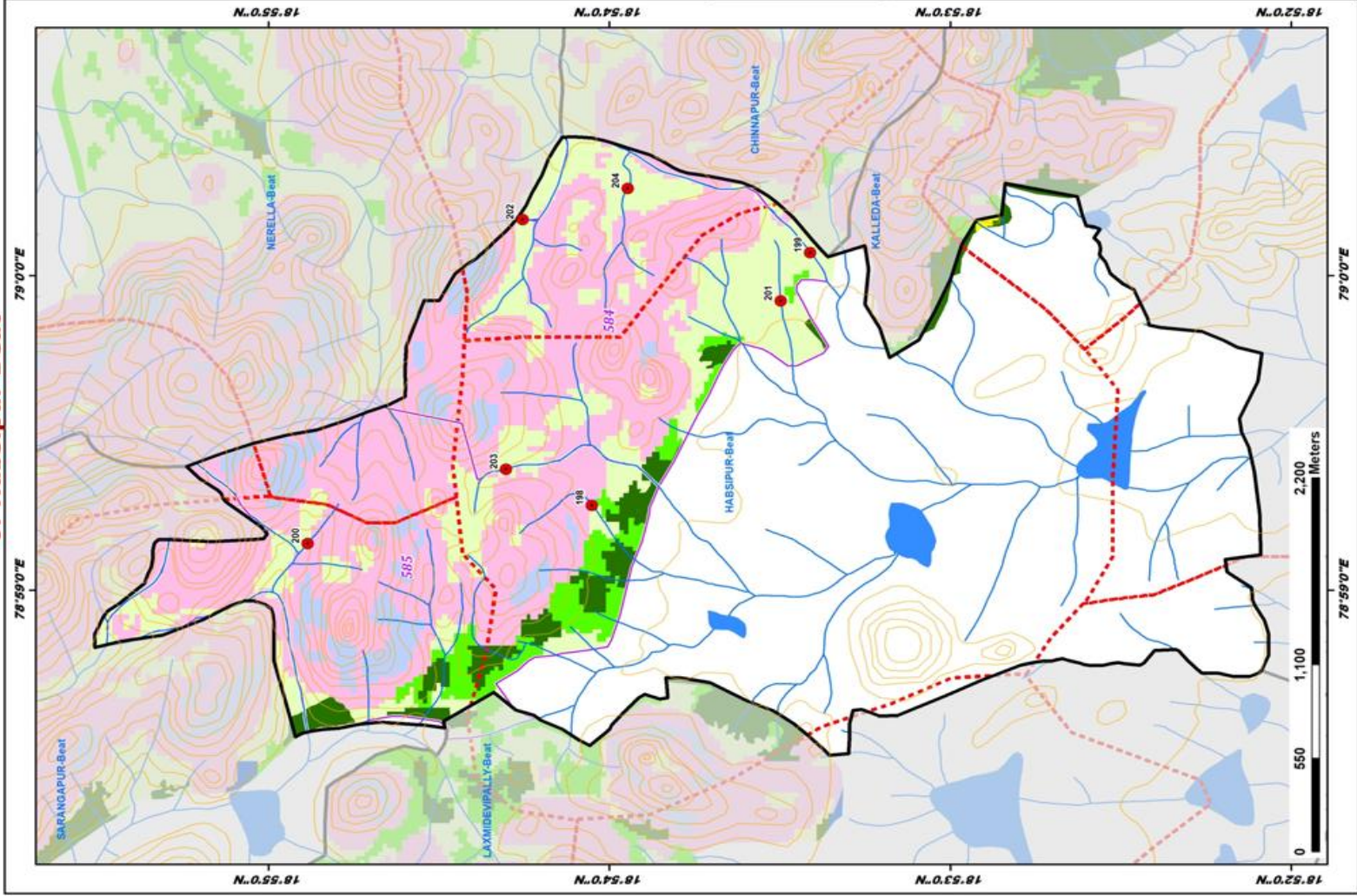
Suitability Index

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

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



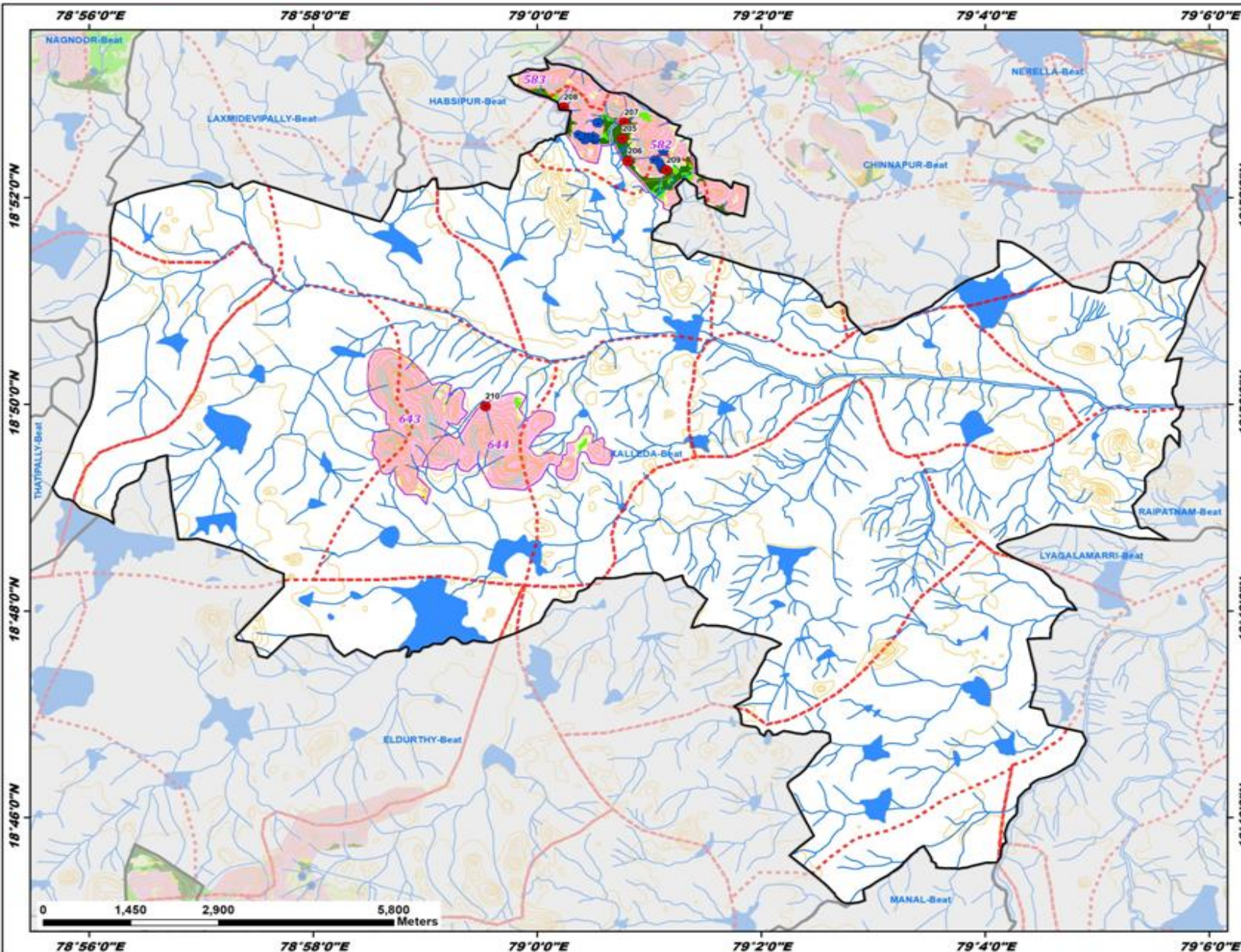
Division : Jagtial
Range : Jagtial



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



Division : Jagtial
Range : Jagtial



ID	Latitude	Longitude	Catchment Area_Ha	Priority
205	18.876191	79.012670	6.96	I
206	18.872580	79.013478	6.97	I
207	18.878811	79.012922	16.46	I
208	18.881293	79.003918	8.11	II
209	18.871141	79.019214	5.50	IV
210	18.833026	78.992276	16.57	IV

Legend

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

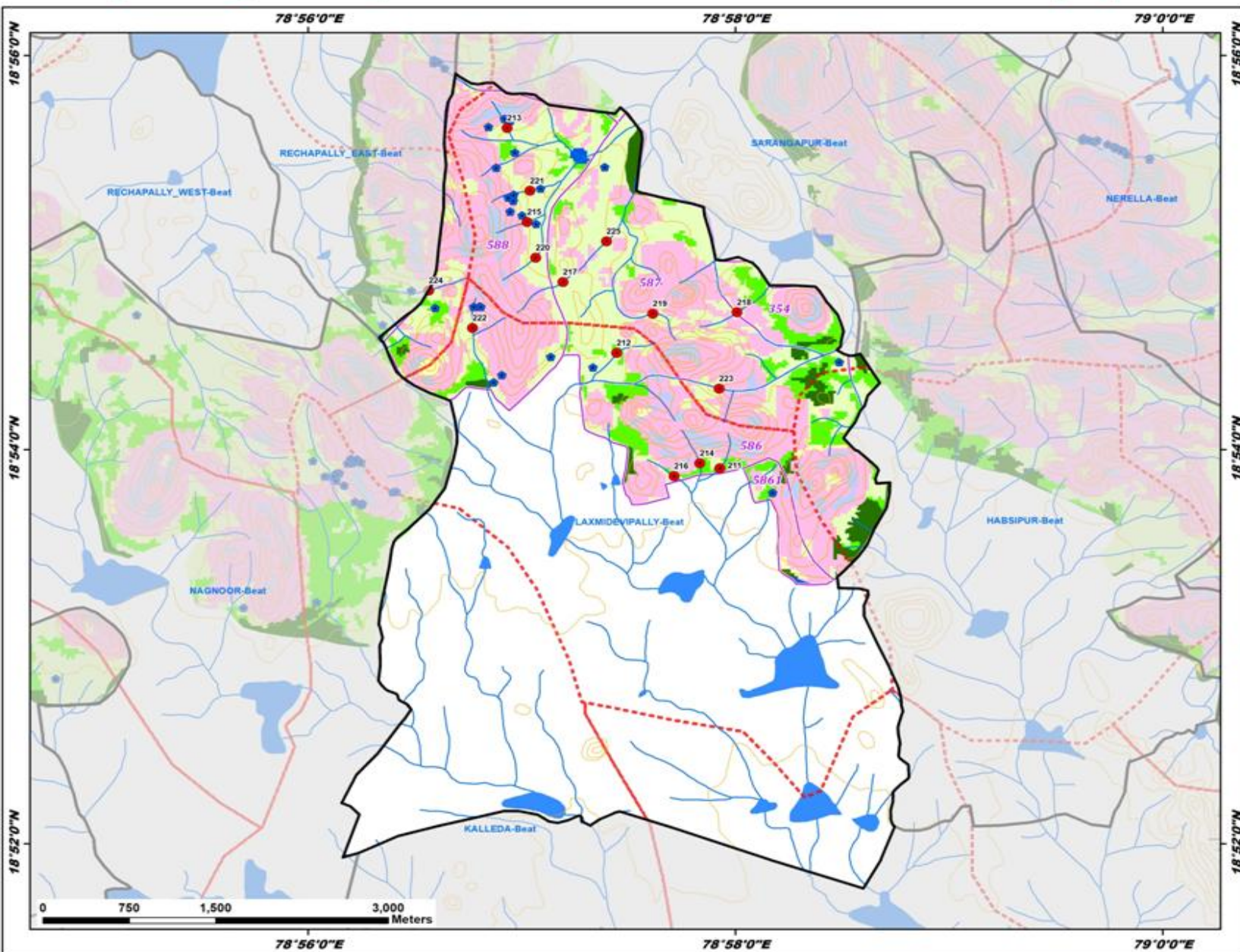
Suitability Index

- 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 Laxmidevipally Beat



Division : Jagtial
Range : Jagtial



ID	Latitude	Longitude	Catchment Area_Ha	Priority
211	18.898425	78.965449	7.63	II
212	18.908181	78.957398	10.83	II
213	18.927206	78.948846	7.71	IV
214	18.898833	78.963868	8.68	IV
215	18.919260	78.950396	5.14	IV
216	18.897745	78.961883	9.36	IV
217	18.914176	78.953198	10.12	IV
218	18.911610	78.966788	23.22	IV
219	18.911507	78.960211	15.92	IV
220	18.916226	78.951070	15.04	IV
221	18.921891	78.950629	19.27	IV
222	18.910291	78.946151	10.49	IV
223	18.905150	78.965394	5.94	IV
224	18.913465	78.942730	26.56	V
225	18.917626	78.956596	22.96	IV

Legend

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

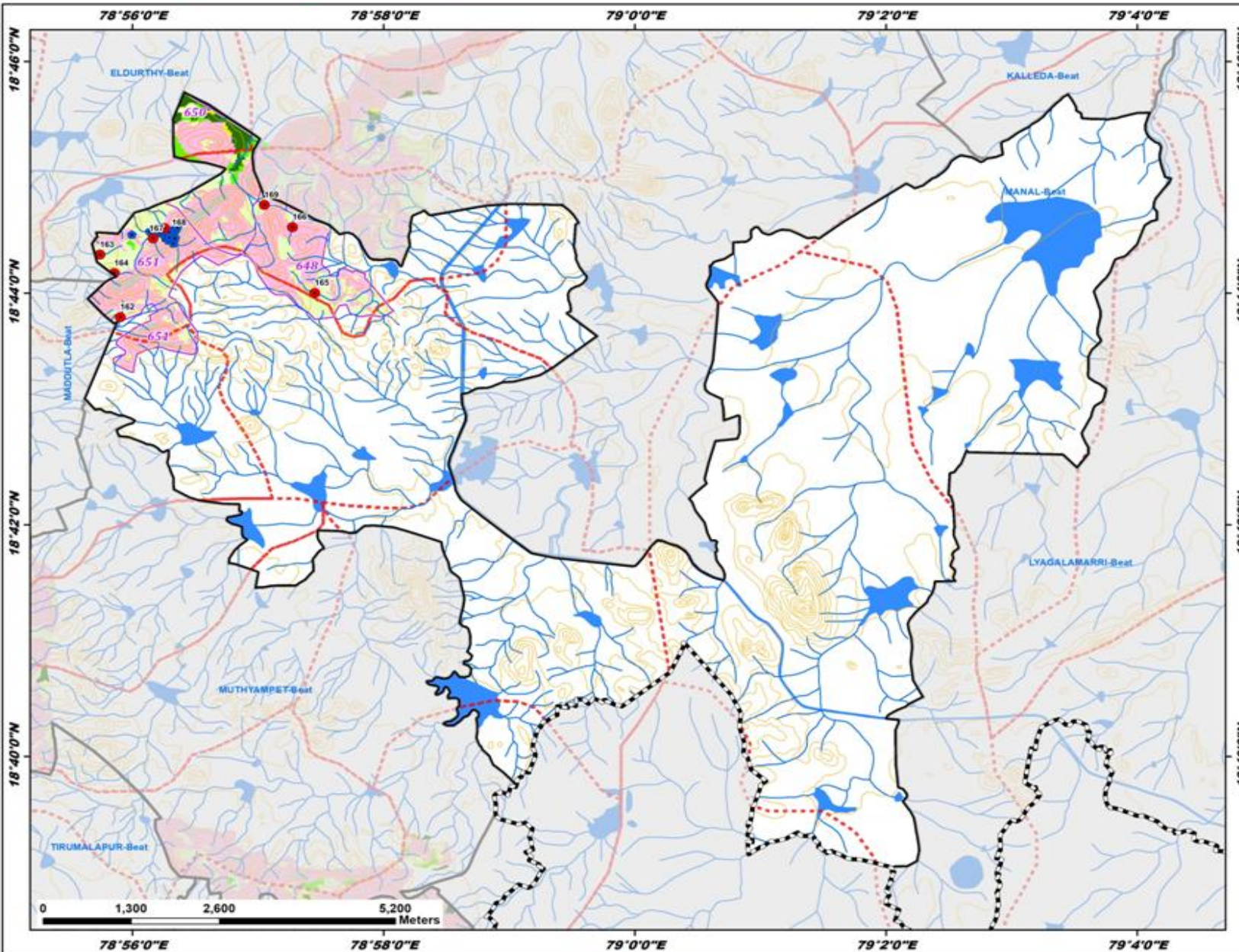
Suitability Index

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

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



Division : Jagtial
Range : Jagtial



ID	Latitude	Longitude	Catchment Area_Ha	Priority
162	18.729873	78.931700	5.58	IV
163	18.738857	78.928990	13.46	IV
164	18.736209	78.930898	9.06	IV
165	18.733353	78.957510	13.40	IV
166	18.742823	78.954565	9.15	IV
167	18.741179	78.936054	8.02	IV
168	18.742678	78.937588	7.13	IV
169	18.746022	78.950811	7.60	IV

Legend

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

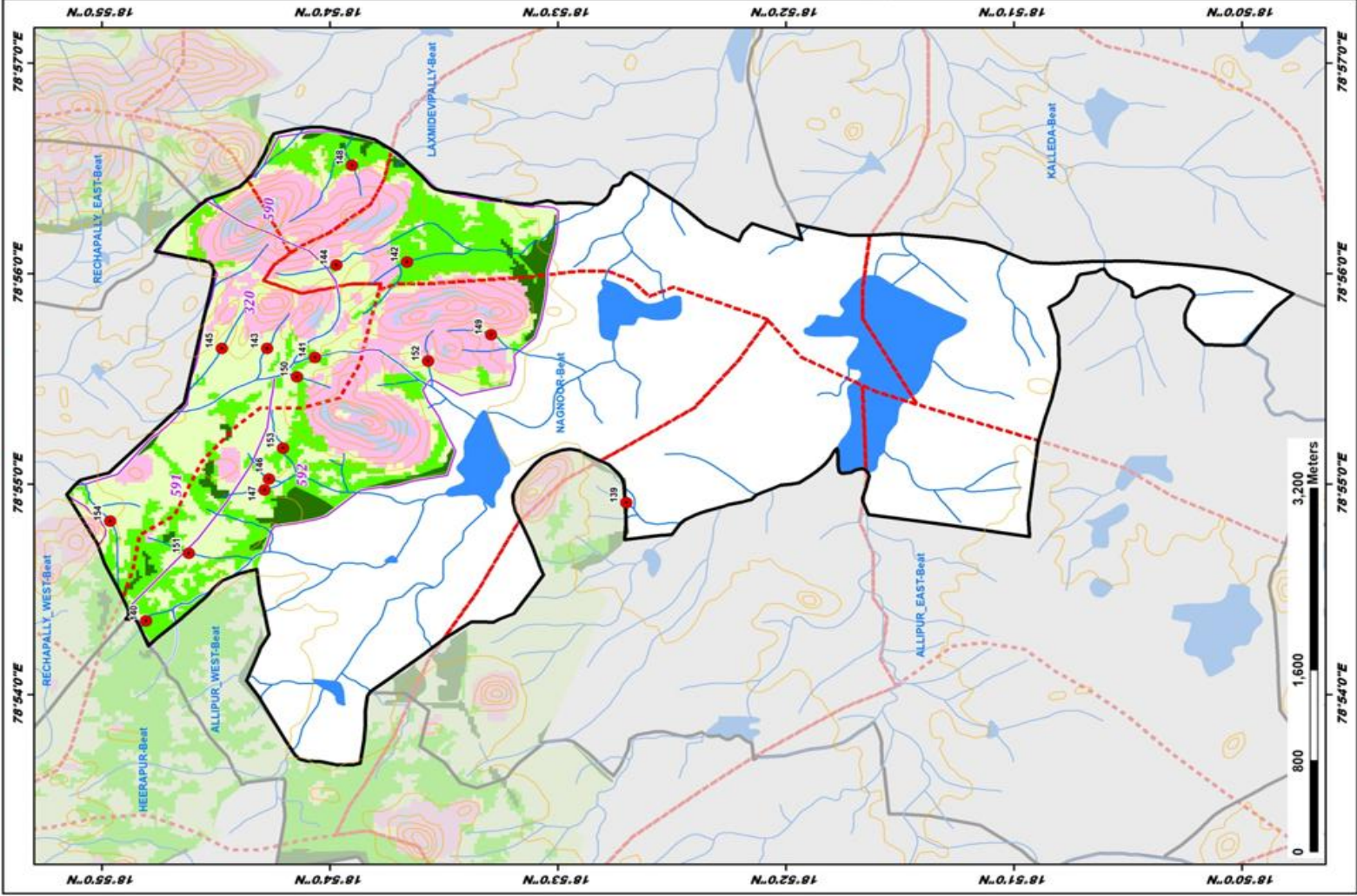
Suitability Index

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

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



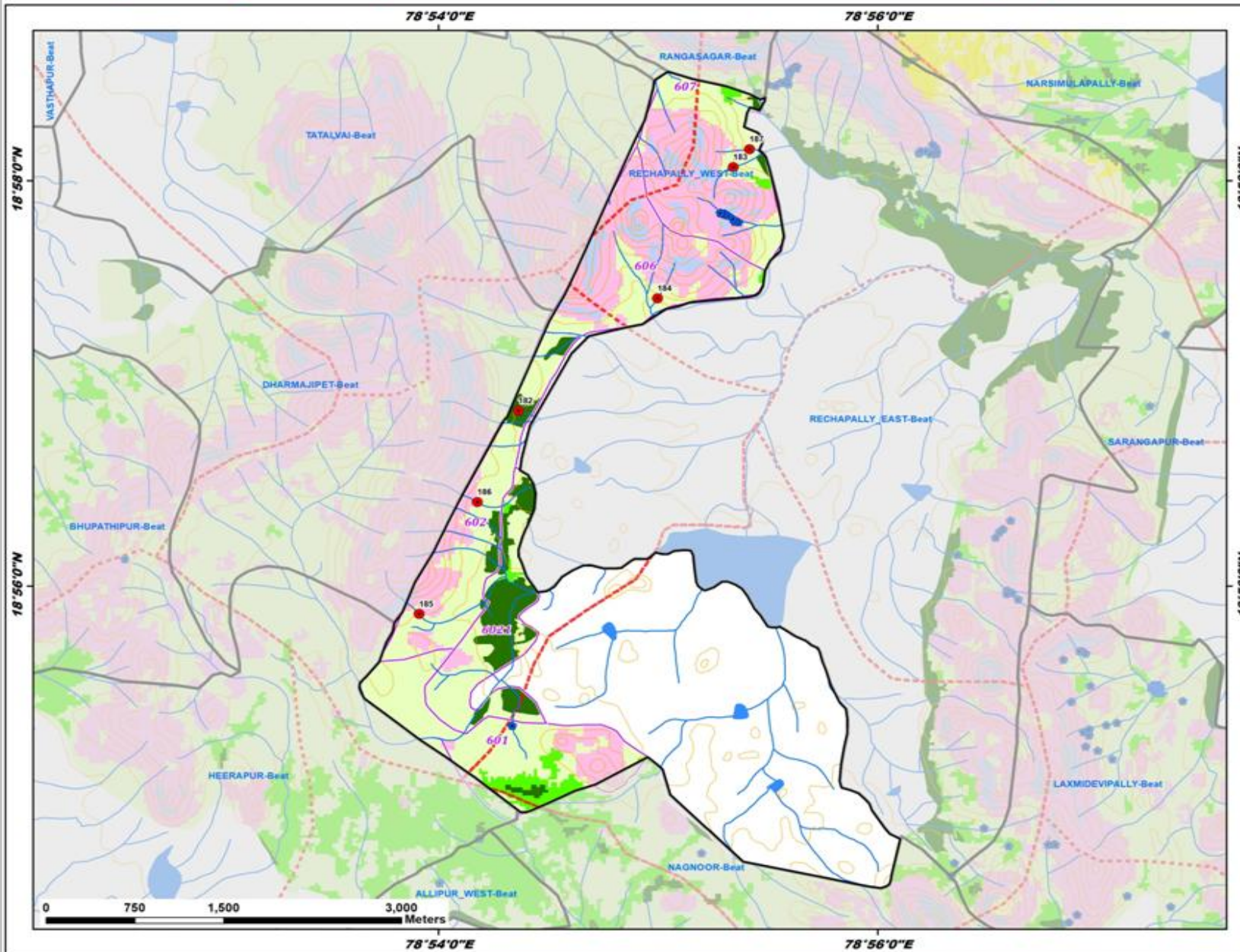
Division : Jagtial
Range : Jagtial



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



Division : Jagtial
Range : Jagtial



ID	Latitude	Longitude	Catchment Area_Ha	Priority
182	18.947740	78.906051	9.19	I
183	18.967797	78.922348	8.71	IV
184	18.956993	78.916617	6.07	IV
185	18.931031	78.898518	10.29	IV
186	18.940244	78.902935	13.13	IV
187	18.969258	78.923578	5.40	IV

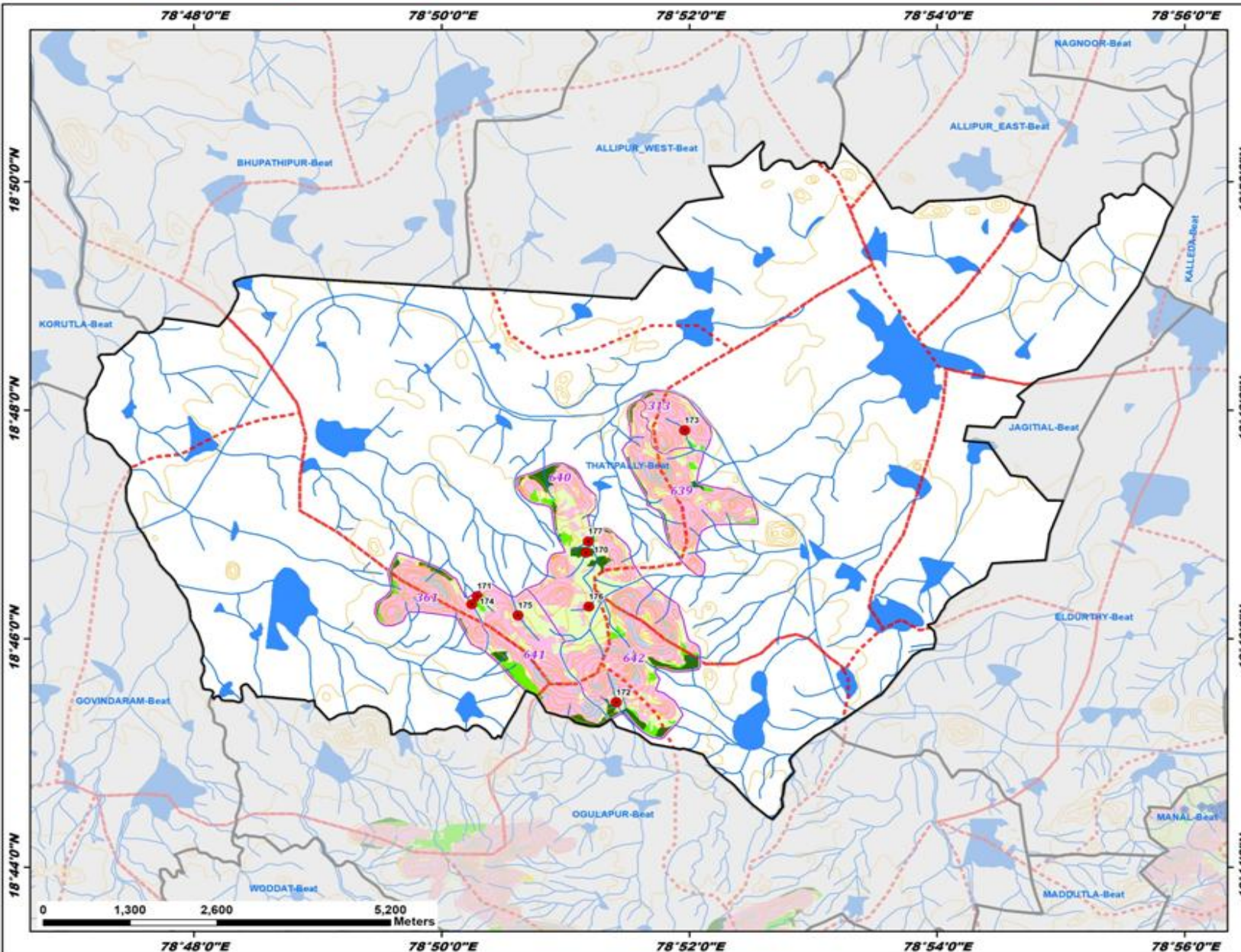
Legend

- 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 Thatipally Beat



Division : Jagtial
Range : Jagtial

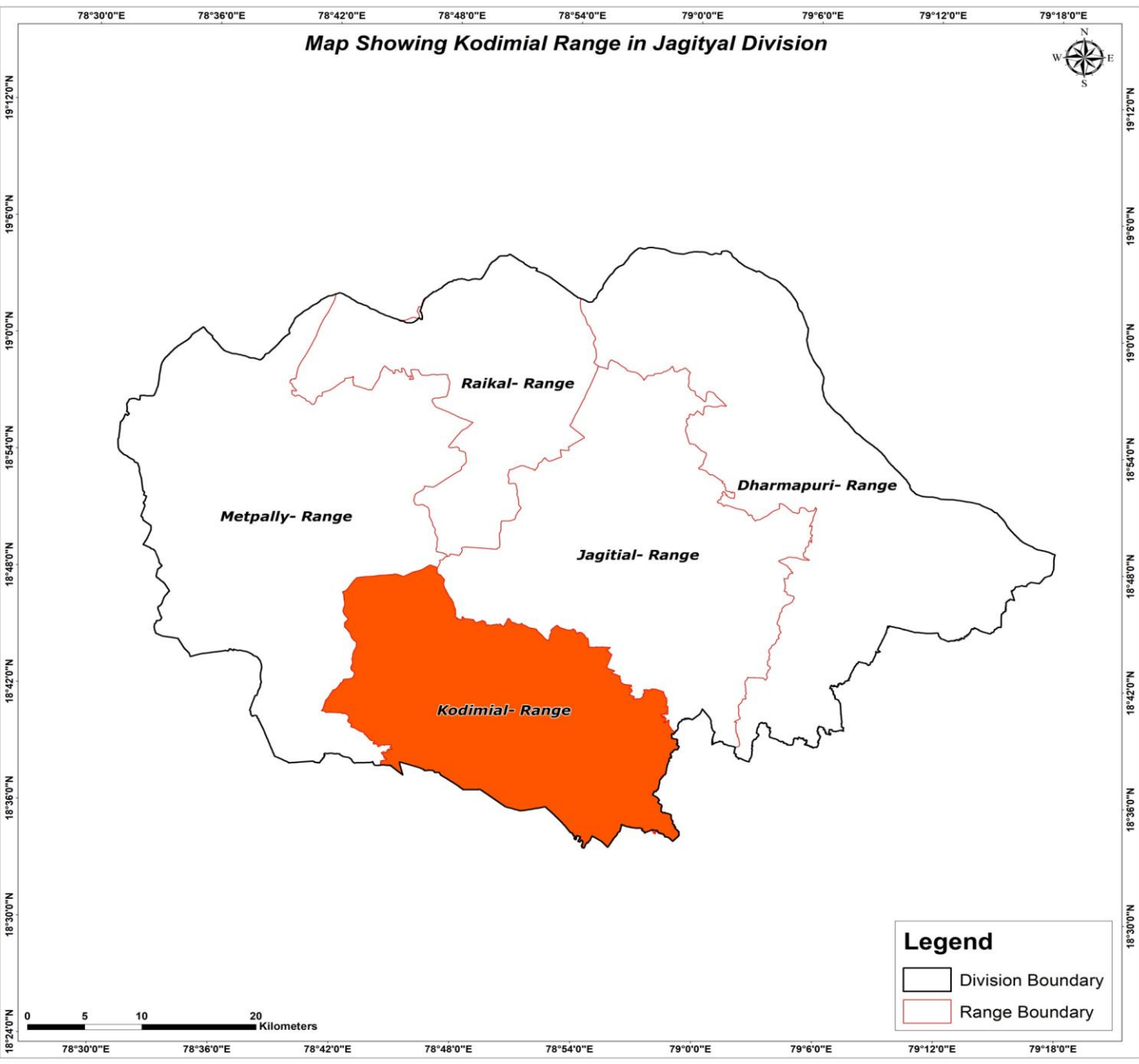


ID	Latitude	Longitude	Catchment Area_Ha	Priority
170	18.779220	78.852747	9.26	I
171	18.772859	78.838083	14.78	II
172	18.757375	78.856842	4.61	IV
173	18.797035	78.866011	5.78	IV
174	18.771683	78.837351	10.93	IV
175	18.770061	78.843610	23.01	IV
176	18.771334	78.853140	18.05	IV
177	18.780865	78.853034	12.97	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

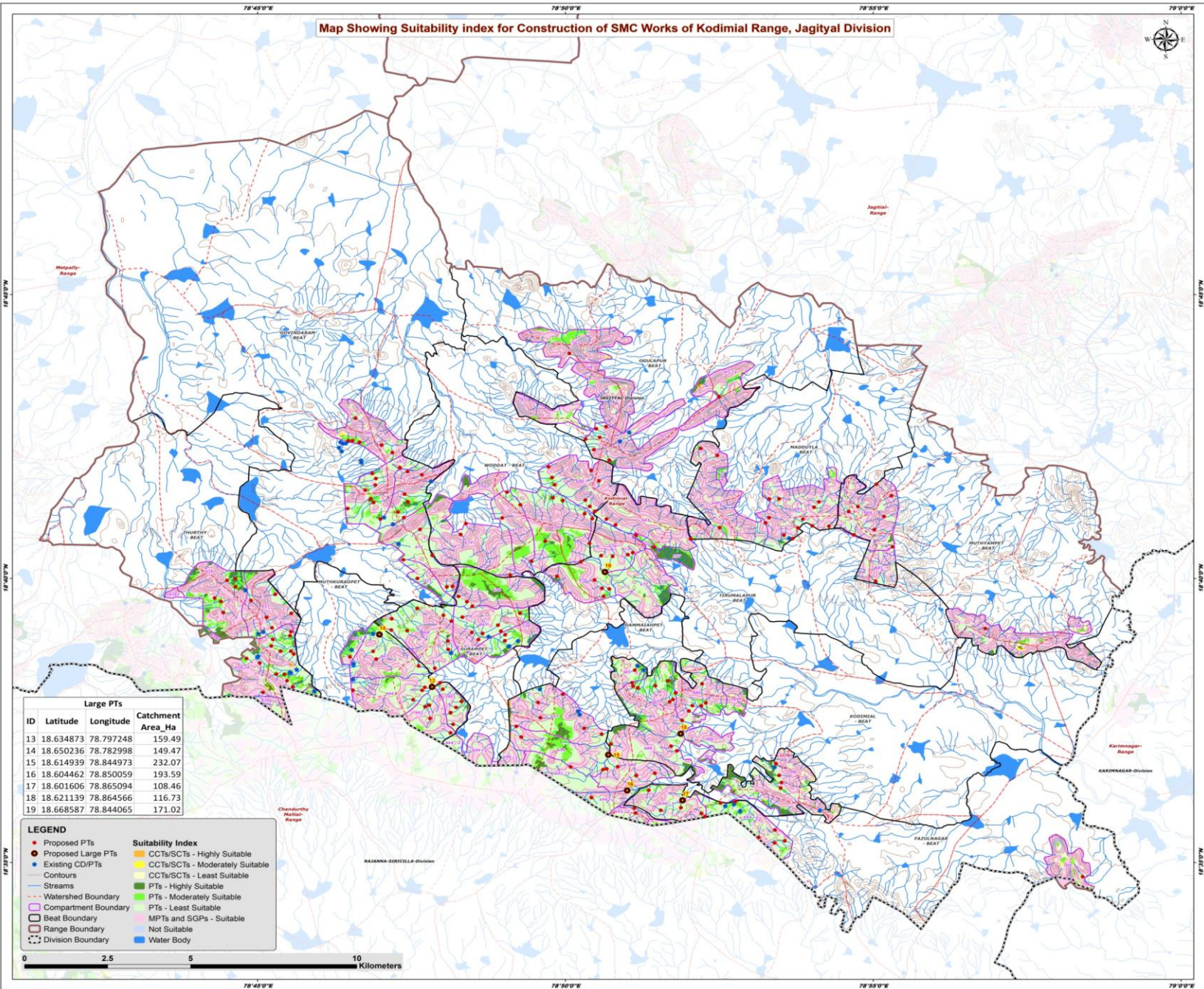
Map Showing Kodimial Range in Jagityal Division



Legend

- Division Boundary
- Range Boundary

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

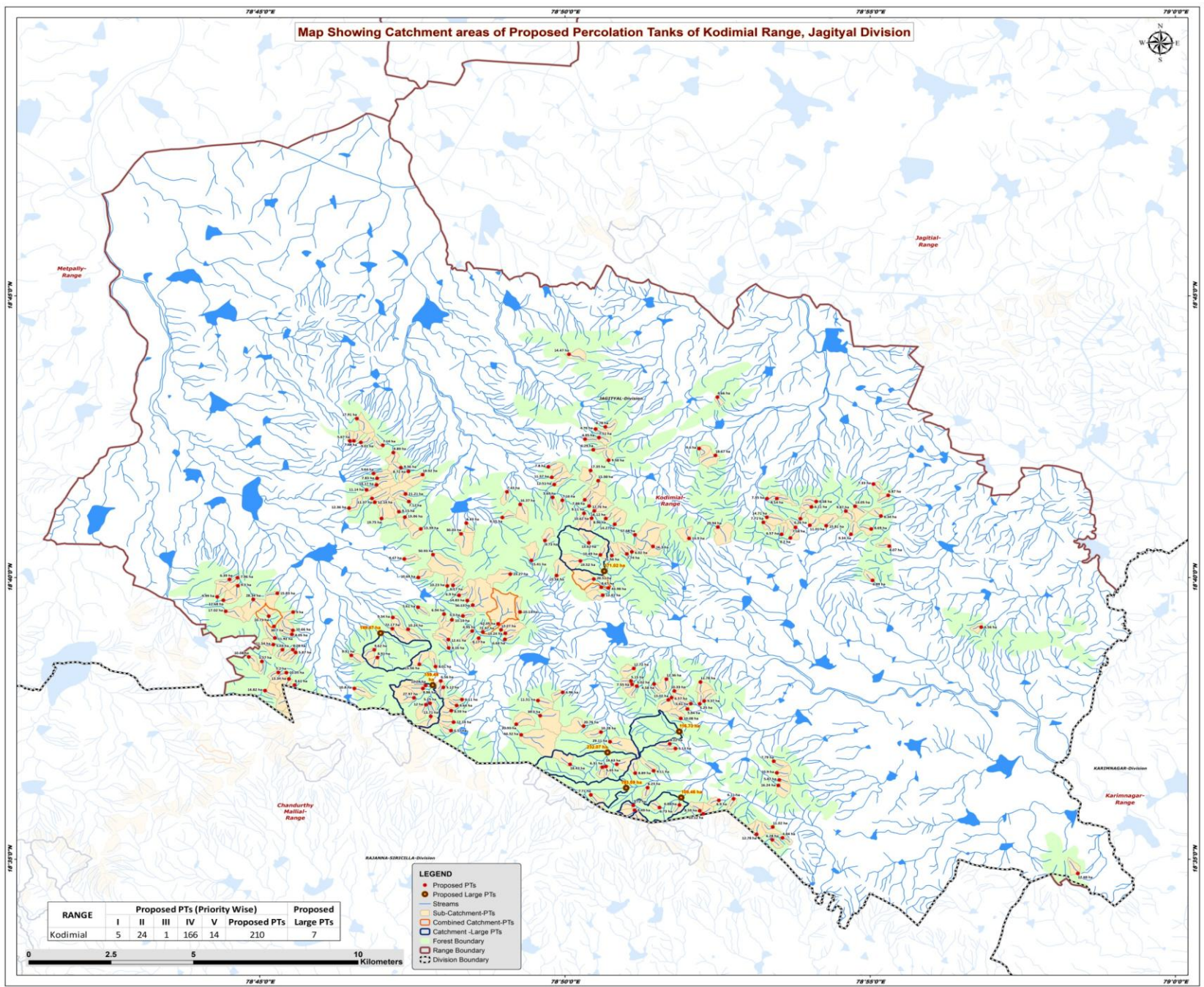


Large PTs			
ID	Latitude	Longitude	Catchment Area_Ha
13	18.634873	78.797248	159.49
14	18.650236	78.782998	149.47
15	18.614939	78.844973	232.07
16	18.604462	78.850059	193.59
17	18.601606	78.865094	108.46
18	18.621139	78.864566	116.73
19	18.668587	78.844065	171.02

- LEGEND**
- Proposed 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 Kodimial Range, Jagityal Division



RANGE	Proposed PTs (Priority Wise)					Proposed Large PTs
	I	II	III	IV	V	
Kodimial	5	24	1	166	14	210

LEGEND

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



78°45'0"E 78°50'0"E 78°55'0"E 79°0'0"E

Beat wise Abstract of Proposed PT's – Kodimial Range

S. No.	Beat	Proposed PT's
1	DAMMAIAHPET	20
2	FAZULNAGAR	12
3	GOVINDARAM	27
4	KODIMIAL	18
5	MADDUTLA	15
6	MUTHKURAOPET	17
7	MUTHYAMPET	9
8	OGULAPUR	8
9	SURAMPET	22
10	THURTHY	25
11	TIRUMALAPUR	16
12	WODDAT	21
	Total	210

List of Proposed PTs – Kodimial 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
235	18.689162	78.790744	7.12	I	GOVINDARAM	275	18.627311	78.802296	8.59	IV	MUTHKURAOPET	315	18.684440	78.816266	6.55	IV	WODDAT
236	18.690096	78.780643	11.37	I	GOVINDARAM	276	18.641015	78.793583	15.56	IV	MUTHKURAOPET	316	18.696319	78.829759	11.57	IV	WODDAT
237	18.686152	78.788036	8.15	II	GOVINDARAM	277	18.625636	78.796710	13.71	IV	MUTHKURAOPET	317	18.699430	78.828805	7.80	IV	WODDAT
238	18.707103	78.775720	7.48	II	GOVINDARAM	278	18.631090	78.792123	27.97	V	MUTHKURAOPET	318	18.698344	78.840346	17.35	IV	WODDAT
239	18.706671	78.777596	9.01	II	GOVINDARAM	279	18.666649	78.743953	7.96	I	THURTHY	319	18.682797	78.806433	6.43	IV	WODDAT
240	18.707125	78.774605	5.67	II	GOVINDARAM	280	18.645344	78.759055	8.28	II	THURTHY	320	18.686415	78.841355	16.12	IV	WODDAT
241	18.681071	78.793996	13.39	IV	GOVINDARAM	281	18.643221	78.747016	10.08	II	THURTHY	321	18.688322	78.821120	16.37	IV	WODDAT
242	18.694113	78.781895	14.17	IV	GOVINDARAM	282	18.659977	78.740078	11.68	II	THURTHY	322	18.689701	78.838780	7.88	IV	WODDAT
243	18.696024	78.782059	7.83	IV	GOVINDARAM	283	18.660966	78.738419	9.99	II	THURTHY	323	18.667716	78.818422	23.27	IV	WODDAT
244	18.666691	78.793297	10.69	IV	GOVINDARAM	284	18.664250	78.744031	9.30	II	THURTHY	324	18.679602	78.805000	30.03	V	WODDAT
245	18.687211	78.774402	12.36	IV	GOVINDARAM	285	18.645352	78.756232	5.03	II	THURTHY	325	18.605197	78.891621	16.24	II	DAMMAIAHPET
246	18.697120	78.794471	14.32	IV	GOVINDARAM	286	18.638559	78.757292	10.05	II	THURTHY	326	18.610603	78.843562	6.31	IV	DAMMAIAHPET
247	18.672182	78.789498	8.47	IV	GOVINDARAM	287	18.638610	78.755095	5.20	II	THURTHY	327	18.632725	78.832737	6.96	IV	DAMMAIAHPET
248	18.692603	78.779165	11.14	IV	GOVINDARAM	288	18.634901	78.759551	8.61	IV	THURTHY	328	18.597860	78.852359	9.49	IV	DAMMAIAHPET
249	18.664394	78.802799	6.17	IV	GOVINDARAM	289	18.636709	78.757990	13.34	IV	THURTHY	329	18.623284	78.820074	20.93	IV	DAMMAIAHPET
250	18.699190	78.788555	8.36	IV	GOVINDARAM	290	18.633243	78.751472	14.82	IV	THURTHY	330	18.620972	78.843187	10.28	IV	DAMMAIAHPET
251	18.688959	78.781426	12.14	IV	GOVINDARAM	291	18.648831	78.754150	11.92	IV	THURTHY	331	18.611414	78.834746	18.43	IV	DAMMAIAHPET
252	18.705828	78.783619	7.14	IV	GOVINDARAM	292	18.644534	78.759832	5.87	IV	THURTHY	332	18.599303	78.852017	7.72	IV	DAMMAIAHPET
253	18.684153	78.783259	19.75	IV	GOVINDARAM	293	18.641868	78.750624	5.57	IV	THURTHY	333	18.602395	78.840423	7.71	IV	DAMMAIAHPET
254	18.684534	78.789645	13.06	IV	GOVINDARAM	294	18.656454	78.759140	9.00	IV	THURTHY	334	18.606818	78.891843	5.87	IV	DAMMAIAHPET
255	18.697479	78.781083	5.64	IV	GOVINDARAM	295	18.662030	78.754837	15.83	IV	THURTHY	335	18.622742	78.838467	20.76	IV	DAMMAIAHPET
256	18.703629	78.786503	9.89	IV	GOVINDARAM	296	18.651081	78.759056	10.66	IV	THURTHY	336	18.611462	78.847502	14.63	IV	DAMMAIAHPET
257	18.698078	78.790598	8.72	IV	GOVINDARAM	297	18.649887	78.758820	8.05	IV	THURTHY	337	18.612375	78.890366	7.79	IV	DAMMAIAHPET
258	18.664213	78.801240	10.23	IV	GOVINDARAM	298	18.656703	78.740735	17.02	IV	THURTHY	338	18.610796	78.844563	5.45	IV	DAMMAIAHPET
259	18.713719	78.776530	17.91	IV	GOVINDARAM	299	18.646859	78.753731	11.54	IV	THURTHY	339	18.608839	78.852542	8.89	IV	DAMMAIAHPET
260	18.691427	78.789817	21.21	IV	GOVINDARAM	300	18.666120	78.741759	6.39	IV	THURTHY	340	18.630299	78.825984	11.51	IV	DAMMAIAHPET
261	18.673445	78.797299	50.93	V	GOVINDARAM	301	18.655279	78.752486	10.73	IV	THURTHY	341	18.608927	78.891207	10.90	IV	DAMMAIAHPET
262	18.645329	78.781286	9.62	IV	MUTHKURAOPET	302	18.660225	78.748255	28.34	V	THURTHY	342	18.609516	78.857557	9.11	IV	DAMMAIAHPET
263	18.643018	78.782147	8.91	IV	MUTHKURAOPET	303	18.652223	78.753897	30.70	V	THURTHY	343	18.620149	78.821398	64.32	V	DAMMAIAHPET
264	18.643683	78.775024	9.31	IV	MUTHKURAOPET	304	18.677622	78.827884	9.73	II	WODDAT	344	18.625836	78.826592	39.30	V	DAMMAIAHPET
265	18.629502	78.796496	5.25	IV	MUTHKURAOPET	305	18.689551	78.832631	7.16	II	WODDAT	345	18.601253	78.879392	6.11	II	FAZULNAGAR
266	18.623915	78.802936	12.14	IV	MUTHKURAOPET	306	18.690398	78.829980	5.69	IV	WODDAT	346	18.579158	78.973382	12.68	II	FAZULNAGAR
267	18.621405	78.802253	6.57	IV	MUTHKURAOPET	307	18.694200	78.830424	12.51	IV	WODDAT	347	18.604525	78.855904	6.23	II	FAZULNAGAR
268	18.634747	78.795313	12.28	IV	MUTHKURAOPET	308	18.684227	78.840608	10.62	IV	WODDAT	348	18.589715	78.892726	4.84	IV	FAZULNAGAR
269	18.629094	78.795392	12.00	IV	MUTHKURAOPET	309	18.695330	78.842430	15.98	IV	WODDAT	349	18.600797	78.875385	6.90	IV	FAZULNAGAR
270	18.628824	78.803775	9.64	IV	MUTHKURAOPET	310	18.671763	78.824173	15.41	IV	WODDAT	350	18.596804	78.871082	10.12	IV	FAZULNAGAR
271	18.633890	78.775854	10.80	IV	MUTHKURAOPET	311	18.676962	78.839859	13.62	IV	WODDAT	351	18.599407	78.864616	6.88	IV	FAZULNAGAR
272	18.630600	78.805223	6.11	IV	MUTHKURAOPET	312	18.685699	78.838566	9.11	IV	WODDAT	352	18.597722	78.870161	8.59	IV	FAZULNAGAR
273	18.633861	78.794561	8.86	IV	MUTHKURAOPET	313	18.687846	78.839961	12.76	IV	WODDAT	353	18.598666	78.859180	6.73	IV	FAZULNAGAR
274	18.634192	78.800152	5.12	IV	MUTHKURAOPET	314	18.692035	78.817527	7.43	IV	WODDAT	354	18.592884	78.890073	11.02	IV	FAZULNAGAR

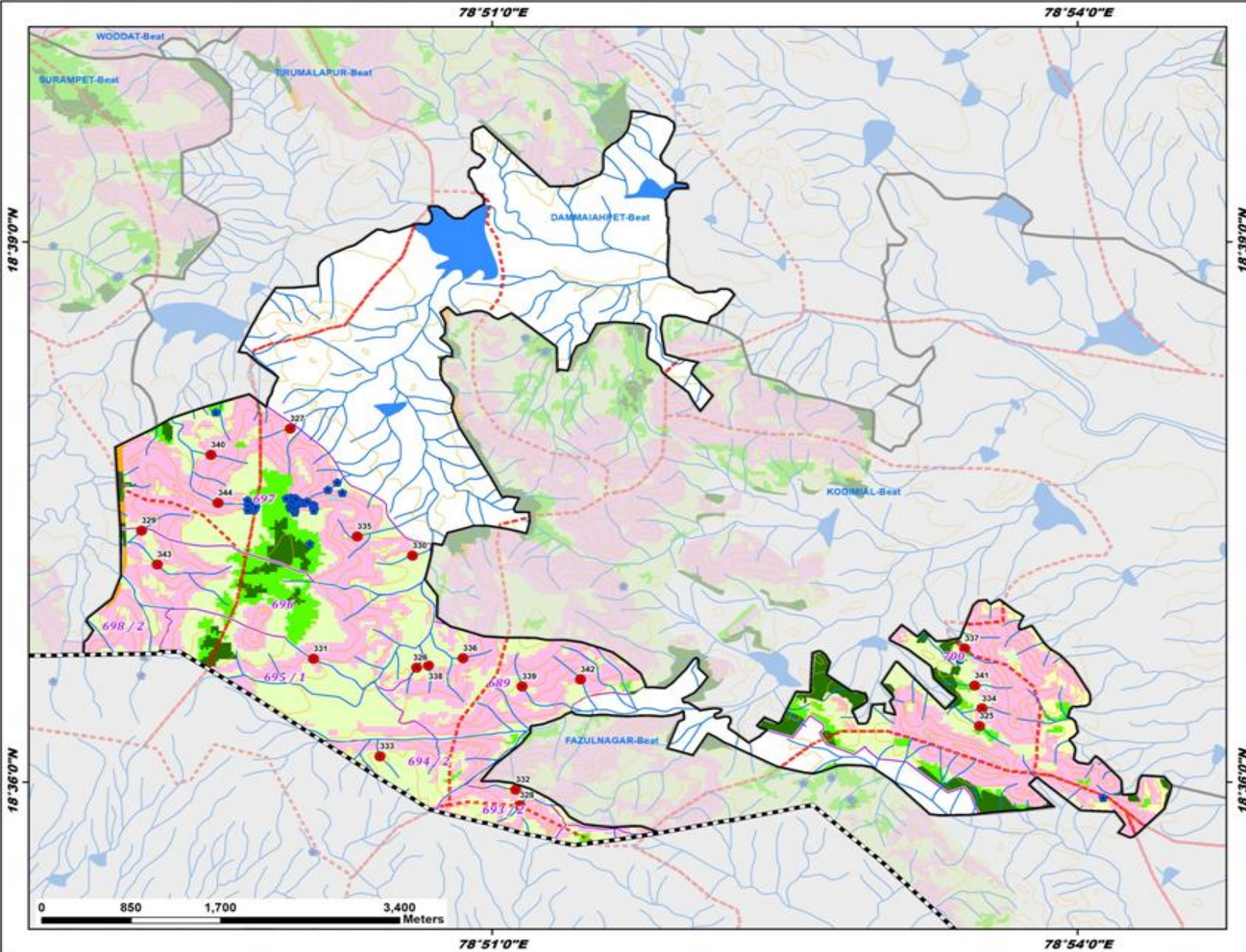
List of Proposed PTs – Kodimial Range

ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat	ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat	ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat
355	18.590727	78.885667	12.78	IV	FAZULNAGAR	395	18.650182	78.817037	13.24	IV	SURAMPET	435	18.682013	78.904672	15.81	IV	MADDUTLA
356	18.589108	78.889965	6.28	IV	FAZULNAGAR	396	18.659884	78.806694	14.83	IV	SURAMPET	436	18.681615	78.875094	29.94	V	MADDUTLA
357	18.629313	78.870138	5.25	II	KODIMIAL	397	18.654869	78.786352	9.34	IV	SURAMPET	437	18.720055	78.874970	4.66	I	OGULAPUR
358	18.630188	78.871368	9.37	II	KODIMIAL	398	18.650871	78.808032	4.95	IV	SURAMPET	438	18.711250	78.844360	8.78	IV	OGULAPUR
359	18.636630	78.861064	11.36	II	KODIMIAL	399	18.648333	78.801509	12.61	IV	SURAMPET	439	18.704496	78.841087	6.29	IV	OGULAPUR
360	18.618113	78.845658	29.11	III	KODIMIAL	400	18.651214	78.815878	12.27	IV	SURAMPET	440	18.707624	78.838817	4.85	IV	OGULAPUR
361	18.616115	78.863522	5.13	IV	KODIMIAL	401	18.651566	78.786230	22.17	IV	SURAMPET	441	18.732727	78.834432	14.47	IV	OGULAPUR
362	18.630506	78.861590	13.02	IV	KODIMIAL	402	18.648760	78.809803	8.17	IV	SURAMPET	442	18.710614	78.841713	4.76	IV	OGULAPUR
363	18.627793	78.866775	5.84	IV	KODIMIAL	403	18.652982	78.815091	62.05	V	SURAMPET	443	18.708102	78.842621	7.51	IV	OGULAPUR
364	18.636076	78.851364	5.15	IV	KODIMIAL	404	18.658542	78.808142	56.13	V	SURAMPET	444	18.701379	78.845243	9.58	IV	OGULAPUR
365	18.635798	78.870341	11.78	IV	KODIMIAL	405	18.650550	78.810937	72.97	V	SURAMPET						
366	18.634550	78.852973	5.02	IV	KODIMIAL	406	18.675902	78.857378	16.30	I	TIRUMALAPUR						
367	18.617475	78.861965	8.22	IV	KODIMIAL	407	18.679474	78.911427	9.34	IV	TIRUMALAPUR						
368	18.631170	78.862457	6.57	IV	KODIMIAL	408	18.674282	78.851610	6.02	IV	TIRUMALAPUR						
369	18.633142	78.863213	10.33	IV	KODIMIAL	409	18.673672	78.850236	7.74	IV	TIRUMALAPUR						
370	18.635087	78.851681	7.55	IV	KODIMIAL	410	18.667274	78.831070	15.56	IV	TIRUMALAPUR						
371	18.639811	78.852136	12.72	IV	KODIMIAL	411	18.673192	78.846151	11.56	IV	TIRUMALAPUR						
372	18.624998	78.864950	10.08	IV	KODIMIAL	412	18.673389	78.843025	10.49	IV	TIRUMALAPUR						
373	18.635196	78.857712	4.58	IV	KODIMIAL	413	18.671601	78.837584	19.52	IV	TIRUMALAPUR						
374	18.629400	78.867740	5.41	IV	KODIMIAL	414	18.661460	78.843663	12.41	IV	TIRUMALAPUR						
375	18.652008	78.947002	6.56	IV	MUTHYAMPET	415	18.684134	78.844486	8.96	IV	TIRUMALAPUR						
376	18.675994	78.921913	8.07	IV	MUTHYAMPET	416	18.678271	78.867230	14.90	IV	TIRUMALAPUR						
377	18.686338	78.910046	9.87	IV	MUTHYAMPET	417	18.682455	78.846937	14.27	IV	TIRUMALAPUR						
378	18.681055	78.916992	8.69	IV	MUTHYAMPET	418	18.663791	78.843273	8.67	IV	TIRUMALAPUR						
379	18.691014	78.921607	6.87	IV	MUTHYAMPET	419	18.666242	78.841222	28.51	V	TIRUMALAPUR						
380	18.684880	78.919632	8.34	IV	MUTHYAMPET	420	18.679339	78.852485	57.68	V	TIRUMALAPUR						
381	18.665853	78.917345	6.89	IV	MUTHYAMPET	421	18.663610	78.845222	43.98	V	TIRUMALAPUR						
382	18.694357	78.917600	7.33	IV	MUTHYAMPET	422	18.704852	78.869992	9.40	II	MADDUTLA						
383	18.687779	78.912557	13.05	IV	MUTHYAMPET	423	18.678403	78.894890	8.20	IV	MADDUTLA						
384	18.656507	78.821081	10.13	II	SURAMPET	424	18.679448	78.892499	6.57	IV	MADDUTLA						
385	18.636082	78.799451	6.56	II	SURAMPET	425	18.684097	78.897626	6.26	IV	MADDUTLA						
386	18.640345	78.798022	8.01	IV	SURAMPET	426	18.702811	78.874426	18.67	IV	MADDUTLA						
387	18.648391	78.816960	6.64	IV	SURAMPET	427	18.690062	78.891217	8.14	IV	MADDUTLA						
388	18.645851	78.801603	8.16	IV	SURAMPET	428	18.682147	78.900202	11.01	IV	MADDUTLA						
389	18.655882	78.800327	6.94	IV	SURAMPET	429	18.687592	78.900649	6.11	IV	MADDUTLA						
390	18.655336	78.805473	5.30	IV	SURAMPET	430	18.683017	78.887524	7.71	IV	MADDUTLA						
391	18.651378	78.790528	10.24	IV	SURAMPET	431	18.684509	78.888486	14.71	IV	MADDUTLA						
392	18.661418	78.804408	6.90	IV	SURAMPET	432	18.681533	78.896285	7.18	IV	MADDUTLA						
393	18.657889	78.793233	5.61	IV	SURAMPET	433	18.689159	78.901958	8.38	IV	MADDUTLA						
394	18.654170	78.802482	10.14	IV	SURAMPET	434	18.690040	78.888521	7.35	IV	MADDUTLA						

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



Division : Jagtial
Range : Kodimial



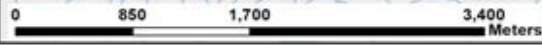
ID	Latitude	Longitude	Catchment Area_Ha	Priority
325	18.605197	78.891621	16.24	II
326	18.610603	78.843562	6.31	IV
327	18.632725	78.832737	6.96	IV
328	18.597860	78.852359	9.49	IV
329	18.623284	78.820074	20.93	IV
330	18.620972	78.843187	10.28	IV
331	18.611414	78.834796	18.43	IV
332	18.599303	78.852017	7.72	IV
333	18.602395	78.840423	7.71	IV
334	18.606818	78.891843	5.87	IV
335	18.622742	78.838467	20.76	IV
336	18.611462	78.847502	14.63	IV
337	18.612375	78.890366	7.79	IV
338	18.610796	78.844563	5.45	IV
339	18.608839	78.852542	8.89	IV
340	18.630299	78.825984	11.51	IV
341	18.608927	78.891207	10.90	IV
342	18.609516	78.857557	9.11	IV
343	18.620149	78.821398	64.32	V
344	18.625836	78.826592	39.30	V

Legend

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

Suitability Index

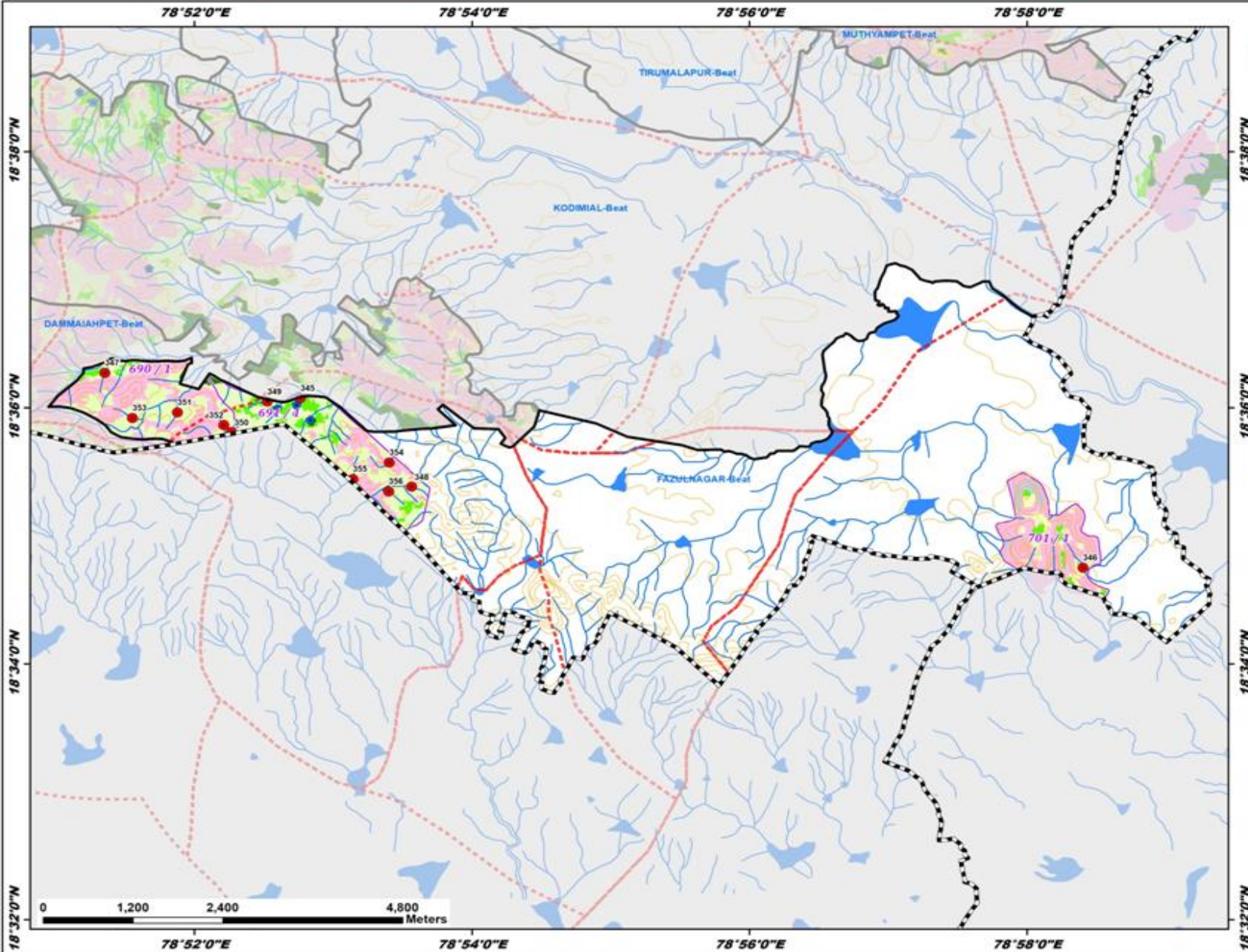
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body



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



Division : Jagtial
Range : Kodimial



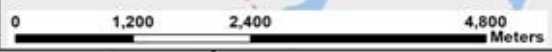
ID	Latitude	Longitude	Catchment Area_Ha	Priority
345	18.601253	78.879392	6.11	II
346	18.579158	78.973382	12.68	II
347	18.604525	78.855904	6.23	II
348	18.589715	78.892726	4.84	IV
349	18.600797	78.875385	6.90	IV
350	18.596804	78.871082	10.12	IV
351	18.599407	78.864616	6.88	IV
352	18.597722	78.870161	8.59	IV
353	18.598666	78.859180	6.73	IV
354	18.592884	78.890073	11.02	IV
355	18.590727	78.885667	12.78	IV
356	18.589108	78.889965	6.28	IV

Legend

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

Suitability Index

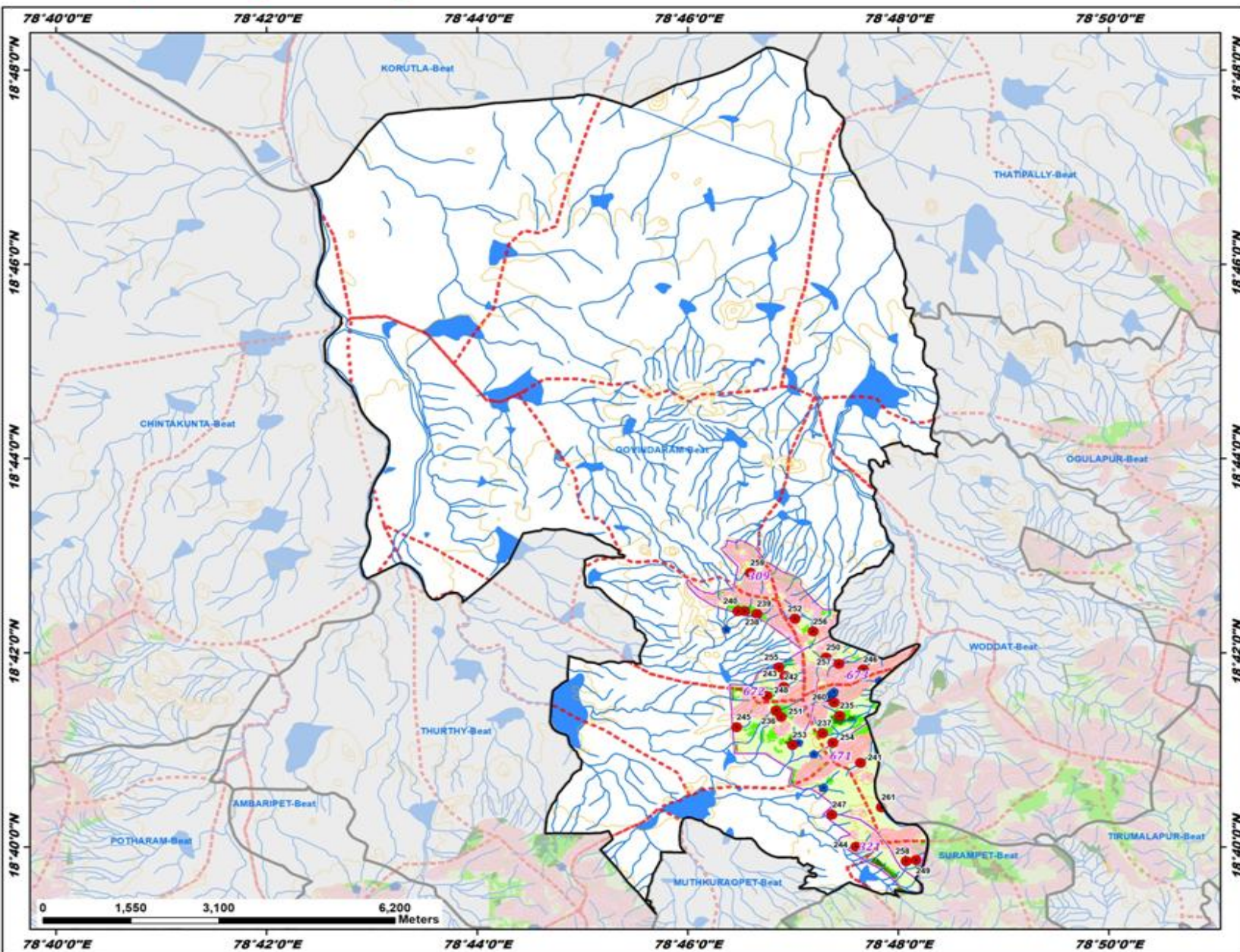
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- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
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- Water Body



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



Division : Jagtial
Range : Kodimal



ID	Latitude	Longitude	Catchment Area_Ha	Priority
235	18.689162	78.790744	7.12	I
236	18.690096	78.780643	11.37	I
237	18.686152	78.788036	8.15	II
238	18.707103	78.775720	7.48	II
239	18.706671	78.777596	9.01	II
240	18.707125	78.774605	5.67	II
241	18.681071	78.793996	13.39	IV
242	18.694113	78.781895	14.17	IV
243	18.696024	78.782059	7.83	IV
244	18.666691	78.793297	10.69	IV
245	18.687211	78.774402	12.36	IV
246	18.697120	78.794471	14.32	IV
247	18.672182	78.789498	8.47	IV
248	18.692603	78.779165	11.14	IV
249	18.664394	78.802799	6.17	IV
250	18.699190	78.788555	8.36	IV
251	18.688959	78.781426	12.14	IV
252	18.705828	78.783619	7.14	IV
253	18.684153	78.783259	19.75	IV
254	18.684534	78.789645	13.06	IV
255	18.697479	78.781083	5.64	IV
256	18.703629	78.786503	9.89	IV
257	18.698078	78.790598	8.72	IV
258	18.664213	78.801240	10.23	IV
259	18.713719	78.776530	17.91	IV
260	18.691427	78.789817	21.21	IV
261	18.673445	78.797299	50.93	V

Legend

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

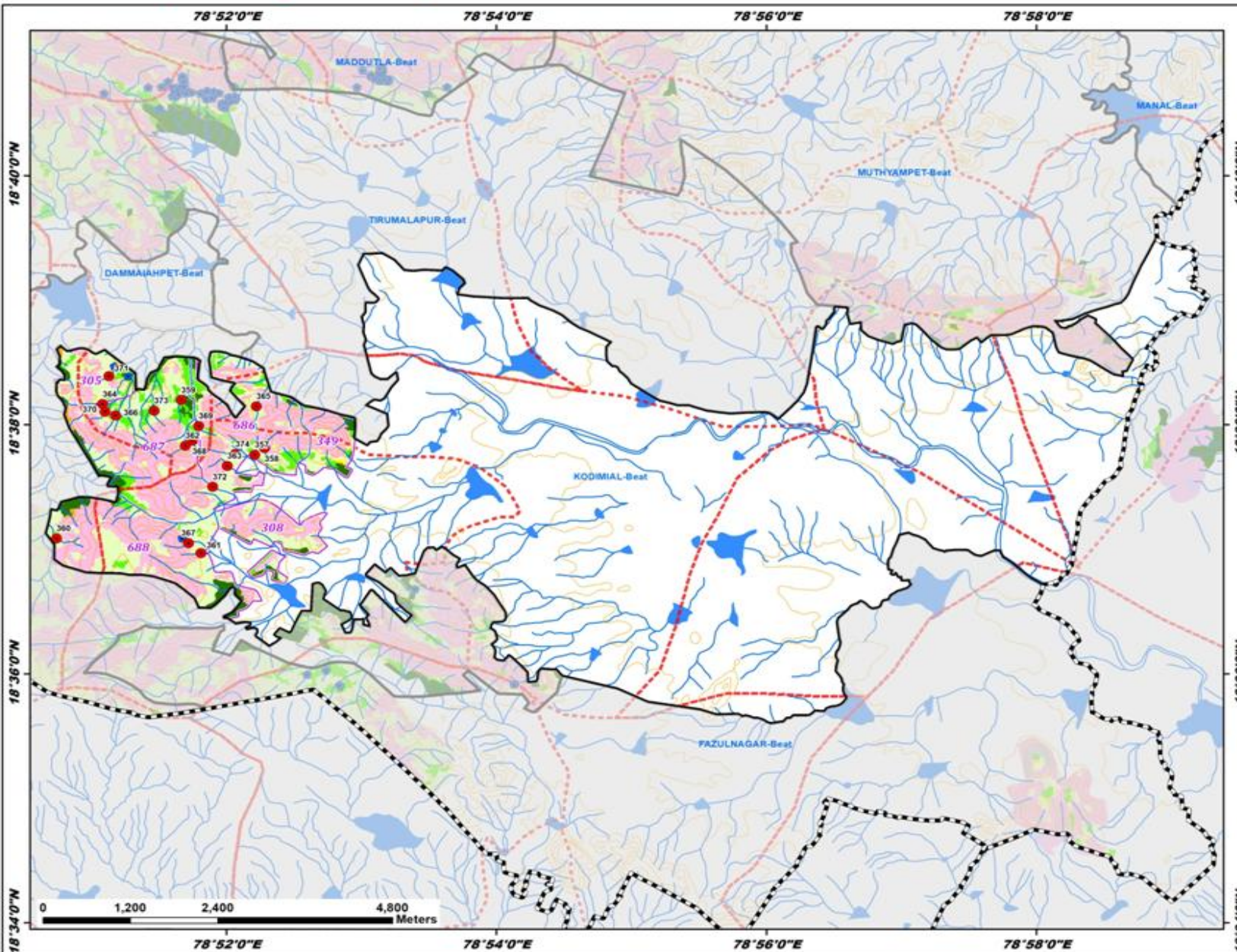
Suitability Index

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

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



Division : Jagtial
Range : Kodimial



ID	Latitude	Longitude	Catchment Area_Ha	Priority
357	18.629313	78.870138	5.25	II
358	18.630188	78.871368	9.37	II
359	18.636630	78.861064	11.36	II
360	18.618113	78.845658	29.11	III
361	18.616115	78.863522	5.13	IV
362	18.630506	78.861590	13.02	IV
363	18.627793	78.866775	5.84	IV
364	18.636076	78.851364	5.15	IV
365	18.635798	78.870341	11.78	IV
366	18.634550	78.852973	5.02	IV
367	18.617475	78.861965	8.22	IV
368	18.631170	78.862457	6.57	IV
369	18.633142	78.863213	10.33	IV
370	18.635087	78.851681	7.55	IV
371	18.639811	78.852136	12.72	IV
372	18.624998	78.864950	10.08	IV
373	18.635196	78.857712	4.58	IV
374	18.629400	78.867740	5.41	IV

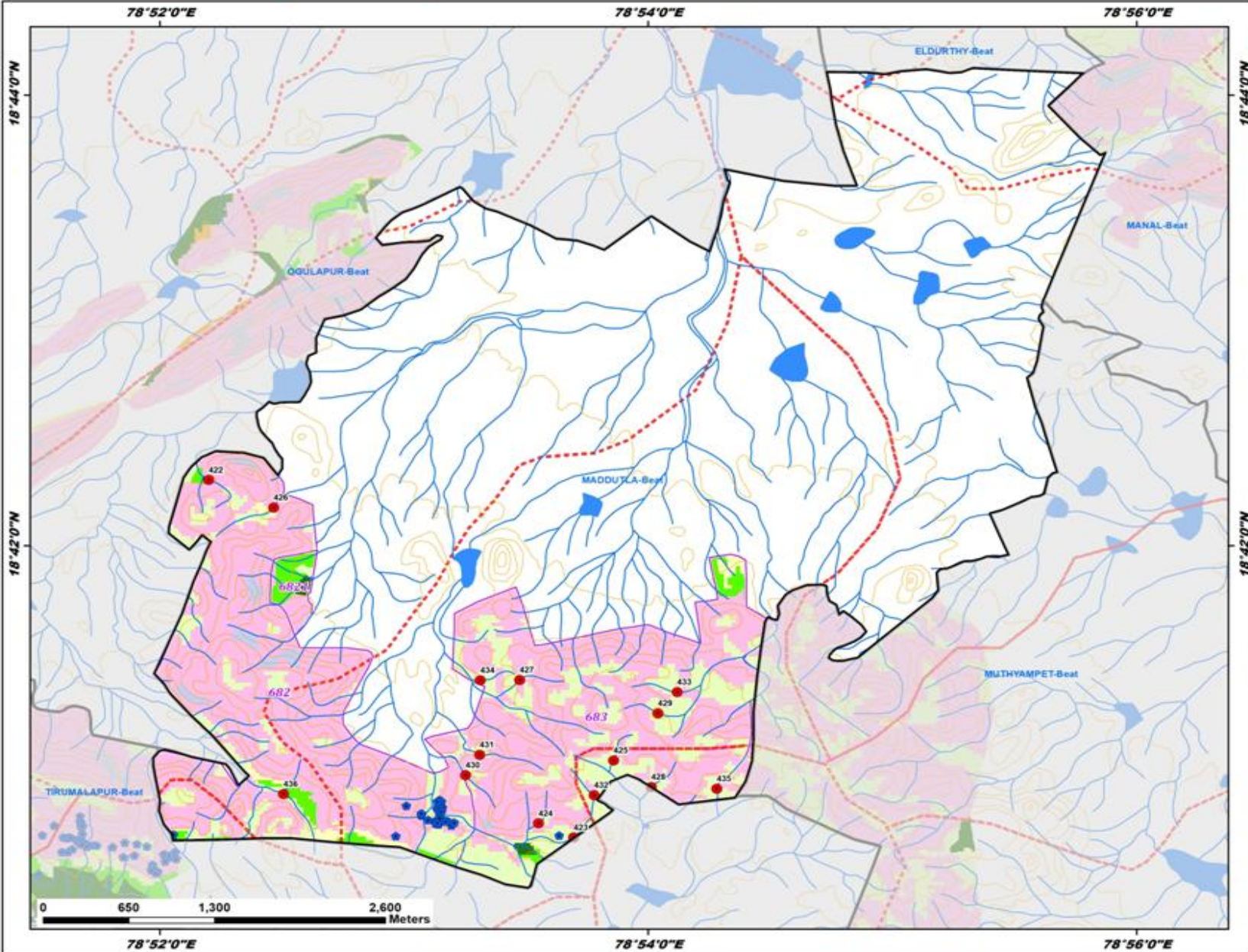
Legend

- Proposed PTs
 - Existing CD/PTs
 - Contours
 - Streams
 - Watershed Boundary
 - Compartment Boundary
 - Beat Boundary
 - Division Boundary
- Suitability Index**
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 - PTs - Highly Suitable
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 - PTs - Least Suitable
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 - Not Suitable
 - Water Body

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



Division : Jagtial
Range : Kodimal



ID	Latitude	Longitude	Catchment Area_Ha	Priority
422	18.704852	78.869992	9.40	II
423	18.678403	78.894890	8.20	IV
424	18.679448	78.892499	6.57	IV
425	18.684097	78.897626	6.26	IV
426	18.702811	78.874426	18.67	IV
427	18.690062	78.891217	8.14	IV
428	18.682147	78.900202	11.01	IV
429	18.687592	78.900649	6.11	IV
430	18.683017	78.887524	7.71	IV
431	18.684509	78.888486	14.71	IV
432	18.681533	78.896285	7.18	IV
433	18.689159	78.901958	8.38	IV
434	18.690040	78.888521	7.35	IV
435	18.682013	78.904672	15.81	IV
436	18.681615	78.875094	29.94	V

Legend

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

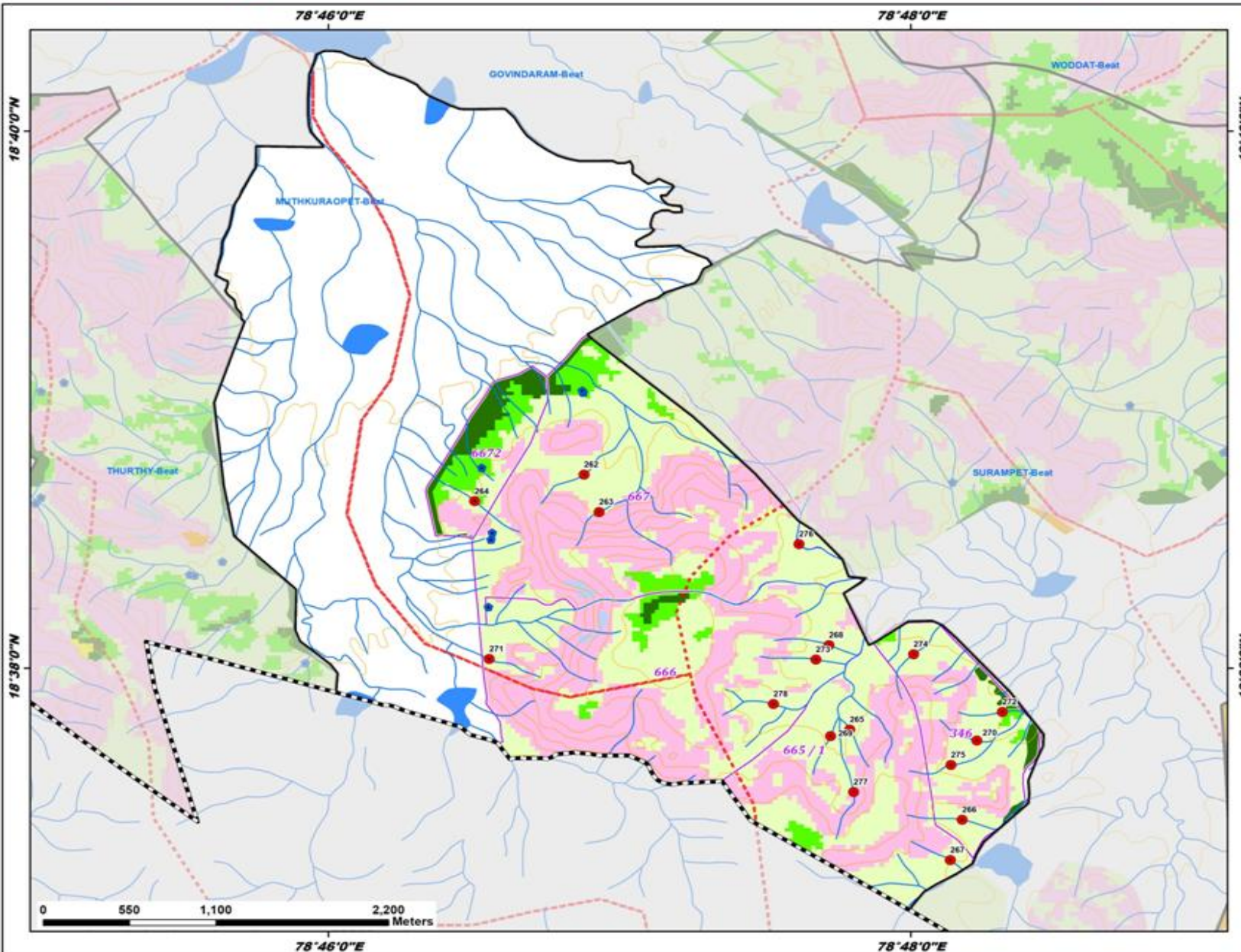
Suitability Index

- 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 Muthkuraopet Beat



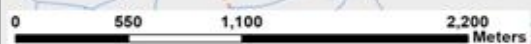
Division : Jagtial
Range : Kodimal



ID	Latitude	Longitude	Catchment Area_Ha	Priority
262	18.645329	78.781286	9.62	IV
263	18.643018	78.782147	8.91	IV
264	18.643683	78.775024	9.31	IV
265	18.629502	78.796496	5.25	IV
266	18.623915	78.802936	12.14	IV
267	18.621405	78.802253	6.57	IV
268	18.634747	78.795313	12.28	IV
269	18.629094	78.795392	12.00	IV
270	18.628824	78.803775	9.64	IV
271	18.633890	78.775854	10.80	IV
272	18.630600	78.805223	6.11	IV
273	18.633861	78.794561	8.86	IV
274	18.634192	78.800152	5.12	IV
275	18.627311	78.802296	8.59	IV
276	18.641015	78.793583	15.56	IV
277	18.625636	78.796710	13.71	IV
278	18.631090	78.792123	27.97	V

Legend

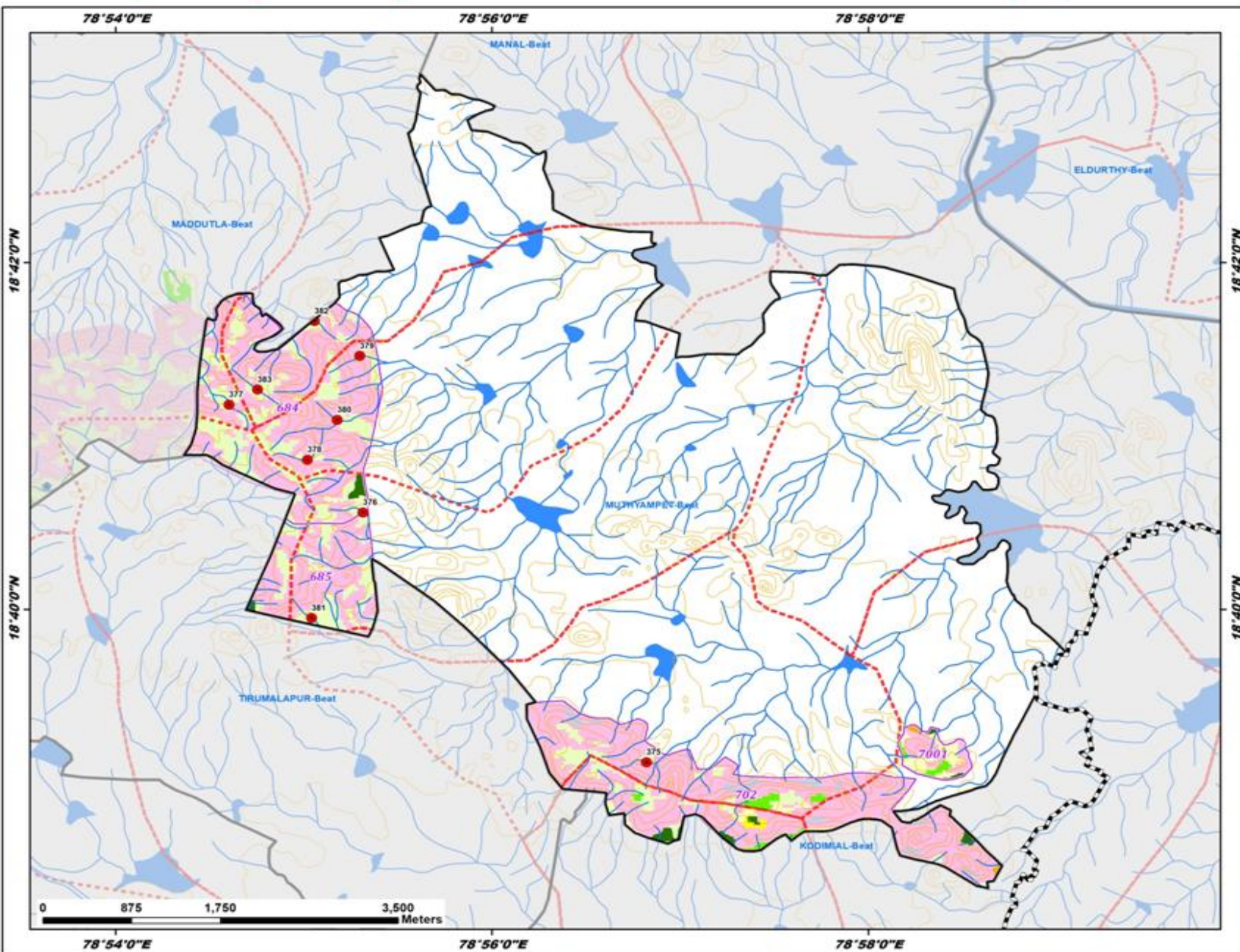
- Proposed PTs
 - Existing CD/PTs
 - Contours
 - Streams
 - Watershed Boundary
 - Compartment Boundary
 - Beat Boundary
 - Division Boundary
- Suitability Index**
- CCTs/SCTs - Highly Suitable
 - CCTs/SCTs - Moderately Suitable
 - CCTs/SCTs - Least Suitable
 - PTs - Highly Suitable
 - PTs - Moderately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



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



Division : Jagtial
Range : Kodimal



ID	Latitude	Longitude	Catchment Area_Ha	Priority
375	18.652008	78.947002	6.56	IV
376	18.675994	78.921913	8.07	IV
377	18.686338	78.910046	9.87	IV
378	18.681055	78.916992	8.69	IV
379	18.691014	78.921607	6.87	IV
380	18.684890	78.919632	8.34	IV
381	18.665853	78.917345	6.89	IV
382	18.694357	78.917600	7.33	IV
383	18.687779	78.912557	13.05	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 SGPs - Suitable
- Not Suitable
- Water Body



78°54'0"E 78°56'0"E 78°58'0"E

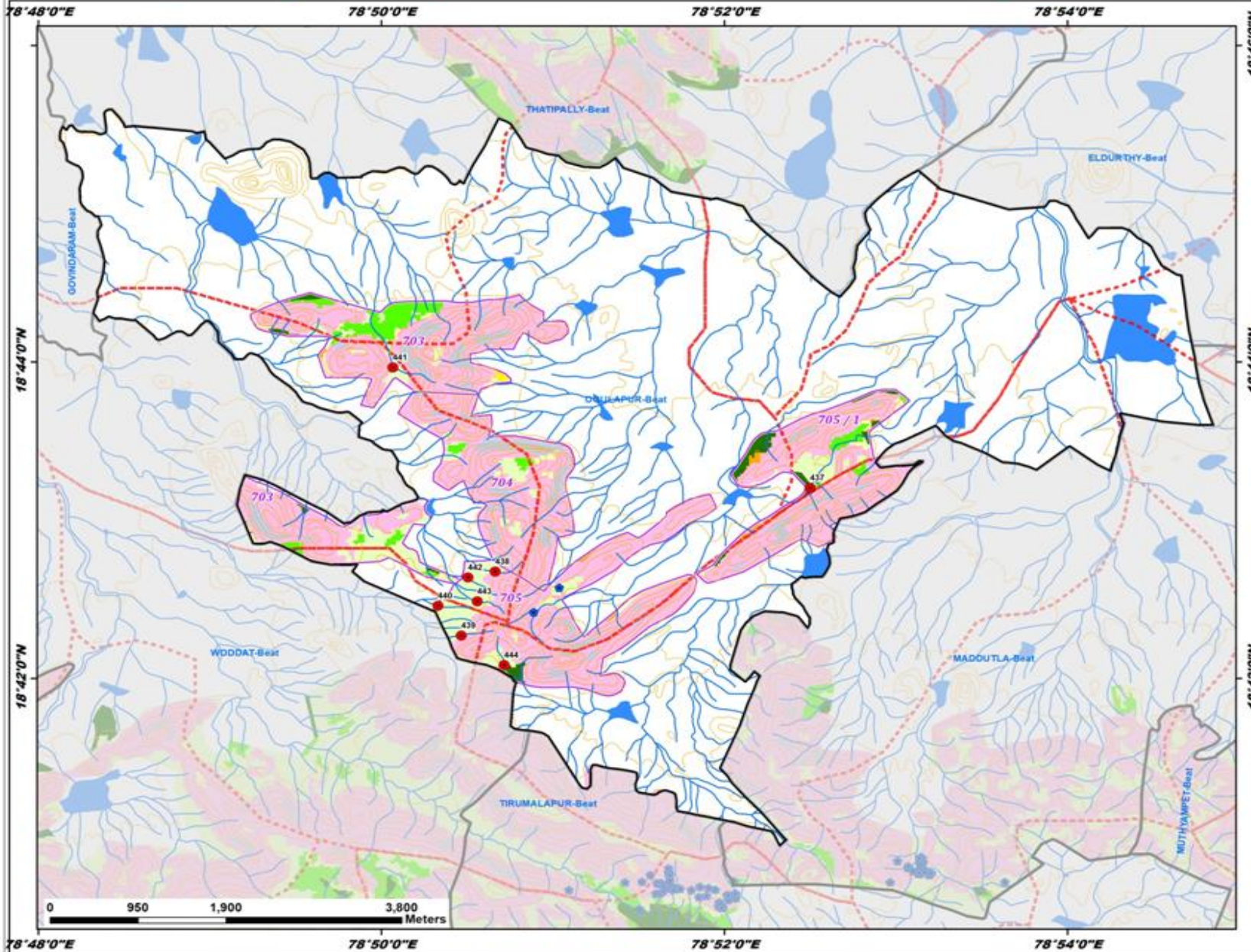
18°42'0"N
18°40'0"N

18°42'0"N
18°40'0"N

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



Division : Jagtial
Range : Kodimal



ID	Latitude	Longitude	Catchment Area_Ha	Priority
437	18.720055	78.874970	4.66	I
438	18.711250	78.844360	8.78	IV
439	18.704496	78.841087	6.29	IV
440	18.707624	78.838817	4.85	IV
441	18.732727	78.834432	14.47	IV
442	18.710614	78.841713	4.76	IV
443	18.708102	78.842621	7.51	IV
444	18.701379	78.845243	9.58	IV

Legend

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

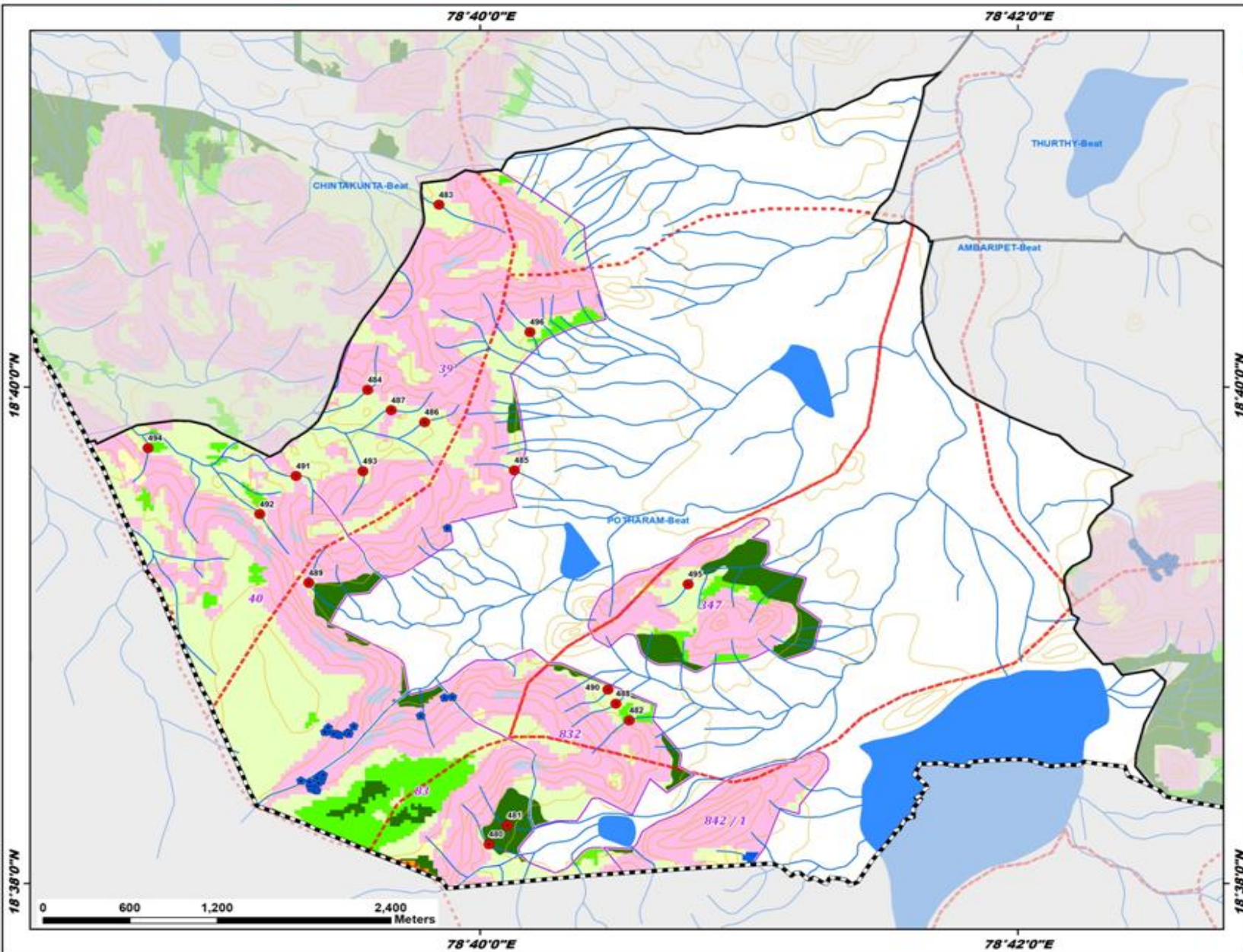
Suitability Index

- 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 Potharam Beat



Division : Jagtial
Range : Kodimal



ID	Latitude	Longitude	Catchment Area_Ha	Priority
480	18.635951	78.667210	21.15	I
481	18.637218	78.668342	7.85	I
482	18.644272	78.675897	8.70	II
483	18.678915	78.664111	24.83	IV
484	18.666483	78.659702	14.12	IV
485	18.661075	78.668776	6.51	IV
486	18.664316	78.663222	5.03	IV
487	18.665108	78.661149	6.86	IV
488	18.645402	78.675078	7.62	IV
489	18.653512	78.656041	11.51	IV
490	18.646348	78.674589	6.54	IV
491	18.660689	78.655265	13.82	IV
492	18.658125	78.653012	18.58	IV
493	18.661009	78.659397	15.67	IV
494	18.662575	78.646081	8.70	IV
495	18.653429	78.679555	10.22	IV
496	18.670368	78.669753	11.72	IV

Legend

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

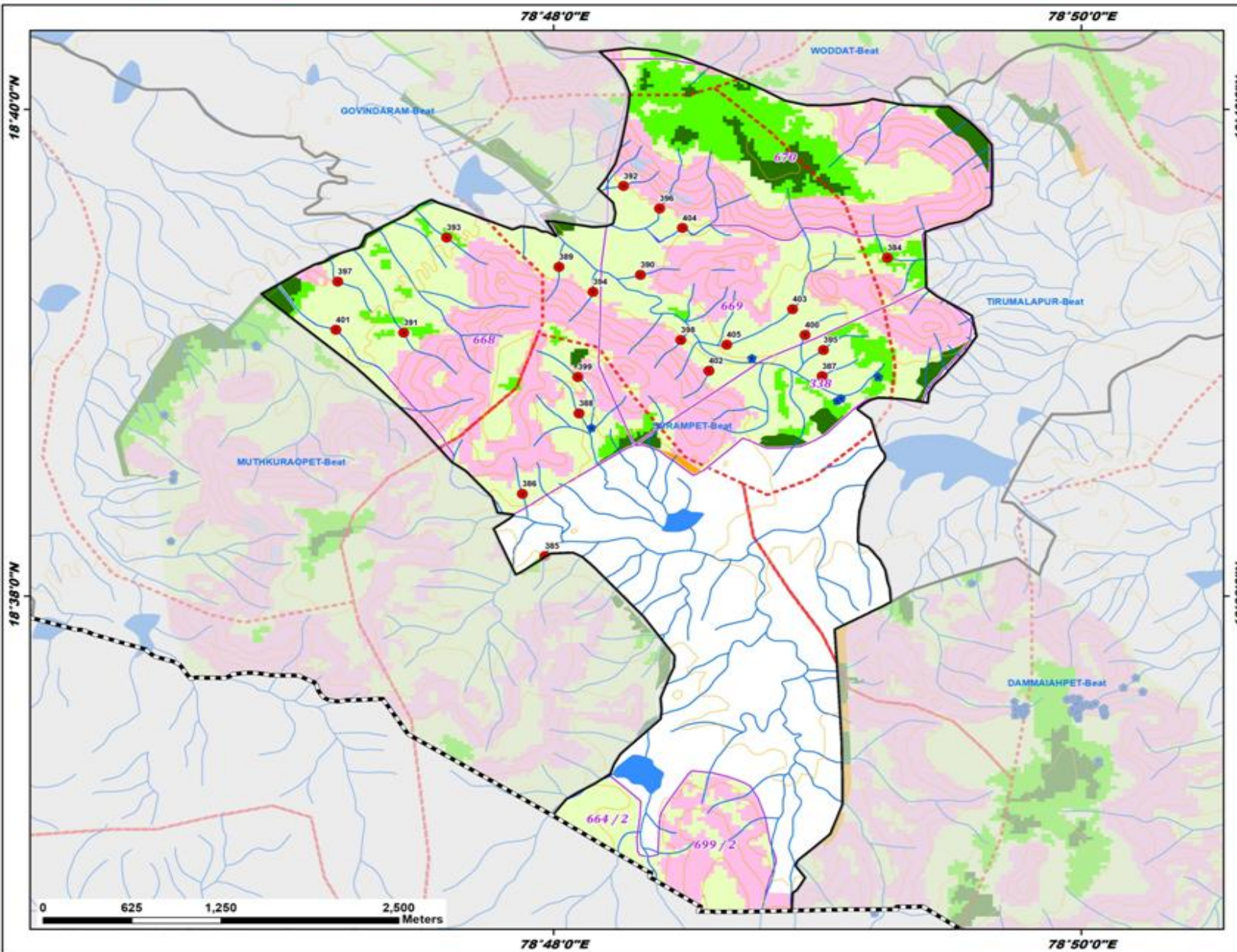
Suitability Index

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

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



Division : Jagtial
Range : Kodimial



ID	Latitude	Longitude	Catchment Area_Ha	Priority
384	18.656507	78.821081	10.13	II
385	18.636082	78.799451	6.56	II
386	18.640345	78.798022	8.01	IV
387	18.648391	78.816960	6.64	IV
388	18.645851	78.801603	8.16	IV
389	18.655882	78.800327	6.94	IV
390	18.653336	78.805473	5.30	IV
391	18.651378	78.790528	10.24	IV
392	18.661418	78.804408	6.90	IV
393	18.657889	78.793233	5.61	IV
394	18.654170	78.802482	10.14	IV
395	18.650182	78.817037	13.24	IV
396	18.659884	78.806694	14.83	IV
397	18.654869	78.786352	9.34	IV
398	18.650871	78.808032	4.95	IV
399	18.648333	78.801509	12.61	IV
400	18.651214	78.815878	12.27	IV
401	18.651566	78.786230	22.17	IV
402	18.648760	78.809803	8.17	IV
403	18.652982	78.815091	62.05	V
404	18.658542	78.808142	56.13	V
405	18.650550	78.810937	72.97	V

Legend

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

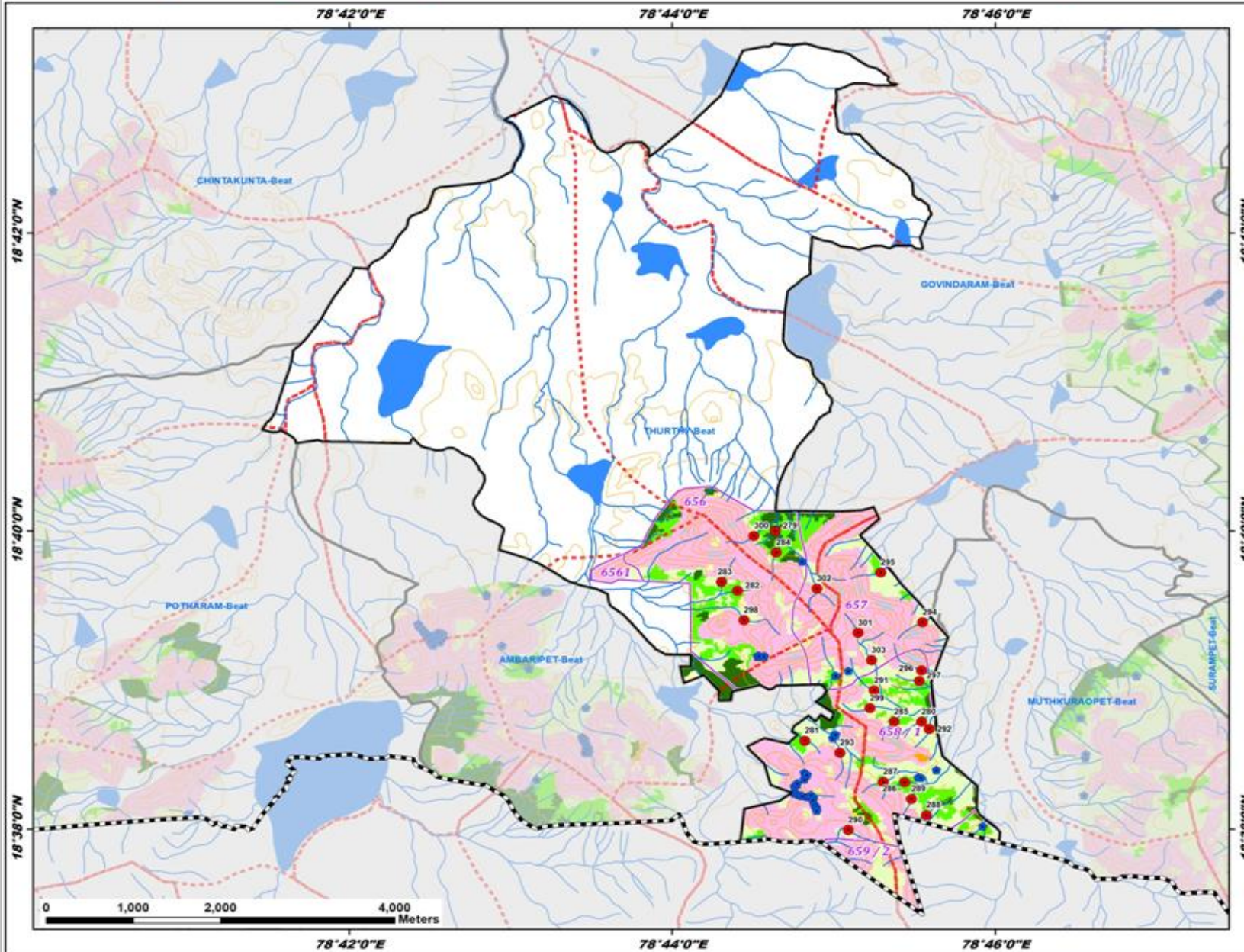
Suitability Index

- 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 Thurthy Beat



Division : Jagtial
Range : Kodimal



ID	Latitude	Longitude	Catchment Area_Ha	Priority
279	18.666649	78.743953	7.96	I
280	18.645344	78.759055	8.28	II
281	18.643221	78.747016	10.08	II
282	18.659977	78.740078	11.68	II
283	18.660966	78.738419	9.99	II
284	18.664250	78.744031	9.30	II
285	18.645352	78.756232	5.03	II
286	18.638559	78.757292	10.05	II
287	18.638610	78.755095	5.20	II
288	18.634901	78.759551	8.61	IV
289	18.636709	78.757990	13.34	IV
290	18.633243	78.751472	14.82	IV
291	18.648831	78.754150	11.92	IV
292	18.644534	78.759832	5.87	IV
293	18.641868	78.750624	5.57	IV
294	18.656454	78.759140	9.00	IV
295	18.662030	78.754837	15.83	IV
296	18.651081	78.759056	10.66	IV
297	18.649887	78.758820	8.05	IV
298	18.656703	78.740735	17.02	IV
299	18.646859	78.753731	11.54	IV
300	18.666120	78.741759	6.39	IV
301	18.655279	78.752486	10.73	IV
302	18.660225	78.748255	28.34	V
303	18.652223	78.753897	30.70	V

Legend

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

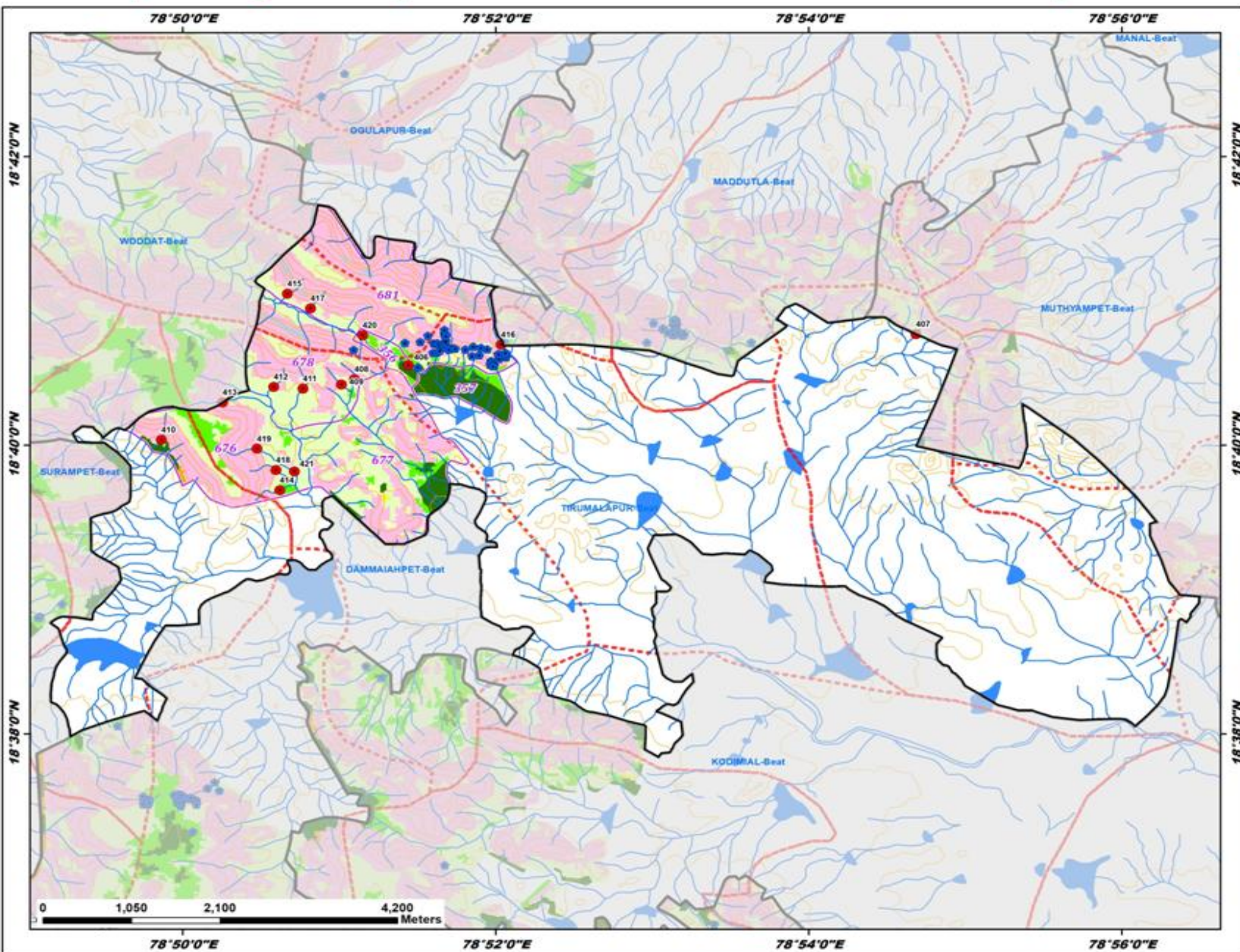
Suitability Index

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

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



Division : Jagtial
Range : Kodimal



ID	Latitude	Longitude	Catchment Area_Ha	Priority
406	18.675902	78.857378	16.30	I
407	18.679474	78.911427	9.34	IV
408	18.674282	78.851610	6.02	IV
409	18.673672	78.850236	7.74	IV
410	18.667274	78.831070	15.56	IV
411	18.673192	78.846151	11.56	IV
412	18.673389	78.843025	10.49	IV
413	18.671601	78.837584	19.52	IV
414	18.661460	78.843663	12.41	IV
415	18.684134	78.844486	8.96	IV
416	18.678271	78.867230	14.90	IV
417	18.682455	78.846937	14.27	IV
418	18.663791	78.843273	8.67	IV
419	18.666242	78.841222	28.51	V
420	18.679339	78.852485	57.68	V
421	18.663610	78.845222	43.98	V

Legend

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

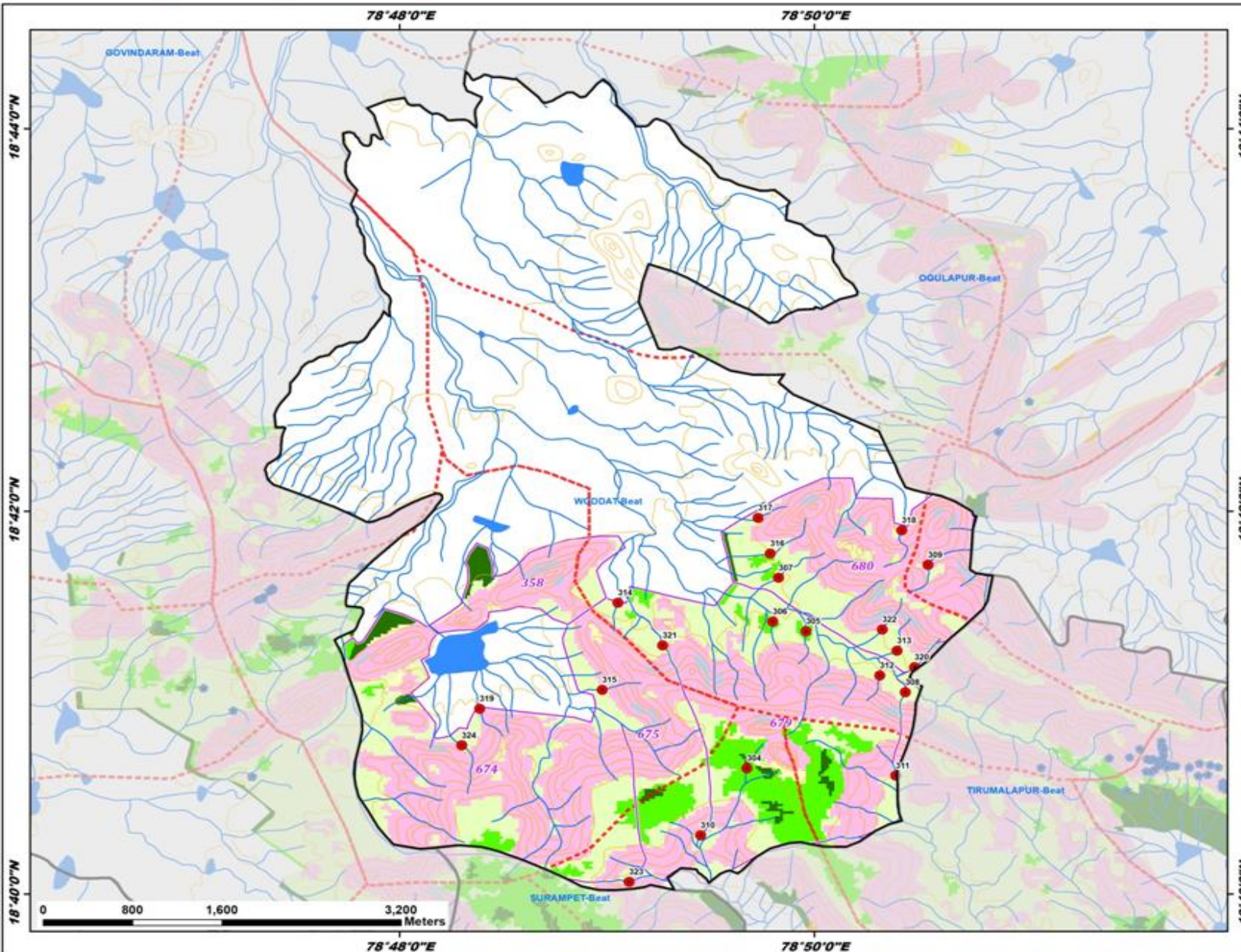
Suitability Index

- 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
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- Water Body

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



Division : Jagtial
Range : Kodimial

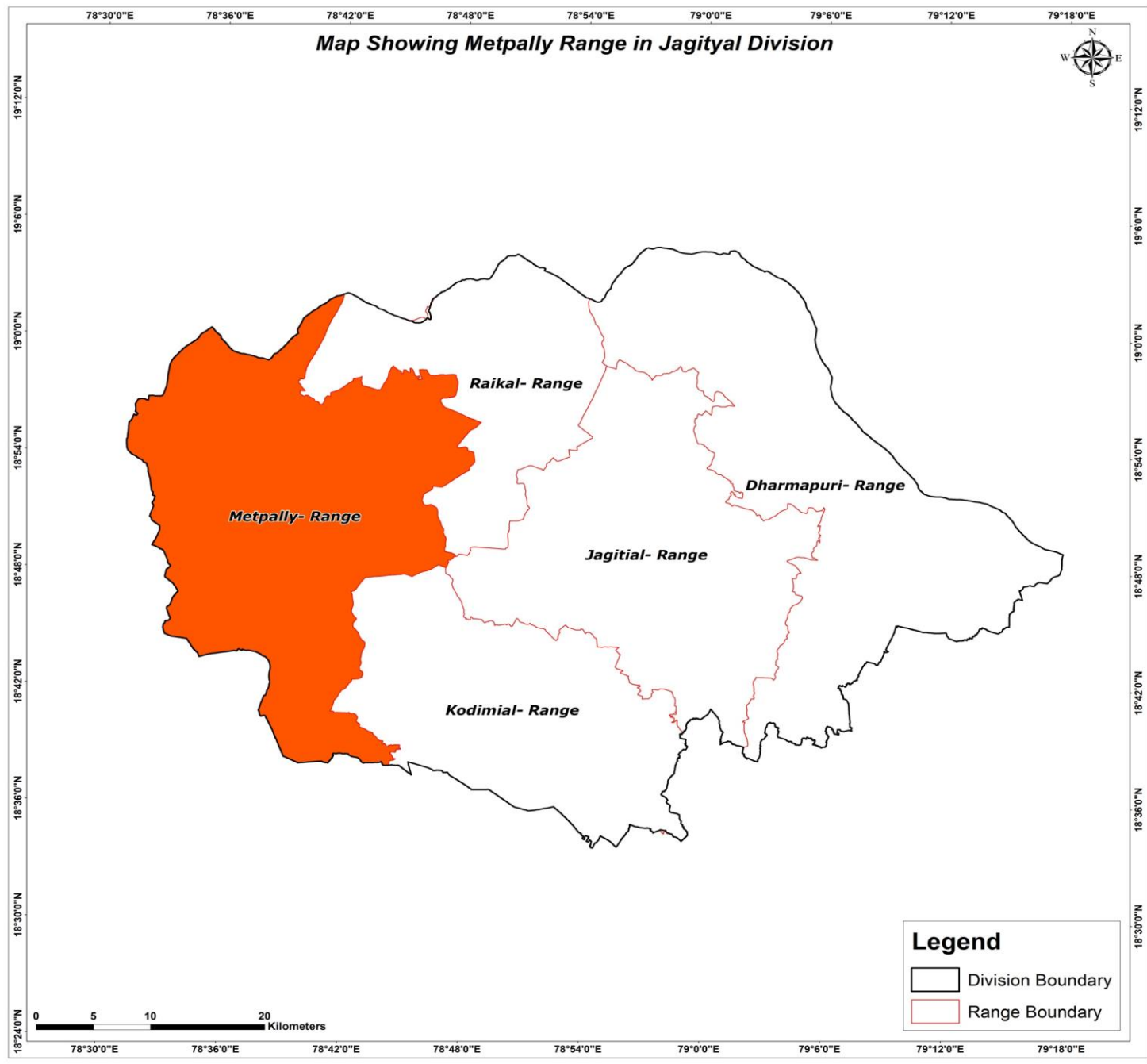


ID	Latitude	Longitude	Catchment Area_Ha	Priority
304	18.677622	78.827884	9.73	II
305	18.689551	78.832631	7.16	II
306	18.690398	78.829980	5.69	IV
307	18.694200	78.830424	12.51	IV
308	18.684227	78.840608	10.62	IV
309	18.695330	78.842430	15.98	IV
310	18.671763	78.824173	15.41	IV
311	18.676962	78.839859	13.62	IV
312	18.685699	78.838566	9.11	IV
313	18.687846	78.839961	12.76	IV
314	18.692035	78.817527	7.43	IV
315	18.684440	78.816266	6.55	IV
316	18.696319	78.829759	11.57	IV
317	18.699430	78.828805	7.80	IV
318	18.698344	78.840346	17.35	IV
319	18.682797	78.806433	6.43	IV
320	18.686415	78.841355	16.12	IV
321	18.688322	78.821120	16.37	IV
322	18.689701	78.838780	7.88	IV
323	18.667716	78.818422	23.27	IV
324	18.679602	78.805000	30.03	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 Metpally Range in Jagityal Division



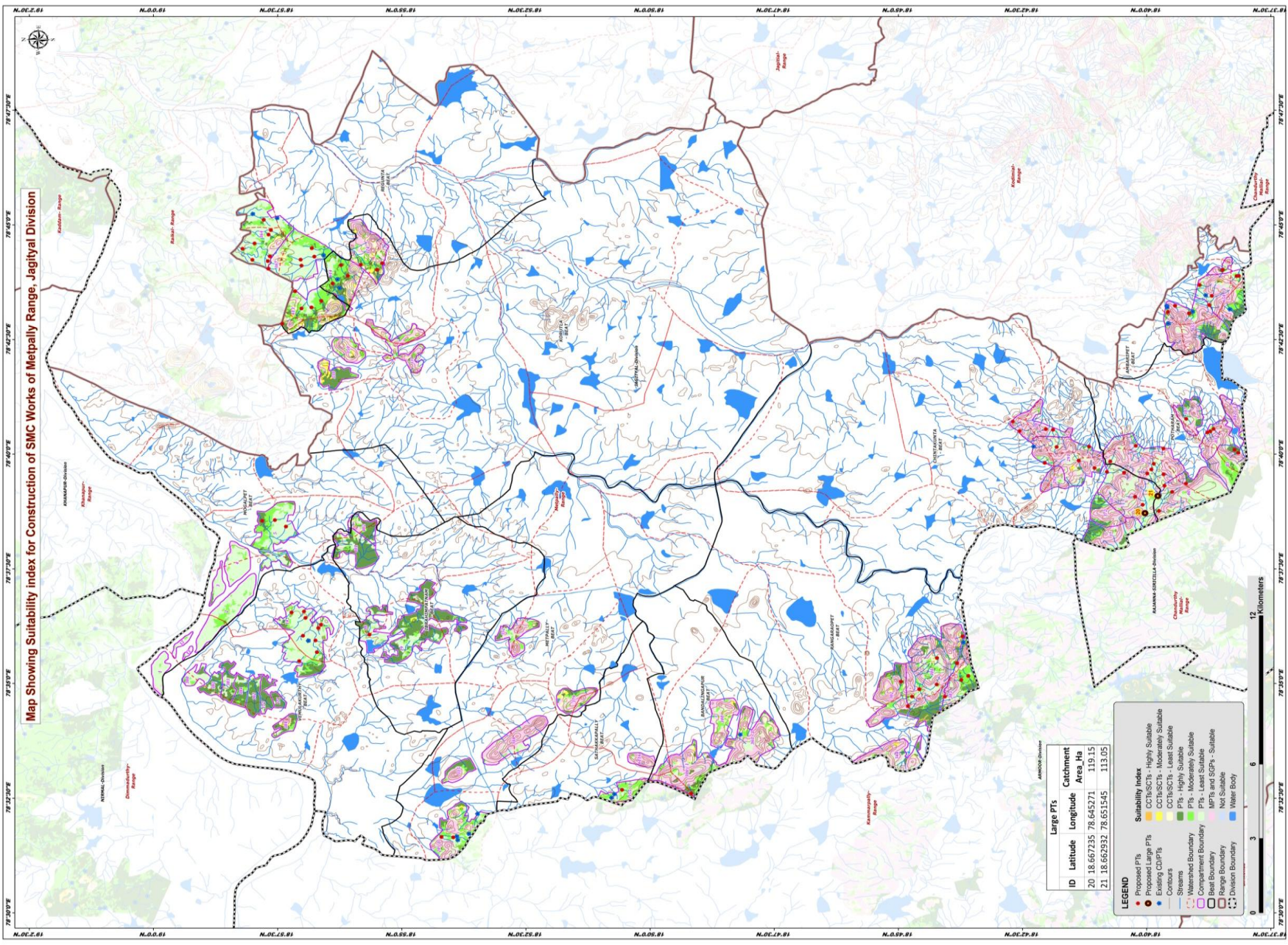
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18°30'0"N
18°36'0"N
18°42'0"N
18°48'0"N
18°54'0"N
19°0'0"N
19°6'0"N
19°12'0"N

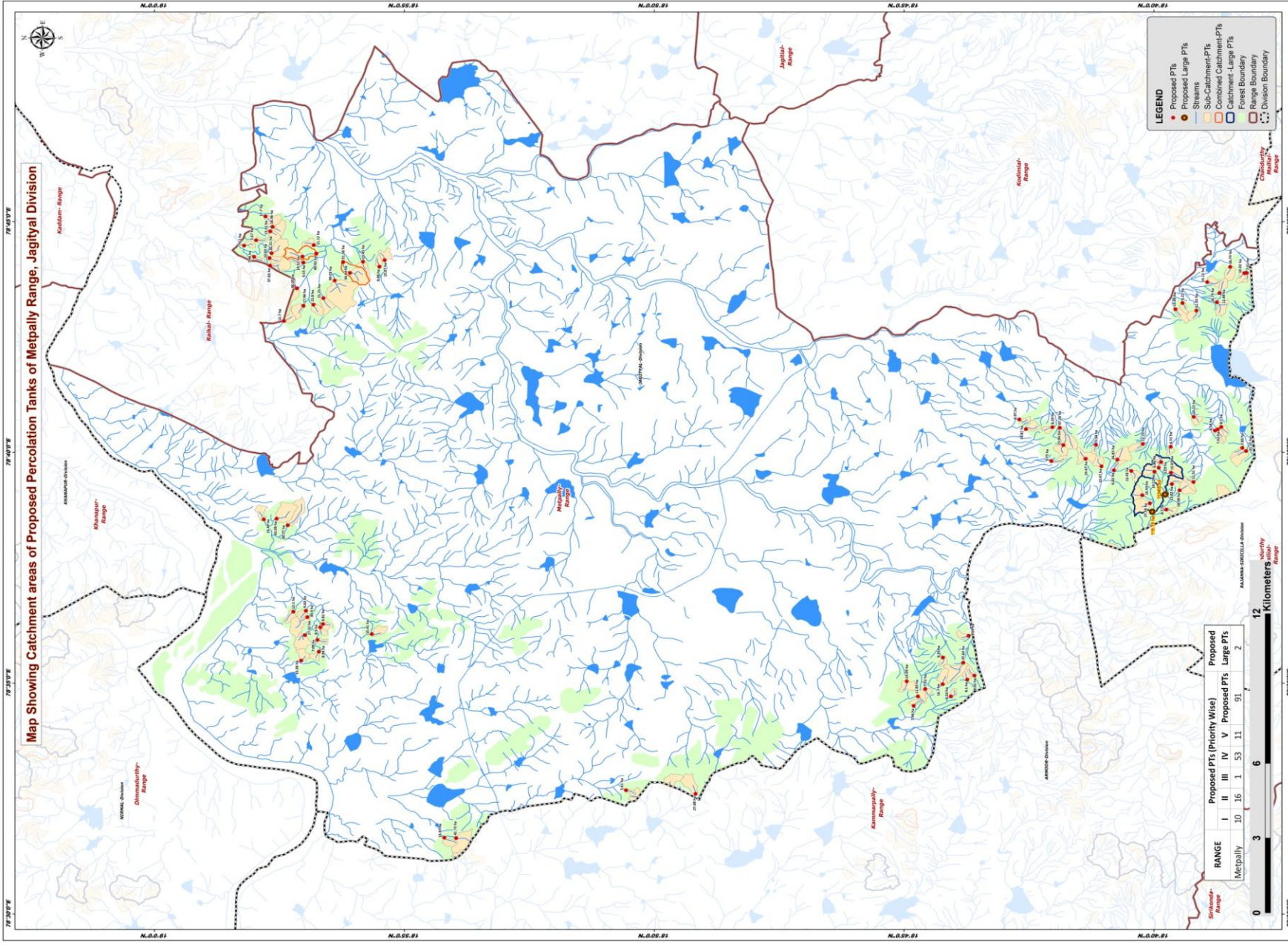
78°30'0"E 78°36'0"E 78°42'0"E 78°48'0"E 78°54'0"E 79°0'0"E 79°6'0"E 79°12'0"E 79°18'0"E

18°24'0"N
18°30'0"N
18°36'0"N
18°42'0"N
18°48'0"N
18°54'0"N
19°0'0"N
19°6'0"N
19°12'0"N

0 5 10 20 Kilometers

78°30'0"E 78°36'0"E 78°42'0"E 78°48'0"E 78°54'0"E 79°0'0"E 79°6'0"E 79°12'0"E 79°18'0"E





Beat wise Abstract of Proposed PT's – Metpally Range

S. No.	Beat	Proposed PT's
1	AMBARIPET	9
2	BANDALINGAPUR	1
3	CHINTAKUNTA	13
4	IBRAHIMPATNAM	1
5	KORUTLA	6
6	METPALLY	2
7	MOGALPET	3
8	POTHARAM	17
9	RANGARAOPET	11
10	REGUNTA	18
11	SATHAKKAPALLY	1
12	VEMULAKURTHY	9
	Total	91

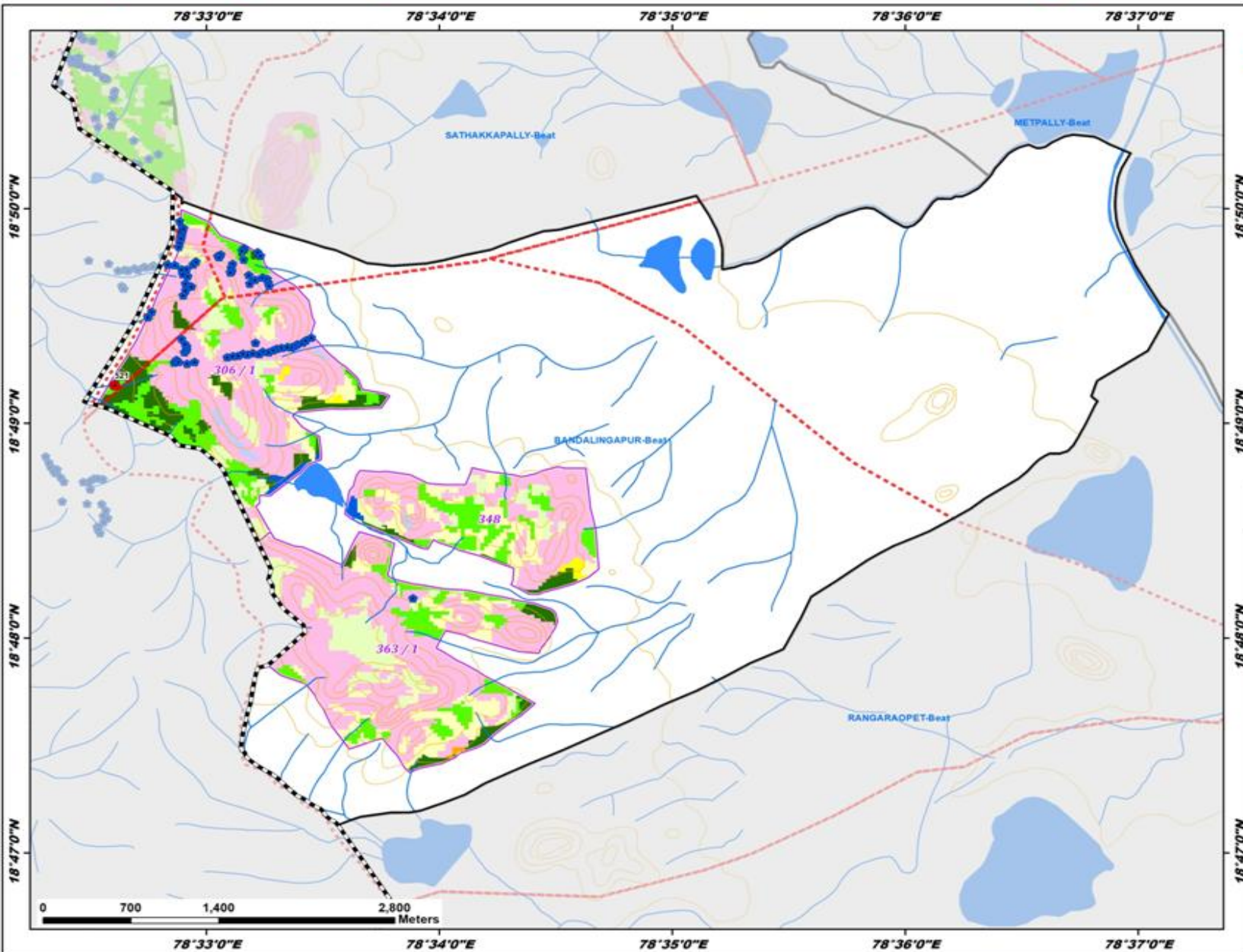
List of Proposed PTs – Metpally Range

ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat	ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat	ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat
445	18.927550	78.601110	15.41	IV	IBRAHIMPATNAM	485	18.661075	78.668776	6.51	IV	POTHARAM	525	18.728522	78.600523	9.09	I	RANGARAOPET
446	18.963573	78.642512	15.49	I	MOGALPET	486	18.664316	78.663222	5.03	IV	POTHARAM	526	18.737088	78.592646	8.35	II	RANGARAOPET
447	18.959291	78.642767	43.09	V	MOGALPET	487	18.665108	78.661149	6.86	IV	POTHARAM	527	18.742974	78.581277	7.52	II	RANGARAOPET
448	18.955579	78.640409	30.77	V	MOGALPET	488	18.645402	78.675078	7.62	IV	POTHARAM	528	18.730309	78.590772	37.64	II	RANGARAOPET
449	18.949526	78.609532	9.63	I	VEMULAKURTHY	489	18.653512	78.656041	11.51	IV	POTHARAM	529	18.728933	78.584665	8.10	II	RANGARAOPET
450	18.951111	78.591542	15.38	IV	VEMULAKURTHY	490	18.646348	78.674589	6.54	IV	POTHARAM	530	18.726566	78.586118	8.02	II	RANGARAOPET
451	18.943827	78.604755	8.82	IV	VEMULAKURTHY	491	18.660689	78.655265	13.82	IV	POTHARAM	531	18.734420	78.578626	6.32	IV	RANGARAOPET
452	18.944706	78.603580	8.50	IV	VEMULAKURTHY	492	18.658125	78.653012	18.58	IV	POTHARAM	532	18.745428	78.578646	11.83	IV	RANGARAOPET
453	18.953706	78.609198	12.10	IV	VEMULAKURTHY	493	18.661009	78.659397	15.67	IV	POTHARAM	533	18.737150	78.583042	16.70	IV	RANGARAOPET
454	18.945656	78.599033	7.08	IV	VEMULAKURTHY	494	18.662575	78.646081	8.70	IV	POTHARAM	534	18.746835	78.575208	7.56	IV	RANGARAOPET
455	18.945171	78.594786	8.94	IV	VEMULAKURTHY	495	18.653429	78.679555	10.22	IV	POTHARAM	535	18.842744	78.544744	5.61	II	SATHAKKAPALLY
456	18.949835	78.600753	27.32	V	VEMULAKURTHY	496	18.670368	78.669753	11.72	IV	POTHARAM						
457	18.949008	78.607224	33.30	V	VEMULAKURTHY	497	18.924994	78.733773	8.89	I	KORUTLA						
458	18.641235	78.733696	16.74	I	AMBARIPET	498	18.923225	78.736116	15.87	I	KORUTLA						
459	18.659519	78.718433	15.09	II	AMBARIPET	499	18.934806	78.731513	34.64	II	KORUTLA						
460	18.636543	78.731462	10.02	II	AMBARIPET	500	18.930467	78.735572	13.45	II	KORUTLA						
461	18.635766	78.731510	7.31	IV	AMBARIPET	501	18.939925	78.728792	99.01	IV	KORUTLA						
462	18.657154	78.720656	8.22	IV	AMBARIPET	502	18.937110	78.735447	51.38	IV	KORUTLA						
463	18.645712	78.720928	18.75	IV	AMBARIPET	503	18.956824	78.714142	12.70	I	REGUNTA						
464	18.644807	78.724231	12.49	IV	AMBARIPET	504	18.943691	78.722430	21.21	II	REGUNTA						
465	18.652498	78.717936	11.93	IV	AMBARIPET	505	18.950329	78.719690	17.96	II	REGUNTA						
466	18.648952	78.728224	13.12	IV	AMBARIPET	506	18.946889	78.741561	11.12	IV	REGUNTA						
467	18.686006	78.669453	5.34	II	CHINTAKUNTA	507	18.966128	78.743334	5.67	IV	REGUNTA						
468	18.700910	78.663555	9.75	II	CHINTAKUNTA	508	18.961408	78.746509	13.31	IV	REGUNTA						
469	18.674266	78.660015	12.43	IV	CHINTAKUNTA	509	18.950338	78.735241	9.55	IV	REGUNTA						
470	18.670548	78.651286	16.43	IV	CHINTAKUNTA	510	18.970130	78.741372	7.12	IV	REGUNTA						
471	18.696921	78.669342	15.94	IV	CHINTAKUNTA	511	18.950657	78.737408	19.52	IV	REGUNTA						
472	18.680047	78.660286	6.82	IV	CHINTAKUNTA	512	18.963030	78.751917	17.70	IV	REGUNTA						
473	18.684181	78.661704	12.67	IV	CHINTAKUNTA	513	18.946984	78.720057	13.80	IV	REGUNTA						
474	18.709372	78.675123	14.87	IV	CHINTAKUNTA	514	18.966825	78.737342	7.96	IV	REGUNTA						
475	18.689473	78.664406	24.67	IV	CHINTAKUNTA	515	18.961637	78.736887	10.02	IV	REGUNTA						
476	18.700523	78.675838	8.29	IV	CHINTAKUNTA	516	18.960615	78.748141	18.36	IV	REGUNTA						
477	18.711586	78.678585	6.97	IV	CHINTAKUNTA	517	18.961483	78.734158	37.83	V	REGUNTA						
478	18.668037	78.648322	27.59	V	CHINTAKUNTA	518	18.952489	78.725963	38.05	V	REGUNTA						
479	18.698113	78.675588	37.28	V	CHINTAKUNTA	519	18.960975	78.738642	32.51	V	REGUNTA						
480	18.635951	78.667210	21.15	I	POTHARAM	520	18.946056	78.738509	40.42	V	REGUNTA						
481	18.637218	78.668342	7.85	I	POTHARAM	521	18.819585	78.543426	27.68	III	BANDALINGAPUR						
482	18.644272	78.675897	8.70	II	POTHARAM	522	18.903381	78.527625	13.37	II	METPALLY						
483	18.678915	78.664111	24.83	IV	POTHARAM	523	18.899400	78.527472	42.73	V	METPALLY						
484	18.666483	78.659702	14.12	IV	POTHARAM	524	18.749159	78.584060	19.09	I	RANGARAOPET						

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



Division : Jagtial
Range : Metpally



ID	Latitude	Longitude	Catchment Area_Ha	Priority
521	18.819585	78.543426	27.68	III

Legend

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

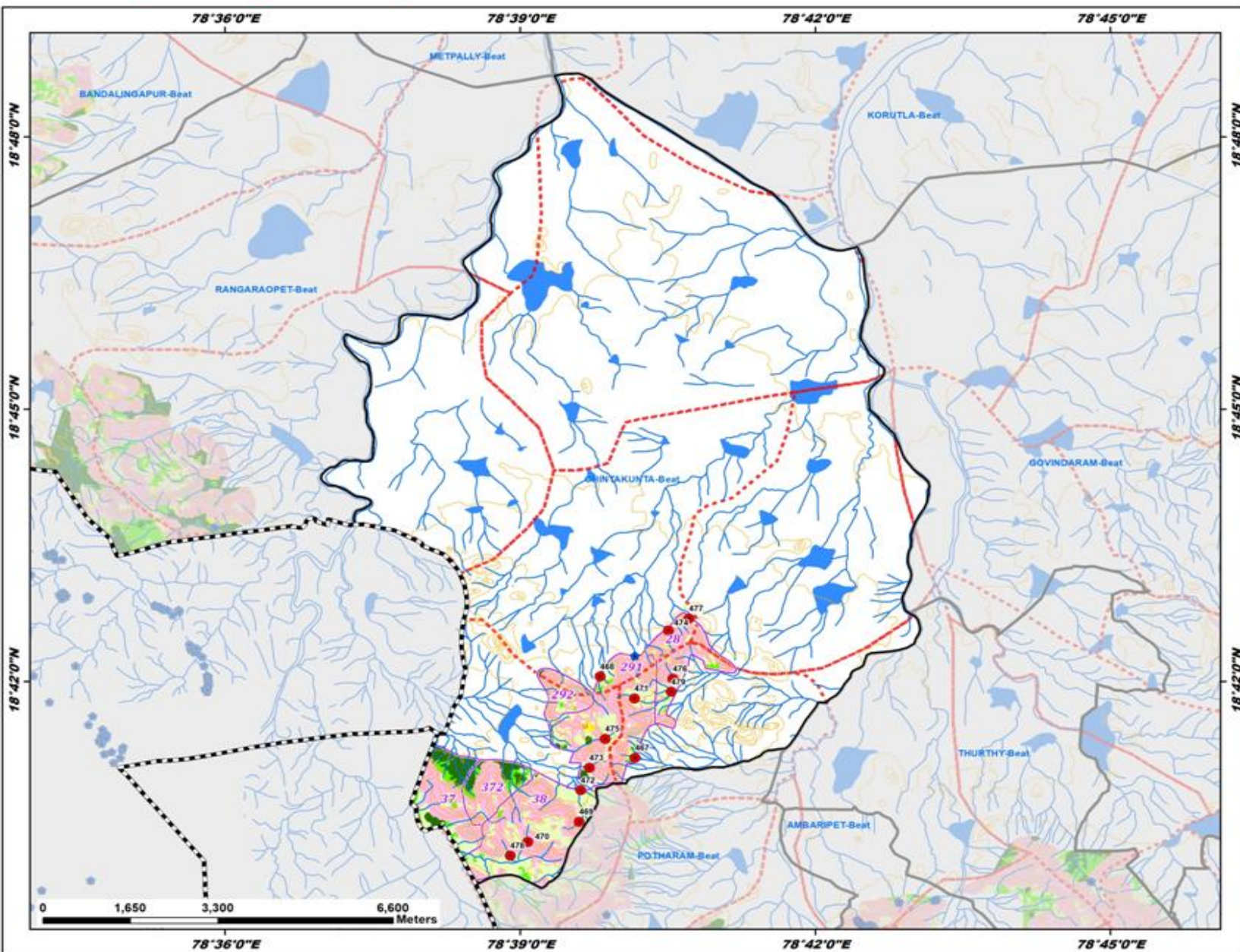
Suitability Index

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

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



Division : Jagtial
Range : Metpally



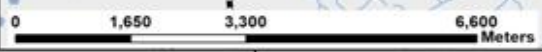
ID	Latitude	Longitude	Catchment Area_Ha	Priority
467	18.686006	78.669453	5.34	II
468	18.700910	78.663555	9.75	II
469	18.674266	78.660015	12.43	IV
470	18.670548	78.651286	16.43	IV
471	18.696921	78.669342	15.94	IV
472	18.680047	78.660286	6.82	IV
473	18.684181	78.661704	12.67	IV
474	18.709372	78.675123	14.87	IV
475	18.689473	78.664406	24.67	IV
476	18.700523	78.675838	8.29	IV
477	18.711586	78.678585	6.97	IV
478	18.668037	78.648322	27.59	V
479	18.698113	78.675588	37.28	V

Legend

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

Suitability Index

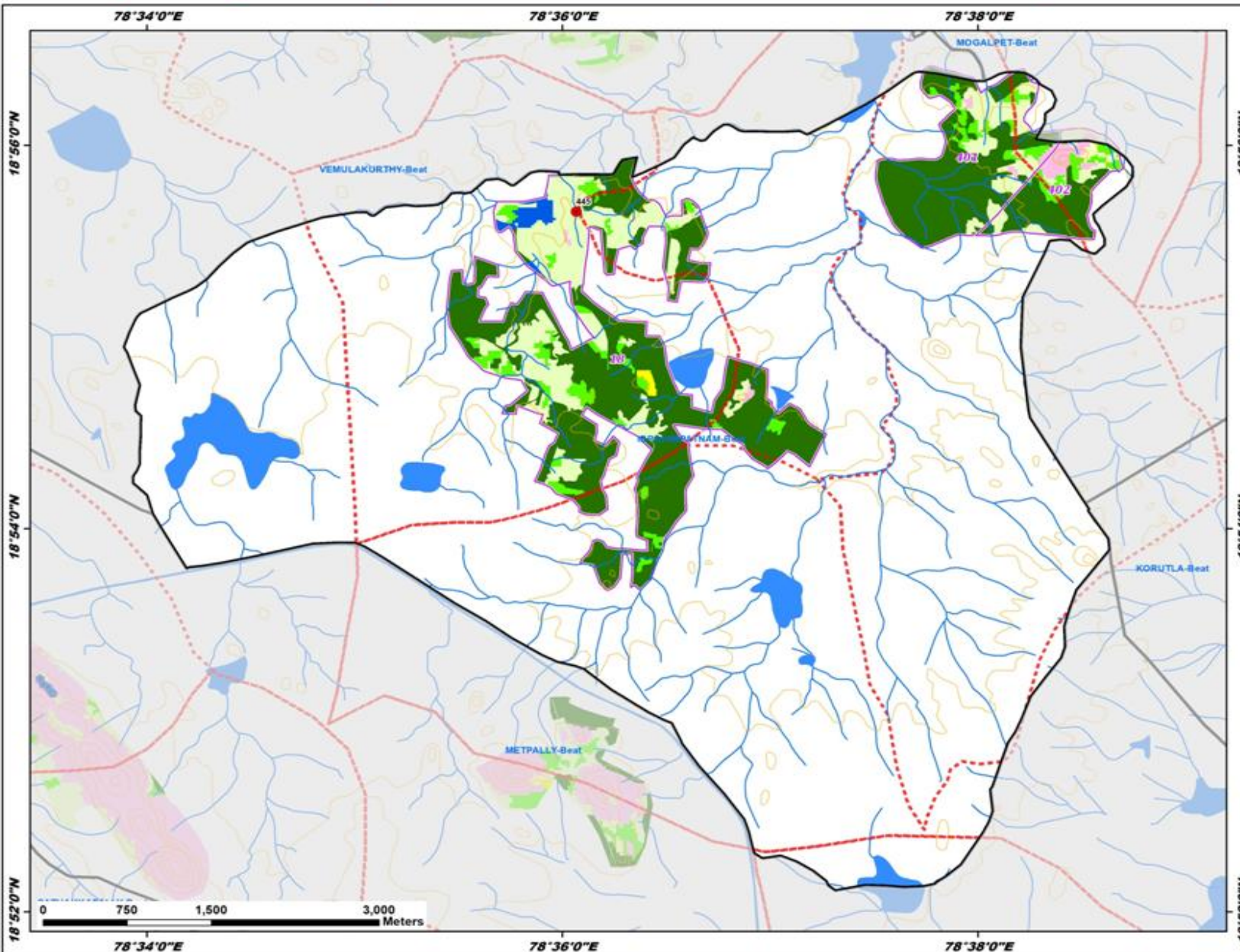
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body



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



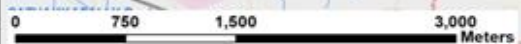
Division : Jagtial
Range : Metpally



ID	Latitude	Longitude	Catchment Area_Ha	Priority
445	18.927550	78.601110	15.41	IV

Legend

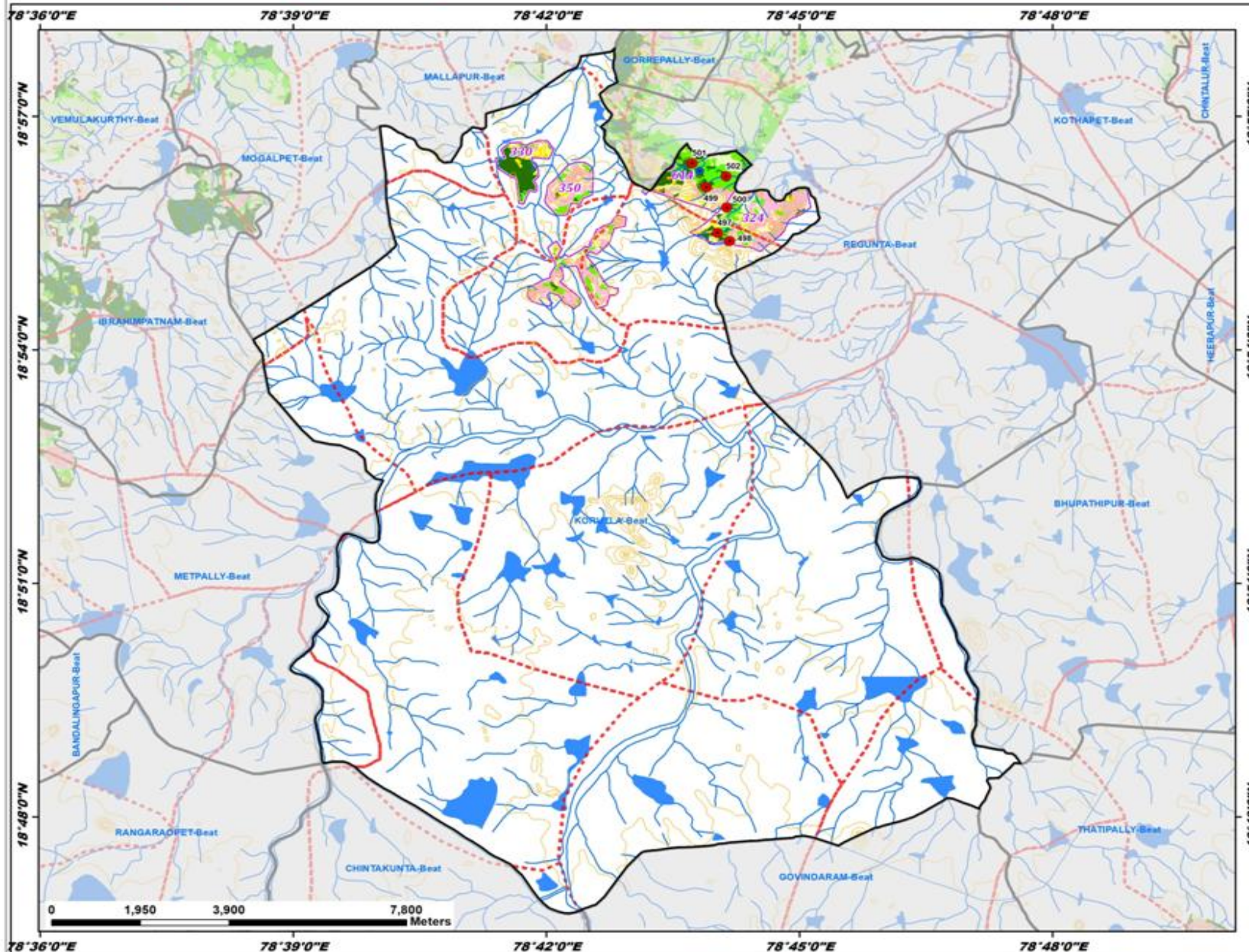
- Proposed PTs
 - Existing CD/PTs
 - Contours
 - Streams
 - Watershed Boundary
 - Compartment Boundary
 - Beat Boundary
 - Division Boundary
- Suitability Index**
- CCTs/SCTs - Highly Suitable
 - CCTs/SCTs - Moderately Suitable
 - CCTs/SCTs - Least Suitable
 - PTs - Highly Suitable
 - PTs - Moderately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



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



Division : Jagtial
Range : Metpally



ID	Latitude	Longitude	Catchment Area_Ha	Priority
497	18.924994	78.733773	8.89	I
498	18.923225	78.736116	15.87	I
499	18.934806	78.731513	34.64	II
500	18.930467	78.735572	13.45	II
501	18.939925	78.728792	99.01	IV
502	18.937110	78.735447	51.38	IV

Legend

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

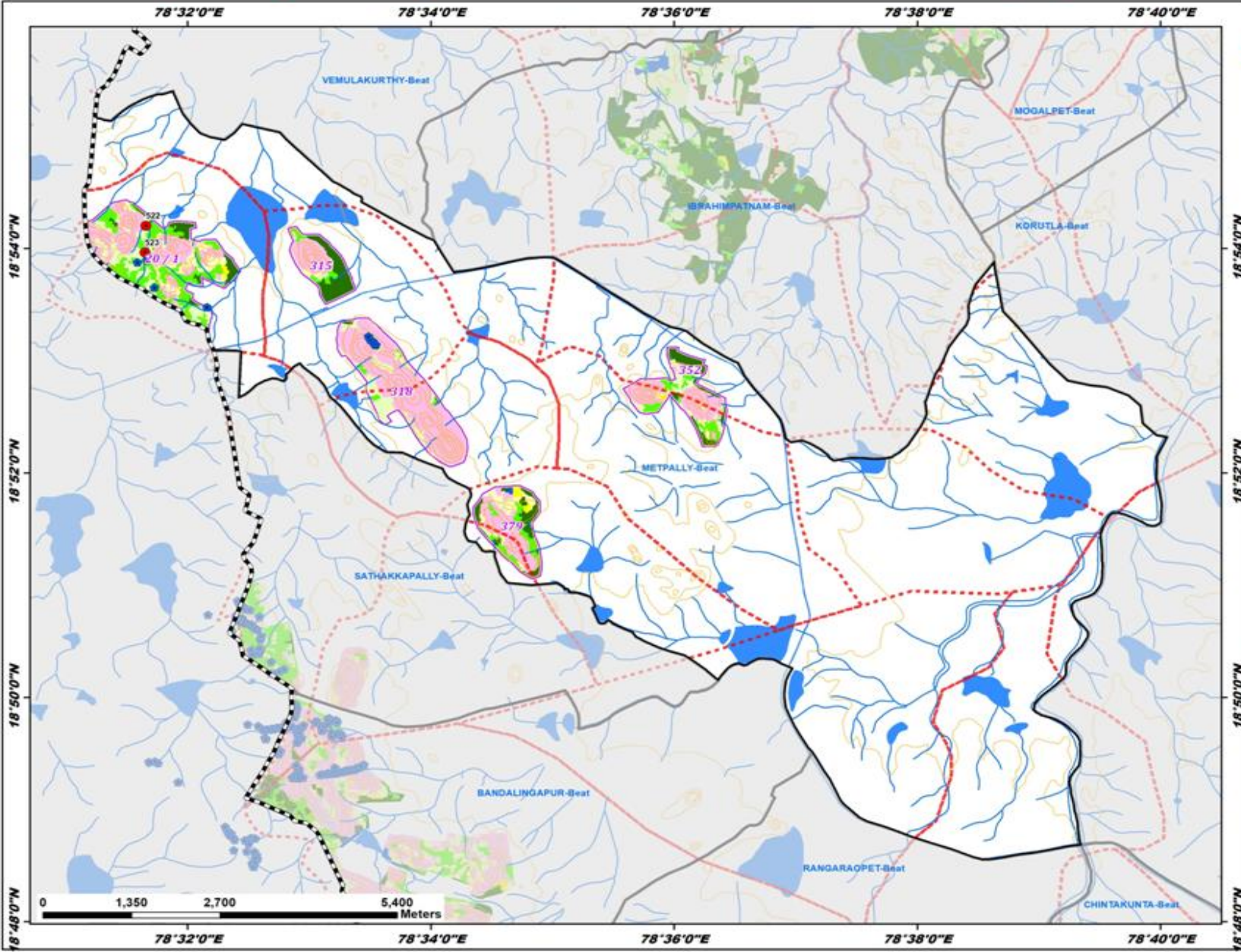
Suitability Index

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

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



Division : Jagtial
Range : Metpally



ID	Latitude	Longitude	Catchment Area_Ha	Priority
522	18.903381	78.527625	13.37	II
523	18.899400	78.527472	42.73	V

Legend

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

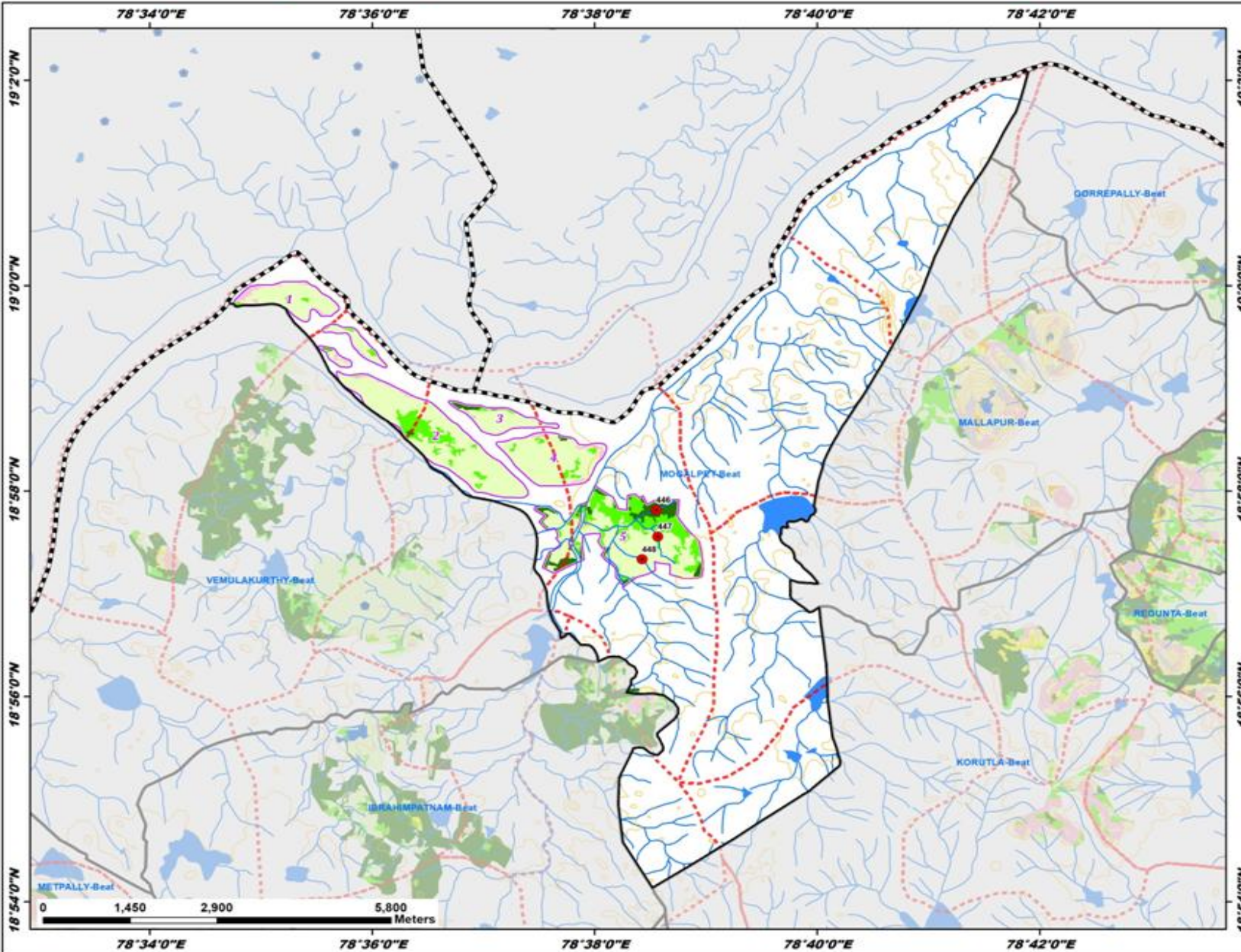
Suitability Index

- 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 Mogalpet Beat



Division : Jagtial
Range : Metpally



ID	Latitude	Longitude	Catchment Area_Ma	Priority
446	18.963573	78.642512	15.49	I
447	18.959291	78.642767	43.09	V
448	18.955579	78.640409	30.77	V

Legend

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

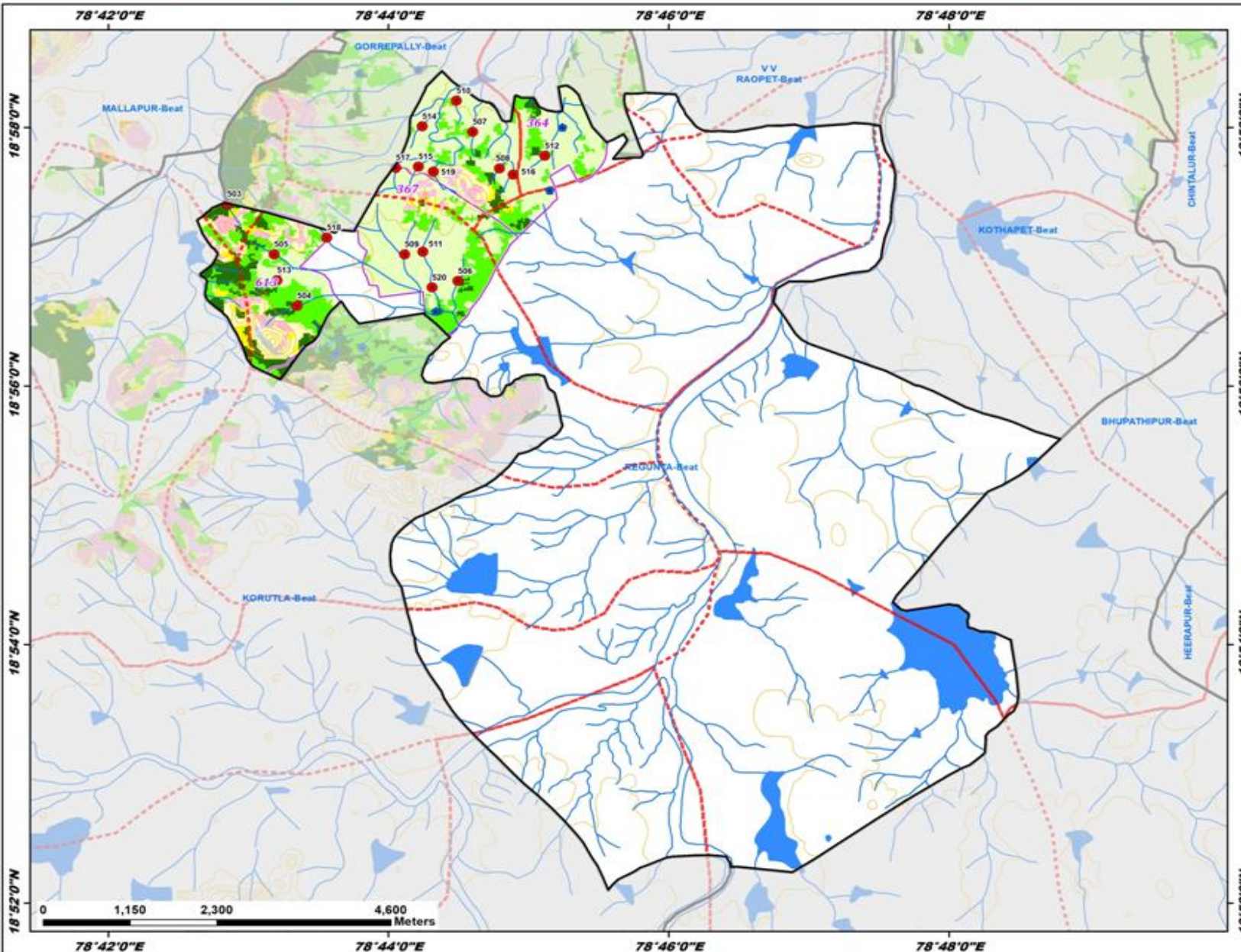
Suitability Index

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

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



Division : Jagtial
Range : Metpally



ID	Latitude	Longitude	Catchment Area_Ha	Priority
503	18.956824	78.714142	12.70	I
504	18.943691	78.722430	21.21	II
505	18.950329	78.719690	17.96	II
506	18.946889	78.741561	11.12	IV
507	18.966128	78.743334	5.67	IV
508	18.961408	78.746509	13.31	IV
509	18.950338	78.735241	9.55	IV
510	18.970130	78.741372	7.12	IV
511	18.950657	78.737408	19.52	IV
512	18.963030	78.751917	17.70	IV
513	18.946984	78.720057	13.80	IV
514	18.966825	78.737342	7.96	IV
515	18.961637	78.736887	10.02	IV
516	18.960615	78.748141	18.36	IV
517	18.961483	78.734158	37.83	V
518	18.952489	78.725963	38.05	V
519	18.960975	78.738642	32.51	V
520	18.946056	78.738509	40.42	V

Legend

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

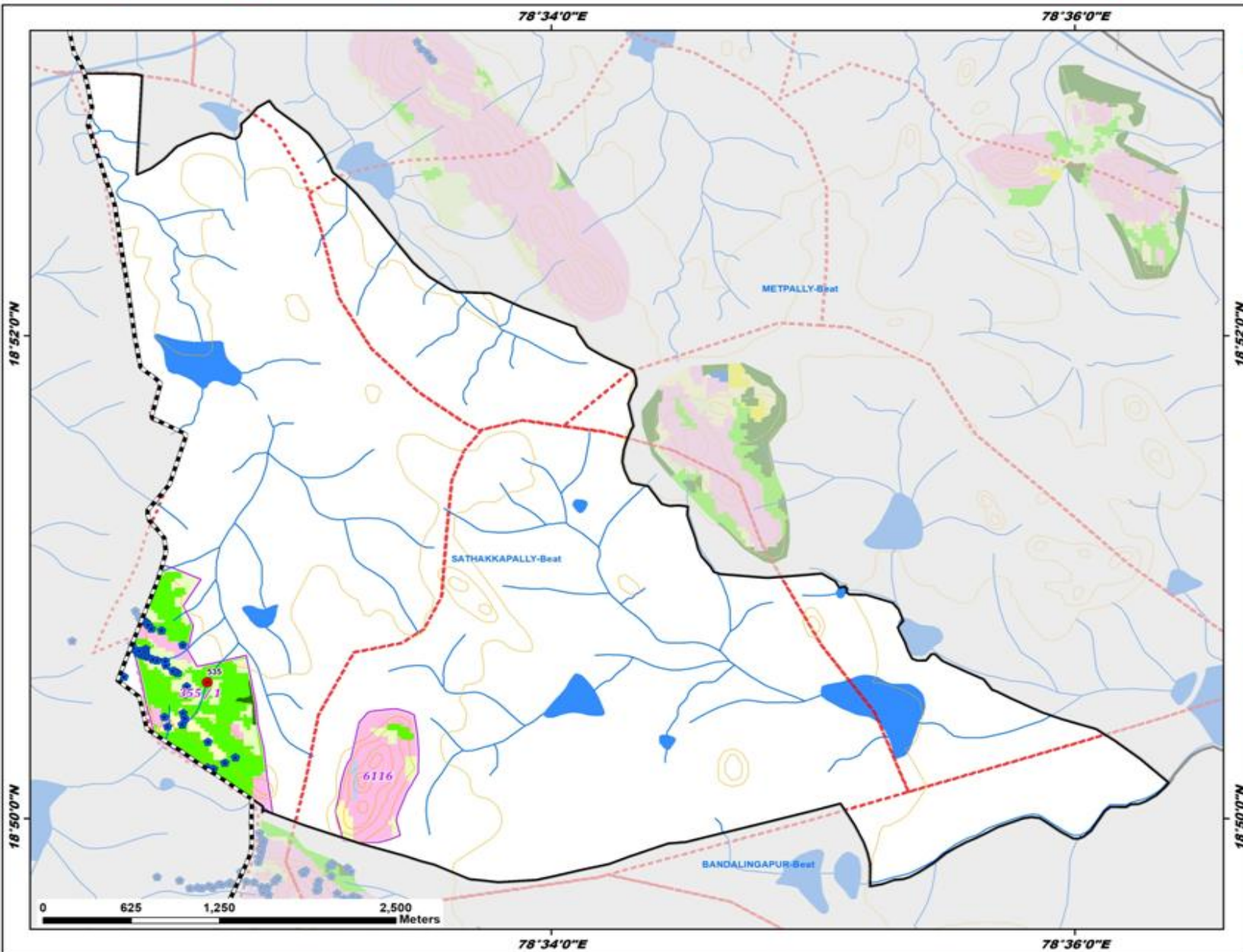
Suitability Index

- 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 Sathakkapally Beat



Division : Jagtial
Range : Metpally



ID	Latitude	Longitude	Catchment Area_Ha	Priority
535	18.842744	78.544744	5.61	II

Legend

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

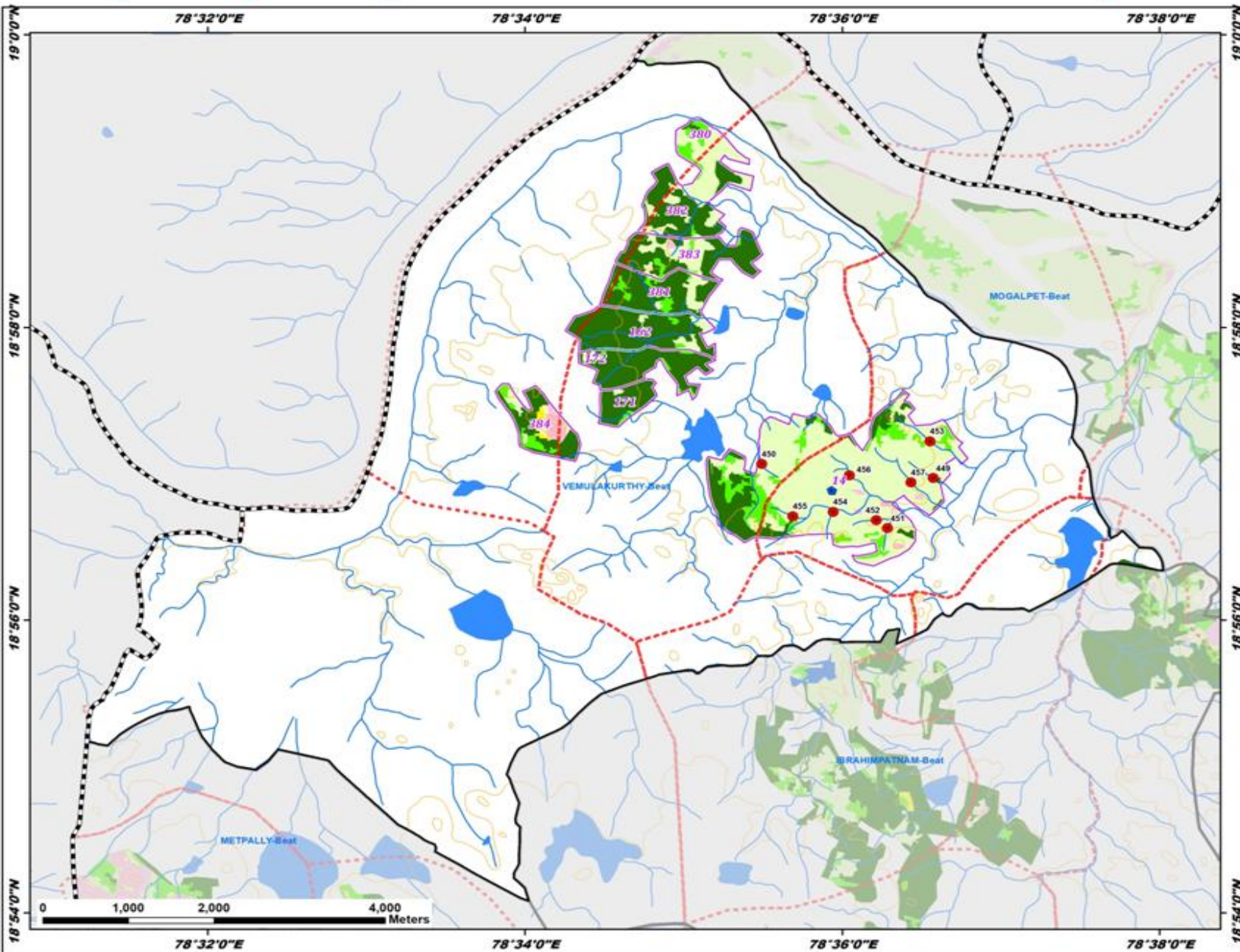
Suitability Index

- 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 Vemulakurthy Beat



Division : Jagtial
Range : Metpally



ID	Latitude	Longitude	Catchment Area_Ha	Priority
449	18.949526	78.609532	9.63	I
450	18.951111	78.591542	15.38	IV
451	18.943827	78.604755	8.82	IV
452	18.944706	78.603580	8.50	IV
453	18.953706	78.609198	12.10	IV
454	18.945656	78.599033	7.08	IV
455	18.945171	78.594786	8.94	IV
456	18.949835	78.600753	27.32	V
457	18.949008	78.607224	33.30	V

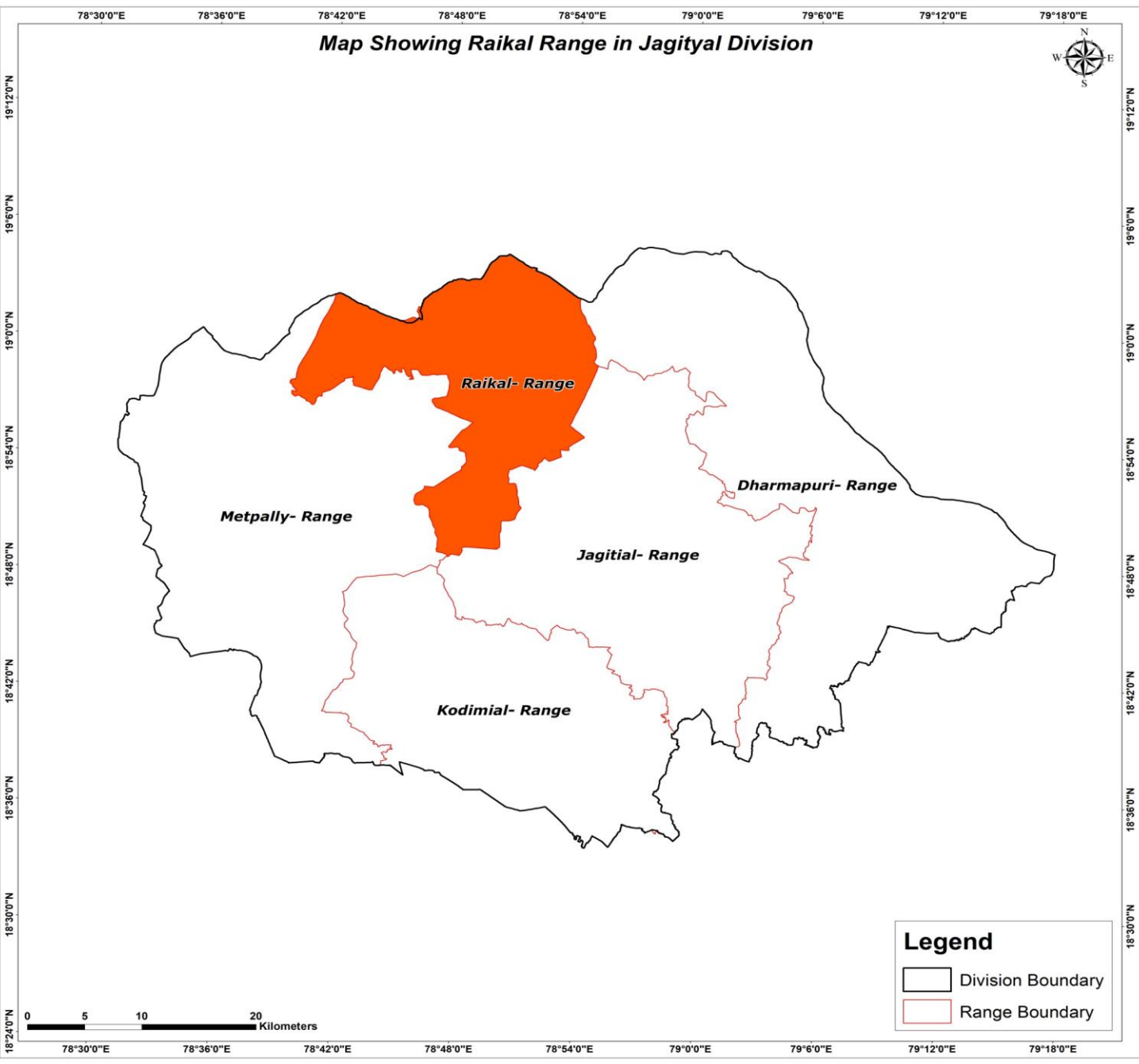
Legend

- 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

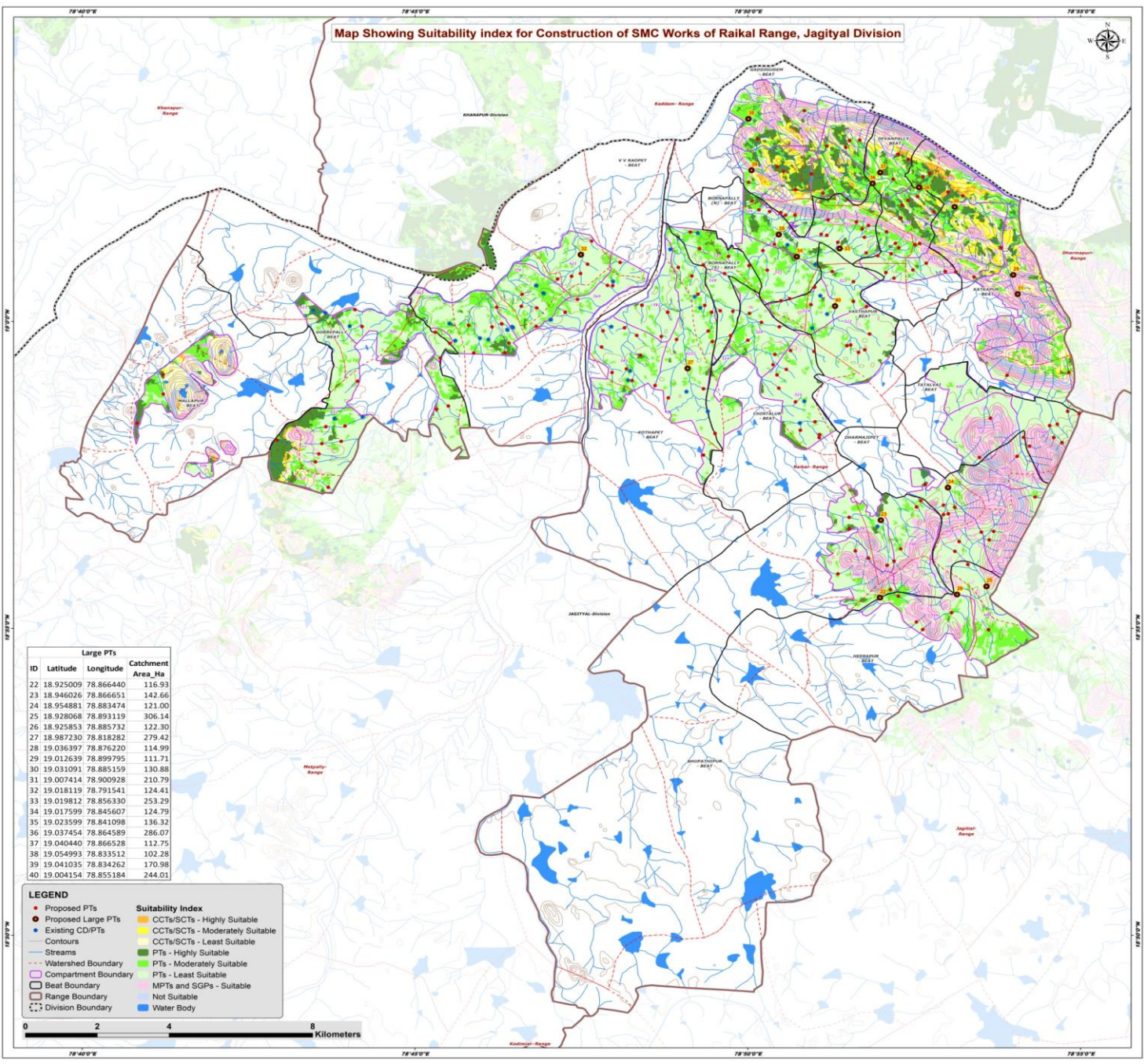
Map Showing Raikal Range in Jagityal Division



Legend

- Division Boundary
- Range Boundary

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



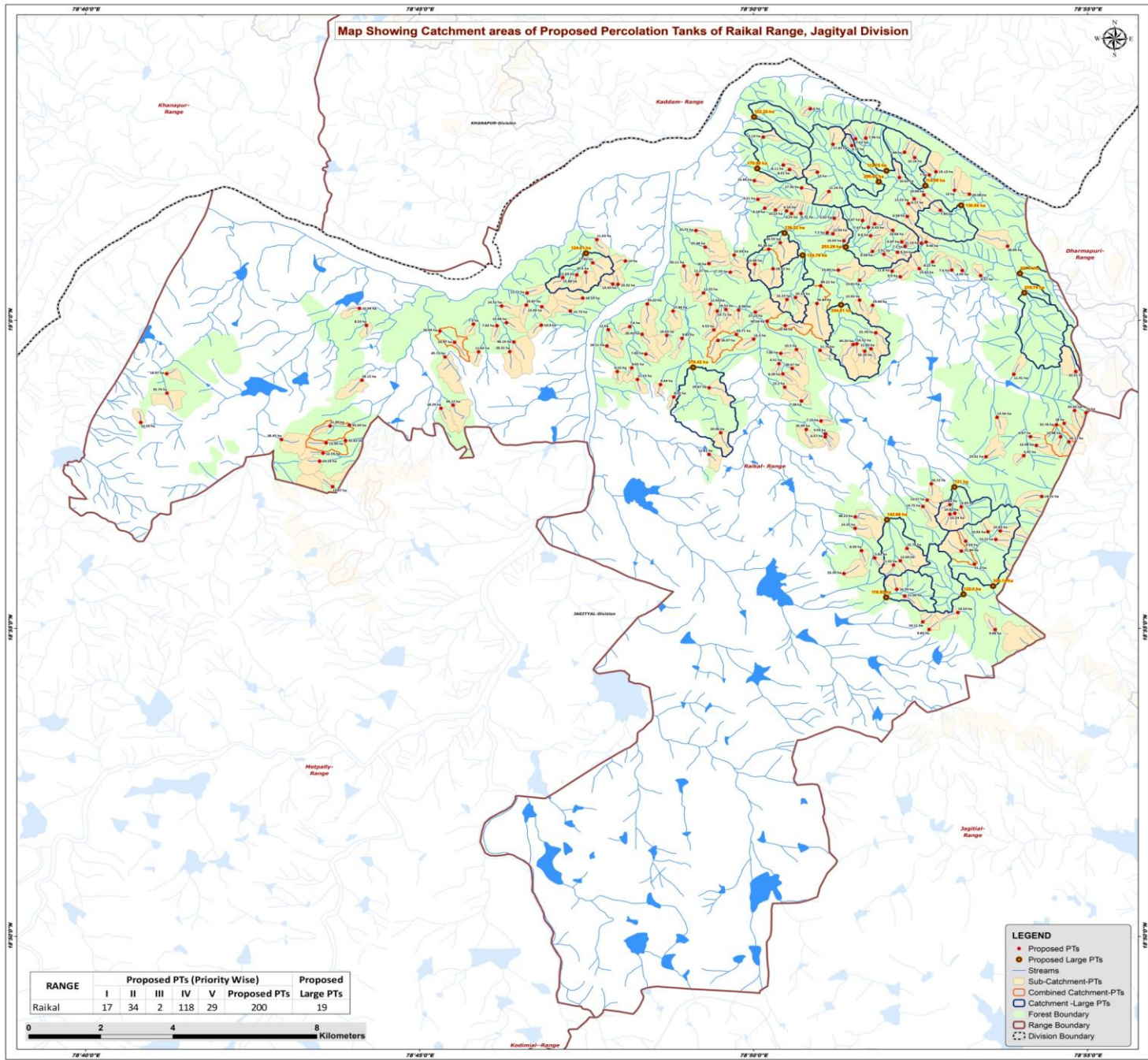
Large PTs

ID	Latitude	Longitude	Catchment Area_Ha
22	18.925009	78.865440	116.93
23	18.946026	78.866651	142.66
24	18.954881	78.883474	121.00
25	18.928068	78.893119	306.14
26	18.925853	78.885732	122.30
27	18.987230	78.818282	279.42
28	19.036397	78.876220	114.99
29	19.012639	78.899795	111.71
30	19.031091	78.885159	130.88
31	19.007414	78.900928	210.79
32	19.018119	78.791541	124.41
33	19.019812	78.856330	253.29
34	19.017599	78.845607	124.79
35	19.023599	78.841098	136.32
36	19.037454	78.864589	286.07
37	19.040440	78.866528	112.75
38	19.054993	78.833512	102.28
39	19.041035	78.834262	170.98
40	19.004154	78.855184	244.01

- 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
 - MFTs and SGPs - Suitable
 - Not Suitable
 - Water Body



Map Showing Catchment areas of Proposed Percolation Tanks of Raikal Range, Jagityal Division



RANGE	Proposed PTs (Priority Wise)					Proposed Large PTs
	I	II	III	IV	V	
Raikal	17	34	2	118	29	200



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 – Raikal Range

S. No.	Beat	Proposed PT's
1	BHUPATHIPUR	11
2	BORNAPALLY NORTH	17
3	BORNAPALLY SOUTH	9
4	CHINTALUR	17
5	DEVANPALLY	20
6	DHARMAJIPET	13
7	GADDIGUDEM	15
8	GORREPALLY	14
9	HEERAPUR	6
10	KATKAPUR	10
11	KOTHAPET	23
12	MALLAPUR	3
13	TATALVAI	8
14	V V RAOPET	23
15	VASTHAPUR	11
	Total	200

List of Proposed PTs – Raikal 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
536	18.943695	78.858672	14.35	I	BHUPATHIPUR	576	18.988244	78.839678	4.51	IV	CHINTALUR	616	19.035151	78.883504	13.00	I	KATKAPUR
537	18.951333	78.876677	12.27	II	BHUPATHIPUR	577	18.969270	78.851317	9.93	IV	CHINTALUR	617	19.012059	78.889993	8.57	II	KATKAPUR
538	18.938260	78.871644	22.78	II	BHUPATHIPUR	578	18.992101	78.844053	10.50	IV	CHINTALUR	618	19.013430	78.885430	4.99	II	KATKAPUR
539	18.935700	78.863582	5.82	IV	BHUPATHIPUR	579	18.985472	78.840667	8.28	IV	CHINTALUR	619	19.039278	78.877217	7.00	II	KATKAPUR
540	18.931458	78.855924	23.35	IV	BHUPATHIPUR	580	18.994896	78.833376	13.30	IV	CHINTALUR	620	19.020018	78.896748	38.94	II	KATKAPUR
541	18.933790	78.868267	11.02	IV	BHUPATHIPUR	581	18.981874	78.841118	22.20	IV	CHINTALUR	621	19.034083	78.887211	20.08	II	KATKAPUR
542	18.937663	78.860271	8.59	IV	BHUPATHIPUR	582	18.991023	78.840132	7.86	IV	CHINTALUR	622	18.986113	78.913731	32.01	III	KATKAPUR
543	18.934929	78.869959	12.64	IV	BHUPATHIPUR	583	18.969581	78.825172	24.06	IV	CHINTALUR	623	18.985367	78.898280	11.91	IV	KATKAPUR
544	18.927185	78.869092	16.59	IV	BHUPATHIPUR	584	18.998544	78.841259	19.36	IV	CHINTALUR	624	18.974977	78.916318	16.00	IV	KATKAPUR
545	18.949609	78.875603	14.75	IV	BHUPATHIPUR	585	18.972743	78.850183	7.13	IV	CHINTALUR	625	18.968490	78.909949	10.98	IV	TATALVAI
546	18.946805	78.858733	38.21	V	BHUPATHIPUR	586	18.968439	78.851232	6.57	IV	CHINTALUR	626	18.967104	78.912049	18.12	IV	TATALVAI
547	18.955728	78.877702	16.12	I	DHARMAJIPET	587	18.978156	78.845318	7.38	IV	CHINTALUR	627	18.973723	78.894110	13.56	IV	TATALVAI
548	18.949517	78.885167	8.95	II	DHARMAJIPET	588	19.002187	78.833803	27.23	V	CHINTALUR	628	18.972113	78.910845	18.00	IV	TATALVAI
549	18.952335	78.905280	19.31	IV	DHARMAJIPET	589	18.986983	78.842989	28.67	V	CHINTALUR	629	18.963068	78.891353	23.61	IV	TATALVAI
550	18.968499	78.902451	6.67	IV	DHARMAJIPET	590	18.970451	78.846515	26.09	V	CHINTALUR	630	18.966120	78.903920	12.08	IV	TATALVAI
551	18.950115	78.882357	14.64	IV	DHARMAJIPET	591	18.999728	78.836747	39.54	V	CHINTALUR	631	18.975579	78.913448	33.45	V	TATALVAI
552	18.947525	78.882345	10.24	IV	DHARMAJIPET	592	18.990828	78.806490	7.83	I	KOTHAPET	632	18.971696	78.908911	55.78	V	TATALVAI
553	18.963365	78.900761	6.92	IV	DHARMAJIPET	593	18.983950	78.804405	11.23	II	KOTHAPET	633	18.976178	78.755363	18.29	I	GORREPALLY
554	18.940686	78.893803	13.22	IV	DHARMAJIPET	594	18.963713	78.822217	12.61	IV	KOTHAPET	634	18.971420	78.727700	11.99	II	GORREPALLY
555	18.942790	78.891849	10.93	IV	DHARMAJIPET	595	18.996195	78.805546	20.92	IV	KOTHAPET	635	18.961871	78.725102	24.24	II	GORREPALLY
556	18.940225	78.886278	6.64	IV	DHARMAJIPET	596	18.995104	78.815519	9.85	IV	KOTHAPET	636	18.967735	78.715551	38.45	II	GORREPALLY
557	18.947778	78.883557	14.82	IV	DHARMAJIPET	597	19.002487	78.824308	10.71	IV	KOTHAPET	637	18.998610	78.736754	8.53	IV	GORREPALLY
558	18.943007	78.894902	10.83	IV	DHARMAJIPET	598	18.979244	78.813468	8.32	IV	KOTHAPET	638	18.964063	78.725942	12.55	IV	GORREPALLY
559	18.937567	78.885204	31.84	V	DHARMAJIPET	599	18.995898	78.811690	19.03	IV	KOTHAPET	639	19.003198	78.735012	10.09	IV	GORREPALLY
560	18.925394	78.871063	11.06	II	HEERAPUR	600	18.986127	78.799355	8.25	IV	KOTHAPET	640	18.966824	78.726710	13.94	IV	GORREPALLY
561	18.916305	78.893614	9.88	II	HEERAPUR	601	19.004346	78.822567	12.03	IV	KOTHAPET	641	18.954957	78.728317	12.47	IV	GORREPALLY
562	18.920925	78.884356	14.53	IV	HEERAPUR	602	19.002490	78.813263	17.84	IV	KOTHAPET	642	18.977032	78.758378	34.12	V	GORREPALLY
563	18.918409	78.875574	10.11	IV	HEERAPUR	603	18.998278	78.802485	7.60	IV	KOTHAPET	643	18.983784	78.735630	28.15	V	GORREPALLY
564	18.916351	78.877149	9.84	IV	HEERAPUR	604	18.982614	78.810119	8.64	IV	KOTHAPET	644	18.990057	78.756375	45.72	V	GORREPALLY
565	18.934027	78.888443	51.20	V	HEERAPUR	605	19.014670	78.815962	20.11	IV	KOTHAPET	645	18.967429	78.731546	35.63	V	GORREPALLY
566	19.024268	78.818982	15.72	II	BORNAPALLY (S)	606	19.007385	78.820861	11.55	IV	KOTHAPET	646	18.971583	78.732500	45.69	V	GORREPALLY
567	19.019784	78.821279	25.46	III	BORNAPALLY (S)	607	19.012350	78.819337	11.27	IV	KOTHAPET	647	18.985523	78.686936	10.97	I	MALLAPUR
568	19.017635	78.828509	10.93	IV	BORNAPALLY (S)	608	18.997448	78.797086	12.00	IV	KOTHAPET	648	18.972354	78.680446	10.59	I	MALLAPUR
569	19.002755	78.829603	8.96	IV	BORNAPALLY (S)	609	18.987116	78.802963	8.65	IV	KOTHAPET	649	18.980273	78.686988	35.79	V	MALLAPUR
570	19.002919	78.826433	19.52	IV	BORNAPALLY (S)	610	18.997399	78.823466	9.53	IV	KOTHAPET	650	18.998632	78.780381	10.30	II	V V RAOPET
571	19.015294	78.822198	16.00	IV	BORNAPALLY (S)	611	18.994543	78.824482	18.07	IV	KOTHAPET	651	18.991508	78.772519	28.32	II	V V RAOPET
572	19.012970	78.827519	17.55	IV	BORNAPALLY (S)	612	18.993048	78.796744	16.11	IV	KOTHAPET	652	19.004103	78.776663	10.87	IV	V V RAOPET
573	19.015150	78.833657	13.86	IV	BORNAPALLY (S)	613	19.004395	78.806863	33.22	V	KOTHAPET	653	19.021797	78.794250	11.63	IV	V V RAOPET
574	18.996134	78.829038	43.71	V	BORNAPALLY (S)	614	18.981735	78.822268	25.67	V	KOTHAPET	654	19.009692	78.799527	10.32	IV	V V RAOPET
575	18.991852	78.849935	11.76	IV	CHINTALUR	615	19.040165	78.878872	19.13	I	KATKAPUR	655	19.013012	78.791468	20.60	IV	V V RAOPET

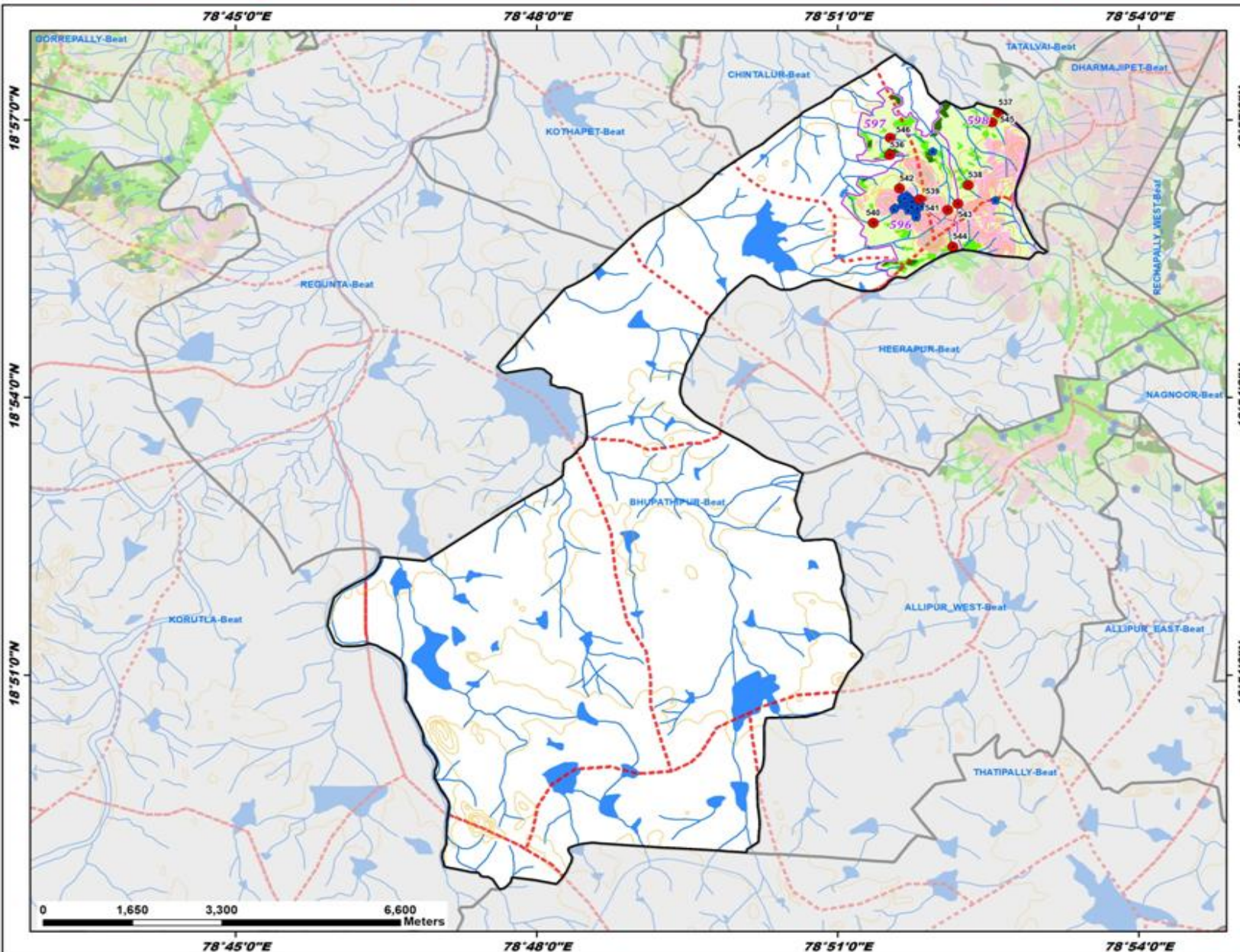
List of Proposed PTs – Raikal Range

ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat	ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat
656	19.016021	78.801390	14.00	IV	V V RAOPET	696	19.033891	78.875840	10.99	II	DEVANPALLY
657	19.003850	78.770490	14.52	IV	V V RAOPET	697	19.020822	78.875219	11.19	II	DEVANPALLY
658	18.998927	78.763439	7.30	IV	V V RAOPET	698	19.038611	78.869755	10.61	II	DEVANPALLY
659	19.007367	78.776838	11.72	IV	V V RAOPET	699	19.032824	78.873418	6.17	II	DEVANPALLY
660	19.003646	78.780531	19.99	IV	V V RAOPET	700	19.021180	78.870321	8.97	IV	DEVANPALLY
661	19.012267	78.789223	12.69	IV	V V RAOPET	701	19.011770	78.869960	9.90	IV	DEVANPALLY
662	18.999344	78.771695	15.68	IV	V V RAOPET	702	19.017846	78.865873	7.51	IV	DEVANPALLY
663	18.994042	78.758760	14.97	IV	V V RAOPET	703	19.013560	78.882812	7.60	IV	DEVANPALLY
664	19.009776	78.798215	13.43	IV	V V RAOPET	704	19.015799	78.878021	8.22	IV	DEVANPALLY
665	18.998502	78.769322	7.82	IV	V V RAOPET	705	19.018396	78.869257	9.43	IV	DEVANPALLY
666	19.002491	78.787627	14.73	IV	V V RAOPET	706	19.013270	78.867922	11.80	IV	DEVANPALLY
667	18.991447	78.764755	11.64	IV	V V RAOPET	707	19.024320	78.868095	10.68	IV	DEVANPALLY
668	19.011518	78.785754	15.88	IV	V V RAOPET	708	19.013963	78.874690	15.63	IV	DEVANPALLY
669	19.015542	78.793225	27.82	V	V V RAOPET	709	19.020005	78.871168	7.20	IV	DEVANPALLY
670	18.994122	78.773535	46.16	V	V V RAOPET	710	19.035806	78.845325	17.36	I	GADDIGUEDEM
671	19.005973	78.790727	28.14	V	V V RAOPET	711	19.040028	78.849265	13.00	I	GADDIGUEDEM
672	18.997071	78.755083	36.49	V	V V RAOPET	712	19.041970	78.840772	8.11	I	GADDIGUEDEM
673	19.025098	78.861994	7.97	II	BORNAPALLY(N)	713	19.040764	78.842323	8.01	I	GADDIGUEDEM
674	19.032703	78.834444	9.51	II	BORNAPALLY(N)	714	19.049550	78.835772	11.13	I	GADDIGUEDEM
675	19.005589	78.841691	14.23	IV	BORNAPALLY(N)	715	19.047268	78.857849	4.77	II	GADDIGUEDEM
676	19.021472	78.855896	10.64	IV	BORNAPALLY(N)	716	19.049086	78.858819	7.02	II	GADDIGUEDEM
677	19.026962	78.860557	8.67	IV	BORNAPALLY(N)	717	19.047583	78.853165	17.65	II	GADDIGUEDEM
678	19.006156	78.843818	20.29	IV	BORNAPALLY(N)	718	19.057199	78.847525	6.00	II	GADDIGUEDEM
679	19.030293	78.836130	8.18	IV	BORNAPALLY(N)	719	19.049243	78.861349	7.96	II	GADDIGUEDEM
680	19.026046	78.863560	8.43	IV	BORNAPALLY(N)	720	19.034815	78.852146	11.24	II	GADDIGUEDEM
681	19.029830	78.838841	10.23	IV	BORNAPALLY(N)	721	19.028879	78.845182	4.71	II	GADDIGUEDEM
682	19.027576	78.853498	5.92	IV	BORNAPALLY(N)	722	19.037762	78.833552	15.99	II	GADDIGUEDEM
683	19.023669	78.851731	7.20	IV	BORNAPALLY(N)	723	19.028871	78.842830	8.25	IV	GADDIGUEDEM
684	19.022856	78.862552	8.80	IV	BORNAPALLY(N)	724	19.029565	78.841587	6.18	IV	GADDIGUEDEM
685	19.023379	78.853149	11.93	IV	BORNAPALLY(N)	725	19.005435	78.859811	13.93	II	VASTHAPUR
686	19.018612	78.862993	8.38	IV	BORNAPALLY(N)	726	18.996580	78.863860	22.78	IV	VASTHAPUR
687	19.020954	78.840005	34.55	V	BORNAPALLY(N)	727	19.010805	78.859815	15.61	IV	VASTHAPUR
688	19.013912	78.838226	28.42	V	BORNAPALLY(N)	728	18.993596	78.859100	10.52	IV	VASTHAPUR
689	19.019217	78.837129	81.36	V	BORNAPALLY(N)	729	19.013543	78.854512	23.89	IV	VASTHAPUR
690	19.029757	78.879981	7.84	I	DEVANPALLY	730	19.004040	78.863056	14.46	IV	VASTHAPUR
691	19.028056	78.871700	8.58	I	DEVANPALLY	731	18.992269	78.862651	11.83	IV	VASTHAPUR
692	19.031556	78.872022	13.53	I	DEVANPALLY	732	18.993416	78.858176	34.24	V	VASTHAPUR
693	19.045447	78.871020	7.66	I	DEVANPALLY	733	18.991609	78.861084	33.35	V	VASTHAPUR
694	19.043996	78.873564	10.26	II	DEVANPALLY	734	19.004521	78.849159	56.84	V	VASTHAPUR
695	19.021145	78.876377	9.44	II	DEVANPALLY	735	19.009304	78.850095	89.22	V	VASTHAPUR

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



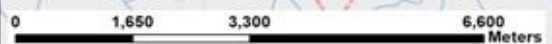
Division : Jagtial
Range : Raikal



ID	Latitude	Longitude	Catchment Area_Ha	Priority
536	18.943695	78.858672	14.35	I
537	18.951333	78.876677	12.27	II
538	18.938260	78.871644	22.78	II
539	18.935700	78.863582	5.82	IV
540	18.931458	78.855924	23.35	IV
541	18.933790	78.868267	11.02	IV
542	18.937663	78.860271	8.59	IV
543	18.934929	78.869959	12.64	IV
544	18.927185	78.869092	16.59	IV
545	18.949609	78.875603	14.75	IV
546	18.946805	78.858733	38.21	V

Legend

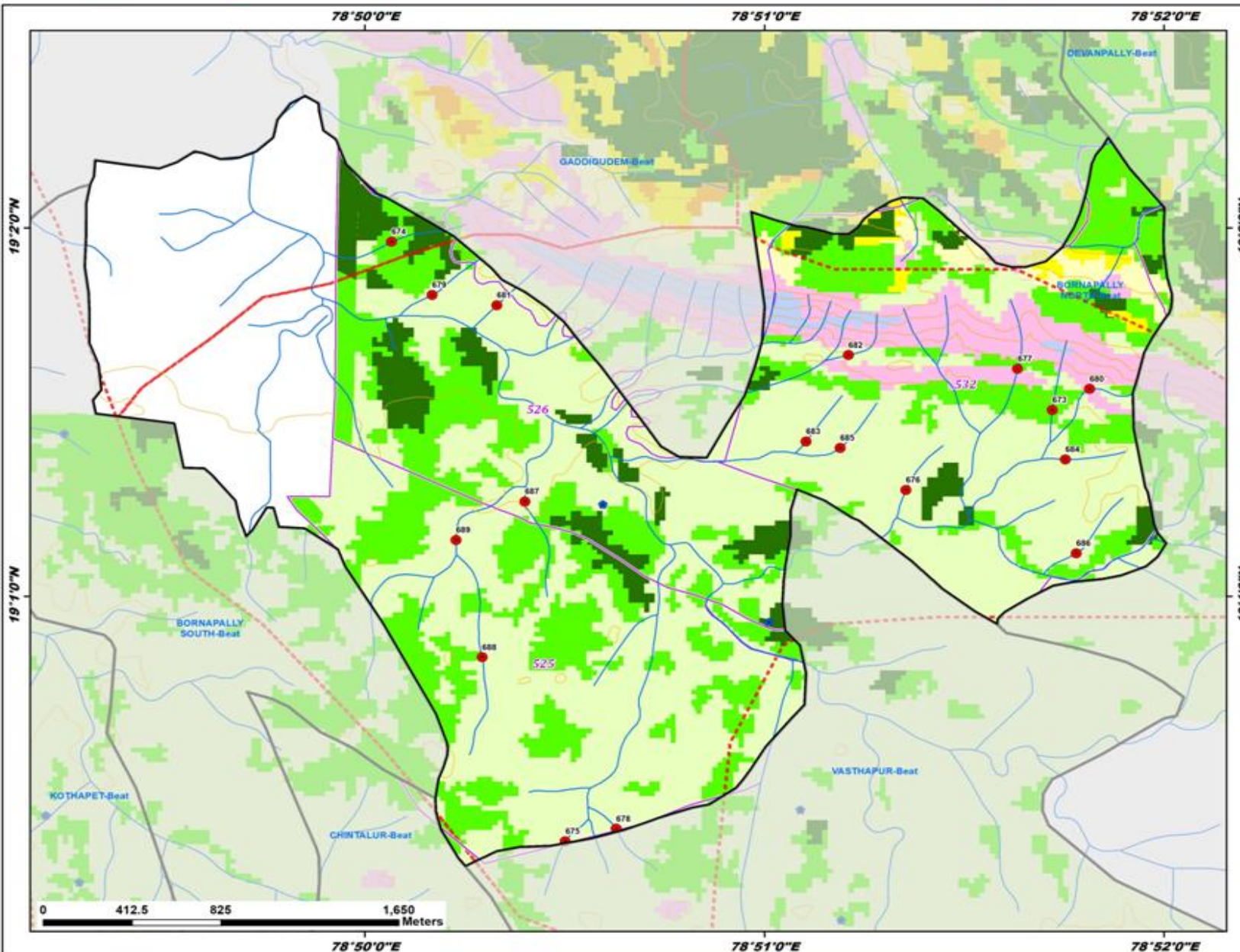
- Proposed PTs
 - Existing CD/PTs
 - Contours
 - Streams
 - Watershed Boundary
 - Compartment Boundary
 - Beat Boundary
 - Division Boundary
- Suitability Index**
- CCTs/SCTs - Highly Suitable
 - CCTs/SCTs - Moderately Suitable
 - CCTs/SCTs - Least Suitable
 - PTs - Highly Suitable
 - PTs - Moderately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



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



Division : Jagtial
Range : Raikal



ID	Latitude	Longitude	Catchment Area_Ha	Priority
673	19.025098	78.861994	7.97	II
674	19.032703	78.834444	9.51	II
675	19.005589	78.841691	14.23	IV
676	19.021472	78.855896	10.64	IV
677	19.026962	78.860557	8.67	IV
678	19.006156	78.843818	20.29	IV
679	19.030293	78.836130	8.18	IV
680	19.026046	78.863560	8.43	IV
681	19.029830	78.838841	10.23	IV
682	19.027576	78.853498	5.92	IV
683	19.023669	78.851731	7.20	IV
684	19.022856	78.862552	8.80	IV
685	19.023379	78.853149	11.93	IV
686	19.018612	78.862993	8.38	IV
687	19.020954	78.840005	34.55	V
688	19.013912	78.838226	28.42	V
689	19.019217	78.837129	81.36	V

Legend

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

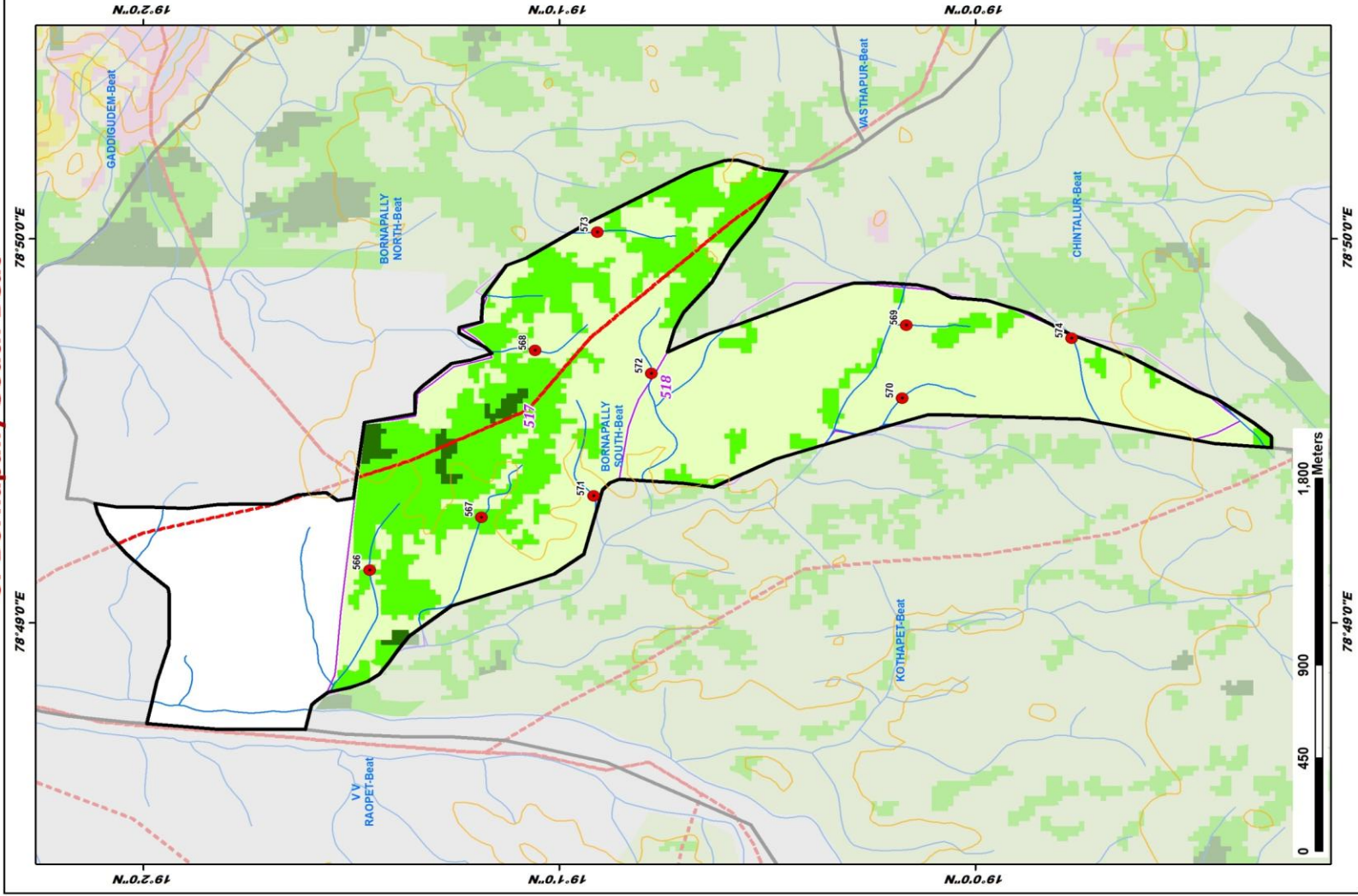
Suitability Index

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

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



Division : Jagtial
Range : Raikal



ID	Latitude	Longitude	Catchment Area_Ha	Priority
566	19.024268	78.818982	15.72	II
567	19.019784	78.821279	25.46	III
568	19.017635	78.828509	10.93	IV
569	19.002755	78.829603	8.96	IV
570	19.002919	78.826433	19.52	IV
571	19.015294	78.822198	16.00	IV
572	19.012970	78.827519	17.55	IV
573	19.015150	78.833657	13.86	IV
574	18.996134	78.829038	43.71	V

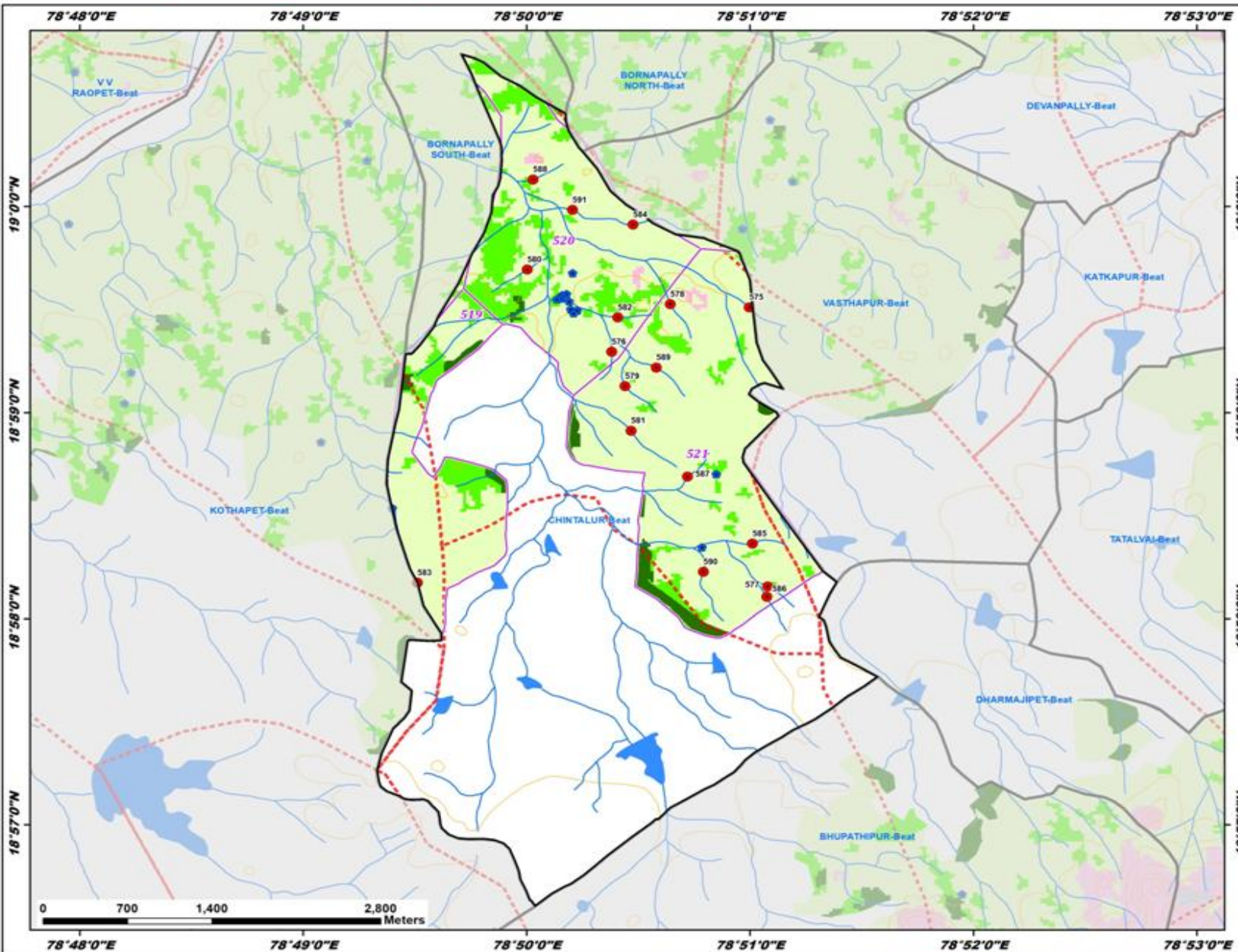
LEGEND

- Proposed PTs
- Existing CDP/PTs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat Boundary
- Division Boundary
- Suitability 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 Chintaluru Beat



Division : Jagtial
Range : Raikal



ID	Latitude	Longitude	Catchment Area_Ha	Priority
575	18.991852	78.849935	11.76	IV
576	18.988244	78.839678	4.51	IV
577	18.969270	78.851317	9.93	IV
578	18.992101	78.844053	10.50	IV
579	18.985472	78.840667	8.28	IV
580	18.994896	78.833376	13.30	IV
581	18.981874	78.841118	22.20	IV
582	18.991023	78.840132	7.86	IV
583	18.969581	78.825172	24.06	IV
584	18.998544	78.841259	19.36	IV
585	18.972743	78.850183	7.13	IV
586	18.968439	78.851232	6.57	IV
587	18.978156	78.845318	7.38	IV
588	19.002187	78.833803	27.23	V
589	18.986983	78.842989	28.67	V
590	18.970451	78.846515	26.09	V
591	18.999728	78.836747	39.54	V

Legend

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

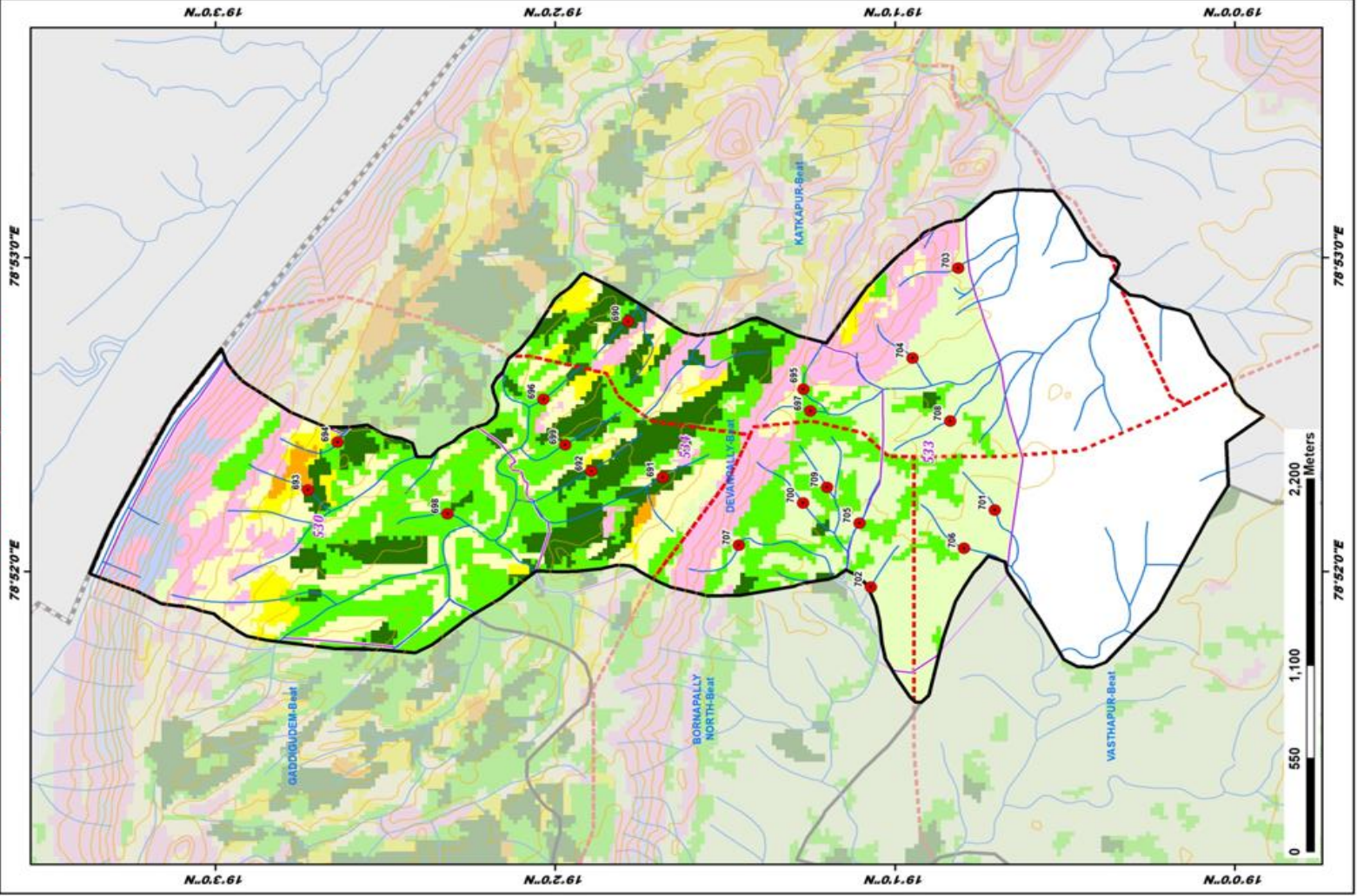
Suitability Index

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

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



Division : Jagtial
Range : Raikal



ID	Latitude	Longitude	Catchment Area_Ha	Priority
690	19.029757	78.879881	7.84	I
691	19.028056	78.871700	8.58	I
692	19.031556	78.872022	13.53	I
693	19.045447	78.871020	7.66	II
694	19.043966	78.873564	10.26	II
695	19.021145	78.876377	9.44	II
696	19.033891	78.875840	10.99	II
697	19.020822	78.875219	11.19	II
698	19.038611	78.869755	10.61	II
699	19.032824	78.873418	6.17	II
700	19.021180	78.870321	8.97	IV
701	19.011770	78.869960	9.90	IV
702	19.017846	78.865873	7.51	IV
703	19.013560	78.882812	7.60	IV
704	19.015799	78.878021	8.22	IV
705	19.018396	78.869257	9.43	IV
706	19.013270	78.867922	11.80	IV
707	19.024320	78.868095	10.68	IV
708	19.013963	78.874690	15.63	IV
709	19.020005	78.871168	7.20	IV

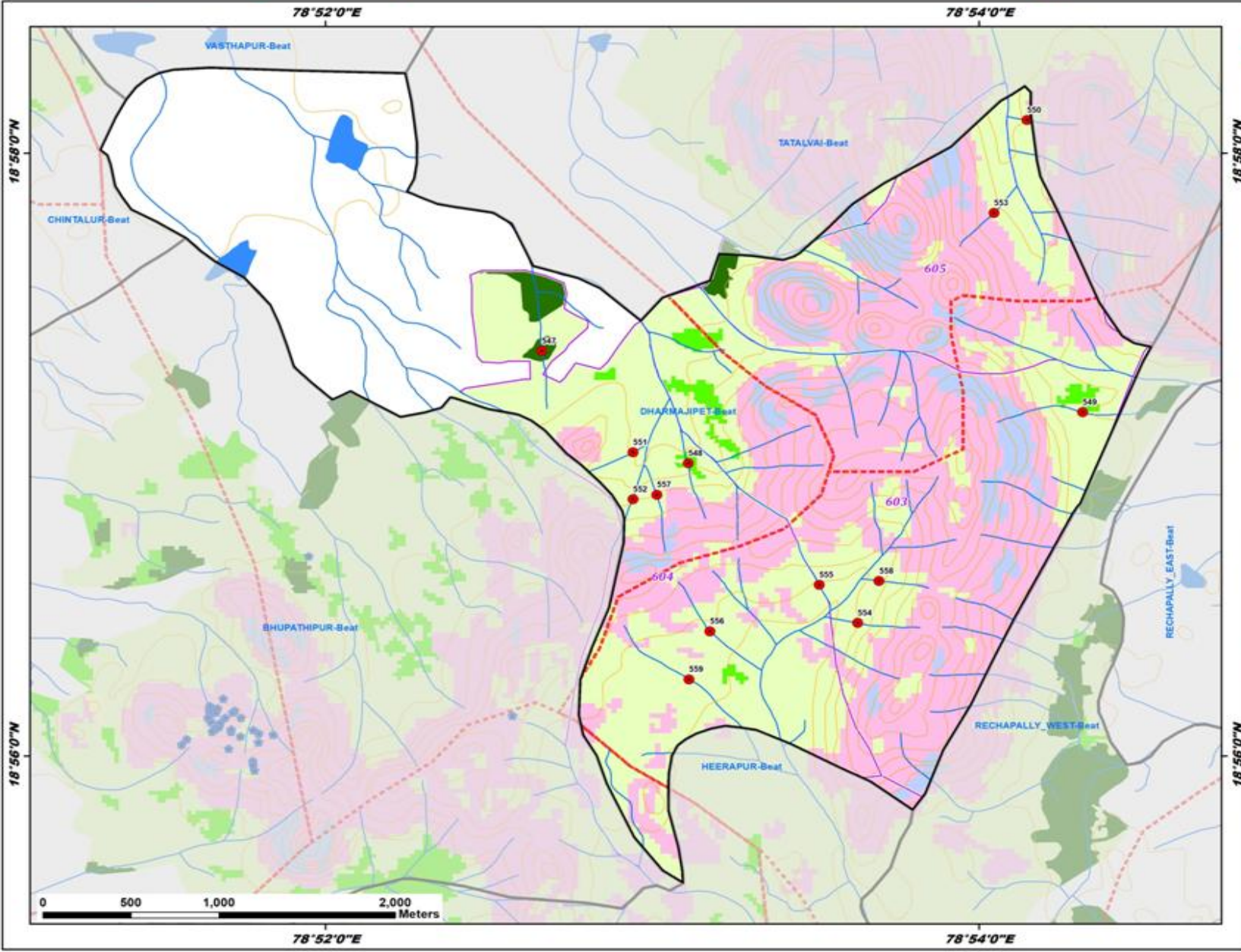
LEGEND

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

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



Division : Jagtial
Range : Raikal



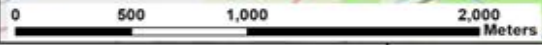
ID	Latitude	Longitude	Catchment Area_Ha	Priority
547	18.955728	78.877702	16.12	I
548	18.949517	78.885167	8.95	II
549	18.952335	78.905280	19.31	IV
550	18.968499	78.902451	6.67	IV
551	18.950115	78.882357	14.64	IV
552	18.947525	78.882345	10.24	IV
553	18.963365	78.900761	6.92	IV
554	18.940686	78.893803	13.22	IV
555	18.942790	78.891849	10.93	IV
556	18.940225	78.886278	6.64	IV
557	18.947778	78.883557	14.82	IV
558	18.943007	78.894902	10.83	IV
559	18.937567	78.885204	31.84	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
- Very Light Green: PTs - Least Suitable
- Pink: MPTs and SGPs - Suitable
- Light Blue: Not Suitable
- Blue: Water Body



78°52'0"E

78°54'0"E

18°56'0"N

18°58'0"N

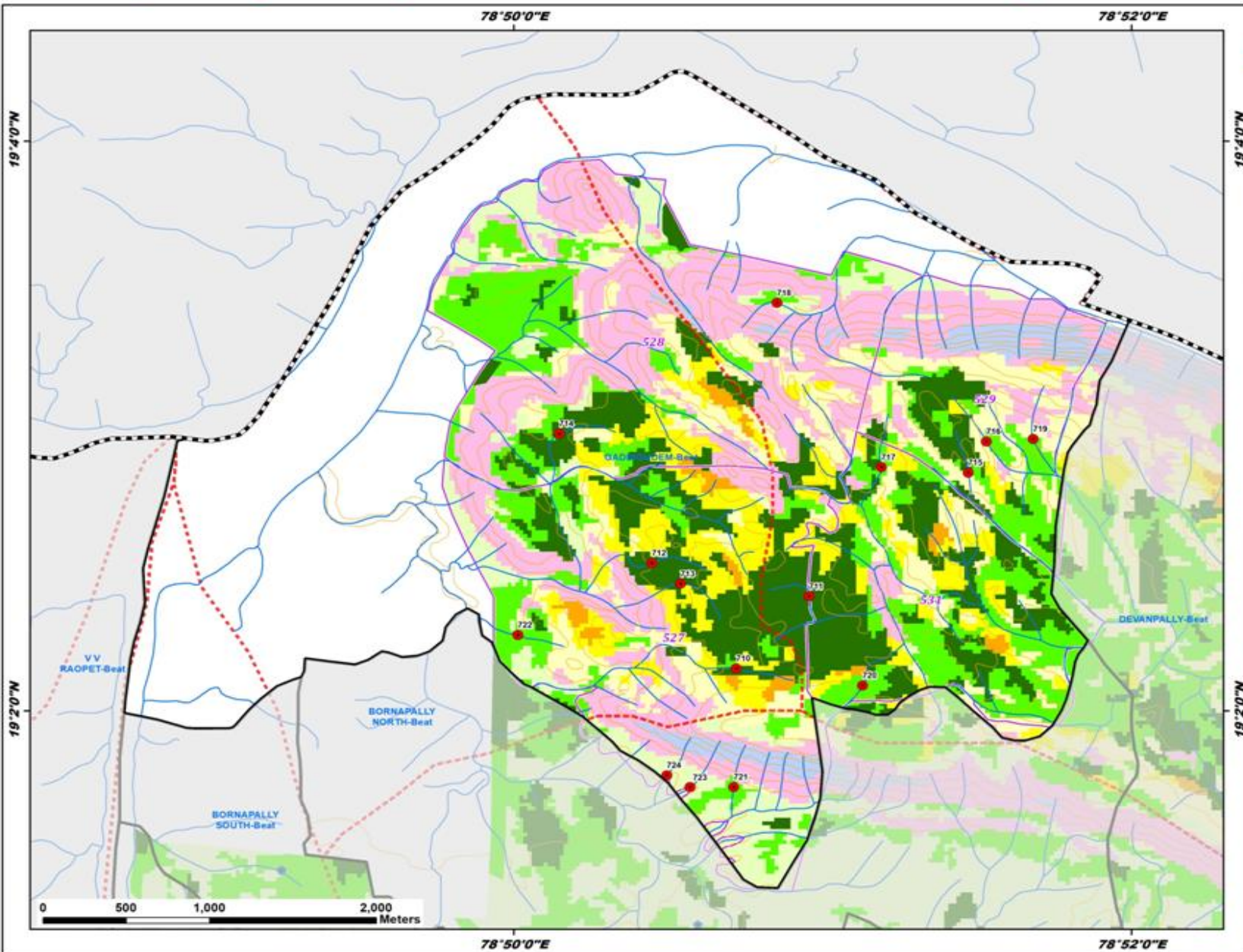
18°56'0"N

18°56'0"N

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



Division : Jagtial
Range : Raikal



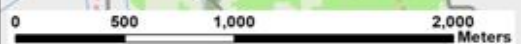
ID	Latitude	Longitude	Catchment Area_Ha	Priority
710	19.035806	78.845325	17.36	I
711	19.040028	78.849265	13.00	I
712	19.041970	78.840772	8.11	I
713	19.040764	78.842323	8.01	I
714	19.049550	78.835772	11.13	I
715	19.047268	78.857849	4.77	II
716	19.049086	78.858819	7.02	II
717	19.047583	78.853165	17.65	II
718	19.057199	78.847525	6.00	II
719	19.049243	78.861349	7.96	II
720	19.034815	78.852146	11.24	II
721	19.028879	78.845182	4.71	II
722	19.037762	78.833552	15.99	II
723	19.028871	78.842830	8.25	IV
724	19.029565	78.841587	6.18	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

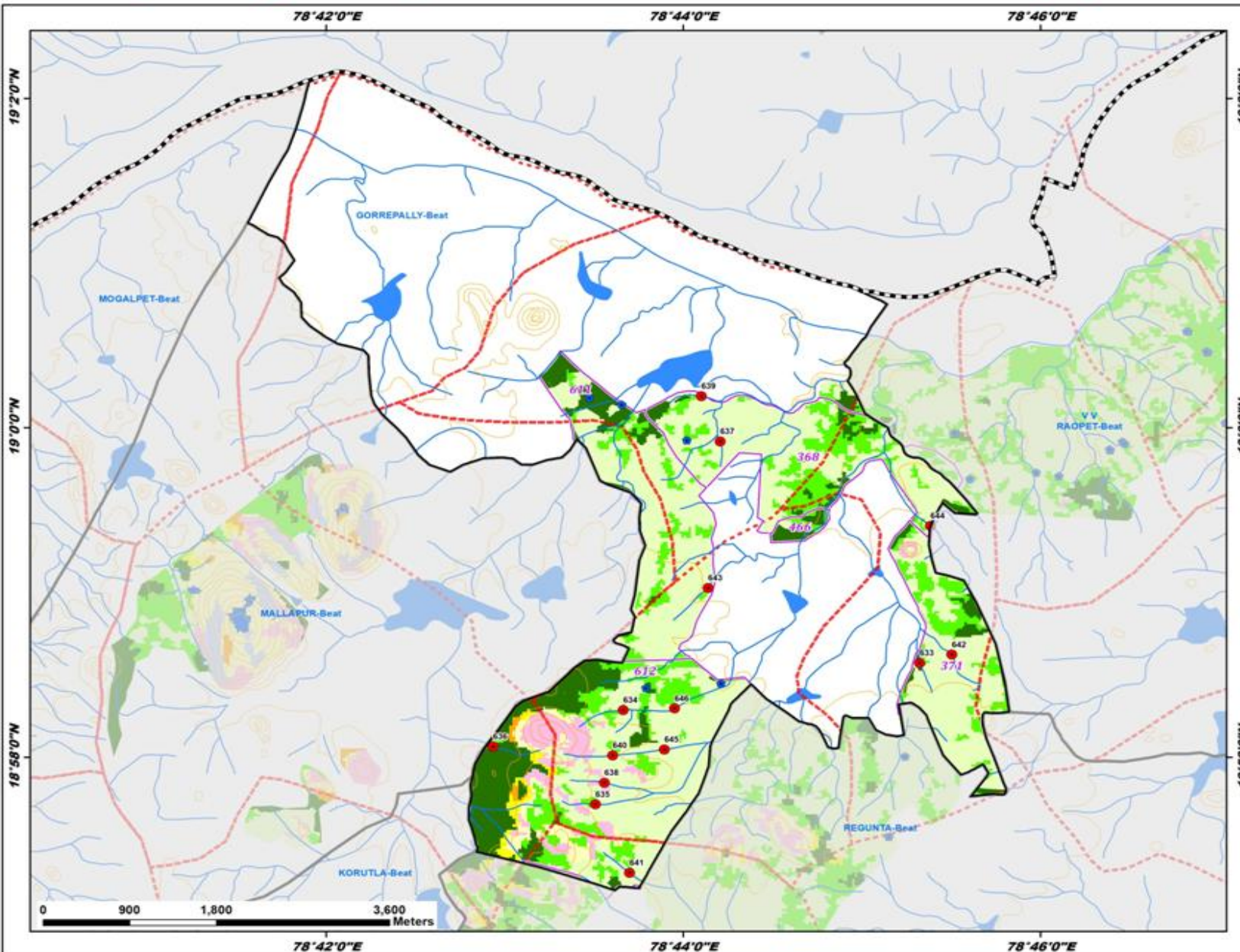


78°50'0"E 78°52'0"E

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



Division : Jagtial
Range : Raikal



ID	Latitude	Longitude	Catchment Area_Ha	Priority
633	18.976178	78.755363	18.29	I
634	18.971420	78.727700	11.99	II
635	18.961871	78.725102	24.24	II
636	18.967735	78.715551	38.45	II
637	18.998610	78.736754	8.53	IV
638	18.964063	78.725942	12.55	IV
639	19.003198	78.735012	10.09	IV
640	18.966824	78.726710	13.94	IV
641	18.954957	78.728317	12.47	IV
642	18.977032	78.758378	34.12	V
643	18.983784	78.735630	28.15	V
644	18.990057	78.756375	45.72	V
645	18.967429	78.731546	35.63	V
646	18.971583	78.732500	45.69	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



78°42'0"E 78°44'0"E 78°46'0"E

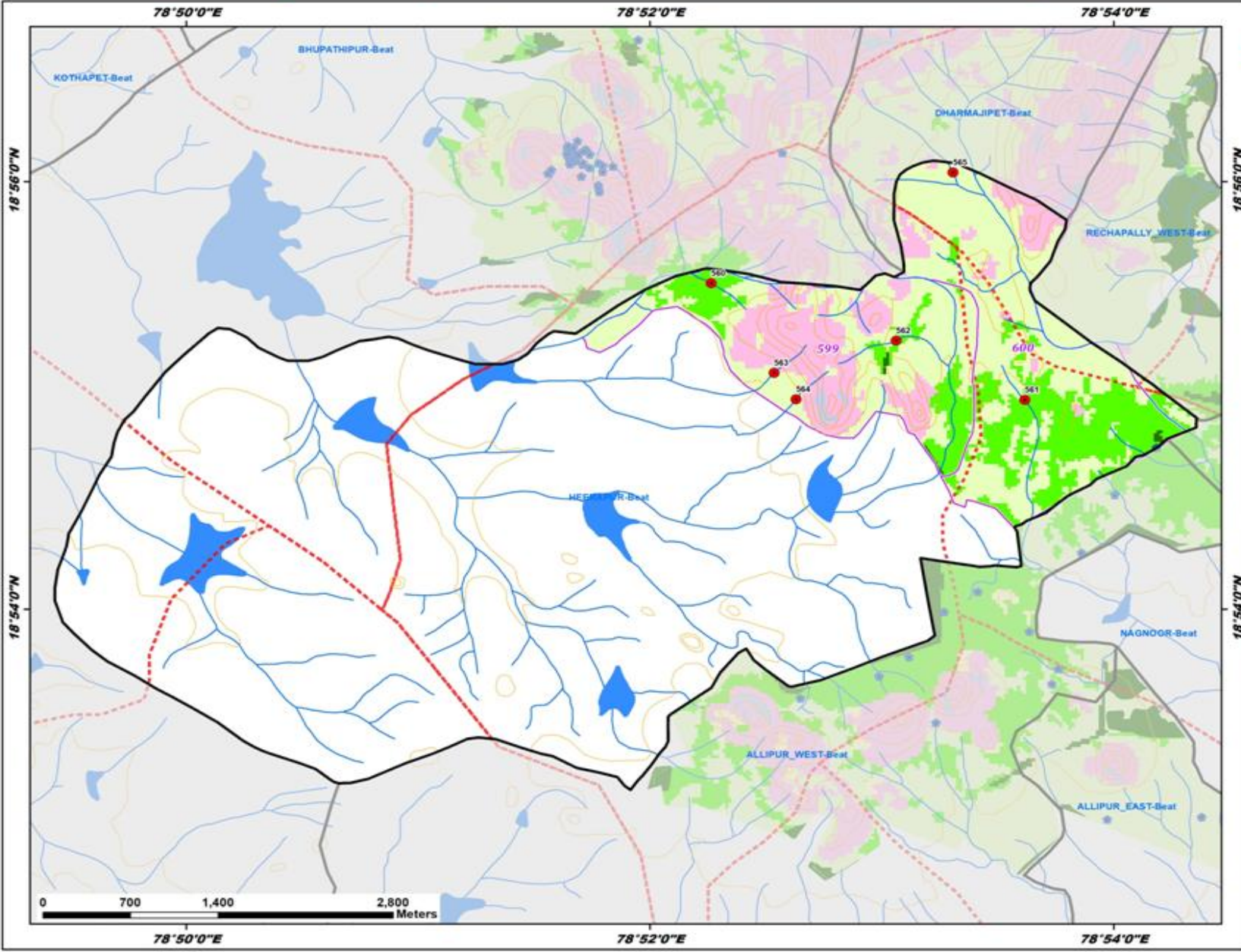
19°20'N
19°00'N
18°58'0"N

19°20'N
19°00'N
18°58'0"N

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



Division : Jagtial
Range : Raikal



ID	Latitude	Longitude	Catchment Area_Ha	Priority
560	18.925394	78.871063	11.06	II
561	18.916305	78.893614	9.88	II
562	18.920925	78.884356	14.53	IV
563	18.918409	78.875574	10.11	IV
564	18.916351	78.877149	9.84	IV
565	18.934027	78.888443	51.20	V

Legend

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

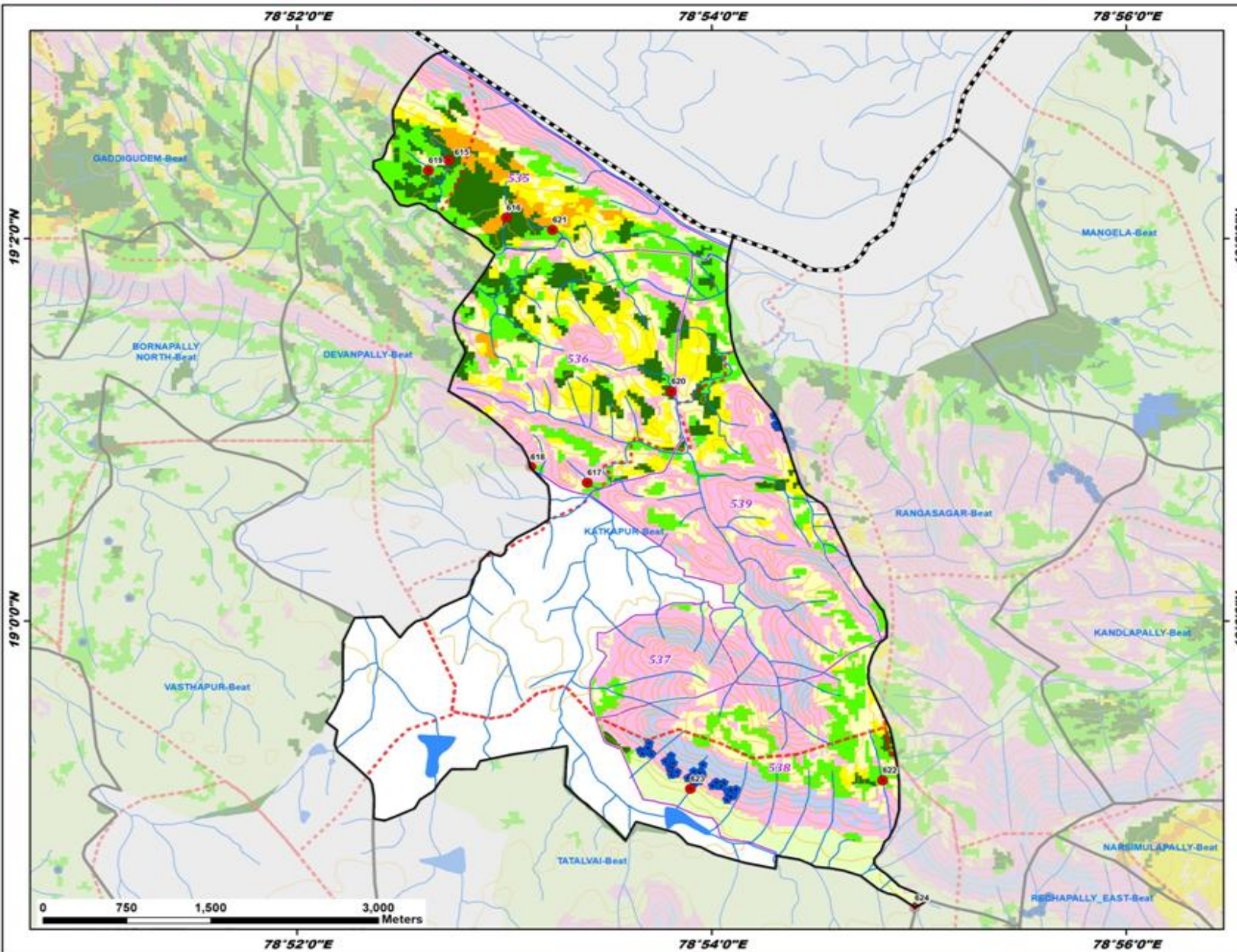
Suitability Index

- 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 Katkapur Beat



Division : Jagtial
Range : Raikal



ID	Latitude	Longitude	Catchment Area_Ha	Priority
615	19.040165	78.878872	19.13	I
616	19.035151	78.883504	13.00	I
617	19.012059	78.889993	8.57	II
618	19.013430	78.885430	4.99	II
619	19.039278	78.877217	7.00	II
620	19.020018	78.896748	38.94	II
621	19.034083	78.887211	20.08	II
622	18.986113	78.913731	32.01	III
623	18.985367	78.898280	11.91	IV
624	18.974977	78.916318	16.00	IV

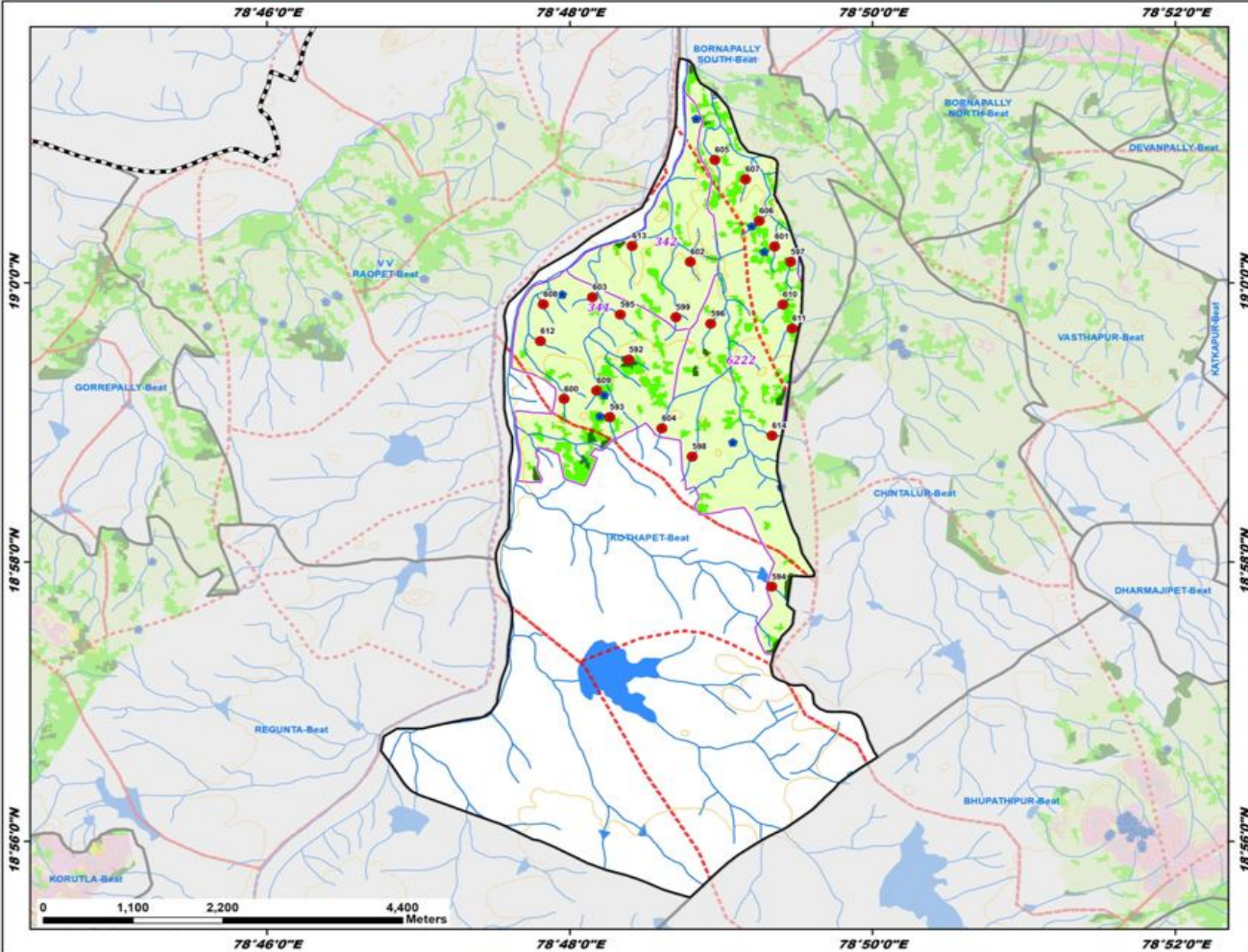
Legend

- Proposed PTs
 - Existing CD/PTs
 - Contours
 - Streams
 - Watershed Boundary
 - Compartment Boundary
 - Beat Boundary
 - Division Boundary
- ### Suitability Index
- CCTs/SCTs - Highly Suitable
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 - CCTs/SCTs - Least Suitable
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 - Water Body

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



Division : Jagtial
Range : Raikal



ID	Latitude	Longitude	Catchment Area_Ha	Priority
592	18.990828	78.806490	7.83	I
593	18.983950	78.804405	11.23	II
594	18.963713	78.822217	12.61	IV
595	18.996195	78.805546	20.92	IV
596	18.995104	78.815519	9.85	IV
597	19.002487	78.824308	10.71	IV
598	18.979244	78.813468	8.32	IV
599	18.995898	78.811690	19.03	IV
600	18.986127	78.799355	8.25	IV
601	19.004346	78.822567	12.03	IV
602	19.002490	78.813263	17.84	IV
603	18.998278	78.802485	7.60	IV
604	18.982614	78.810119	8.64	IV
605	19.014670	78.815962	20.11	IV
606	19.007385	78.820861	11.55	IV
607	19.012350	78.819337	11.27	IV
608	18.997448	78.797086	12.00	IV
609	18.987116	78.802963	8.65	IV
610	18.997399	78.823466	9.53	IV
611	18.994543	78.824482	18.07	IV
612	18.993048	78.796744	16.11	IV
613	19.004395	78.806863	33.22	V
614	18.981735	78.822268	25.67	V

Legend

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

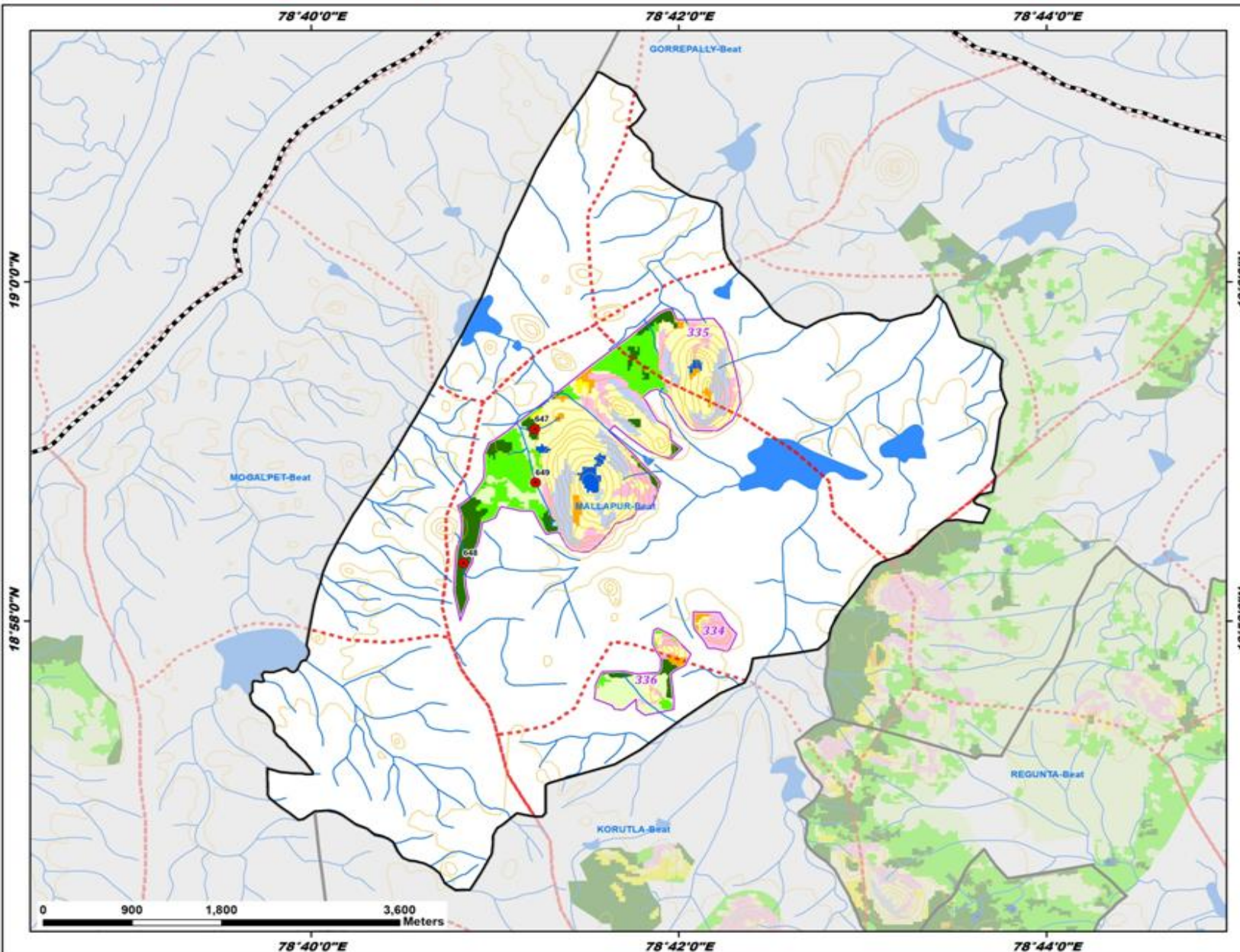
Suitability Index

- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
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Map Showing Suitability index for Construction of SMC Works of Mallapur Beat



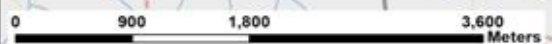
Division : Jagtial
Range : Raikal



ID	Latitude	Longitude	Catchment Area_Ha	Priority
647	18.985523	78.686936	10.97	I
648	18.972354	78.680446	10.59	I
649	18.980273	78.686988	35.79	V

Legend

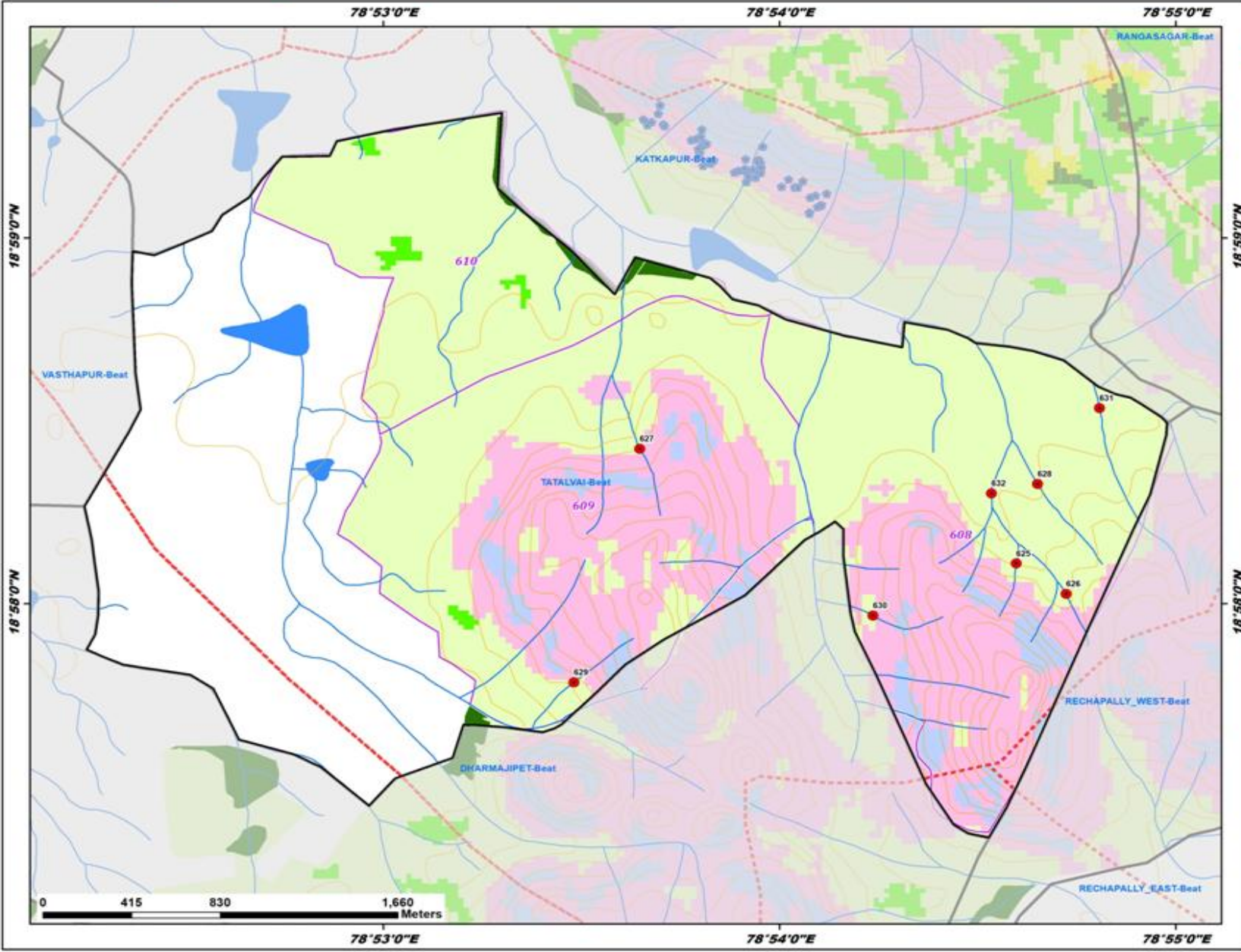
- Proposed PTs
 - Existing CD/PTs
 - Contours
 - Streams
 - Watershed Boundary
 - Compartment Boundary
 - Beat Boundary
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- Suitability Index**
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Map Showing Suitability index for Construction of SMC Works of Tatalvai Beat



Division : Jagtial
Range : Raikal



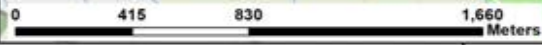
ID	Latitude	Longitude	Catchment Area_Ha	Priority
625	18.968490	78.909949	10.98	IV
626	18.967104	78.912049	18.12	IV
627	18.973723	78.894110	13.56	IV
628	18.972113	78.910845	18.00	IV
629	18.963068	78.891353	23.61	IV
630	18.966120	78.903920	12.08	IV
631	18.975579	78.913448	33.45	V
632	18.971696	78.908911	55.78	V

Legend

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

Suitability Index

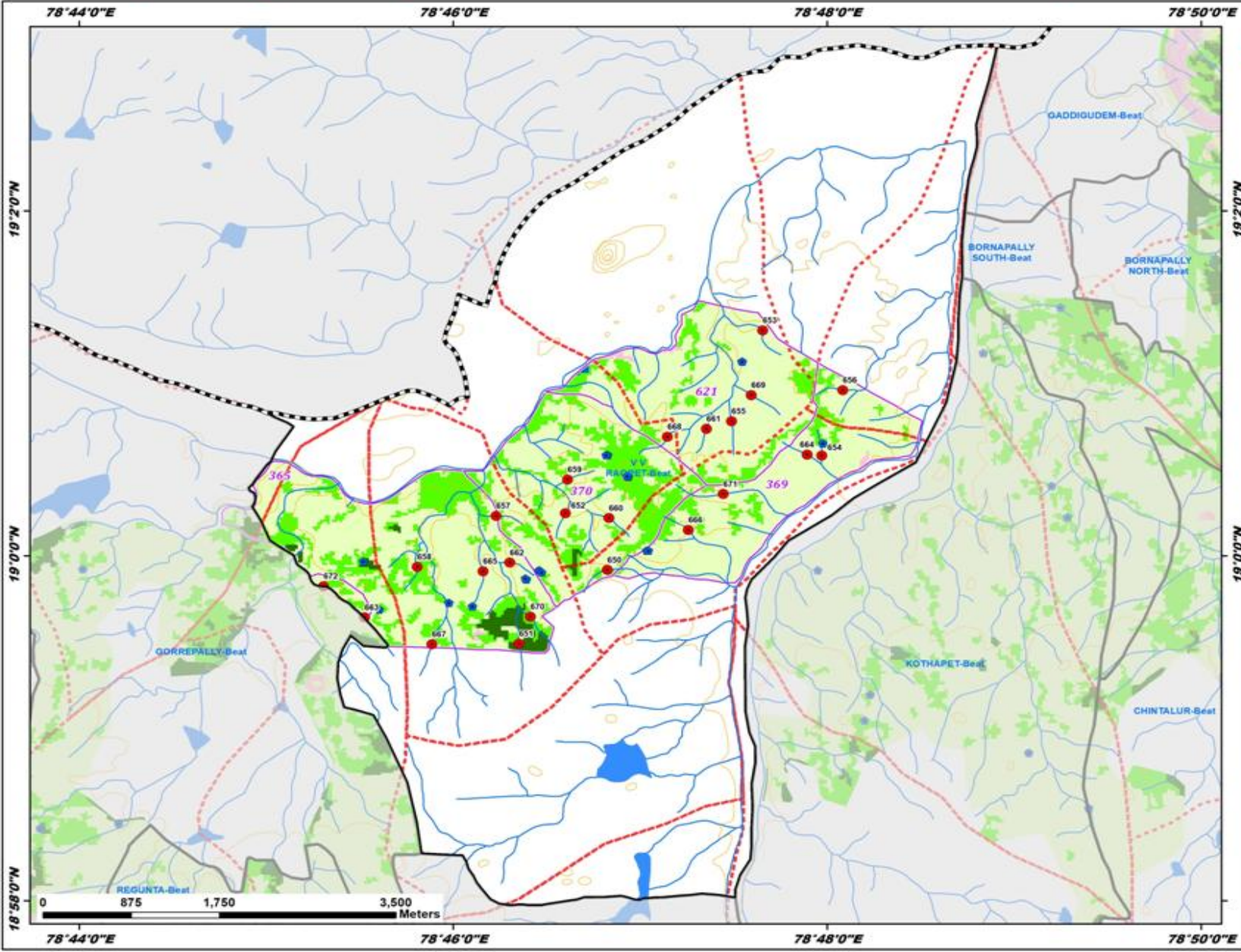
- CCTs/SCTs - Highly Suitable
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- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
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- Water Body



Map Showing Suitability index for Construction of SMC Works of V V Raopet Beat



Division : Jagtial
Range : Raikal



ID	Latitude	Longitude	Catchment Area_Ha	Priority
650	18.998632	78.780381	10.30	II
651	18.991508	78.772519	28.32	II
652	19.004103	78.776663	10.87	IV
653	19.021797	78.794250	11.63	IV
654	19.009692	78.799527	10.32	IV
655	19.013012	78.791468	20.60	IV
656	19.016021	78.801390	14.00	IV
657	19.003850	78.770490	14.52	IV
658	18.998927	78.763439	7.30	IV
659	19.007367	78.776838	11.72	IV
660	19.003646	78.780531	19.99	IV
661	19.012267	78.789223	12.69	IV
662	18.999344	78.771695	15.68	IV
663	18.994042	78.758760	14.97	IV
664	19.009776	78.798215	13.43	IV
665	18.998502	78.769322	7.82	IV
666	19.002491	78.787627	14.73	IV
667	18.991447	78.764755	11.64	IV
668	19.011518	78.785754	15.88	IV
669	19.015542	78.793225	27.82	V
670	18.994122	78.773535	46.16	V
671	19.005973	78.790727	28.14	V
672	18.997071	78.755083	36.49	V

Legend

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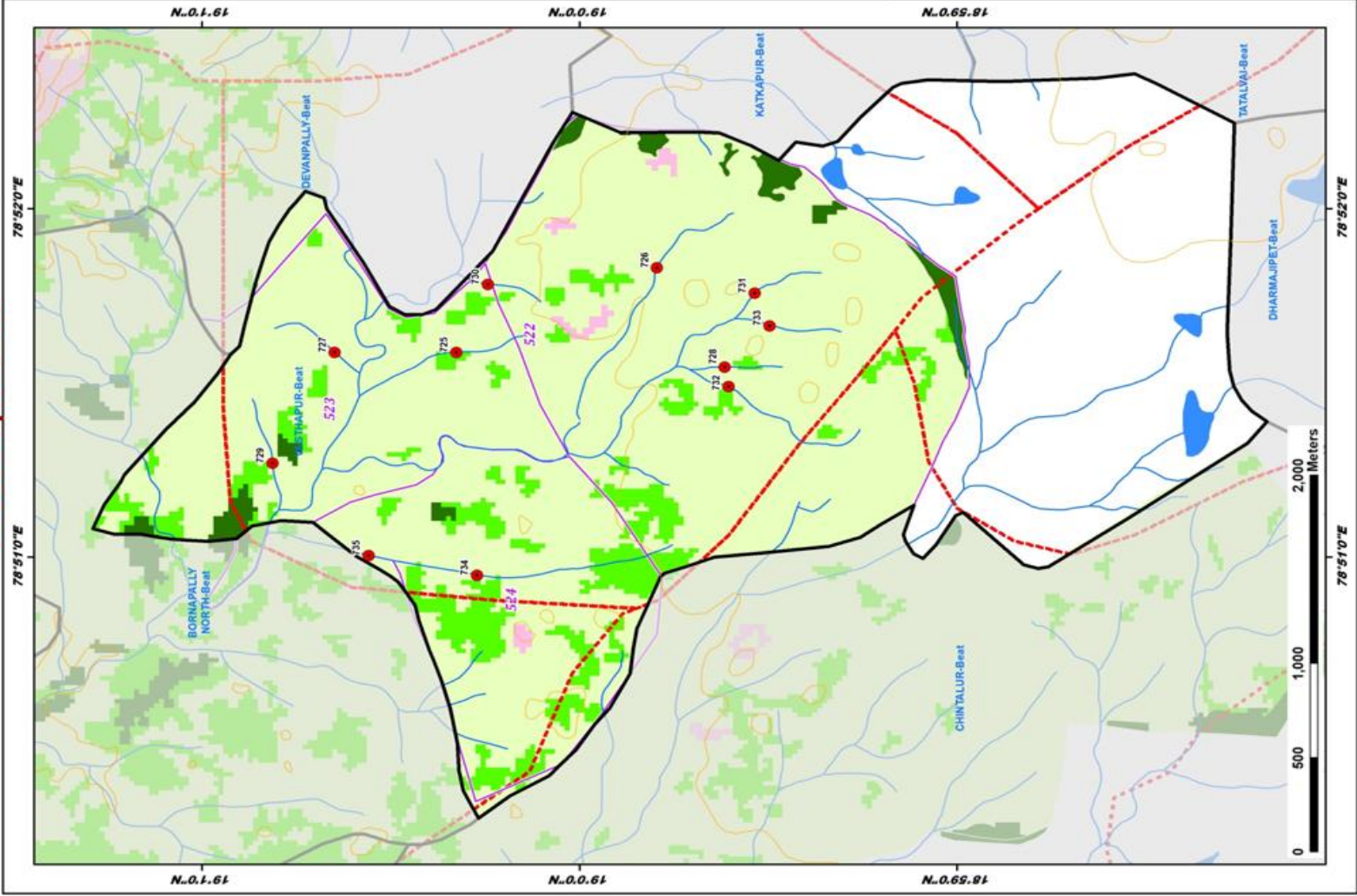
Suitability Index

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- Not Suitable
- Water Body

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



Division : Jagtial
Range : Raikal



ID	Latitude	Longitude	Catchment Area_Ha	Priority
725	19.005435	78.859811	13.93	II
726	18.996380	78.863860	22.78	IV
727	19.010805	78.859815	15.61	IV
728	18.993596	78.859100	10.52	IV
729	19.013543	78.854512	23.89	IV
730	19.000040	78.863056	14.46	IV
731	18.992269	78.862651	11.83	IV
732	18.993416	78.858176	34.24	V
733	18.991609	78.861084	33.35	V
734	19.004521	78.849159	56.84	V
735	19.009304	78.850095	89.22	V

LEGEND

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