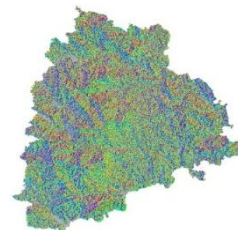
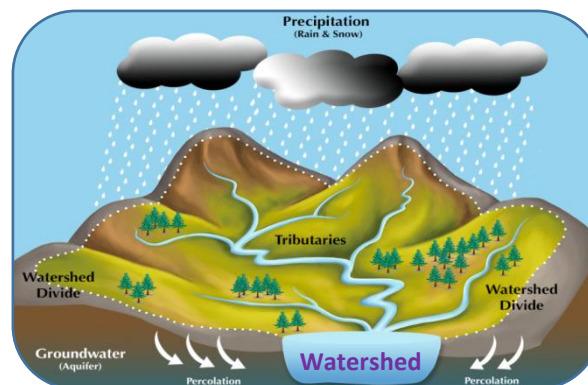


Government of Telangana – Forest Department



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



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

Circle: Kaleshwaram
District: Jayashankar Bhupalpally
Division: Bhupalpally

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

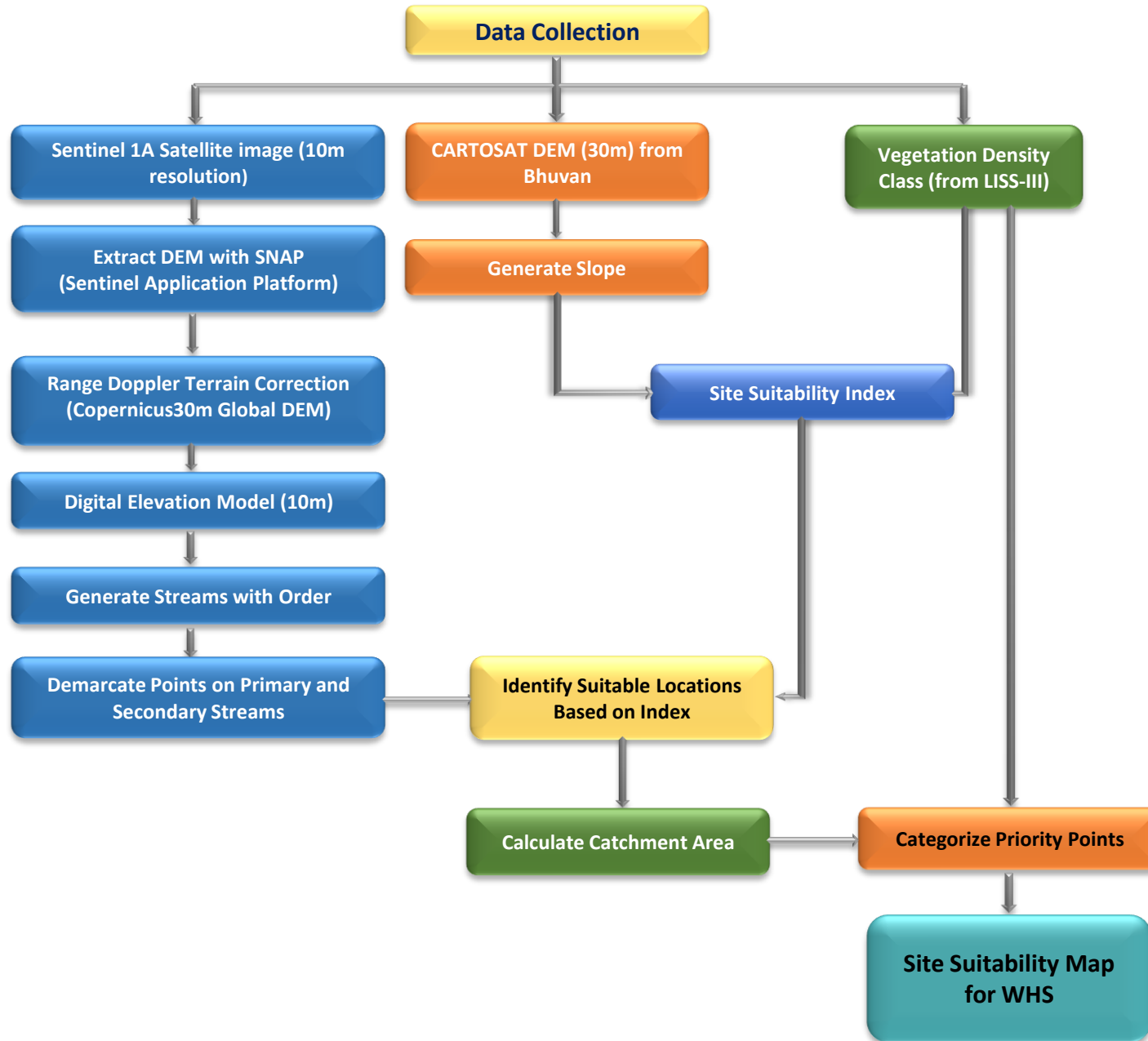
METHODOLOGY

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

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



FLOW CHART FOR METHODOLOGY



Guidelines for building Percolation Tanks:

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



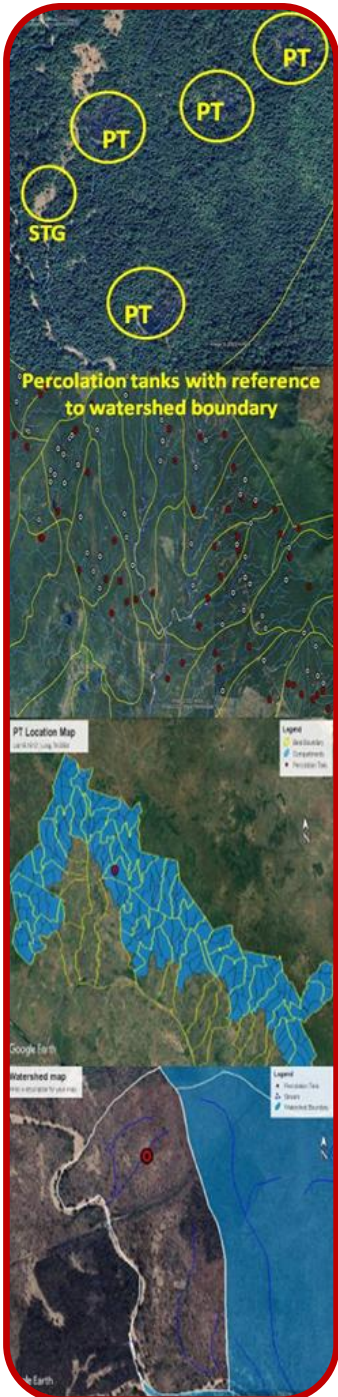
Suitability criteria for Check-Dams and Percolation Tanks (SITE SUITABILITY INDEX)

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

Suitability criteria for Continuous/Staggered contour trenches

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





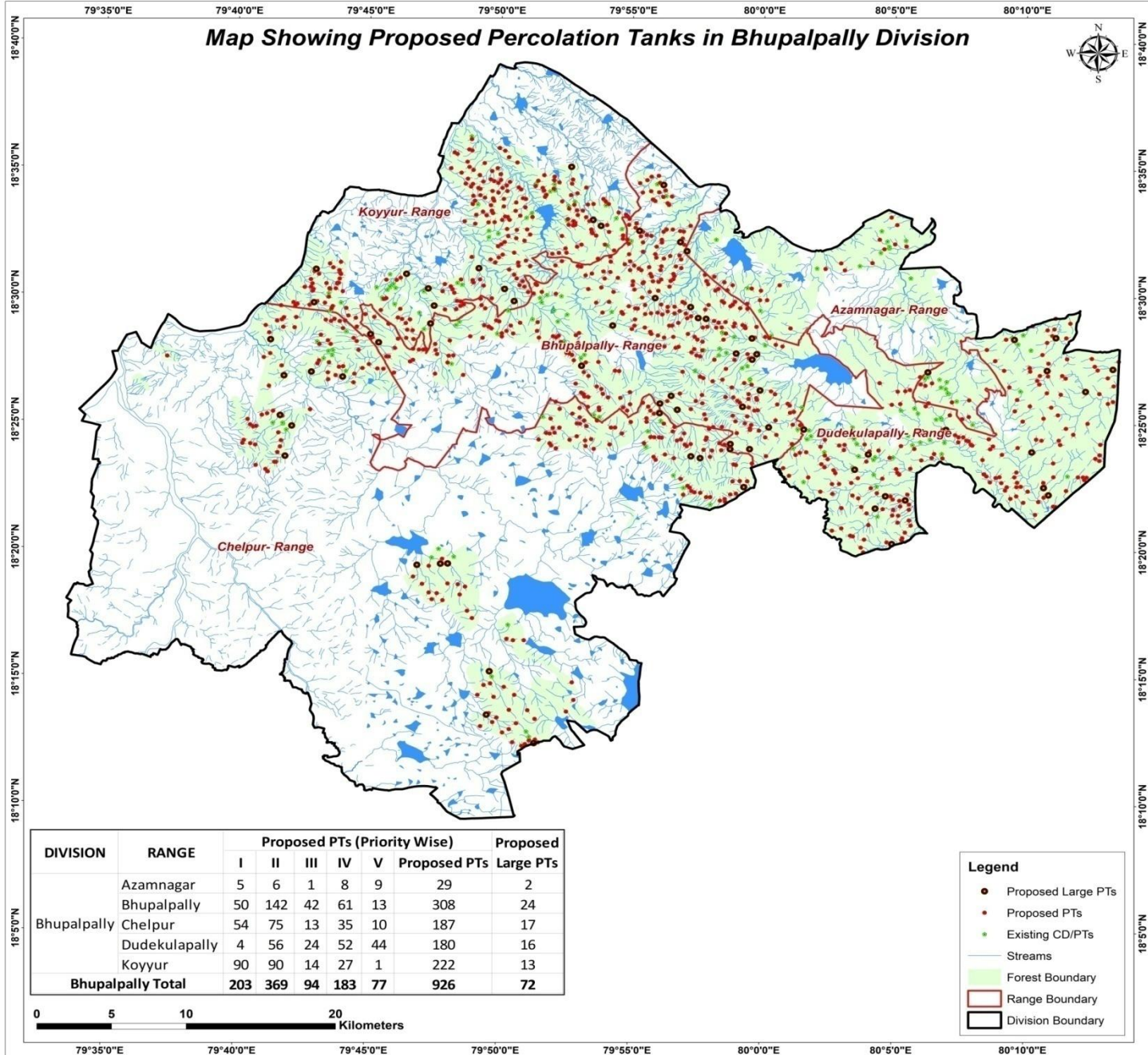
PRIORITY CLASSES FOR PERCOLATION TANK

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





Map Showing Proposed Percolation Tanks in Bhupalpally Division

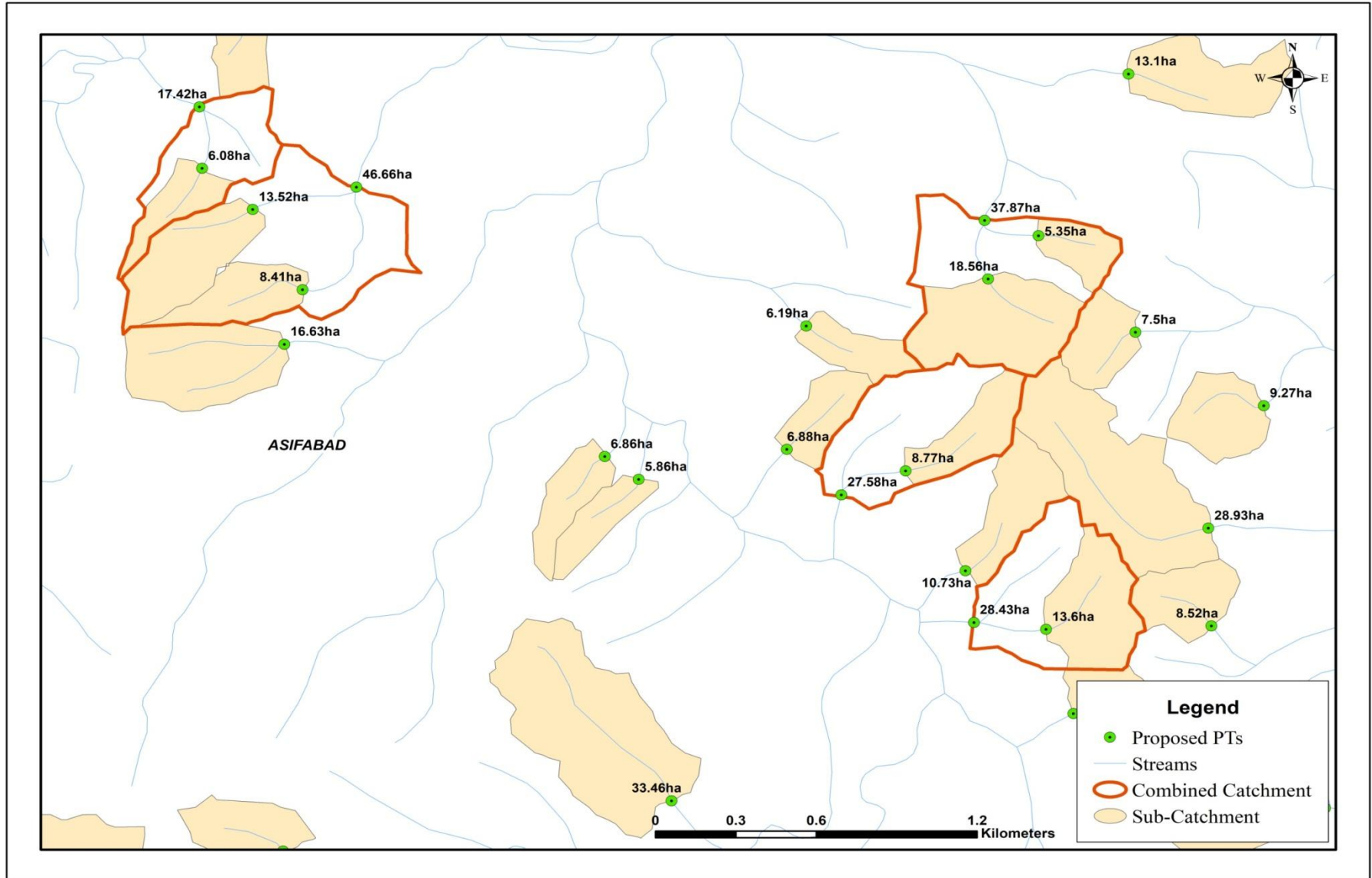


DIVISION	RANGE	Proposed PTs (Priority Wise)					Proposed Large PTs
		I	II	III	IV	V	
Bhupalpally	Azamnapur	5	6	1	8	9	29
	Bhupalpally	50	142	42	61	13	308
	Chelpur	54	75	13	35	10	187
	Dudekulapally	4	56	24	52	44	180
	Koyyur	90	90	14	27	1	222
Bhupalpally Total		203	369	94	183	77	926

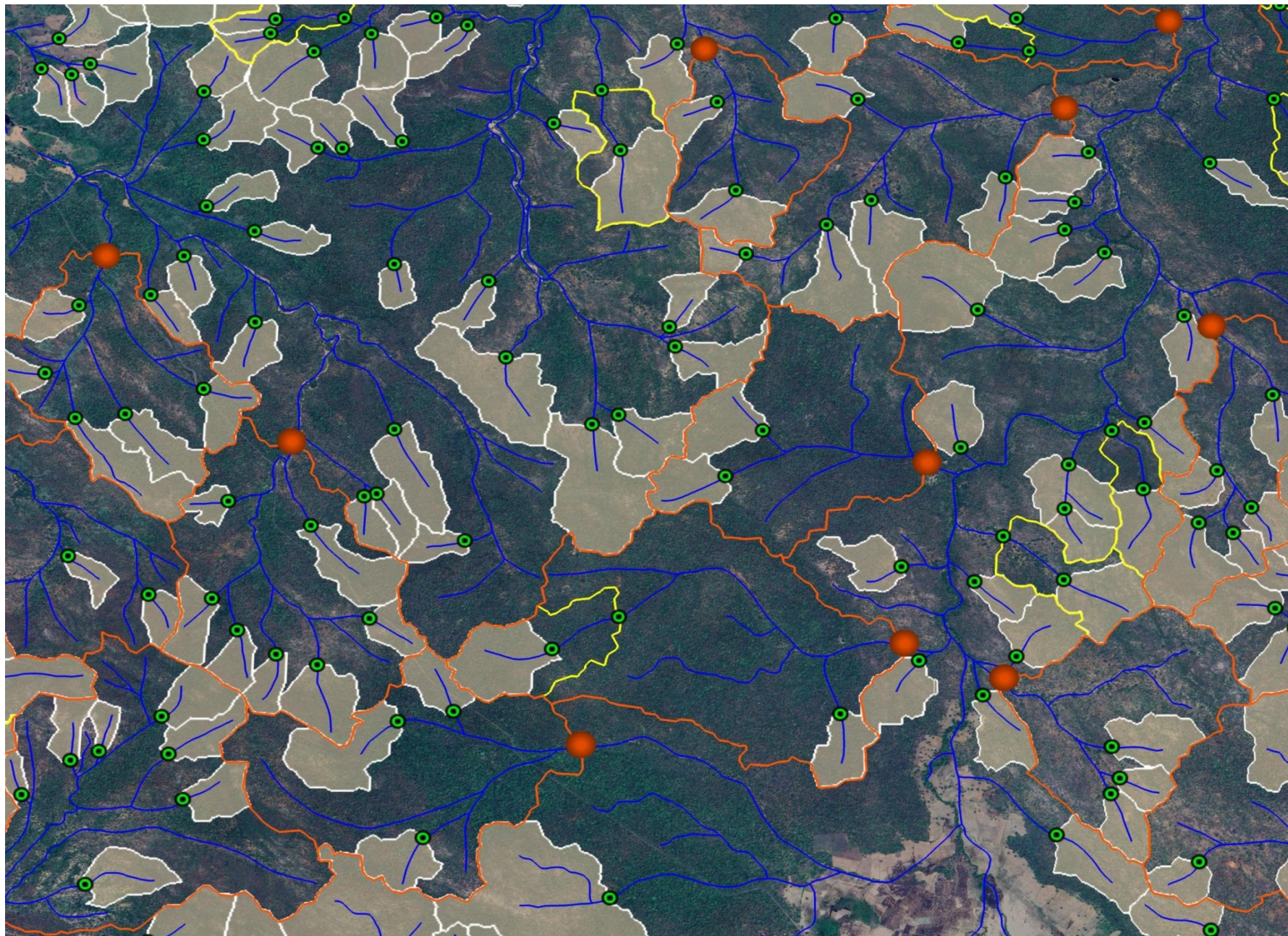
- Legend**
- Proposed Large PTs
 - Proposed PTs
 - Existing CD/PTs
 - Streams
 - Forest Boundary
 - ▭ Range Boundary
 - ▭ Division Boundary

0 5 10 20 Kilometers

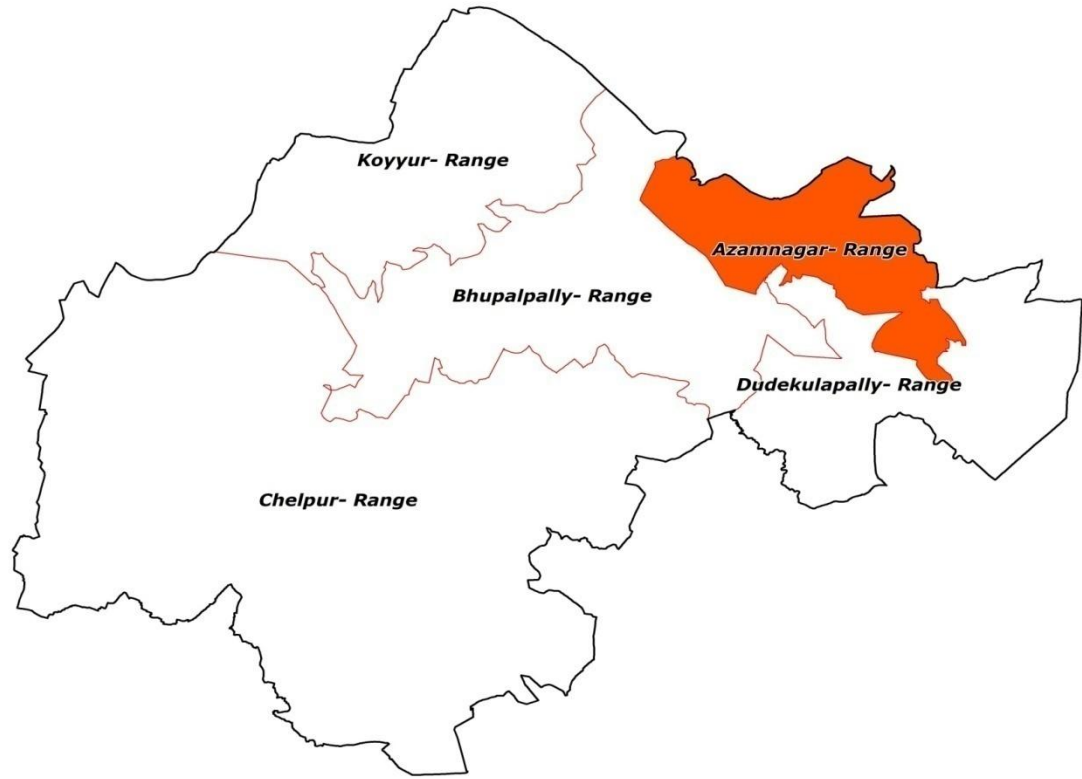
CATCHMENT AREA



Sample Catchment Map



Map Showing Azamnagar Range in Bhupalpally Division

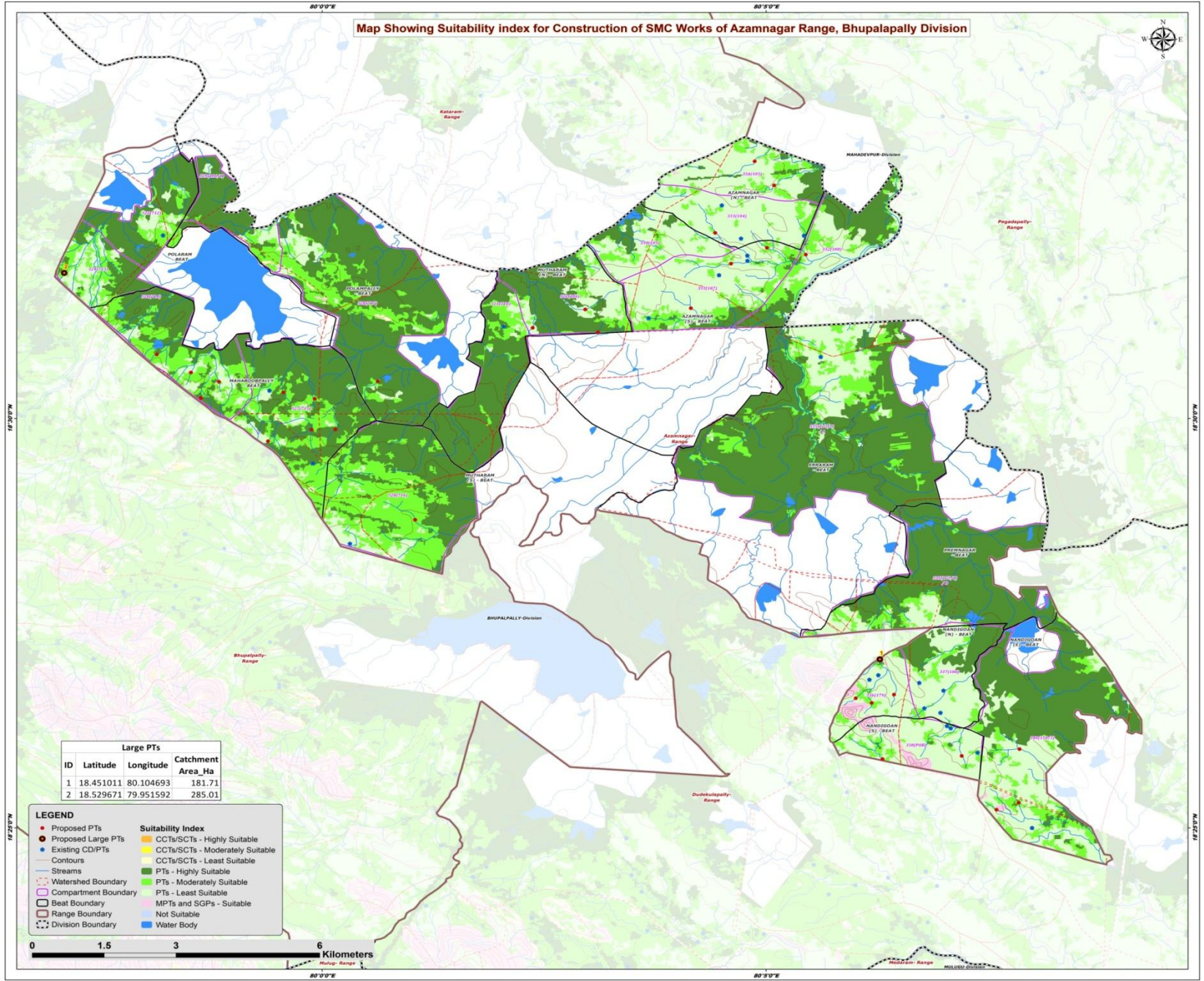


Legend

-  Division Boundary
-  Range Boundary



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

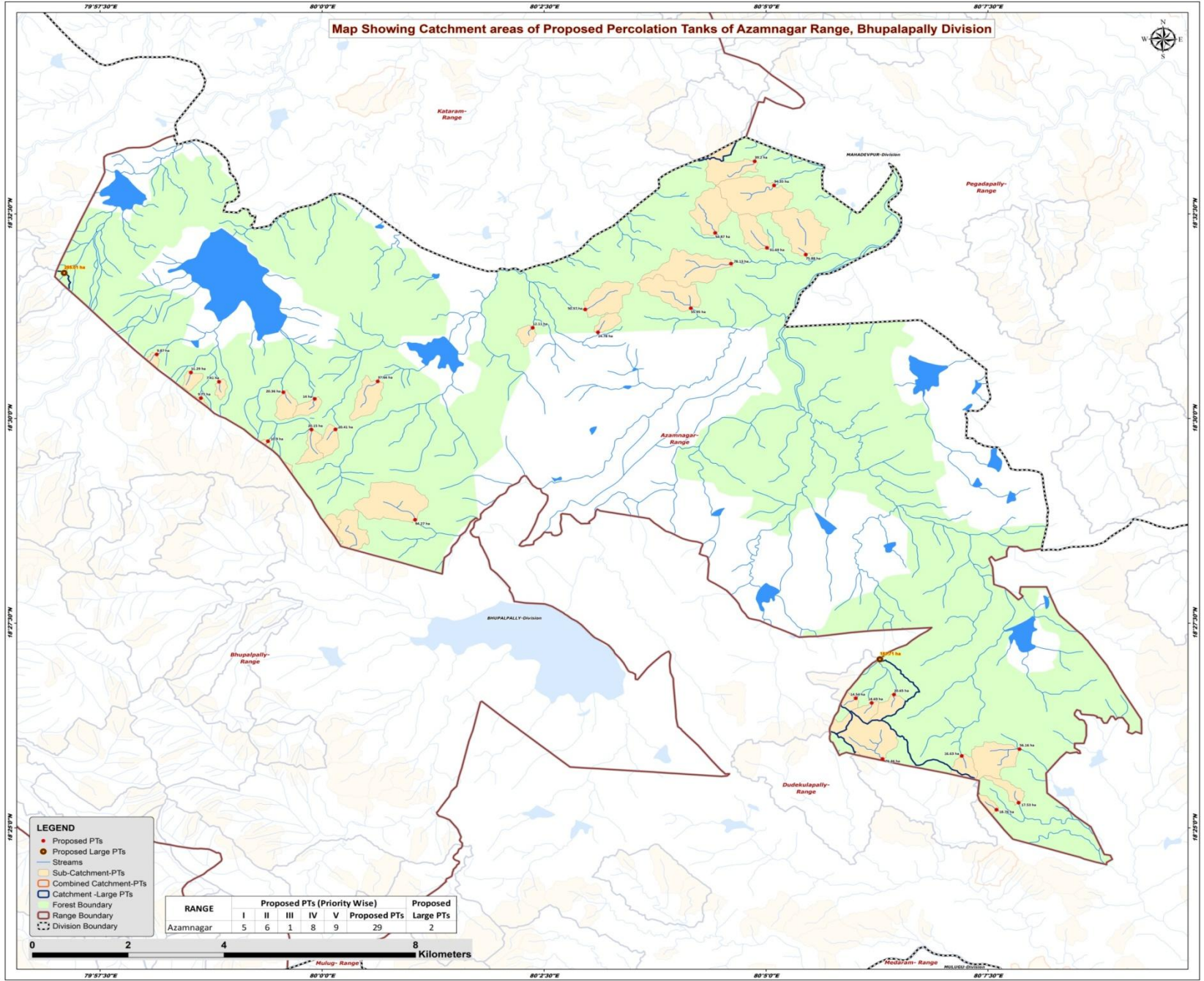


Large PTs			
ID	Latitude	Longitude	Catchment Area_Ha
1	18.451011	80.104693	181.71
2	18.529671	79.951592	285.01

- 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
 - MP/SGPs - Suitable
 - Not Suitable
 - Water Body



Map Showing Catchment areas of Proposed Percolation Tanks of Azamnagar Range, Bhupalapally Division



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

RANGE	Proposed PTs (Priority Wise)					Proposed Large PTs
	I	II	III	IV	V	
Azamnagar	5	6	1	8	9	29

0 2 4 8 Kilometers

Beat wise Abstract of Proposed PT's – Azamnagar Range

S. No.	Beat	Proposed PT's
1	AZAMNAGAR NORTH	3
2	AZAMNAGAR SOUTH	4
3	MAHABOOPALLY	9
4	MUTHARAM NORTH	3
5	MUTHARAM SOUTH	1
6	NANDIGOAN EAST	3
7	NANDIGOAN NORTH	3
8	NANDIGOAN SOUTH	2
9	POLAMPALLY	1
	Total	29

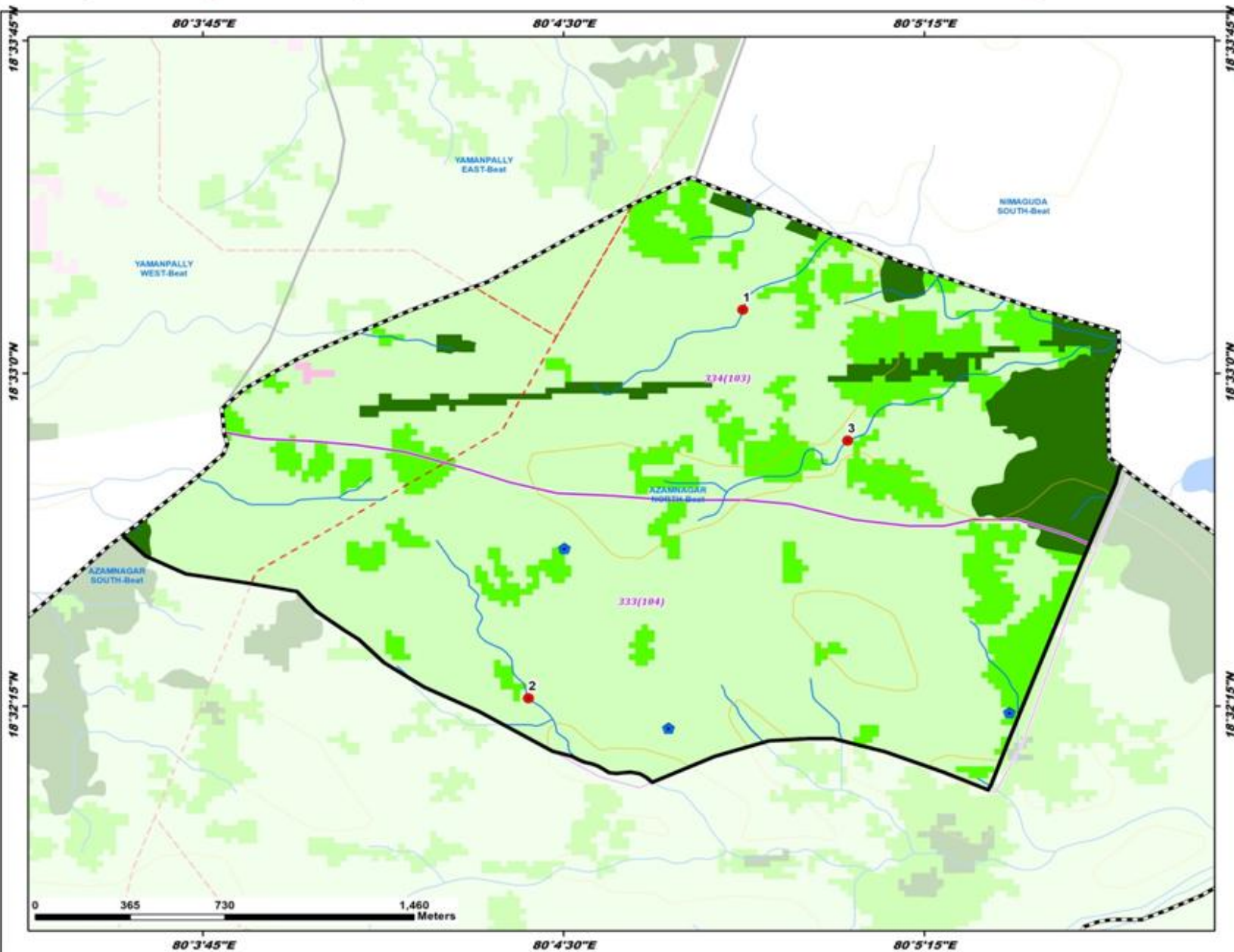
List of Proposed PTs – Azamnagar Range

ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat
1	18.552387	80.081215	39.20	V	AZAMNAGAR NORTH
2	18.537800	80.073787	54.87	V	AZAMNAGAR NORTH
3	18.547474	80.084854	94.35	V	AZAMNAGAR NORTH
4	18.534780	80.083518	31.69	V	AZAMNAGAR SOUTH
5	18.533393	80.090802	75.88	V	AZAMNAGAR SOUTH
6	18.522488	80.069234	55.95	V	AZAMNAGAR SOUTH
7	18.531556	80.076773	78.13	V	AZAMNAGAR SOUTH
8	18.443089	80.100180	14.54	IV	NANDIGOAN NORTH
9	18.443826	80.107369	20.65	IV	NANDIGOAN NORTH
10	18.442130	80.103181	14.69	IV	NANDIGOAN NORTH
11	18.517582	80.051782	14.78	I	MUTHARAM NORTH
12	18.518497	80.039547	12.11	IV	MUTHARAM NORTH
13	18.522221	80.049407	50.37	IV	MUTHARAM NORTH
14	18.479399	80.017465	94.27	IV	MUTHARAM SOUTH
15	18.507595	80.010443	37.66	III	POLAMPALLY
16	18.421814	80.130754	17.53	II	NANDIGOAN EAST
17	18.420407	80.126605	18.76	II	NANDIGOAN EAST
18	18.432738	80.130919	56.16	V	NANDIGOAN EAST
19	18.431360	80.120073	16.63	IV	NANDIGOAN SOUTH
20	18.430725	80.105210	76.46	V	NANDIGOAN SOUTH
21	18.504181	79.977275	9.75	I	MAHABOOPALLY
22	18.497808	80.002510	20.41	I	MAHABOOPALLY
23	18.497763	79.998014	20.15	I	MAHABOOPALLY
24	18.505368	79.992748	20.36	I	MAHABOOPALLY
25	18.513066	79.968965	9.87	II	MAHABOOPALLY
26	18.504039	79.998620	14.00	II	MAHABOOPALLY
27	18.509383	79.975377	11.29	II	MAHABOOPALLY
28	18.507512	79.980651	7.41	II	MAHABOOPALLY
29	18.495400	79.989840	10.90	IV	MAHABOOPALLY

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



Division : Bhupalpally
Range : Azamnagar



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
1	18.552387	80.081215	39.20	V
2	18.537800	80.073787	54.87	V
3	18.547474	80.084854	94.35	V

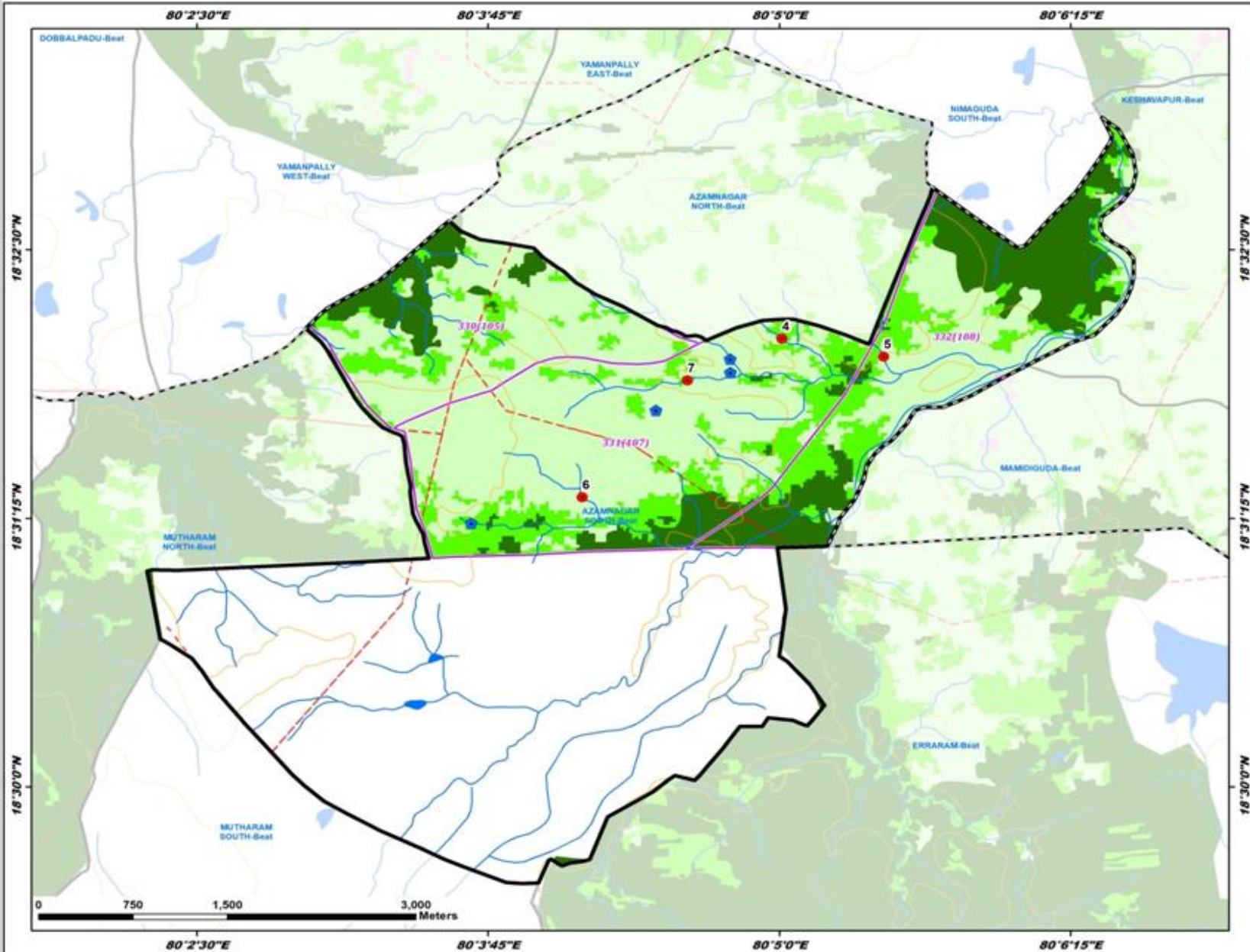
LEGEND

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

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



Division : Bhupalpally
Range : Azamnagar



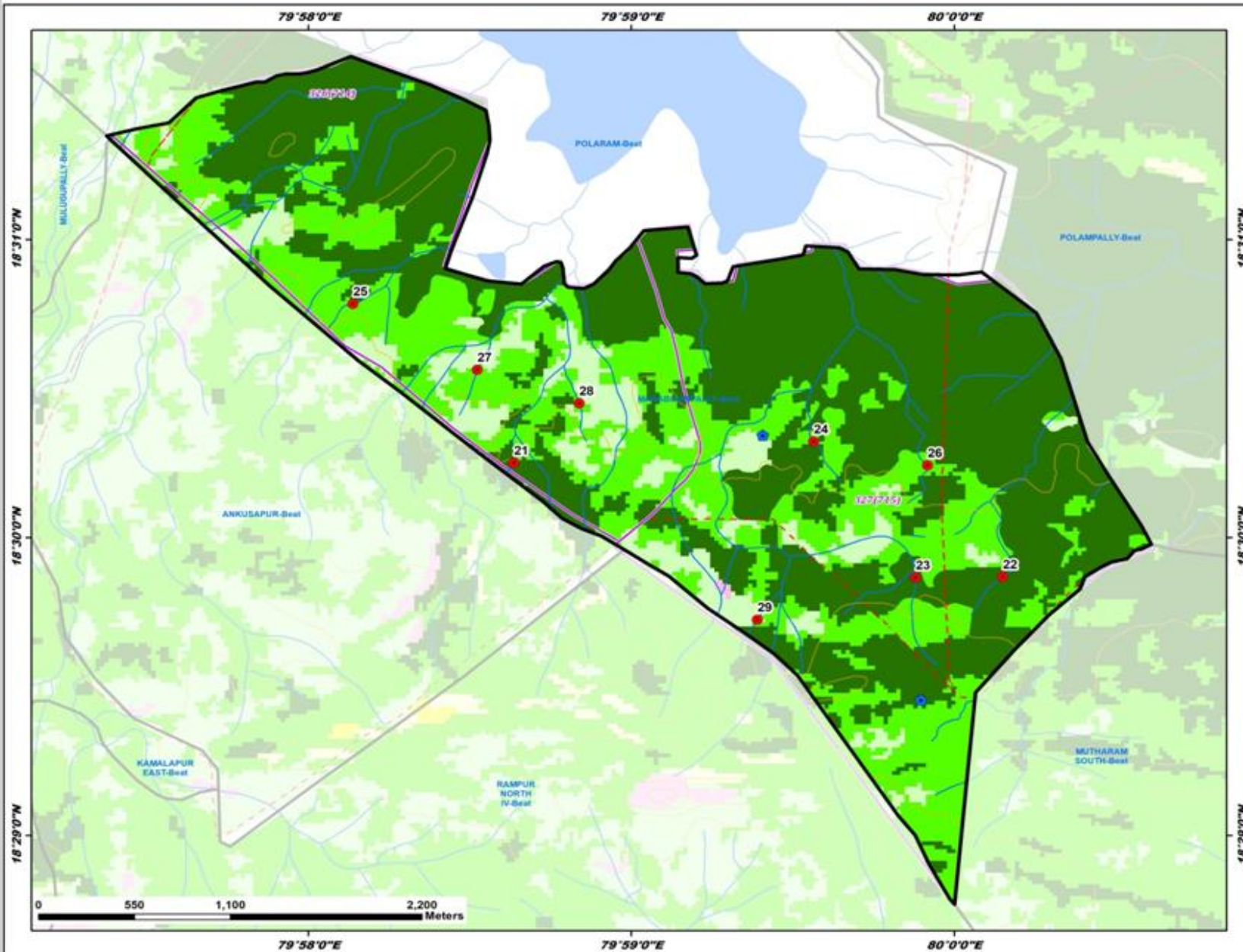
ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
4	18.534780	80.083518	31.69	V
5	18.533293	80.090802	75.88	V
6	18.532488	80.069234	55.95	V
7	18.531556	80.076773	78.13	V

- 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 Mahaboobpally Beat



Division : Bhupalpally
Range : Azamnagar



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
21	18.504181	79.977275	9.75	I
22	18.497808	80.002510	20.41	I
23	18.497763	79.998014	20.15	I
24	18.505368	79.992748	20.36	I
25	18.513066	79.968965	9.87	II
26	18.504039	79.998620	14.00	II
27	18.509383	79.975377	11.29	II
28	18.507512	79.980651	7.41	II
29	18.495400	79.989840	10.90	IV

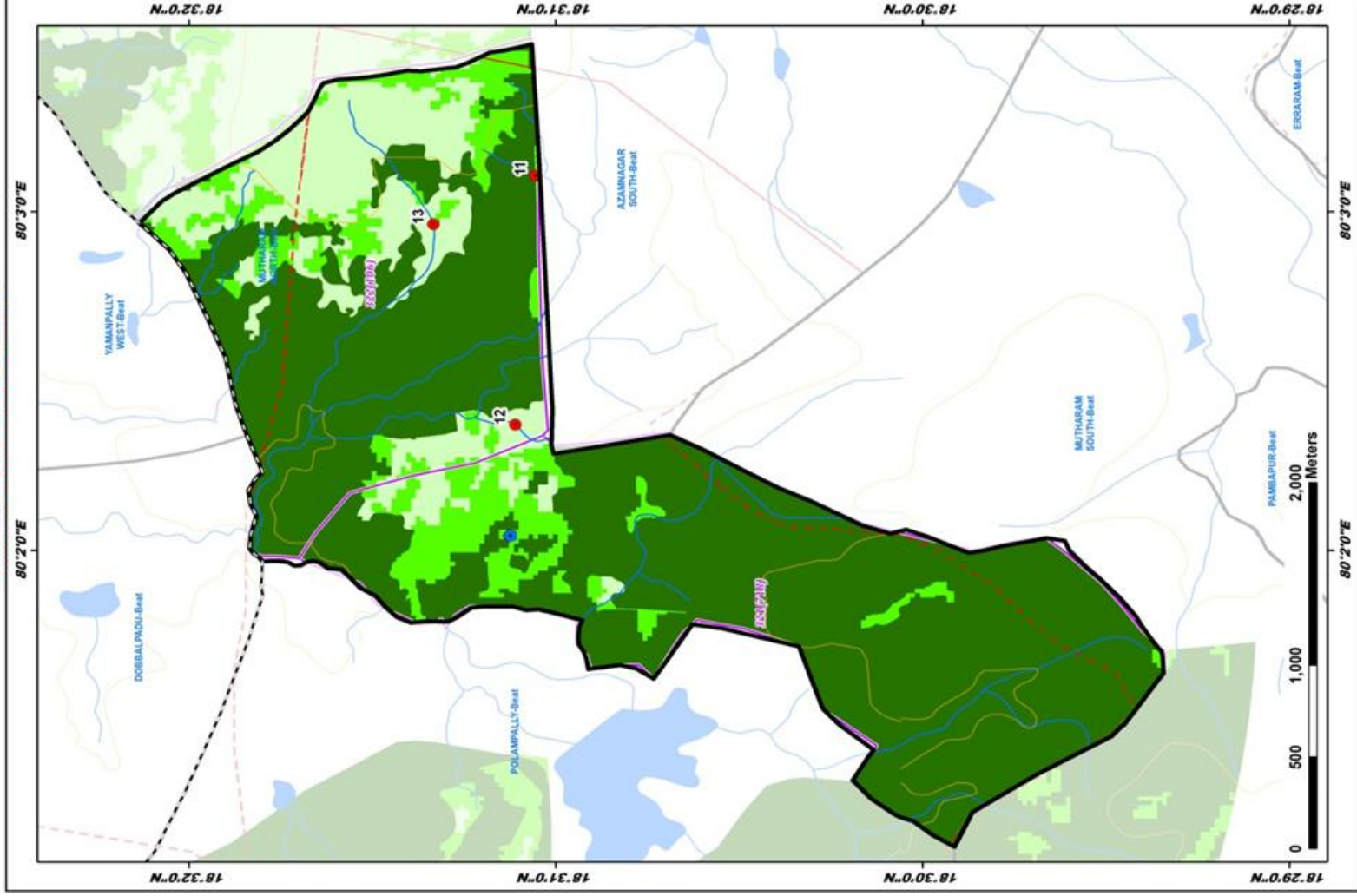
LEGEND

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

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



Division : Bhupalpally
Range : Azamnagar



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
11	18.517562	80.051782	14.78	I
12	18.518497	80.039547	12.11	IV
13	18.532221	80.068407	50.37	IV

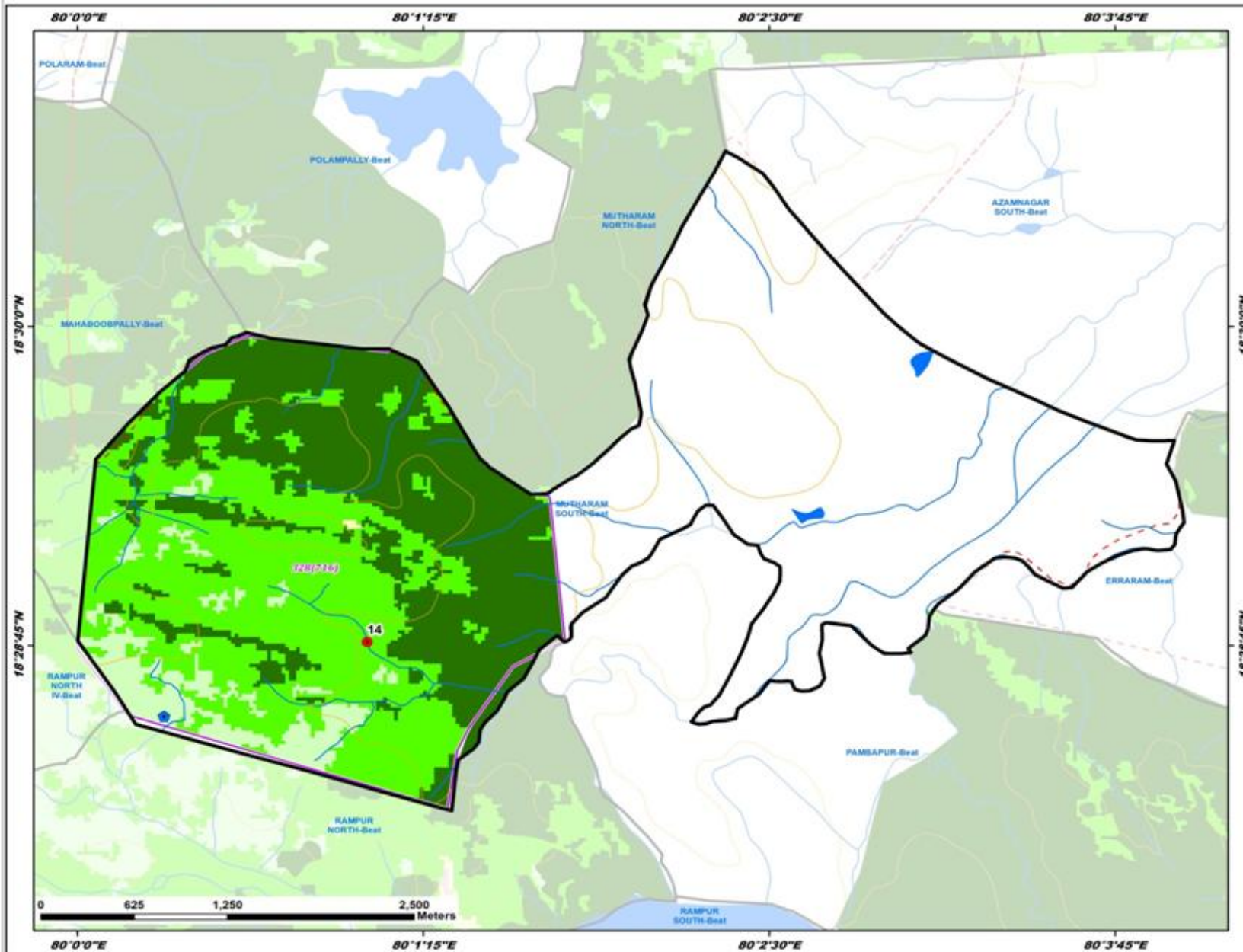
LEGEND

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

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



Division : Bhupalpally
Range : Azamnagar



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
14	18.479399	80.037465	94.27	IV

LEGEND

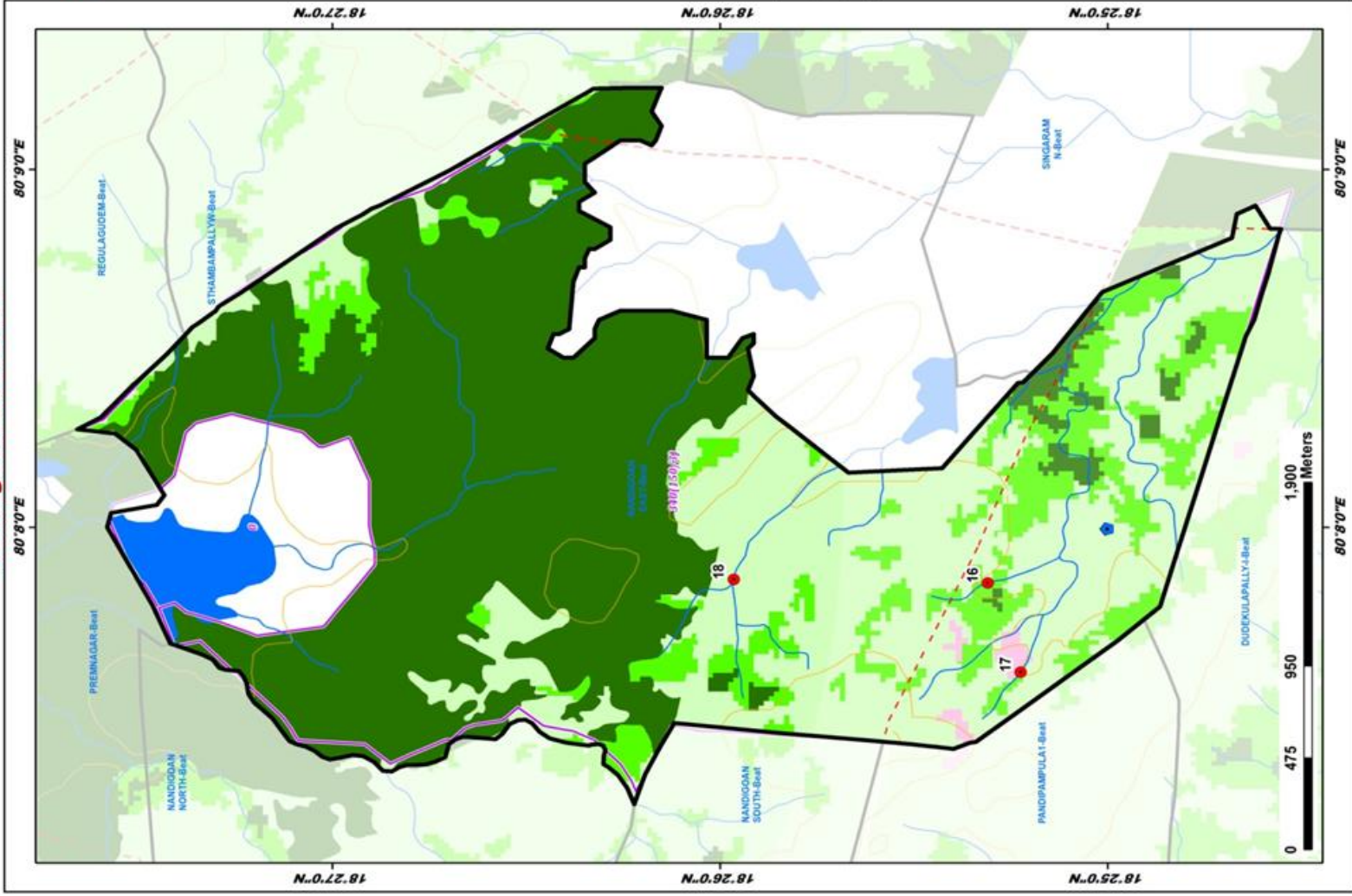
- Proposed PTs
- Existing CD/PTs
- Contours
- Streams
- - - Watershed Boundary
- ▭ Compartment Boundary
- ▭ Beat Boundary
- - - Division Boundary
- Suitability Index**
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately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

0 625 1,250 2,500 Meters

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



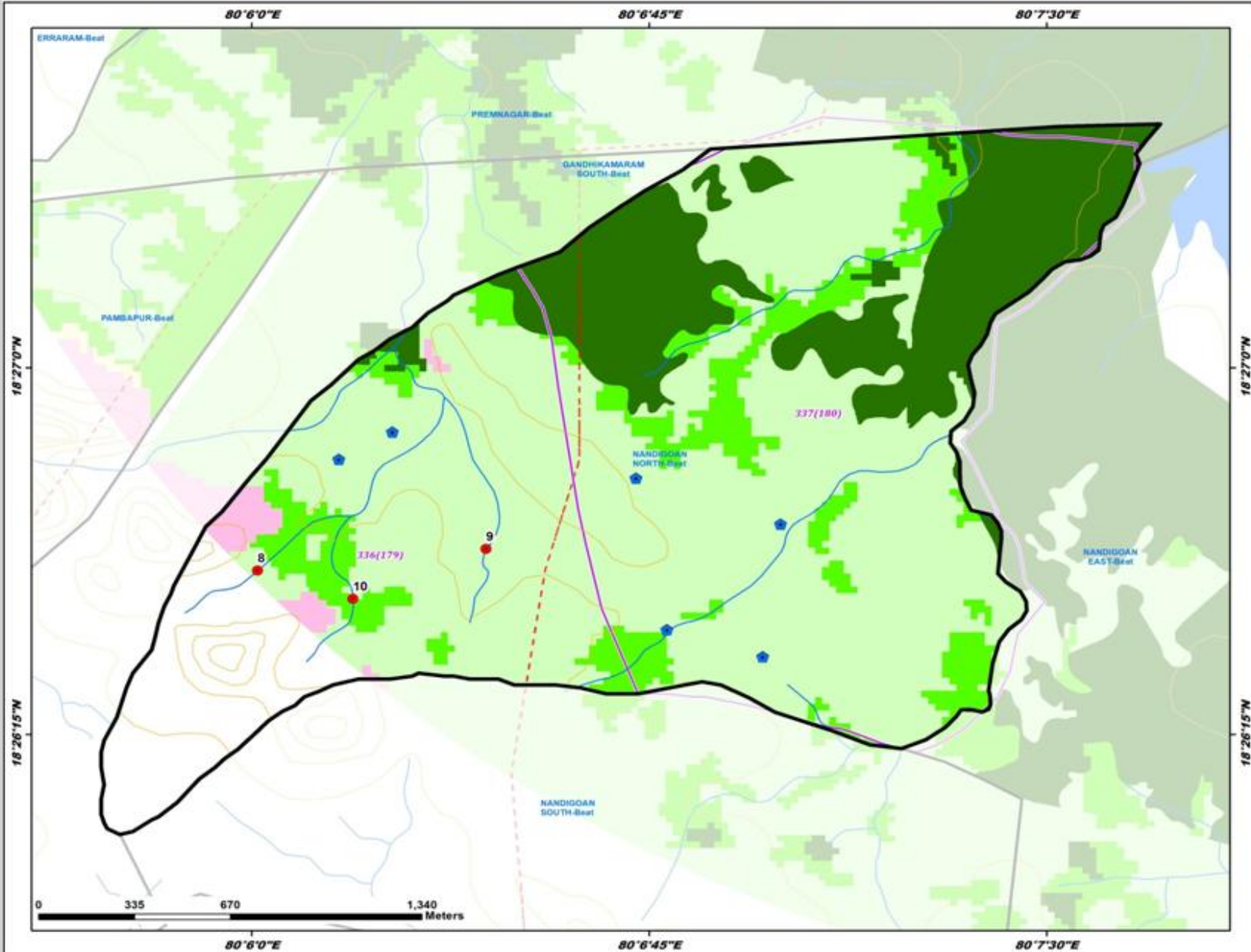
Division : Bhupalpally
Range : Azamnagar



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



Division : Bhupalpally
Range : Azamnagar



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
8	18.443089	80.100180	14.54	IV
9	18.443826	80.107369	20.65	IV
10	18.442130	80.103181	14.69	IV

LEGEND

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

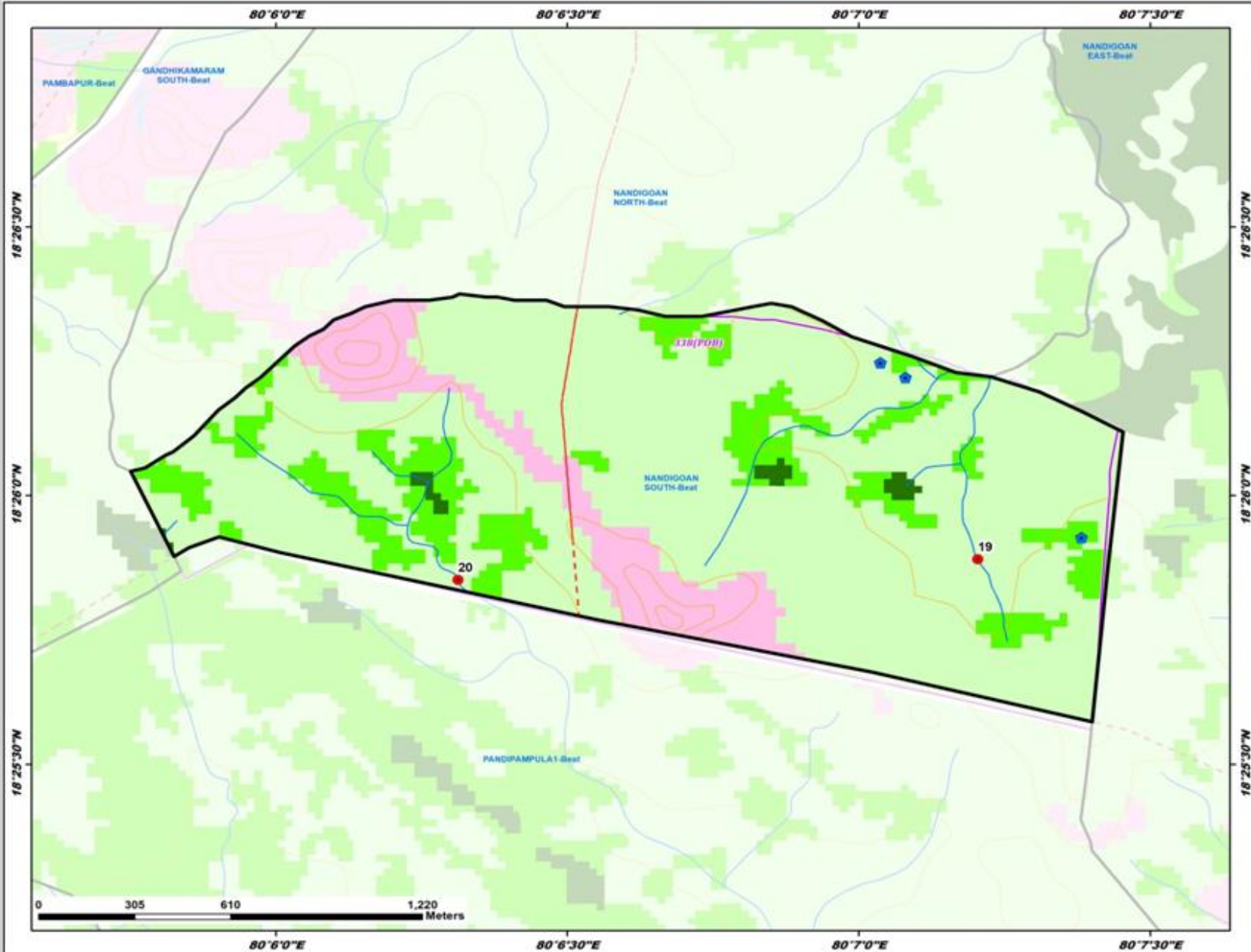
Suitability Index

- 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 Nandigoan South Beat



Division : Bhupalpally
Range : Azamnagar



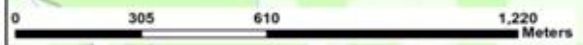
ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
19	18.431360	80.120073	16.63	IV
20	18.430725	80.105210	76.46	V

LEGEND

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

Suitability Index

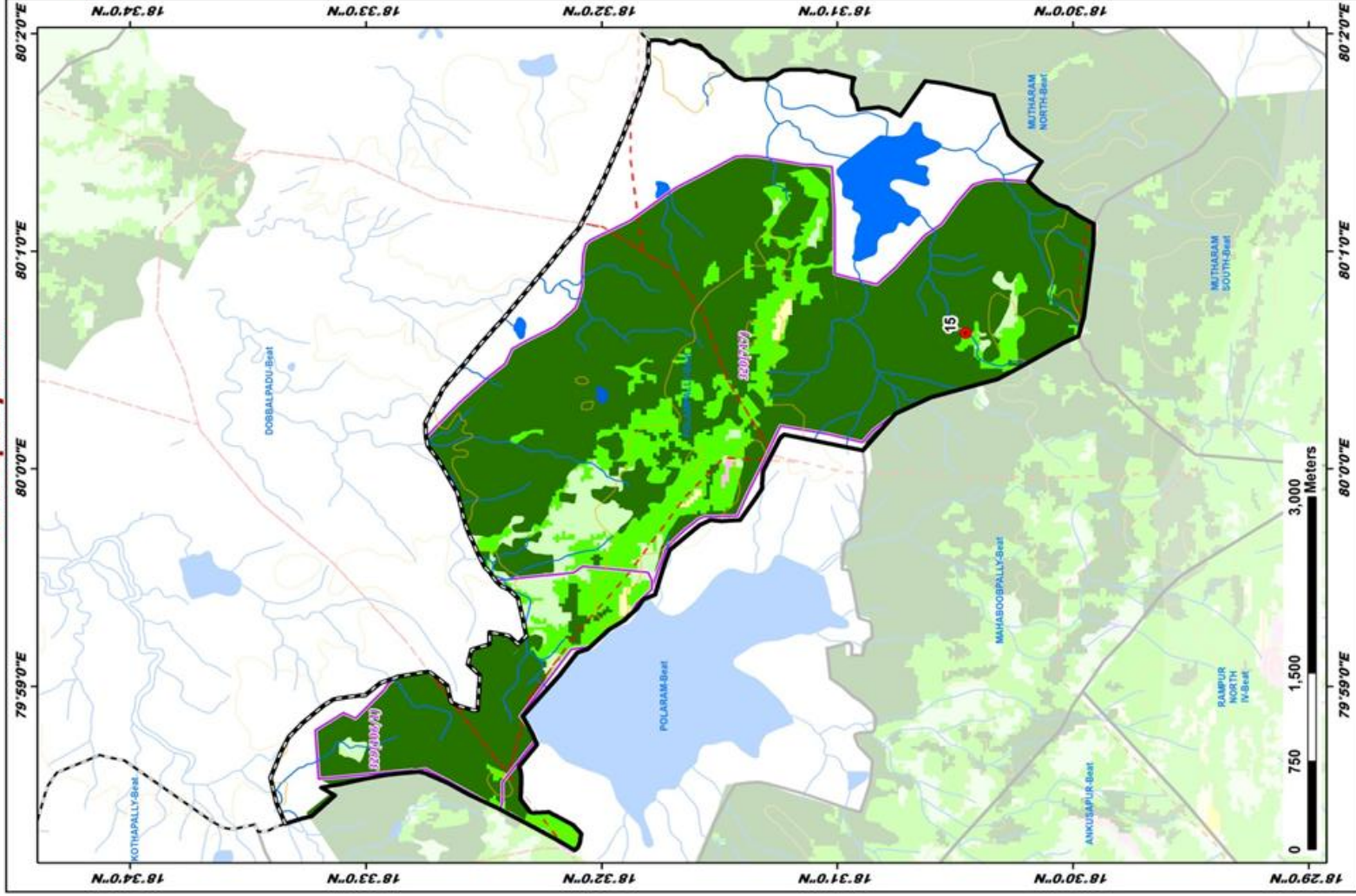
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body



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



Division : Bhupalpally
Range : Azamnagar

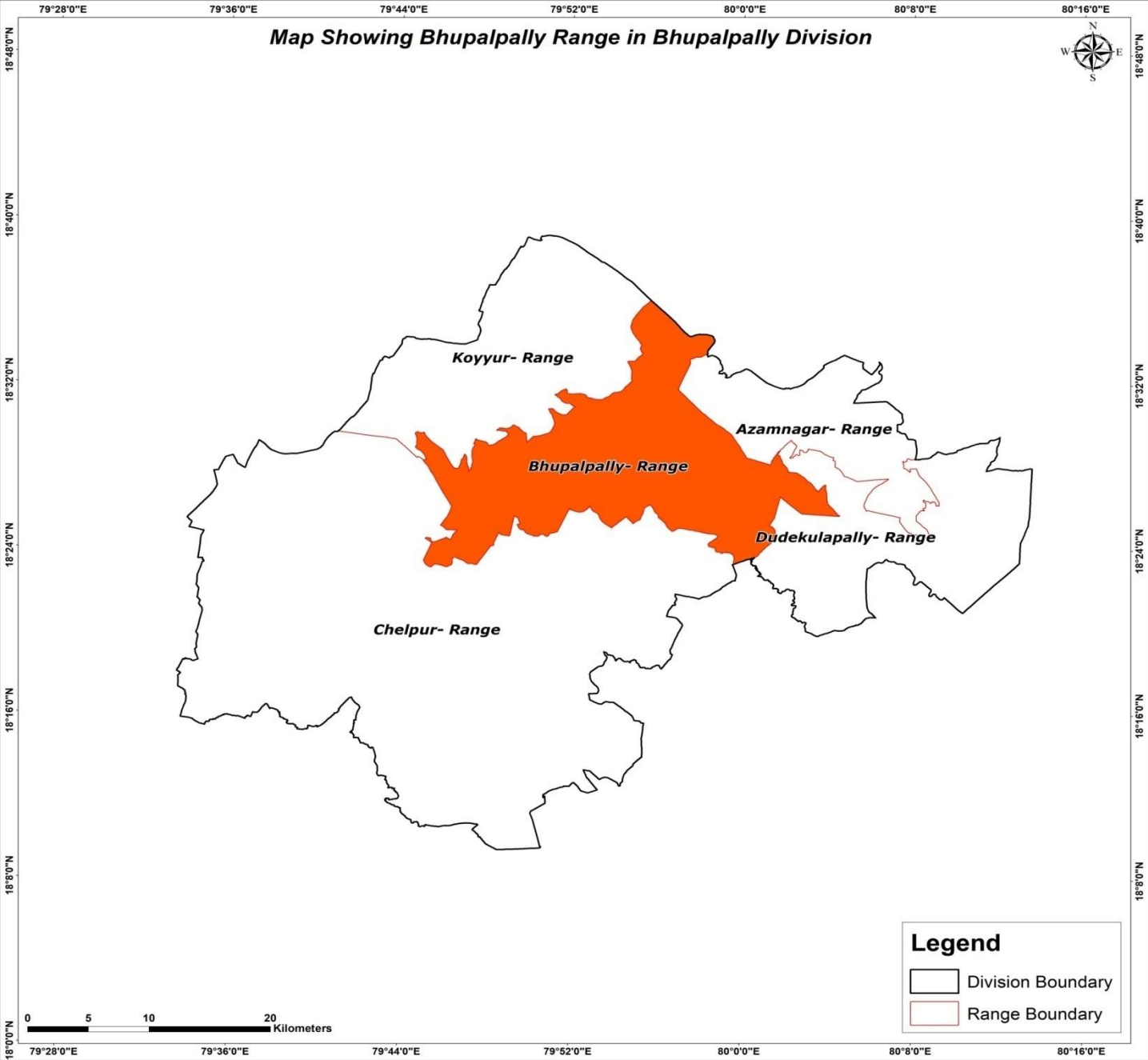


ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
15	18.50795	80.00443	37.66	III

LEGEND

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

Map Showing Bhupalpally Range in Bhupalpally Division

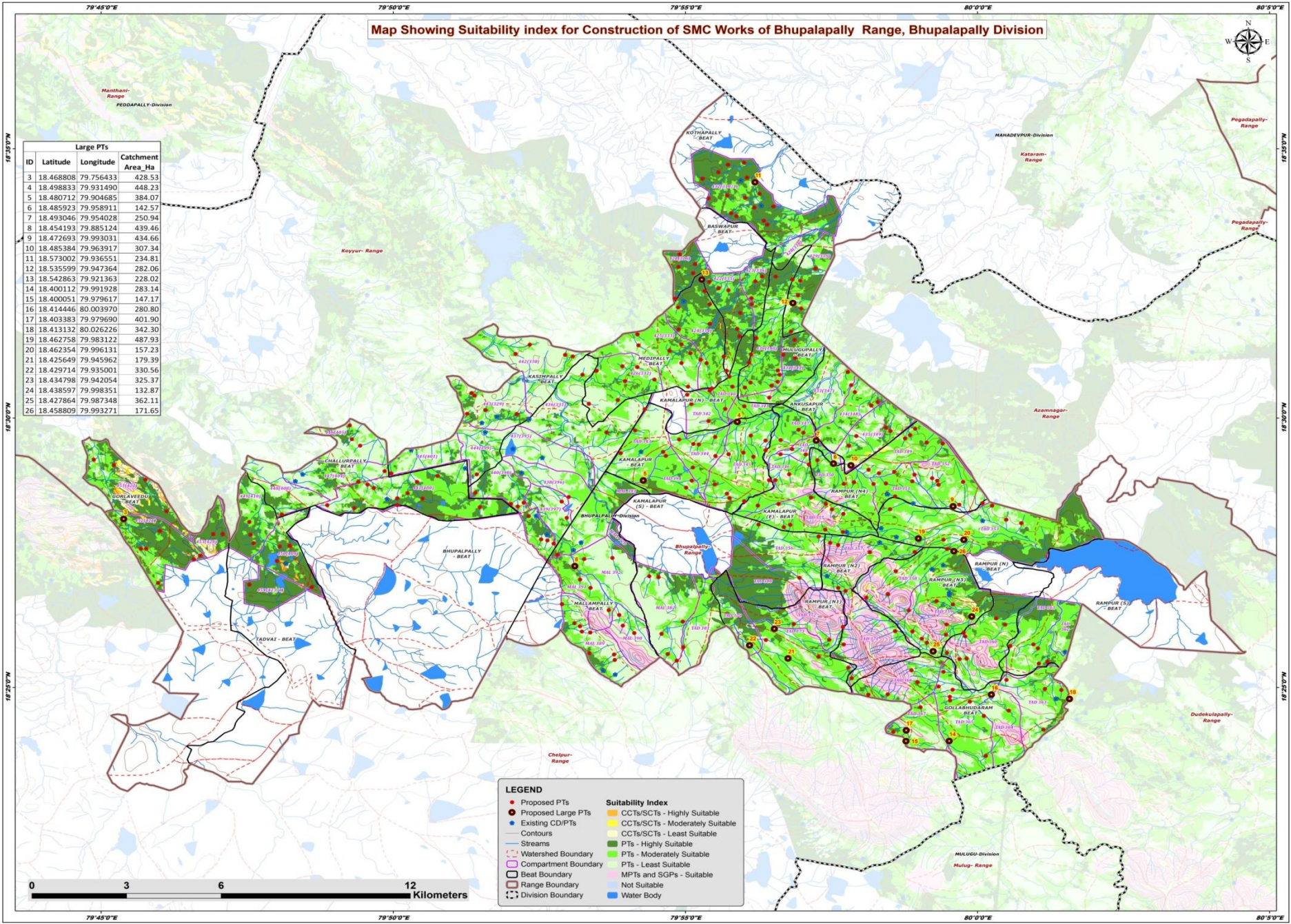


Legend

- Division Boundary
- Range Boundary

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

Large PTs			
ID	Latitude	Longitude	Catchment Area_Ha
3	18.468808	79.756433	428.53
4	18.498833	79.931490	448.23
5	18.480712	79.904685	384.07
6	18.485923	79.958911	142.57
7	18.493046	79.954028	250.94
8	18.454193	79.885124	439.46
9	18.472693	79.993031	434.66
10	18.485384	79.963917	307.34
11	18.573002	79.936551	234.81
12	18.535599	79.947364	282.06
13	18.542863	79.921363	228.02
14	18.400112	79.991928	283.14
15	18.400051	79.979617	147.17
16	18.414446	80.003970	280.80
17	18.403383	79.979690	401.90
18	18.413132	80.026226	342.30
19	18.462758	79.983122	487.93
20	18.462354	79.996131	157.23
21	18.425649	79.945962	179.39
22	18.429714	79.935001	330.56
23	18.434798	79.942054	325.37
24	18.438597	79.998351	132.87
25	18.427864	79.987348	362.11
26	18.458809	79.993271	171.65

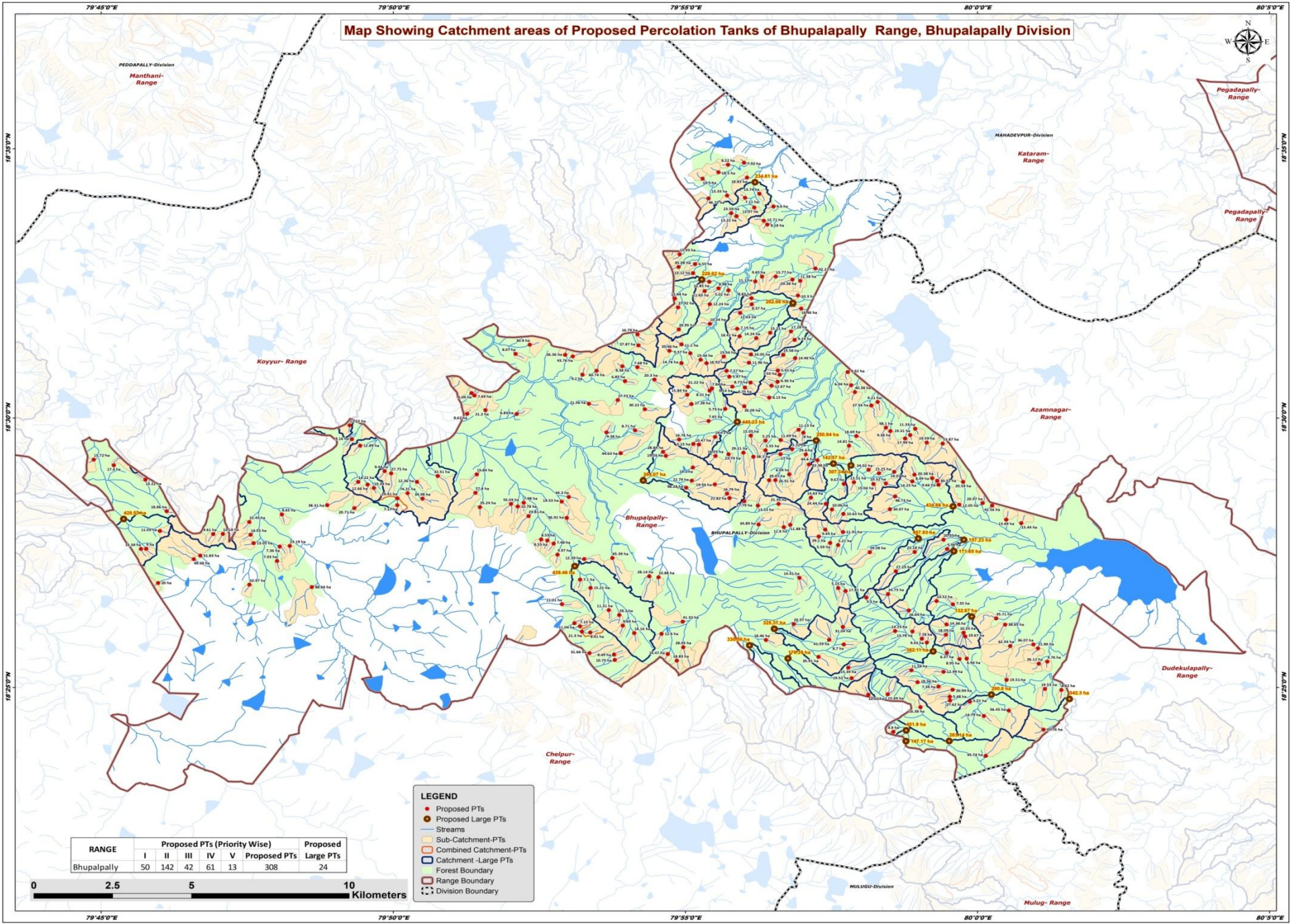


LEGEND

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



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



LEGEND

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

RANGE	Proposed PTs (Priority Wise)					Proposed Large PTs
	I	II	III	IV	V	
Bhupalapally	50	142	42	61	13	308
						24



79°45'0"E 79°50'0"E 79°55'0"E 80°0'0"E 80°5'0"E

18°50'0"N
18°55'0"N
18°58'0"N

18°50'0"N
18°55'0"N
18°58'0"N

Beat wise Abstract of Proposed PT's – Bhupalpally Range

S. No.	Beat	Proposed PT's
1	ANKUSAPUR	9
2	BASWAPUR	16
3	BHUPALPALLY	14
4	CHALLURPALLY	16
5	GOLLABHUDARAM	19
6	GORLAVEEDU	12
7	KAMALAPUR	24
8	KAMALAPUR EAST	19
9	KAMALAPUR NORTH	9
10	KAMALAPUR SOUTH	10
11	KASIMPALLY	11
12	KOTHAPALLY	20
13	MALLAMPALLY	17
14	MEDIPALLY	22
15	MULUGUPALLY	16
16	RAMPUR NORTH	13
17	RAMPUR NORTH I	6
18	RAMPUR NORTH II	9
19	RAMPUR NORTH III	12
20	RAMPUR NORTH IV	21
21	RAMPUR SOUTH	5
22	TADVAI	8
	Total	308

List of Proposed PTs – Bhupalpally 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
30	18.495590	79.894188	9.38	I	BHUPALPALLY	70	18.475209	79.834483	29.41	V	CHALLURPALLY	110	18.478495	79.916900	98.28	IV	KAMALAPUR
31	18.473084	79.834511	7.17	I	BHUPALPALLY	71	18.480949	79.762656	13.22	I	GORLAVEEDU	111	18.492036	79.918956	5.15	IV	KAMALAPUR
32	18.469698	79.871942	23.81	I	BHUPALPALLY	72	18.465102	79.766797	11.03	I	GORLAVEEDU	112	18.488305	79.925265	16.25	IV	KAMALAPUR
33	18.473827	79.870570	7.98	II	BHUPALPALLY	73	18.464152	79.782018	9.61	I	GORLAVEEDU	113	18.493391	79.914900	16.76	IV	KAMALAPUR
34	18.462500	79.875538	8.53	II	BHUPALPALLY	74	18.464187	79.784739	12.18	I	GORLAVEEDU	114	18.488854	79.928997	23.79	IV	KAMALAPUR
35	18.461205	79.879096	7.48	II	BHUPALPALLY	75	18.471191	79.768720	18.86	I	GORLAVEEDU	115	18.471744	79.958496	10.06	II	KAMALAPUR EAST
36	18.472651	79.868876	10.78	II	BHUPALPALLY	76	18.459529	79.761384	16.34	II	GORLAVEEDU	116	18.496404	79.948957	11.13	II	KAMALAPUR EAST
37	18.476883	79.856808	57.40	III	BHUPALPALLY	77	18.456373	79.776443	49.38	II	GORLAVEEDU	117	18.465509	79.956571	9.44	II	KAMALAPUR EAST
38	18.462140	79.877317	8.53	IV	BHUPALPALLY	78	18.459584	79.762896	9.00	II	GORLAVEEDU	118	18.475411	79.952489	14.63	II	KAMALAPUR EAST
39	18.474179	79.881405	19.53	IV	BHUPALPALLY	79	18.448992	79.766291	20.00	II	GORLAVEEDU	119	18.473500	79.956743	24.44	II	KAMALAPUR EAST
40	18.473443	79.866958	55.03	IV	BHUPALPALLY	80	18.485406	79.753622	17.40	II	GORLAVEEDU	120	18.470357	79.961762	10.63	II	KAMALAPUR EAST
41	18.513457	79.887320	9.20	IV	BHUPALPALLY	81	18.487160	79.747920	15.72	II	GORLAVEEDU	121	18.493238	79.943884	11.69	II	KAMALAPUR EAST
42	18.475622	79.883438	44.30	V	BHUPALPALLY	82	18.457442	79.778288	51.83	IV	GORLAVEEDU	122	18.472926	79.937360	13.53	II	KAMALAPUR EAST
43	18.469147	79.882860	36.92	V	BHUPALPALLY	83	18.455794	79.800214	7.03	I	TADVAI	123	18.495499	79.950347	8.00	II	KAMALAPUR EAST
44	18.501346	79.854452	8.62	I	KASIMPALLY	84	18.461311	79.793500	13.05	I	TADVAI	124	18.464765	79.961662	11.91	II	KAMALAPUR EAST
45	18.501269	79.868566	6.83	I	KASIMPALLY	85	18.460455	79.803826	23.19	I	TADVAI	125	18.466997	79.946618	11.88	II	KAMALAPUR EAST
46	18.502489	79.859657	21.20	II	KASIMPALLY	86	18.463918	79.792660	14.55	I	TADVAI	126	18.473465	79.943253	21.35	II	KAMALAPUR EAST
47	18.507756	79.855675	6.09	II	KASIMPALLY	87	18.448463	79.792308	10.97	I	TADVAI	127	18.466250	79.944747	11.60	II	KAMALAPUR EAST
48	18.506990	79.856518	7.69	II	KASIMPALLY	88	18.460270	79.800939	7.36	I	TADVAI	128	18.488787	79.951036	29.40	III	KAMALAPUR EAST
49	18.519896	79.868232	8.07	II	KASIMPALLY	89	18.467883	79.792279	22.45	II	TADVAI	129	18.480813	79.942370	26.91	III	KAMALAPUR EAST
50	18.522715	79.872275	30.90	III	KASIMPALLY	90	18.447717	79.810146	88.64	III	TADVAI	130	18.488854	79.943846	17.00	IV	KAMALAPUR EAST
51	18.519098	79.884546	43.76	III	KASIMPALLY	91	18.496208	79.902329	8.71	II	KAMALAPUR	131	18.482640	79.946315	6.04	IV	KAMALAPUR EAST
52	18.482927	79.832746	27.75	III	KASIMPALLY	92	18.490085	79.939537	5.55	II	KAMALAPUR	132	18.490402	79.947123	5.32	IV	KAMALAPUR EAST
53	18.482619	79.857187	15.84	IV	KASIMPALLY	93	18.475279	79.929264	21.82	II	KAMALAPUR	133	18.485657	79.951906	42.38	V	KAMALAPUR EAST
54	18.519564	79.882389	56.36	IV	KASIMPALLY	94	18.491843	79.920524	10.47	II	KAMALAPUR	134	18.509751	79.930109	9.14	II	KAMALAPUR NORTH
55	18.480283	79.823353	14.22	I	CHALLURPALLY	95	18.484714	79.918835	19.10	II	KAMALAPUR	135	18.499125	79.923325	7.65	II	KAMALAPUR NORTH
56	18.472159	79.822259	20.71	I	CHALLURPALLY	96	18.479480	79.925090	19.56	II	KAMALAPUR	136	18.502856	79.928050	5.73	II	KAMALAPUR NORTH
57	18.478378	79.827832	10.39	II	CHALLURPALLY	97	18.480648	79.918515	22.79	II	KAMALAPUR	137	18.504351	79.918413	17.38	II	KAMALAPUR NORTH
58	18.470214	79.801559	8.65	II	CHALLURPALLY	98	18.494607	79.935345	15.05	II	KAMALAPUR	138	18.512833	79.929246	5.97	II	KAMALAPUR NORTH
59	18.475091	79.841680	34.98	II	CHALLURPALLY	99	18.488337	79.911123	19.59	II	KAMALAPUR	139	18.503685	79.933501	36.09	III	KAMALAPUR NORTH
60	18.479463	79.826031	12.66	II	CHALLURPALLY	100	18.494187	79.925174	24.71	II	KAMALAPUR	140	18.508491	79.923625	8.31	IV	KAMALAPUR NORTH
61	18.472452	79.858056	35.24	III	CHALLURPALLY	101	18.480783	79.940589	20.07	II	KAMALAPUR	141	18.509181	79.924253	7.84	IV	KAMALAPUR NORTH
62	18.482096	79.846050	32.51	III	CHALLURPALLY	102	18.502746	79.905103	30.22	III	KAMALAPUR	142	18.507236	79.917211	15.84	IV	KAMALAPUR NORTH
63	18.476787	79.837446	74.21	III	CHALLURPALLY	103	18.489149	79.898233	44.63	III	KAMALAPUR	143	18.424984	79.914221	18.83	II	KAMALAPUR SOUTH
64	18.473079	79.814526	38.31	III	CHALLURPALLY	104	18.474315	79.933448	27.79	III	KAMALAPUR	144	18.427029	79.911677	14.47	II	KAMALAPUR SOUTH
65	18.480258	79.840102	12.36	IV	CHALLURPALLY	105	18.489555	79.910340	28.84	III	KAMALAPUR	145	18.450612	79.949203	14.41	II	KAMALAPUR SOUTH
66	18.497770	79.820922	12.22	IV	CHALLURPALLY	106	18.488064	79.936078	38.70	III	KAMALAPUR	146	18.450767	79.909029	10.88	II	KAMALAPUR SOUTH
67	18.483593	79.830915	9.44	IV	CHALLURPALLY	107	18.489311	79.933235	29.21	III	KAMALAPUR	147	18.467077	79.937578	34.89	III	KAMALAPUR SOUTH
68	18.491480	79.823909	12.89	IV	CHALLURPALLY	108	18.476632	79.928556	16.79	IV	KAMALAPUR	148	18.463368	79.954740	29.10	III	KAMALAPUR SOUTH
69	18.493507	79.821545	9.16	IV	CHALLURPALLY	109	18.493068	79.939542	5.25	IV	KAMALAPUR	149	18.429119	79.916065	28.05	III	KAMALAPUR SOUTH

List of Proposed PTs – Bhupalpally Range

ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat
150	18.437049	79.915933	41.32	III	KAMALAPUR SOUTH
151	18.433247	79.909880	12.60	IV	KAMALAPUR SOUTH
152	18.451097	79.906391	28.14	V	KAMALAPUR SOUTH
153	18.457768	79.880199	9.97	I	MALLAMPALLY
154	18.440613	79.894846	11.31	II	MALLAMPALLY
155	18.436548	79.885042	11.04	II	MALLAMPALLY
156	18.435604	79.886616	7.15	II	MALLAMPALLY
157	18.456403	79.887817	12.39	II	MALLAMPALLY
158	18.427301	79.889334	31.66	II	MALLAMPALLY
159	18.442430	79.881486	11.01	II	MALLAMPALLY
160	18.425161	79.896550	10.75	II	MALLAMPALLY
161	18.450042	79.886650	7.10	II	MALLAMPALLY
162	18.435810	79.898844	9.64	IV	MALLAMPALLY
163	18.447489	79.889621	15.21	IV	MALLAMPALLY
164	18.426873	79.896331	8.49	IV	MALLAMPALLY
165	18.433958	79.887169	21.30	IV	MALLAMPALLY
166	18.433496	79.902089	18.16	IV	MALLAMPALLY
167	18.433667	79.889561	8.41	IV	MALLAMPALLY
168	18.439091	79.897833	28.30	V	MALLAMPALLY
169	18.456723	79.895878	45.39	V	MALLAMPALLY
170	18.494766	79.980821	19.31	II	RAMPUR NORTH IV
171	18.480271	79.995908	20.59	II	RAMPUR NORTH IV
172	18.479801	79.973881	10.52	II	RAMPUR NORTH IV
173	18.496715	79.982254	11.33	II	RAMPUR NORTH IV
174	18.479383	79.988903	9.66	II	RAMPUR NORTH IV
175	18.480448	79.981410	14.25	II	RAMPUR NORTH IV
176	18.480156	79.964760	13.51	II	RAMPUR NORTH IV
177	18.479632	79.970346	15.04	II	RAMPUR NORTH IV
178	18.479647	79.961908	9.67	II	RAMPUR NORTH IV
179	18.492444	79.985518	19.59	II	RAMPUR NORTH IV
180	18.493712	79.979356	17.99	II	RAMPUR NORTH IV
181	18.486977	79.954360	44.60	III	RAMPUR NORTH IV
182	18.475790	79.976533	48.73	III	RAMPUR NORTH IV
183	18.492144	79.990107	53.87	IV	RAMPUR NORTH IV
184	18.482489	79.982038	20.38	IV	RAMPUR NORTH IV
185	18.473230	79.994826	12.05	IV	RAMPUR NORTH IV
186	18.482947	79.971890	15.25	IV	RAMPUR NORTH IV
187	18.483342	79.976246	19.07	IV	RAMPUR NORTH IV
188	18.481400	79.987086	8.49	IV	RAMPUR NORTH IV
189	18.484014	79.968962	24.02	IV	RAMPUR NORTH IV

ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat
190	18.480617	79.988528	30.52	V	RAMPUR NORTH IV
191	18.505001	79.971533	9.21	I	ANKUSAPUR
192	18.510185	79.963991	6.04	II	ANKUSAPUR
193	18.491476	79.963362	14.81	II	ANKUSAPUR
194	18.514259	79.963038	8.62	II	ANKUSAPUR
195	18.495999	79.975191	9.34	II	ANKUSAPUR
196	18.508058	79.965054	40.38	III	ANKUSAPUR
197	18.497052	79.973886	58.10	III	ANKUSAPUR
198	18.503901	79.969742	27.56	III	ANKUSAPUR
199	18.494448	79.965445	18.69	IV	ANKUSAPUR
200	18.532546	79.932324	12.63	I	BASWAPUR
201	18.537014	79.913666	11.44	I	BASWAPUR
202	18.540152	79.926141	8.98	I	BASWAPUR
203	18.543792	79.938551	9.65	I	BASWAPUR
204	18.535230	79.935609	8.37	I	BASWAPUR
205	18.527628	79.931454	7.19	I	BASWAPUR
206	18.525343	79.932161	18.41	I	BASWAPUR
207	18.550689	79.915039	15.93	I	BASWAPUR
208	18.544857	79.918882	13.12	I	BASWAPUR
209	18.547688	79.919466	6.55	I	BASWAPUR
210	18.537103	79.935556	8.83	II	BASWAPUR
211	18.546786	79.914734	45.08	II	BASWAPUR
212	18.542325	79.936637	11.10	II	BASWAPUR
213	18.542184	79.923500	12.85	II	BASWAPUR
214	18.539562	79.928963	5.02	II	BASWAPUR
215	18.514640	79.928446	7.57	II	BASWAPUR
216	18.559901	79.940063	8.18	I	KOTHAPALLY
217	18.568172	79.933716	7.11	I	KOTHAPALLY
218	18.561060	79.939079	12.71	I	KOTHAPALLY
219	18.574097	79.921582	14.50	I	KOTHAPALLY
220	18.565498	79.941828	6.60	I	KOTHAPALLY
221	18.576073	79.926132	18.50	I	KOTHAPALLY
222	18.568871	79.928598	13.33	I	KOTHAPALLY
223	18.579041	79.933429	7.92	I	KOTHAPALLY
224	18.578396	79.928847	8.22	I	KOTHAPALLY
225	18.563444	79.929736	23.59	I	KOTHAPALLY
226	18.574425	79.934288	18.83	I	KOTHAPALLY
227	18.565185	79.936343	12.97	I	KOTHAPALLY
228	18.567991	79.923286	46.72	II	KOTHAPALLY
229	18.569443	79.937811	13.74	II	KOTHAPALLY

ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat
230	18.526848	79.946831	17.28	II	KOTHAPALLY
231	18.542503	79.949454	11.38	II	KOTHAPALLY
232	18.562464	79.931250	13.22	II	KOTHAPALLY
233	18.533913	79.949740	16.46	II	KOTHAPALLY
234	18.537952	79.948814	10.30	II	KOTHAPALLY
235	18.546296	79.953780	32.21	II	KOTHAPALLY
236	18.529167	79.923701	10.24	I	MEDIPALLY
237	18.539299	79.922226	11.65	I	MEDIPALLY
238	18.522817	79.915581	11.10	II	MEDIPALLY
239	18.535279	79.923652	12.24	II	MEDIPALLY
240	18.525919	79.903014	16.79	II	MEDIPALLY
241	18.518067	79.921047	15.34	II	MEDIPALLY
242	18.517014	79.922711	16.92	II	MEDIPALLY
243	18.520095	79.918099	9.37	II	MEDIPALLY
244	18.519045	79.927613	15.54	II	MEDIPALLY
245	18.511468	79.899469	6.85	II	MEDIPALLY
246	18.505606	79.897397	17.53	II	MEDIPALLY
247	18.516059	79.898694	8.38	II	MEDIPALLY
248	18.520834	79.912152	35.46	III	MEDIPALLY
249	18.527458	79.914829	26.95	III	MEDIPALLY
250	18.534284	79.914616	27.92	III	MEDIPALLY
251	18.517027	79.915561	14.76	IV	MEDIPALLY
252	18.511924	79.907851	20.30	IV	MEDIPALLY
253	18.514646	79.891344	60.74	IV	MEDIPALLY
254	18.504477	79.889133	21.56	IV	MEDIPALLY
255	18.509746	79.917461	21.22	IV	MEDIPALLY
256	18.515756	79.903001	7.68	IV	MEDIPALLY
257	18.522537	79.903289	37.87	V	MEDIPALLY
258	18.524220	79.947838	9.19	I	MULUGUPALLY
259	18.543812	79.942478	13.77	I	MULUGUPALLY
260	18.519610	79.944571	19.58	I	MULUGUPALLY
261	18.524763	79.936910	14.24	I	MULUGUPALLY
262	18.510043	79.941267	12.67	I	MULUGUPALLY
263	18.513447	79.943580	7.55	II	MULUGUPALLY
264	18.514761	79.943046	5.55	II	MULUGUPALLY
265	18.511010	79.935280	8.77	II	MULUGUPALLY
266	18.509464	79.933662	6.75	II	MULUGUPALLY
267	18.511235	79.942976	6.36	II	MULUGUPALLY
268	18.542883	79.947212	29.38	II	MULUGUPALLY
269	18.517156	79.934834	11.96	II	MULUGUPALLY

List of Proposed PTs – Bhupalpally Range

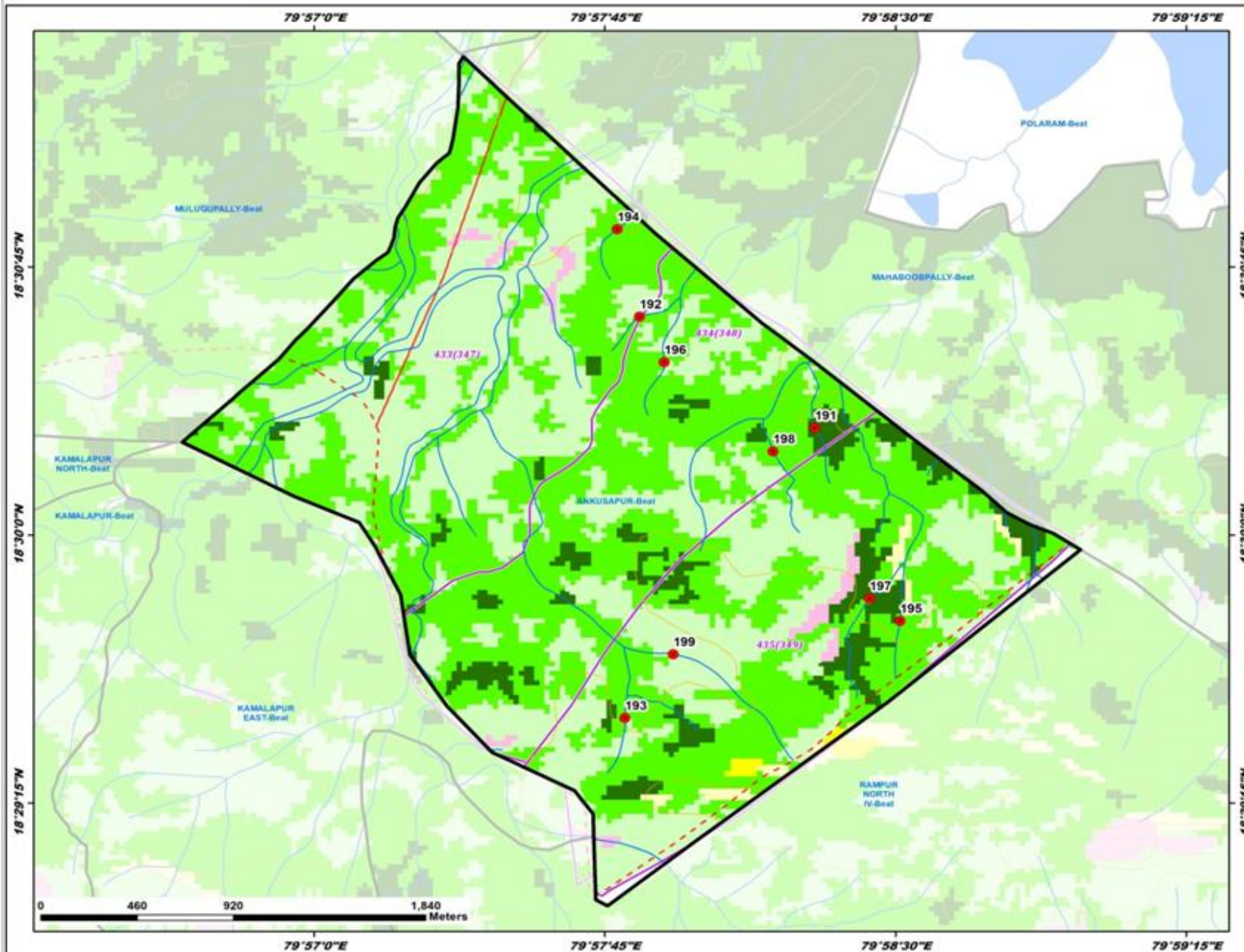
ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat
270	18.526430	79.940901	15.21	II	MULUGUPALLY
271	18.518574	79.948000	14.46	II	MULUGUPALLY
272	18.519699	79.935410	10.05	II	MULUGUPALLY
273	18.506358	79.940627	8.15	IV	MULUGUPALLY
274	18.418300	79.982941	18.56	II	GOLLABHUDARAM
275	18.414440	79.968893	10.02	II	GOLLABHUDARAM
276	18.412249	79.997826	5.01	II	GOLLABHUDARAM
277	18.414563	79.974387	15.69	II	GOLLABHUDARAM
278	18.407829	80.001836	14.79	II	GOLLABHUDARAM
279	18.415893	80.023949	8.62	II	GOLLABHUDARAM
280	18.416952	79.988900	7.34	II	GOLLABHUDARAM
281	18.402951	79.976009	9.90	II	GOLLABHUDARAM
282	18.416210	80.019241	19.53	II	GOLLABHUDARAM
283	18.410536	79.983766	16.38	II	GOLLABHUDARAM
284	18.403630	80.018834	45.76	III	GOLLABHUDARAM
285	18.395501	80.002404	45.74	III	GOLLABHUDARAM
286	18.412637	79.992197	27.62	III	GOLLABHUDARAM
287	18.419024	80.008280	19.51	IV	GOLLABHUDARAM
288	18.413806	79.992122	5.48	IV	GOLLABHUDARAM
289	18.421975	79.981174	11.54	IV	GOLLABHUDARAM
290	18.421525	79.990323	12.99	IV	GOLLABHUDARAM
291	18.415958	79.992931	26.94	V	GOLLABHUDARAM
292	18.409508	80.008934	56.45	V	GOLLABHUDARAM
293	18.473718	80.001473	20.97	II	RAMPUR NORTH
294	18.462400	79.990341	20.35	II	RAMPUR NORTH
295	18.425593	79.996929	6.94	II	RAMPUR NORTH
296	18.468594	80.008217	13.69	II	RAMPUR NORTH
297	18.433605	79.996060	10.55	II	RAMPUR NORTH
298	18.427376	79.991296	6.37	II	RAMPUR NORTH
299	18.471808	79.975057	30.07	III	RAMPUR NORTH
300	18.472937	80.004166	42.56	III	RAMPUR NORTH
301	18.438018	80.005328	35.71	III	RAMPUR NORTH
302	18.436110	80.007893	38.65	III	RAMPUR NORTH
303	18.432475	79.996507	19.67	IV	RAMPUR NORTH
304	18.467500	80.012498	15.44	IV	RAMPUR NORTH
305	18.425435	79.994901	8.95	IV	RAMPUR NORTH
306	18.422790	79.963166	15.39	II	RAMPUR NORTH I
307	18.436285	79.947590	20.97	II	RAMPUR NORTH I
308	18.426125	79.954645	35.91	III	RAMPUR NORTH I
309	18.431422	79.957722	41.59	III	RAMPUR NORTH I

ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat
310	18.431358	79.939663	18.46	IV	RAMPUR NORTH I
311	18.435399	79.961613	31.04	V	RAMPUR NORTH I
312	18.419528	79.964121	19.52	II	RAMPUR NORTH II
313	18.460728	79.960259	5.21	II	RAMPUR NORTH II
314	18.434134	79.976532	14.25	II	RAMPUR NORTH II
315	18.461398	79.957997	5.59	II	RAMPUR NORTH II
316	18.447453	79.960288	5.15	II	RAMPUR NORTH II
317	18.458585	79.982096	22.18	II	RAMPUR NORTH II
318	18.429976	79.961865	8.70	II	RAMPUR NORTH II
319	18.446531	79.962374	17.81	II	RAMPUR NORTH II
320	18.458530	79.969278	29.28	III	RAMPUR NORTH II
321	18.459520	79.991352	5.36	II	RAMPUR NORTH III
322	18.430568	79.985577	9.43	II	RAMPUR NORTH III
323	18.436169	79.991198	14.38	II	RAMPUR NORTH III
324	18.442371	79.992994	7.35	II	RAMPUR NORTH III
325	18.443415	79.988331	10.52	II	RAMPUR NORTH III
326	18.445564	79.974493	24.73	II	RAMPUR NORTH III
327	18.440477	79.980439	16.64	IV	RAMPUR NORTH III
328	18.432997	79.991032	18.09	IV	RAMPUR NORTH III
329	18.444484	79.968296	5.30	IV	RAMPUR NORTH III
330	18.433977	79.981472	13.78	IV	RAMPUR NORTH III
331	18.431762	79.984121	7.78	IV	RAMPUR NORTH III
332	18.452621	79.976711	27.29	V	RAMPUR NORTH III
333	18.424654	80.019920	9.76	I	RAMPUR SOUTH
334	18.428771	80.017265	21.86	II	RAMPUR SOUTH
335	18.429976	80.015972	36.07	III	RAMPUR SOUTH
336	18.424051	80.017511	26.11	III	RAMPUR SOUTH
337	18.429484	80.009337	62.93	IV	RAMPUR SOUTH

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



Division : Bhupalpally
Range : Bhupalpally



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
191	18.505001	79.971533	9.21	I
192	18.510185	79.963991	6.04	II
193	18.491476	79.963362	14.81	II
194	18.514259	79.963038	8.62	II
195	18.495999	79.975191	9.34	II
196	18.508058	79.965054	40.38	III
197	18.497052	79.973886	58.10	III
198	18.503901	79.969742	27.56	III
199	18.494448	79.965445	18.69	IV

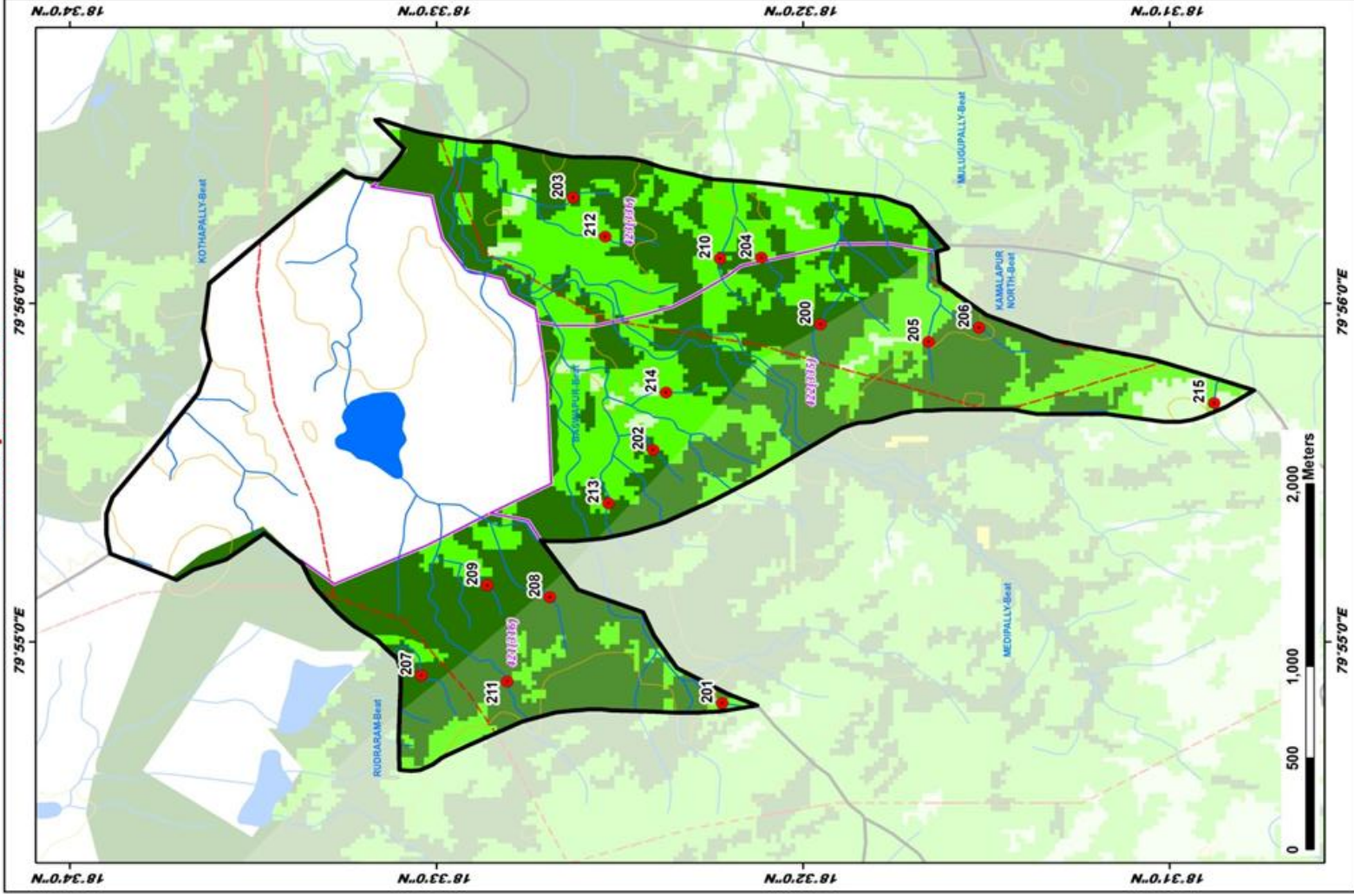
LEGEND

- 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 Baswapur Beat



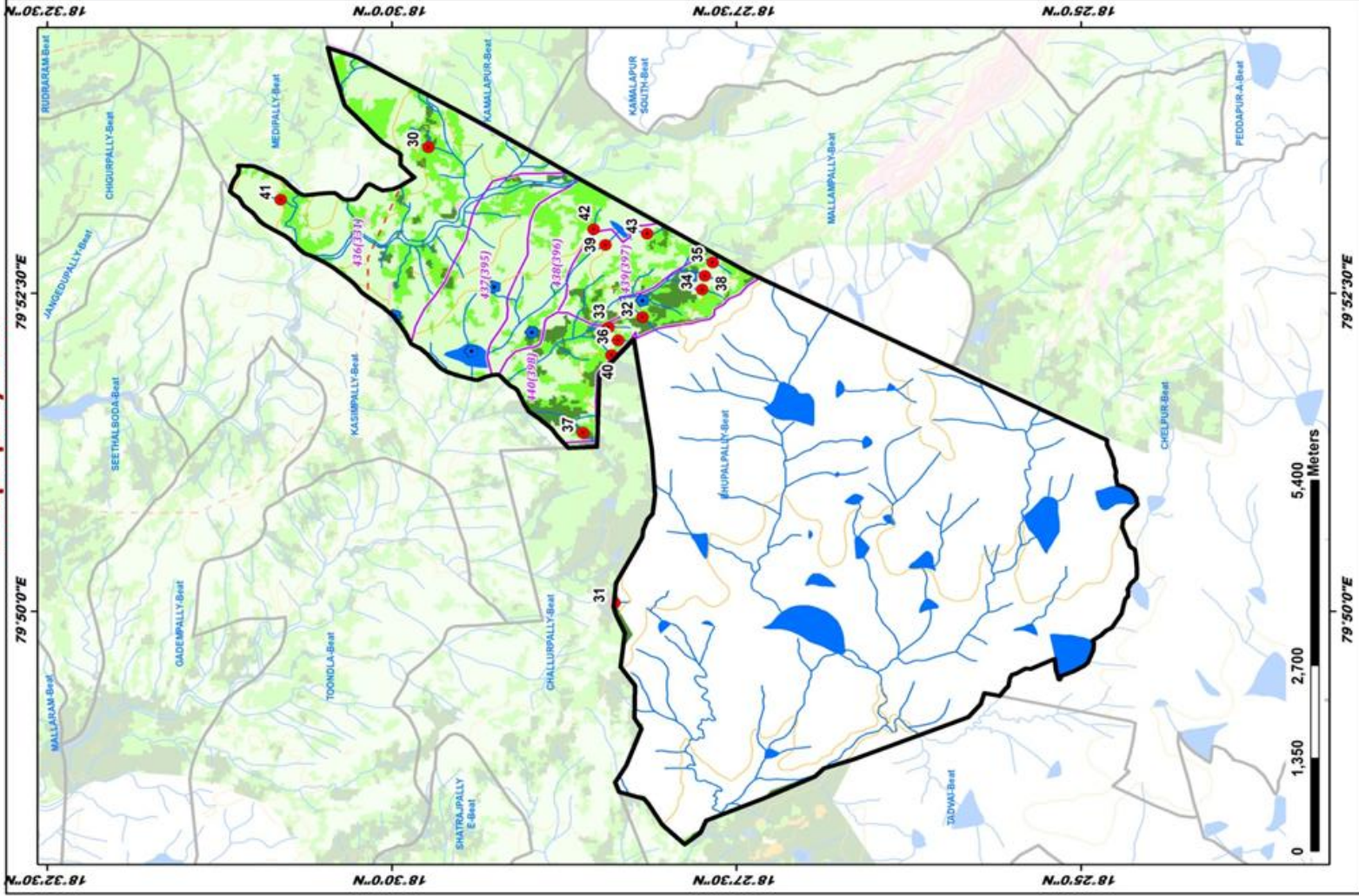
Division : Bhupalpally
Range : Bhupalpally



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



Division : Bhupalpally
Range : Bhupalpally



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
30	18.495590	79.894188	9.38	I
31	18.473004	79.836511	7.17	I
32	18.469698	79.871942	23.81	I
33	18.473827	79.870570	7.98	II
34	18.463500	79.875538	8.53	II
35	18.463205	79.879096	7.48	II
36	18.473651	79.868876	10.78	II
37	18.476883	79.856008	57.40	III
38	18.462140	79.877317	8.53	IV
39	18.474179	79.881405	19.53	IV
40	18.473443	79.869595	55.03	IV
41	18.513457	79.887320	9.20	IV
42	18.475622	79.883438	44.30	V
43	18.469147	79.882860	36.92	V

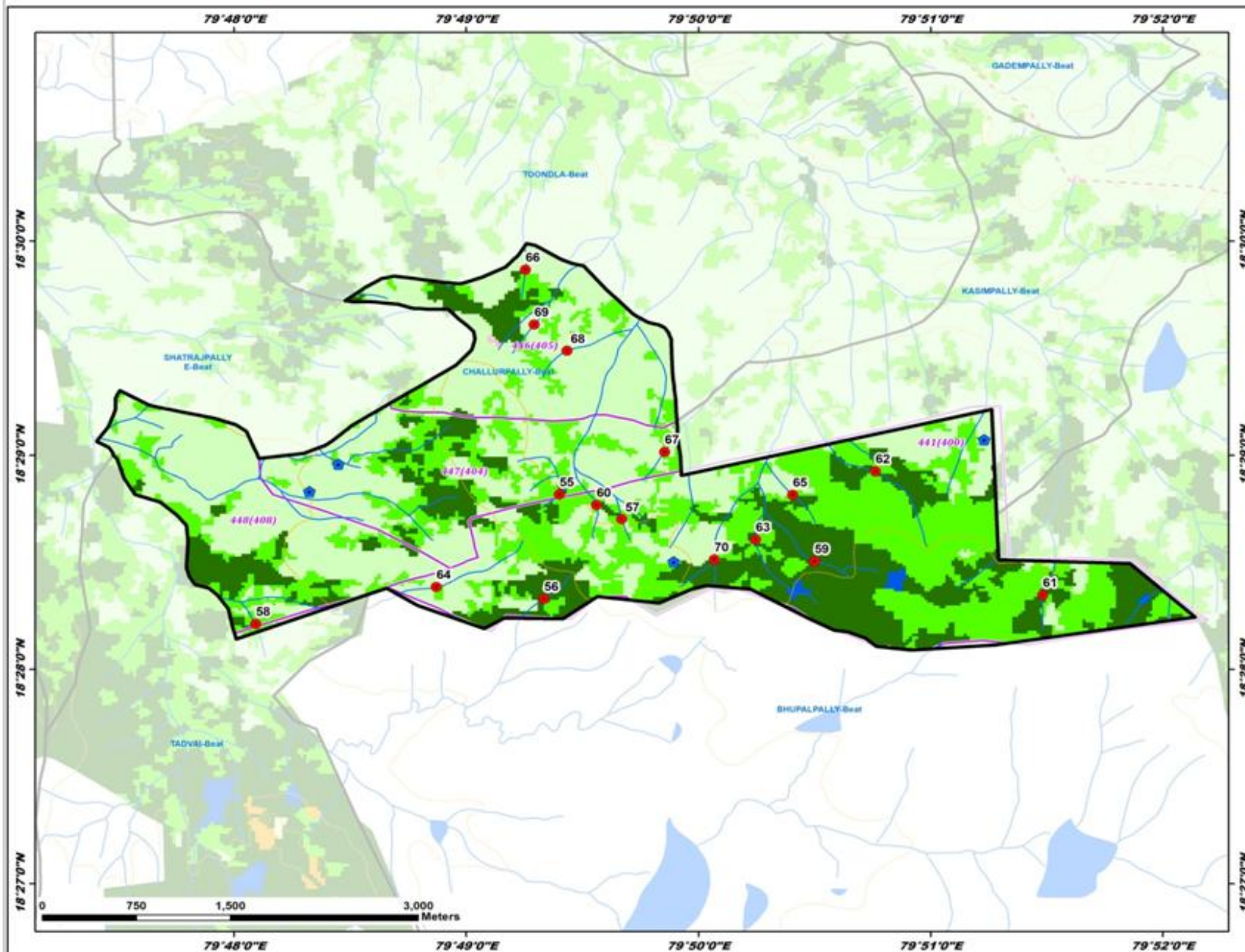
LEGEND

- Proposed PTs (Red dot)
- Existing CDPTs (Blue dot)
- Contours (Orange line)
- Streams (Blue line)
- Watershed Boundary (Dashed line)
- Compartment Boundary (Dotted line)
- Beat Boundary (Purple outline)
- Division Boundary (Black outline)

Suitability Index

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

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



Division : Bhupalpally
Range : Bhupalpally

ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
55	18.480283	79.823353	14.22	I
56	18.472159	79.822259	20.71	I
57	18.478378	79.827832	10.39	II
58	18.470214	79.801559	8.65	II
59	18.475091	79.841680	34.98	II
60	18.479463	79.826031	12.46	II
61	18.472452	79.858056	35.24	III
62	18.482096	79.846050	32.51	III
63	18.476787	79.837446	74.21	III
64	18.473079	79.814526	38.31	III
65	18.480258	79.840102	12.36	IV
66	18.487770	79.820922	12.22	IV
67	18.483593	79.830915	9.44	IV
68	18.491480	79.823909	12.89	IV
69	18.493507	79.821545	9.16	IV
70	18.475209	79.834483	29.41	V

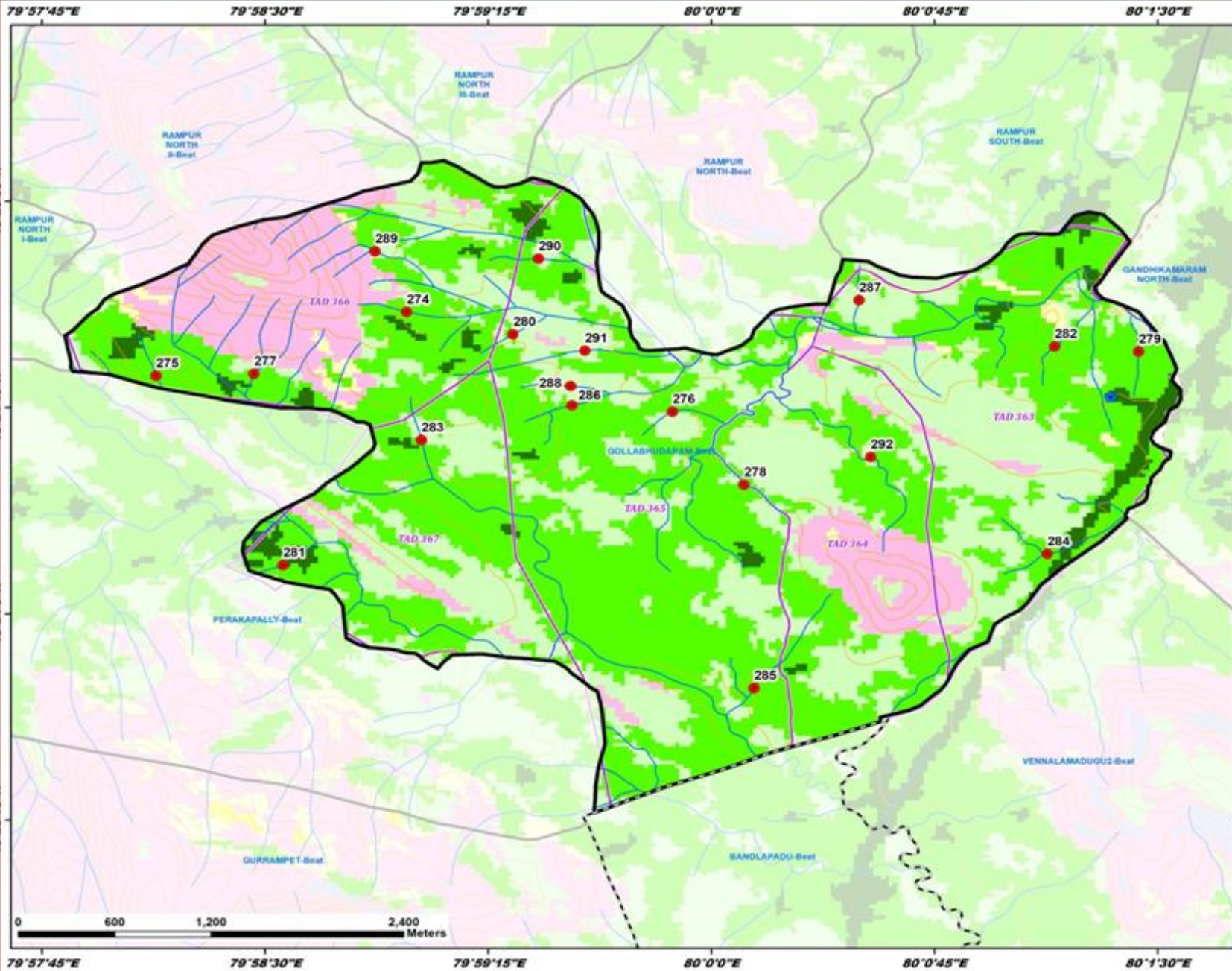
LEGEND

- 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 Gollabudaram Beat



Division : Bhupalpally
Range : Bhupalpally



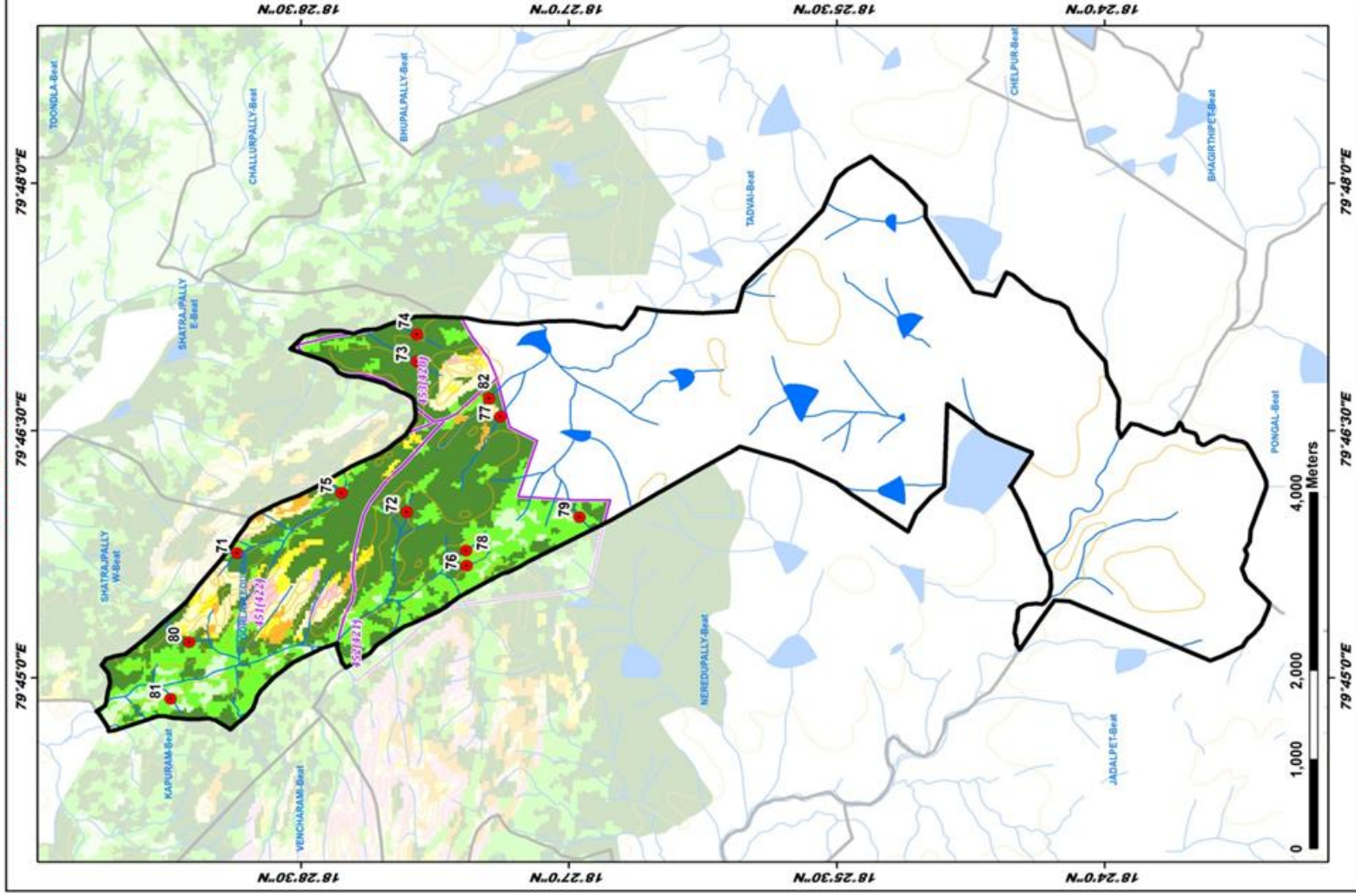
ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
274	18.418300	79.982941	18.56	II
275	18.414440	79.968893	10.02	II
276	18.412249	79.997826	5.01	II
277	18.414543	79.974387	15.69	II
278	18.407829	80.001836	14.79	II
279	18.415893	80.023949	8.62	II
280	18.416952	79.988900	7.34	II
281	18.402951	79.976009	9.90	II
282	18.416250	80.019241	19.53	II
283	18.410536	79.983766	16.38	II
284	18.403630	80.018834	45.76	III
285	18.399501	80.002404	45.74	III
286	18.412637	79.992197	27.62	III
287	18.419024	80.008280	19.51	IV
288	18.413806	79.992122	5.48	IV
289	18.421975	79.981174	11.54	IV
290	18.421525	79.990323	12.99	IV
291	18.415958	79.992931	26.94	V
292	18.409508	80.008934	56.45	V

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

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



Division : Bhupalpally
Range : Bhupalpally



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
71	18.48949	79.76266	13.22	I
72	18.46102	79.766797	11.03	I
73	18.464132	79.782018	9.61	I
74	18.464187	79.784739	12.18	I
75	18.471191	79.768720	18.86	I
76	18.459259	79.761384	16.34	II
77	18.458373	79.776443	49.38	II
78	18.459584	79.762896	9.00	II
79	18.448992	79.766291	20.00	II
80	18.455406	79.753622	17.40	II
81	18.487166	79.747920	15.72	II
82	18.451442	79.778288	51.83	IV

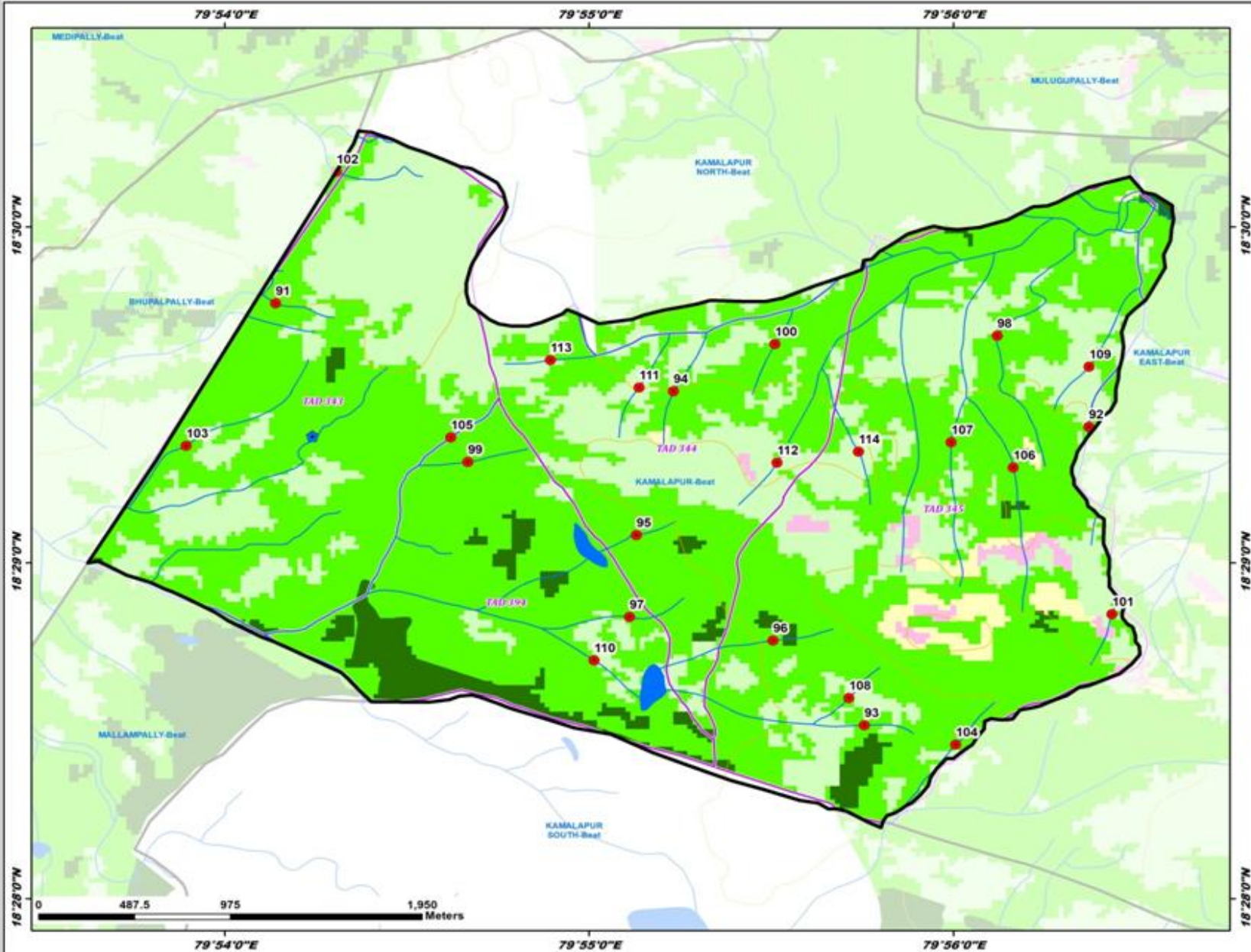
LEGEND

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

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



Division : Bhupalpally
Range : Bhupalpally



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
115	18.471744	79.958496	30.06	II
116	18.496404	79.948957	31.33	II
117	18.465509	79.956571	9.44	II
118	18.475411	79.952489	34.63	II
119	18.473500	79.956743	24.44	II
120	18.470357	79.961782	30.63	II
121	18.493238	79.943884	11.69	II
122	18.472526	79.937360	13.53	II
123	18.495499	79.950347	8.00	II
124	18.464765	79.961662	11.91	II
125	18.466997	79.946618	11.88	II
126	18.473465	79.943253	21.35	II
127	18.466250	79.944747	11.60	II
128	18.488787	79.951036	29.40	III
129	18.480813	79.942170	26.91	III
130	18.488854	79.943846	17.00	IV
131	18.482640	79.946325	6.04	IV
132	18.490402	79.947123	5.32	IV
133	18.485657	79.951306	42.38	V

LEGEND

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

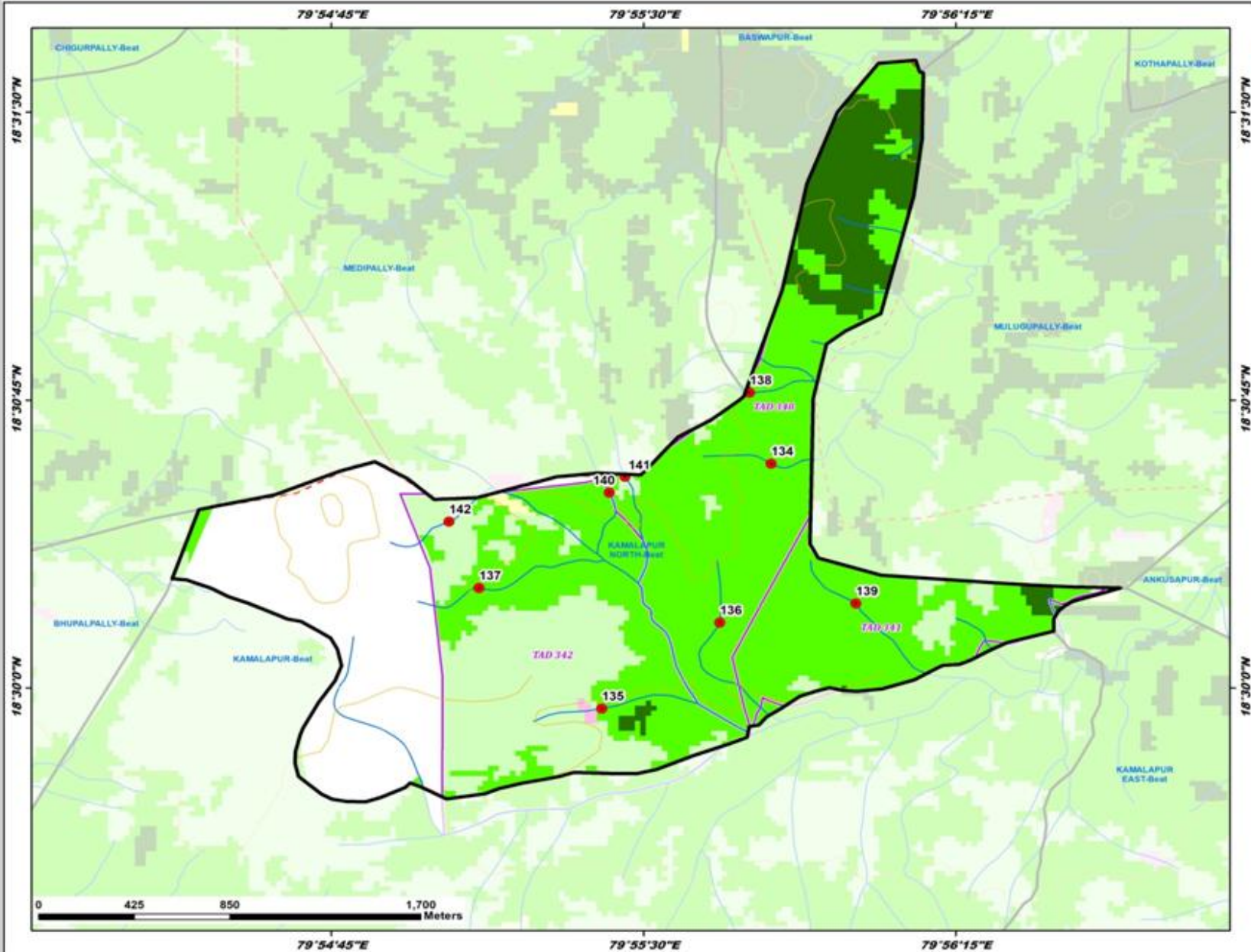
Suitability Index

- 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 Kamalapur North Beat



Division : Bhupalpally
Range : Bhupalpally



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
134	18.509751	79.930109	9.14	II
135	18.499125	79.923325	7.65	II
136	18.502856	79.928050	5.73	II
137	18.504351	79.926413	17.38	II
138	18.512833	79.929246	5.97	II
139	18.509485	79.933501	36.09	III
140	18.508491	79.923625	8.31	IV
141	18.509181	79.924253	7.84	IV
142	18.507236	79.917211	15.84	IV

LEGEND

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

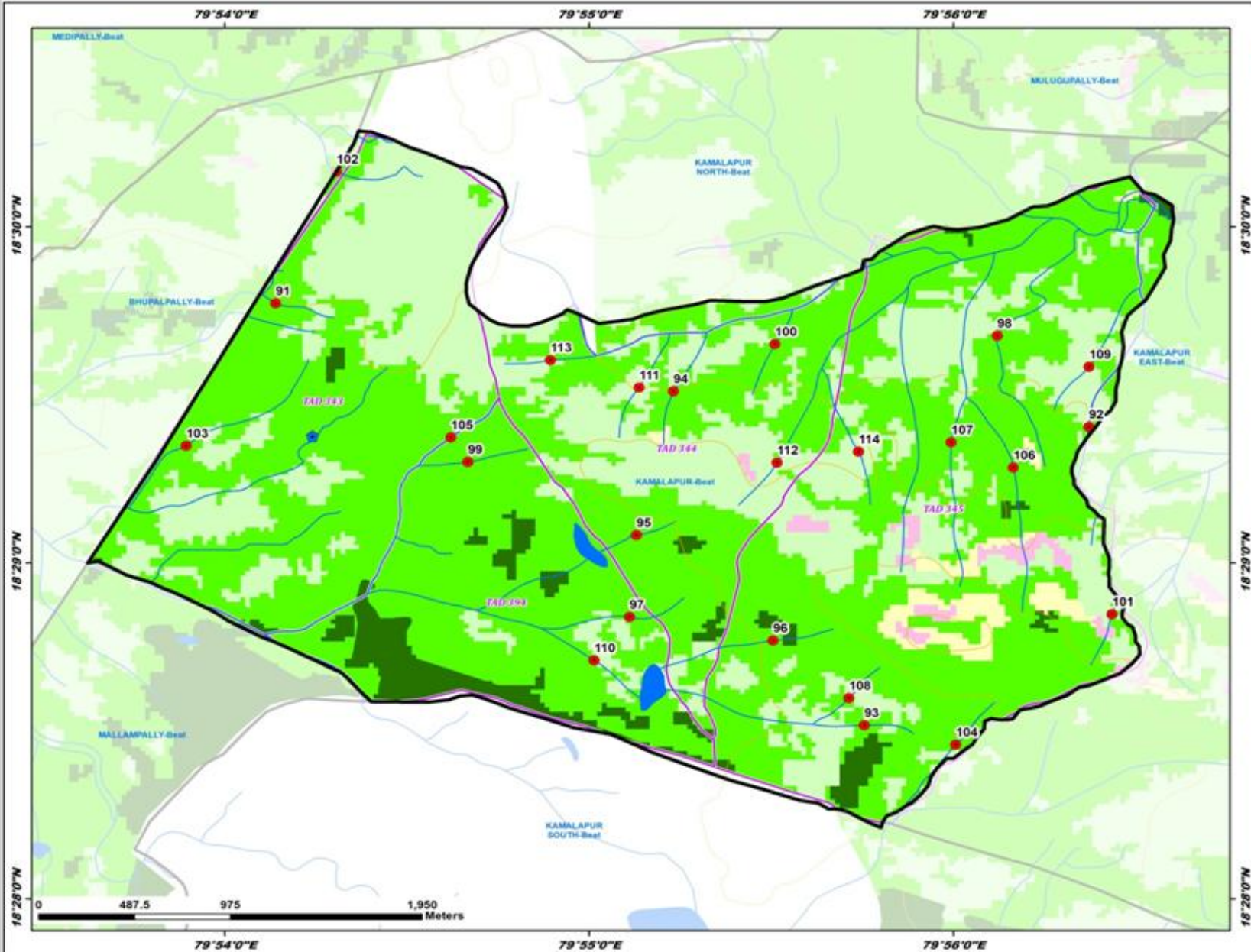
Suitability Index

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

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



Division : Bhupalpally
Range : Bhupalpally



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
91	18.496208	79.902329	8.71	II
92	18.490085	79.939537	5.55	II
93	18.475279	79.920264	21.82	II
94	18.491843	79.920524	10.47	II
95	18.484714	79.918835	19.10	II
96	18.479480	79.925090	19.56	II
97	18.480648	79.918515	22.79	II
98	18.494607	79.935345	15.05	II
99	18.488337	79.911123	19.59	II
100	18.494187	79.925174	24.71	II
101	18.480783	79.940589	20.07	II
102	18.502746	79.905109	30.22	III
103	18.489149	79.898233	44.63	III
104	18.474115	79.933448	27.79	III
105	18.489555	79.910340	28.84	III
106	18.488064	79.936078	38.70	III
107	18.489311	79.932325	29.21	III
108	18.476632	79.928556	16.79	IV
109	18.493068	79.939542	5.25	IV
110	18.478495	79.916900	98.28	IV
111	18.492036	79.918956	5.15	IV
112	18.488305	79.925265	16.25	IV
113	18.493391	79.914900	16.76	IV
114	18.488854	79.928997	23.79	IV

LEGEND

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

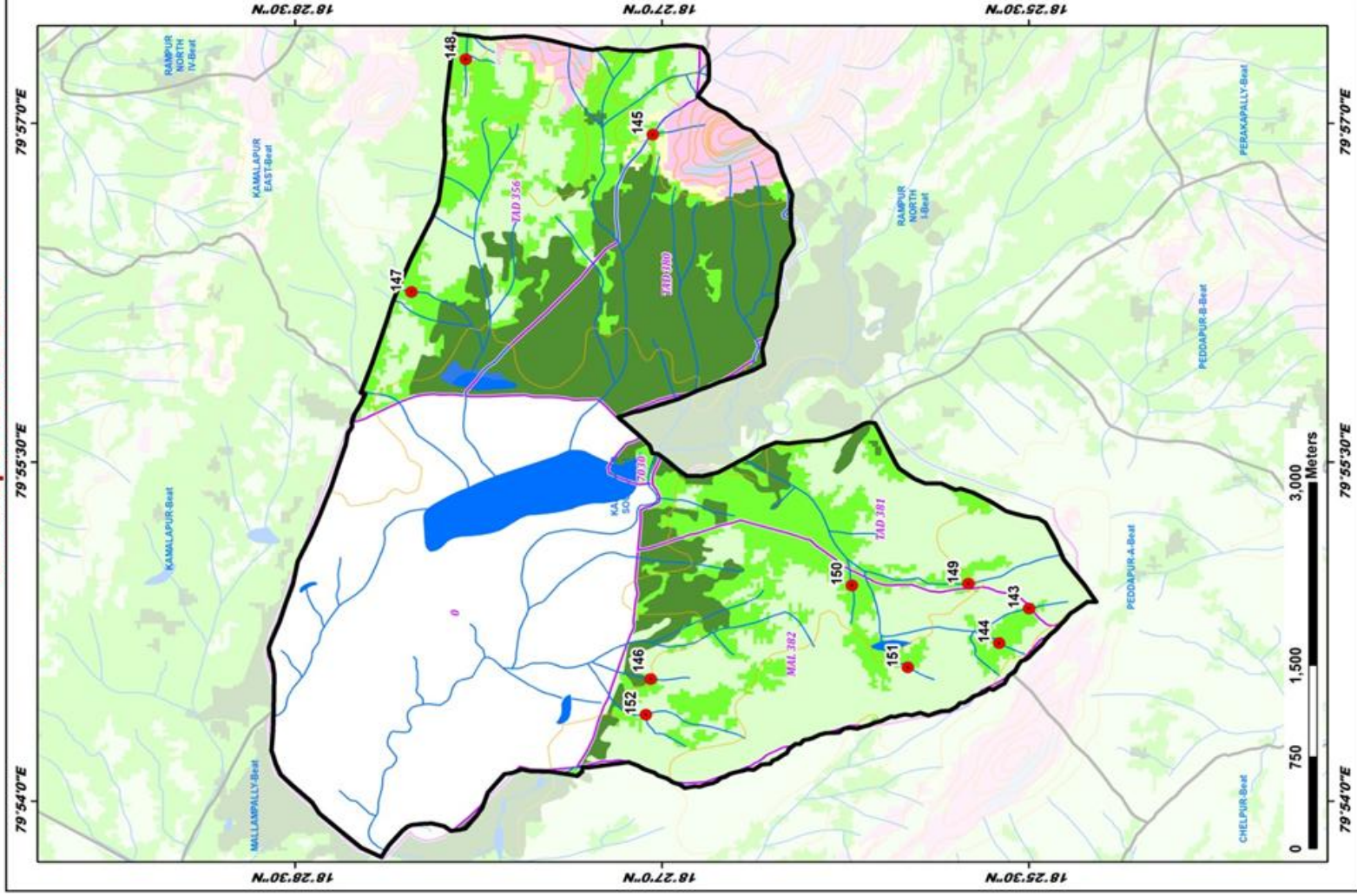
Suitability Index

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

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



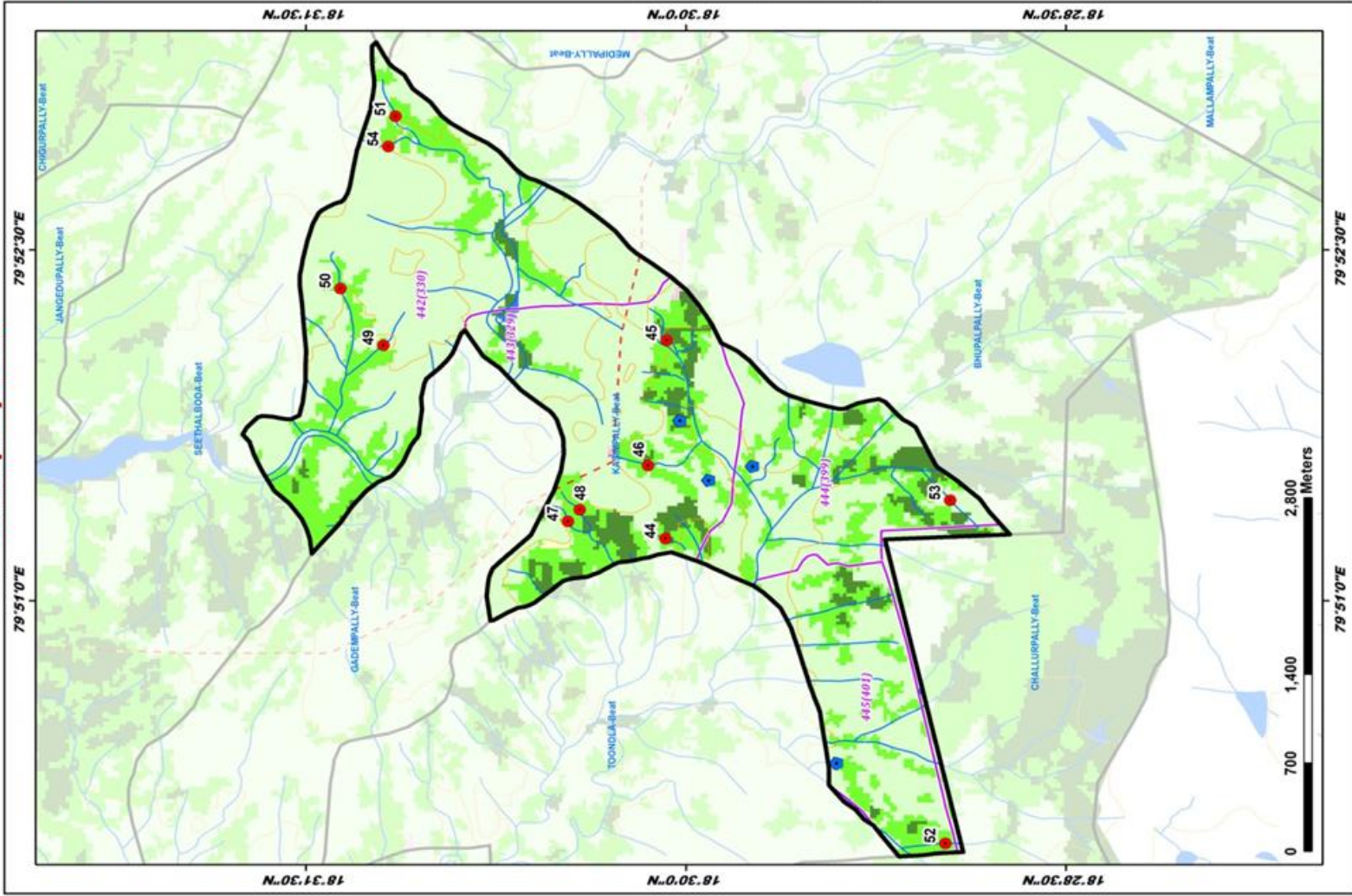
Division : Bhupalpally
Range : Bhupalpally



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



Division : Bhupalpally
Range : Bhupalpally



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
44	18.501346	79.854432	6.62	I
45	18.501269	79.866566	6.83	I
46	18.500489	79.859657	21.20	II
47	18.507756	79.855675	6.09	II
48	18.506990	79.856518	7.69	II
49	18.518896	79.866232	8.07	II
50	18.527715	79.872725	30.90	III
51	18.519098	79.885546	43.76	III
52	18.482927	79.832746	27.75	III
53	18.482619	79.857187	15.84	IV
54	18.519564	79.882389	56.36	IV

LEGEND

- Proposed PTIs
- Existing CDPTIs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat Boundary
- Division Boundary

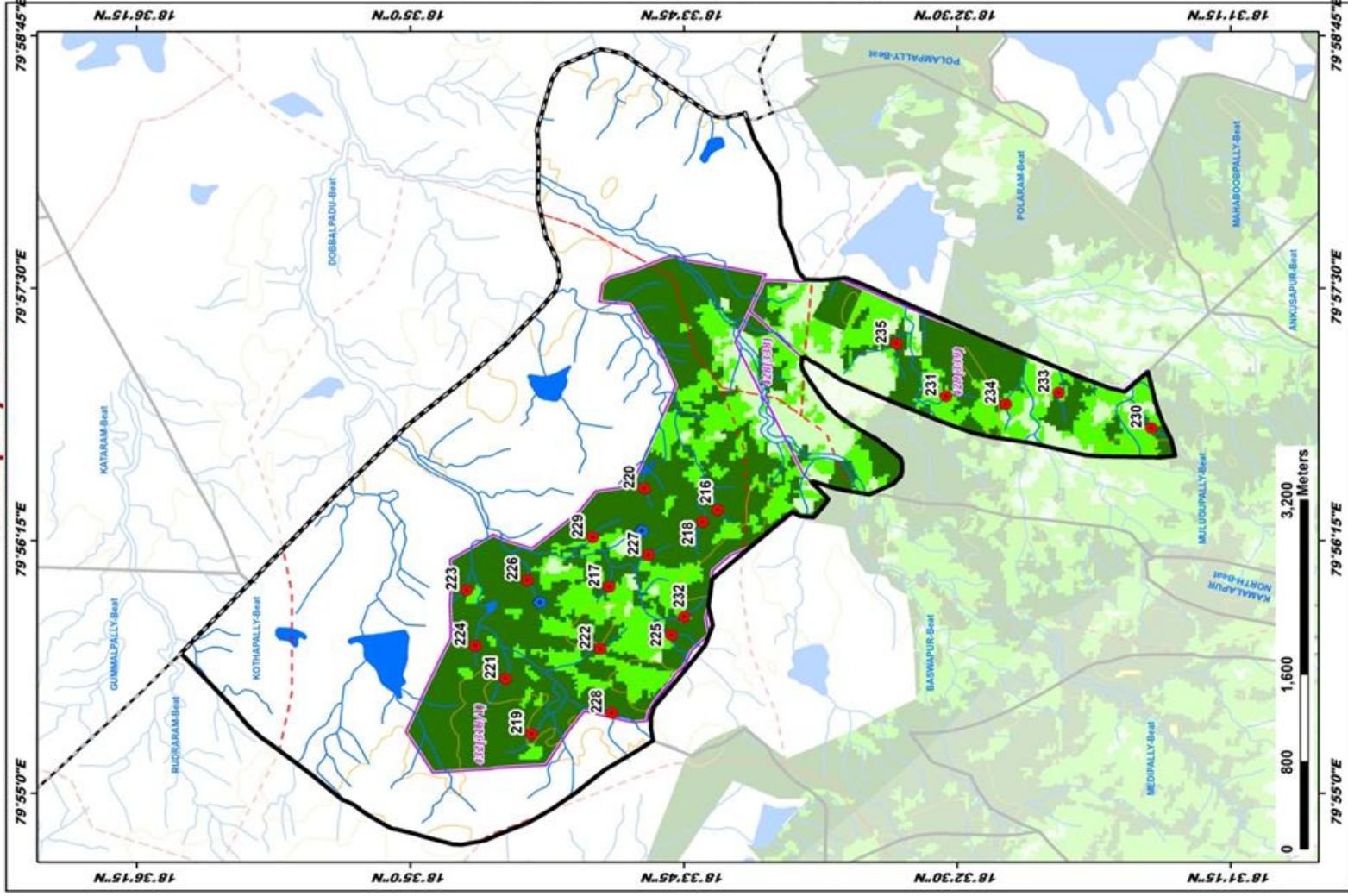
Suitability Index

- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTIs - Highly Suitable
- PTIs - Moderately Suitable
- PTIs - Least Suitable
- MPTIs and SGPs - Suitable
- Not Suitable
- Water Body

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



Division : Bhupalpally
Range : Bhupalpally



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
216	18.559901	79.940063	6.18	I
217	18.568172	79.935716	7.11	I
218	18.561060	79.939079	12.71	I
219	18.574097	79.921582	14.50	I
220	18.565496	79.941828	6.60	I
221	18.576073	79.926132	18.50	I
222	18.568871	79.928598	13.93	I
223	18.579041	79.933429	7.92	I
224	18.578396	79.928847	8.22	I
225	18.564444	79.925736	23.59	I
226	18.574425	79.934288	18.83	I
227	18.565185	79.936543	12.57	I
228	18.567991	79.932286	46.72	II
229	18.569443	79.937811	13.74	II
230	18.526848	79.946811	17.28	II
231	18.542503	79.949454	11.98	II
232	18.563464	79.931250	13.22	II
233	18.539913	79.949740	16.46	II
234	18.537952	79.948814	10.90	II
235	18.548296	79.953780	32.21	II

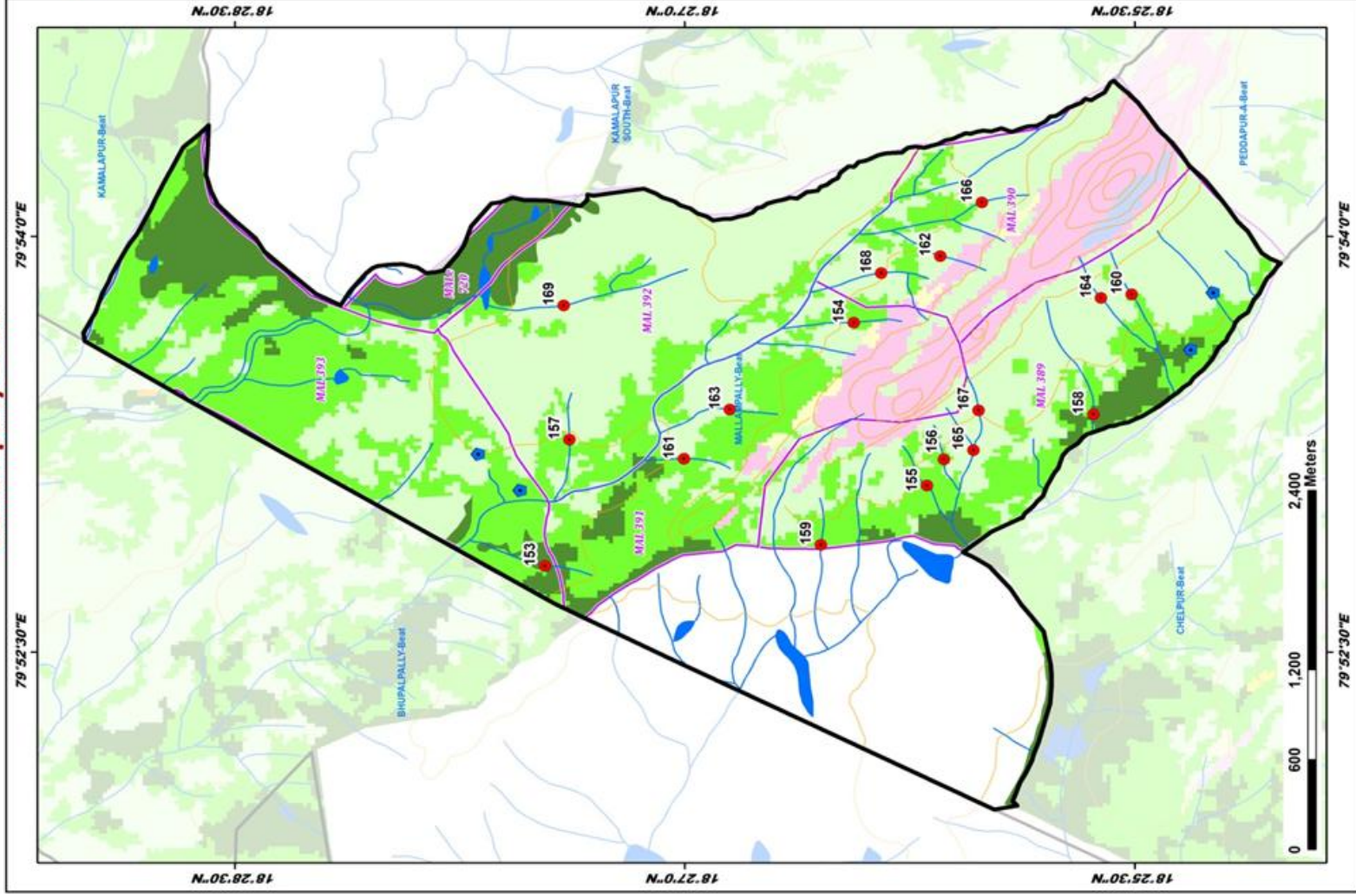
LEGEND

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

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



Division : Bhupalpally
Range : Bhupalpally



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
153	18.457768	79.880199	9.97	I
154	18.440613	79.894846	11.31	II
155	18.436548	79.885042	11.04	II
156	18.435604	79.886616	7.15	III
157	18.456403	79.887817	12.39	III
158	18.427301	79.889314	31.66	III
159	18.444340	79.881486	11.01	III
160	18.432161	79.896550	10.75	III
161	18.450042	79.886650	7.10	III
162	18.433810	79.898944	9.64	IV
163	18.447489	79.899621	15.21	IV
164	18.426873	79.896331	8.49	IV
165	18.433958	79.877169	21.30	IV
166	18.433496	79.900289	18.16	IV
167	18.433667	79.889561	8.41	IV
168	18.439091	79.877833	28.30	V
169	18.462723	79.895878	45.39	V

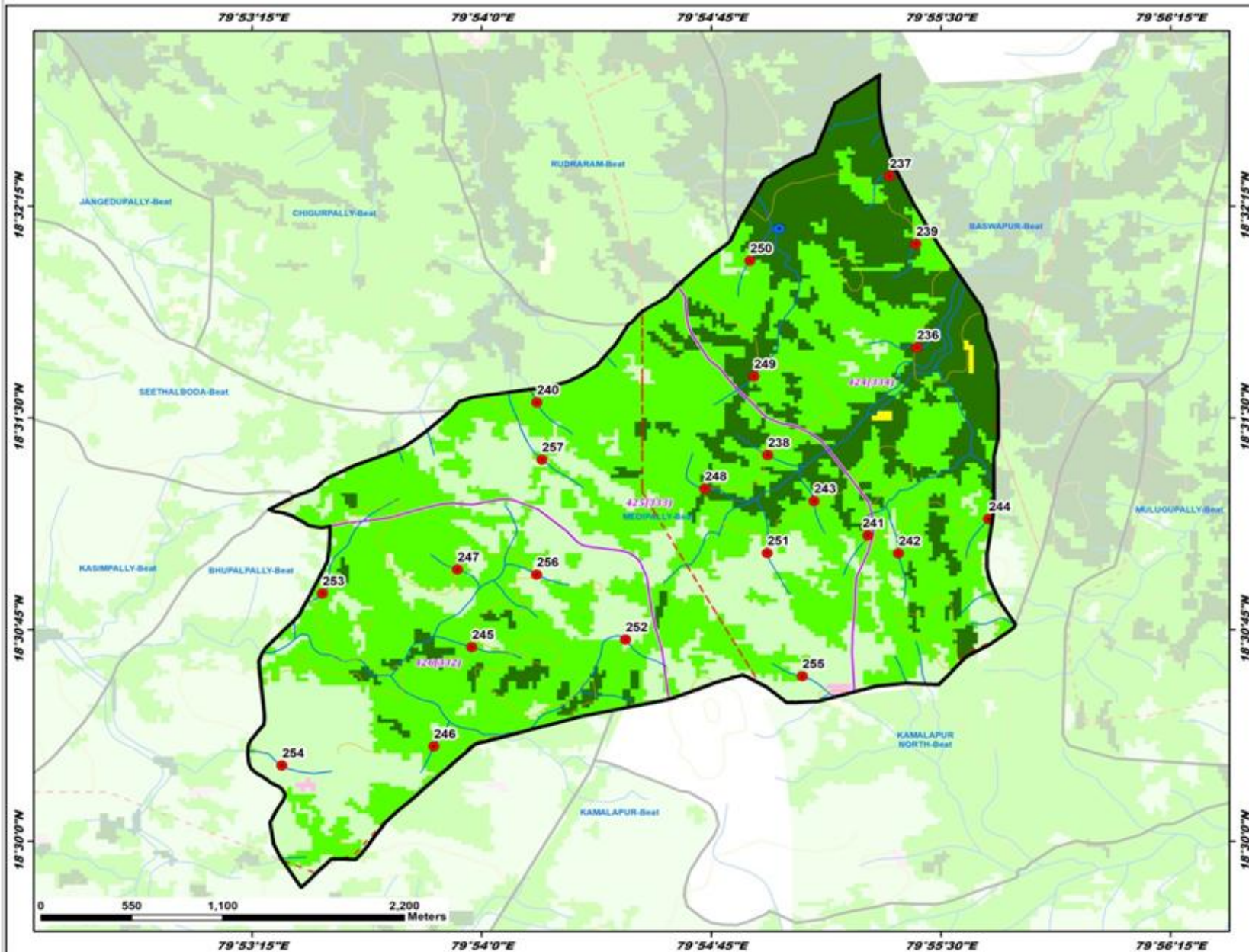
LEGEND

- Proposed PTs (Red dot)
 - Existing CDPTs (Blue dot)
 - Contours (Orange line)
 - Streams (Blue line)
 - Watershed Boundary (Black outline)
 - Compartment Boundary (Purple outline)
 - Beat Boundary (Black outline)
 - Division Boundary (Dashed black line)
- #### Suitability Index
- Highly Suitable (Dark Green)
 - Moderately Suitable (Light Green)
 - Least Suitable (Yellow)
 - Highly Suitable (Dark Green)
 - Moderately Suitable (Light Green)
 - Least Suitable (Yellow)
 - Not Suitable (Pink)
 - Not Suitable (Light Blue)
 - Water Body (Blue)

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



Division : Bhupalpally
Range : Bhupalpally



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
236	18.529167	79.523701	10.24	I
237	18.539299	79.522226	11.65	I
238	18.522817	79.515581	11.10	II
239	18.535279	79.523652	12.24	II
240	18.525919	79.503014	16.79	II
241	18.518067	79.521047	15.34	II
242	18.517014	79.522711	16.92	II
243	18.520095	79.518099	9.37	II
244	18.519045	79.527613	15.54	II
245	18.511468	79.899469	6.85	II
246	18.505606	79.897397	17.53	II
247	18.516059	79.898694	8.38	II
248	18.520834	79.512152	35.46	II
249	18.527458	79.514829	26.95	II
250	18.534284	79.514616	27.92	II
251	18.517027	79.515581	14.76	IV
252	18.511924	79.507851	20.30	IV
253	18.514646	79.891344	60.74	IV
254	18.504477	79.889133	21.56	IV
255	18.509746	79.517461	21.22	IV
256	18.515756	79.503001	7.68	IV
257	18.525337	79.503289	37.87	V

LEGEND

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

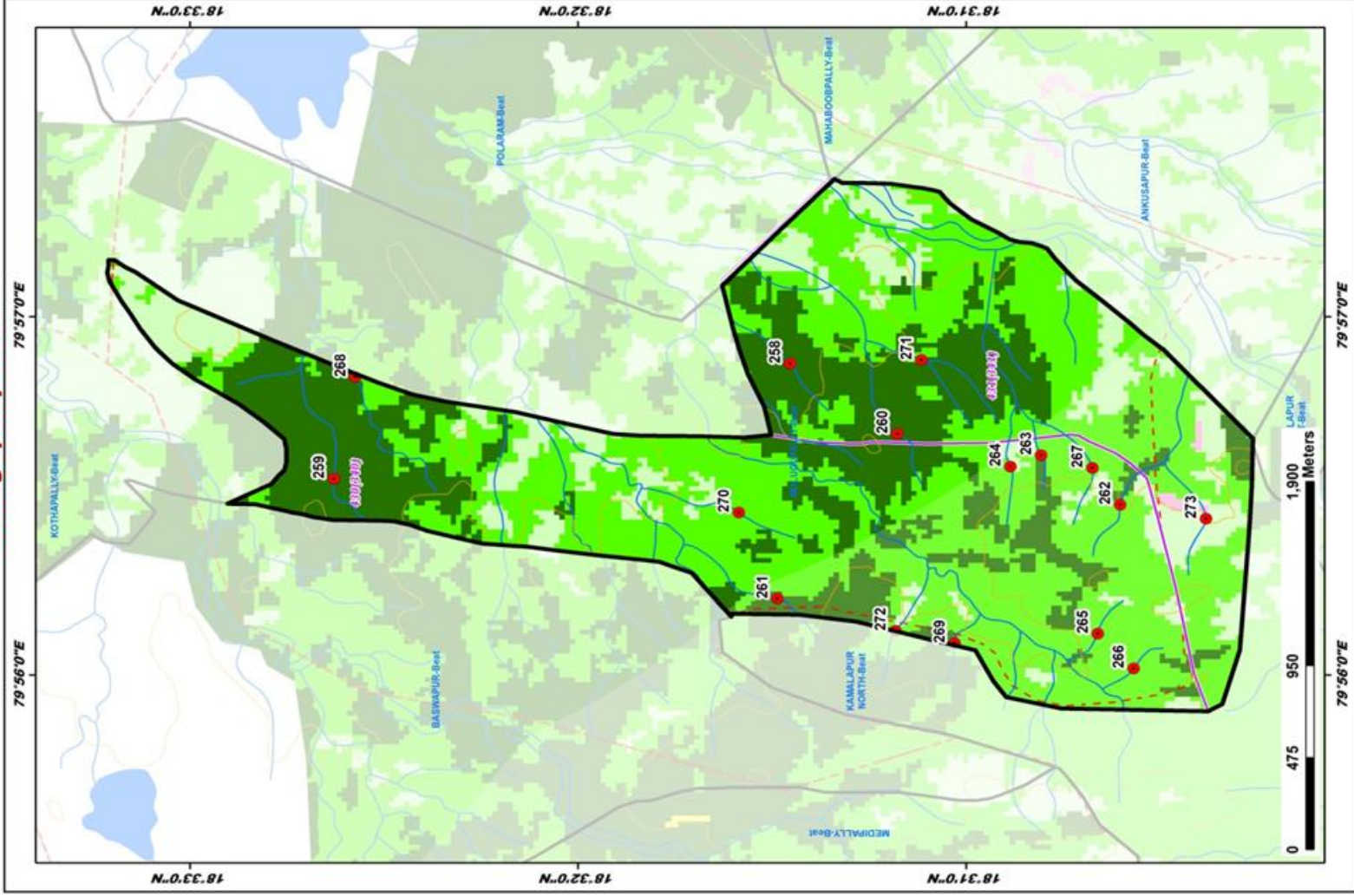
Suitability Index

- 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 Mulugupally Beat



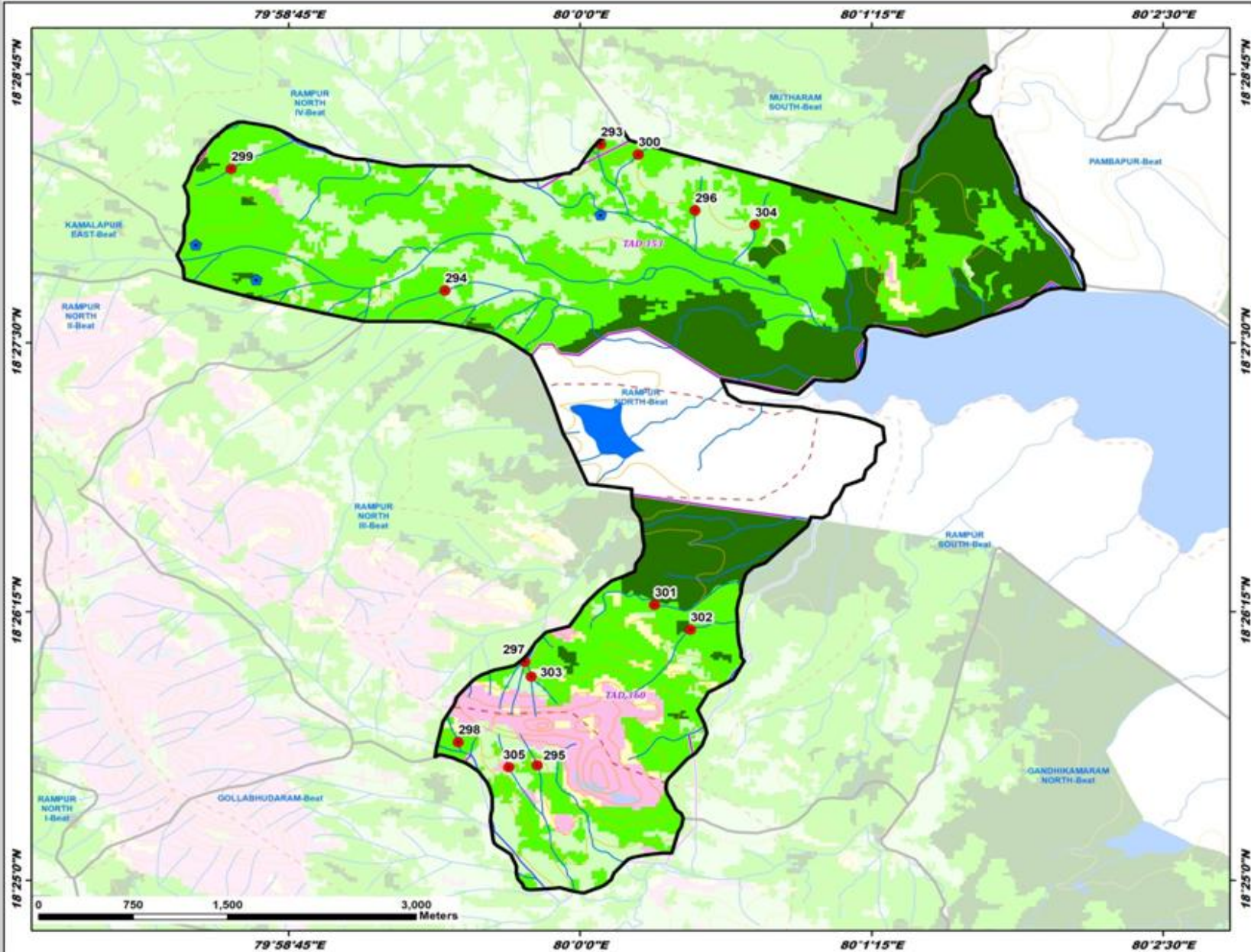
Division : Bhupalpally
Range : Bhupalpally



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



Division : Bhupalpally
Range : Bhupalpally



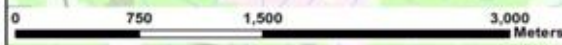
ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
293	18.473718	80.005473	20.97	II
294	18.462400	79.990341	20.35	II
295	18.425593	79.996929	6.94	II
296	18.468594	80.008217	13.69	II
297	18.433605	79.996060	10.55	II
298	18.427376	79.991296	6.37	II
299	18.471808	79.975057	30.07	III
300	18.472937	80.004166	42.56	III
301	18.438018	80.005328	35.71	III
302	18.436110	80.007893	38.65	III
303	18.432475	79.996507	19.67	IV
304	18.467500	80.012498	15.44	IV
305	18.425435	79.994901	8.95	IV

LEGEND

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

Suitability Index

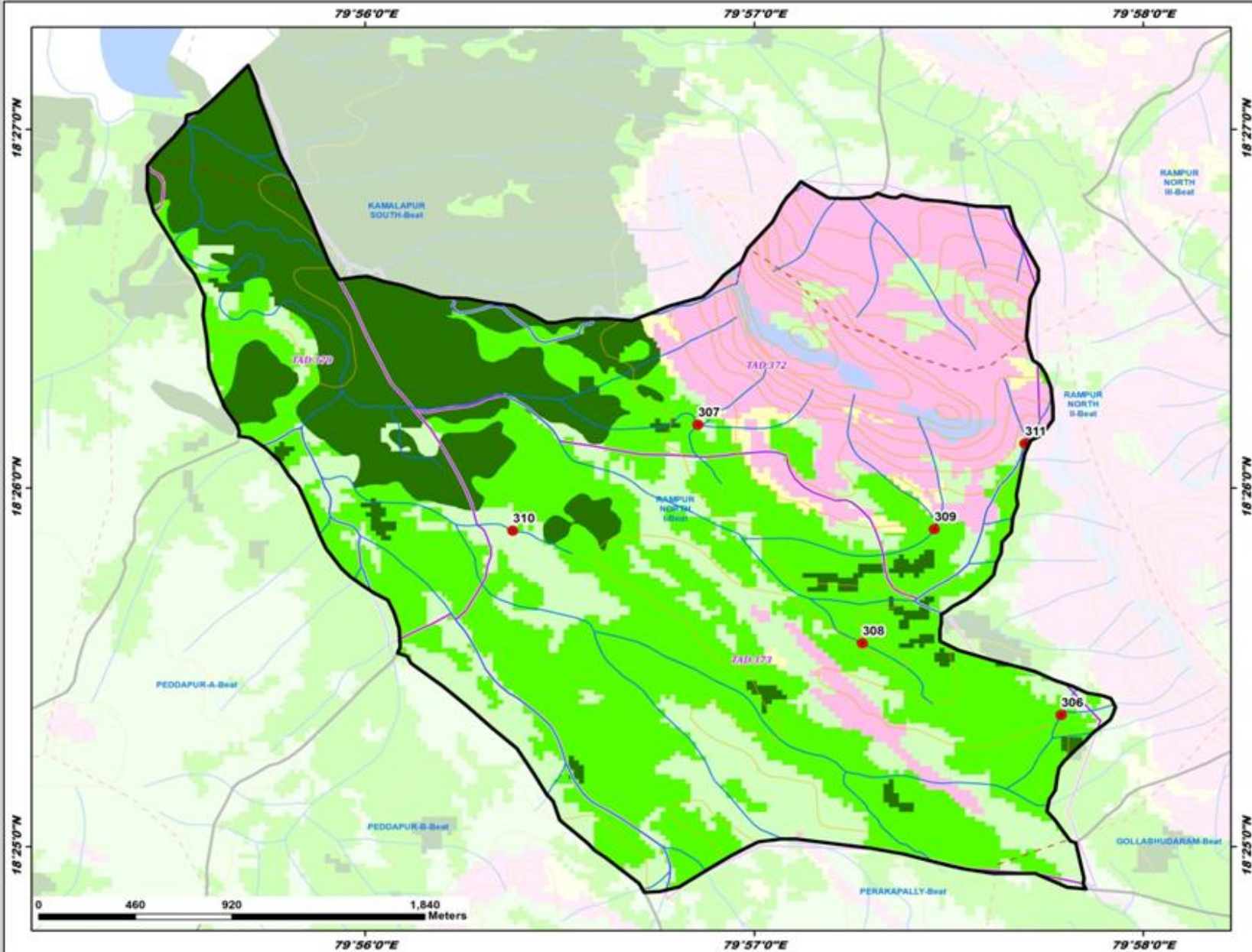
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body



Map Showing Suitability Index for Construction of SMC Works of Rampur North I Beat



Division : Bhupalpally
Range : Bhupalpally



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
306	18.422790	79.963166	15.39	II
307	18.436285	79.947590	20.97	II
308	18.426125	79.954645	35.91	III
309	18.431422	79.957722	41.59	III
310	18.431358	79.939663	18.46	IV
311	18.435399	79.961613	31.04	V

LEGEND

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

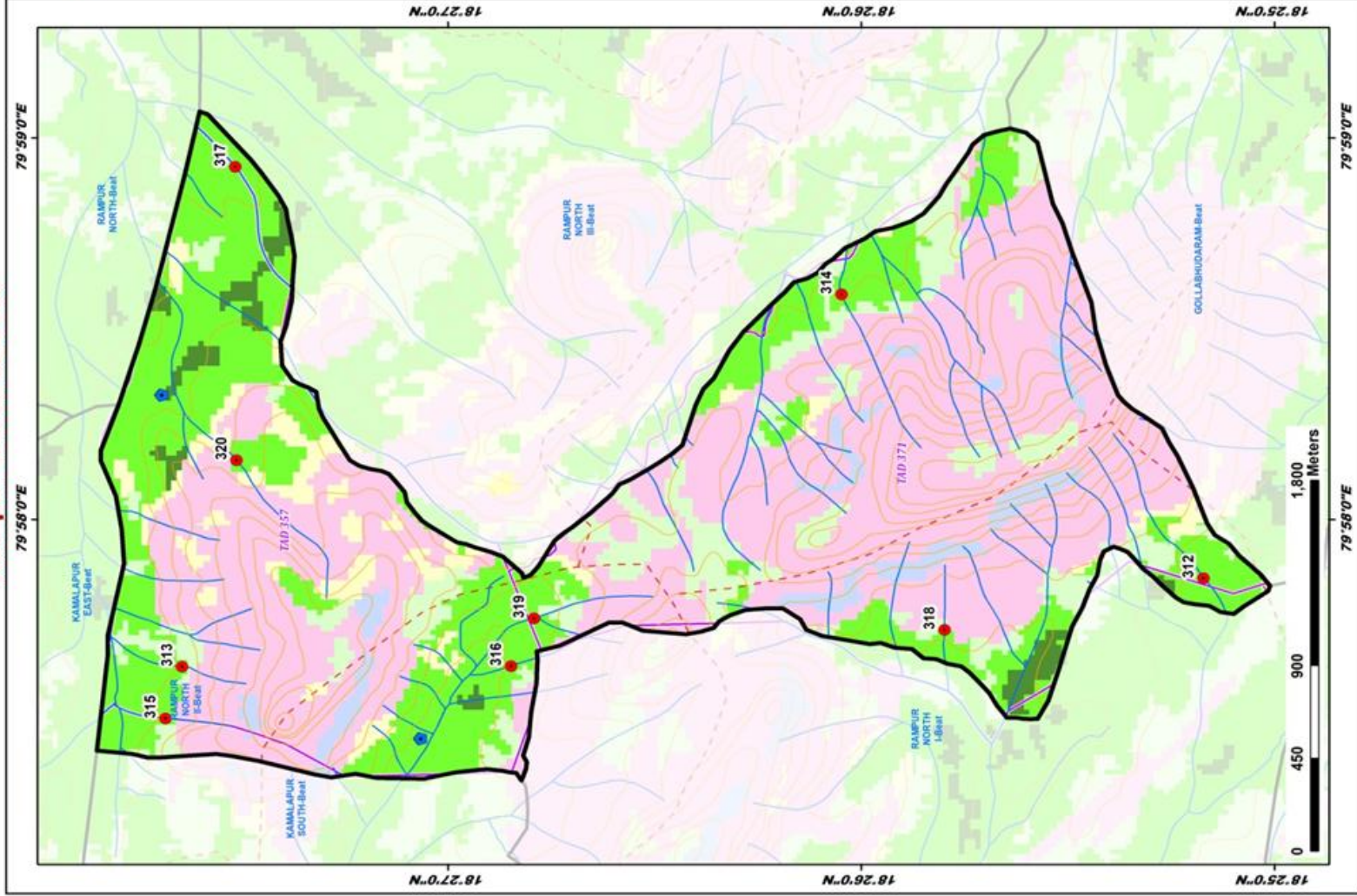
Suitability Index

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

Map Showing Suitability Index for Construction of SMC Works of Rampur North II Beat



Division : Bhupalpally
Range : Bhupalpally



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
312	18.419528	79.964121	19.52	II
313	18.460728	79.960259	5.21	II
314	18.434134	79.979532	14.25	II
315	18.461398	79.957997	5.59	II
316	18.447453	79.960288	5.15	II
317	18.455855	79.962096	22.18	II
318	18.429976	79.961865	8.70	II
319	18.446531	79.962374	17.81	II
320	18.455830	79.969278	29.28	III

LEGEND

- Proposed PTs (Red dot)
- Existing CDPTs (Blue dot)
- Contours (Brown line)
- Streams (Blue line)
- Watershed Boundary (Dashed black line)
- Compartment Boundary (Dotted black line)
- Beat Boundary (Thick solid black line)
- Division Boundary (Thin solid black line)

Suitability Index

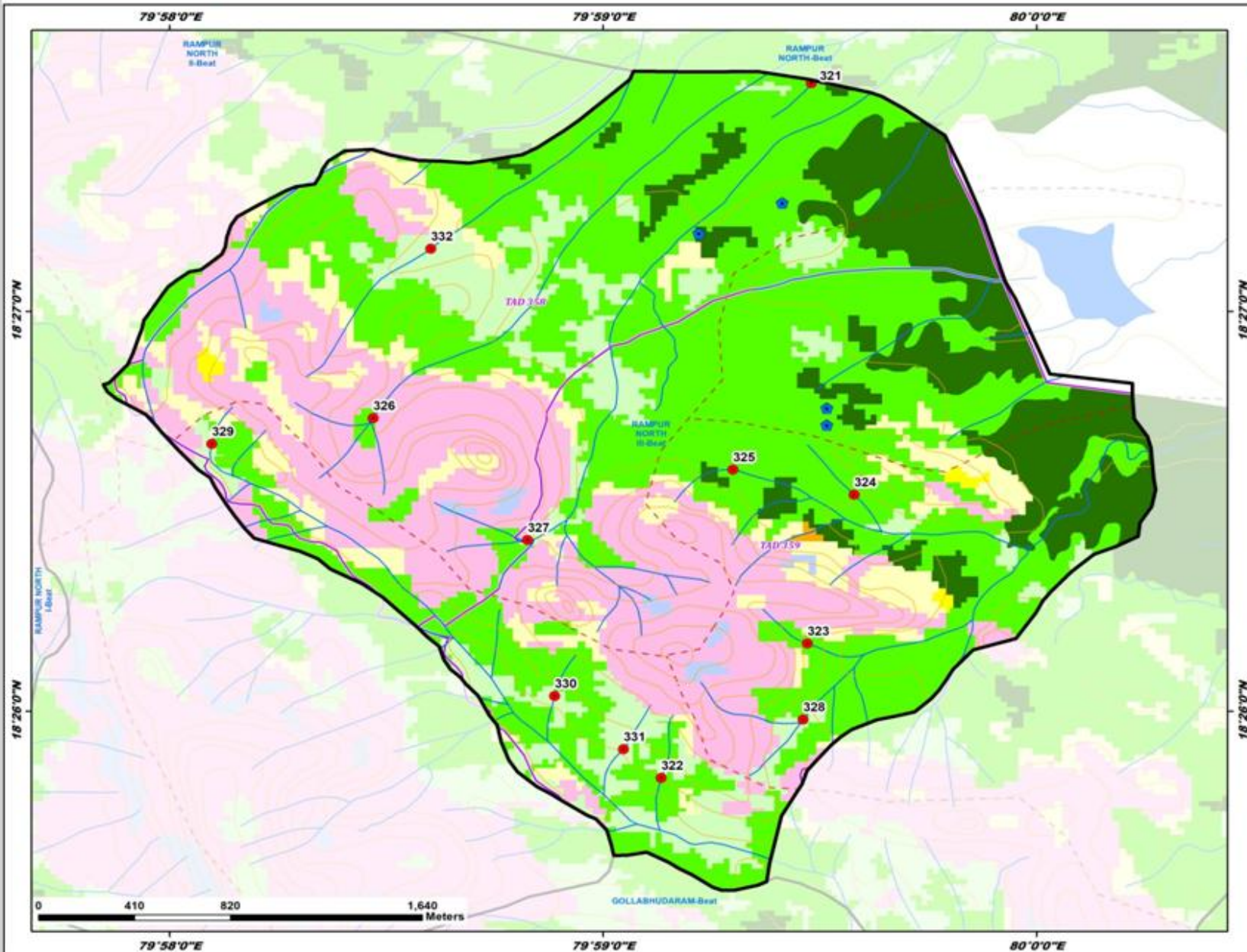
- CCTs/SCTs - Highly Suitable (Dark Green)
- CCTs/SCTs - Moderately Suitable (Light Green)
- CCTs/SCTs - Least Suitable (Yellow)
- PTs - Highly Suitable (Dark Green)
- PTs - Moderately Suitable (Light Green)
- PTs - Least Suitable (Yellow)
- MPTs and SGPs - Suitable (Pink)
- Not Suitable (Light Blue)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



Map Showing Suitability Index for Construction of SMC Works of Rampur North III Beat



Division : Bhupalpally
Range : Bhupalpally



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
321	18.459520	79.991352	5.36	II
322	18.430568	79.985577	9.43	II
323	18.436169	79.991198	14.38	II
324	18.442371	79.992994	7.35	II
325	18.443415	79.988331	10.52	II
326	18.445564	79.974493	24.73	II
327	18.440477	79.980439	16.64	IV
328	18.432997	79.991032	18.09	IV
329	18.444484	79.968296	5.30	IV
330	18.433977	79.981472	13.78	IV
331	18.431762	79.984121	7.78	IV
332	18.452621	79.976711	27.29	V

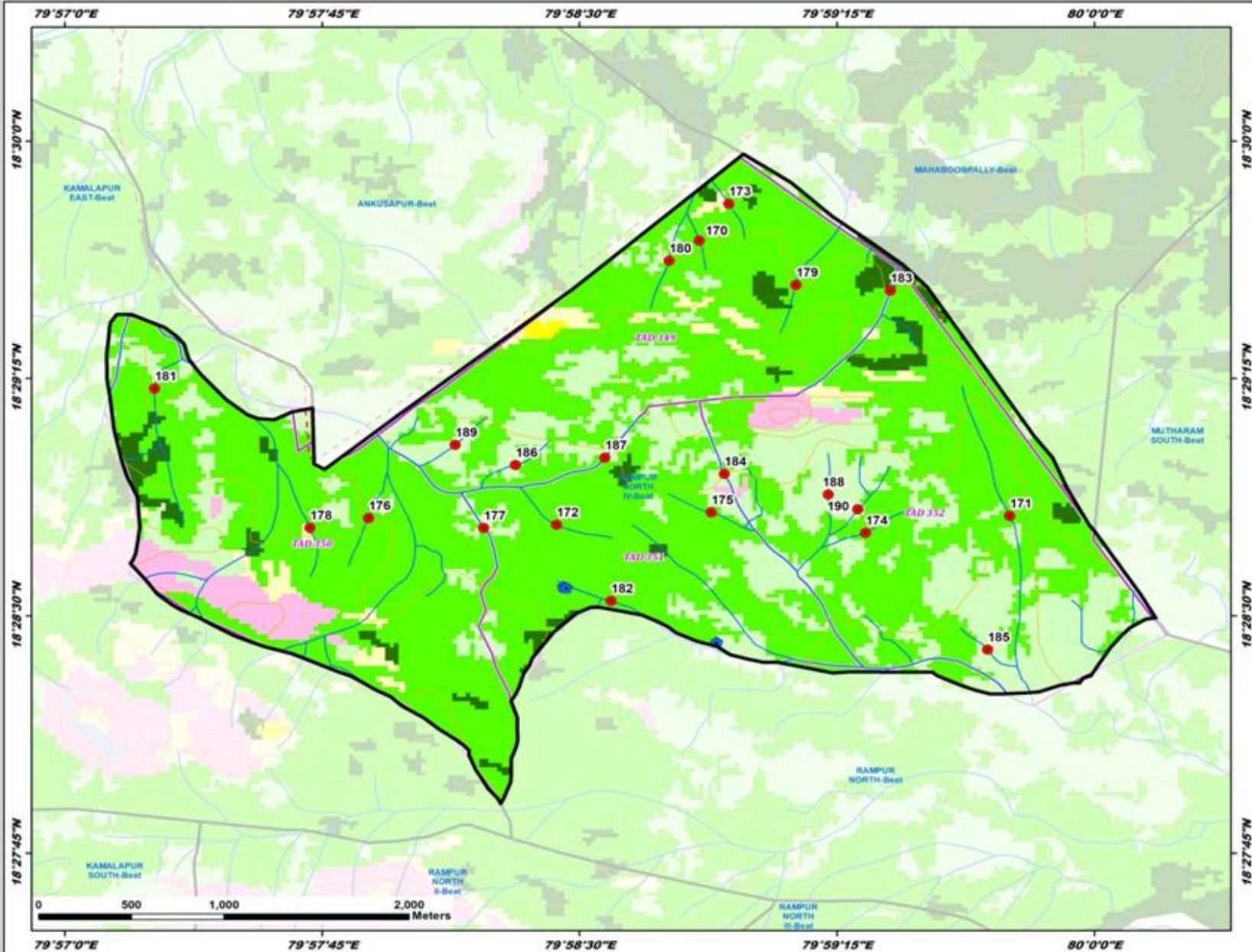
LEGEND

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

Map Showing Suitability Index for Construction of SMC Works of Rampur North IV Beat



Division : Bhupalpally
Range : Bhupalpally



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
170	18.494766	79.980821	29.31	II
171	18.480271	79.995908	20.59	II
172	18.479801	79.973881	30.52	II
173	18.496715	79.982254	11.33	II
174	18.479383	79.988903	9.66	II
175	18.480448	79.981410	34.25	II
176	18.480156	79.964790	13.51	II
177	18.479632	79.970346	15.04	II
178	18.479647	79.961908	9.87	II
179	18.482444	79.985518	19.59	II
180	18.483712	79.979356	17.99	II
181	18.486977	79.954360	44.60	III
182	18.475790	79.976533	46.73	III
183	18.492144	79.990107	53.87	IV
184	18.482489	79.982038	20.38	IV
185	18.473230	79.994826	12.05	IV
186	18.482947	79.971890	15.25	IV
187	18.483342	79.976246	19.07	IV
188	18.483400	79.987086	8.49	IV
189	18.484014	79.968962	24.02	IV
190	18.480617	79.988528	30.52	V

LEGEND

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

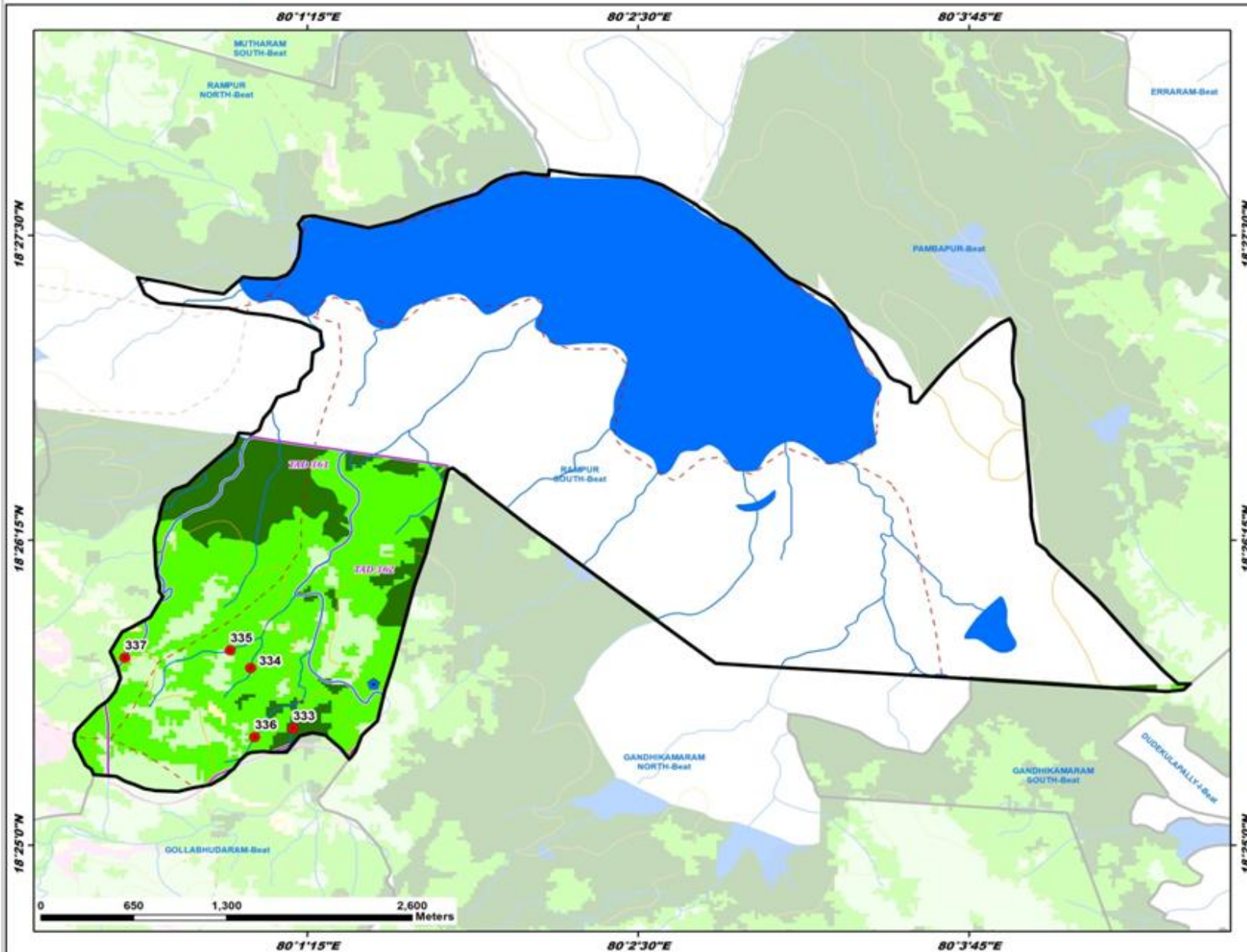
Suitability Index

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

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



Division : Bhupalpally
Range : Bhupalpally



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
333	18.424654	80.019920	9.76	I
334	18.428771	80.017265	21.86	II
335	18.429976	80.015972	36.07	III
336	18.424951	80.017511	26.11	III
337	18.429484	80.009537	62.93	IV

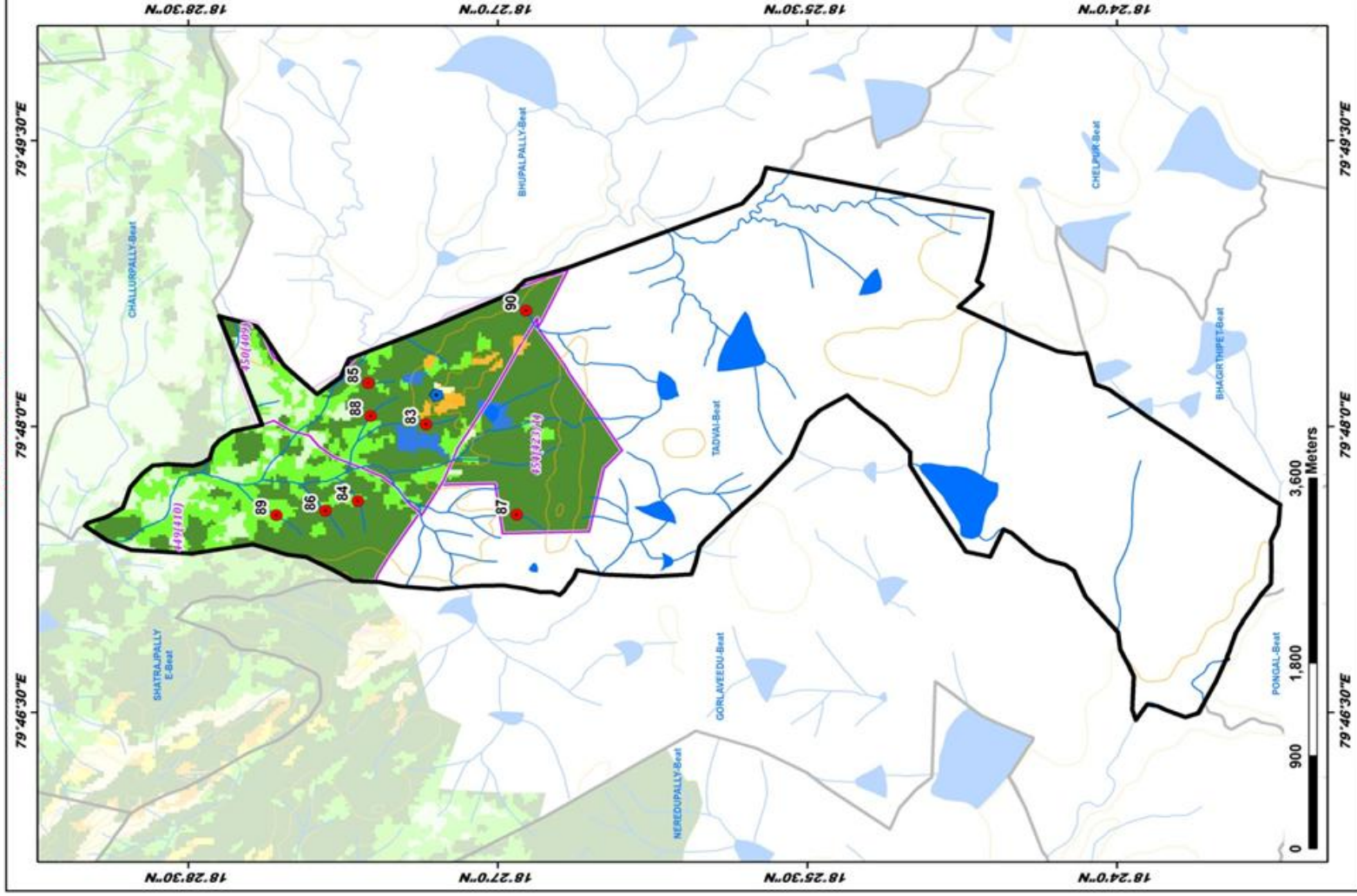
LEGEND

- 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 Tadvai Beat



Division : Bhupalpally
Range : Bhupalpally



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
83	18.455794	79.800214	7.03	I
84	18.461311	79.793500	13.05	I
85	18.460405	79.803826	23.19	I
86	18.463918	79.793560	14.55	I
87	18.448863	79.793308	10.97	I
88	18.460270	79.800939	7.36	I
89	18.467883	79.793279	22.45	II
90	18.447717	79.803146	88.44	III

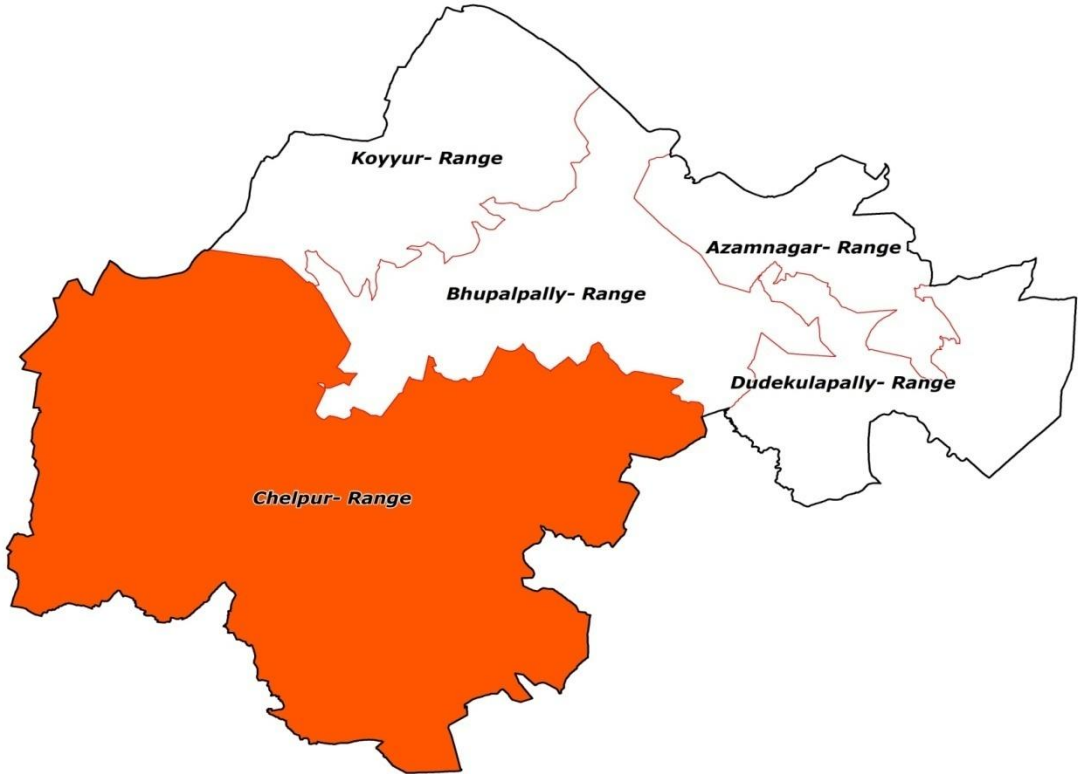
LEGEND

- Proposed PTs
- Existing CDPTs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat Boundary
- Division Boundary

Suitability Index

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

Map Showing Chelpur Range in Bhupalpally Division

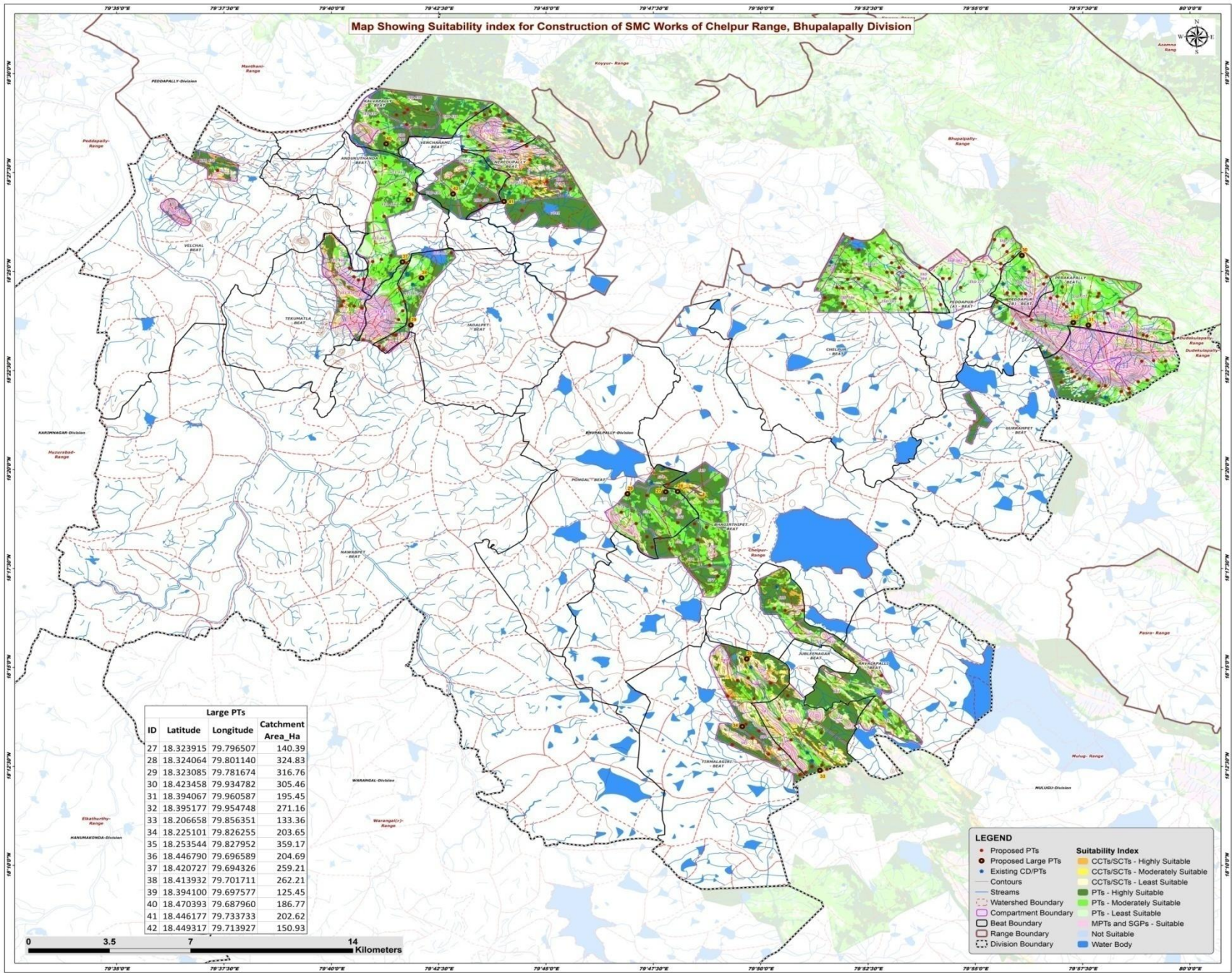


Legend

- Division Boundary
- Range Boundary

0 5 10 20 Kilometers

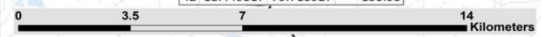
Map Showing Suitability index for Construction of SMC Works of Chelpur Range, Bhupalapally Division



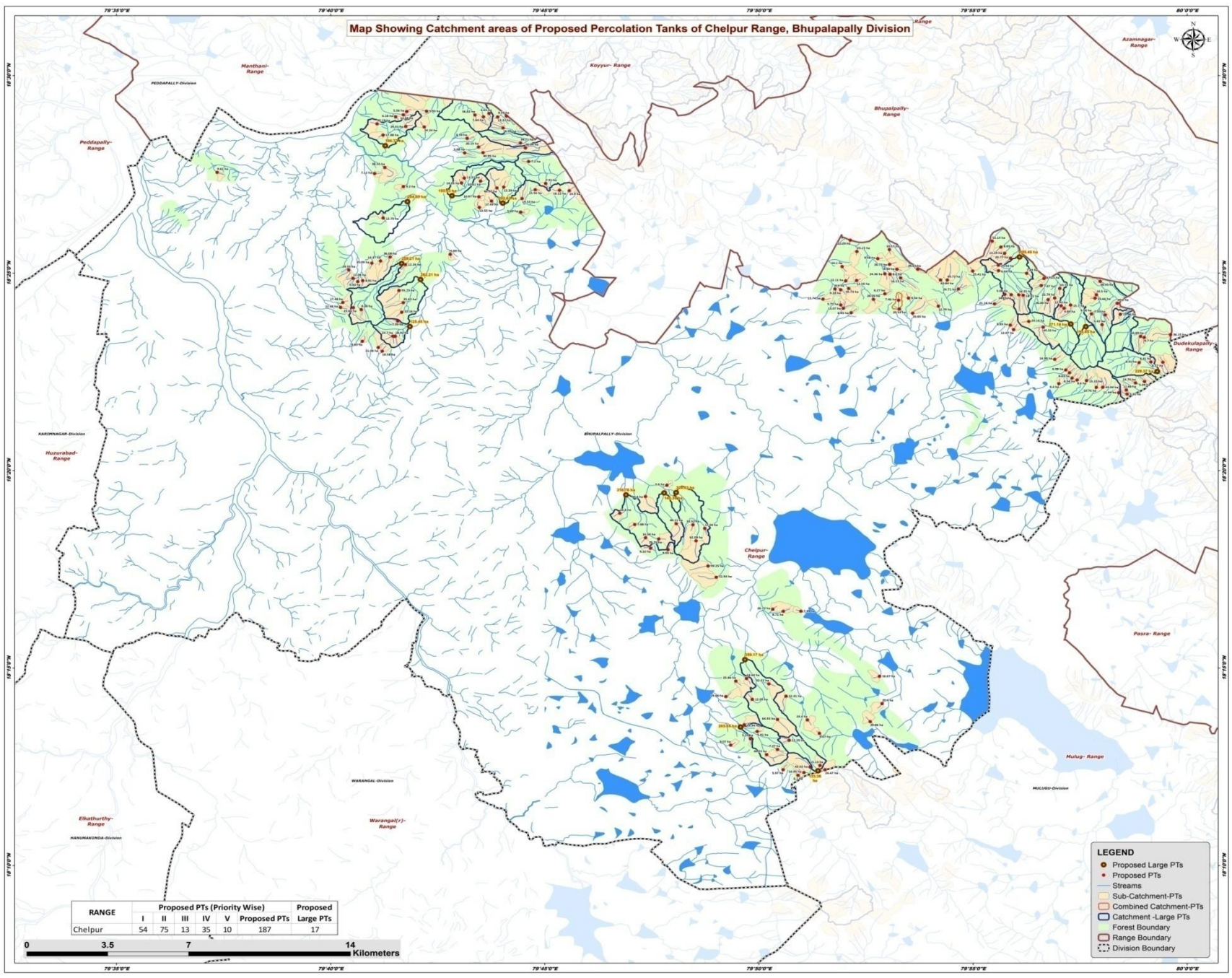
Large PTs			
ID	Latitude	Longitude	Catchment Area_Ha
27	18.323915	79.796507	140.39
28	18.324064	79.801140	324.83
29	18.323085	79.781674	316.76
30	18.423458	79.934782	305.46
31	18.394067	79.960587	195.45
32	18.395177	79.954748	271.16
33	18.206658	79.856351	133.36
34	18.225101	79.826255	203.65
35	18.253544	79.827952	359.17
36	18.446790	79.696589	204.69
37	18.420727	79.694326	259.21
38	18.413932	79.701711	262.21
39	18.394100	79.697577	125.45
40	18.470393	79.687960	186.77
41	18.446177	79.733733	202.62
42	18.449317	79.713927	150.93

LEGEND

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



Map Showing Catchment areas of Proposed Percolation Tanks of Chelpur Range, Bhupalapally Division



RANGE	Proposed PTs (Priority Wise)					Proposed Large PTs
	I	II	III	IV	V	
Chelpur	54	75	13	35	10	187
						17



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

Beat wise Abstract of Proposed PT's – Chelpur Range

S. No.	Beat	Proposed PT's
1	ANDUKUTHANDA	7
2	BHAGIRTHIPET	7
3	CHELPUR	27
4	GURRAMPET	17
5	JADALPET	6
6	JUBLEENAGAR	9
7	KALVAPALLY	9
8	NAWABPET	5
9	NEREDUPALLY	11
10	PEDDAPUR-A	10
11	PEDDAPUR-B	7
12	PERAKAPALLY	22
13	PONGAL	7
14	RAVALAPALLI	6
15	TEKUMATLA	8
16	TIRMALAGIRI	13
17	VELCHAL	1
18	VENCHARAMI	15
	Total	187

List of Proposed PTs – Chelpur 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
338	18.327131	79.797579	5.60	I	BHAGIRTHIPET	378	18.399757	79.893204	33.65	V	CHELPUR	418	18.399473	79.962792	9.58	II	PERAKAPALLY
339	18.299945	79.798009	9.93	I	BHAGIRTHIPET	379	18.380302	79.948501	14.99	I	GURRAMPET	419	18.403926	79.972850	20.20	II	PERAKAPALLY
340	18.308949	79.812313	17.04	II	BHAGIRTHIPET	380	18.370022	79.950070	9.40	I	GURRAMPET	420	18.394926	79.966928	5.42	II	PERAKAPALLY
341	18.310460	79.807712	33.52	II	BHAGIRTHIPET	381	18.365576	79.976670	5.21	I	GURRAMPET	421	18.403648	79.925072	21.18	II	PERAKAPALLY
342	18.293081	79.813607	59.25	III	BHAGIRTHIPET	382	18.372389	79.955243	8.56	I	GURRAMPET	422	18.396281	79.938392	24.16	II	PERAKAPALLY
343	18.303707	79.808907	62.09	III	BHAGIRTHIPET	383	18.370919	79.983454	5.39	I	GURRAMPET	423	18.402870	79.950949	12.42	II	PERAKAPALLY
344	18.288319	79.816790	52.94	IV	BHAGIRTHIPET	384	18.375812	79.952774	6.98	I	GURRAMPET	424	18.403204	79.954665	15.70	II	PERAKAPALLY
345	18.304979	79.789282	16.58	I	PONGAL	385	18.368444	79.964674	10.76	II	GURRAMPET	425	18.389965	79.981873	16.69	II	PERAKAPALLY
346	18.300560	79.791256	9.16	I	PONGAL	386	18.367335	79.976370	11.66	II	GURRAMPET	426	18.407514	79.964694	18.50	II	PERAKAPALLY
347	18.304499	79.794361	26.21	II	PONGAL	387	18.366172	79.973356	11.44	II	GURRAMPET	427	18.410218	79.950471	10.73	II	PERAKAPALLY
348	18.310938	79.801197	40.11	II	PONGAL	388	18.379044	79.990601	6.57	II	GURRAMPET	428	18.393895	79.944002	49.33	III	PERAKAPALLY
349	18.310590	79.785038	7.88	II	PONGAL	389	18.374613	79.954220	8.63	IV	GURRAMPET	429	18.413172	79.966209	38.45	III	PERAKAPALLY
350	18.315326	79.779278	16.80	II	PONGAL	390	18.371551	79.957224	8.60	IV	GURRAMPET	430	18.401819	79.952132	9.89	IV	PERAKAPALLY
351	18.322401	79.789245	50.60	III	PONGAL	391	18.379170	79.985913	8.41	IV	GURRAMPET	431	18.394737	79.931201	8.83	IV	PERAKAPALLY
352	18.425804	79.871495	23.15	I	CHELPUR	392	18.378918	79.981340	8.91	IV	GURRAMPET	432	18.392801	79.932504	12.07	IV	PERAKAPALLY
353	18.430543	79.868964	22.29	I	CHELPUR	393	18.371304	79.960872	15.22	IV	GURRAMPET	433	18.405494	79.945945	26.06	V	PERAKAPALLY
354	18.419434	79.865776	24.10	I	CHELPUR	394	18.370317	79.979949	14.79	IV	GURRAMPET	434	18.390691	79.993551	36.15	V	PERAKAPALLY
355	18.403212	79.865241	5.72	I	CHELPUR	395	18.368476	79.967191	43.94	V	GURRAMPET	435	18.207117	79.859119	24.47	I	JUBLEENAGAR
356	18.405693	79.858296	13.74	I	CHELPUR	396	18.417513	79.916566	25.41	II	PEDDAPUR-A	436	18.205926	79.850921	10.95	I	JUBLEENAGAR
357	18.409650	79.865183	9.18	II	CHELPUR	397	18.422968	79.931273	20.77	II	PEDDAPUR-A	437	18.208881	79.857152	15.13	I	JUBLEENAGAR
358	18.422784	79.879597	9.58	II	CHELPUR	398	18.409929	79.911034	24.71	II	PEDDAPUR-A	438	18.219508	79.845147	12.25	II	JUBLEENAGAR
359	18.413510	79.871377	12.55	II	CHELPUR	399	18.430134	79.924141	53.14	IV	PEDDAPUR-A	439	18.208258	79.853327	43.02	II	JUBLEENAGAR
360	18.409971	79.862978	6.40	II	CHELPUR	400	18.427633	79.927556	8.83	IV	PEDDAPUR-A	440	18.238144	79.843931	32.41	II	JUBLEENAGAR
361	18.416191	79.884397	8.60	II	CHELPUR	401	18.425034	79.928998	13.29	IV	PEDDAPUR-A	441	18.228131	79.852253	24.40	II	JUBLEENAGAR
362	18.426571	79.884148	10.17	II	CHELPUR	402	18.417687	79.926623	6.64	IV	PEDDAPUR-A	442	18.222452	79.856923	9.07	II	JUBLEENAGAR
363	18.413363	79.867151	12.11	II	CHELPUR	403	18.413754	79.904066	62.84	V	PEDDAPUR-A	443	18.228308	79.840597	64.93	IV	JUBLEENAGAR
364	18.418293	79.887061	9.49	II	CHELPUR	404	18.413768	79.906679	49.72	V	PEDDAPUR-A	444	18.246555	79.880308	16.67	I	RAVALAPALLI
365	18.399952	79.869244	6.45	II	CHELPUR	405	18.420007	79.926540	25.54	V	PEDDAPUR-A	445	18.227388	79.876695	20.86	I	RAVALAPALLI
366	18.410183	79.868312	35.73	III	CHELPUR	406	18.407515	79.934529	16.25	II	PEDDAPUR-B	446	18.234992	79.881329	20.40	I	RAVALAPALLI
367	18.405597	79.877929	26.26	III	CHELPUR	407	18.414403	79.944307	17.25	II	PEDDAPUR-B	447	18.273946	79.842895	8.71	I	RAVALAPALLI
368	18.405176	79.887738	7.46	IV	CHELPUR	408	18.416553	79.937552	7.83	II	PEDDAPUR-B	448	18.274845	79.838760	26.72	II	RAVALAPALLI
369	18.406104	79.891623	9.54	IV	CHELPUR	409	18.411435	79.943227	7.87	IV	PEDDAPUR-B	449	18.273998	79.849741	7.39	II	RAVALAPALLI
370	18.401849	79.866236	13.07	IV	CHELPUR	410	18.407693	79.929121	5.08	IV	PEDDAPUR-B	450	18.223245	79.832718	5.81	I	TIRMALAGIRI
371	18.414635	79.888529	16.13	IV	CHELPUR	411	18.407307	79.936240	18.31	IV	PEDDAPUR-B	451	18.237997	79.820546	19.66	I	TIRMALAGIRI
372	18.402710	79.903221	12.79	IV	CHELPUR	412	18.407556	79.931532	14.63	IV	PEDDAPUR-B	452	18.217498	79.822388	8.07	I	TIRMALAGIRI
373	18.407917	79.882409	6.27	IV	CHELPUR	413	18.406059	79.964183	23.66	I	PERAKAPALLY	453	18.220210	79.830098	5.29	I	TIRMALAGIRI
374	18.416366	79.882397	24.36	IV	CHELPUR	414	18.406183	79.948492	22.78	II	PERAKAPALLY	454	18.204744	79.848634	6.10	I	TIRMALAGIRI
375	18.401526	79.888021	20.53	IV	CHELPUR	415	18.399021	79.968160	7.03	II	PERAKAPALLY	455	18.207106	79.842806	5.97	I	TIRMALAGIRI
376	18.418287	79.895154	28.63	V	CHELPUR	416	18.389557	79.983325	8.70	II	PERAKAPALLY	456	18.226084	79.827695	24.94	I	TIRMALAGIRI
377	18.420353	79.884233	26.73	V	CHELPUR	417	18.399275	79.974023	19.46	II	PERAKAPALLY	457	18.213452	79.836375	44.23	II	TIRMALAGIRI

List of Proposed PTs – Chelpur Range

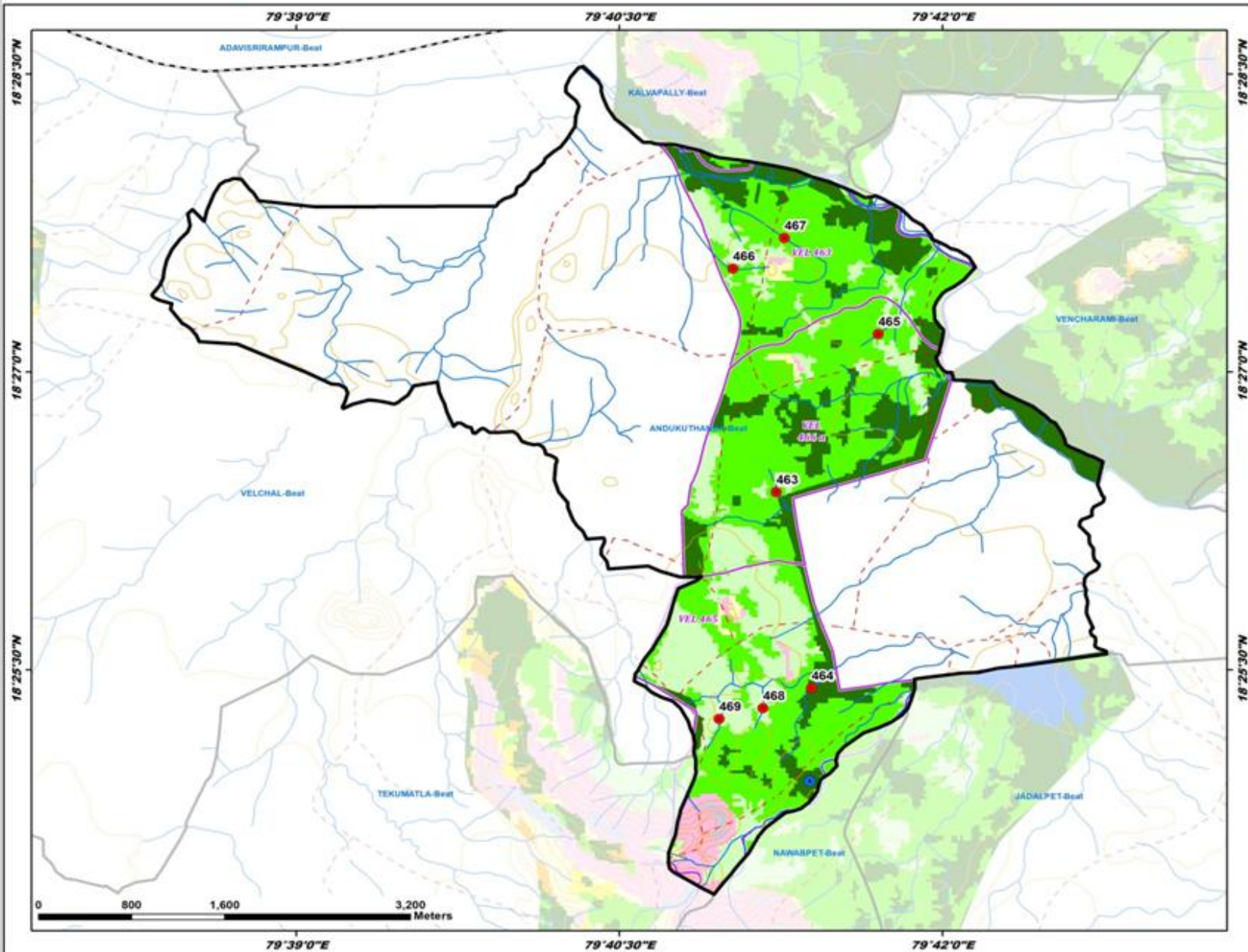
ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat
458	18.245586	79.828549	14.44	II	TIRMALAGIRI
459	18.215675	79.840589	7.27	II	TIRMALAGIRI
460	18.243348	79.837257	32.52	II	TIRMALAGIRI
461	18.236793	79.830815	12.09	II	TIRMALAGIRI
462	18.244494	79.824422	25.86	II	TIRMALAGIRI
463	18.439909	79.687158	12.75	II	ANDUKUTHANDA
464	18.423475	79.689884	36.08	II	ANDUKUTHANDA
465	18.453187	79.695058	9.20	II	ANDUKUTHANDA
466	18.458661	79.683809	7.12	II	ANDUKUTHANDA
467	18.461233	79.687803	38.55	III	ANDUKUTHANDA
468	18.421784	79.686131	14.37	IV	ANDUKUTHANDA
469	18.420870	79.682745	35.09	V	ANDUKUTHANDA
470	18.390009	79.691884	18.92	I	JADALPET
471	18.383709	79.686788	10.58	I	JADALPET
472	18.424599	79.713287	5.69	I	JADALPET
473	18.385260	79.685251	21.04	II	JADALPET
474	18.390061	79.690939	23.70	II	JADALPET
475	18.409341	79.693323	55.73	IV	JADALPET
476	18.482644	79.691985	6.18	I	KALVAPALLY
477	18.484863	79.696331	5.56	I	KALVAPALLY
478	18.483457	79.695010	14.68	I	KALVAPALLY
479	18.478329	79.703137	24.24	I	KALVAPALLY
480	18.483389	79.722886	36.82	II	KALVAPALLY
481	18.474914	79.687142	17.88	II	KALVAPALLY
482	18.485000	79.704059	5.93	II	KALVAPALLY
483	18.478552	79.695972	29.01	II	KALVAPALLY
484	18.479644	79.684800	30.19	III	KALVAPALLY
485	18.387891	79.679063	8.83	I	NAWABPET
486	18.420250	79.695800	12.26	II	NAWABPET
487	18.404195	79.694999	35.63	III	NAWABPET
488	18.400153	79.694391	22.16	IV	NAWABPET
489	18.396431	79.692799	7.09	IV	NAWABPET
490	18.451649	79.755772	16.12	I	NEREDUPALLY
491	18.452928	79.734088	13.39	I	NEREDUPALLY
492	18.454478	79.750406	7.91	I	NEREDUPALLY
493	18.442419	79.740676	5.43	I	NEREDUPALLY
494	18.448123	79.741230	19.53	I	NEREDUPALLY
495	18.451853	79.746316	15.56	I	NEREDUPALLY
496	18.467407	79.718888	5.08	II	NEREDUPALLY
497	18.451462	79.759568	14.90	II	NEREDUPALLY

ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat
498	18.463759	79.743766	7.20	II	NEREDUPALLY
499	18.469507	79.742507	36.94	III	NEREDUPALLY
500	18.467479	79.726042	40.95	III	NEREDUPALLY
501	18.401257	79.678640	8.06	I	TEKUMATLA
502	18.402236	79.670560	12.48	I	TEKUMATLA
503	18.404262	79.671434	17.48	I	TEKUMATLA
504	18.402113	79.675547	23.66	II	TEKUMATLA
505	18.418001	79.673759	24.91	II	TEKUMATLA
506	18.414478	79.675429	12.06	IV	TEKUMATLA
507	18.413470	79.679218	8.81	IV	TEKUMATLA
508	18.413115	79.677276	5.93	IV	TEKUMATLA
509	18.459182	79.622568	9.61	I	VELCHAL
510	18.455473	79.725029	10.61	I	VENCHARAMI
511	18.482913	79.735125	8.59	I	VENCHARAMI
512	18.444381	79.724607	13.55	I	VENCHARAMI
513	18.447061	79.729350	17.43	I	VENCHARAMI
514	18.482563	79.731719	13.37	I	VENCHARAMI
515	18.448864	79.724392	10.97	I	VENCHARAMI
516	18.484033	79.728352	6.65	II	VENCHARAMI
517	18.482607	79.726198	7.84	II	VENCHARAMI
518	18.454698	79.717678	14.05	II	VENCHARAMI
519	18.477924	79.733837	16.99	II	VENCHARAMI
520	18.456728	79.718722	11.21	II	VENCHARAMI
521	18.469883	79.724291	20.15	II	VENCHARAMI
522	18.473522	79.719828	8.59	II	VENCHARAMI
523	18.471576	79.740610	34.71	III	VENCHARAMI
524	18.452579	79.731411	60.97	IV	VENCHARAMI

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



Division : Bhupalpally
Range : Chelpur



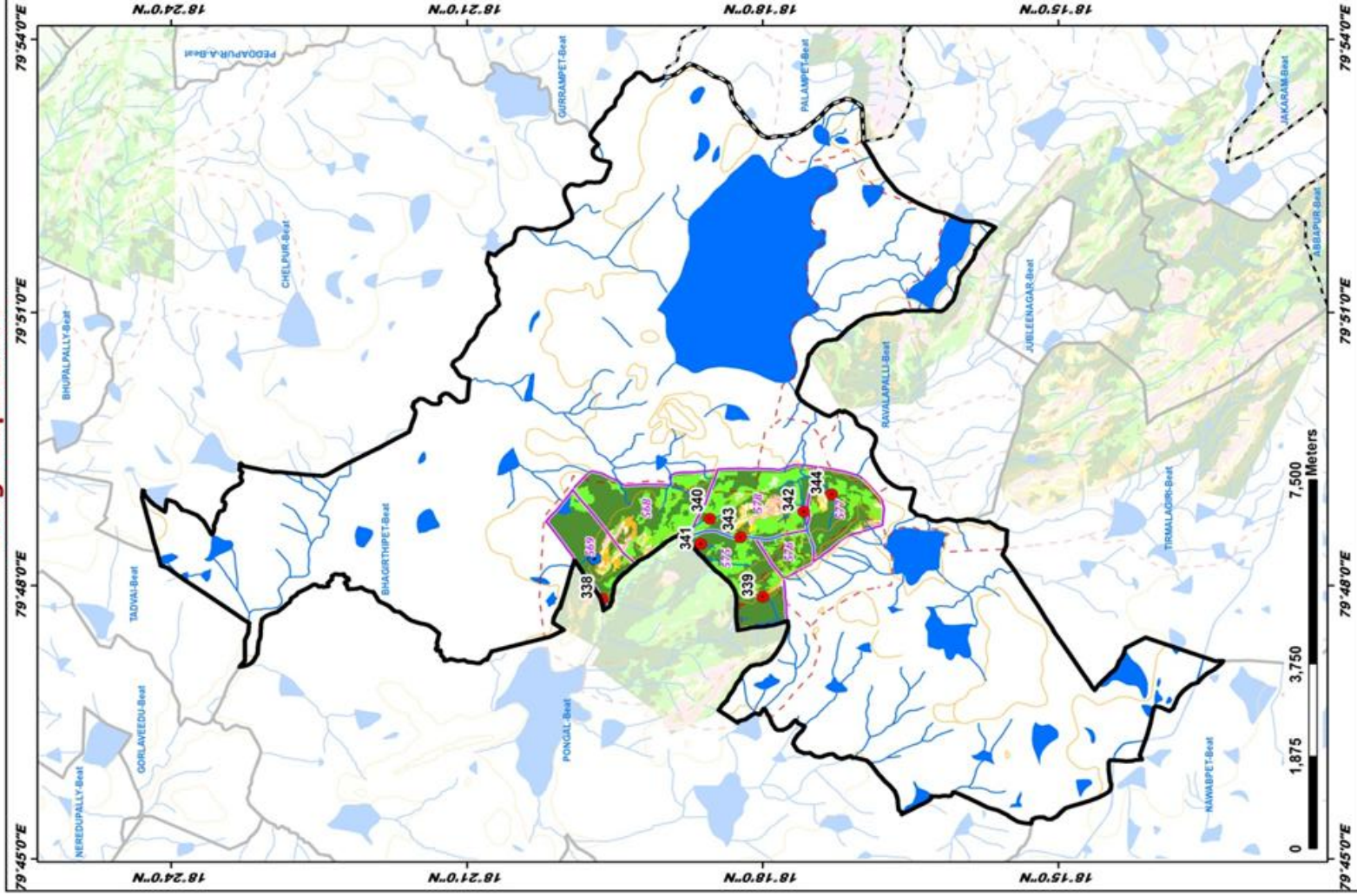
ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
463	18.439909	79.687158	12.75	II
464	18.423475	79.689884	36.08	II
465	18.453187	79.695058	9.20	II
466	18.458661	79.683809	7.12	II
467	18.461233	79.687803	38.55	III
468	18.421784	79.686131	14.37	IV
469	18.420870	79.682745	35.09	V

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

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



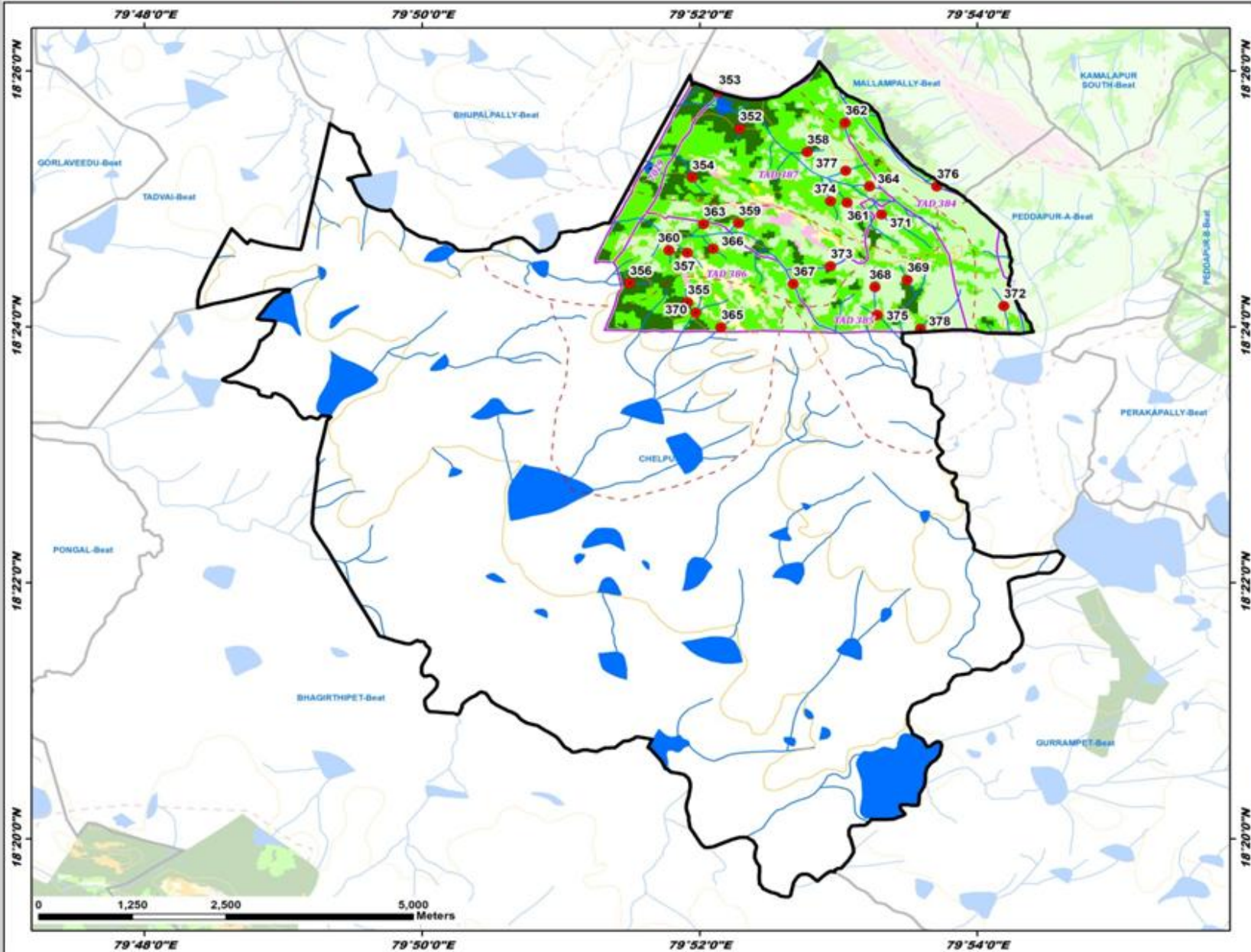
Division : Bhupalpally
Range : Chelpur



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



Division : Bhupalpally
Range : Chelpur



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
352	18.425804	79.873495	23.15	I
353	18.420543	79.868964	22.29	I
354	18.419434	79.865776	24.10	I
355	18.403212	79.865241	5.72	I
356	18.405693	79.858296	13.74	I
357	18.409650	79.865183	9.18	II
358	18.427784	79.879597	9.58	II
359	18.413510	79.871377	12.55	II
360	18.409971	79.862978	6.40	II
361	18.416191	79.884397	8.60	II
362	18.426571	79.884348	10.17	II
363	18.413363	79.867151	12.11	II
364	18.418293	79.887061	9.49	II
365	18.399952	79.869244	6.45	II
366	18.410183	79.868312	35.73	III
367	18.405597	79.877929	26.26	III
368	18.405176	79.887738	7.46	IV
369	18.406104	79.891623	9.54	IV
370	18.401849	79.866236	13.07	IV
371	18.414635	79.888529	16.13	IV
372	18.402710	79.903221	12.79	IV
373	18.407917	79.882409	6.27	IV
374	18.416366	79.882397	24.36	IV
375	18.401526	79.888021	20.53	IV
376	18.418287	79.895154	28.63	V
377	18.420353	79.884233	26.73	V
378	18.399757	79.893204	33.65	V

LEGEND

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

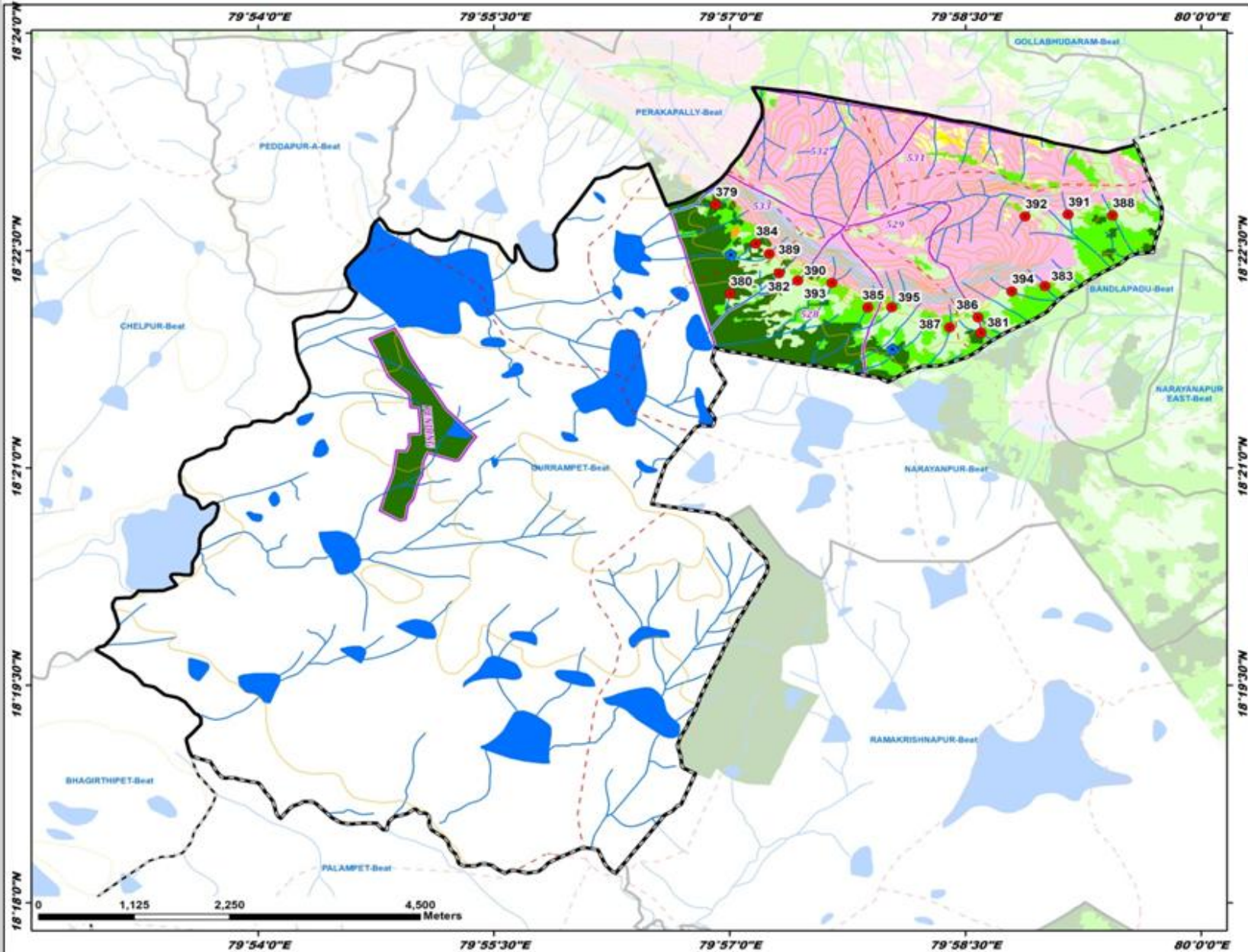
Suitability Index

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

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



Division : Bhupalpally
Range : Chelpur



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
379	18.380302	79.948501	14.99	I
380	18.370022	79.950070	9.40	I
381	18.365576	79.976670	5.21	I
382	18.372389	79.955243	8.56	I
383	18.370919	79.983454	5.39	I
384	18.375812	79.952774	6.98	I
385	18.368444	79.964674	10.76	II
386	18.367335	79.976370	11.66	II
387	18.366172	79.973356	11.44	II
388	18.379044	79.990601	6.57	II
389	18.374613	79.954220	8.63	IV
390	18.371551	79.957224	8.60	IV
391	18.379170	79.985913	8.41	IV
392	18.378918	79.981340	8.91	IV
393	18.371304	79.960672	15.22	IV
394	18.370117	79.979549	14.79	IV
395	18.368476	79.967191	43.94	V

LEGEND

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

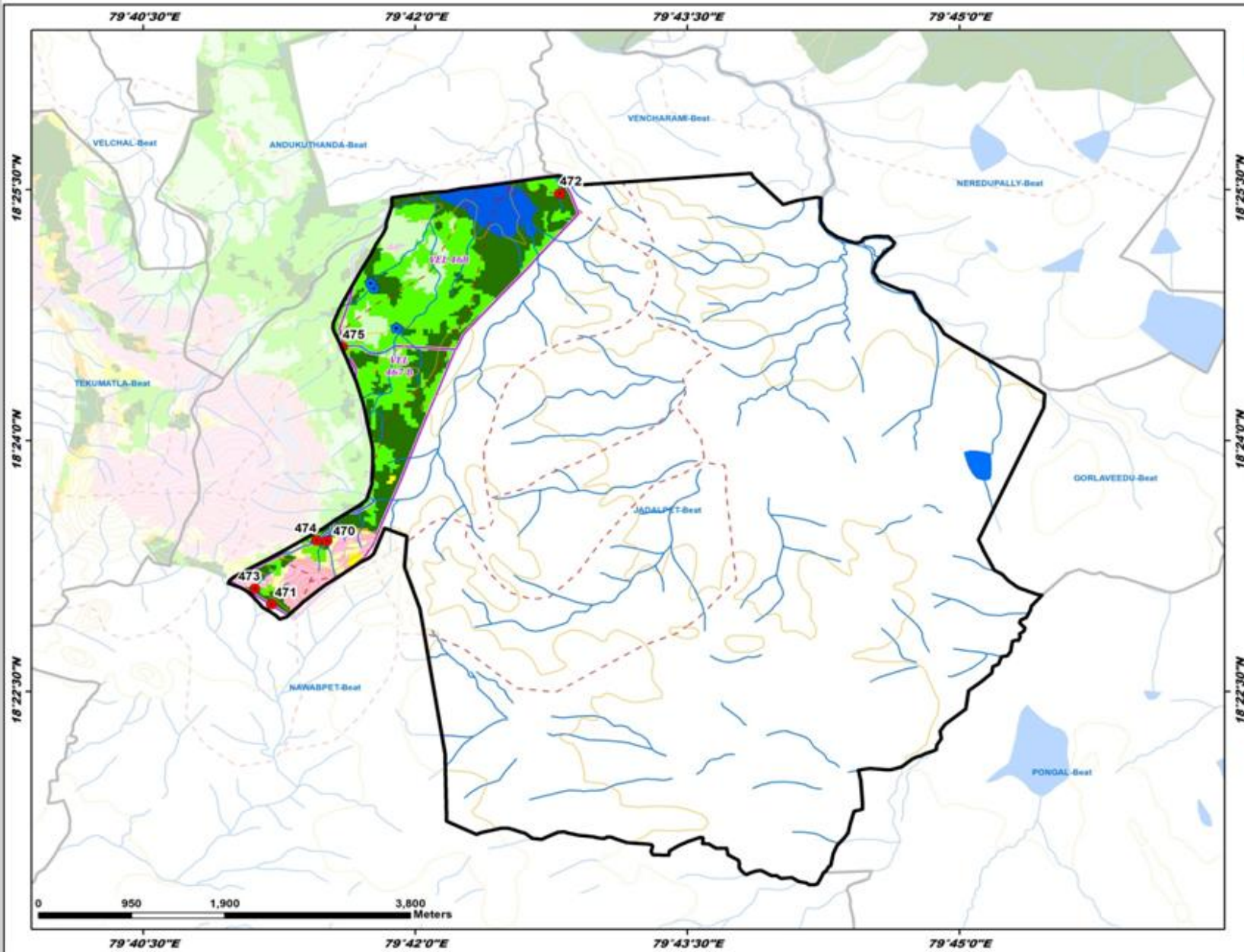
Suitability Index

- 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 Jadalpet Beat



Division : Bhupalpally
Range : Chelpur



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
470	18.390009	79.691804	18.92	I
471	18.383709	79.686788	10.58	I
472	18.424599	79.713287	5.69	I
473	18.385260	79.685251	21.04	II
474	18.390061	79.680939	23.70	II
475	18.409341	79.693323	55.73	IV

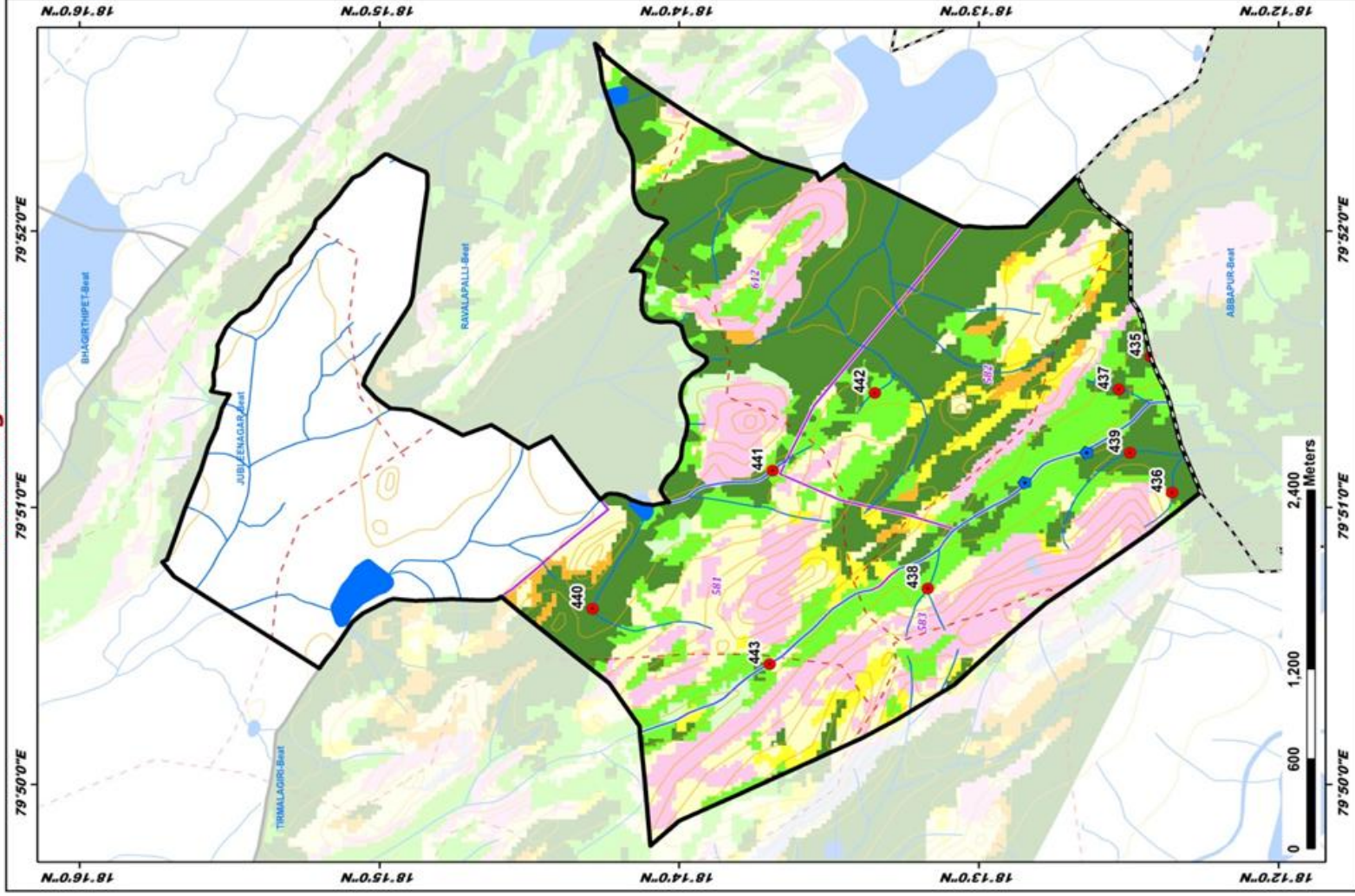
LEGEND

- 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 Jubleenagar Beat



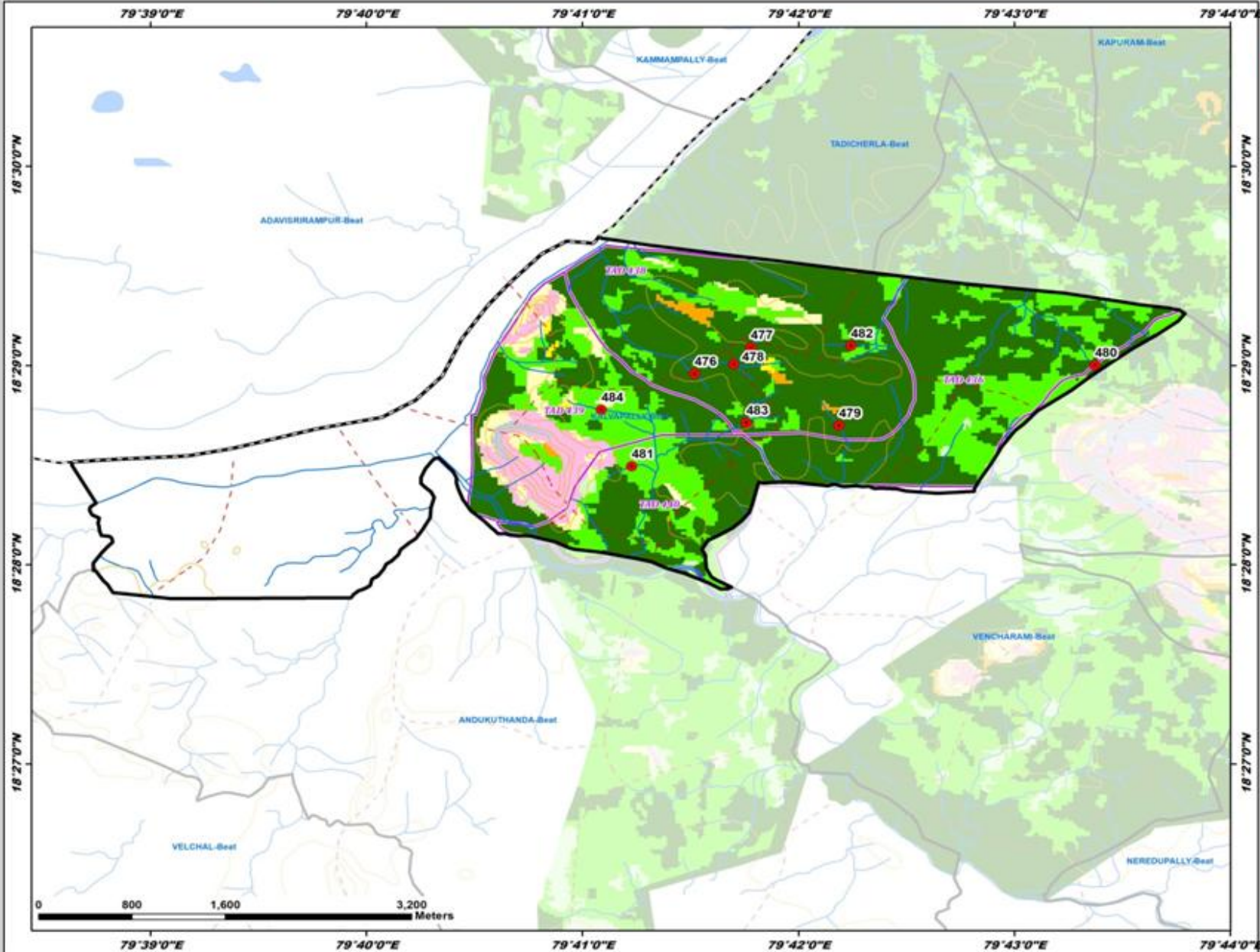
Division : Bhupalpally
Range : Chelpur



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



Division : Bhupalpally
Range : Chelpur



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
476	18.482644	79.691985	6.18	I
477	18.484863	79.696331	5.56	I
478	18.483457	79.695010	14.68	I
479	18.478329	79.703137	24.24	I
480	18.483389	79.722886	36.82	II
481	18.474914	79.687142	17.88	II
482	18.485000	79.704059	5.93	II
483	18.478552	79.695972	29.01	II
484	18.479644	79.684800	30.19	III

LEGEND

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

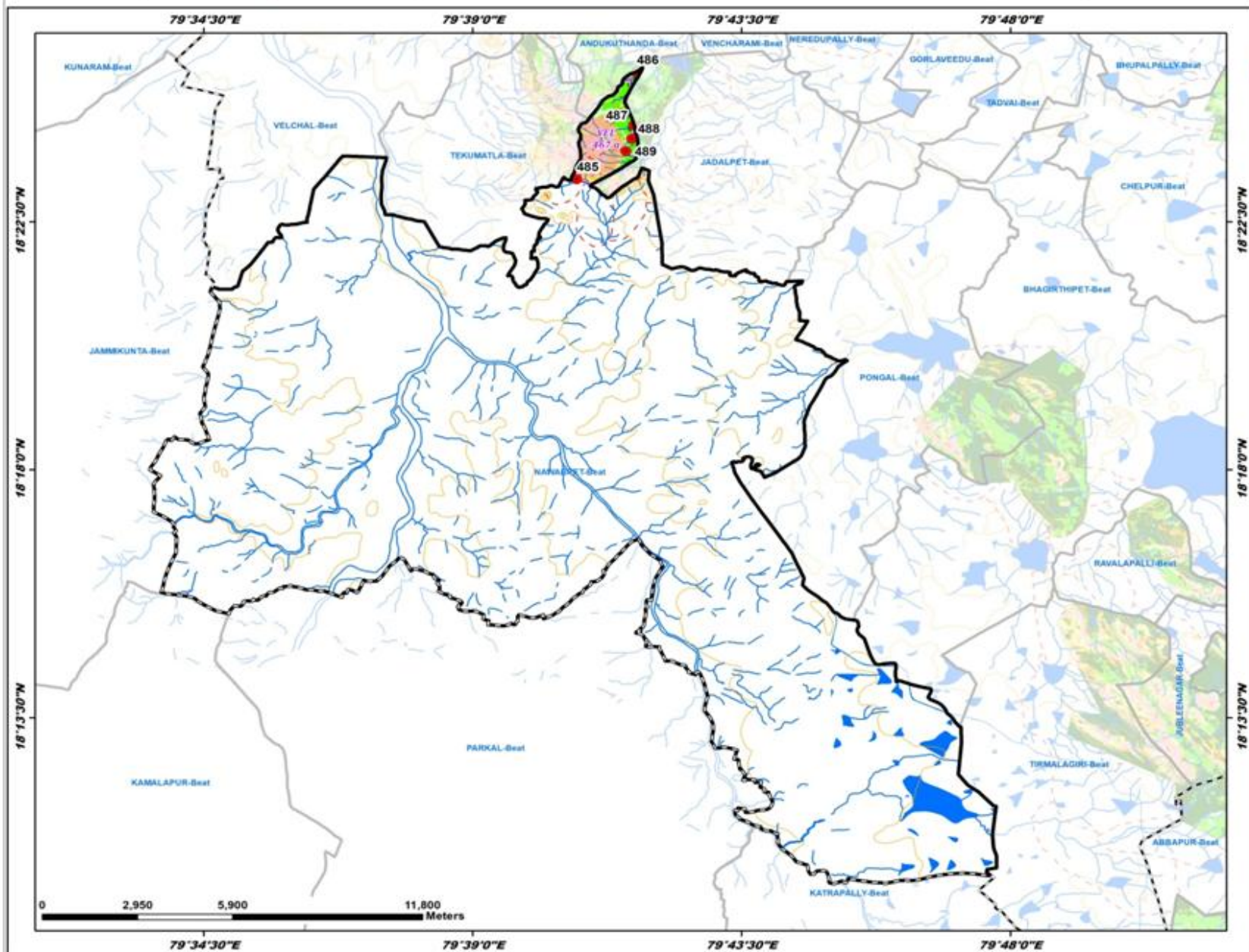
Suitability Index

- 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 Nawabpet Beat



Division : Bhupalpally
Range : Chelapur



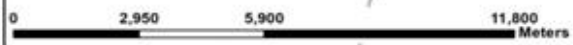
ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
485	18.387891	79.679063	8.83	I
486	18.420250	79.695800	12.26	II
487	18.404195	79.694999	35.63	III
488	18.400153	79.694191	22.16	IV
489	18.396431	79.692799	7.09	IV

LEGEND

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

Suitability Index

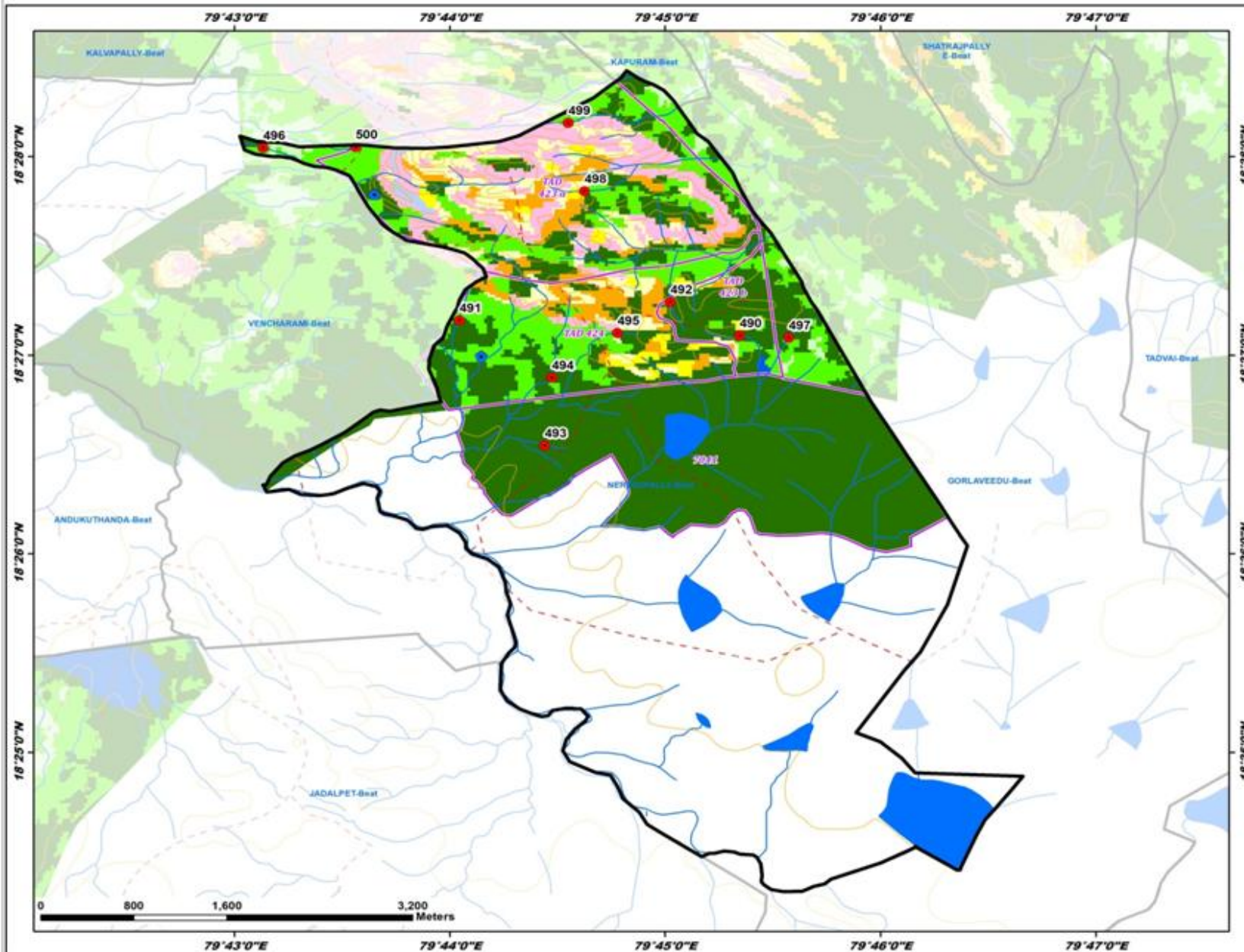
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body



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



Division : Bhupalpally
Range : Chelpur



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
490	18.451649	79.755772	18.12	I
491	18.452928	79.734088	13.39	I
492	18.454478	79.750406	7.91	I
493	18.442419	79.740676	5.43	I
494	18.448123	79.741230	19.53	I
495	18.451853	79.746316	15.56	I
496	18.467407	79.718888	5.08	II
497	18.451462	79.759568	14.90	II
498	18.463758	79.743766	7.20	II
499	18.469507	79.742507	36.94	III
500	18.467479	79.726042	40.95	III

LEGEND

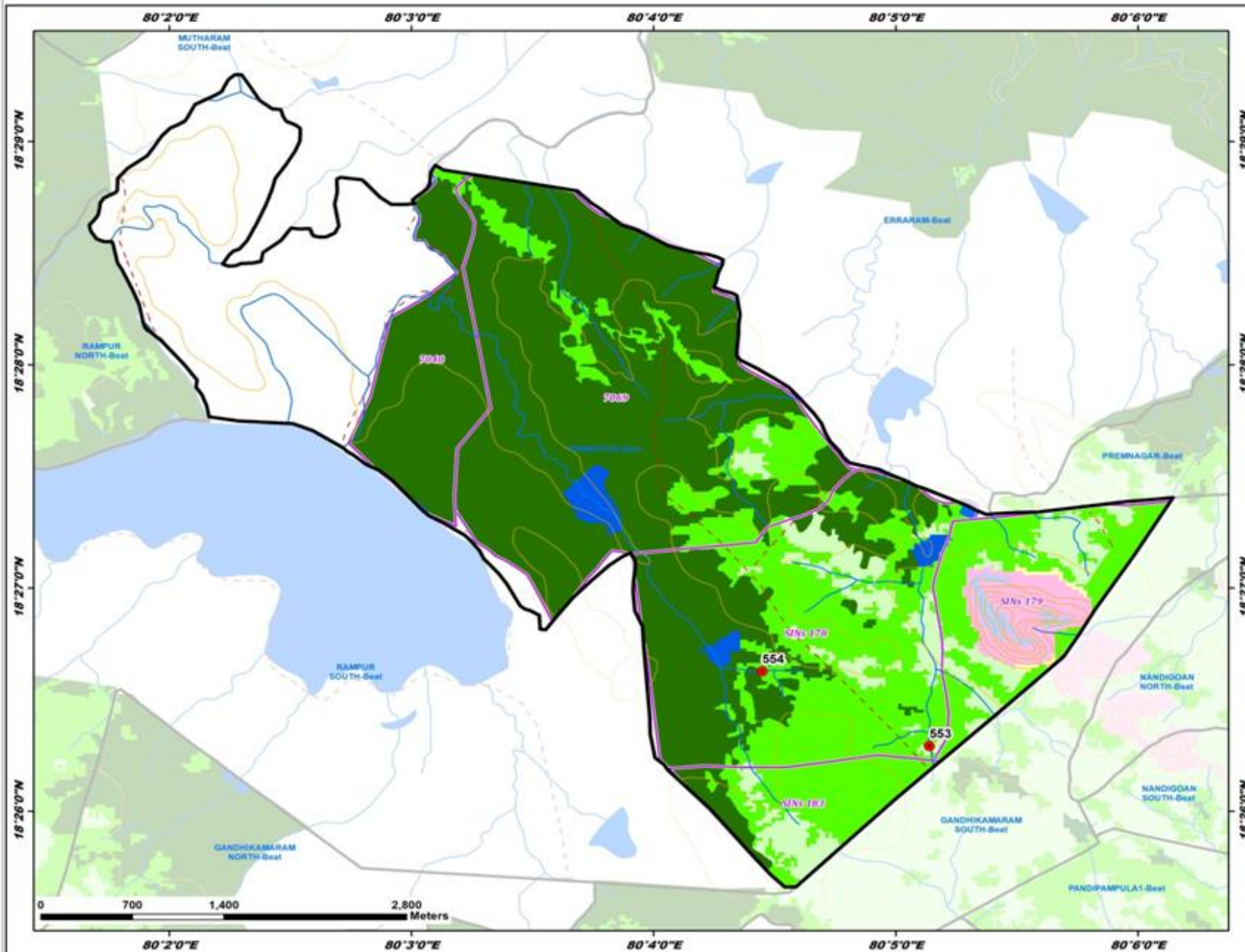
- Proposed PTs
- Existing CD/PTs
- Contours
- Streams
- - Watershed Boundary
- Compartment Boundary
- Beat Boundary
- - Division Boundary
- Suitability Index**
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable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

0 800 1,600 3,200 Meters

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



Division : Bhupalpally
Range : Chelpur



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
553	18.438210	80.085641	24.62	II
554	18.443790	80.074134	38.47	III

LEGEND

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

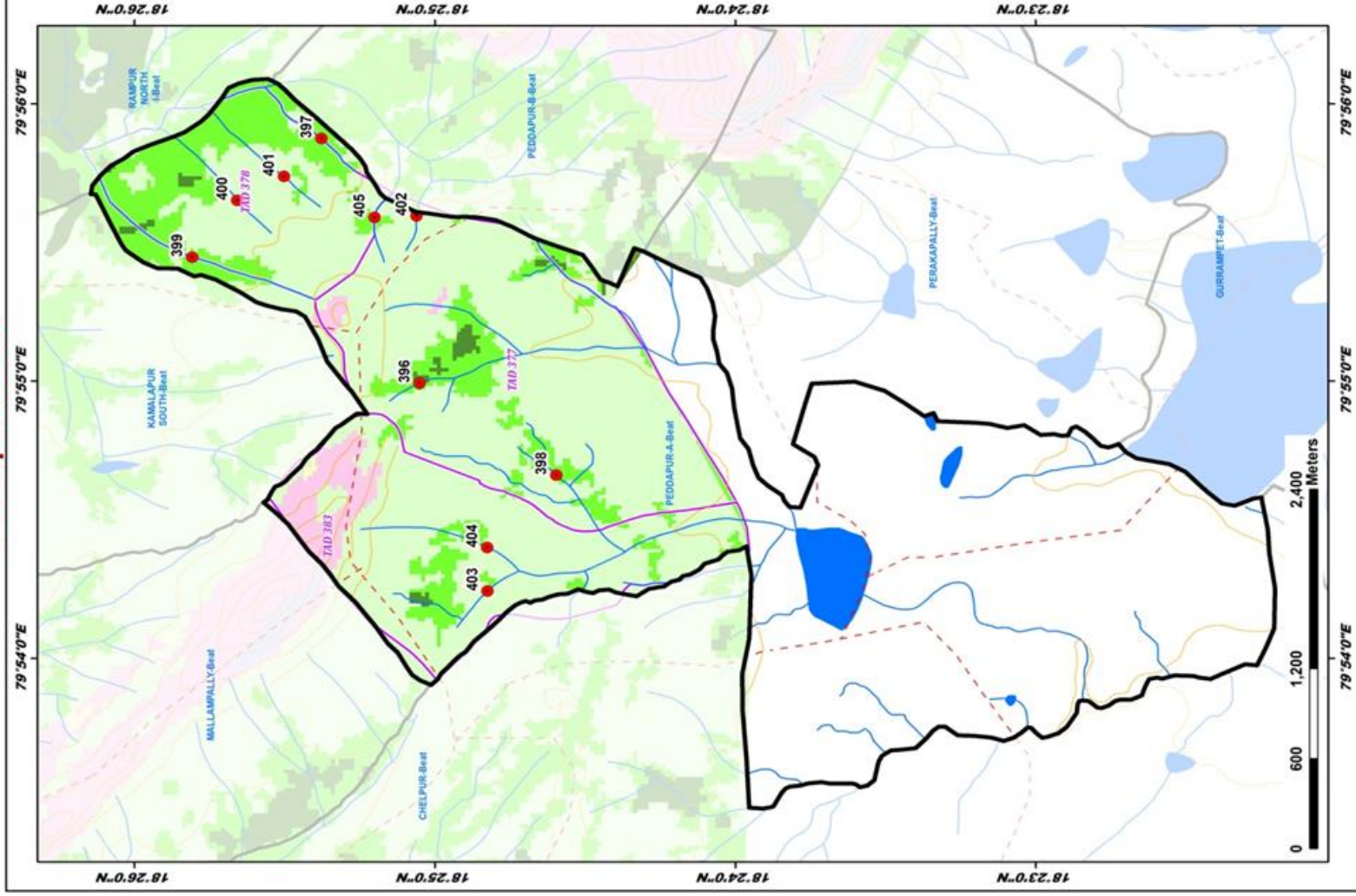
Suitability Index

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

Map Showing Suitability Index for Construction of SMC Works of Peddapur A Beat



Division : Bhupalpally
Range : Chelpur



ID	Latitude	Longitude	Catchment Area Ha.	PRIORITY
396	18.417513	79.935666	25.41	II
397	18.422968	79.931273	20.77	II
398	18.409029	79.911034	24.71	II
399	18.430134	79.930141	53.14	IV
400	18.427633	79.927556	8.83	IV
401	18.425034	79.928998	13.29	IV
402	18.417687	79.926623	6.64	IV
403	18.413754	79.900066	62.84	V
404	18.412768	79.906679	49.72	V
405	18.430007	79.926560	25.54	V

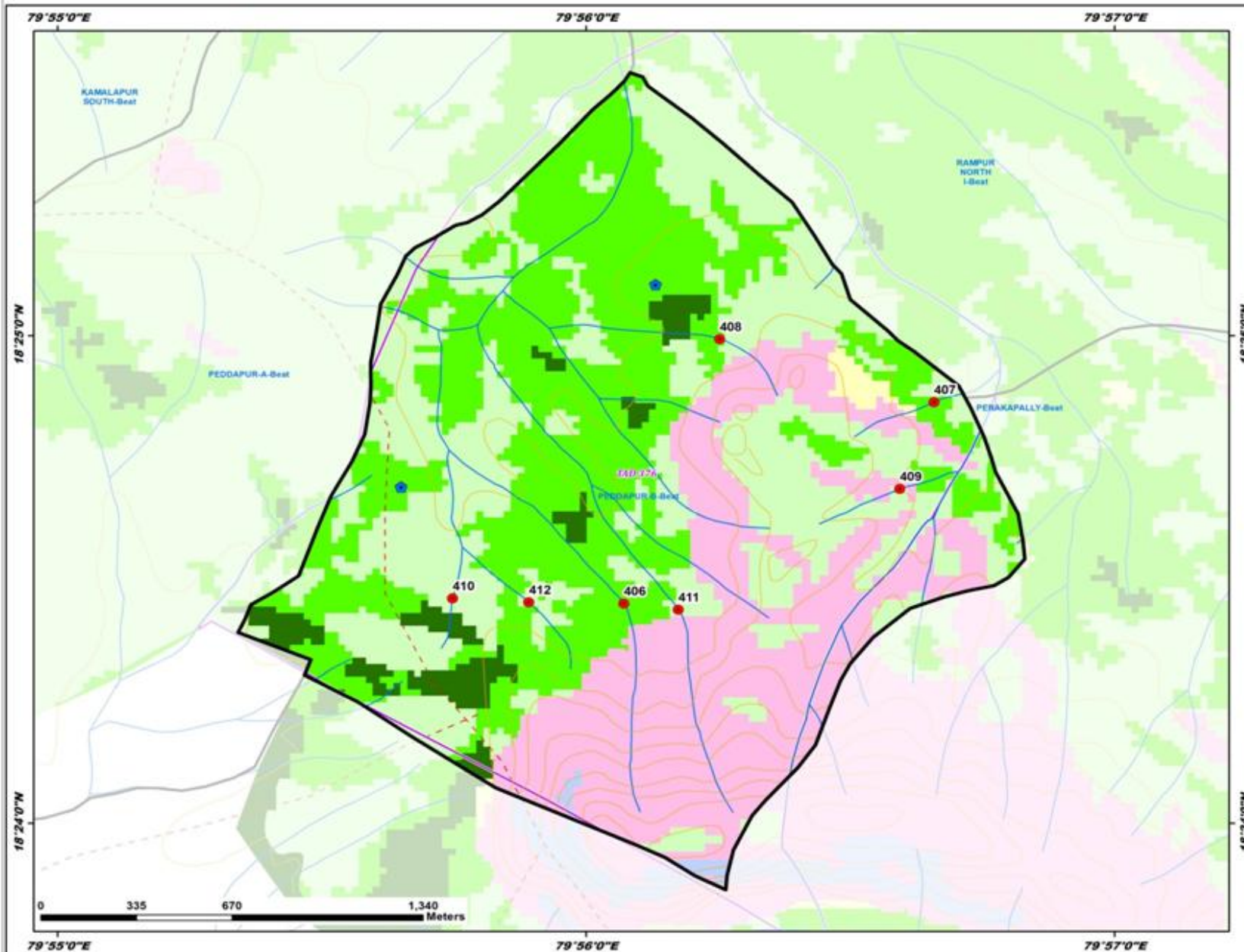
LEGEND

- Proposed PTs (Red dot)
 - Existing CDPTs (Blue dot)
 - Contours (Yellow line)
 - Streams (Blue line)
 - Watershed Boundary (Dashed red line)
 - Compartment Boundary (Dashed grey line)
 - Beat Boundary (Thick black line)
 - Division Boundary (Dashed black line)
- ### Suitability Index
- CCTs/SCTs - Highly Suitable (Orange)
 - CCTs/SCTs - Moderately Suitable (Yellow)
 - CCTs/SCTs - Least Suitable (Light Green)
 - PTs - Highly Suitable (Dark Green)
 - PTs - Moderately Suitable (Medium Green)
 - PTs - Least Suitable (Light Green)
 - MPTs and SGPs - Suitable (Pink)
 - Not Suitable (Light Blue)
 - Water Body (Dark Blue)

Map Showing Suitability Index for Construction of SMC Works of Peddapur - B Beat



Division : Bhupalpally
Range : Chelpur

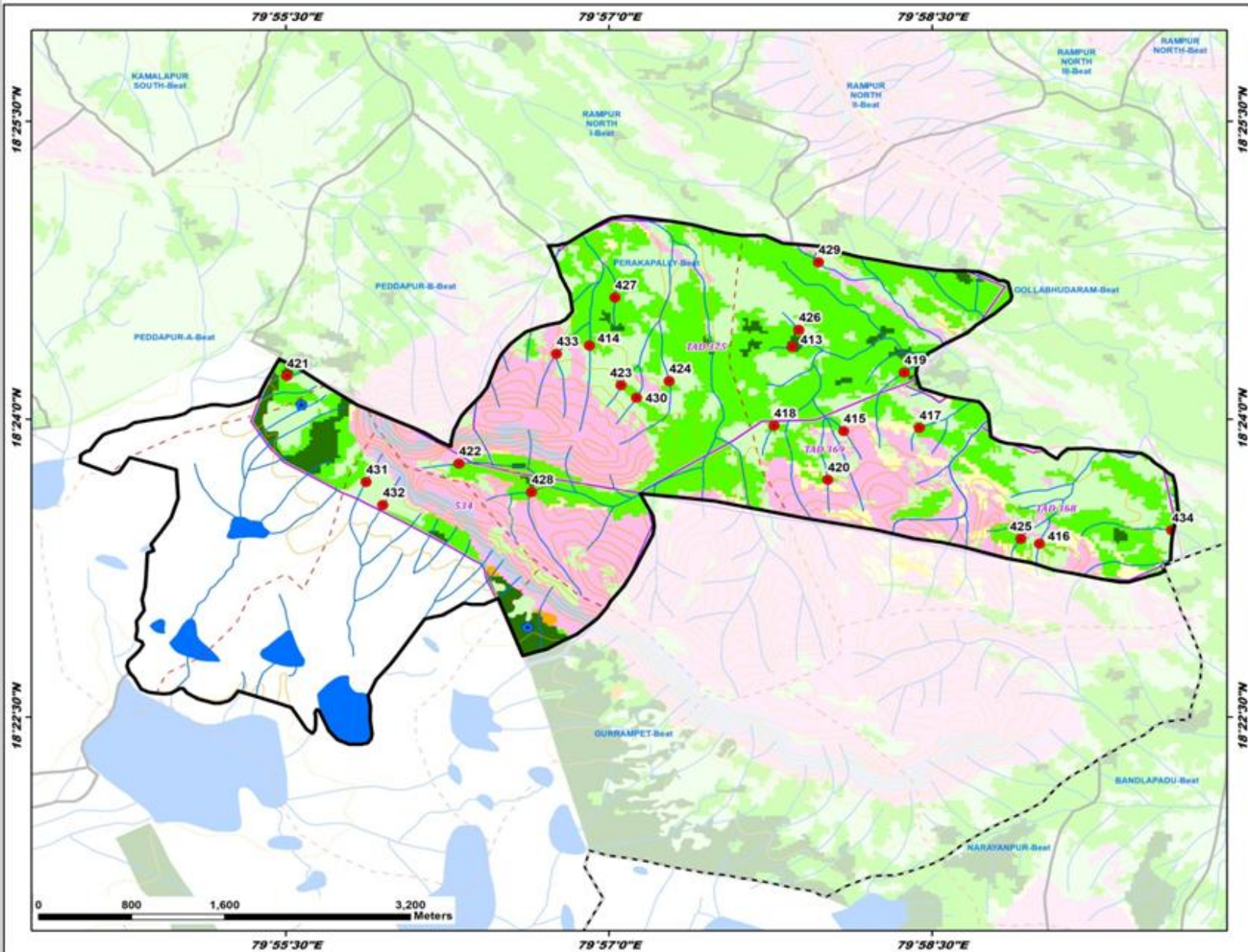


ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
406	18.407515	79.934529	16.25	II
407	18.414403	79.944307	17.25	II
408	18.416553	79.937552	7.83	II
409	18.411435	79.943227	7.87	IV
410	18.407693	79.929121	5.08	IV
411	18.407907	79.936240	18.31	IV
412	18.407556	79.931532	14.63	IV

LEGEND

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

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



Division : Bhupalpally
Range : Chelpur

ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
413	18.406059	79.964183	23.66	I
414	18.406183	79.948492	22.78	II
415	18.399021	79.968160	7.03	III
416	18.389557	79.983325	8.70	III
417	18.399275	79.974023	19.46	III
418	18.399473	79.962792	9.58	III
419	18.403926	79.972850	20.20	III
420	18.394926	79.966928	5.42	III
421	18.403648	79.925072	21.18	III
422	18.396281	79.938392	24.16	III
423	18.402870	79.950949	12.42	III
424	18.403204	79.954665	15.70	III
425	18.389965	79.981873	16.69	III
426	18.407514	79.964694	18.50	III
427	18.410218	79.950471	10.73	III
428	18.393895	79.948002	49.33	III
429	18.413172	79.966209	38.45	III
430	18.401819	79.952132	9.89	IV
431	18.394737	79.931203	8.83	IV
432	18.392801	79.932504	12.07	IV
433	18.405494	79.945945	26.06	V
434	18.390691	79.993551	36.15	V

LEGEND

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

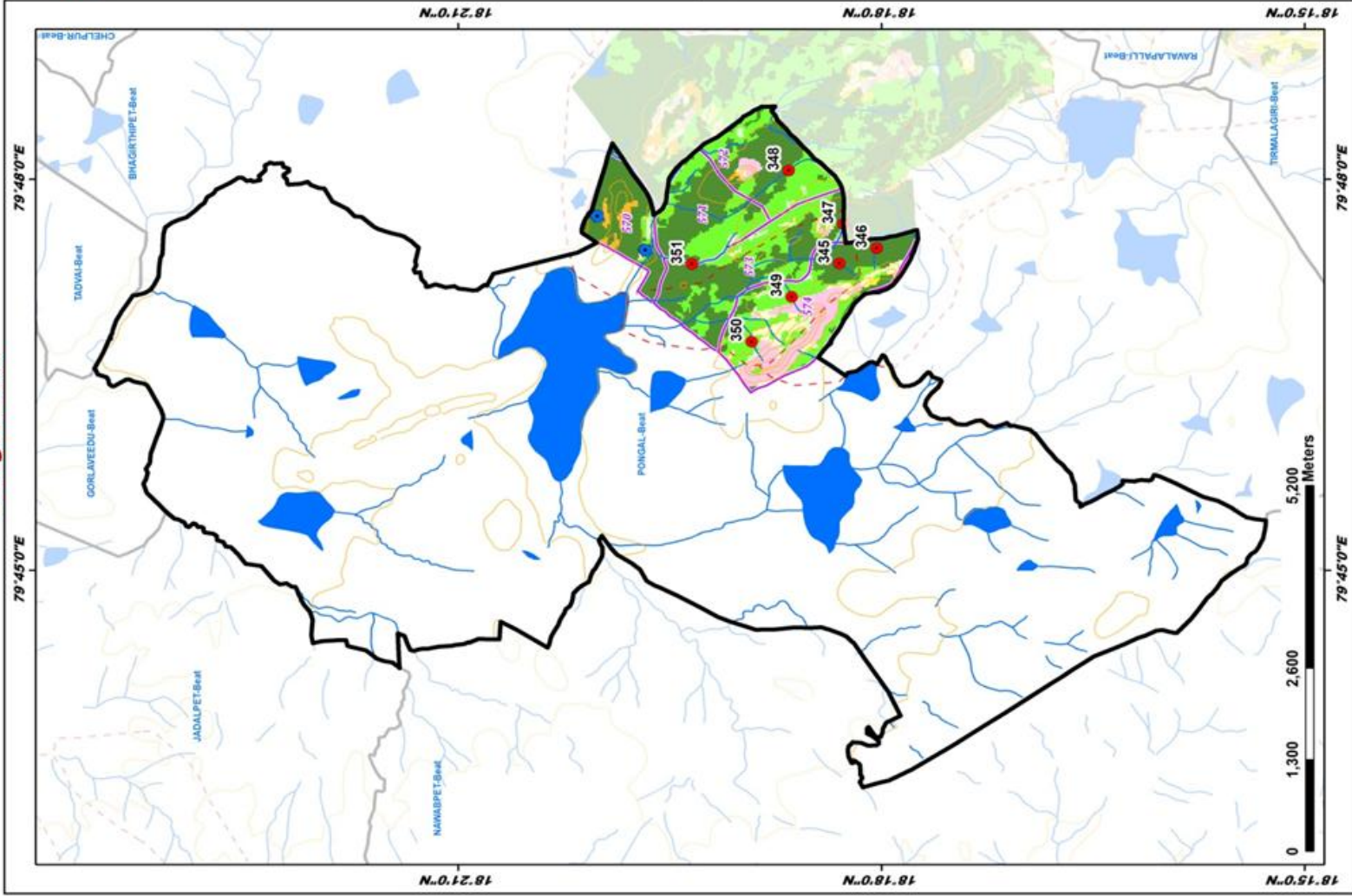
Suitability Index

- 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

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



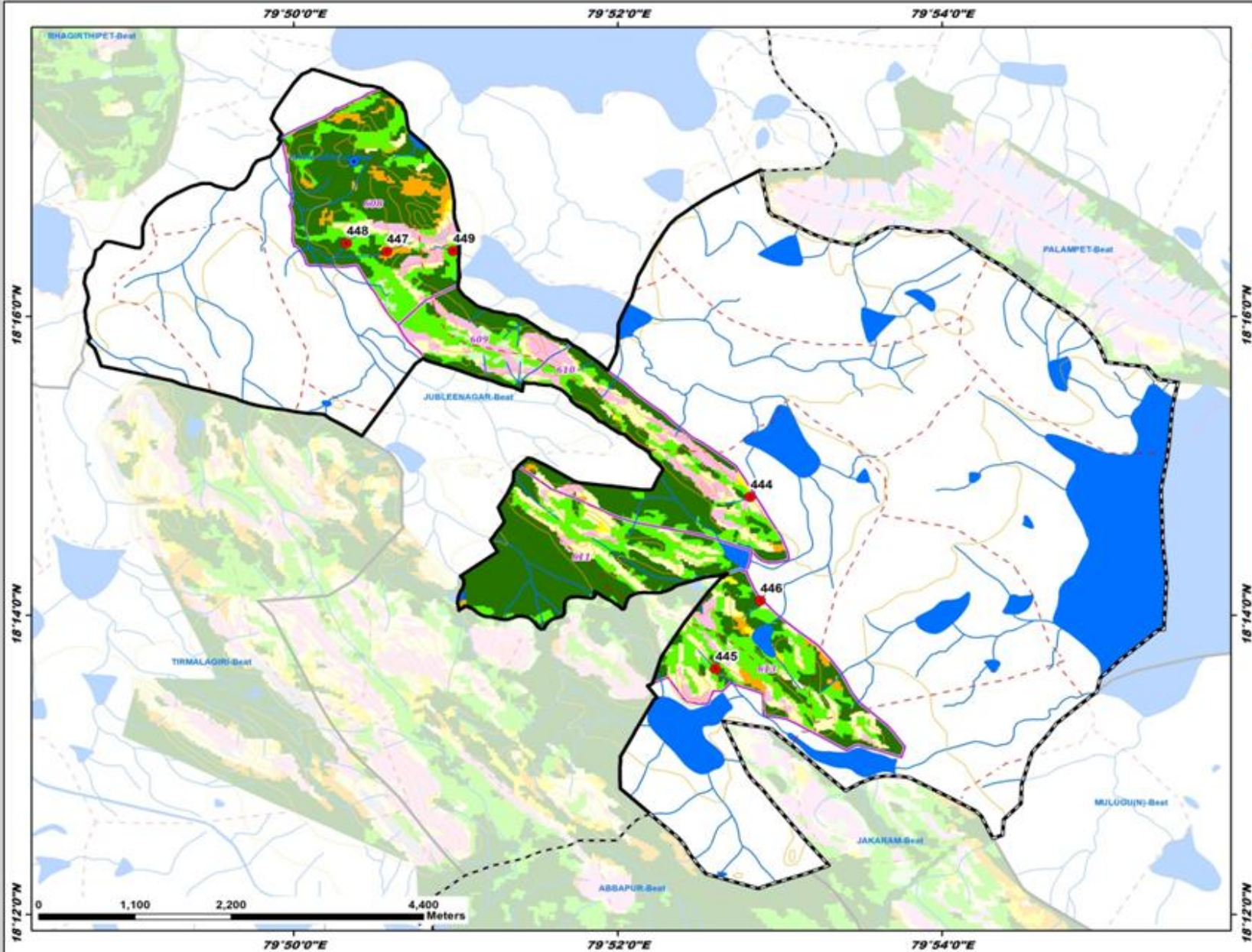
Division : Bhupalpally
Range : Chelapur



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



Division : Bhupalpally
Range : Chelpur



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
444	18.246555	79.880308	16.67	I
445	18.227388	79.876695	20.86	I
446	18.234992	79.881329	20.40	I
447	18.273946	79.842895	8.71	I
448	18.274845	79.838760	26.72	II
449	18.273958	79.845741	7.39	II

LEGEND

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

Suitability Index

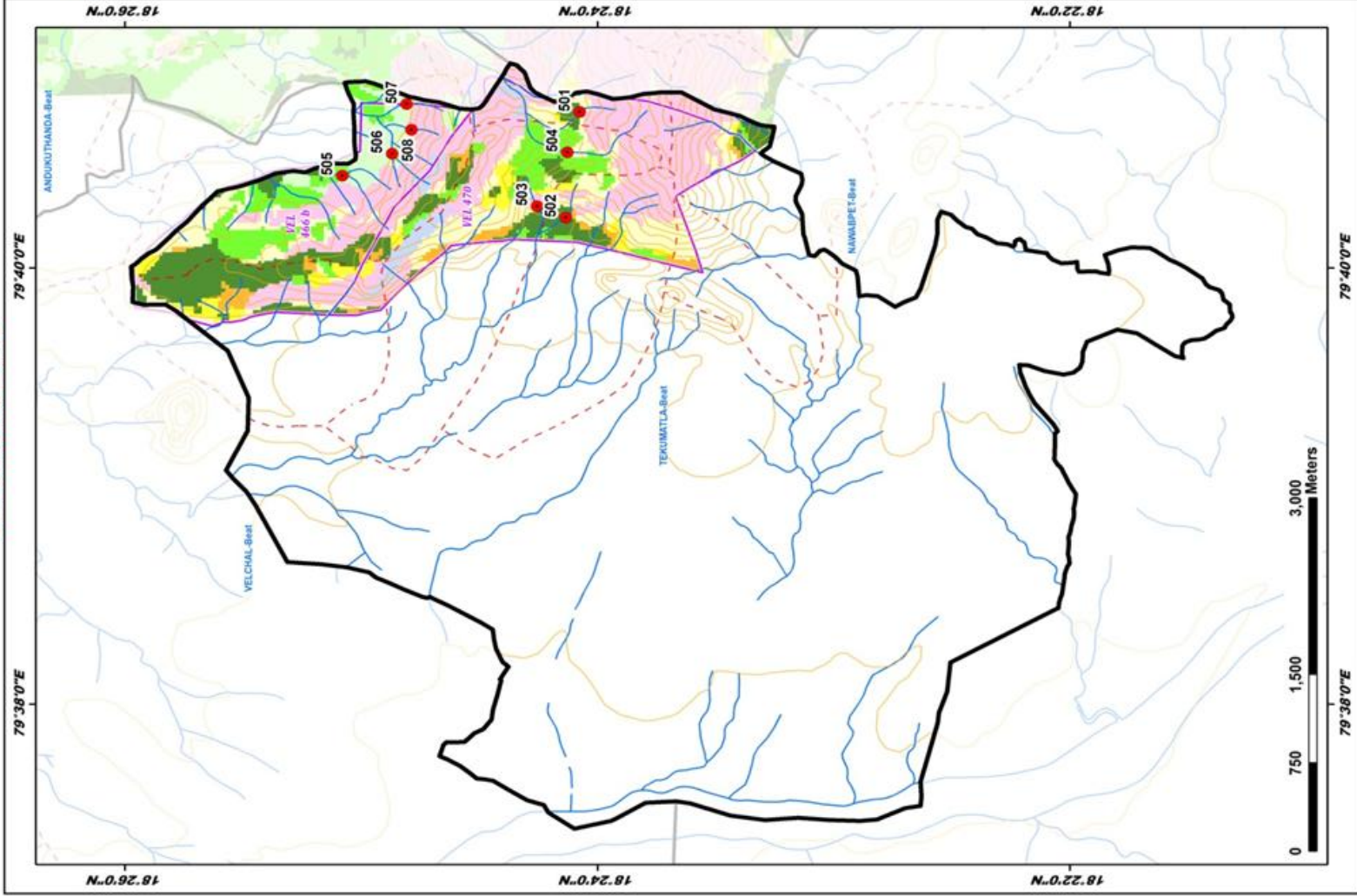
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body



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



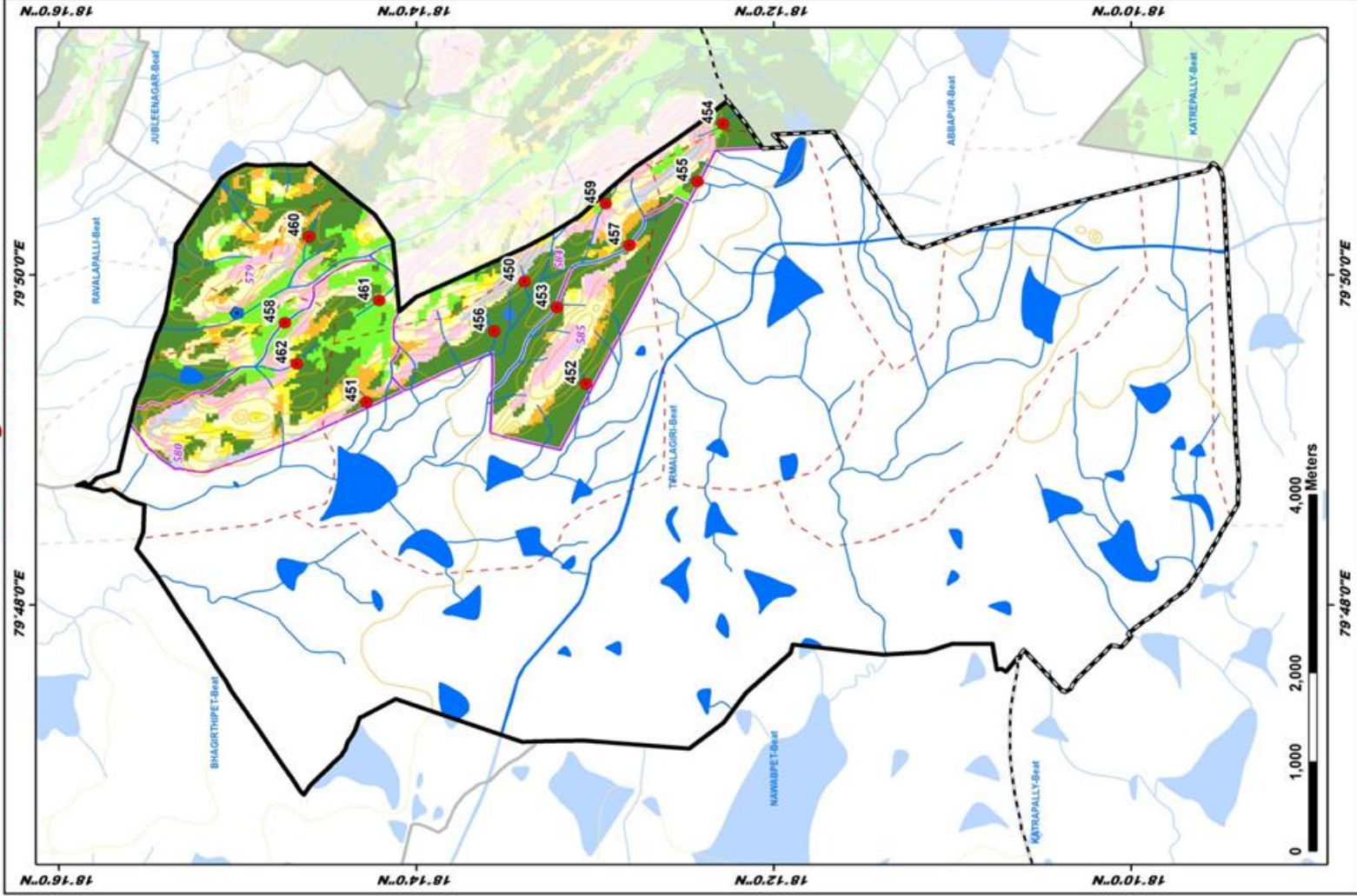
Division : Bhupalpally
Range : Chelpur



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



Division : Bhupalpally
Range : Chelpur



LEGEND

- Proposed PTs (Red dot)
- Existing CDPTs (Blue dot)
- Contours (Yellow line)
- Streams (Blue line)
- Watershed Boundary (Dashed red line)
- Compartment Boundary (Dashed black line)
- Beat Boundary (Thick black line)
- Division Boundary (Dashed black line)

Suitability Index

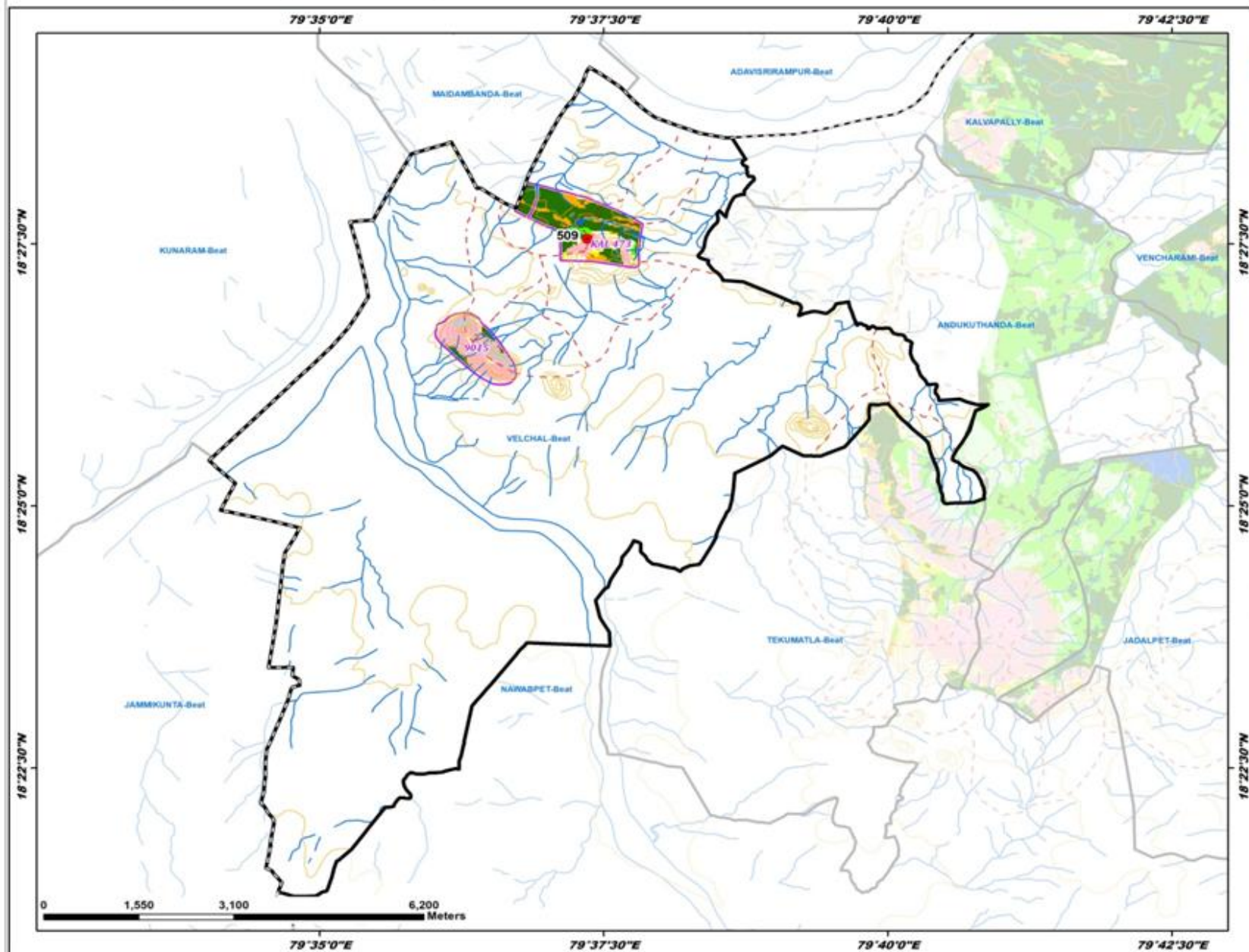
- CCTs/SCTs - Highly Suitable (Orange)
- CCTs/SCTs - Moderately Suitable (Yellow)
- CCTs/SCTs - Least Suitable (Light Green)
- PTs - Highly Suitable (Green)
- PTs - Moderately Suitable (Light Green)
- PTs - Least Suitable (Light Blue)
- MPTs and SGPs - Suitable (Pink)
- Not Suitable (Light Blue)
- Water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



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

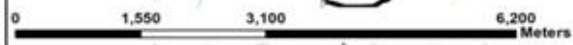


Division : Bhupalpally
Range : Chelpur



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
509	18.459182	79.622568	9.61	1

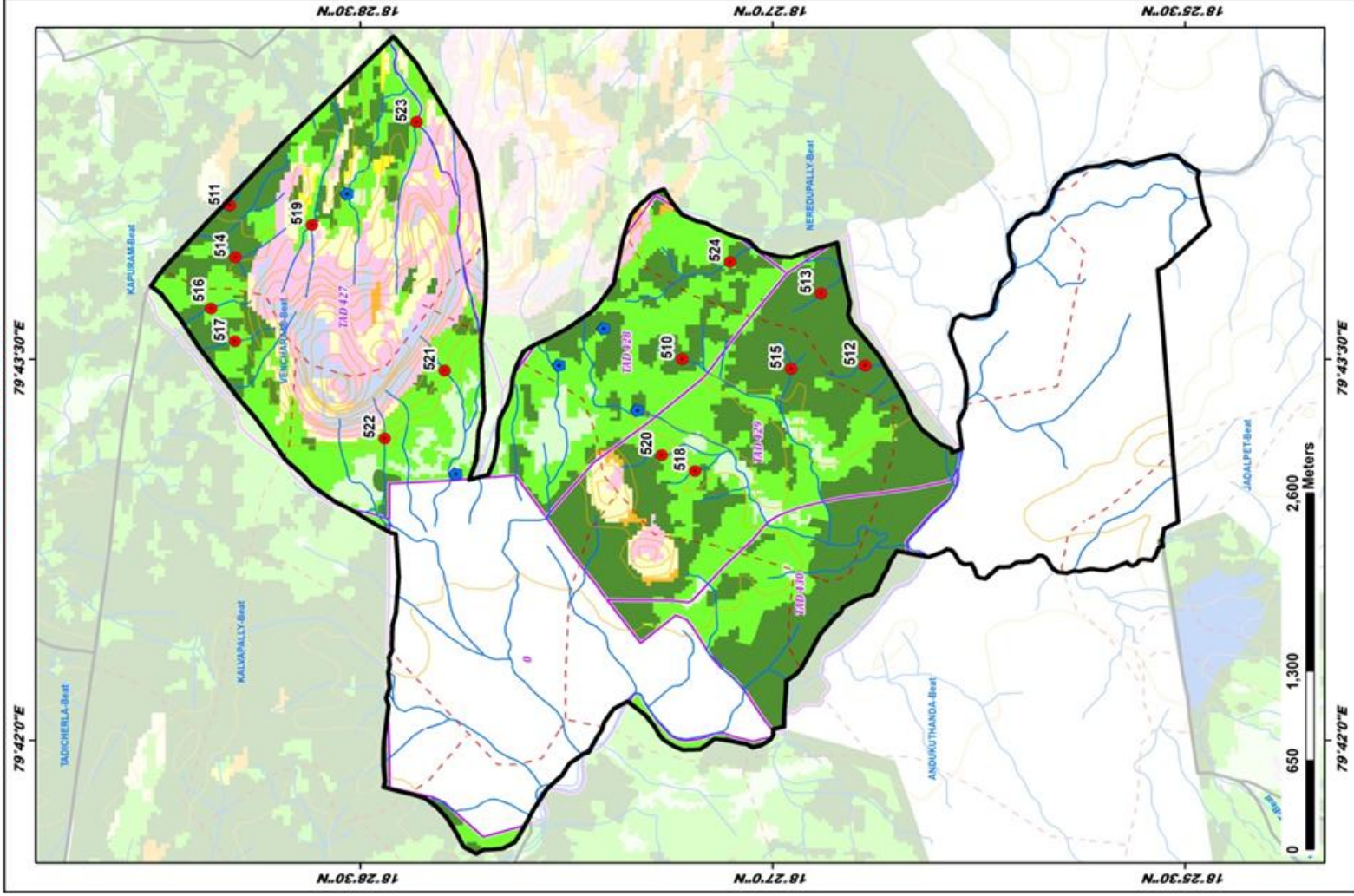
- LEGEND**
- Proposed PTs
 - Existing CD/PTs
 - Contours
 - Streams
 - - Watershed Boundary
 - ▭ Compartment Boundary
 - ▭ Beat Boundary
 - ▭ Division Boundary
- Suitability Index**
- CCTs/SCTs - Highly Suitable
 - CCTs/SCTs - Moderately Suitable
 - CCTs/SCTs - Least Suitable
 - PTs - Highly Suitable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



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



Division : Bhupalpally
Range : Chelpur

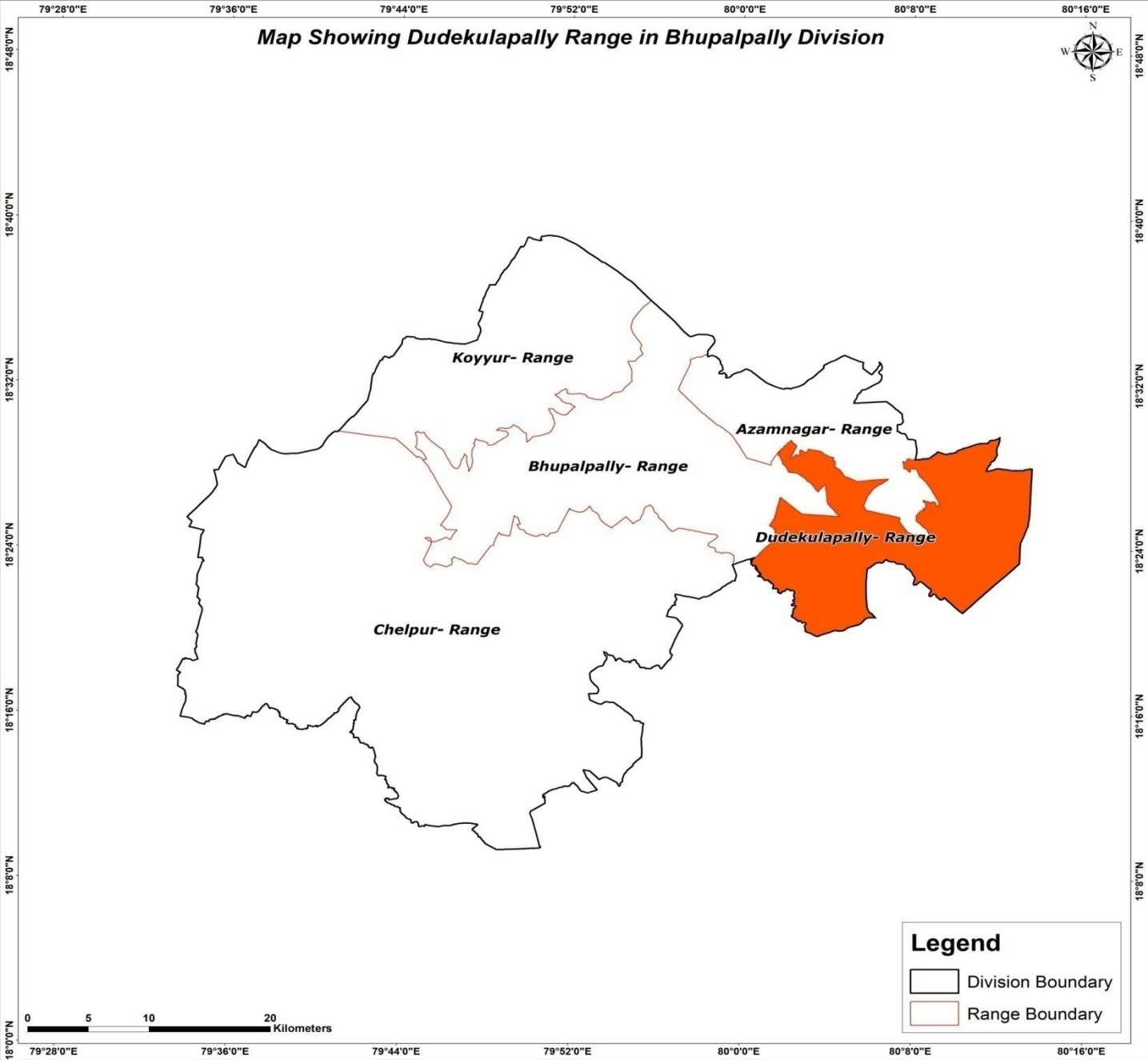
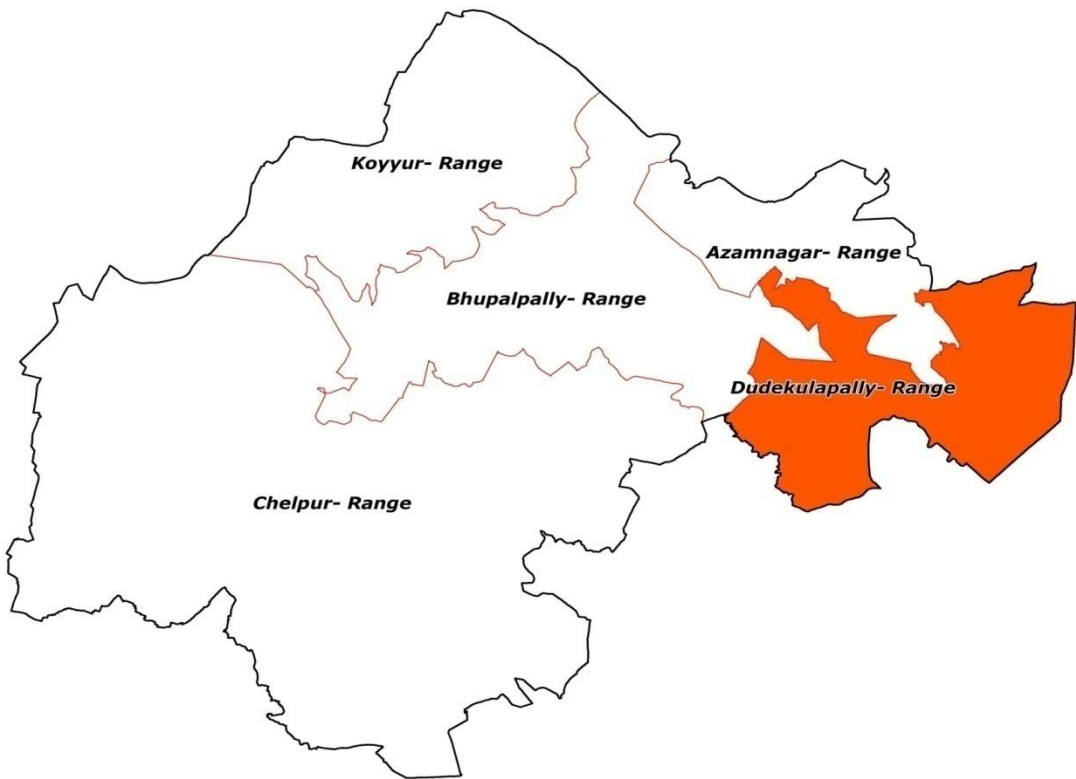


ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
510	18.455473	79.725029	10.61	I
511	18.482913	79.735125	8.59	I
512	18.444381	79.724607	13.55	I
514	18.447061	79.729350	17.43	I
515	18.482563	79.731719	13.97	I
516	18.448864	79.724392	10.97	I
517	18.484033	79.728352	6.65	II
518	18.454698	79.717678	14.05	II
519	18.477934	79.733837	16.99	II
520	18.456728	79.718722	11.21	II
521	18.469883	79.724291	20.15	II
522	18.473922	79.718828	8.59	II
523	18.471576	79.740630	34.71	III
524	18.453579	79.731411	60.97	IV

LEGEND

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

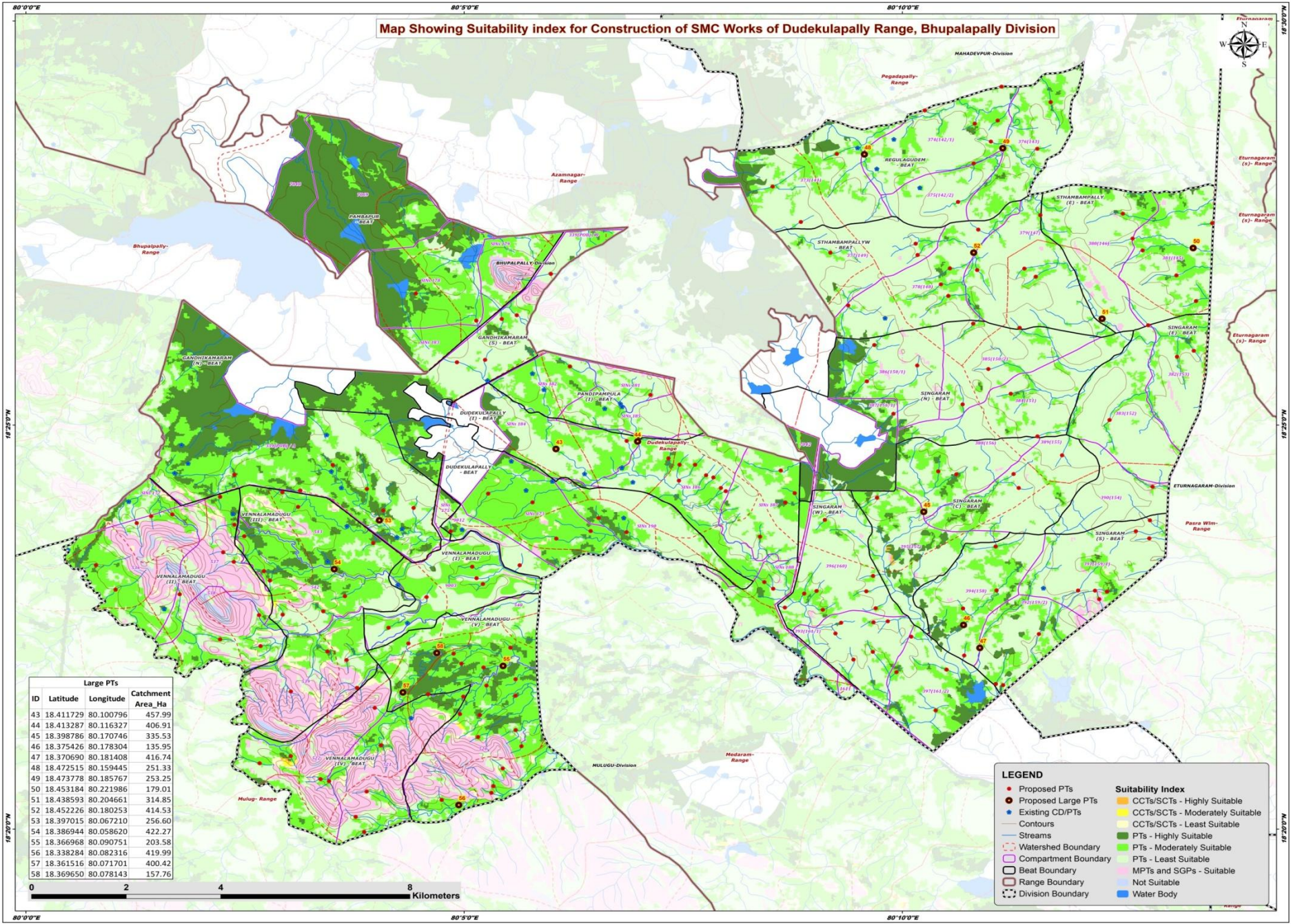
Map Showing Dudekulapally Range in Bhupalpally Division



Legend

- Division Boundary
- Range Boundary

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



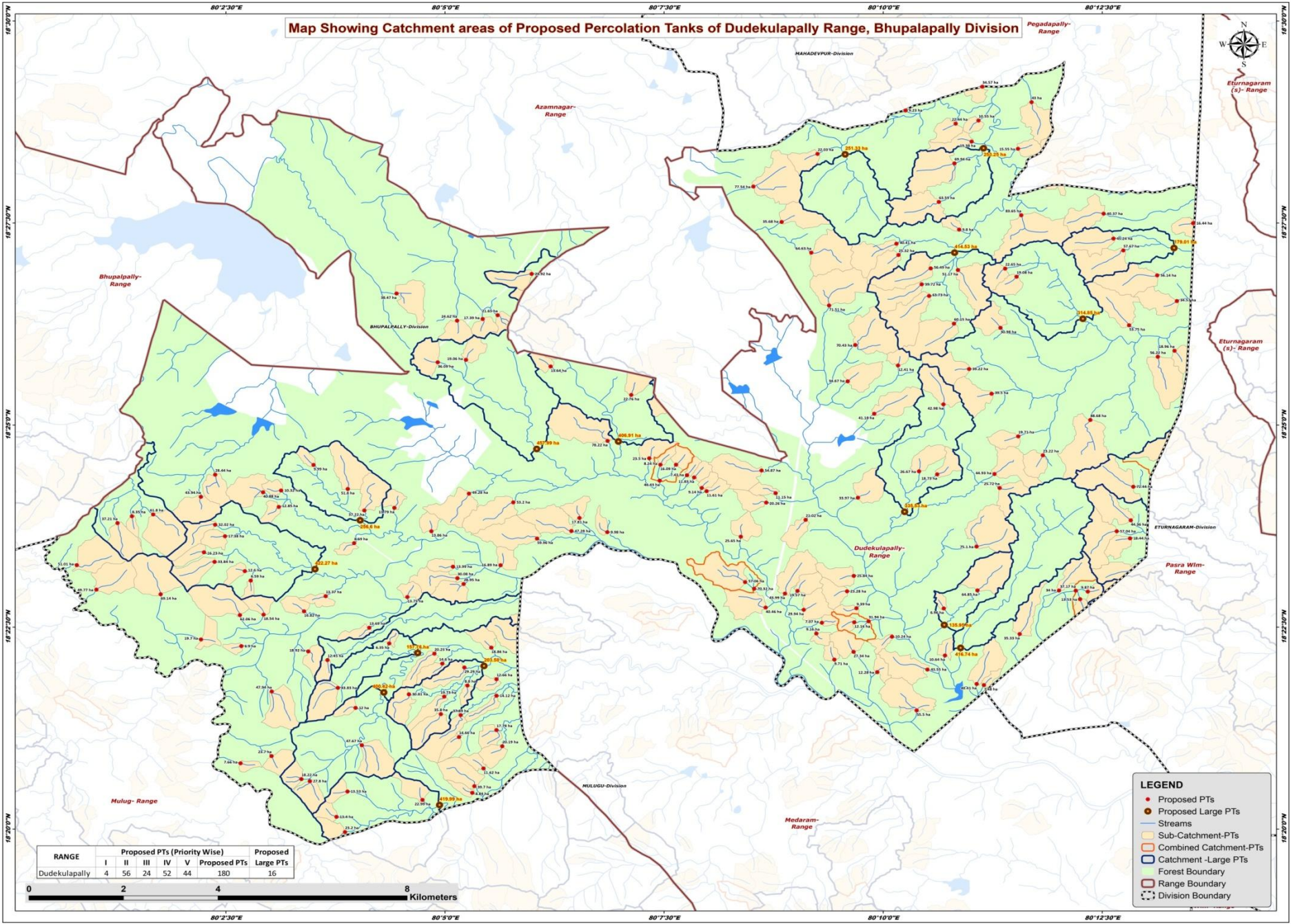
Large PTs			
ID	Latitude	Longitude	Catchment Area_Ha
43	18.411729	80.100796	457.99
44	18.413287	80.116327	406.91
45	18.398786	80.170746	335.53
46	18.375426	80.178304	135.95
47	18.370690	80.181408	416.74
48	18.472515	80.159445	251.33
49	18.473778	80.185767	253.25
50	18.453184	80.221986	179.01
51	18.438593	80.204661	314.85
52	18.452226	80.180253	414.53
53	18.397015	80.067210	256.60
54	18.386944	80.058620	422.27
55	18.366968	80.090751	203.58
56	18.338284	80.082316	419.99
57	18.361516	80.071701	400.42
58	18.369650	80.078143	157.76

LEGEND

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



Map Showing Catchment areas of Proposed Percolation Tanks of Dudekulapally Range, Bhupalapally Division



RANGE	Proposed PTs (Priority Wise)					Proposed Large PTs
	I	II	III	IV	V	
Dudekulapally	4	56	24	52	44	180

LEGEND

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

0 2 4 8 Kilometers



Eturnagar (s)- Range

Eturnagar (s)- Range

ETURNAGARAM-Division

Passa Wim-Range

Medaram-Range

Azannagar-Range

BHUPALPALLY-Division

Bhupalpally-Range

Mulug-Range

MULUGU-Division

Medaram-Range

Dudekulapally-Range

MAHADEVPUR-Division

Pegadapally-Range

M.A.52.51
M.A.52.51
M.A.52.51
M.A.52.51

N.03.03
N.02.30"N
N.02.30"N
N.02.30"N
N.02.30"N

80°2'30"E 80°5'0"E 80°7'30"E 80°10'0"E 80°12'30"E

Beat wise Abstract of Proposed PT's – Dudekulapally Range

S. No.	Beat	Proposed PT's
1	DUDEKULAPALLY	8
2	DUDEKULAPALLY-I	15
3	GANDHIKAMARAM NORTH	6
4	GANDHIKAMARAM SOUTH	5
5	PAMBAPUR	2
6	PANDIPAMPULA1	2
7	REGULAGUDEM	12
8	SINGARAM CENTRAL	6
9	SINGARAM EAST	4
10	SINGARAM N	9
11	SINGARAM S	14
12	SINGARAM WEST	18
13	STHAMBAMPALLY E	7
14	STHAMBAMPALLYW	13
15	VENNALAMADUGU1	5
16	VENNALAMADUGU2	13
17	VENNALAMADUGU3	13
18	VENNALAMADUGU4	10
19	VENNALAMADUGU5	18
	Total	180

List of Proposed PTs – Dudekulapally 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
525	18.397485	80.108910	17.81	II	DUDEKULAPALLY	565	18.417713	80.206078	88.68	V	SINGARAM EAST	605	18.369869	80.161044	27.34	V	SINGARAM WEST
526	18.394766	80.080751	13.86	II	DUDEKULAPALLY	566	18.430747	80.218910	56.22	V	SINGARAM EAST	606	18.376180	80.163903	31.94	V	SINGARAM WEST
527	18.394561	80.114218	9.98	II	DUDEKULAPALLY	567	18.428946	80.169501	12.41	IV	SINGARAM N	607	18.379021	80.144329	40.46	V	SINGARAM WEST
528	18.394800	80.107398	47.28	III	DUDEKULAPALLY	568	18.414331	80.192363	19.71	IV	SINGARAM N	608	18.472607	80.154205	22.03	II	REGULAGUDEM
529	18.402532	80.087907	49.28	III	DUDEKULAPALLY	569	18.428223	80.183028	39.22	V	SINGARAM N	609	18.478850	80.180453	22.44	II	REGULAGUDEM
530	18.387742	80.093902	16.89	IV	DUDEKULAPALLY	570	18.420943	80.178134	42.98	V	SINGARAM N	610	18.479490	80.184812	10.55	II	REGULAGUDEM
531	18.393244	80.100864	59.96	IV	DUDEKULAPALLY	571	18.425690	80.159930	34.67	V	SINGARAM N	611	18.481564	80.170935	9.23	II	REGULAGUDEM
532	18.400726	80.096334	53.20	IV	DUDEKULAPALLY	572	18.423125	80.187300	39.50	V	SINGARAM N	612	18.483275	80.194891	43.00	III	REGULAGUDEM
533	18.400668	80.144444	20.26	I	DUDEKULAPALLY-I	573	18.418990	80.164984	41.18	V	SINGARAM N	613	18.486472	80.185538	34.57	III	REGULAGUDEM
534	18.408476	80.127274	16.09	II	DUDEKULAPALLY-I	574	18.433186	80.161360	70.43	V	SINGARAM N	614	18.465857	80.142003	77.54	IV	REGULAGUDEM
535	18.402605	80.146213	11.15	II	DUDEKULAPALLY-I	575	18.437587	80.180152	60.15	V	SINGARAM N	615	18.475129	80.183497	19.38	IV	REGULAGUDEM
536	18.405857	80.130743	11.83	II	DUDEKULAPALLY-I	576	18.382313	80.205589	9.87	I	SINGARAM S	616	18.470645	80.180237	69.94	IV	REGULAGUDEM
537	18.408491	80.124308	8.24	II	DUDEKULAPALLY-I	577	18.380751	80.204119	13.53	II	SINGARAM S	617	18.473661	80.192328	15.55	IV	REGULAGUDEM
538	18.409807	80.122196	23.50	II	DUDEKULAPALLY-I	578	18.378824	80.178211	6.96	II	SINGARAM S	618	18.462679	80.177267	63.59	V	REGULAGUDEM
539	18.393629	80.139594	25.65	III	DUDEKULAPALLY-I	579	18.363246	80.184449	40.41	III	SINGARAM S	619	18.458566	80.147368	35.68	V	REGULAGUDEM
540	18.403687	80.132162	9.14	IV	DUDEKULAPALLY-I	580	18.363022	80.185831	7.48	IV	SINGARAM S	620	18.458293	80.225619	16.44	II	STHAMBAMPALLY E
541	18.403030	80.133096	11.61	IV	DUDEKULAPALLY-I	581	18.369136	80.178440	10.64	IV	SINGARAM S	621	18.460263	80.208608	40.37	III	STHAMBAMPALLY E
542	18.384270	80.140420	57.06	IV	DUDEKULAPALLY-I	582	18.382553	80.184593	64.85	IV	SINGARAM S	622	18.442236	80.222532	34.57	V	STHAMBAMPALLY E
543	18.406316	80.129354	7.43	IV	DUDEKULAPALLY-I	583	18.391595	80.184431	75.10	IV	SINGARAM S	623	18.452679	80.212349	57.67	V	STHAMBAMPALLY E
544	18.413398	80.114256	78.22	V	DUDEKULAPALLY-I	584	18.393304	80.213635	18.44	IV	SINGARAM S	624	18.455120	80.210469	45.24	V	STHAMBAMPALLY E
545	18.407292	80.143555	54.87	V	DUDEKULAPALLY-I	585	18.397024	80.213763	44.36	V	SINGARAM S	625	18.437235	80.213437	53.75	V	STHAMBAMPALLY E
546	18.382896	80.142127	70.32	V	DUDEKULAPALLY-I	586	18.382503	80.203312	37.17	V	SINGARAM S	626	18.447542	80.218790	56.14	V	STHAMBAMPALLY E
547	18.405190	80.124185	46.43	V	DUDEKULAPALLY-I	587	18.394750	80.211090	57.04	V	SINGARAM S	627	18.447275	80.192043	19.08	II	STHAMBAMPALLYW
548	18.439331	80.093354	21.65	IV	GANDHIKAMARAM SOUTH	588	18.382537	80.200102	34.00	V	SINGARAM S	628	18.436723	80.188989	30.98	III	STHAMBAMPALLYW
549	18.430110	80.087327	19.06	IV	GANDHIKAMARAM SOUTH	589	18.373552	80.192637	35.33	V	SINGARAM S	629	18.443294	80.175418	63.73	IV	STHAMBAMPALLYW
550	18.438537	80.090502	17.39	IV	GANDHIKAMARAM SOUTH	590	18.365710	80.165544	12.28	II	SINGARAM WEST	630	18.448988	80.175713	56.49	IV	STHAMBAMPALLYW
551	18.429620	80.081973	36.09	V	GANDHIKAMARAM SOUTH	591	18.382452	80.150371	19.57	II	SINGARAM WEST	631	18.452229	80.153001	64.63	IV	STHAMBAMPALLYW
552	18.447842	80.099830	28.92	V	GANDHIKAMARAM SOUTH	592	18.382373	80.159817	23.28	II	SINGARAM WEST	632	18.456968	80.181117	9.80	IV	STHAMBAMPALLYW
553	18.438210	80.085641	24.62	II	PAMBAPUR	593	18.385560	80.161099	25.84	III	SINGARAM WEST	633	18.448944	80.189875	22.65	IV	STHAMBAMPALLYW
554	18.443790	80.074134	38.47	III	PAMBAPUR	594	18.381898	80.148001	43.99	III	SINGARAM WEST	634	18.459953	80.192927	83.65	IV	STHAMBAMPALLYW
555	18.428735	80.103434	13.64	II	PANDIPAMPULA1	595	18.378561	80.151558	29.94	III	SINGARAM WEST	635	18.454068	80.169204	40.41	V	STHAMBAMPALLYW
556	18.422883	80.118771	22.76	IV	PANDIPAMPULA1	596	18.366225	80.175088	43.55	III	SINGARAM WEST	636	18.445688	80.174005	39.72	V	STHAMBAMPALLYW
557	18.406502	80.176940	18.73	II	SINGARAM CENTRAL	597	18.397102	80.151937	21.02	IV	SINGARAM WEST	637	18.448642	80.180893	51.17	V	STHAMBAMPALLYW
558	18.407109	80.173503	26.67	III	SINGARAM CENTRAL	598	18.375884	80.155022	7.07	IV	SINGARAM WEST	638	18.451747	80.169584	25.32	V	STHAMBAMPALLYW
559	18.401673	80.161858	33.97	III	SINGARAM CENTRAL	599	18.375967	80.161190	12.16	IV	SINGARAM WEST	639	18.441334	80.156381	71.51	V	STHAMBAMPALLYW
560	18.410432	80.197050	23.22	IV	SINGARAM CENTRAL	600	18.357786	80.173031	55.50	IV	SINGARAM WEST	640	18.408443	80.058347	9.99	I	GANDHIKAMARAM (N)
561	18.406555	80.187834	44.93	V	SINGARAM CENTRAL	601	18.373017	80.168357	10.24	IV	SINGARAM WEST	641	18.399583	80.073722	13.79	II	GANDHIKAMARAM (N)
562	18.403684	80.188814	25.72	V	SINGARAM CENTRAL	602	18.368287	80.157380	9.71	IV	SINGARAM WEST	642	18.406438	80.039640	28.44	II	GANDHIKAMARAM (N)
563	18.431990	80.222091	18.96	IV	SINGARAM EAST	603	18.373667	80.153961	9.16	IV	SINGARAM WEST	643	18.403171	80.052178	10.32	II	GANDHIKAMARAM (N)
564	18.403940	80.214251	72.44	IV	SINGARAM EAST	604	18.378871	80.161602	9.39	IV	SINGARAM WEST	644	18.399043	80.068003	37.22	III	GANDHIKAMARAM (N)

List of Proposed PTs – Dudekulapally Range

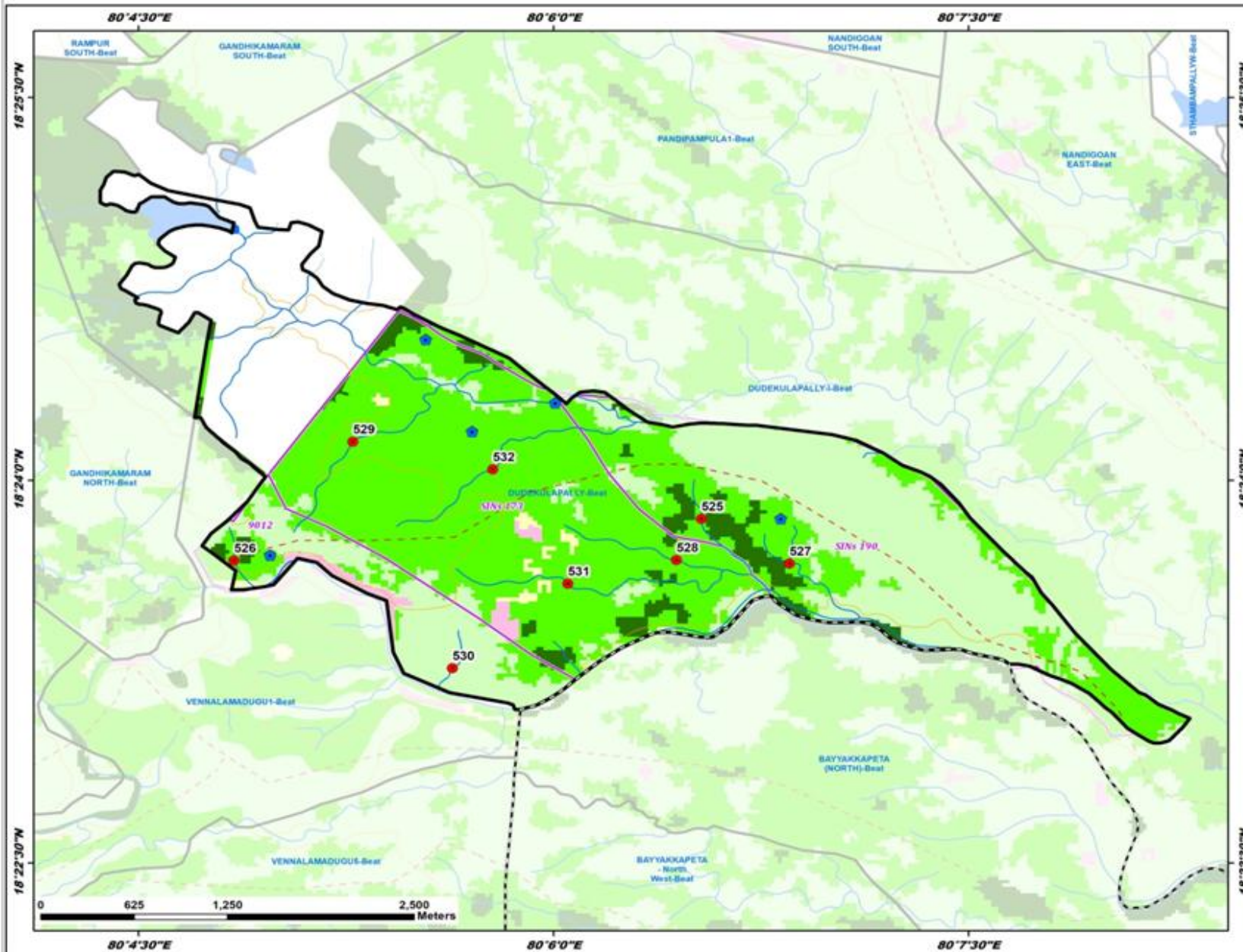
ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat
645	18.403470	80.064848	51.80	IV	GANDHIKAMARAM NORTH
646	18.374861	80.068950	13.69	II	VENNALAMADUGU1
647	18.387450	80.084875	13.99	II	VENNALAMADUGU1
648	18.383872	80.086903	28.95	III	VENNALAMADUGU1
649	18.381180	80.076196	13.75	IV	VENNALAMADUGU1
650	18.385076	80.085699	30.08	V	VENNALAMADUGU1
651	18.371059	80.044621	6.90	II	VENNALAMADUGU2
652	18.372431	80.036938	19.70	II	VENNALAMADUGU2
653	18.382721	80.017046	49.77	III	VENNALAMADUGU2
654	18.401864	80.036920	43.94	III	VENNALAMADUGU2
655	18.396111	80.039635	32.02	III	VENNALAMADUGU2
656	18.397860	80.023815	8.35	IV	VENNALAMADUGU2
657	18.377472	80.044336	62.06	IV	VENNALAMADUGU2
658	18.390425	80.037516	16.23	IV	VENNALAMADUGU2
659	18.387764	80.013327	51.01	IV	VENNALAMADUGU2
660	18.398237	80.027843	61.80	IV	VENNALAMADUGU2
661	18.388461	80.039526	33.84	V	VENNALAMADUGU2
662	18.396438	80.021074	37.21	V	VENNALAMADUGU2
663	18.381761	80.029261	69.14	V	VENNALAMADUGU2
664	18.378250	80.056549	16.82	II	VENNALAMADUGU3
665	18.369974	80.057343	18.92	II	VENNALAMADUGU3
666	18.384583	80.046400	6.59	II	VENNALAMADUGU3
667	18.393733	80.041517	17.38	II	VENNALAMADUGU3
668	18.381368	80.060649	13.37	II	VENNALAMADUGU3
669	18.377565	80.048832	18.54	II	VENNALAMADUGU3
670	18.392302	80.066058	8.69	II	VENNALAMADUGU3
671	18.386530	80.045275	12.60	II	VENNALAMADUGU3
672	18.399773	80.051754	12.85	II	VENNALAMADUGU3
673	18.402785	80.048748	40.88	III	VENNALAMADUGU3
674	18.368187	80.060984	12.45	IV	VENNALAMADUGU3
675	18.362451	80.062976	43.83	V	VENNALAMADUGU3
676	18.361708	80.050389	47.94	V	VENNALAMADUGU3
677	18.350630	80.067522	47.67	II	VENNALAMADUGU4
678	18.341079	80.064799	13.53	II	VENNALAMADUGU4
679	18.343641	80.056028	18.22	II	VENNALAMADUGU4
680	18.360640	80.083192	19.73	II	VENNALAMADUGU4
681	18.346894	80.044446	7.66	II	VENNALAMADUGU4
682	18.348380	80.050350	23.70	II	VENNALAMADUGU4
683	18.358316	80.066340	12.00	IV	VENNALAMADUGU4
684	18.335832	80.062712	13.40	IV	VENNALAMADUGU4

ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat
685	18.332712	80.064337	23.20	IV	VENNALAMADUGU4
686	18.343207	80.057637	27.80	V	VENNALAMADUGU4
687	18.367451	80.082827	14.60	I	VENNALAMADUGU5
688	18.353761	80.093145	17.78	II	VENNALAMADUGU5
689	18.340801	80.088532	8.84	II	VENNALAMADUGU5
690	18.369502	80.081334	20.25	II	VENNALAMADUGU5
691	18.364241	80.093127	12.66	II	VENNALAMADUGU5
692	18.339330	80.079062	22.99	II	VENNALAMADUGU5
693	18.352323	80.086003	14.66	II	VENNALAMADUGU5
694	18.370752	80.092147	18.86	II	VENNALAMADUGU5
695	18.362942	80.087598	8.80	II	VENNALAMADUGU5
696	18.361135	80.076482	30.81	II	VENNALAMADUGU5
697	18.356847	80.086317	37.89	II	VENNALAMADUGU5
698	18.360823	80.093131	14.12	II	VENNALAMADUGU5
699	18.350423	80.094242	20.19	II	VENNALAMADUGU5
700	18.342167	80.088923	39.70	III	VENNALAMADUGU5
701	18.366664	80.087027	29.29	III	VENNALAMADUGU5
702	18.357049	80.082548	35.80	III	VENNALAMADUGU5
703	18.371606	80.072745	6.35	IV	VENNALAMADUGU5
704	18.345815	80.090674	11.62	IV	VENNALAMADUGU5

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



Division : Bhupalpally
Range : Dudekulapally

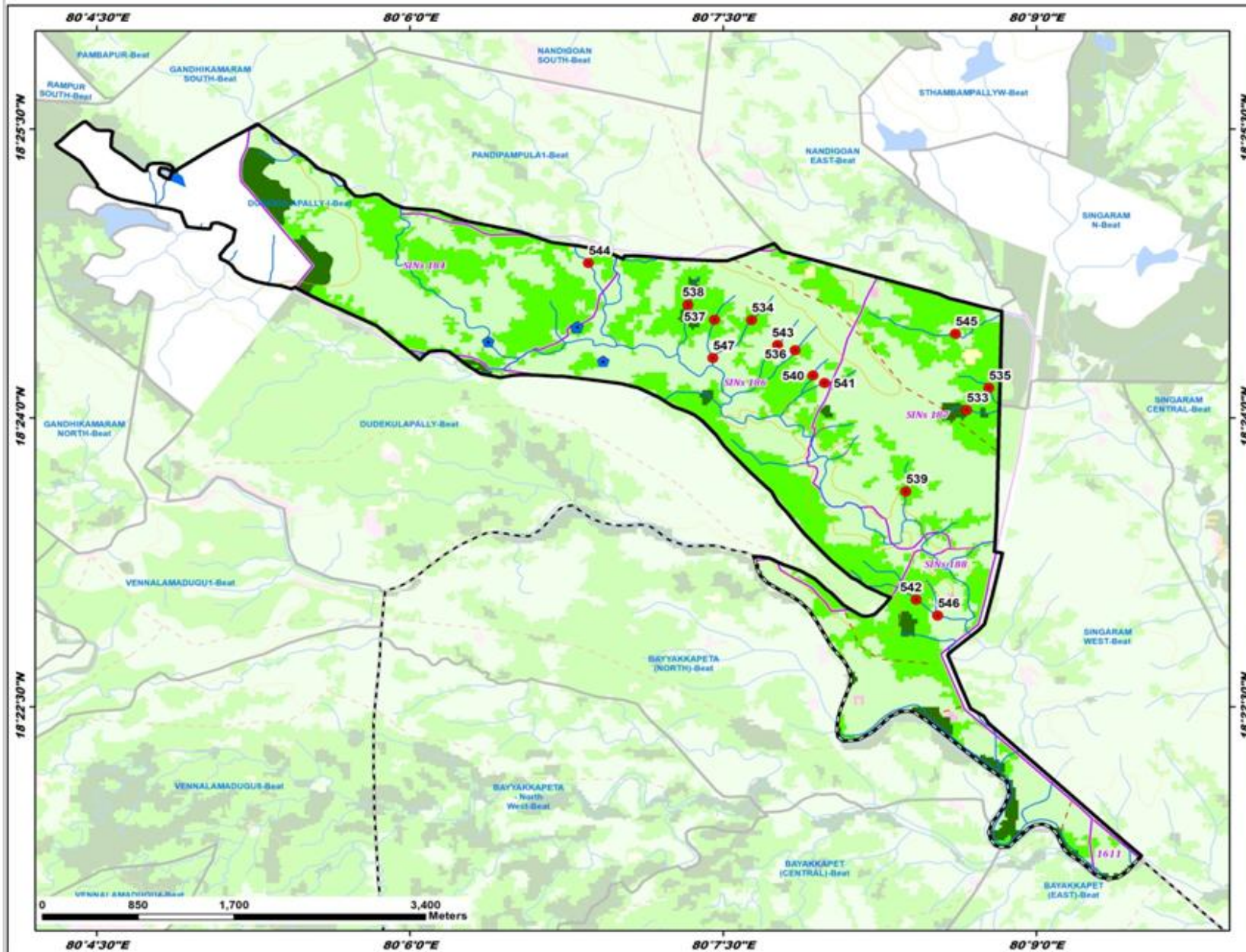


ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
525	18.397485	80.108910	17.81	II
526	18.394766	80.080751	13.86	II
527	18.394561	80.114218	9.98	II
528	18.394800	80.107398	47.28	III
529	18.402532	80.087907	49.28	III
530	18.387742	80.093902	16.89	IV
531	18.393244	80.100864	59.96	IV
532	18.400726	80.096534	53.20	IV

LEGEND

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

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



Division : Bhupalpally
Range : Dudekulapally

ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
533	18.400668	80.144444	20.26	I
534	18.408476	80.127274	16.09	II
535	18.402605	80.146213	11.15	II
536	18.405857	80.130743	11.83	II
537	18.408491	80.124308	8.24	II
538	18.409907	80.122196	23.50	II
539	18.393629	80.139594	25.65	III
540	18.403687	80.132162	9.14	IV
541	18.403030	80.133096	11.61	IV
542	18.384270	80.140420	57.06	IV
543	18.406316	80.129354	7.43	IV
544	18.413398	80.114256	78.22	V
545	18.407292	80.143555	54.87	V
546	18.382896	80.142127	70.32	V
547	18.405190	80.124185	46.43	V

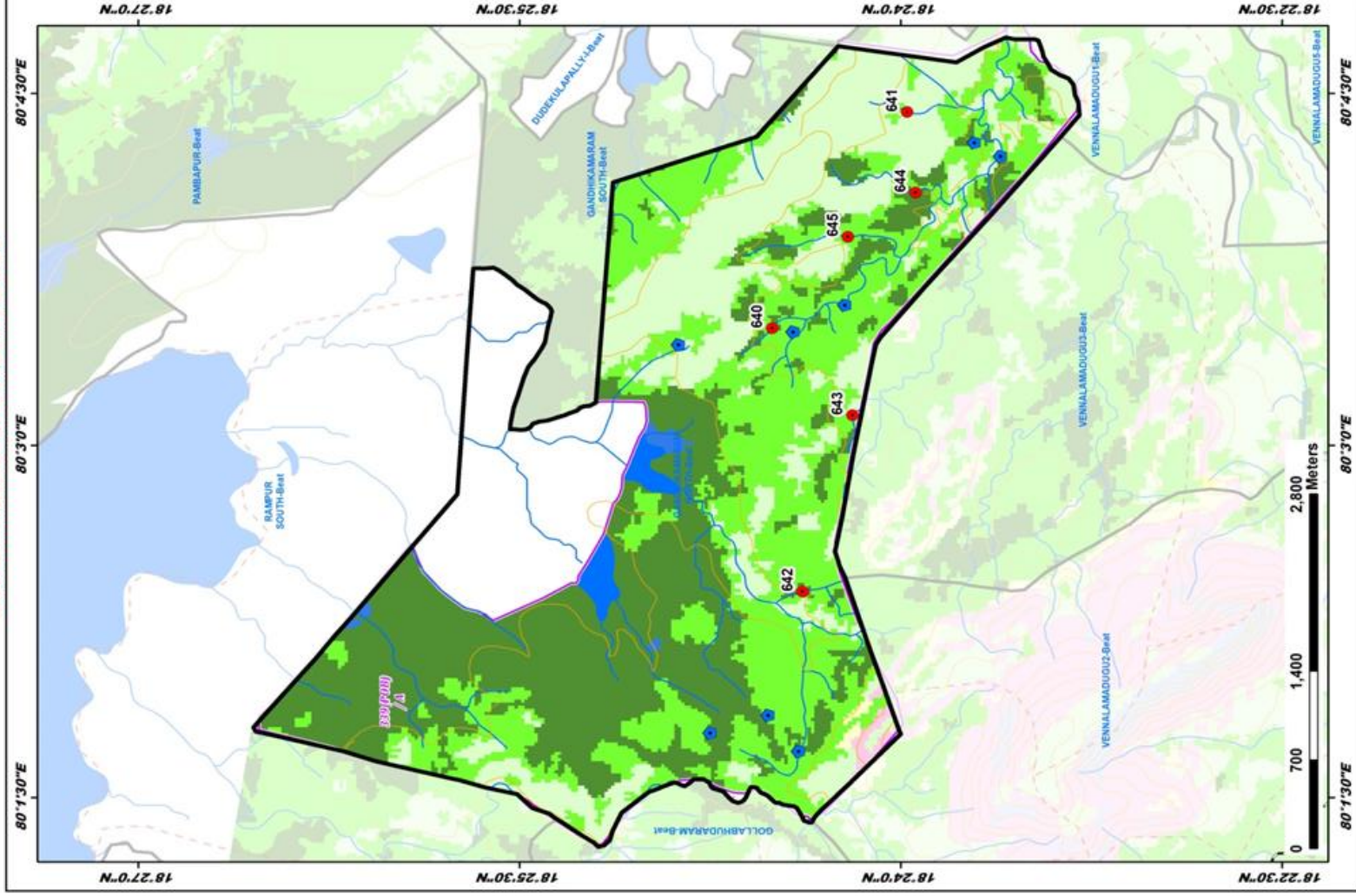
LEGEND

- 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 Gandhikamaram North Beat



Division : Bhupalpally
Range : Dudekulapally

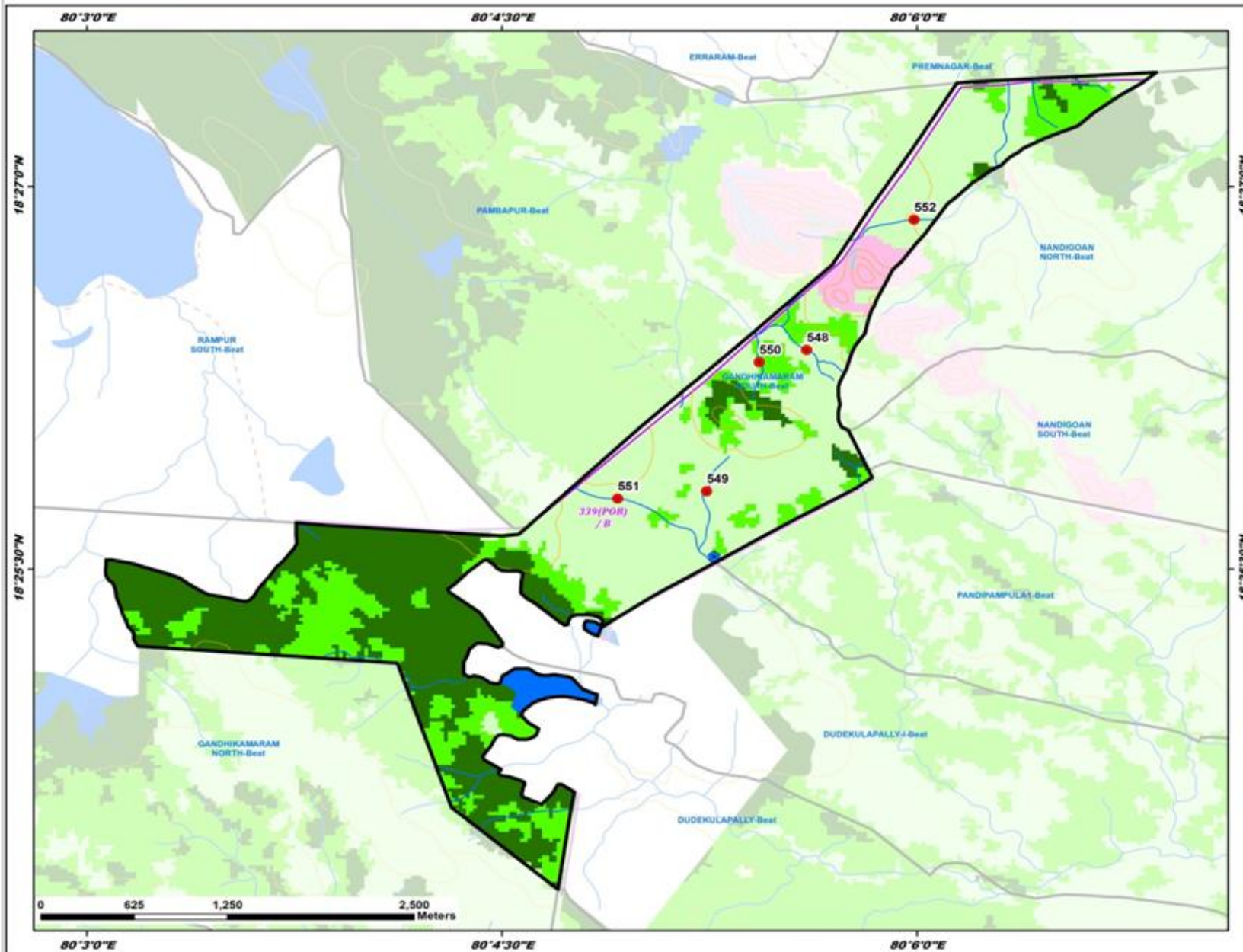


ID	Latitude	Longitude	Catchment Area Ha.	PRIORITY
640	18.40943	80.05347	9.99	I
641	18.39953	80.07372	13.79	II
642	18.40648	80.03960	28.44	II
643	18.40317	80.052176	10.32	II
644	18.39903	80.06803	37.22	III
645	18.40307	80.06488	51.80	IV

LEGEND

- Proposed PTs
 - Existing CDPs
 - Contours
 - Streams
 - Watershed Boundary
 - Compartment Boundary
 - Beat Boundary
 - Division Boundary
- ### Suitability 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 Gandhikamaram South Beat



Division : Bhupalpally
Range : Dudekulapally

ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
548	18.439331	80.093354	21.65	IV
549	18.430110	80.087327	19.06	IV
550	18.438537	80.090502	17.39	IV
551	18.429620	80.081973	36.09	V
552	18.447842	80.098830	28.92	V

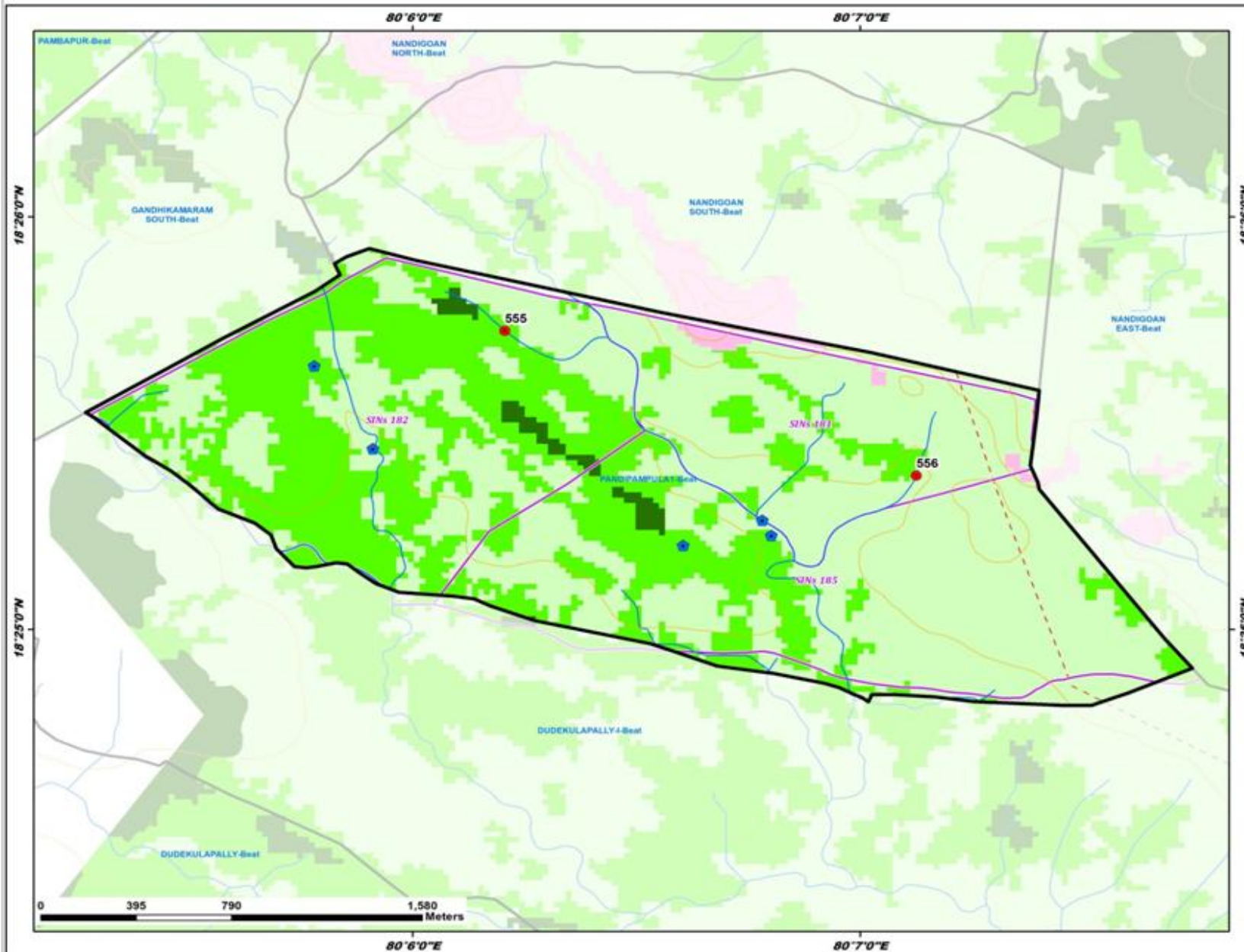
LEGEND

- 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 Pandipampula-I Beat



Division : Bhupalpally
Range : Dudekulapally



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
555	18.428735	80.109434	13.64	II
556	18.422883	80.118771	22.76	IV

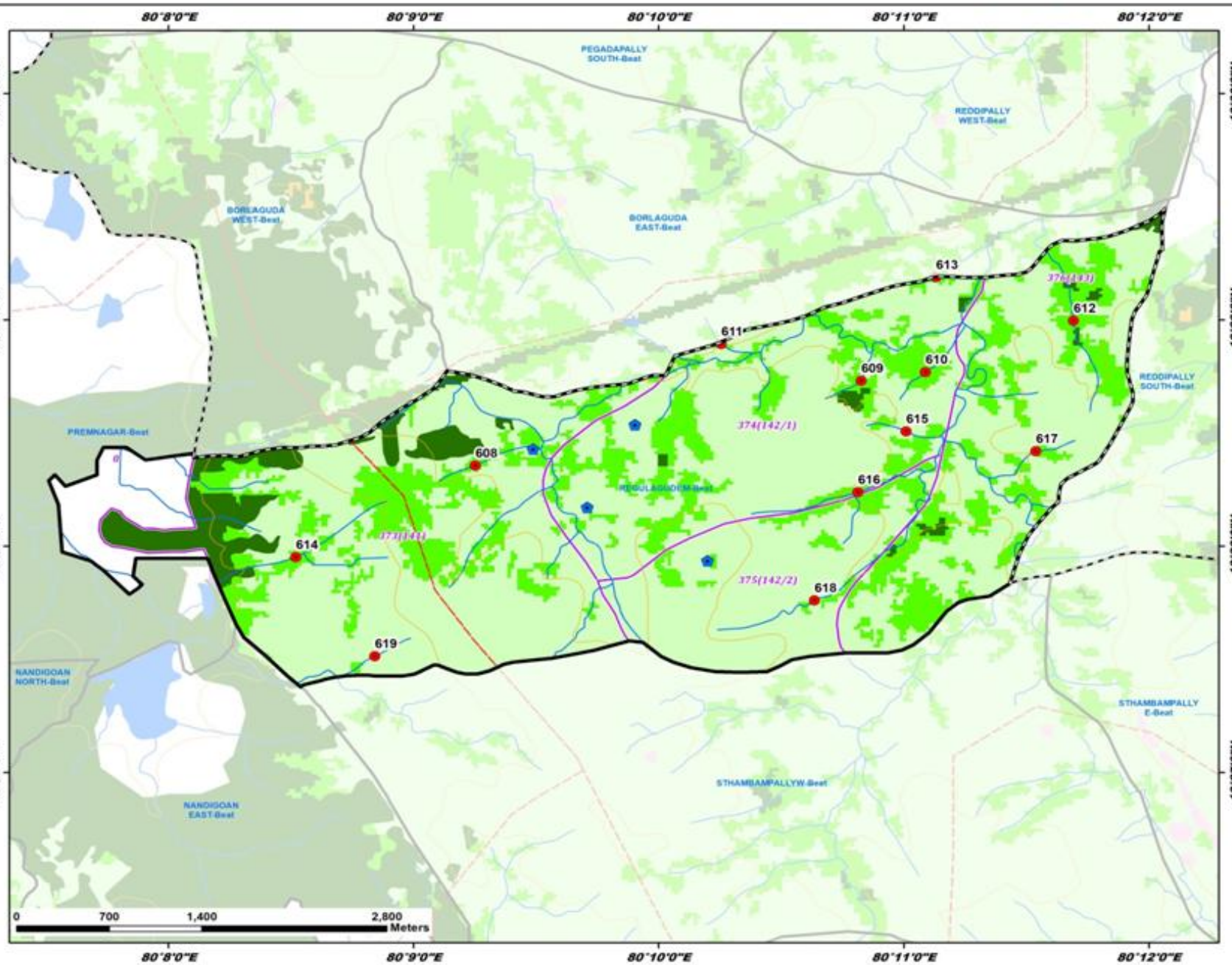
LEGEND

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

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



Division : Bhupalpally
Range : Dudekulapally



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
608	18.472607	80.154205	22.03	II
609	18.478850	80.180453	22.44	II
610	18.479490	80.184812	10.55	II
611	18.481564	80.170935	9.23	II
612	18.483275	80.194891	43.00	III
613	18.486472	80.185538	34.57	III
614	18.465857	80.142003	77.54	IV
615	18.475129	80.183497	15.38	IV
616	18.470645	80.180237	65.94	IV
617	18.473661	80.192328	15.55	IV
618	18.462679	80.177267	63.59	V
619	18.458566	80.147368	35.68	V

LEGEND

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

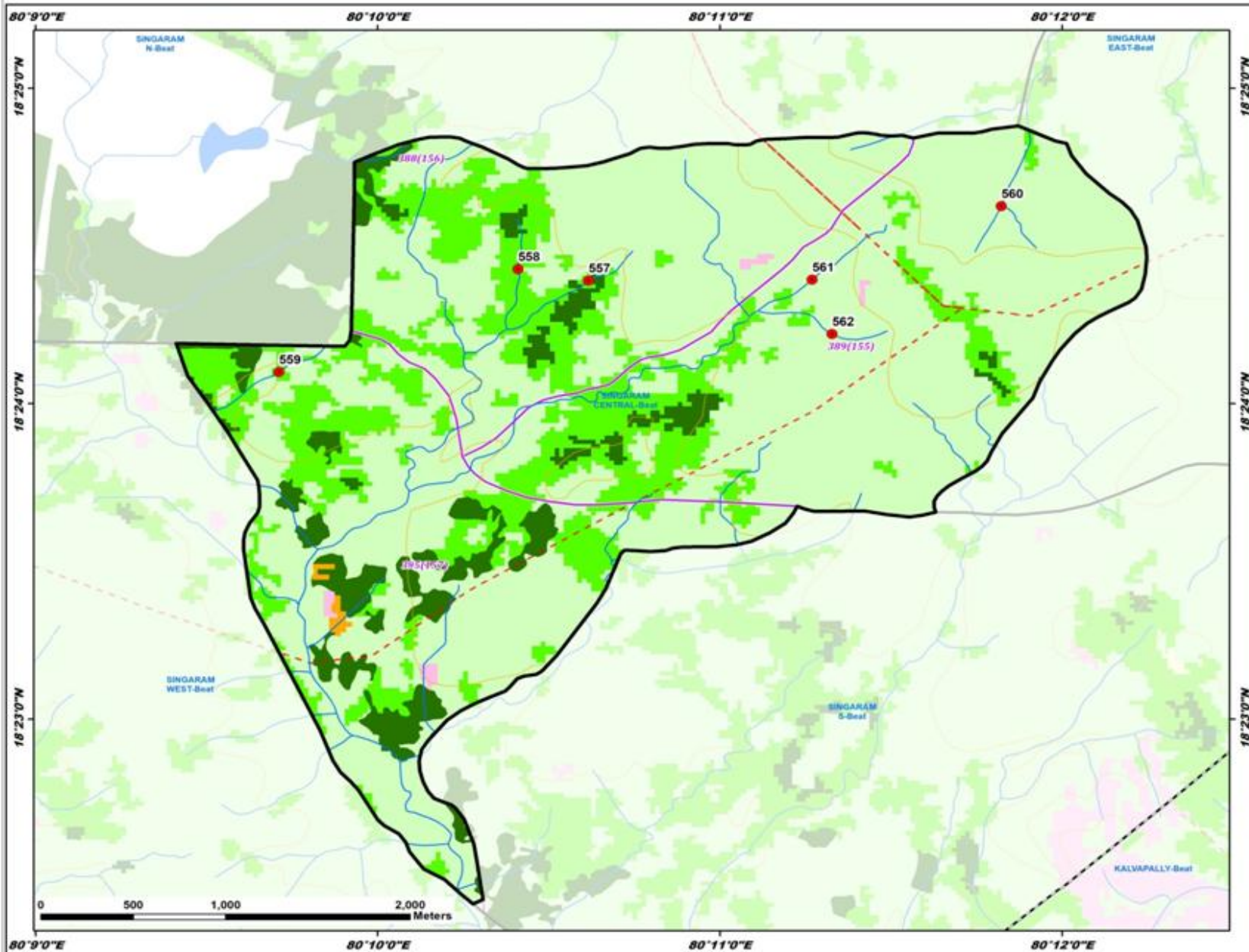
Suitability Index

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

Map Showing Suitability Index for Construction of SMC Works of Singaram Central Beat



Division : Bhupalpally
Range : Dudekulapally



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
557	18.406502	80.170940	18.73	II
558	18.407509	80.173503	26.67	III
559	18.401673	80.161858	33.97	III
560	18.410432	80.197090	23.22	IV
561	18.406555	80.187834	44.93	V
562	18.403684	80.188814	25.72	V

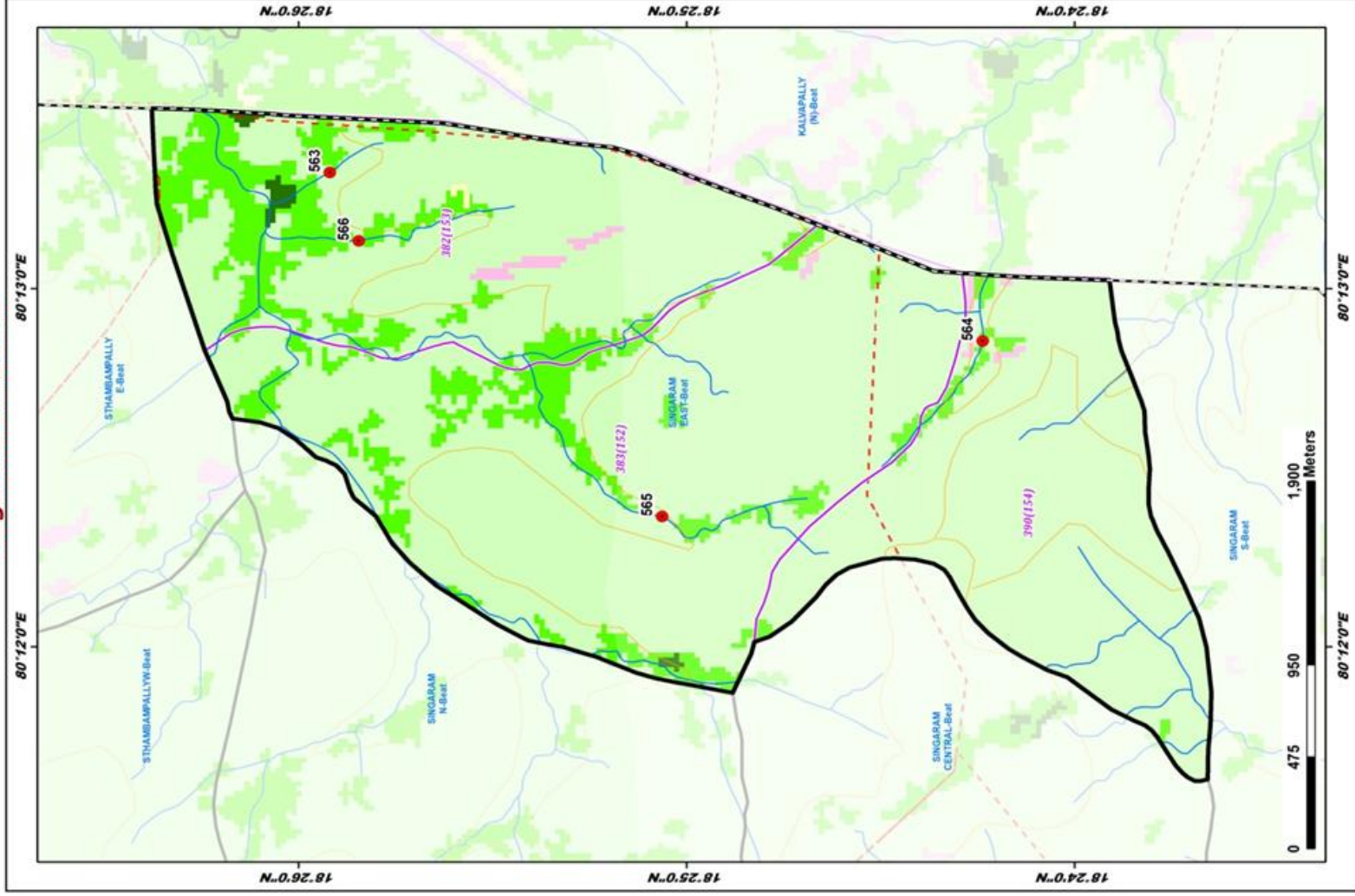
LEGEND

- 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 Singaram East Beat



Division : Bhupalpally
Range : Dudekulapally



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
563	18.431990	80.222091	18.96	IV
564	18.403940	80.214251	72.44	IV
565	18.417713	80.206078	88.68	V
566	18.430747	80.218910	56.22	V

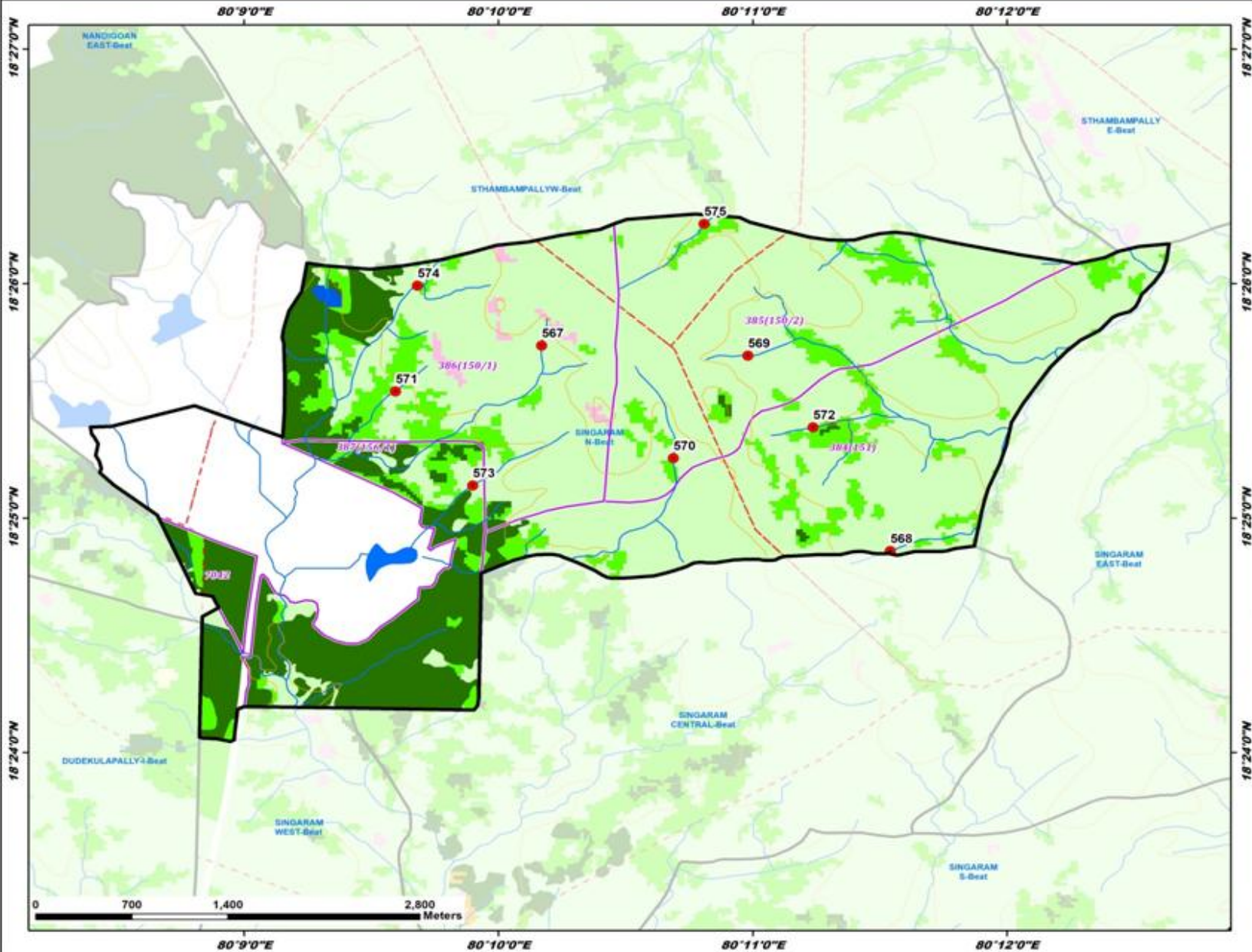
LEGEND

- Proposed PTs (Red dot)
 - Existing CDPTs (Blue dot)
 - Contours (Brown line)
 - Streams (Blue line)
 - Watershed Boundary (Dashed black line)
 - Compartment Boundary (Dashed red line)
 - Beat Boundary (Dashed purple line)
 - Division Boundary (Dashed black line)
- ### Suitability Index
- CCTs/SCTs - Highly Suitable (Orange)
 - CCTs/SCTs - Moderately Suitable (Yellow)
 - CCTs/SCTs - Least Suitable (Light Green)
 - PTs - Highly Suitable (Dark Green)
 - PTs - Moderately Suitable (Medium Green)
 - PTs - Least Suitable (Light Green)
 - MPTs and SGPs - Suitable (Pink)
 - Not Suitable (Light Blue)
 - Water Body (Dark Blue)

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



Division : Bhupalpally
Range : Dudekulapally



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
567	18.428946	80.169501	12.41	IV
568	18.414331	80.192363	19.71	IV
569	18.428223	80.183028	39.22	V
570	18.420943	80.178134	42.98	V
571	18.425690	80.159930	34.67	V
572	18.423125	80.187300	39.50	V
573	18.418990	80.164904	41.18	V
574	18.433186	80.161360	70.43	V
575	18.437587	80.180152	60.15	V

LEGEND

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

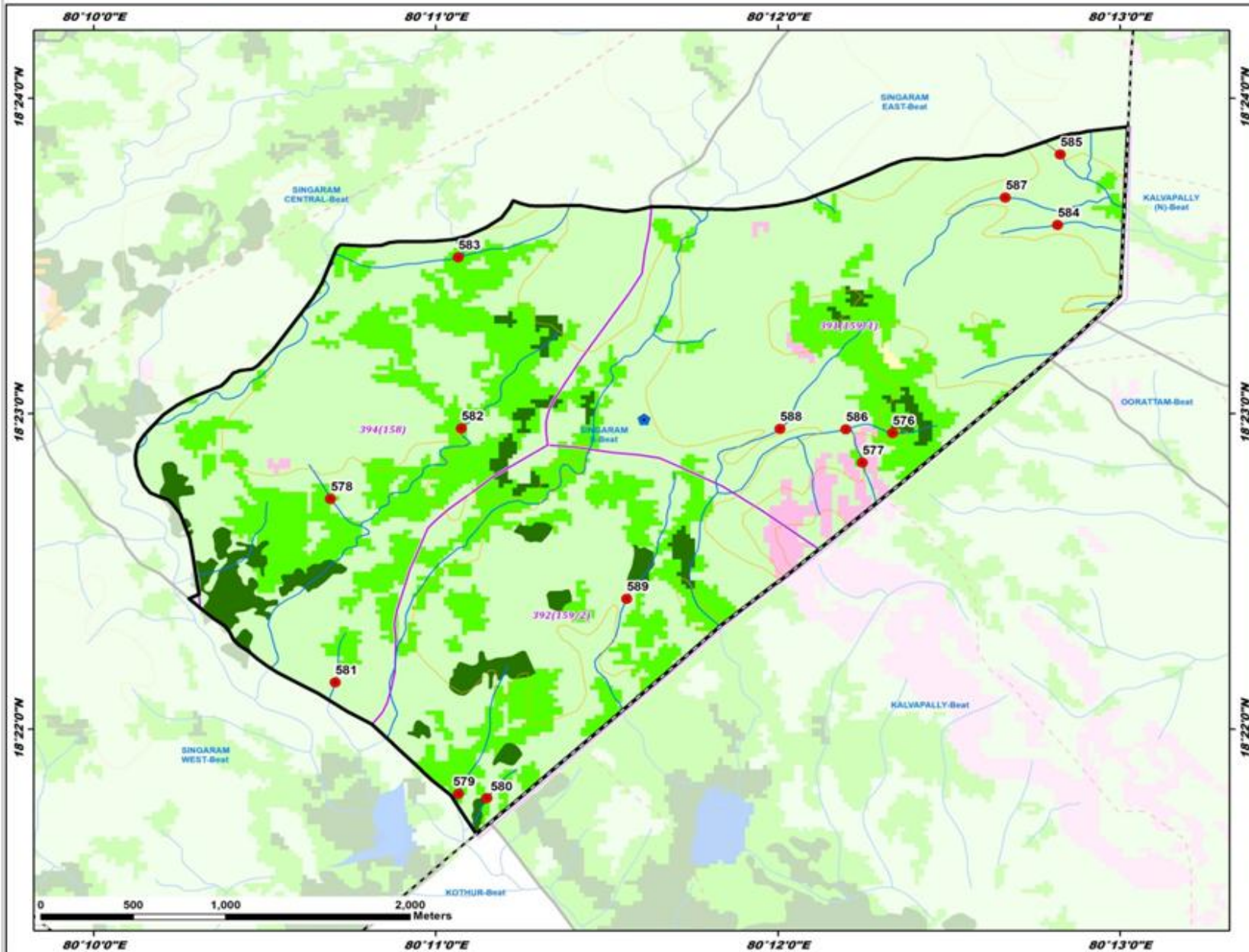
Suitability Index

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

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



Division : Bhupalpally
Range : Dudekulapally



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
576	18.382313	80.205589	9.87	I
577	18.380751	80.204119	13.53	II
578	18.378824	80.178211	6.96	II
579	18.363246	80.184449	40.41	III
580	18.363022	80.185431	7.48	IV
581	18.369136	80.178440	10.64	IV
582	18.382553	80.184593	64.85	IV
583	18.391595	80.184431	75.10	IV
584	18.393304	80.213635	18.44	IV
585	18.397024	80.213763	44.36	V
586	18.382508	80.203312	37.17	V
587	18.394750	80.211090	57.04	V
588	18.382537	80.200102	34.00	V
589	18.373552	80.192637	35.33	V

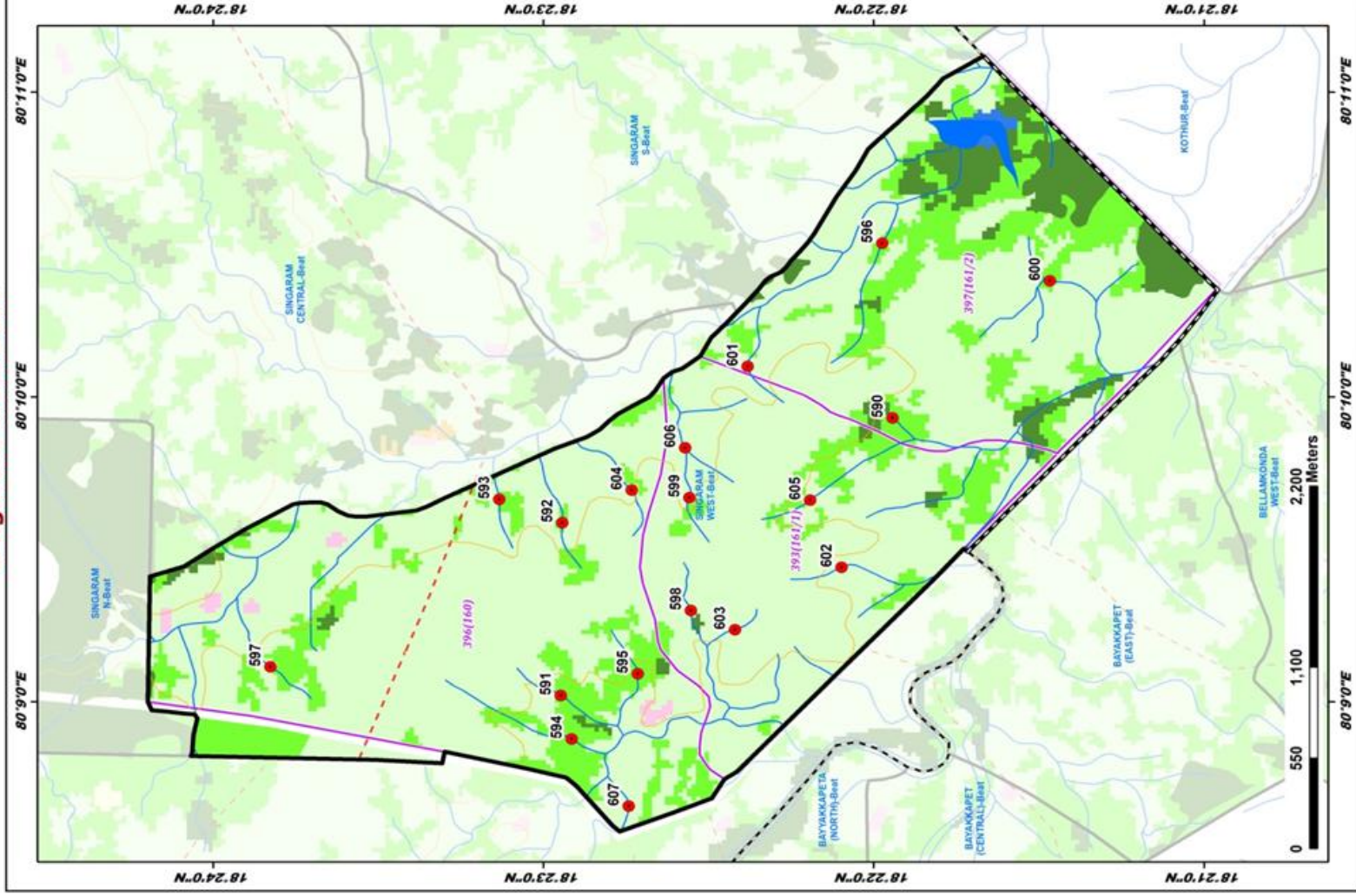
LEGEND

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

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



Division : Bhupalpally
Range : Dudevulapally



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
590	18.36710	80.16544	12.28	II
591	18.36242	80.15971	19.57	II
592	18.36273	80.15987	21.28	II
593	18.36560	80.16099	25.84	III
594	18.36188	80.14800	43.99	III
595	18.37661	80.15158	26.94	III
596	18.36625	80.17688	43.55	III
597	18.39710	80.15197	21.02	IV
598	18.37684	80.15622	7.07	IV
599	18.37967	80.16190	12.16	IV
600	18.35786	80.17931	55.50	IV
601	18.37917	80.16337	10.34	IV
602	18.36827	80.15780	9.71	IV
603	18.37467	80.15961	9.16	IV
604	18.37877	80.16162	9.39	IV
605	18.36989	80.16104	27.34	V
606	18.37618	80.16303	31.94	V
607	18.37901	80.14429	40.46	V

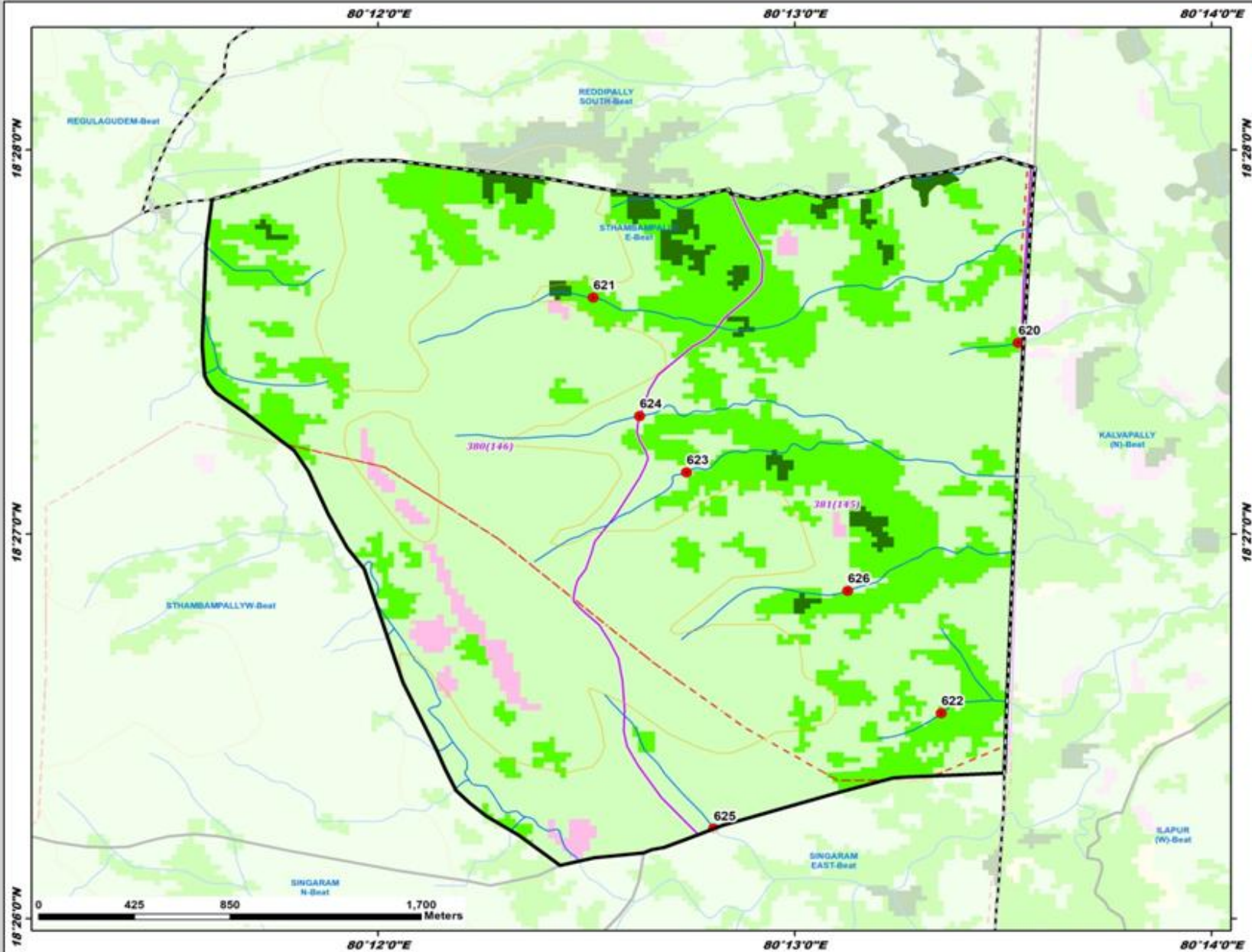
LEGEND

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

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



Division : Bhupalpally
Range : Dudekulapally



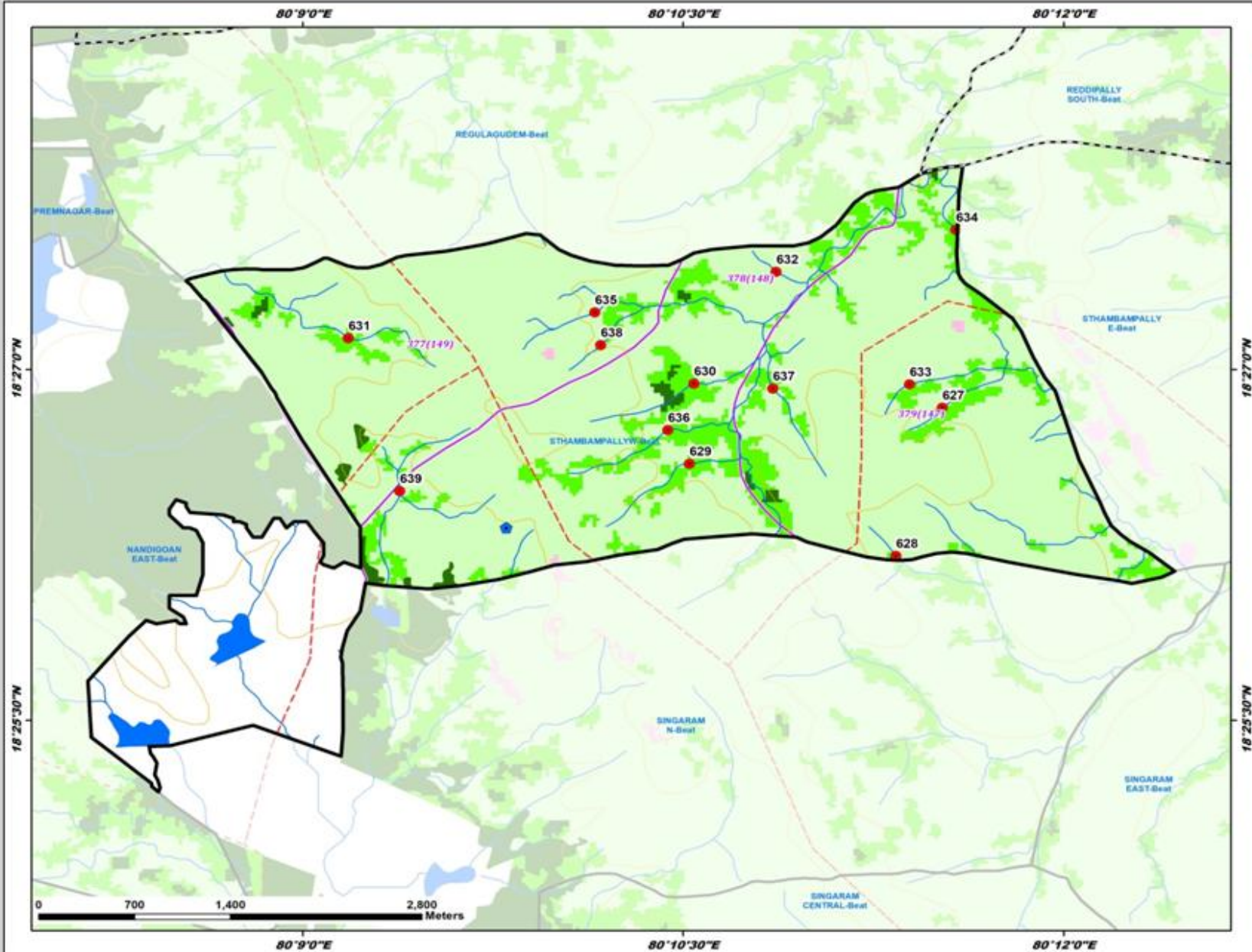
ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
620	18.458293	80.225619	16.44	II
621	18.460263	80.208608	40.87	III
622	18.442236	80.222532	34.57	V
623	18.452679	80.212349	57.67	V
624	18.455120	80.210469	45.24	V
625	18.437235	80.213437	53.75	V
626	18.447542	80.218790	56.14	V

- 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 Sthambampally West Beat



Division : Bhupalpally
Range : Dudekulapally



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
627	18.447275	80.192043	19.08	II
628	18.436723	80.188989	30.98	III
629	18.443294	80.175418	63.73	IV
630	18.448988	80.175713	56.49	IV
631	18.452229	80.153001	64.63	IV
632	18.456968	80.181117	9.80	IV
633	18.448944	80.189875	22.65	IV
634	18.459953	80.192927	83.65	IV
635	18.454068	80.169204	40.41	V
636	18.445688	80.174005	39.72	V
637	18.448642	80.180893	51.17	V
638	18.451747	80.169584	25.32	V
639	18.441134	80.156381	71.51	V

LEGEND

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

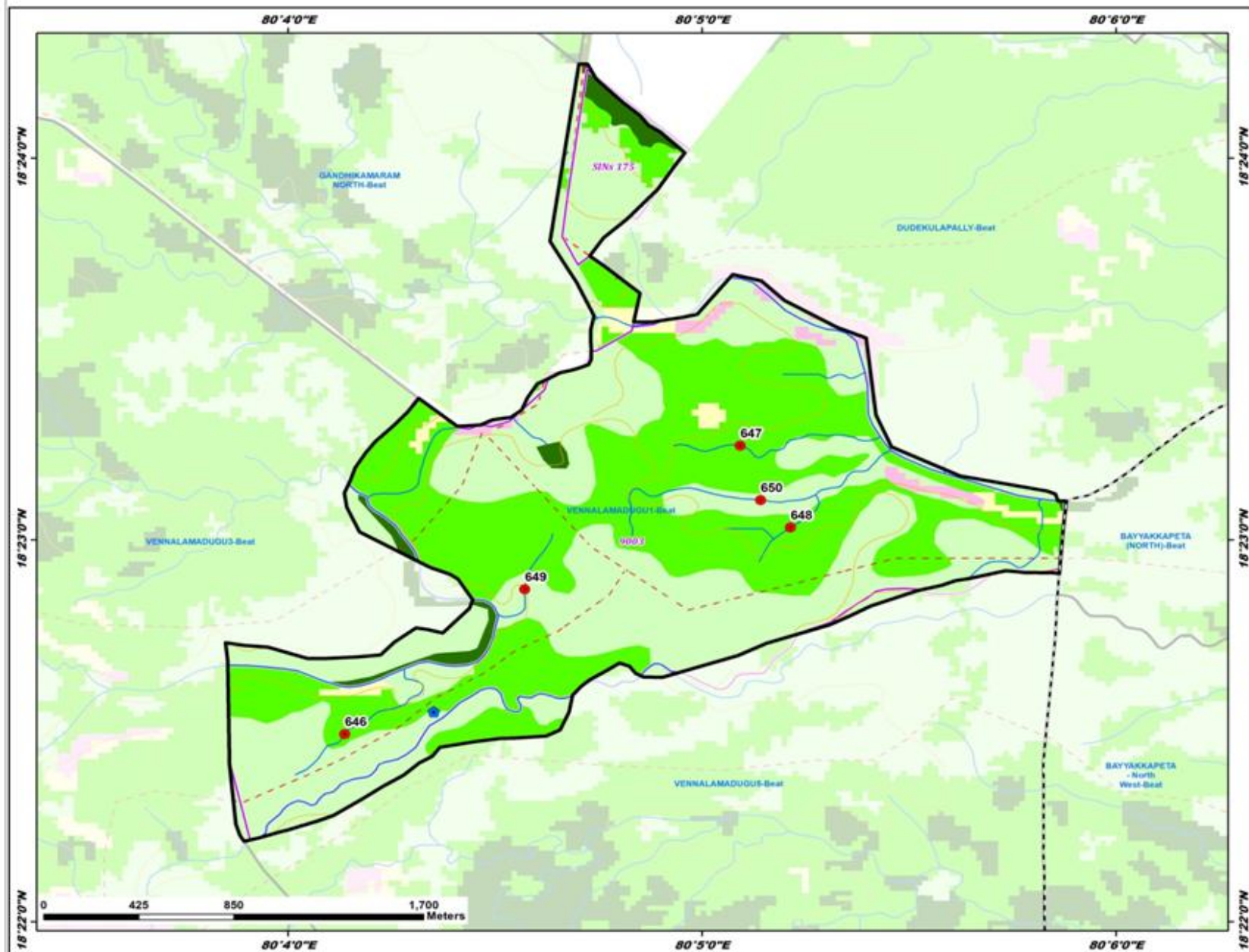
Suitability Index

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

Map Showing Suitability Index for Construction of SMC Works of Vennalamadugu 1 Beat



Division : Bhupalpally
Range : Dudekulapally



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
646	18.374861	80.068950	13.69	II
647	18.387450	80.084875	13.99	II
648	18.383872	80.086903	28.95	III
649	18.381180	80.076196	13.75	IV
650	18.385076	80.085699	30.08	V

LEGEND

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

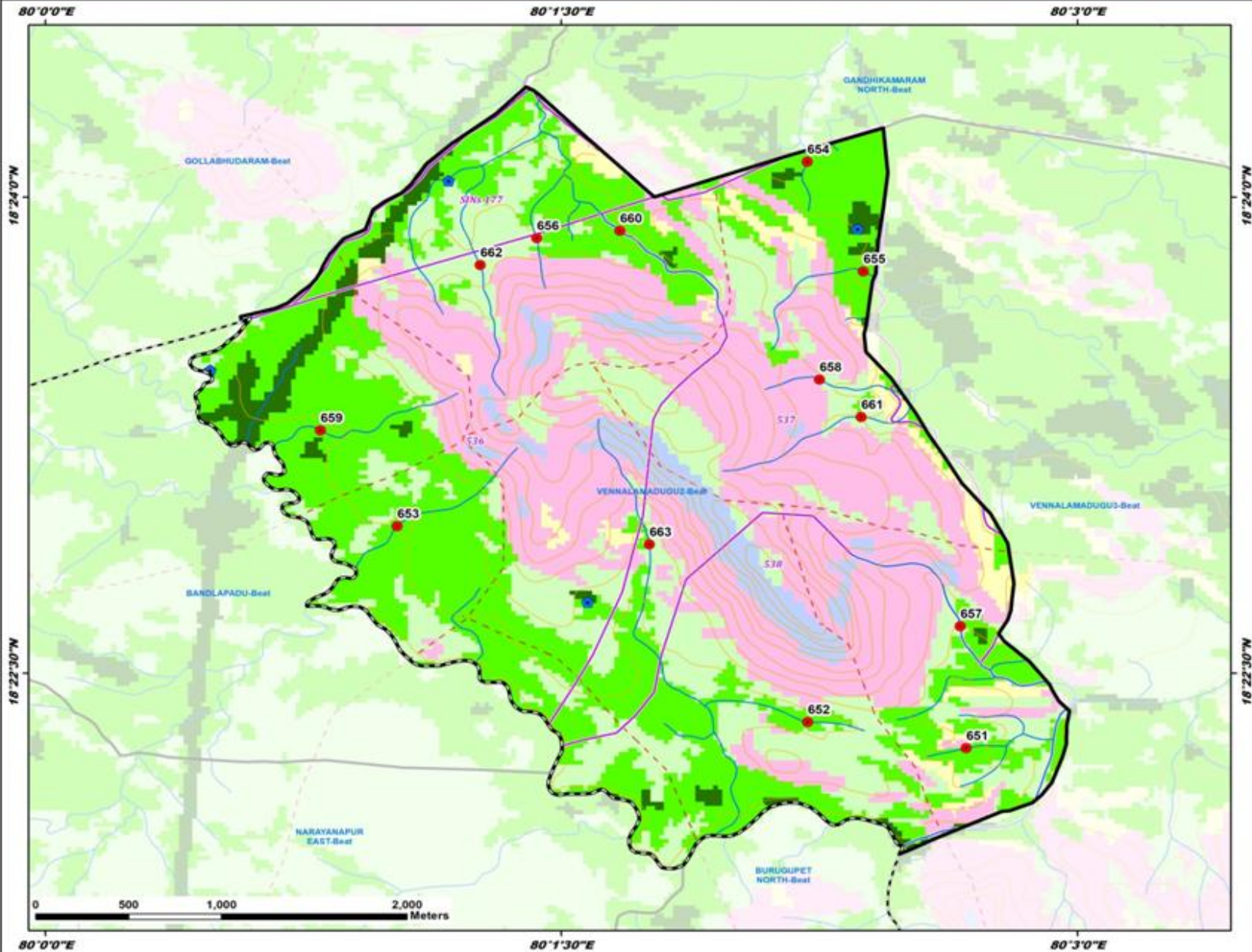
Suitability Index

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

Map Showing Suitability Index for Construction of SMC Works of Vennalamadugu 2 Beat



Division : Bhupalpally
Range : Dudekulapally



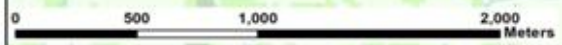
ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
651	18.371059	80.044621	6.90	II
652	18.372431	80.036938	19.70	II
653	18.382721	80.017046	49.77	III
654	18.401864	80.036920	43.94	III
655	18.396111	80.039635	32.02	III
656	18.397860	80.023815	8.35	IV
657	18.377472	80.044336	62.06	IV
658	18.396425	80.037516	16.23	IV
659	18.387764	80.013327	51.01	IV
660	18.398237	80.027843	61.80	IV
661	18.388461	80.039526	33.84	V
662	18.396438	80.021074	37.21	V
663	18.381761	80.029261	69.14	V

LEGEND

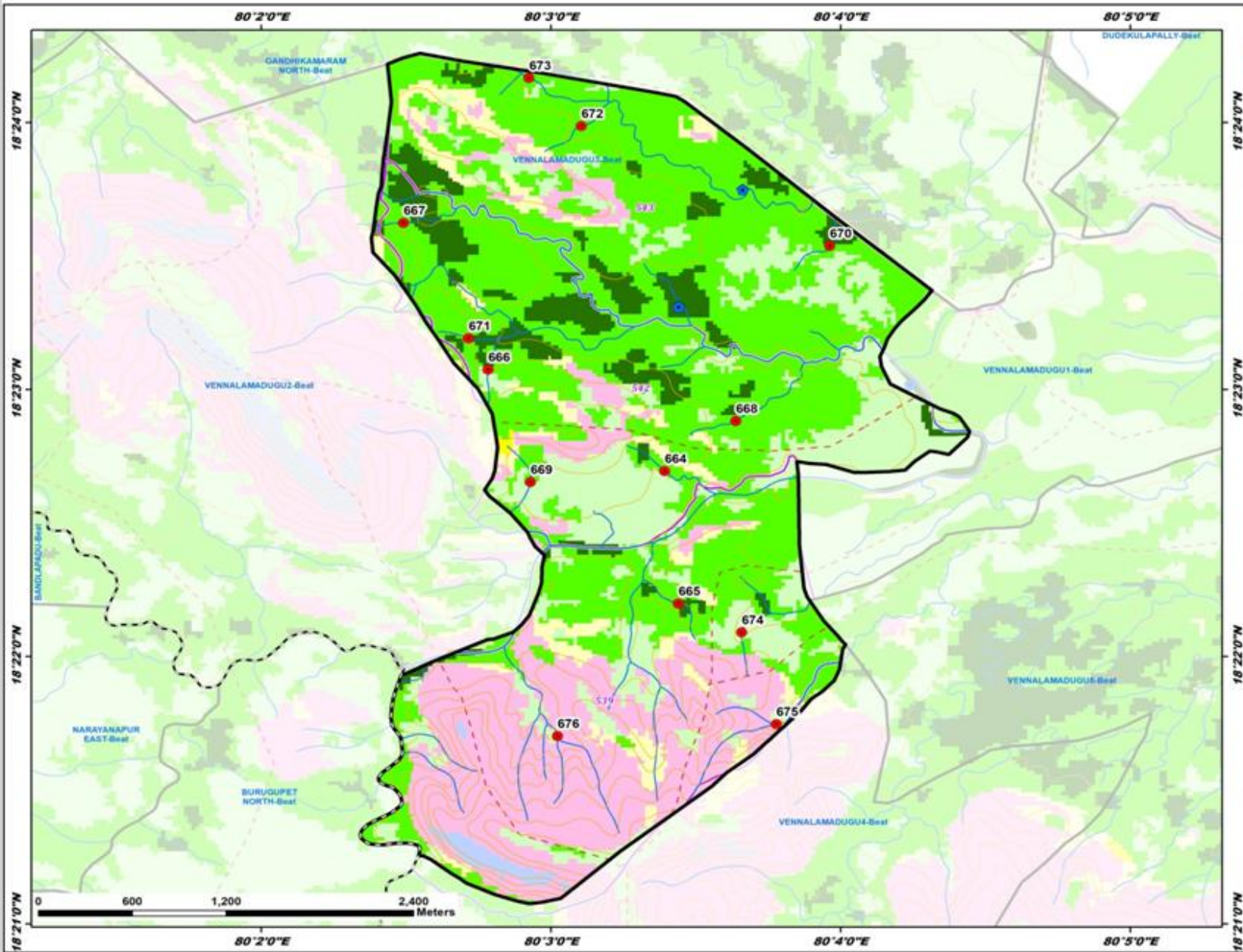
- Proposed PTs
- Existing CD/PTs
- Contours
- Streams
- - Watershed Boundary
- Compartment Boundary
- ▭ Beat Boundary
- ▭ Division Boundary

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 Vennalamadugu 3 Beat



Division : Bhupalpally
Range : Dudekulapally

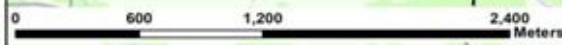
ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
664	18.378250	80.056549	16.82	II
665	18.369974	80.057343	18.92	II
666	18.384583	80.046400	6.59	II
667	18.393733	80.041517	17.38	II
668	18.381368	80.060649	13.37	II
669	18.377565	80.048832	18.54	II
670	18.392302	80.066058	8.60	II
671	18.386530	80.045275	12.60	II
672	18.399773	80.051754	12.85	II
673	18.402785	80.048748	40.88	III
674	18.368187	80.060984	12.45	IV
675	18.362451	80.062976	43.83	V
676	18.361708	80.050389	47.94	V

LEGEND

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

Suitability Index

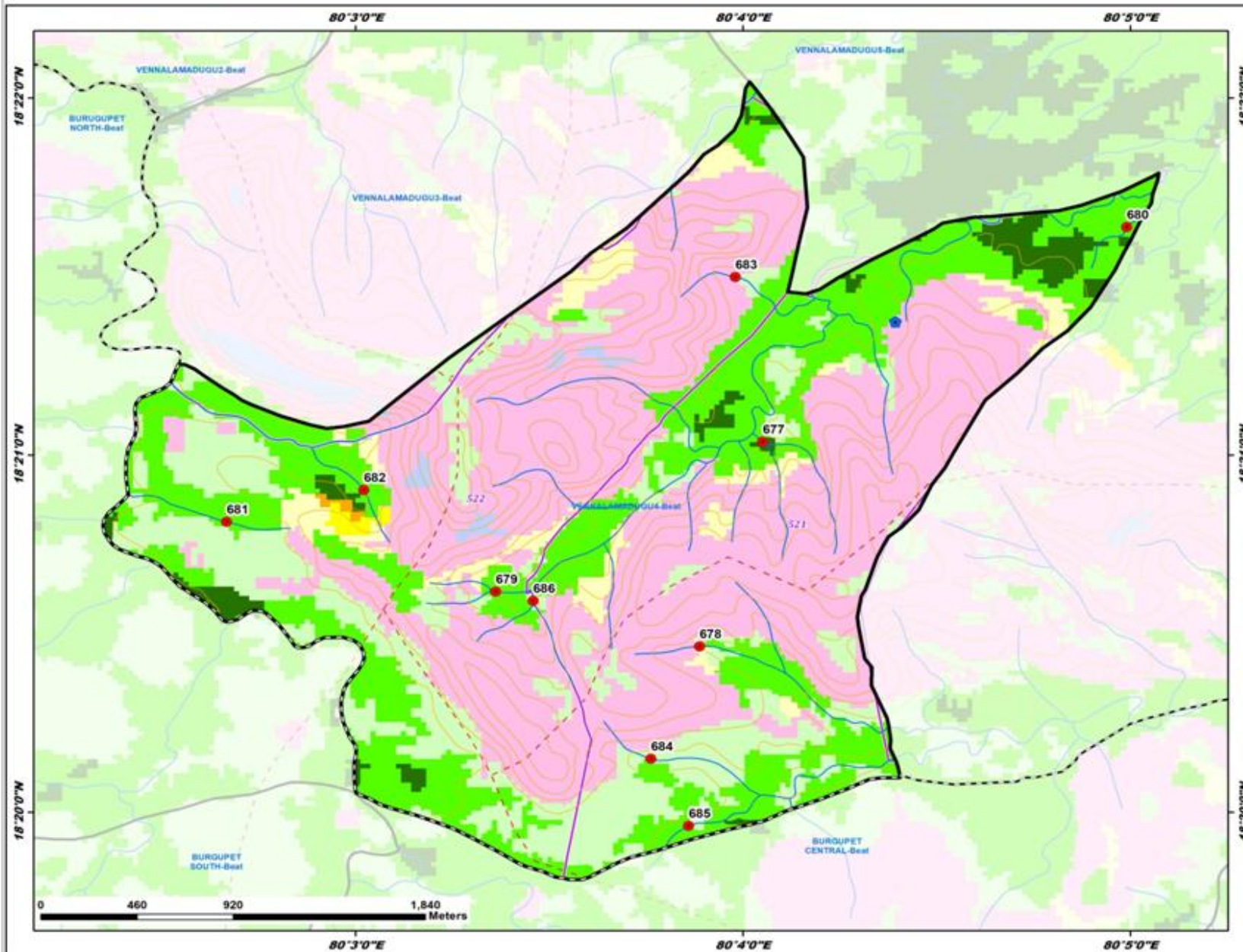
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body



Map Showing Suitability Index for Construction of SMC Works of Vennalamadugu-4 Beat



Division : Bhupalpally
Range : Dudekulapally



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
677	18.350630	80.067522	47.67	II
678	18.341079	80.064799	13.53	II
679	18.343641	80.056028	18.22	II
680	18.360640	80.083192	19.73	II
681	18.346894	80.044446	7.66	II
682	18.348380	80.050350	23.70	II
683	18.358316	80.066340	12.00	IV
684	18.335832	80.062712	13.40	IV
685	18.332712	80.064337	23.20	IV
686	18.343207	80.057637	27.80	V

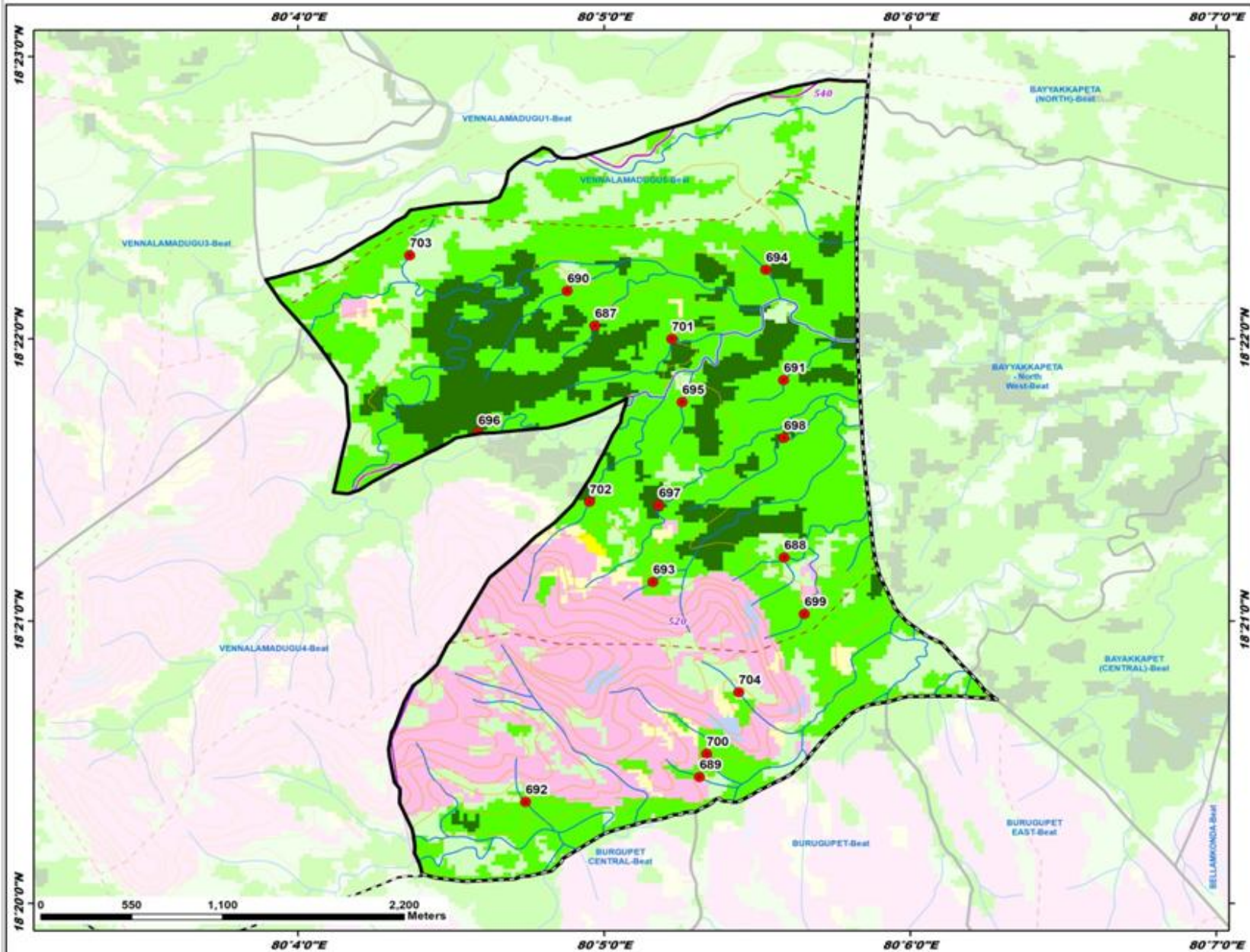
LEGEND

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

Map Showing Suitability Index for Construction of SMC Works of Vennalamadugu-5 Beat



Division : Bhupalpally
Range : Dudekulapally



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
687	18.367451	80.082827	14.60	I
688	18.353761	80.093145	17.78	II
689	18.340601	80.085532	8.84	II
690	18.369502	80.081334	20.25	II
691	18.364241	80.093127	12.66	II
692	18.339330	80.079062	22.99	II
693	18.352323	80.086003	14.66	II
694	18.370752	80.092147	18.86	II
695	18.362942	80.087598	8.80	II
696	18.361135	80.076482	30.81	II
697	18.356847	80.086317	17.89	II
698	18.360823	80.093131	14.12	II
699	18.350423	80.094242	20.19	II
700	18.342167	80.088923	39.70	III
701	18.366664	80.087027	29.29	III
702	18.357049	80.082548	35.80	III
703	18.371606	80.072745	6.35	IV
704	18.345815	80.090674	11.62	IV

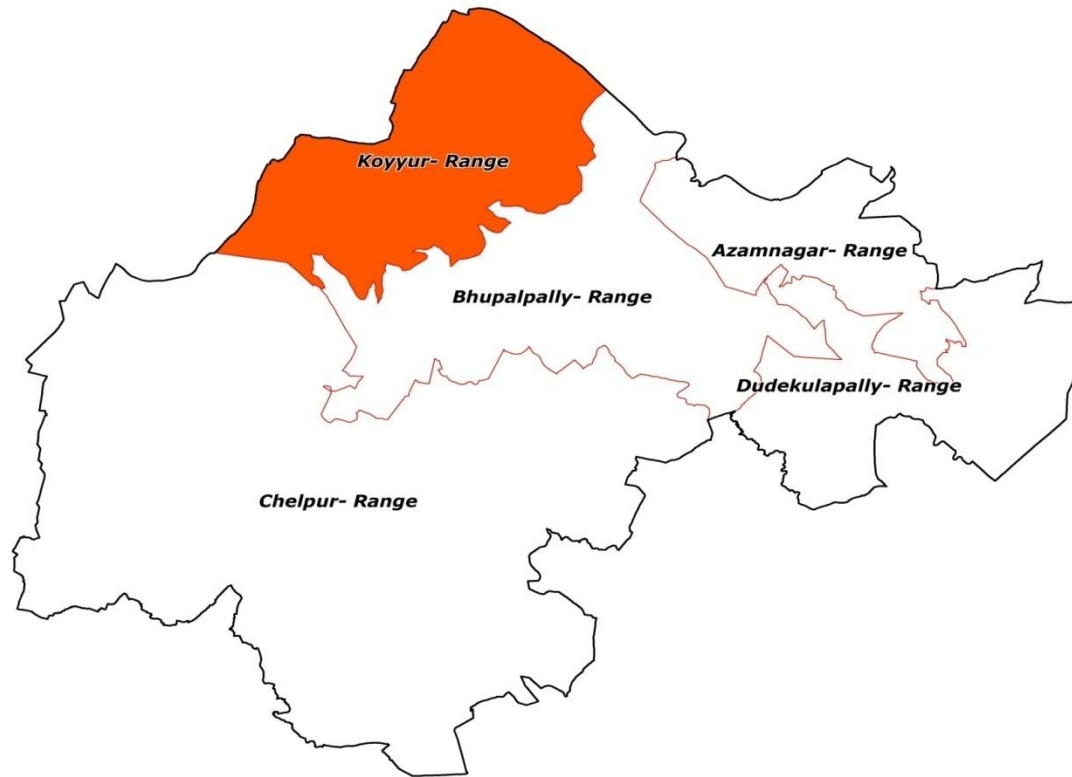
LEGEND

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

Suitability Index

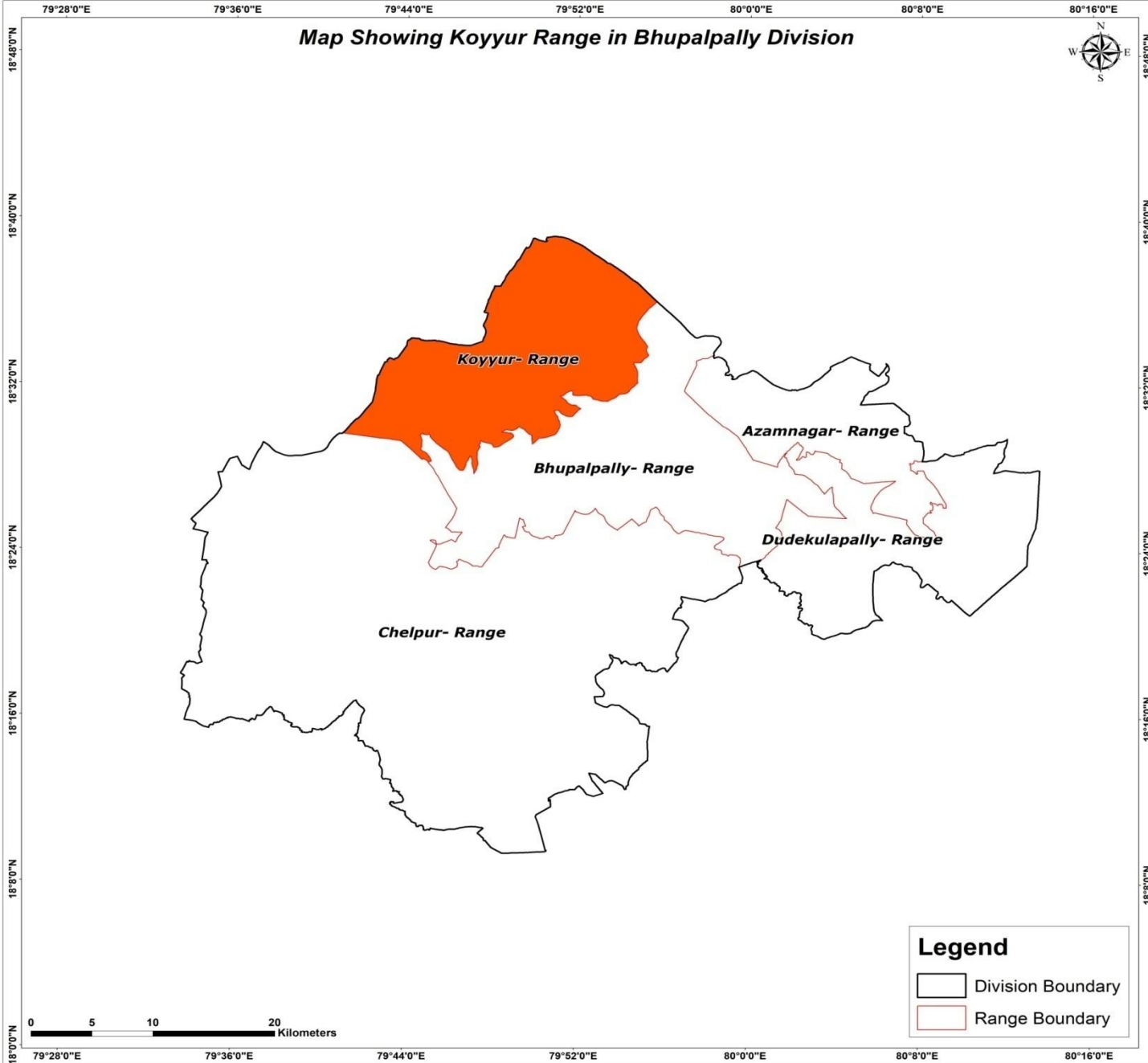
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body

Map Showing Koyyur Range in Bhupalpally Division

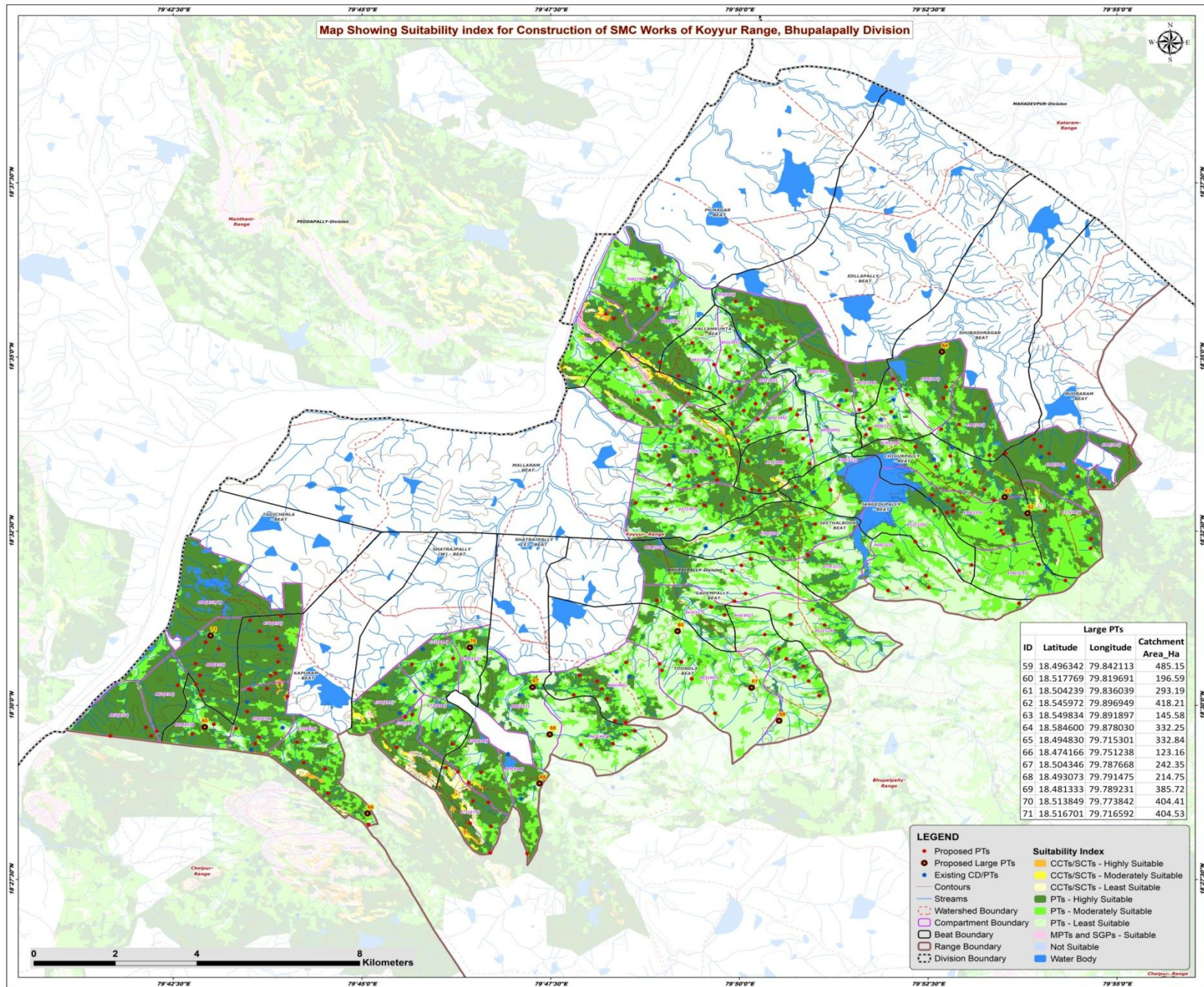


Legend

-  Division Boundary
-  Range Boundary



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



Large PTs			
ID	Latitude	Longitude	Catchment Area_Ha
59	18.496342	79.842113	485.15
60	18.517769	79.819691	196.59
61	18.504239	79.836039	293.19
62	18.545972	79.896949	418.21
63	18.549834	79.891897	145.58
64	18.584600	79.878030	332.25
65	18.494830	79.715301	332.84
66	18.474166	79.751238	123.16
67	18.504346	79.787668	242.35
68	18.493073	79.791475	214.75
69	18.481333	79.789231	385.72
70	18.513849	79.773842	404.41
71	18.516701	79.716592	404.53

LEGEND

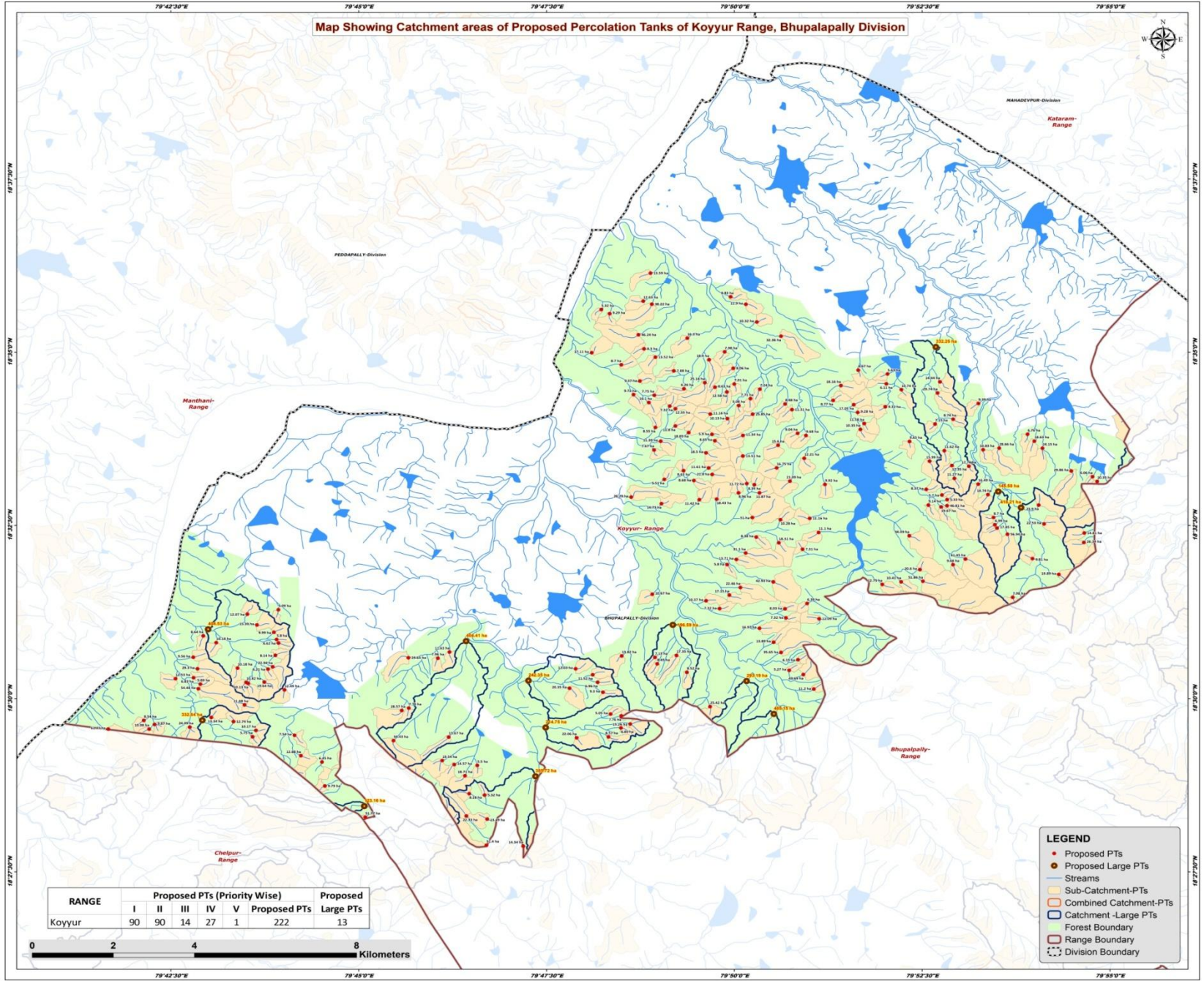
- Proposed PTs
- Proposed Large PTs
- Existing CD/PTs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat Boundary
- Range Boundary
- Division Boundary

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

0 2 4 8 Kilometers

Map Showing Catchment areas of Proposed Percolation Tanks of Koyyur Range, Bhupalapally Division



RANGE	Proposed PTs (Priority Wise)					Proposed Large PTs
	I	II	III	IV	V	
Koyyur	90	90	14	27	1	222
						13



- 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 – Koyyur Range

S. No.	Beat	Proposed PT's
1	CHIGURPALLY	19
2	EDLLAPALLY	16
3	GADEMPALLY	13
4	JANGEDUPALLY	6
5	KAPURAM	25
6	MALLARAM	28
7	PV NAGAR	9
8	RUDRARAM	11
9	SEETHALBODA	12
10	SHATRAJPALLY E	14
11	SHATRAJPALLY W	7
12	SHUBASHNAGAR	13
13	TADICHERLA	12
14	TOONDLA	20
15	VALLAMKUNTA	17
	Total	222

List of Proposed PTs – Koyyur Range

ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat
705	18.551460	79.837767	8.34	I	EDLLAPALLY
706	18.575310	79.856982	18.16	I	EDLLAPALLY
707	18.558365	79.835225	13.51	I	EDLLAPALLY
708	18.579032	79.860808	8.67	I	EDLLAPALLY
709	18.551744	79.836087	11.72	I	EDLLAPALLY
710	18.596667	79.832503	8.83	II	EDLLAPALLY
711	18.560968	79.843043	15.60	II	EDLLAPALLY
712	18.590625	79.838323	10.32	II	EDLLAPALLY
713	18.557828	79.848849	12.21	II	EDLLAPALLY
714	18.555524	79.842714	16.75	II	EDLLAPALLY
715	18.594865	79.835895	11.90	II	EDLLAPALLY
716	18.571752	79.855253	8.77	II	EDLLAPALLY
717	18.587203	79.843697	32.36	III	EDLLAPALLY
718	18.563325	79.849236	9.68	IV	EDLLAPALLY
719	18.570715	79.859822	17.05	IV	EDLLAPALLY
720	18.563826	79.847381	9.04	IV	EDLLAPALLY
721	18.552336	79.845671	21.09	I	JANGEDUPALLY
722	18.546563	79.876385	9.14	II	JANGEDUPALLY
723	18.551533	79.853449	9.92	II	JANGEDUPALLY
724	18.539200	79.872145	34.03	III	JANGEDUPALLY
725	18.533593	79.884605	61.45	IV	JANGEDUPALLY
726	18.532238	79.881854	9.68	IV	JANGEDUPALLY
727	18.582152	79.815834	13.52	I	PV NAGAR
728	18.593605	79.803835	5.32	I	PV NAGAR
729	18.592618	79.805670	9.29	I	PV NAGAR
730	18.595625	79.813123	12.63	I	PV NAGAR
731	18.602364	79.814736	13.59	I	PV NAGAR
732	18.584157	79.813310	8.30	I	PV NAGAR
733	18.583209	79.801703	17.11	II	PV NAGAR
734	18.594895	79.815040	38.22	II	PV NAGAR
735	18.587544	79.812068	46.24	II	PV NAGAR
736	18.574454	79.839002	7.24	I	VALLAMKUNTA
737	18.574922	79.829040	8.63	I	VALLAMKUNTA
738	18.578864	79.819900	7.08	I	VALLAMKUNTA
739	18.579483	79.833097	8.06	I	VALLAMKUNTA
740	18.575702	79.833312	7.01	I	VALLAMKUNTA
741	18.572169	79.836902	7.71	II	VALLAMKUNTA
742	18.583425	79.831200	7.98	II	VALLAMKUNTA
743	18.567374	79.831787	10.13	II	VALLAMKUNTA
744	18.573786	79.831687	12.58	II	VALLAMKUNTA

ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat
745	18.570888	79.844616	8.48	II	VALLAMKUNTA
746	18.563317	79.835245	11.34	II	VALLAMKUNTA
747	18.568431	79.837408	25.85	II	VALLAMKUNTA
748	18.570523	79.834315	5.08	II	VALLAMKUNTA
749	18.576020	79.826794	25.14	III	VALLAMKUNTA
750	18.581527	79.827736	18.40	IV	VALLAMKUNTA
751	18.586724	79.822912	16.30	IV	VALLAMKUNTA
752	18.569528	79.846111	11.31	IV	VALLAMKUNTA
753	18.523560	79.827048	10.37	I	GADEMPALLY
754	18.525124	79.815124	10.67	I	GADEMPALLY
755	18.524912	79.832238	17.15	II	GADEMPALLY
756	18.521681	79.830061	7.32	II	GADEMPALLY
757	18.522919	79.849479	6.39	II	GADEMPALLY
758	18.519218	79.852165	11.09	II	GADEMPALLY
759	18.521628	79.844576	8.03	II	GADEMPALLY
760	18.535034	79.835854	31.10	III	GADEMPALLY
761	18.528105	79.841977	42.93	III	GADEMPALLY
762	18.519439	79.844788	7.32	IV	GADEMPALLY
763	18.526753	79.834684	22.46	IV	GADEMPALLY
764	18.533510	79.833799	13.71	IV	GADEMPALLY
765	18.532253	79.831749	5.80	IV	GADEMPALLY
766	18.547997	79.829420	18.43	I	MALLARAM
767	18.562049	79.829024	8.65	I	MALLARAM
768	18.555499	79.827619	11.61	I	MALLARAM
769	18.564023	79.823208	18.85	I	MALLARAM
770	18.553932	79.828422	21.80	I	MALLARAM
771	18.549520	79.834255	8.96	I	MALLARAM
772	18.570379	79.819003	7.32	II	MALLARAM
773	18.559826	79.815522	7.67	II	MALLARAM
774	18.547866	79.825569	11.42	II	MALLARAM
775	18.572997	79.815566	7.75	II	MALLARAM
776	18.574555	79.822166	6.26	II	MALLARAM
777	18.549503	79.838901	11.87	II	MALLARAM
778	18.563592	79.828360	5.90	II	MALLARAM
779	18.580327	79.808244	8.70	II	MALLARAM
780	18.554856	79.822050	8.63	II	MALLARAM
781	18.569745	79.820261	12.55	II	MALLARAM
782	18.552471	79.824365	8.68	II	MALLARAM
783	18.568462	79.828006	11.16	II	MALLARAM
784	18.559130	79.827058	18.50	II	MALLARAM

ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat
785	18.565603	79.820254	11.80	II	MALLARAM
786	18.573133	79.810964	9.72	II	MALLARAM
787	18.565243	79.815836	8.55	II	MALLARAM
788	18.576400	79.812385	9.37	II	MALLARAM
789	18.548484	79.810448	26.29	III	MALLARAM
790	18.571231	79.814358	16.10	IV	MALLARAM
791	18.561928	79.816977	11.39	IV	MALLARAM
792	18.546904	79.817151	14.73	IV	MALLARAM
793	18.552750	79.817797	5.51	IV	MALLARAM
794	18.537515	79.843184	18.31	I	SEETHALBODA
795	18.535955	79.848473	7.31	I	SEETHALBODA
796	18.539994	79.852026	11.10	I	SEETHALBODA
797	18.543049	79.843556	10.28	II	SEETHALBODA
798	18.527494	79.866166	12.75	II	SEETHALBODA
799	18.524395	79.895087	7.98	II	SEETHALBODA
800	18.543376	79.850056	11.16	II	SEETHALBODA
801	18.531045	79.874494	20.60	II	SEETHALBODA
802	18.538861	79.838202	8.38	II	SEETHALBODA
803	18.543570	79.837329	51.00	IV	SEETHALBODA
804	18.528256	79.875160	51.86	IV	SEETHALBODA
805	18.528100	79.870345	10.41	IV	SEETHALBODA
806	18.509379	79.847440	6.15	I	TOONDLA
807	18.495883	79.808252	7.76	I	TOONDLA
808	18.507192	79.798127	12.03	I	TOONDLA
809	18.501542	79.804190	9.30	I	TOONDLA
810	18.505767	79.801924	11.52	I	TOONDLA
811	18.496300	79.805886	5.05	I	TOONDLA
812	18.509931	79.815730	7.13	II	TOONDLA
813	18.513586	79.842045	13.89	II	TOONDLA
814	18.506355	79.822806	8.52	II	TOONDLA
815	18.502323	79.850975	11.20	II	TOONDLA
816	18.503951	79.803015	6.96	II	TOONDLA
817	18.508388	79.816222	8.45	II	TOONDLA
818	18.510285	79.808360	13.82	II	TOONDLA
819	18.502516	79.796774	20.35	II	TOONDLA
820	18.510422	79.820503	17.35	II	TOONDLA
821	18.516955	79.838907	16.97	II	TOONDLA
822	18.498093	79.827946	25.42	III	TOONDLA
823	18.511132	79.843686	35.65	III	TOONDLA
824	18.506814	79.845499	5.27	IV	TOONDLA

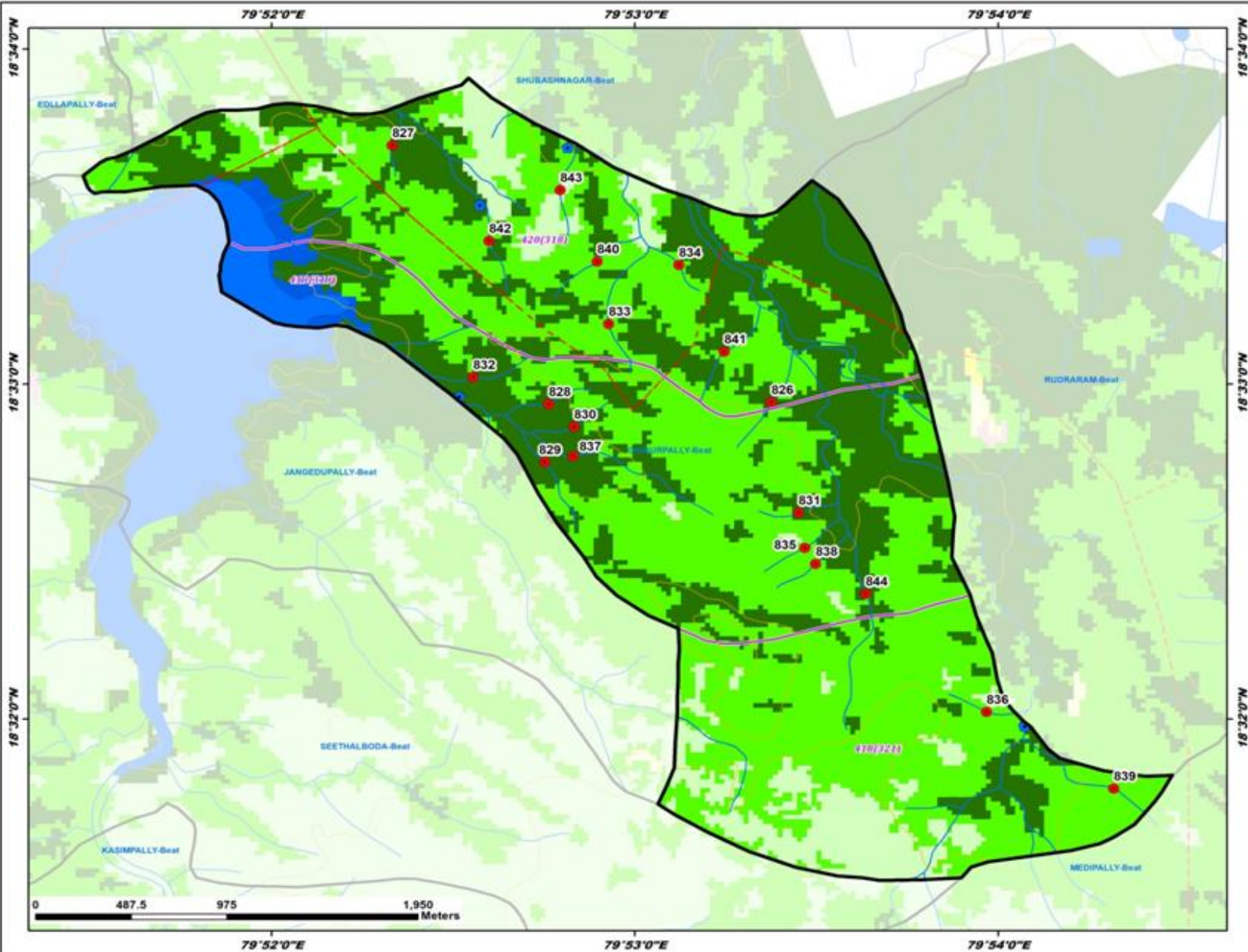
List of Proposed PTs – Koyyur Range

ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat	ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat	ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat	
825	18.505811	79.848637	43.69	V	TOONDLA	865	18.575734	79.867059	6.11	IV	SHUBASHNAGAR	905	18.484156	79.771209	14.57	II	SHATRAJPALLY E	
826	18.549091	79.889595	14.74	I	CHIGURPALLY	866	18.568863	79.860683	9.28	IV	SHUBASHNAGAR	906	18.492968	79.808170	6.85	II	SHATRAJPALLY E	
827	18.561876	79.872198	9.65	I	CHIGURPALLY	867	18.564781	79.861315	10.35	IV	SHUBASHNAGAR	907	18.464728	79.778324	51.40	III	SHATRAJPALLY E	
828	18.548992	79.879389	5.70	I	CHIGURPALLY	868	18.574319	79.870393	10.74	IV	SHUBASHNAGAR	908	18.497739	79.761114	7.76	I	SHATRAJPALLY W	
829	18.546118	79.879197	19.67	I	CHIGURPALLY	869	18.520326	79.725313	12.07	I	KAPURAM	909	18.490770	79.769962	13.67	I	SHATRAJPALLY W	
830	18.547867	79.880545	5.33	I	CHIGURPALLY	870	18.521399	79.732192	5.09	I	KAPURAM	910	18.509844	79.761045	24.65	II	SHATRAJPALLY W	
831	18.543592	79.890842	8.70	I	CHIGURPALLY	871	18.515970	79.731190	9.99	I	KAPURAM	911	18.509740	79.767558	7.96	II	SHATRAJPALLY W	
832	18.550342	79.875921	8.37	I	CHIGURPALLY	872	18.517740	79.727439	15.39	I	KAPURAM	912	18.511238	79.770136	11.63	II	SHATRAJPALLY W	
833	18.552996	79.882140	11.27	II	CHIGURPALLY	873	18.507129	79.729869	6.21	I	KAPURAM	913	18.497165	79.759543	28.57	III	SHATRAJPALLY W	
834	18.555925	79.885357	17.76	II	CHIGURPALLY	874	18.510446	79.731515	8.14	I	KAPURAM	914	18.489933	79.757718	34.43	III	SHATRAJPALLY W	
835	18.541849	79.891137	6.99	II	CHIGURPALLY	875	18.514237	79.731776	5.80	I	KAPURAM	915	18.494783	79.702334	8.54	I	TADICHERLA	
836	18.533686	79.899470	9.81	II	CHIGURPALLY	876	18.503939	79.725043	10.82	I	KAPURAM	916	18.492701	79.703533	10.08	I	TADICHERLA	
837	18.546408	79.880506	46.81	II	CHIGURPALLY	877	18.503997	79.729058	19.64	I	KAPURAM	917	18.505051	79.713380	6.83	I	TADICHERLA	
838	18.541052	79.891630	17.85	II	CHIGURPALLY	878	18.479001	79.742499	9.79	I	KAPURAM	918	18.503513	79.714875	5.89	I	TADICHERLA	
839	18.529877	79.905317	19.89	II	CHIGURPALLY	879	18.493171	79.712534	24.09	I	KAPURAM	919	18.509968	79.713301	9.56	I	TADICHERLA	
840	18.556096	79.881610	12.35	II	CHIGURPALLY	880	18.486283	79.737190	12.88	I	KAPURAM	920	18.513479	79.718408	10.18	I	TADICHERLA	
841	18.551608	79.887442	16.49	II	CHIGURPALLY	881	18.502111	79.733541	12.49	I	KAPURAM	921	18.504815	79.709359	12.53	I	TADICHERLA	
842	18.557128	79.876647	15.99	II	CHIGURPALLY	882	18.507670	79.730918	22.94	I	KAPURAM	922	18.515107	79.715527	8.64	I	TADICHERLA	
843	18.559654	79.879911	11.62	IV	CHIGURPALLY	883	18.491218	79.735770	7.54	I	KAPURAM	923	18.507196	79.714233	29.30	II	TADICHERLA	
844	18.539561	79.893930	56.94	IV	CHIGURPALLY	884	18.507356	79.723129	10.18	I	KAPURAM	924	18.493802	79.704726	9.87	II	TADICHERLA	
845	18.542032	79.902048	22.53	I	RUDRARAM	885	18.490831	79.726465	5.75	I	KAPURAM	925	18.502383	79.714436	54.48	III	TADICHERLA	
846	18.561959	79.899885	18.63	I	RUDRARAM	886	18.498496	79.724673	11.48	I	KAPURAM	926	18.492685	79.694455	61.83	III	TADICHERLA	
847	18.552264	79.913810	10.35	I	RUDRARAM	887	18.503686	79.725507	10.13	I	KAPURAM							
848	18.553400	79.912802	6.06	I	RUDRARAM	888	18.513376	79.732201	6.62	I	KAPURAM							
849	18.539850	79.910966	14.81	I	RUDRARAM	889	18.484762	79.741860	6.45	I	KAPURAM							
850	18.563624	79.898387	6.76	I	RUDRARAM	890	18.492366	79.727202	10.17	II	KAPURAM							
851	18.560253	79.901705	24.15	I	RUDRARAM	891	18.495499	79.717320	13.34	II	KAPURAM							
852	18.546553	79.900845	23.90	I	RUDRARAM	892	18.494491	79.722223	12.74	II	KAPURAM							
853	18.554791	79.908088	29.86	II	RUDRARAM	893	18.471498	79.751466	51.77	IV	KAPURAM							
854	18.560286	79.892087	28.66	II	RUDRARAM	894	18.490799	79.805409	8.57	I	SHATRAJPALLY E							
855	18.537590	79.910867	26.34	III	RUDRARAM	895	18.481469	79.773589	18.71	I	SHATRAJPALLY E							
856	18.578108	79.867316	5.63	I	SHUBASHNAGAR	896	18.493916	79.810225	15.26	I	SHATRAJPALLY E							
857	18.571017	79.887478	9.39	I	SHUBASHNAGAR	897	18.477156	79.774519	8.28	I	SHATRAJPALLY E							
858	18.576217	79.878942	14.44	II	SHUBASHNAGAR	898	18.485111	79.768524	19.54	I	SHATRAJPALLY E							
859	18.566183	79.862159	11.58	II	SHUBASHNAGAR	899	18.476815	79.777939	5.32	I	SHATRAJPALLY E							
860	18.573537	79.878413	29.74	II	SHUBASHNAGAR	900	18.483947	79.776294	5.50	I	SHATRAJPALLY E							
861	18.559881	79.888521	10.83	II	SHUBASHNAGAR	901	18.471771	79.773888	22.33	I	SHATRAJPALLY E							
862	18.566055	79.877865	7.15	II	SHUBASHNAGAR	902	18.471045	79.778502	13.49	II	SHATRAJPALLY E							
863	18.570212	79.866816	9.31	II	SHUBASHNAGAR	903	18.464526	79.786495	14.34	II	SHATRAJPALLY E							
864	18.567231	79.881881	8.74	II	SHUBASHNAGAR	904	18.490597	79.798345	22.06	II	SHATRAJPALLY E							

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



Division : Bhupalpally
Range : Koyyur



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
826	18.549091	79.889595	14.74	I
827	18.561876	79.872198	9.65	I
828	18.548992	79.879389	5.70	I
829	18.546118	79.879197	19.67	I
830	18.547867	79.880545	5.33	I
831	18.543592	79.890842	8.70	I
832	18.550342	79.875923	8.37	I
833	18.552996	79.882140	11.27	II
834	18.555925	79.885357	17.76	II
835	18.541849	79.891137	6.99	II
836	18.533686	79.899470	9.81	II
837	18.546408	79.880506	46.81	II
838	18.541052	79.891630	17.85	II
839	18.529877	79.905317	19.89	II
840	18.556096	79.881620	12.35	II
841	18.551608	79.887442	16.49	II
842	18.557128	79.876647	15.99	II
843	18.559654	79.879911	11.62	IV
844	18.539561	79.893930	56.94	IV

LEGEND

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

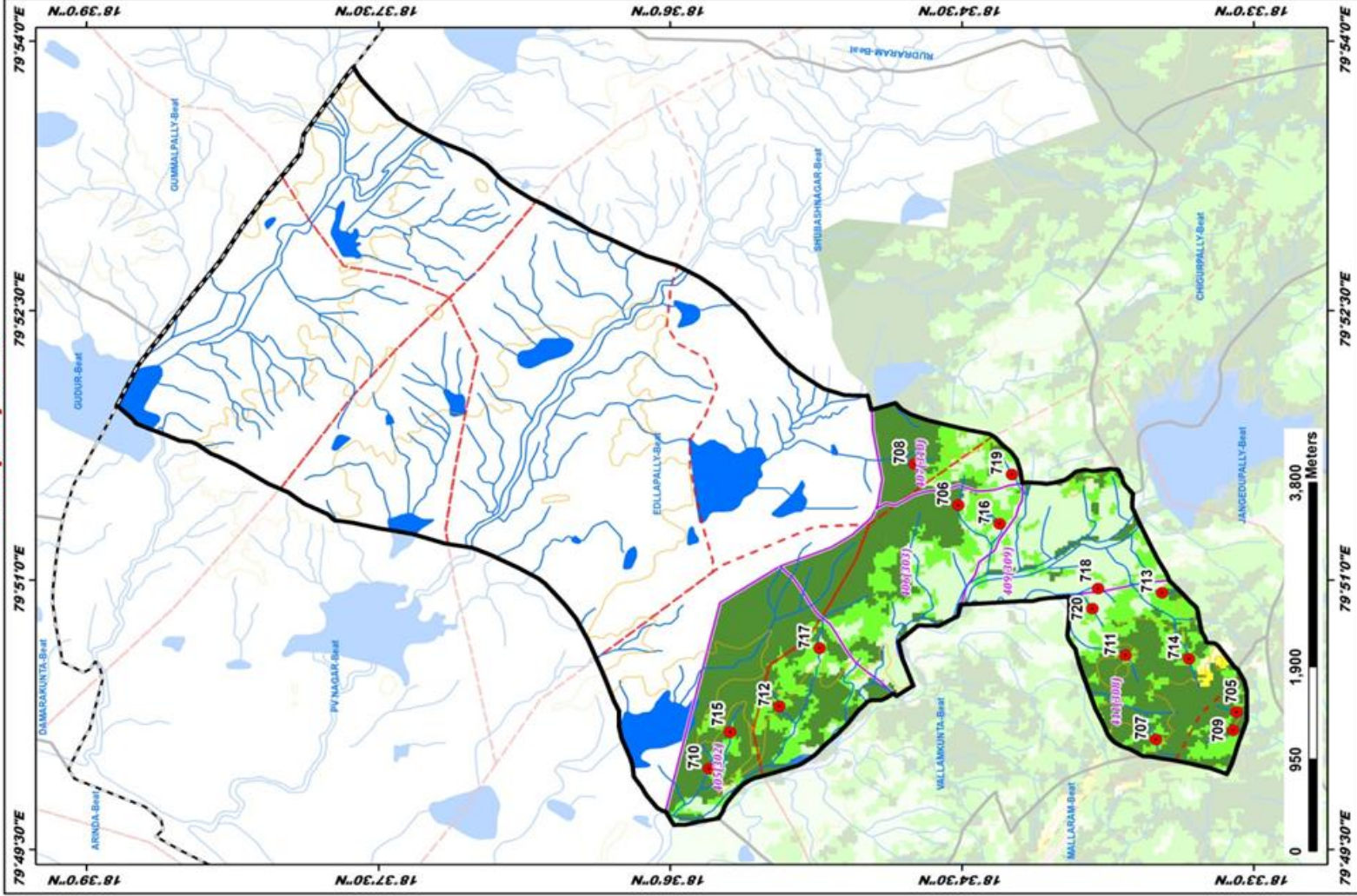
Suitability Index

- 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 Edlappally Beat



Division : Bhupalpally
Range : Koyyur



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
705	18.551460	79.857767	8.34	I
706	18.575310	79.856982	18.16	I
707	18.558865	79.855225	13.51	I
708	18.579032	79.860008	8.67	I
709	18.551744	79.856087	11.72	I
710	18.596667	79.852503	8.83	II
711	18.560968	79.845043	15.60	II
712	18.596825	79.838323	10.32	II
713	18.557828	79.848849	12.21	II
714	18.555524	79.847214	16.75	II
715	18.594865	79.835895	11.90	II
716	18.571752	79.855253	8.77	II
717	18.587203	79.848697	32.36	III
718	18.563325	79.849236	9.68	III
719	18.570715	79.859822	17.05	IV
720	18.563836	79.847381	9.04	IV

LEGEND

- Proposed PTs
- Existing CDPTs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat Boundary
- Division Boundary

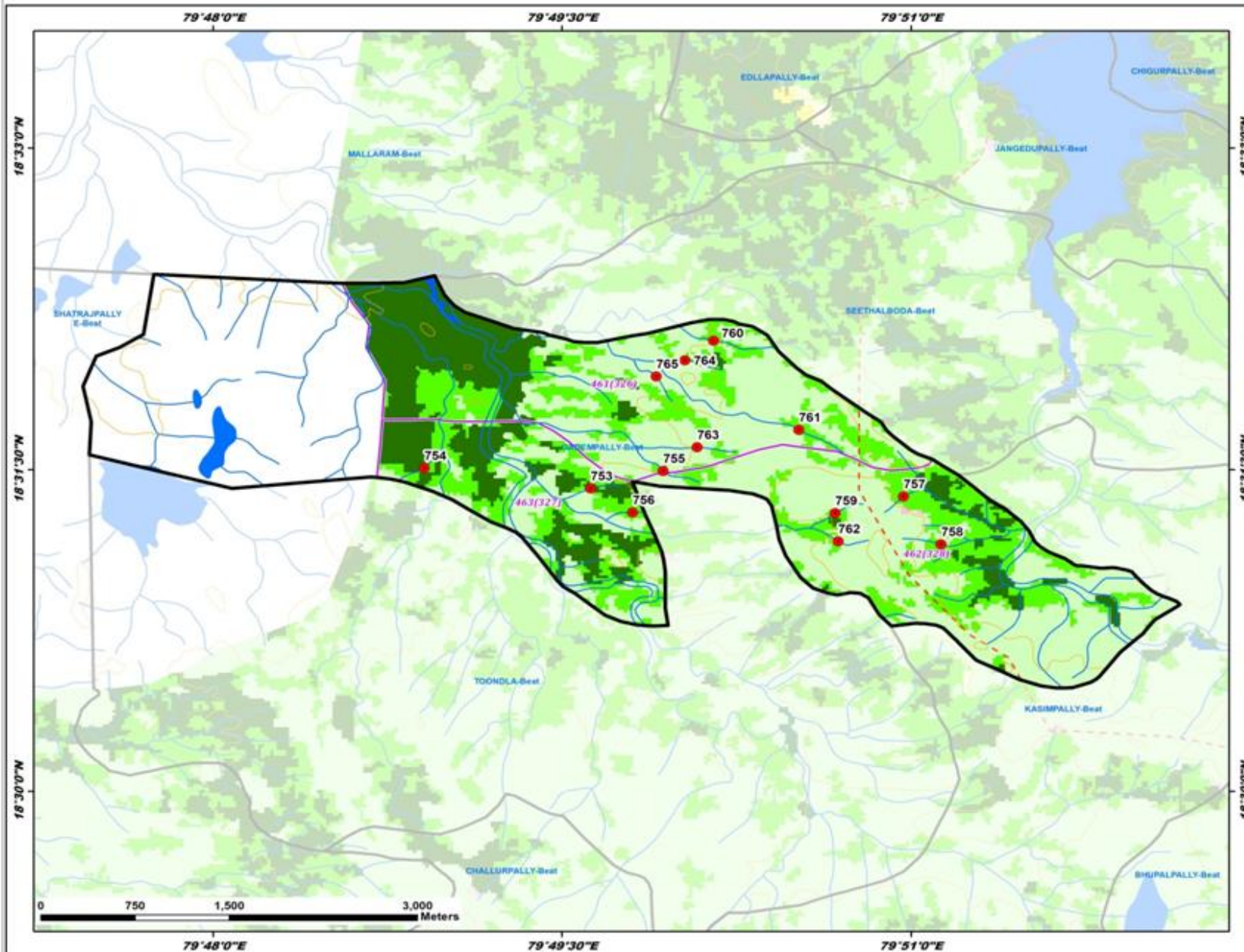
Suitability Index

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

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



Division : Bhupalpally
Range : Koyyur



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
753	18.523560	79.827048	10.37	I
754	18.525124	79.815124	10.67	I
755	18.534912	79.832238	17.15	II
756	18.521681	79.830061	7.32	II
757	18.522919	79.849479	6.39	II
758	18.519218	79.852185	11.09	II
759	18.521628	79.844576	8.03	II
760	18.535094	79.835854	11.10	III
761	18.528105	79.841977	42.93	III
762	18.519439	79.844788	7.32	IV
763	18.526753	79.834684	22.46	IV
764	18.533510	79.833799	13.71	IV
765	18.532253	79.831749	5.80	IV

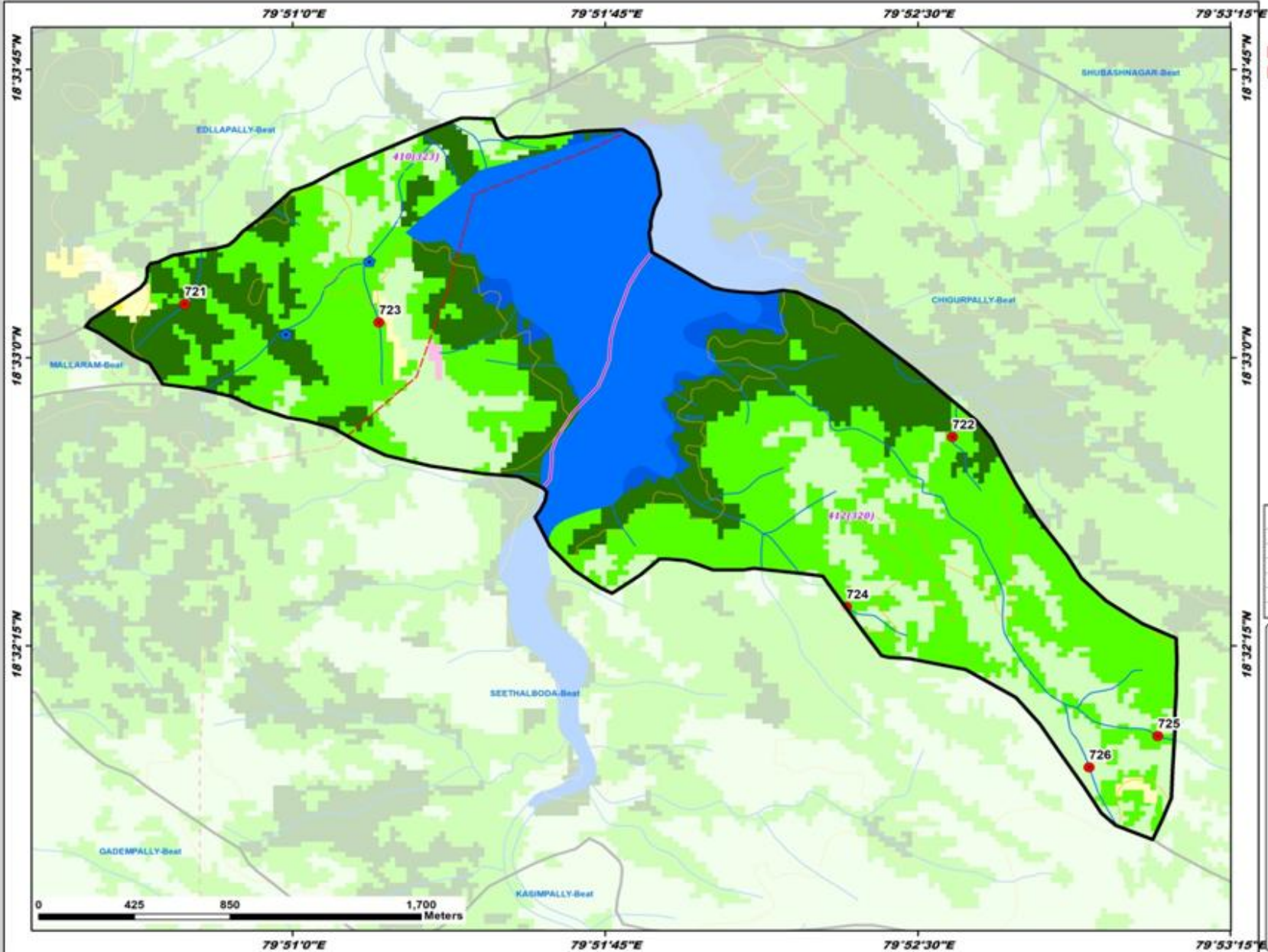
LEGEND

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

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



Division : Bhupalpally
Range : Koyyur



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
721	18.552336	79.845671	21.09	I
722	18.546563	79.876385	9.14	II
723	18.551533	79.853449	9.92	II
724	18.539200	79.872145	34.03	III
725	18.535593	79.884605	61.45	IV
726	18.532238	79.881854	9.68	IV

LEGEND

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

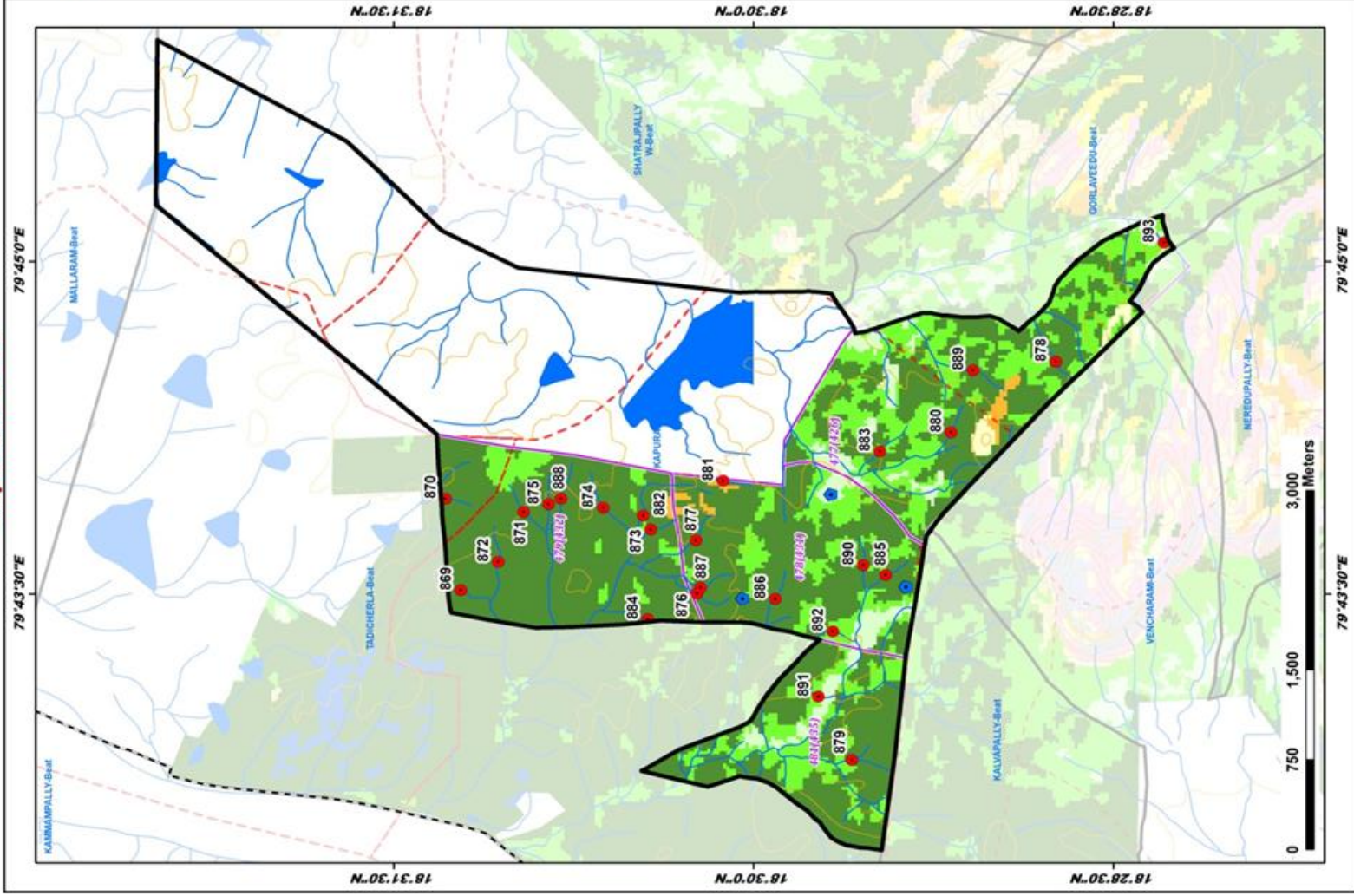
Suitability Index

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

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



Division : Bhupalpally
Range : Koyyur



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
869	18.520226	79.725313	12.07	I
870	18.521999	79.732192	5.09	I
871	18.519970	79.731190	9.99	I
872	18.517740	79.727439	15.39	I
873	18.507129	79.729869	6.21	I
874	18.510446	79.731515	8.14	I
875	18.514237	79.731776	5.80	I
876	18.509939	79.729043	10.82	I
877	18.509977	79.729058	19.64	I
878	18.479001	79.742699	9.79	I
879	18.493171	79.712534	24.09	I
880	18.486283	79.737190	12.88	I
881	18.503111	79.733541	12.49	I
882	18.507670	79.735770	7.54	I
883	18.491218	79.735770	7.54	I
884	18.507956	79.732129	10.18	I
885	18.490831	79.726465	5.79	I
886	18.498496	79.726673	11.46	I
887	18.503686	79.725507	10.13	I
888	18.513376	79.732201	6.62	I
889	18.484762	79.741860	6.45	I
890	18.492366	79.727202	10.17	II
891	18.495499	79.717130	13.34	II
892	18.494491	79.722223	12.74	II
893	18.471498	79.753466	51.77	IV

LEGEND

- Proposed PTs
- Existing CDPTs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat Boundary
- Division Boundary

- Water Body

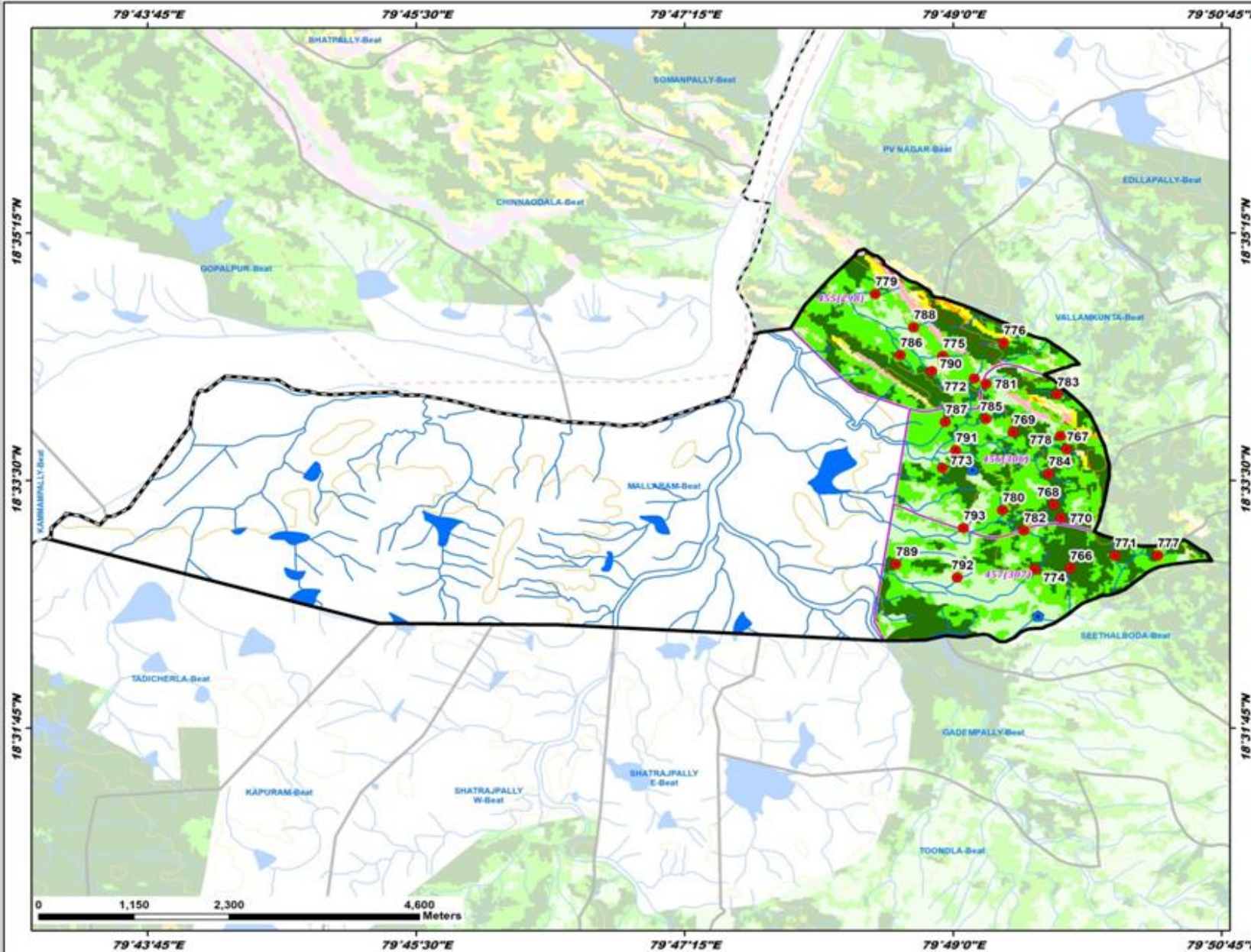
Suitability Index

- 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 Mallaram Beat



Division : Bhupalpally
Range : Koyyur



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
766	18.547997	79.829420	18.43	I
767	18.562049	79.829024	8.65	I
768	18.555499	79.827619	11.61	I
769	18.564023	79.825208	18.85	I
770	18.553932	79.828422	21.80	I
771	18.549520	79.834255	8.96	I
772	18.570379	79.839003	7.32	II
773	18.559826	79.835522	7.67	II
774	18.547866	79.825569	11.42	II
775	18.572997	79.835566	7.75	II
776	18.574555	79.822166	6.26	II
777	18.549503	79.838901	11.87	II
778	18.563592	79.828360	5.90	II
779	18.580327	79.808244	8.70	II
780	18.554856	79.822050	8.63	II
781	18.569745	79.820261	12.55	II
782	18.552471	79.824365	8.68	II
783	18.568462	79.828006	11.16	II
784	18.559130	79.827058	18.50	II
785	18.565603	79.820254	11.80	II
786	18.573133	79.830964	9.72	II
787	18.565243	79.835836	8.55	II
788	18.576400	79.832385	9.37	II
789	18.548484	79.830448	26.29	III
790	18.571231	79.834358	16.10	IV
791	18.561528	79.836977	11.39	IV
792	18.546904	79.837151	14.73	IV
793	18.552750	79.837797	5.51	IV

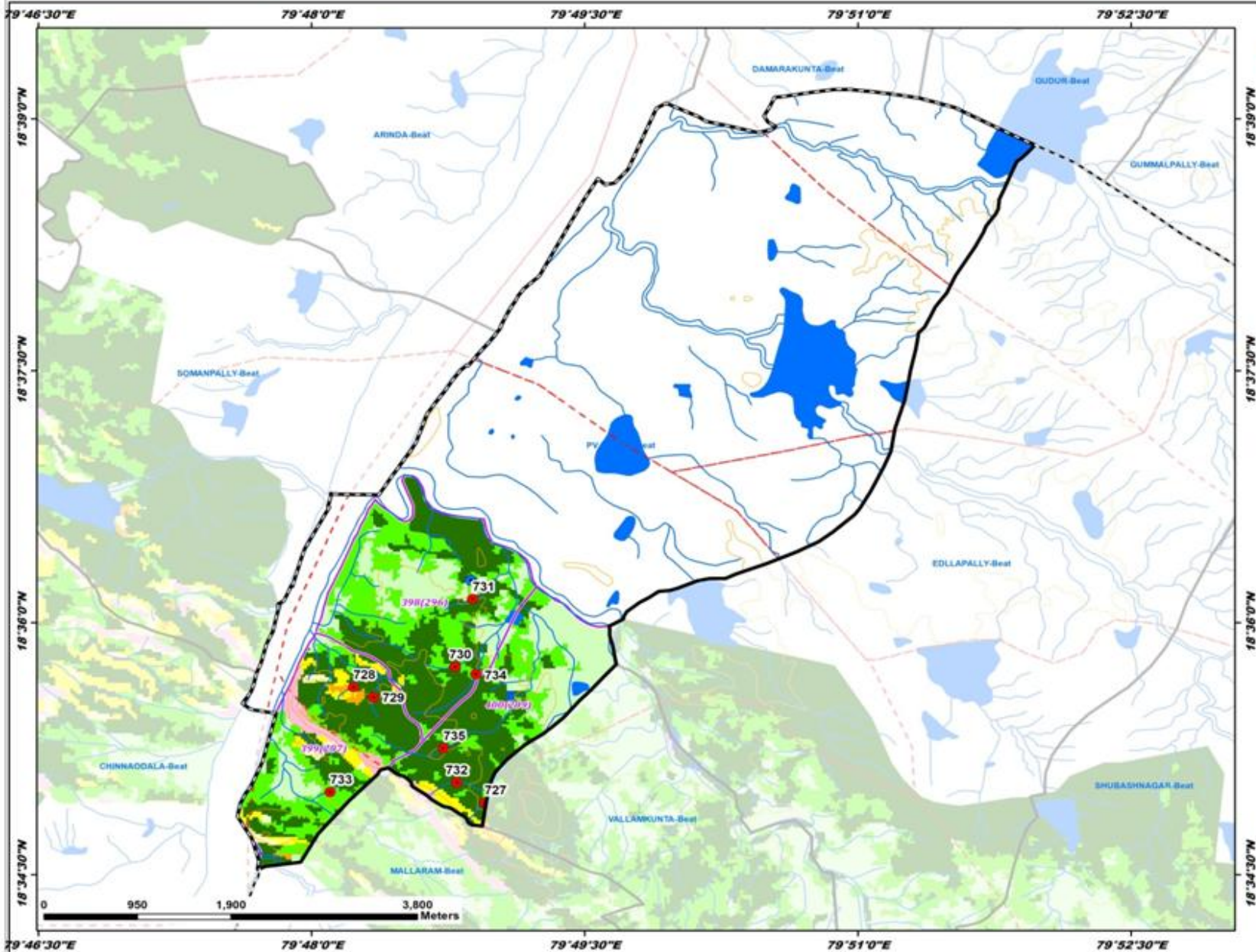
LEGEND

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

Suitability Index

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

Map Showing Suitability Index for Construction of SMC Works of PV Nagar Beat



Division : Bhupalpally
Range : Koyyur

ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
727	18.582152	79.815834	13.52	I
728	18.593605	79.803835	5.32	I
729	18.592618	79.805670	9.29	I
730	18.595625	79.813123	12.63	I
731	18.602364	79.814736	13.59	I
732	18.584157	79.813330	8.30	I
733	18.583209	79.801703	17.11	II
734	18.594895	79.815040	38.22	II
735	18.587544	79.812068	46.24	II

LEGEND

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

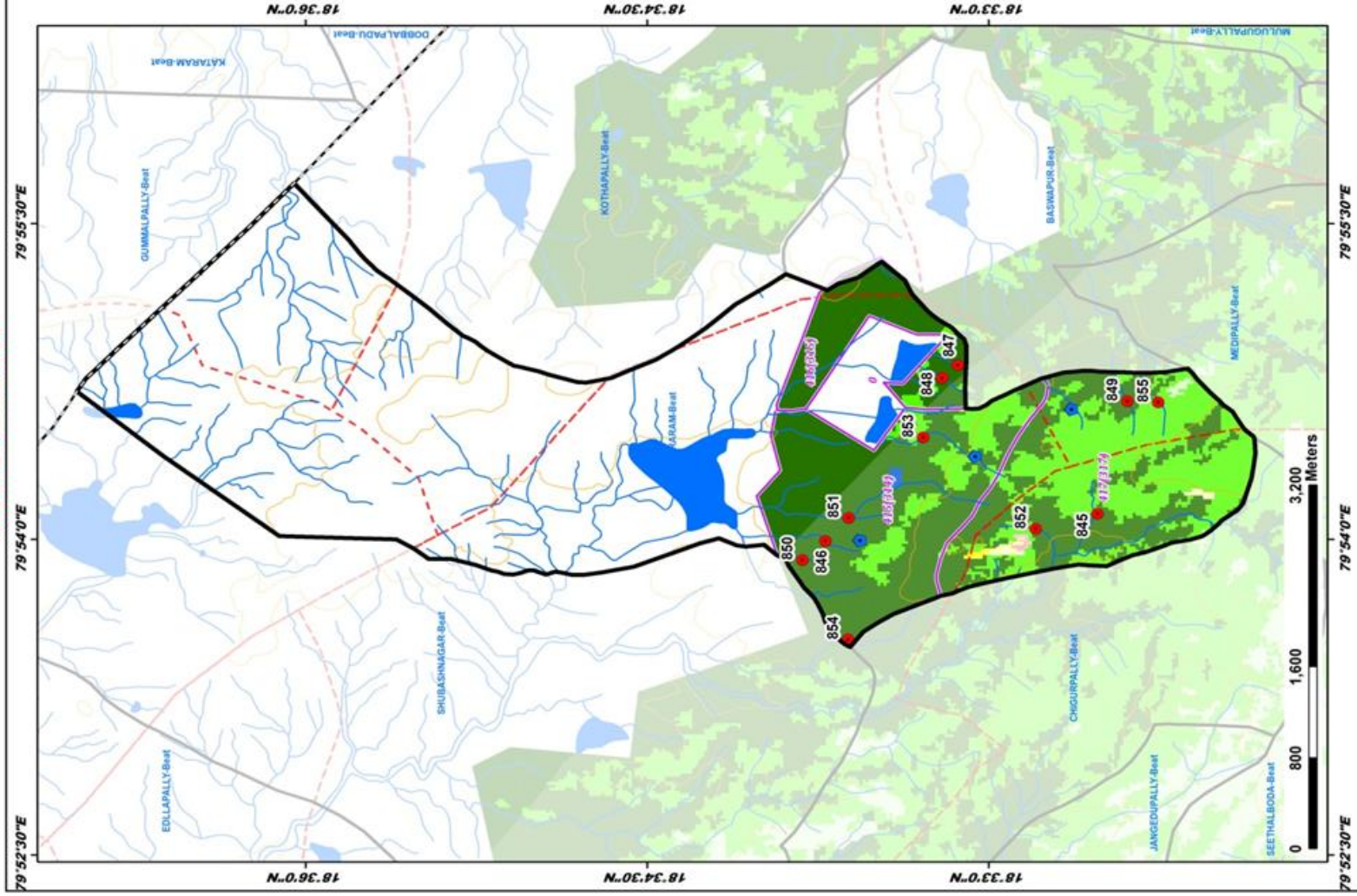
Suitability Index

- 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 Rudrararam Beat



Division : Bhupalpally
Range : Koyyur



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
845	18.542032	79.902048	22.53	I
846	18.561959	79.899885	18.63	I
847	18.552264	79.913810	10.35	I
848	18.553400	79.912802	6.06	I
849	18.539850	79.910966	14.81	I
850	18.563624	79.898387	6.76	I
851	18.560253	79.901705	24.15	I
852	18.548553	79.900845	23.90	I
853	18.554791	79.900808	29.86	II
854	18.560286	79.892087	28.66	II
855	18.537590	79.910867	26.34	III

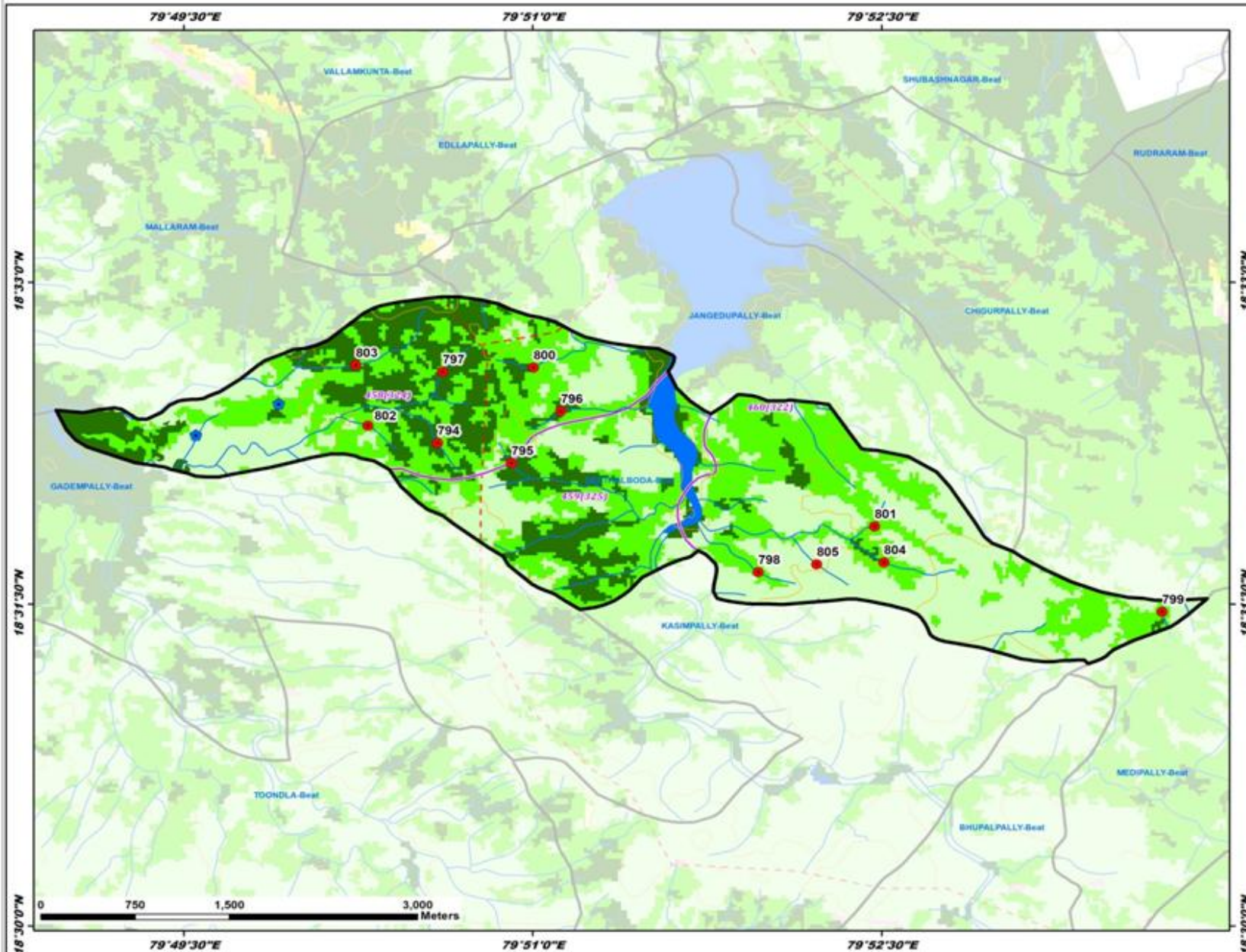
LEGEND

- Proposed PTDs
 - Existing CDPDs
 - Contours
 - Streams
 - Watershed Boundary
 - Compartment Boundary
 - Beat Boundary
 - Division Boundary
- ### Suitability 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 Seethalboda Beat



Division : Bhupalpally
Range : Koyyur



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
794	18.537515	79.843184	18.31	I
795	18.535955	79.848473	7.31	I
796	18.539994	79.852026	11.10	I
797	18.543049	79.843556	10.28	II
798	18.527494	79.866166	12.75	II
799	18.524395	79.895087	7.98	II
800	18.543376	79.850056	11.16	II
801	18.531045	79.874494	20.60	II
802	18.538861	79.838202	8.38	II
803	18.543570	79.837329	51.00	IV
804	18.528256	79.875160	51.86	IV
805	18.528100	79.870345	10.41	IV

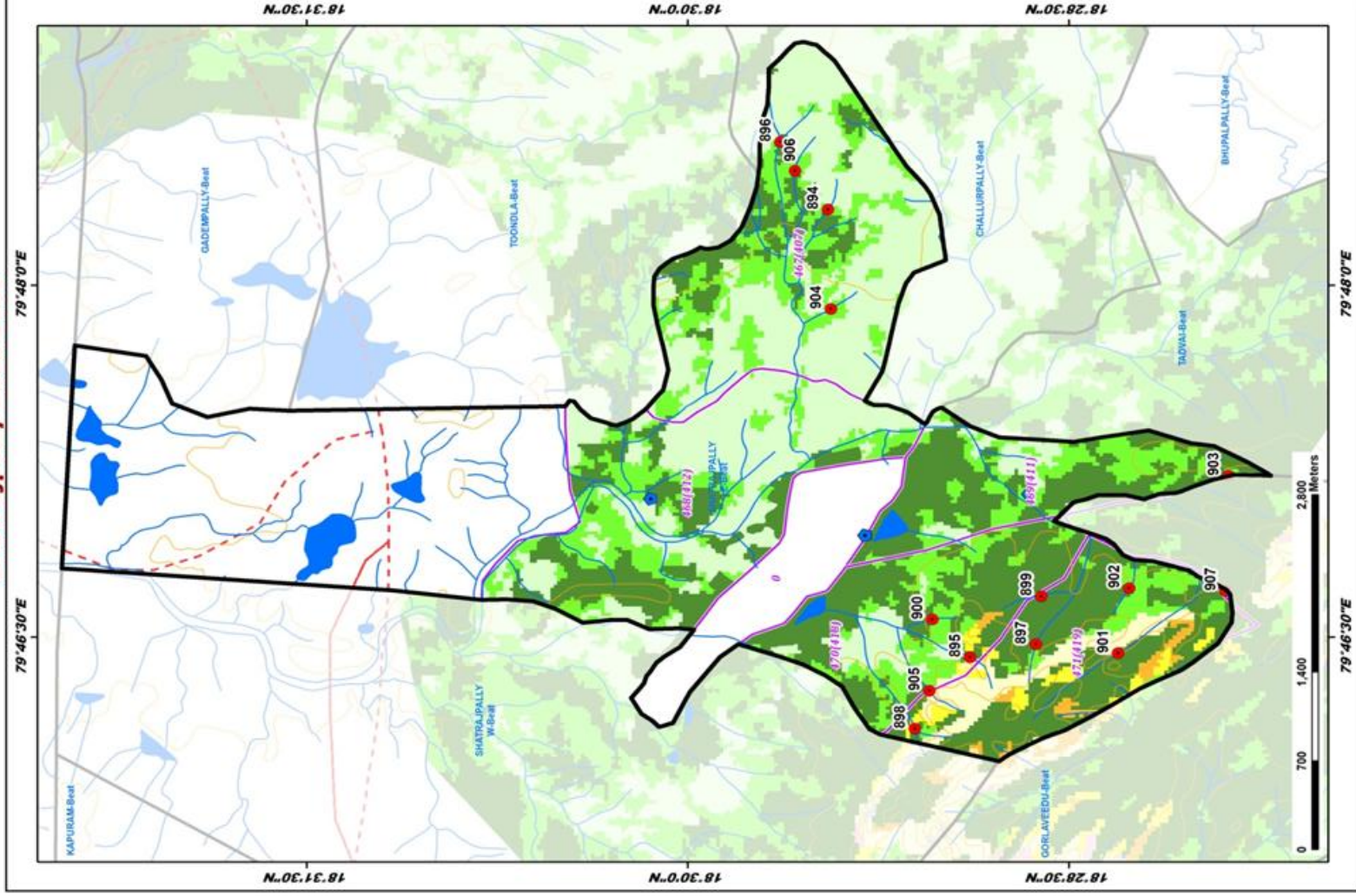
LEGEND

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

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



Division : Bhupalpally
Range : Koyyur



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
894	18.460799	79.865409	8.57	I
895	18.481669	79.775389	18.71	I
896	18.493916	79.810225	15.26	I
897	18.477156	79.776519	8.28	I
898	18.485311	79.766524	19.54	I
899	18.478815	79.777939	5.32	I
900	18.483947	79.776204	5.50	I
901	18.471771	79.771888	22.33	I
902	18.471045	79.776502	13.49	II
903	18.464626	79.766495	14.34	II
904	18.460597	79.796345	22.06	II
905	18.484156	79.771209	14.57	II
906	18.462968	79.808170	6.85	III
907	18.464728	79.776324	51.40	III

LEGEND

- Proposed PTs
- Existing CDPTs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat Boundary
- Division Boundary

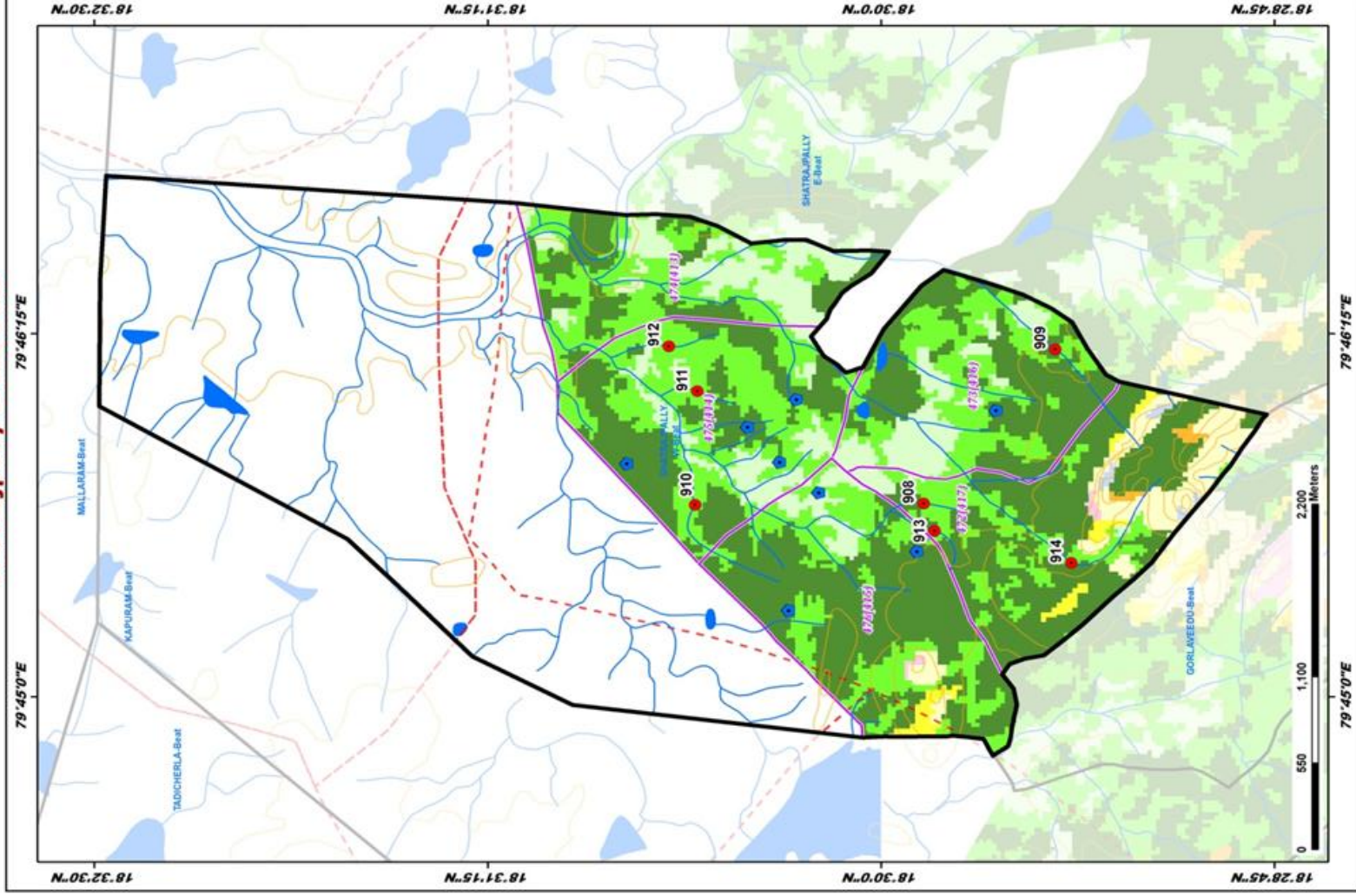
Suitability Index

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

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



Division : Bhupalpally
Range : Koyyur



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
908	18.497739	79.761114	7.76	I
909	18.497770	79.769962	13.67	I
910	18.509844	79.761045	24.65	II
911	18.509740	79.767558	7.96	II
912	18.512138	79.770136	11.63	II
913	18.497165	79.759543	28.57	III
914	18.489933	79.757718	34.43	III

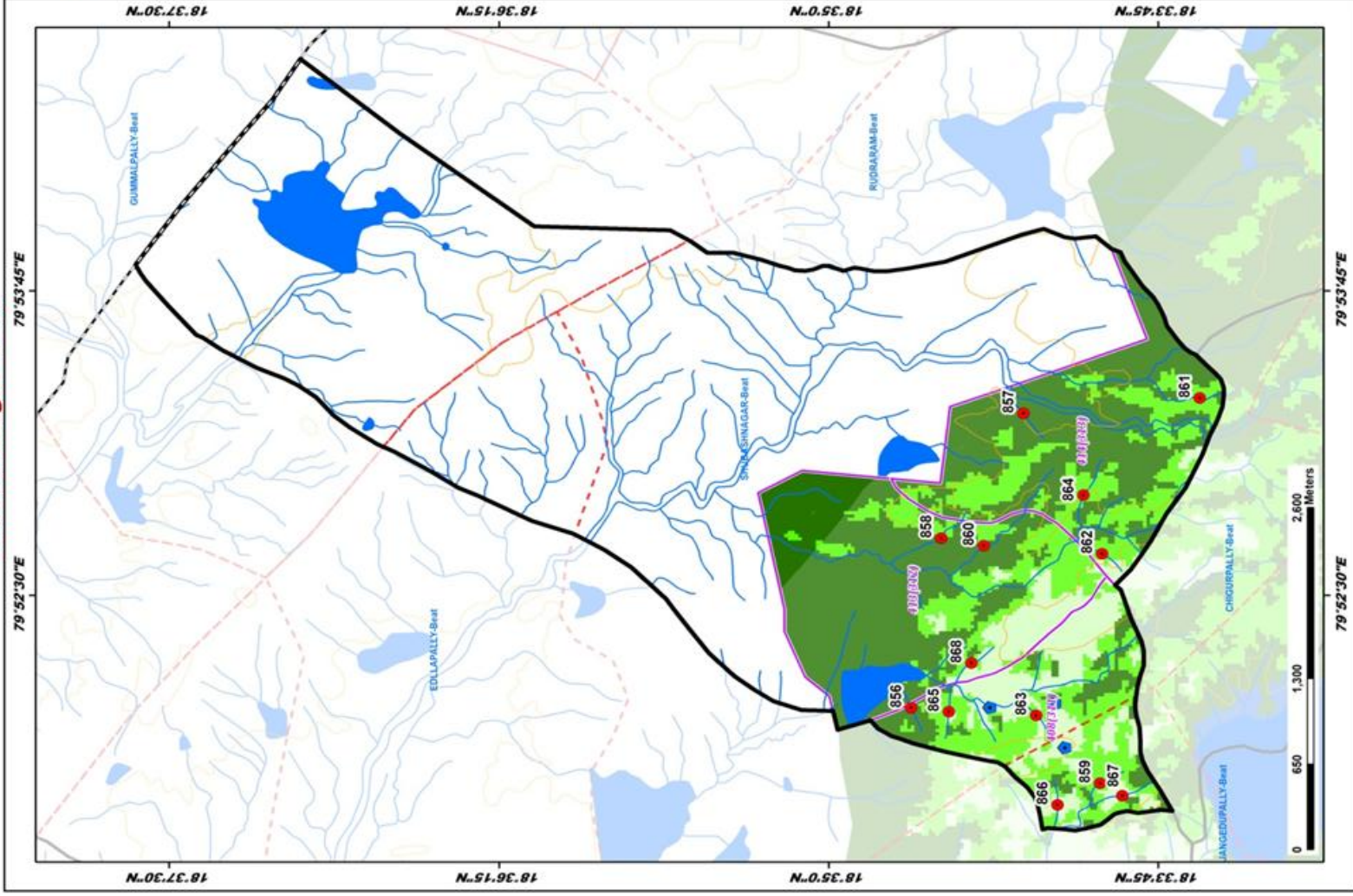
LEGEND

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

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



Division : Bhupalpally
Range : Koyyur



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
856	18.578108	79.867316	5.63	I
857	18.571017	79.867478	9.39	I
858	18.576217	79.878942	14.44	II
859	18.566183	79.863159	11.38	II
860	18.573537	79.879413	29.74	II
861	18.559881	79.888521	10.83	II
862	18.566055	79.877865	7.15	II
863	18.570212	79.866816	9.31	II
864	18.567231	79.861881	8.74	II
865	18.573734	79.867099	6.11	IV
866	18.568853	79.860683	9.28	IV
867	18.564781	79.861315	10.35	IV
868	18.574819	79.870393	10.74	IV

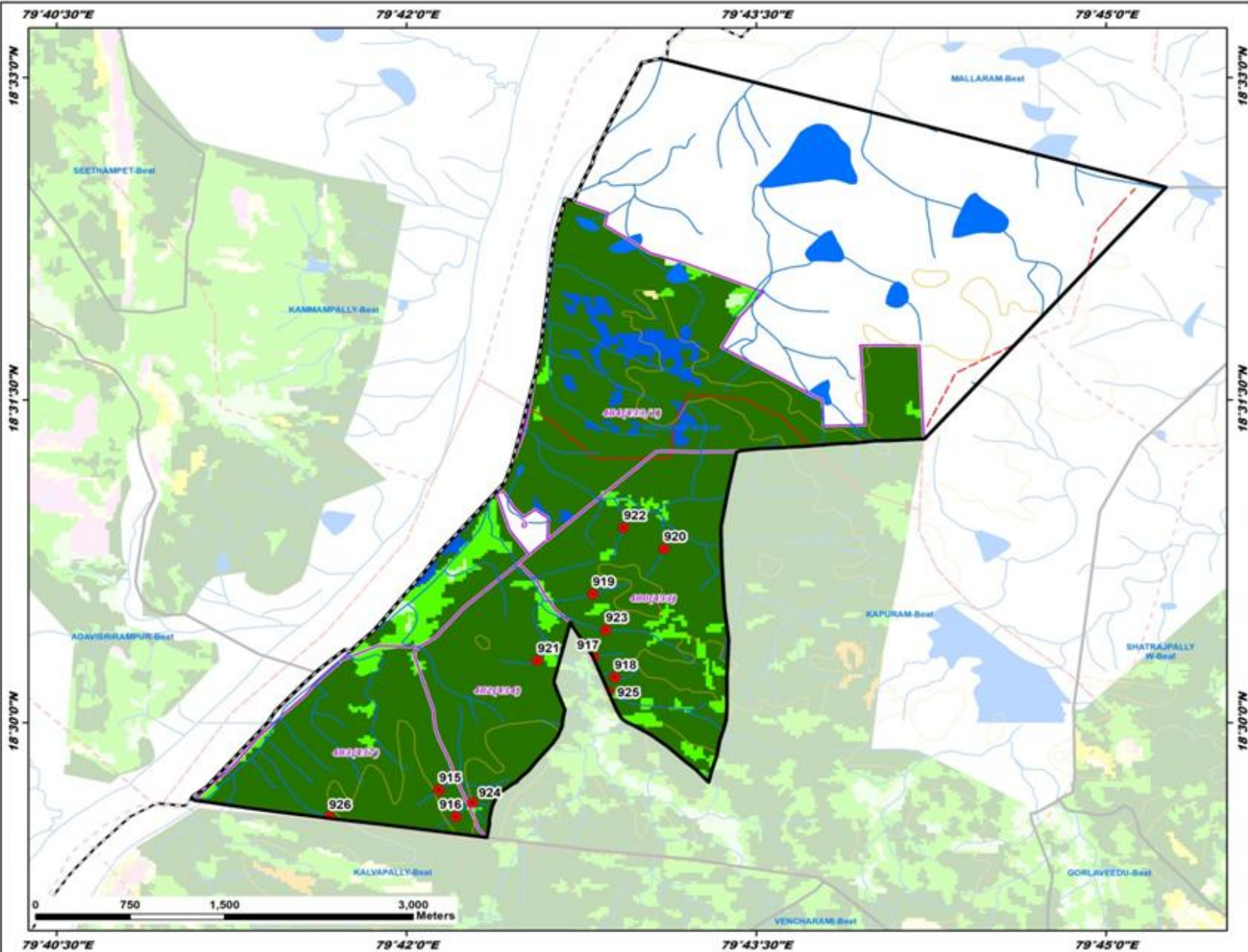
LEGEND

- Proposed PTs
 - Existing CDPTs
 - Contours
 - Streams
 - Watershed Boundary
 - Compartment Boundary
 - Beat Boundary
 - Division Boundary
- ### Suitability Index
- CCTs/SCTs - Highly Suitable
 - CCTs/SCTs - Moderately Suitable
 - CCTs/SCTs - Least Suitable
 - PTs - Highly Suitable
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 - MPTs and SGPs - Suitable
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Map Showing Suitability Index for Construction of SMC Works of Tadicherla Beat



Division : Bhupalpally
Range : Koyyur



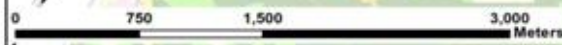
ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
915	18.494783	79.702334	8.54	I
916	18.492701	79.703533	10.08	I
917	18.505251	79.713380	6.83	I
918	18.503513	79.714875	5.89	I
919	18.509968	79.713301	9.56	I
920	18.513479	79.718408	10.18	I
921	18.504815	79.709359	12.53	I
922	18.515107	79.715527	8.64	I
923	18.507196	79.714233	29.30	II
924	18.493802	79.704726	9.87	II
925	18.502383	79.714436	54.48	III
926	18.492685	79.694455	61.83	III

LEGEND

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

Suitability Index

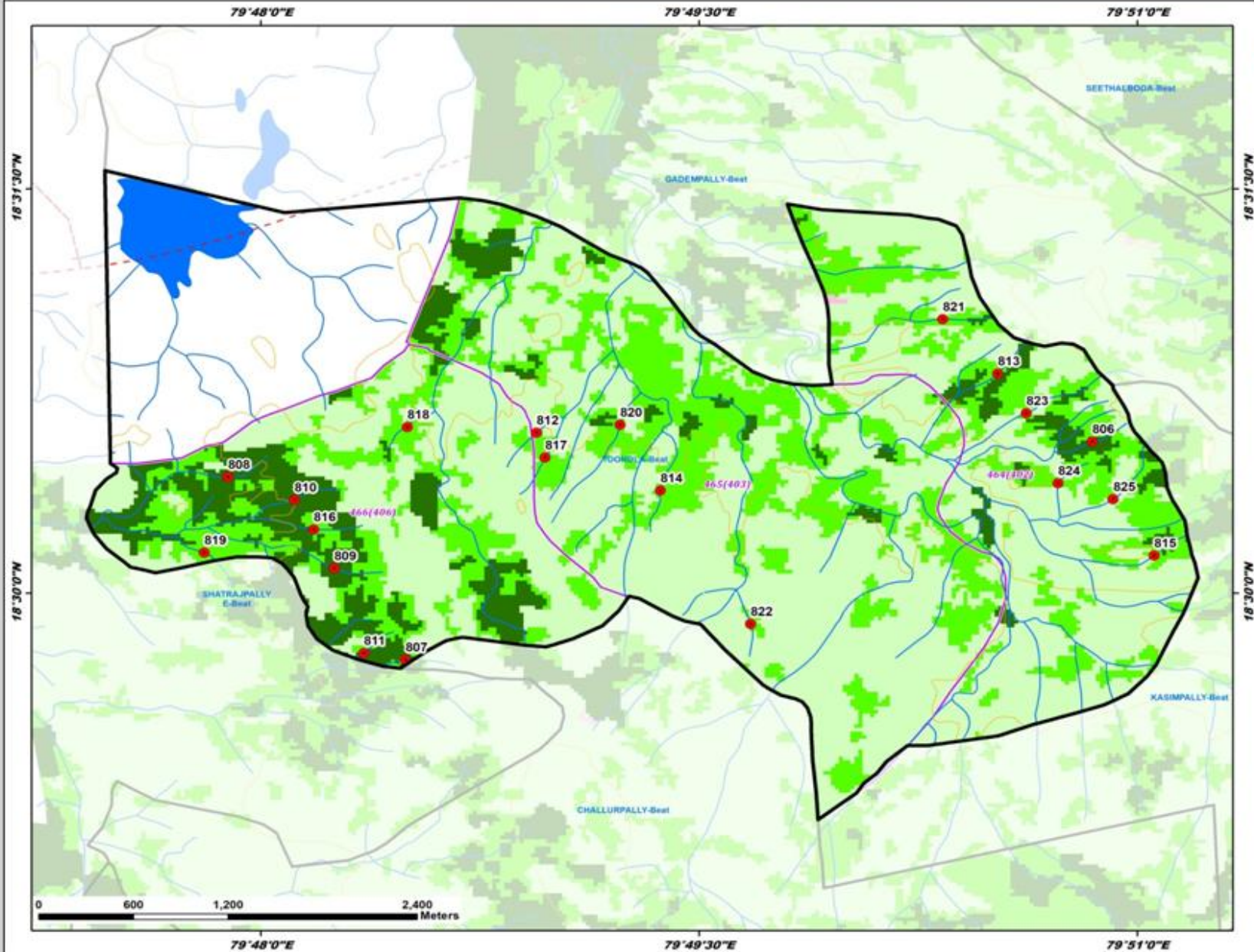
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Map Showing Suitability Index for Construction of SMC Works of Toondla Beat



Division : Bhupalpally
Range : Koyyur



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
806	18.509379	79.847440	6.15	I
807	18.495883	79.808252	7.76	I
808	18.507192	79.798127	12.03	I
809	18.501542	79.804190	9.30	I
810	18.505767	79.801924	11.52	I
811	18.496300	79.805886	5.05	I
812	18.509931	79.815730	7.13	II
813	18.513586	79.842045	13.89	II
814	18.506355	79.822806	8.52	II
815	18.502123	79.850975	11.20	II
816	18.509951	79.803025	6.96	II
817	18.508388	79.816222	8.45	II
818	18.510285	79.808360	13.82	II
819	18.502516	79.796774	20.35	II
820	18.510422	79.820508	17.35	II
821	18.516955	79.838907	16.97	II
822	18.498093	79.827946	25.42	II
823	18.511132	79.843686	35.65	II
824	18.506814	79.845499	5.27	IV
825	18.505611	79.848637	43.69	V

LEGEND

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

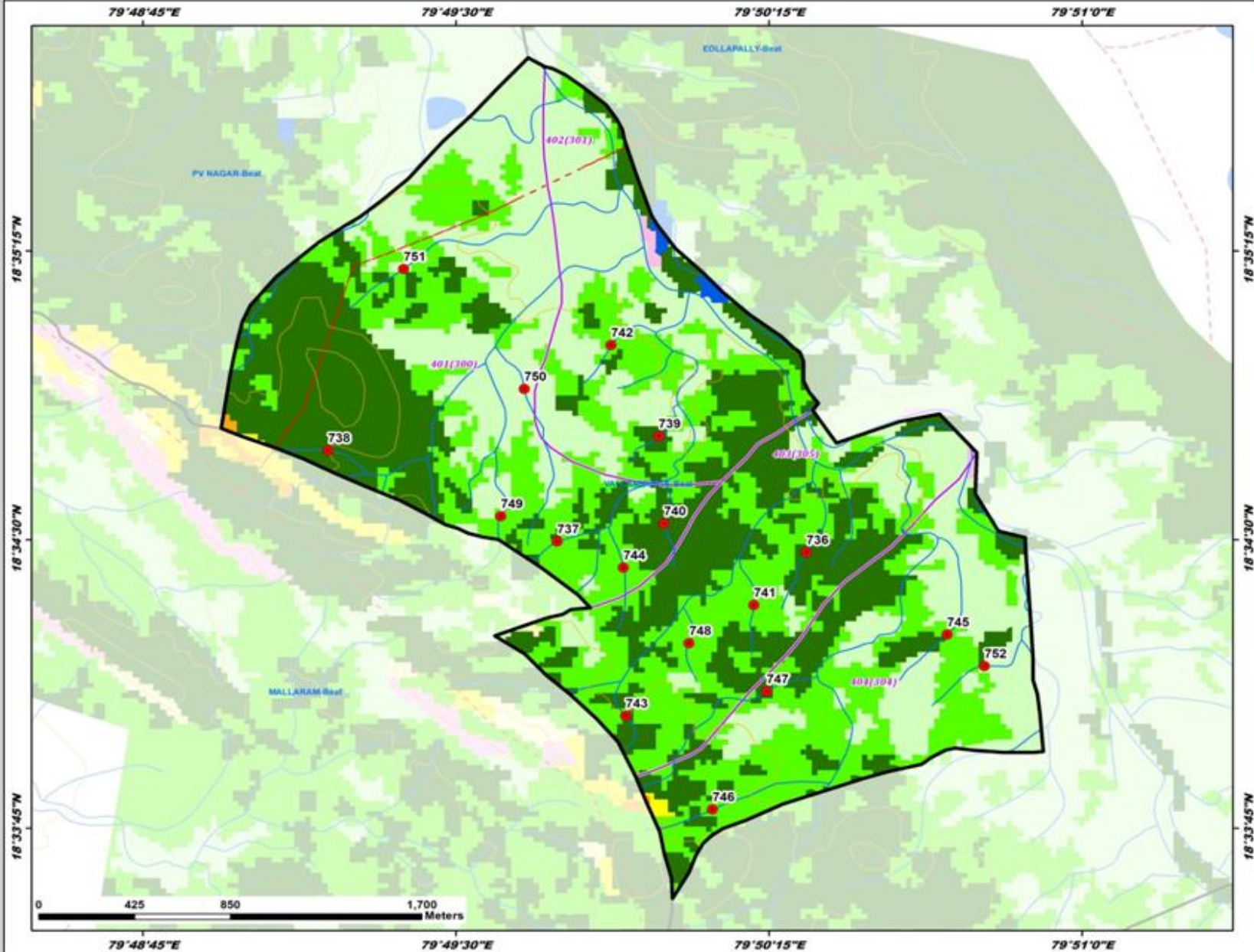
Suitability Index

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



Division : Bhupalpally
Range : Koyyur



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
736	18.574454	79.839002	7.24	I
737	18.574922	79.829040	8.63	I
738	18.578864	79.819900	7.06	I
739	18.579483	79.833097	8.06	I
740	18.575702	79.833112	7.01	I
741	18.572169	79.836902	7.71	II
742	18.583425	79.831200	7.98	II
743	18.567374	79.831787	10.13	II
744	18.573786	79.831687	12.58	II
745	18.570888	79.844616	8.48	II
746	18.563317	79.835245	11.34	II
747	18.568431	79.837408	25.85	II
748	18.570523	79.834315	5.08	II
749	18.576020	79.826794	25.14	III
750	18.581527	79.827736	18.40	IV
751	18.586724	79.822912	16.30	IV
752	18.569528	79.846111	11.31	IV

LEGEND

- Proposed PTs
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Suitability Index

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