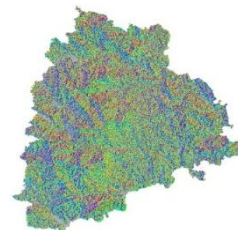
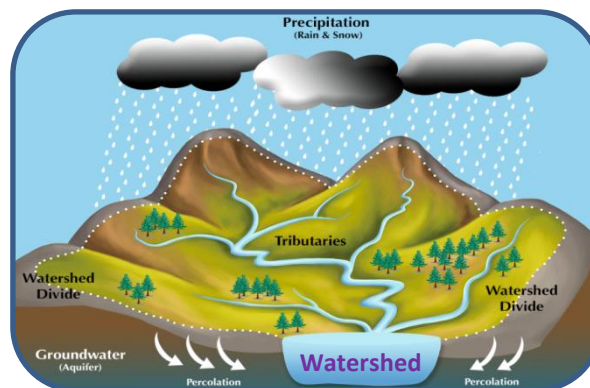


Government of Telangana – Forest Department



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



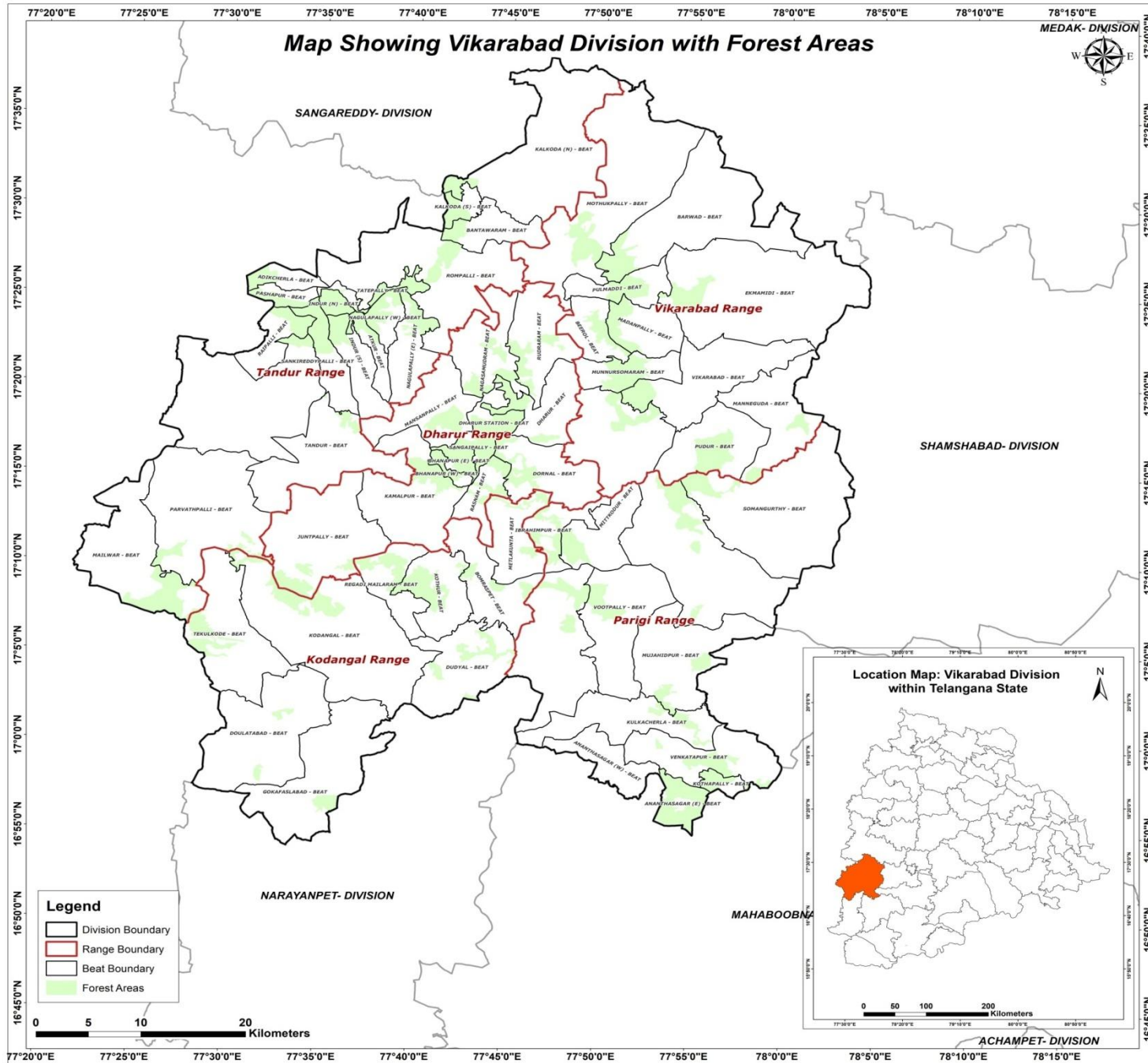
SITE SUITABILITY ANALYSIS FOR WATER HARVESTING STRUCTURES USING REMOTE SENSING & GIS

Circle: Charminar
District: Vikarabad
Division: Vikarabad

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

Map Showing Vikarabad Division with Forest Areas

MEDAK-DIVISION



SHAMSHABAD-DIVISION

Location Map: Vikarabad Division within Telangana State



ACHAMPET-DIVISION

METHODOLOGY

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

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



FLOW CHART FOR METHODOLOGY



Guidelines for building Percolation Tanks:

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



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

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

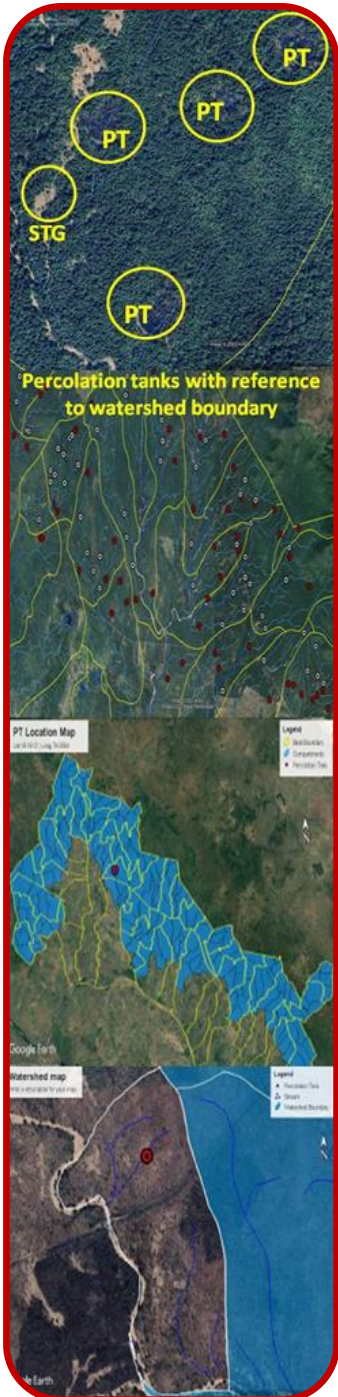
Suitability criteria for Continuous/Staggered contour trenches

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



PRIORITY CLASSES FOR PERCOLATION TANK

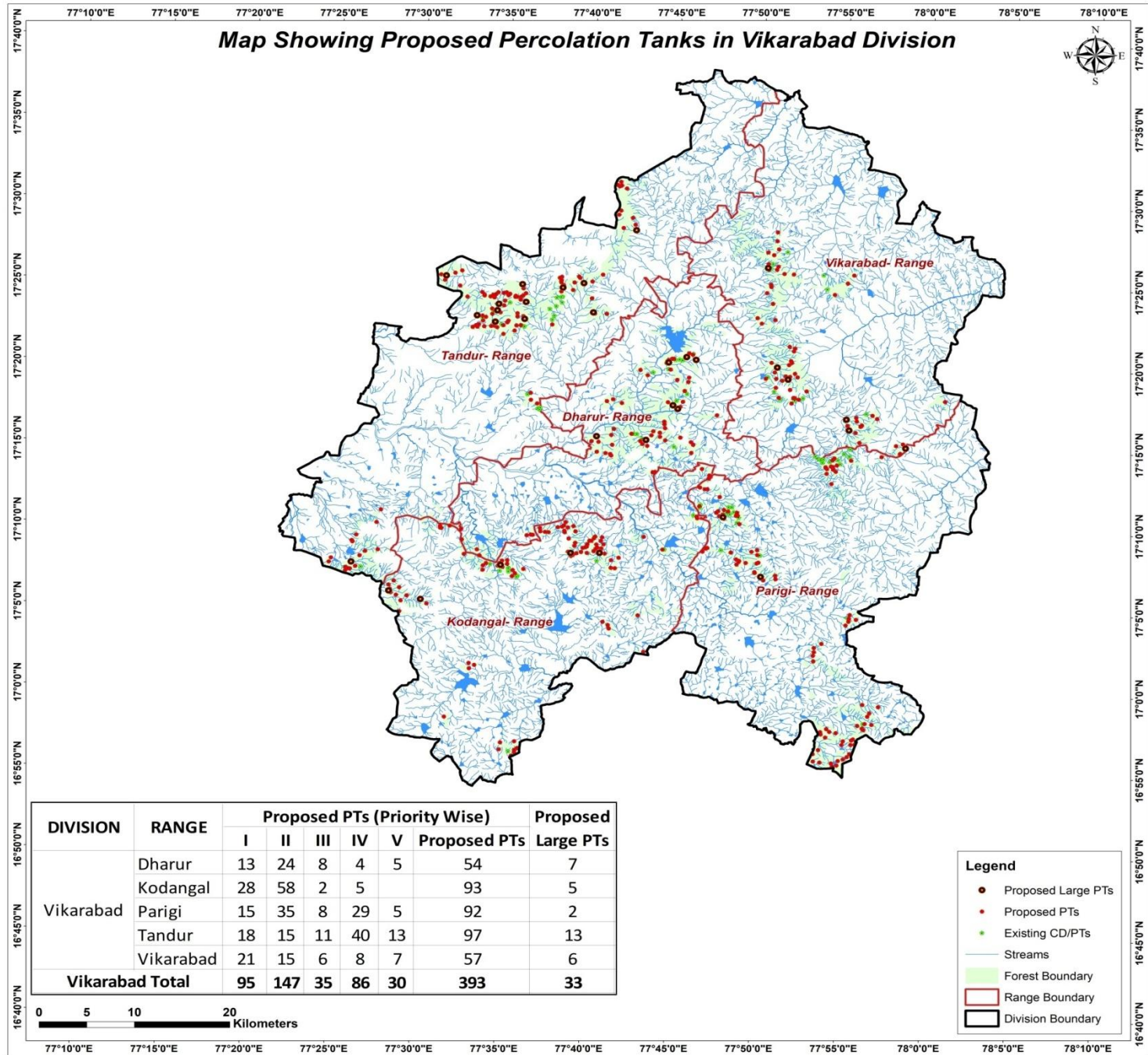
Priority	Catchment Area(Ha)	Density Class
1	0-25	Scrub
	0-25	Blank
2	0-25	Open Forest
	25-50	Blank
3	25-50	Open Forest
	>50	Scrub & blank
4	0-25	Dense Forest
	>50	Open Forest
5	25-50	Dense Forest
	>50	Dense Forest







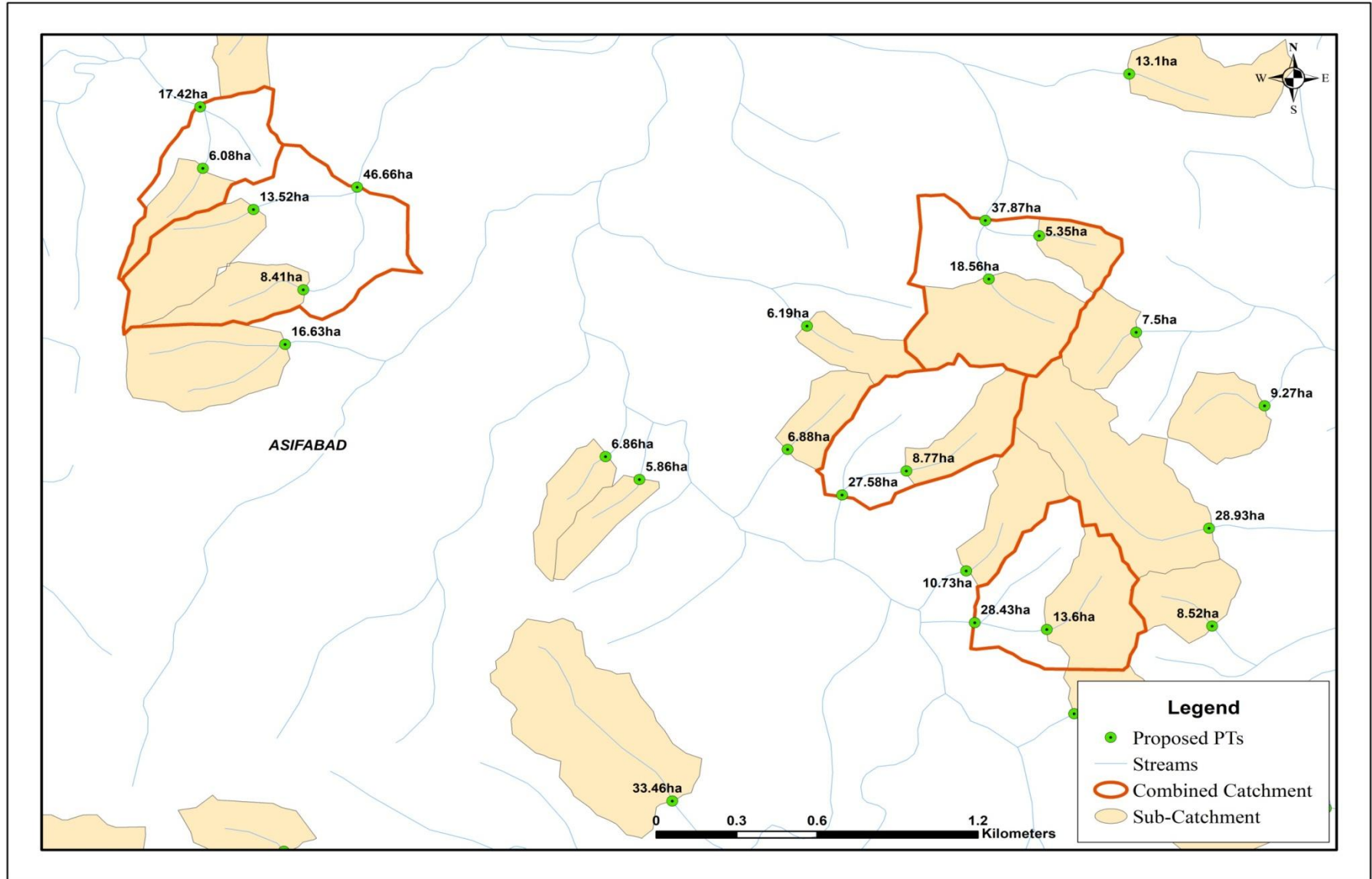
Map Showing Proposed Percolation Tanks in Vikarabad Division



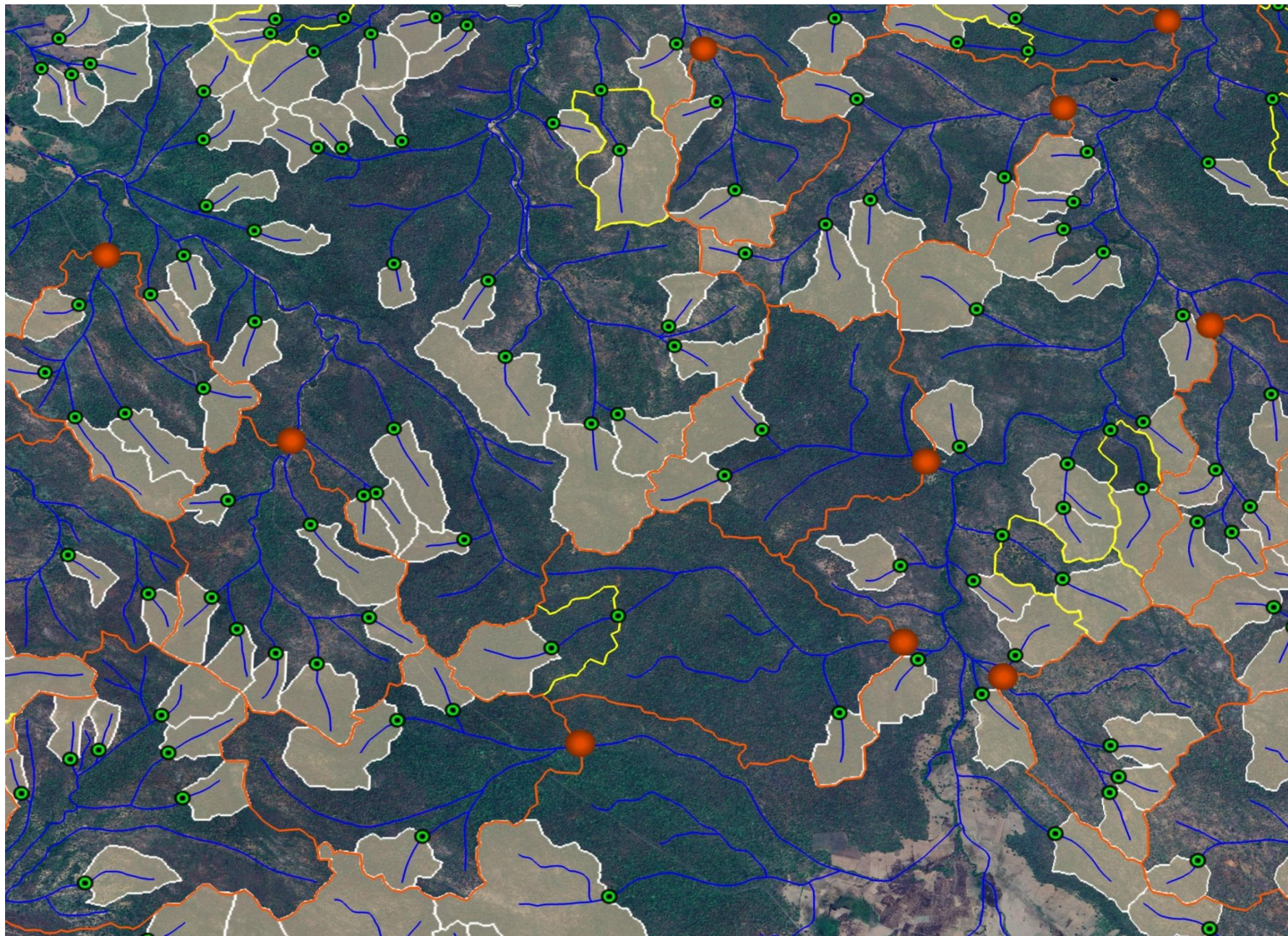
DIVISION	RANGE	Proposed PTs (Priority Wise)					Proposed PTs	Proposed Large PTs
		I	II	III	IV	V		
Vikarabad	Dharur	13	24	8	4	5	54	7
	Kodangal	28	58	2	5		93	5
	Parigi	15	35	8	29	5	92	2
	Tandur	18	15	11	40	13	97	13
	Vikarabad	21	15	6	8	7	57	6
Vikarabad Total		95	147	35	86	30	393	33

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

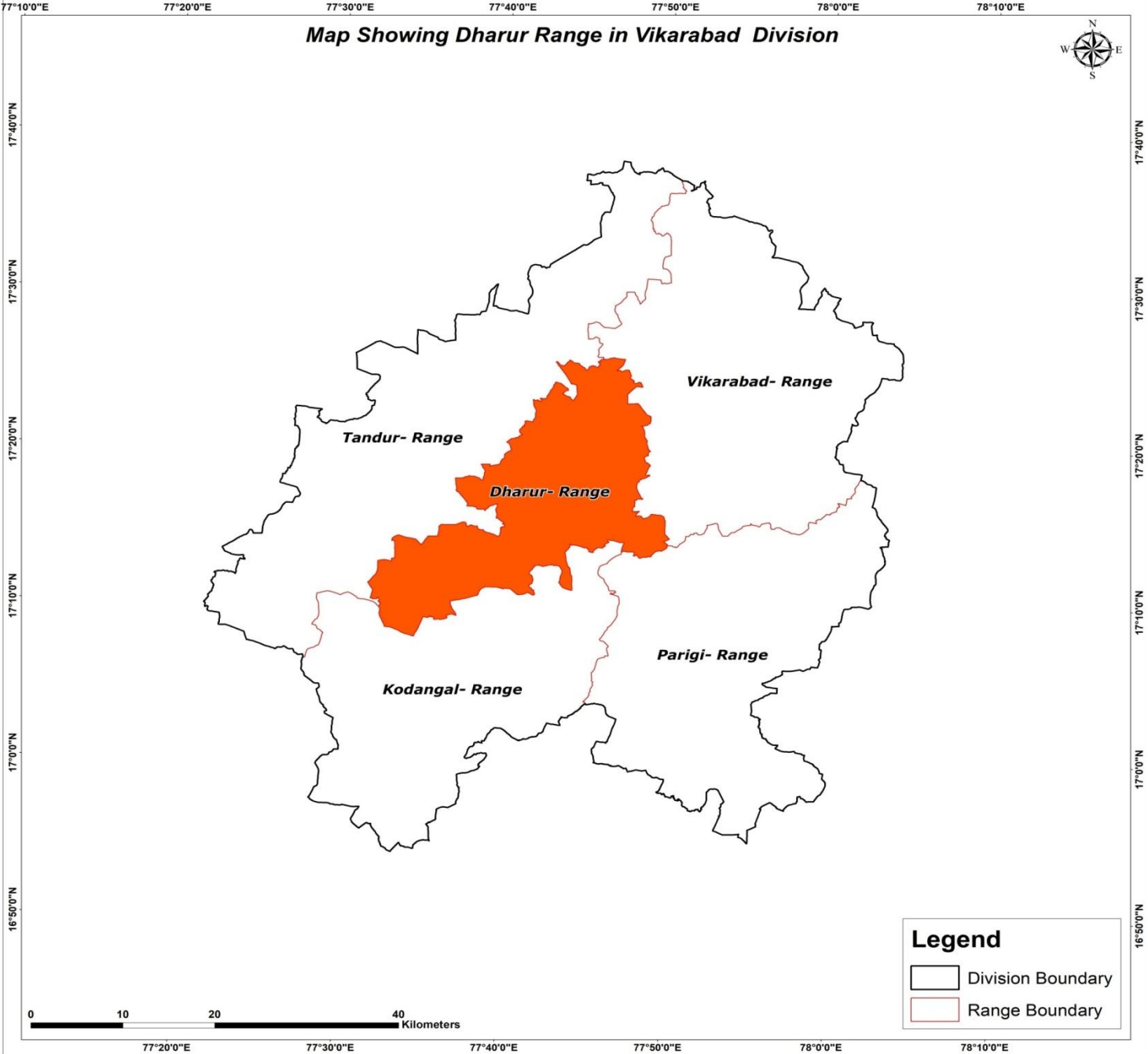
CATCHMENT AREA



Sample Catchment Map



Map Showing Dharur Range in Vikarabad Division



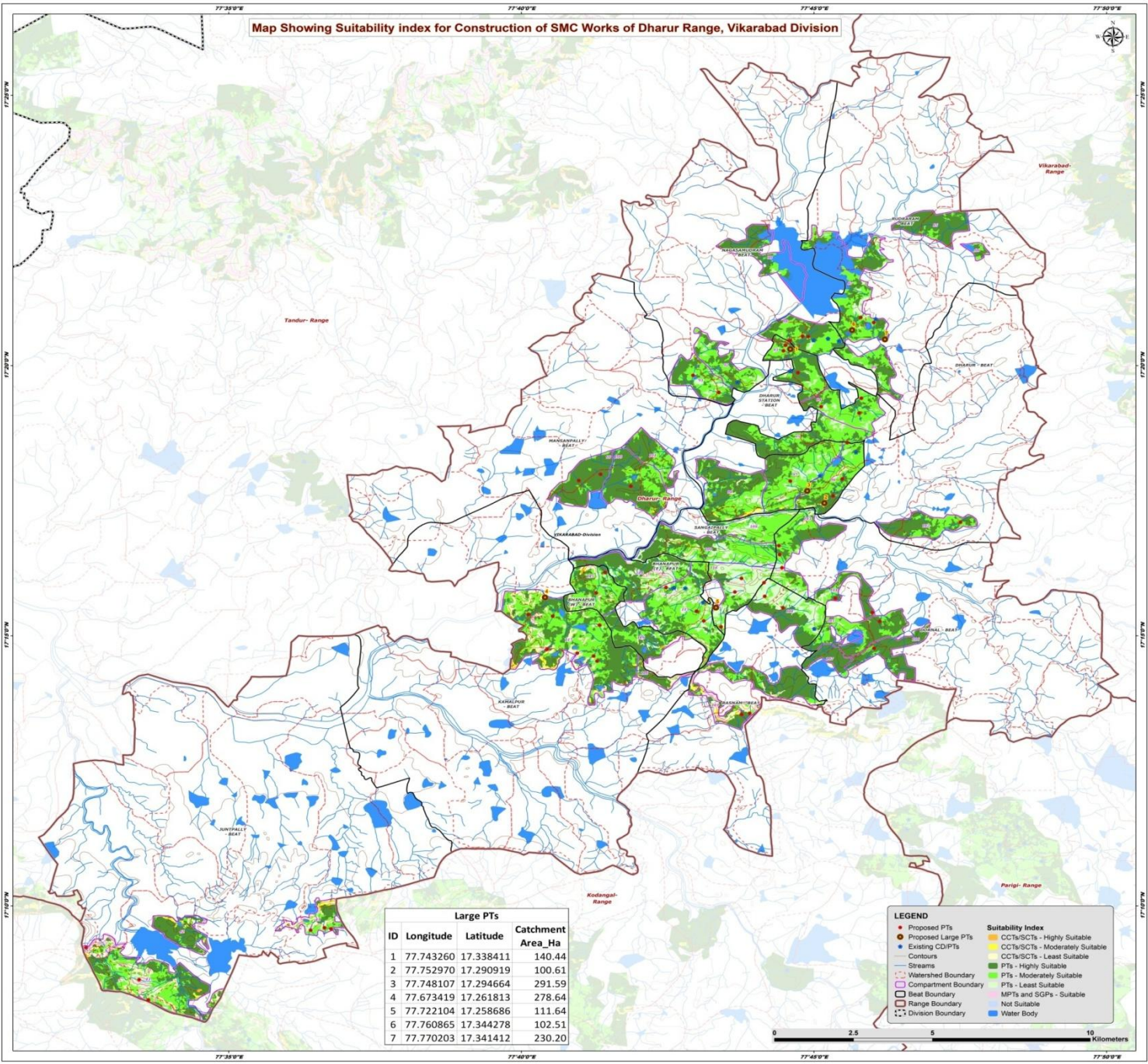
17°40'0"N
17°30'0"N
17°20'0"N
17°10'0"N
17°0'0"N
16°50'0"N

17°40'0"N
17°30'0"N
17°20'0"N
17°10'0"N
17°0'0"N
16°50'0"N

0 10 20 40 Kilometers

77°20'0"E 77°30'0"E 77°40'0"E 77°50'0"E 78°0'0"E 78°10'0"E

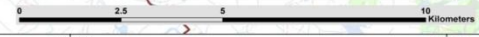
Map Showing Suitability index for Construction of SMC Works of Dharur Range, Vikarabad Division



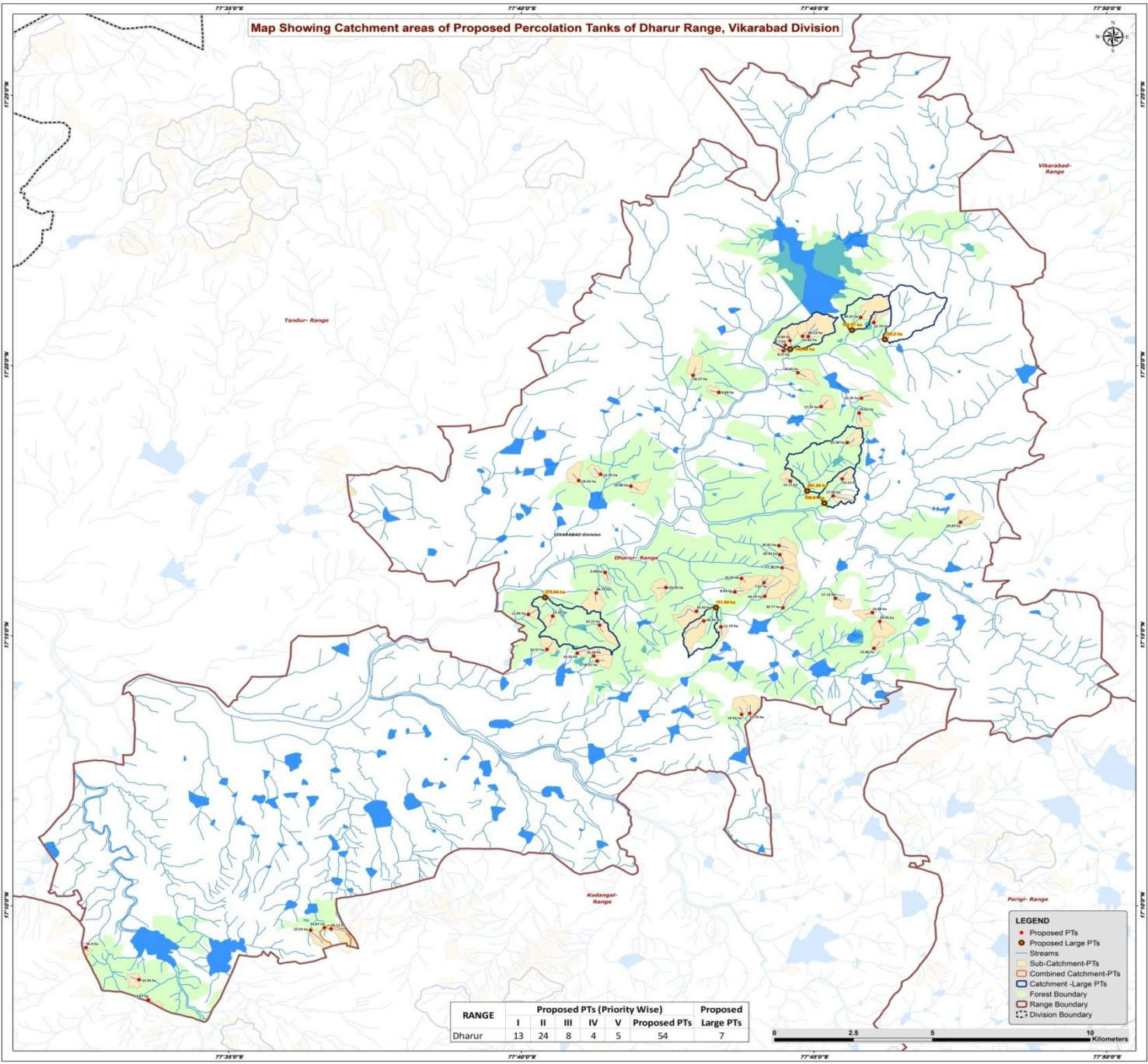
Large PTs			
ID	Longitude	Latitude	Catchment Area_Ha
1	77.743260	17.338411	140.44
2	77.752970	17.290919	100.61
3	77.748107	17.294664	291.59
4	77.673419	17.261813	278.64
5	77.722104	17.258686	111.64
6	77.760865	17.344278	102.51
7	77.770203	17.341412	230.20

LEGEND

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

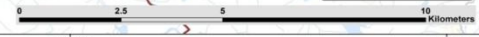


Map Showing Catchment areas of Proposed Percolation Tanks of Dharur Range, Vikarabad Division



RANGE	Proposed PTs (Priority Wise)					Proposed Large PTs
	I	II	III	IV	V	
Dharur	13	24	8	4	5	54
						7

- 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 – Dharur Range

S. No.	Beat	Proposed PT's
1	BHANAPUR EAST	3
2	BHANAPUR WEST	2
3	DHARUR	7
4	DHARUR STATION	4
5	DORNAL	7
6	JUNTPALLY	6
7	KAMALPUR	7
8	MANSANPALLY	3
9	NAGASAMUDRAM	5
10	RASNAM	5
11	RUDRARAM	2
12	SANGAIPALLY	3
	Total	54

List of Proposed PTs – Dharur Range

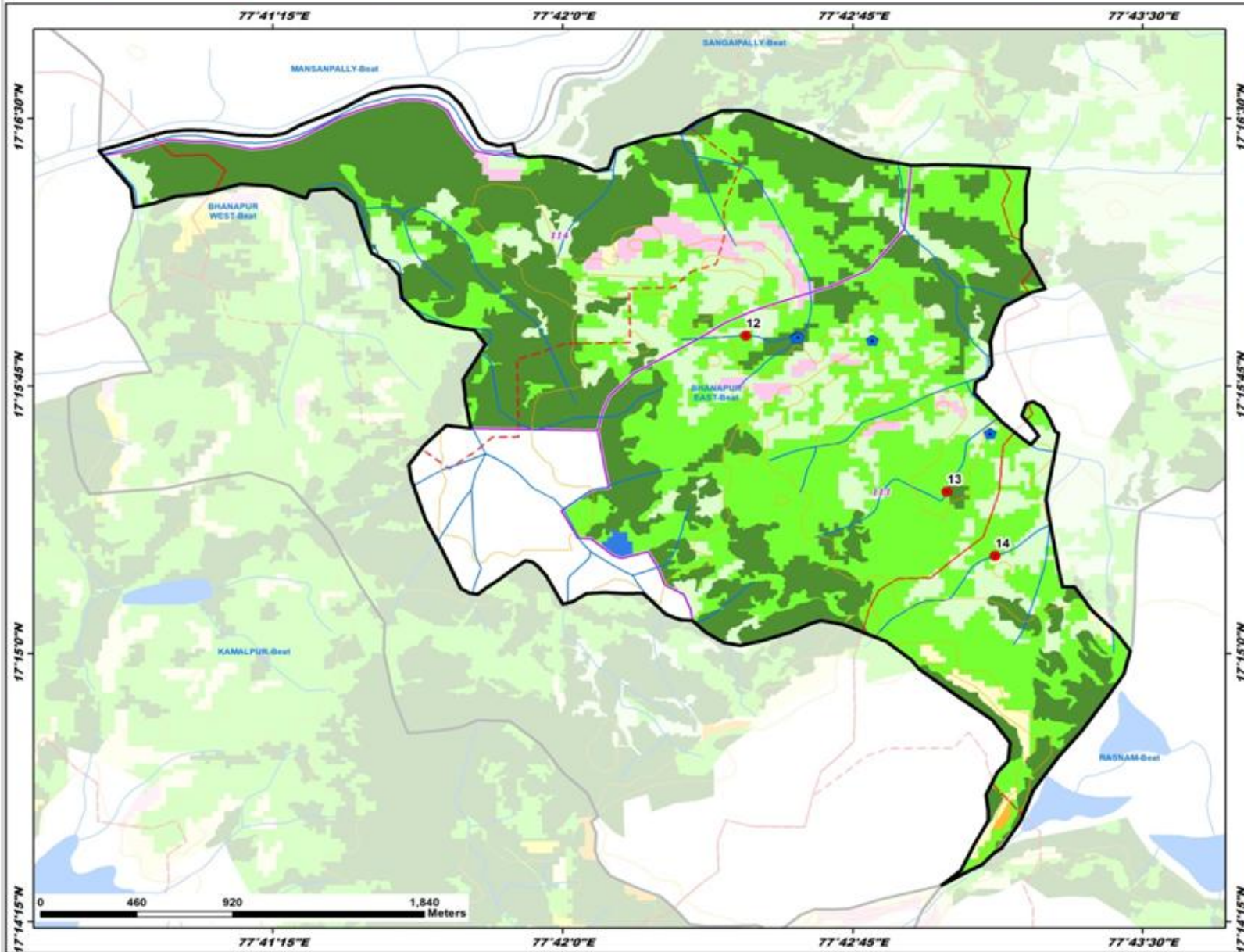
ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat
1	17.331141	77.745453	18.65	I	DHARUR
2	17.320651	77.752045	17.25	II	DHARUR
3	17.339609	77.741897	7.70	II	DHARUR
4	17.318688	77.762868	14.62	II	DHARUR
5	17.337888	77.741300	8.27	II	DHARUR
6	17.323252	77.763515	22.35	II	DHARUR
7	17.285007	77.791703	25.95	III	DHARUR
8	17.298366	77.758057	15.12	I	DHARUR STATION
9	17.293131	77.755486	17.05	I	DHARUR STATION
10	17.297697	77.743262	12.17	II	DHARUR STATION
11	17.309549	77.759500	22.38	II	DHARUR STATION
12	17.264861	77.707905	23.26	II	BHANAPUR EAST
13	17.257569	77.716577	35.43	III	BHANAPUR EAST
14	17.254575	77.718644	50.45	V	BHANAPUR EAST
15	17.269520	77.690515	5.99	I	BHANAPUR WEST
16	17.263178	77.688001	34.79	III	BHANAPUR WEST
17	17.137691	77.560455	13.67	II	JUNTPALLY
18	17.159565	77.612485	25.11	III	JUNTPALLY
19	17.159167	77.606651	27.53	III	JUNTPALLY
20	17.143902	77.557797	15.93	IV	JUNTPALLY
21	17.159907	77.610591	53.87	V	JUNTPALLY
22	17.153796	77.542700	36.30	V	JUNTPALLY
23	17.245772	77.673969	22.57	I	KAMALPUR
24	17.242173	77.688290	18.37	II	KAMALPUR
25	17.243739	77.687250	16.26	II	KAMALPUR
26	17.253265	77.688997	23.15	II	KAMALPUR
27	17.244625	77.682602	10.32	II	KAMALPUR
28	17.256591	77.668662	11.85	II	KAMALPUR
29	17.256031	77.675610	12.55	II	KAMALPUR
30	17.261541	77.756122	17.13	I	DORNAL
31	17.257117	77.766642	14.98	I	DORNAL
32	17.246099	77.767106	13.86	I	DORNAL
33	17.254429	77.768755	29.05	II	DORNAL
34	17.275009	77.740269	20.44	II	DORNAL
35	17.277768	77.740017	20.81	II	DORNAL
36	17.270954	77.740917	27.36	V	DORNAL
37	17.225723	77.729414	19.56	I	RASNAM
38	17.258620	77.741158	20.77	II	RASNAM
39	17.226021	77.731691	22.73	II	RASNAM
40	17.266357	77.735775	7.67	IV	RASNAM

ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat
41	17.262158	77.735977	44.24	V	RASNAM
42	17.252731	77.723528	11.73	I	SANGAIPALLY
43	17.267656	77.729364	23.35	II	SANGAIPALLY
44	17.263505	77.727476	8.43	IV	SANGAIPALLY
45	17.296140	77.697840	19.96	I	MANSANPALLY
46	17.299800	77.689213	12.45	I	MANSANPALLY
47	17.297849	77.683035	24.43	I	MANSANPALLY
48	17.342372	77.746768	12.82	II	NAGASAMUDRAM
49	17.341030	77.743173	23.84	II	NAGASAMUDRAM
50	17.342290	77.748362	60.13	III	NAGASAMUDRAM
51	17.330310	77.715587	26.27	III	NAGASAMUDRAM
52	17.325046	77.722931	9.69	IV	NAGASAMUDRAM
53	17.346613	77.767048	12.73	II	RUDRARAM
54	17.348175	77.763326	49.25	III	RUDRARAM

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



Division : Vikarabad
Range : Dharur



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
12	17.264861	77.707905	23.26	II
13	17.257569	77.716577	35.43	III
14	17.254575	77.718644	50.45	V

LEGEND

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

Suitability Index

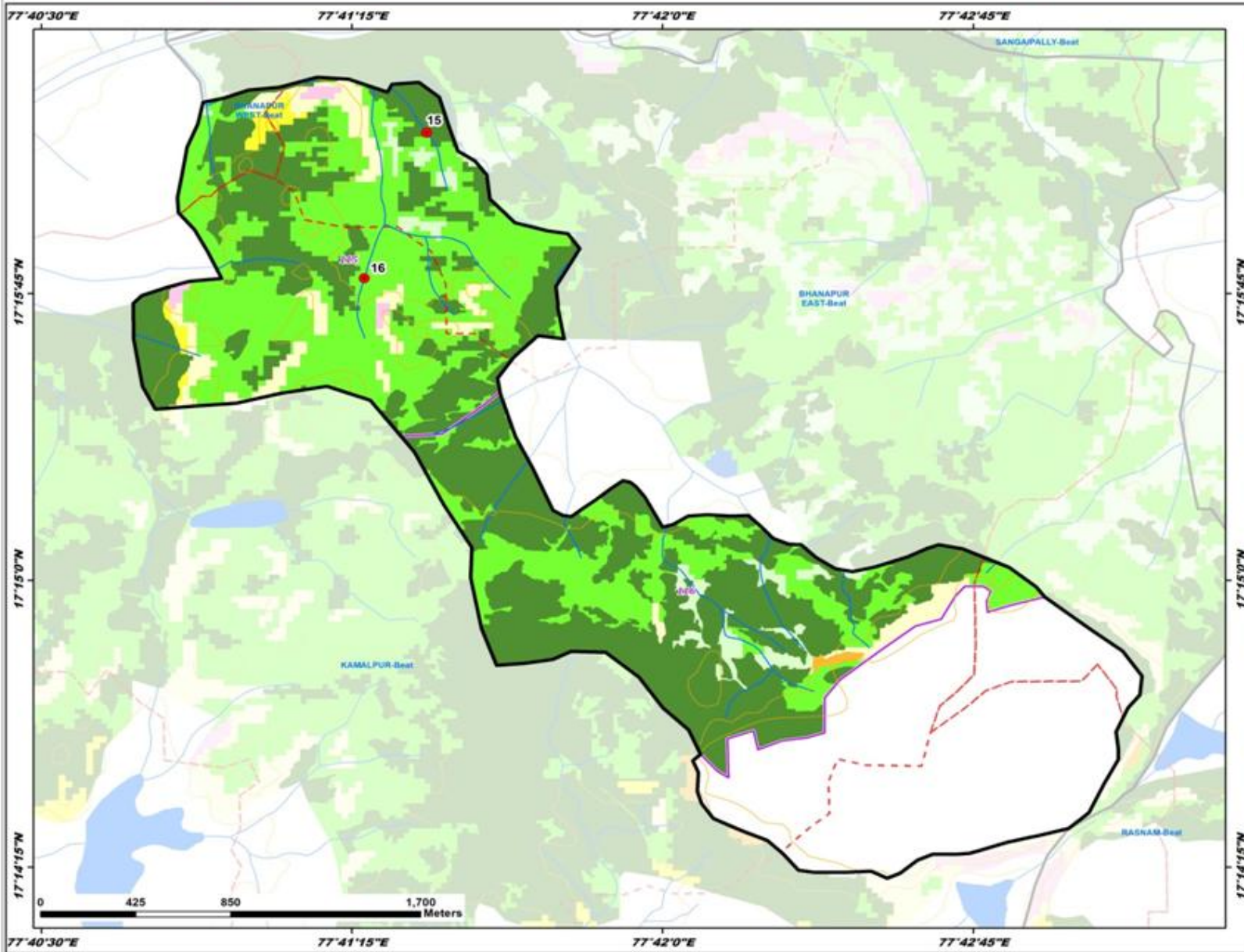
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body



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



Division : Vikarabad
Range : Dharur



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
15	17.269520	77.690515	5.99	I
16	17.263178	77.688001	34.79	III

LEGEND

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

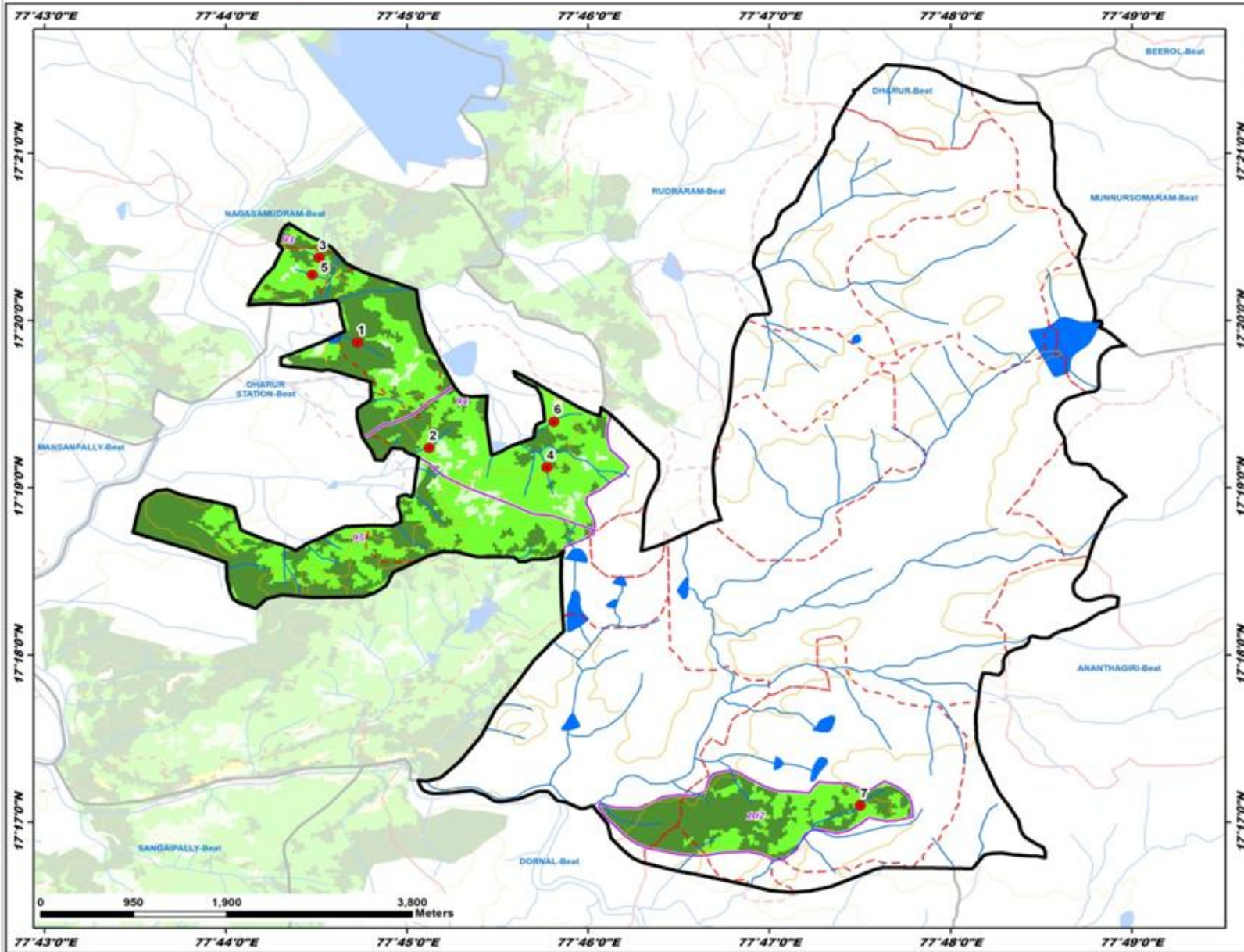
Suitability Index

- 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 Dharur Beat



Division : Vikarabad
Range : Dharur



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
1	17.331341	77.746453	18.65	I
2	17.320651	77.752045	17.25	II
3	17.339609	77.741897	7.70	II
4	17.338688	77.762886	14.62	II
5	17.337888	77.741300	8.27	II
6	17.323252	77.763515	22.35	II
7	17.285007	77.791703	25.95	III

LEGEND

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

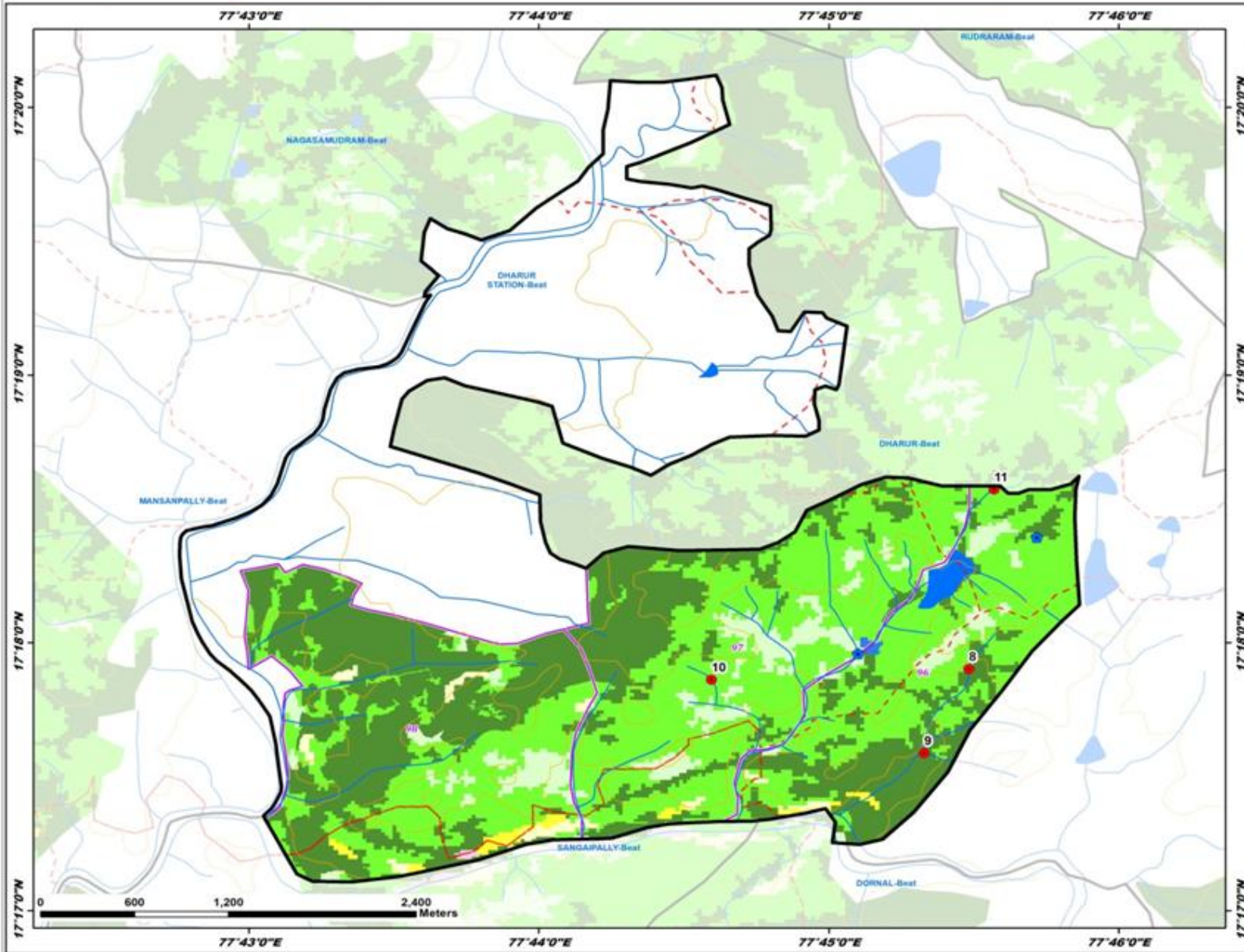
Suitability Index

- 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

Map Showing Suitability Index for Construction of SMC Works of Dharur Station Beat



Division : Vikarabad
Range : Dharur



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
8	17.298366	77.758057	15.12	I
9	17.293331	77.755486	17.05	I
10	17.297697	77.743262	12.17	II
11	17.309549	77.759500	22.38	II

LEGEND

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

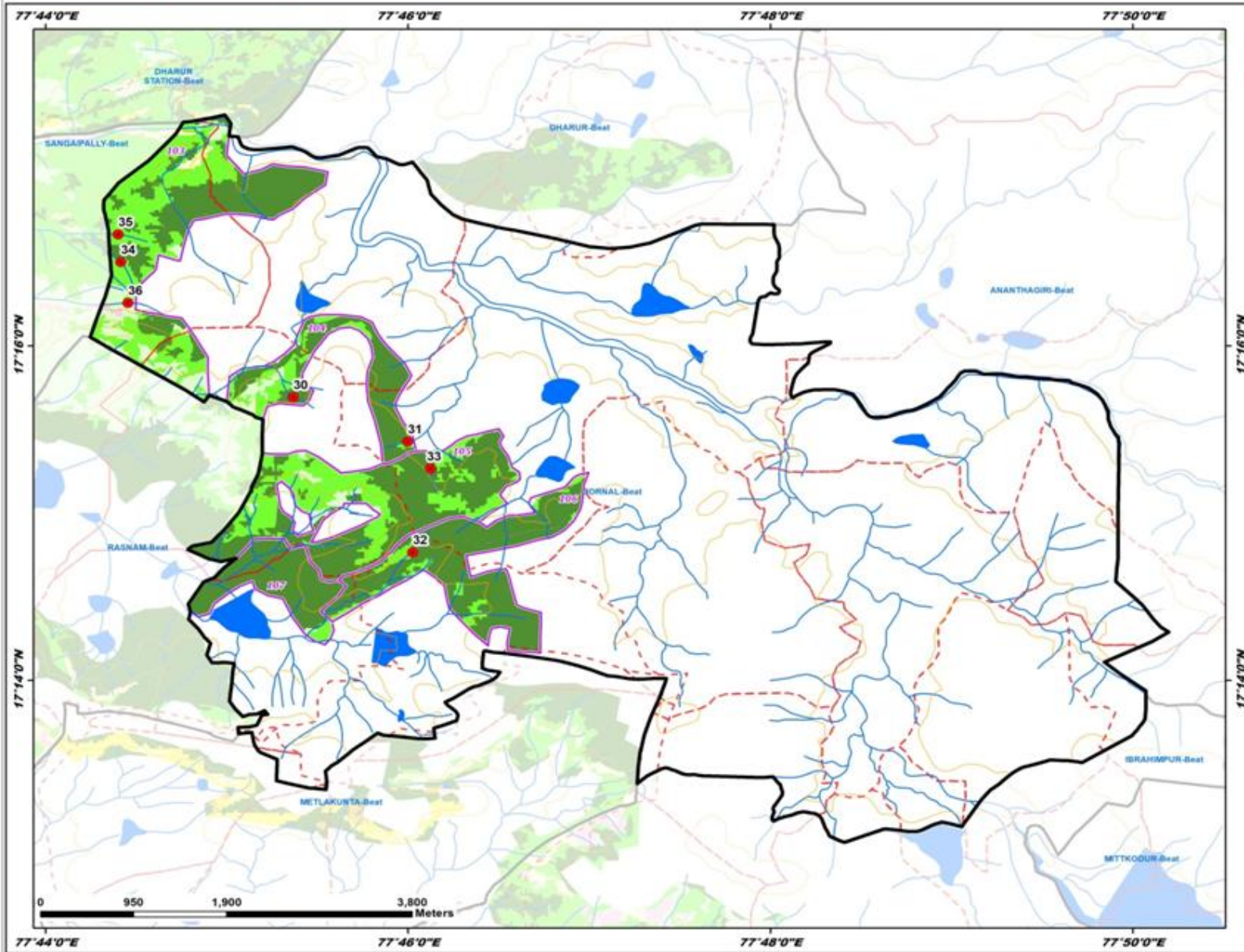
Suitability Index

- 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 Dornal Beat



Division : Vikarabad
Range : Dharur



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
30	17.263541	77.756122	17.13	I
31	17.257117	77.766642	14.98	I
32	17.246099	77.767106	13.86	I
33	17.254429	77.768755	25.05	II
34	17.275009	77.740269	20.44	II
35	17.277768	77.740017	20.83	II
36	17.270954	77.740917	27.36	V

LEGEND

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

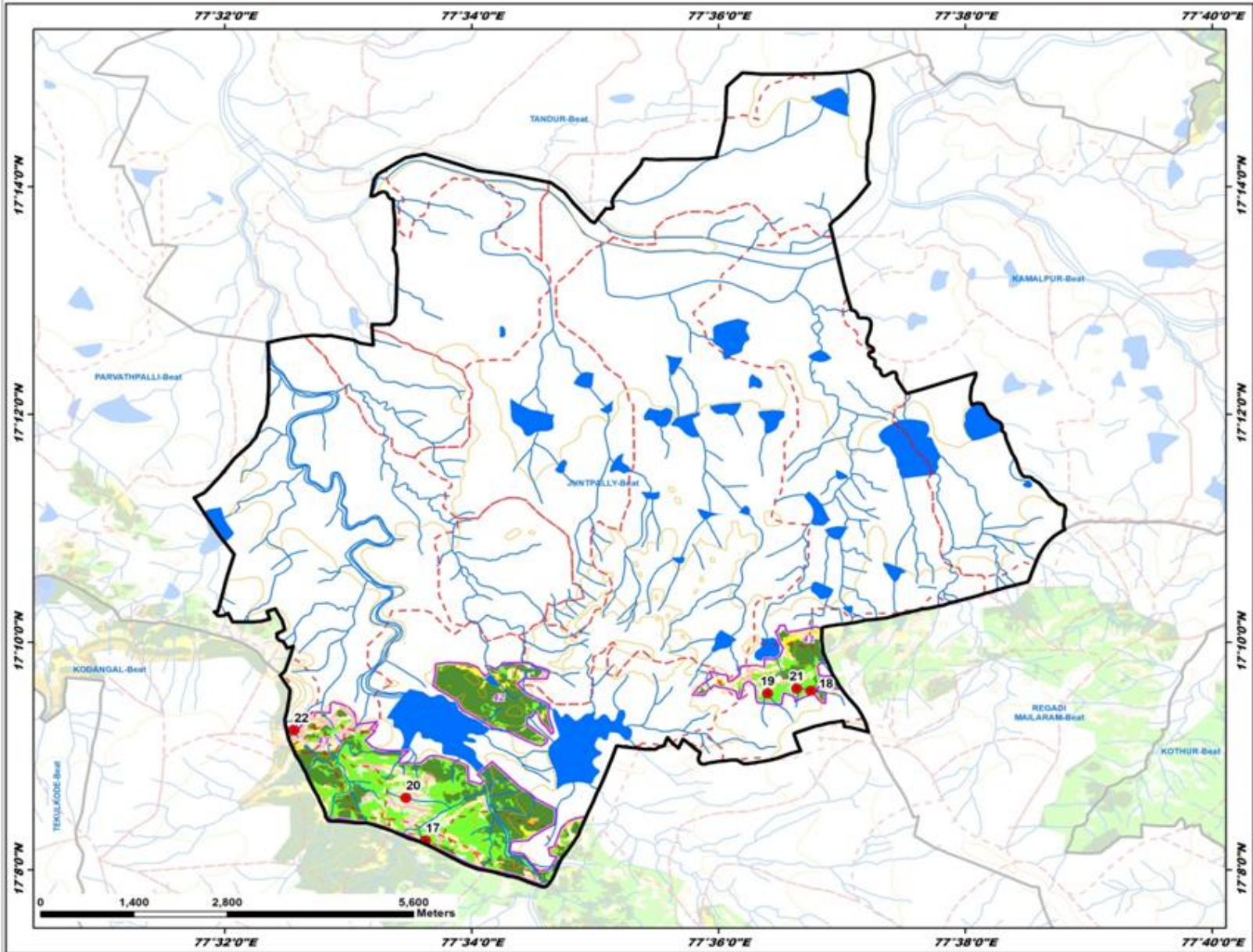
Suitability Index

- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- 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 Juntpally Beat



Division : Vikarabad
Range : Dharur



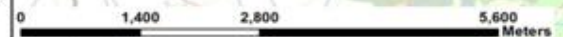
ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
17	17.137691	77.560455	13.67	II
18	17.159565	77.612485	25.11	III
19	17.159167	77.606651	27.53	III
20	17.143902	77.557797	15.93	IV
21	17.159907	77.610591	53.87	V
22	17.153796	77.542790	36.30	V

LEGEND

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

Suitability Index

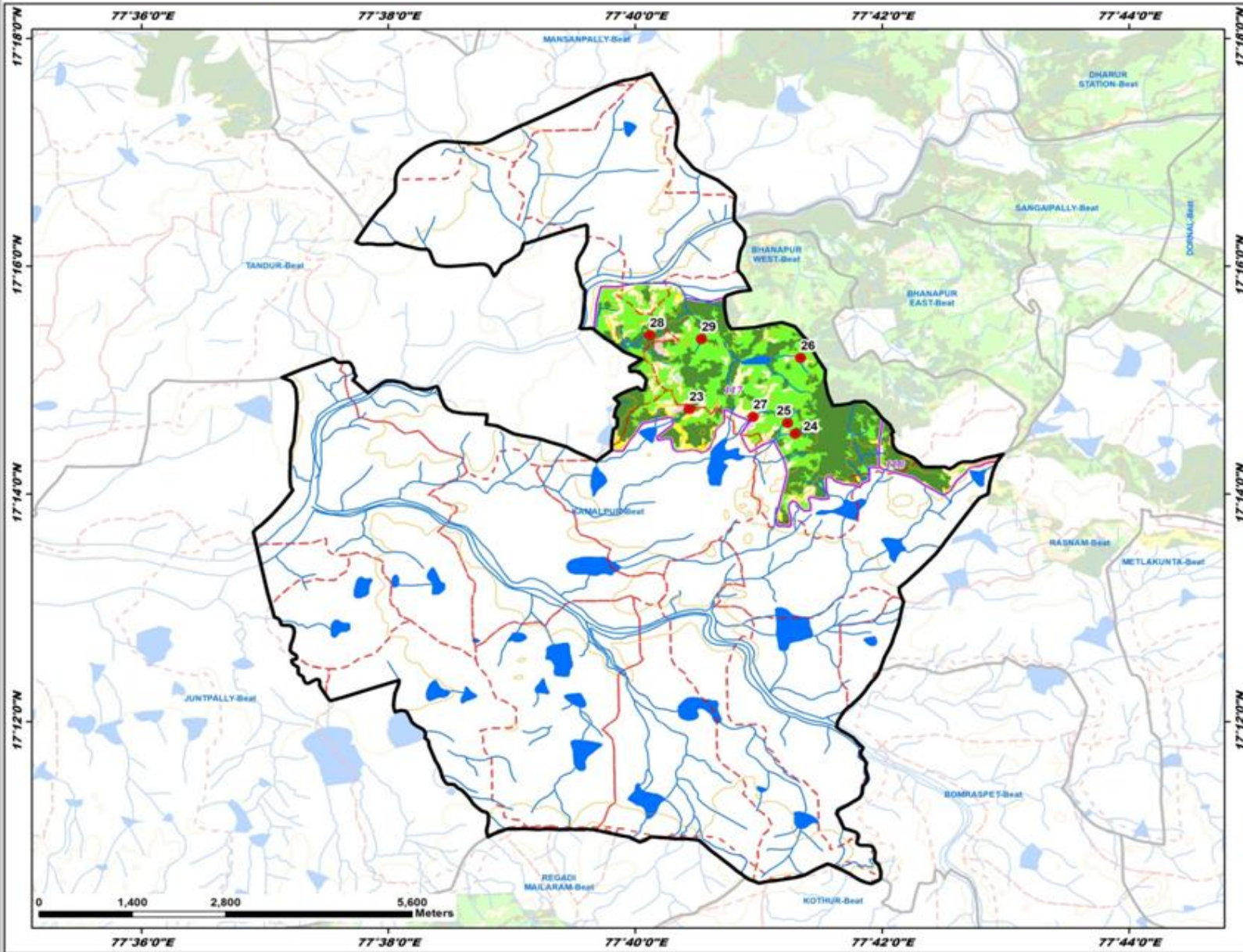
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body



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



Division : Vikarabad
Range : Dharur



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
23	17.245772	77.673969	22.57	I
24	17.242173	77.682290	18.37	II
25	17.243739	77.687250	16.26	II
26	17.253265	77.688997	23.15	II
27	17.244625	77.682602	10.32	II
28	17.256591	77.688662	11.85	II
29	17.256031	77.675610	12.55	II

LEGEND

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

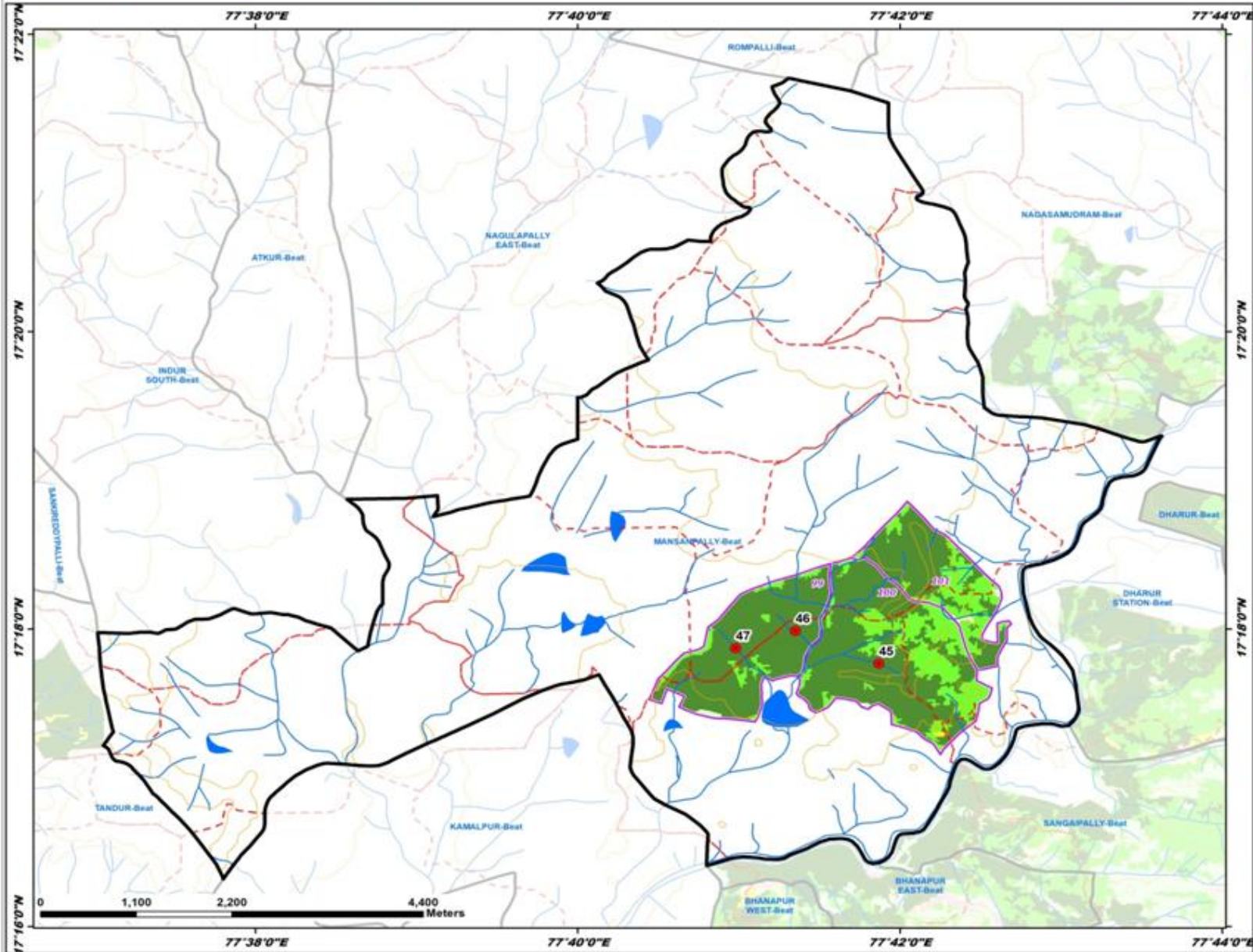
Suitability Index

- 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 Mansanpally Beat



Division : Vikarabad
Range : Dharur



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
45	17.296140	77.697940	25.96	I
46	17.299800	77.689213	12.45	I
47	17.297849	77.683035	24.43	I

LEGEND

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

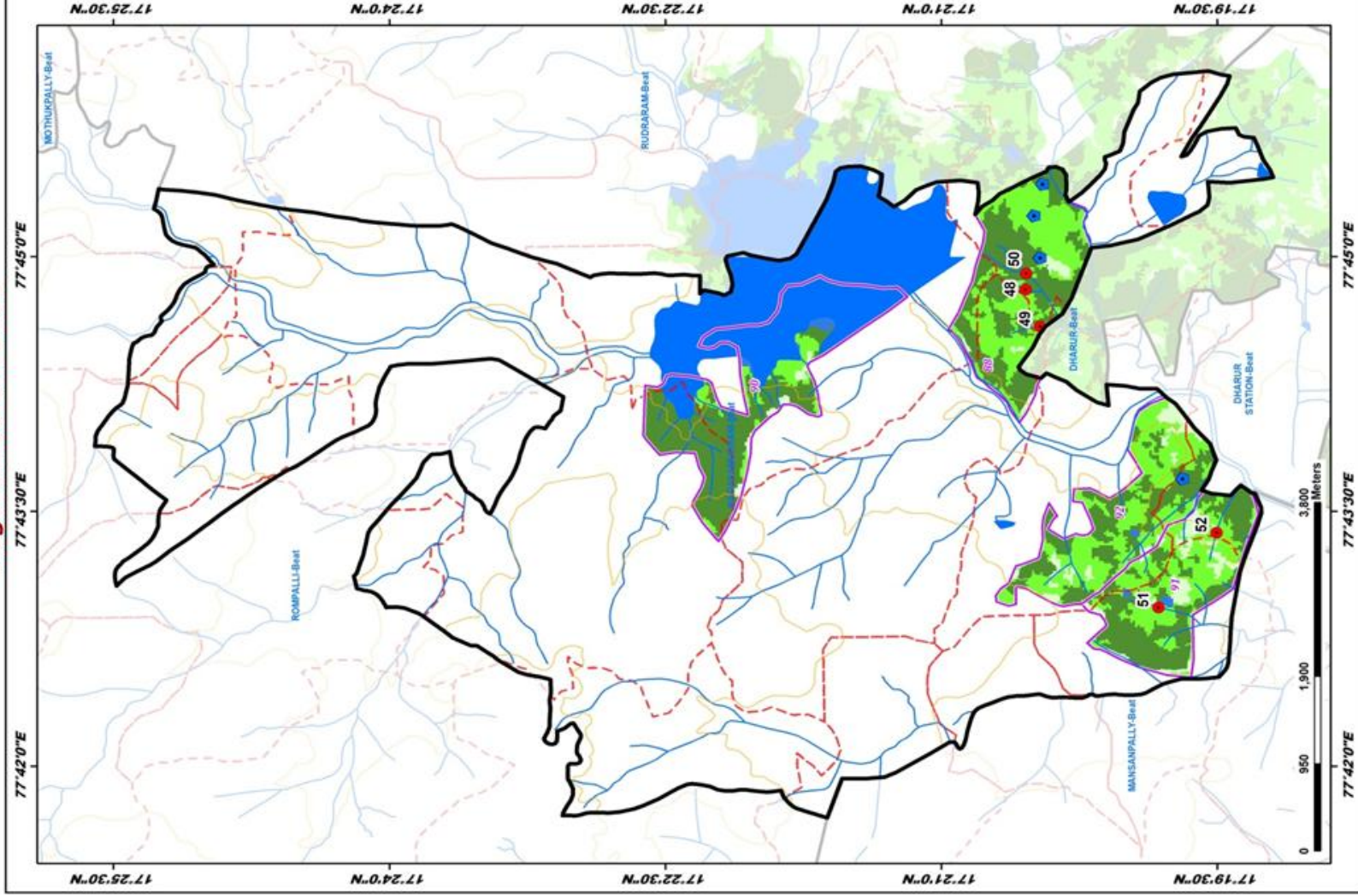
Suitability Index

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

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



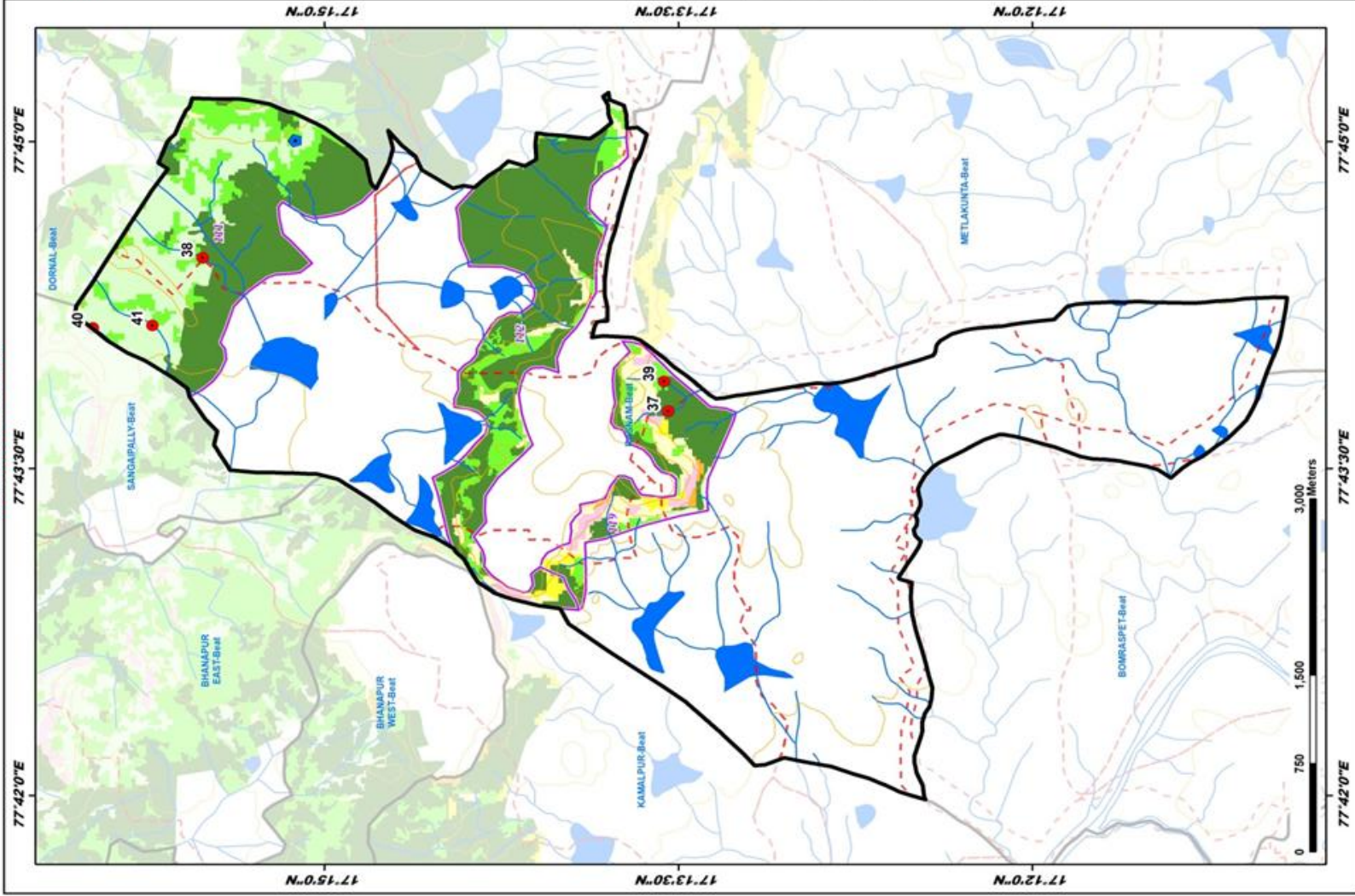
Division : Vikarabad
Range : Dharur



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



Division : Vikarabad
Range : Dharur



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
37	17.225723	77.729414	19.56	I
38	17.258620	77.741158	20.77	II
39	17.226021	77.731691	22.73	III
40	17.266557	77.735775	7.67	IV
41	17.262158	77.735977	44.24	V

LEGEND

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

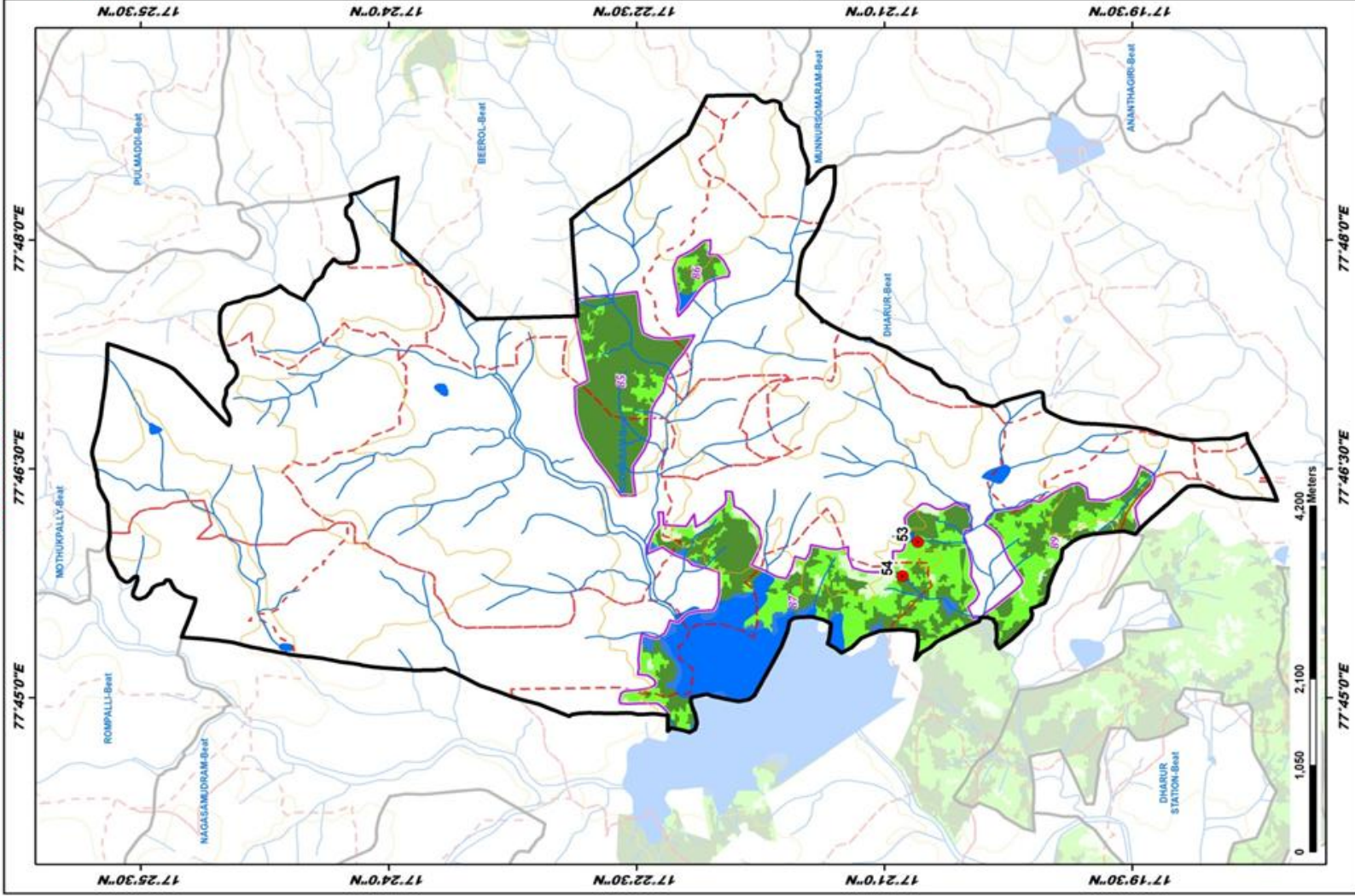
Suitability Index

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

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



Division : Vikarabad
Range : Dharur



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
53	17.34613	77.76708	12.75	II
54	17.34875	77.76326	49.25	III

LEGEND

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

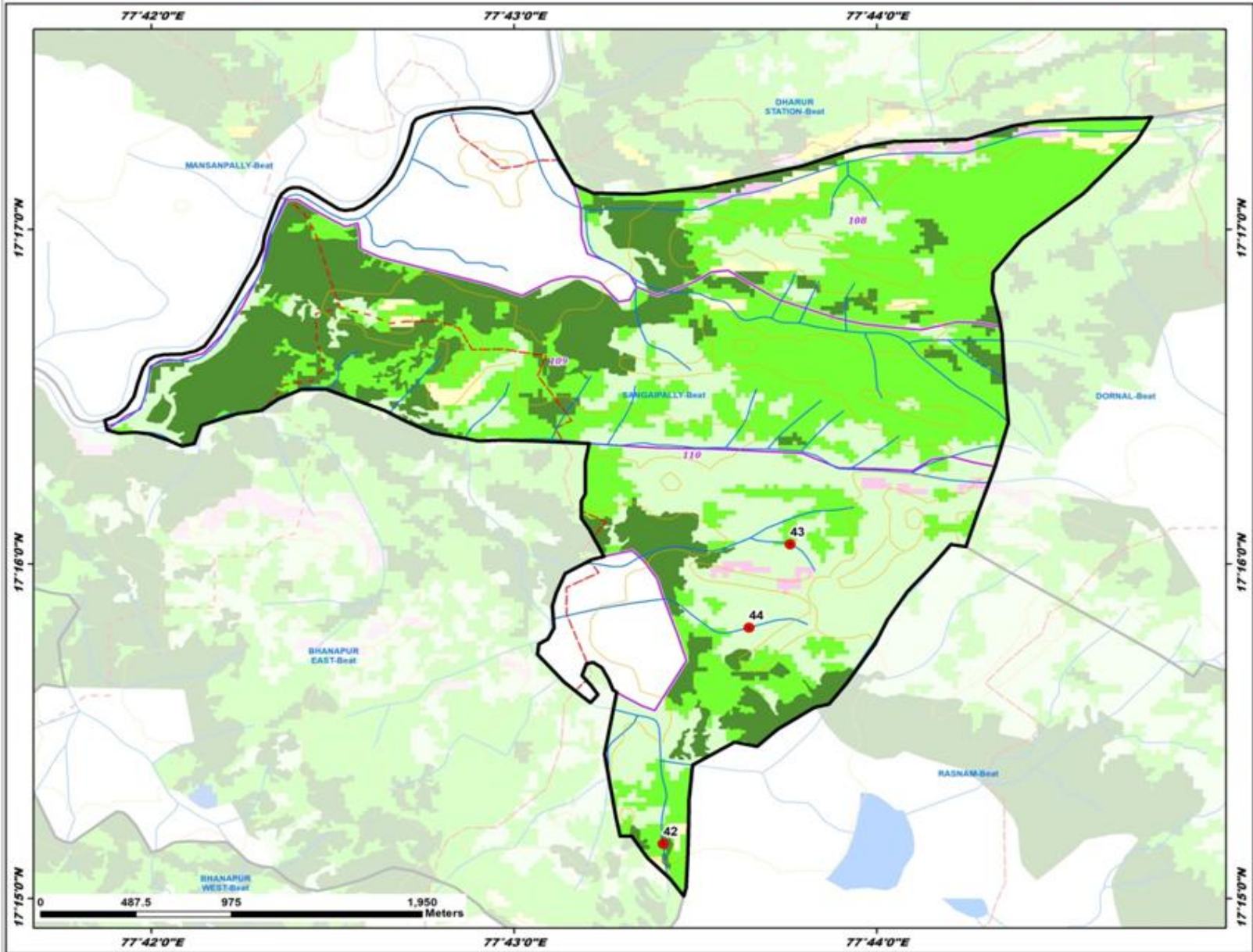
Suitability Index

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

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



Division : Vikarabad
Range : Dharur



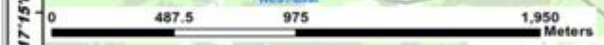
ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
42	17.252731	77.723528	11.73	I
43	17.267656	77.729364	23.35	II
44	17.263505	77.727476	8.43	IV

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

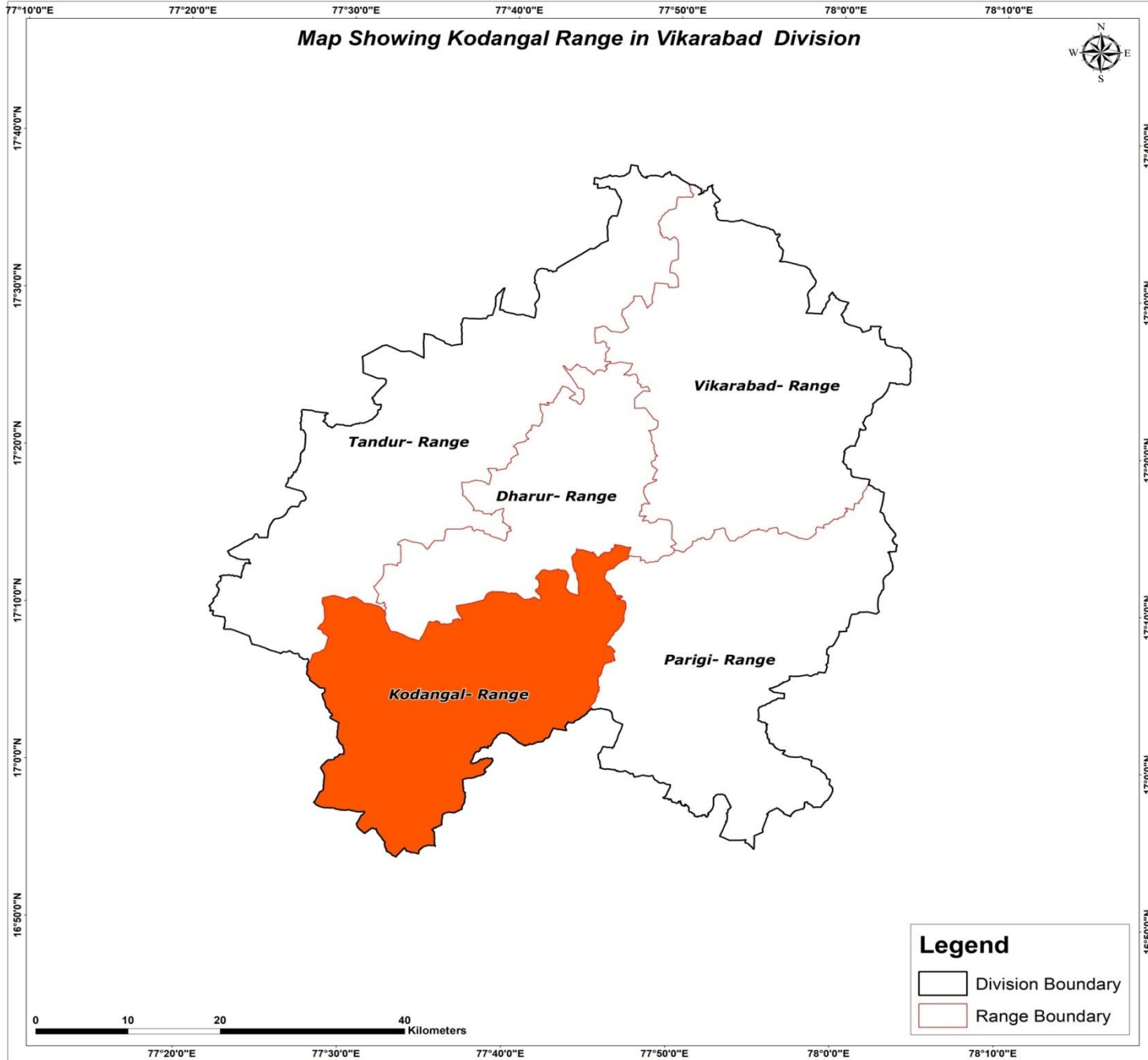


77°42'0"E 77°43'0"E 77°44'0"E

17°17'0"N
17°16'0"N
17°15'0"N

17°17'0"N
17°16'0"N
17°15'0"N

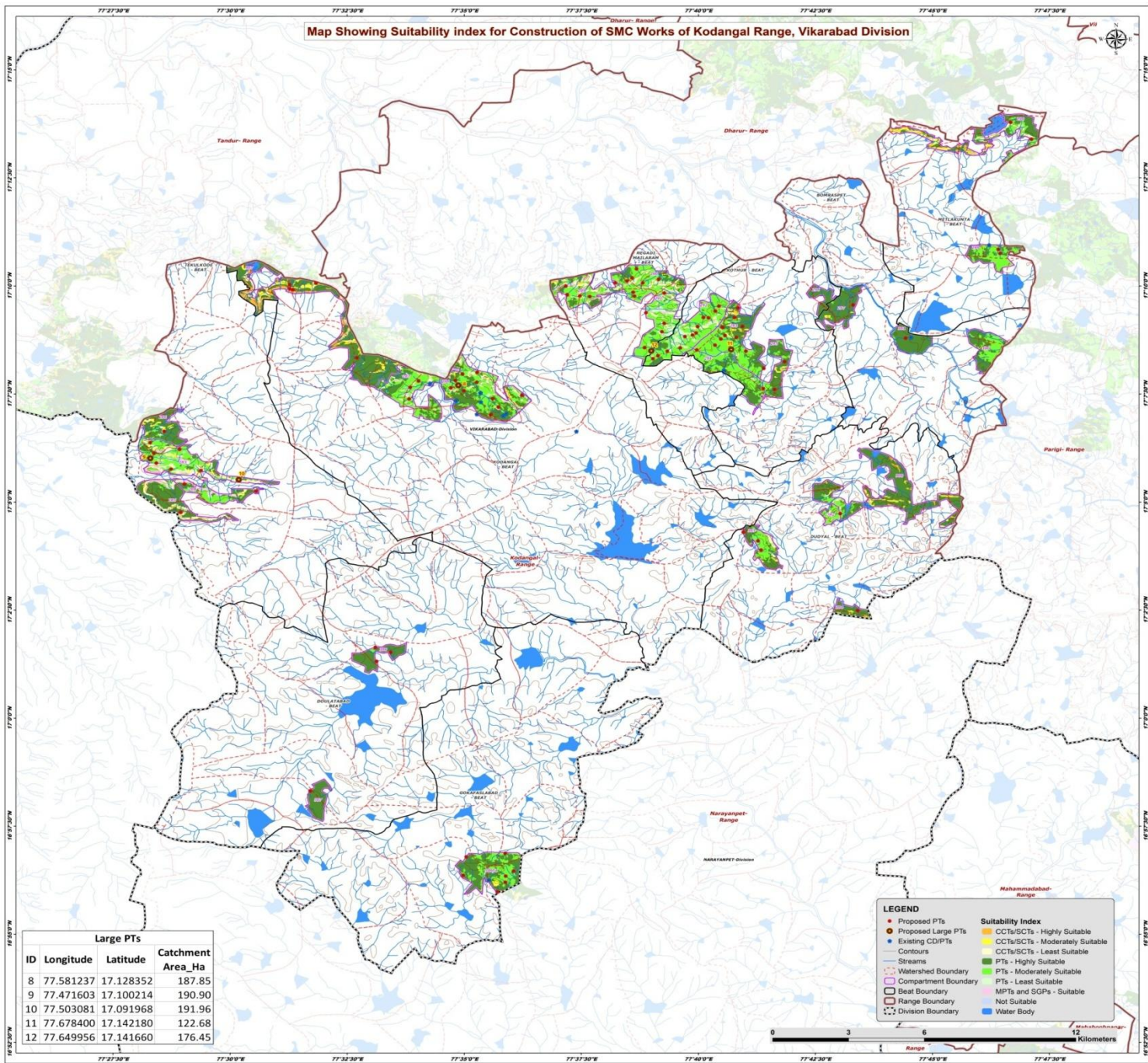
Map Showing Kodangal Range in Vikarabad Division



Legend

- Division Boundary
- Range Boundary

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



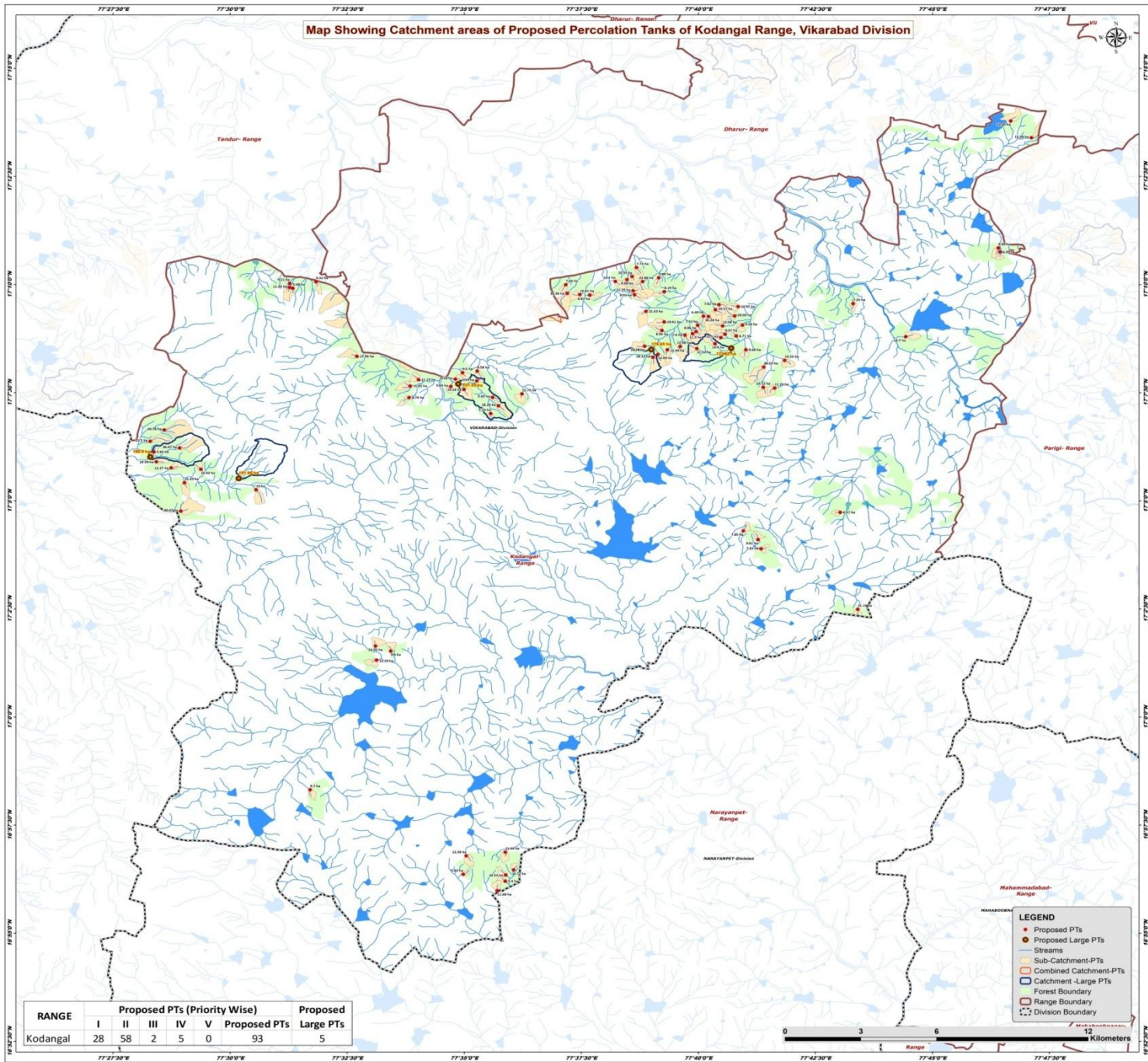
Large PTs			
ID	Longitude	Latitude	Catchment Area_Ha
8	77.581237	17.128352	187.85
9	77.471603	17.100214	190.90
10	77.503081	17.091968	191.96
11	77.678400	17.142180	122.68
12	77.649956	17.141660	176.45

LEGEND

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



Map Showing Catchment areas of Proposed Percolation Tanks of Kodangal Range, Vikarabad Division



RANGE	Proposed PTs (Priority Wise)					Proposed Large PTs
	I	II	III	IV	V	
Kodangal	28	58	2	5	0	93
						5

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

0 3 6 9 12 Kilometers

Beat wise Abstract of Proposed PT's – Kodangal Range

S. No.	Beat	Proposed PT's
1	BOMRASPET	2
2	DOULATABAD	4
3	DUDYAL	5
4	GOKAFASLABAD	7
5	KODANGAL	18
6	KOTHUR	26
7	METLAKUNTA	4
8	REGADI MAILARAM	17
9	TEKULKODE	10
	Total	93

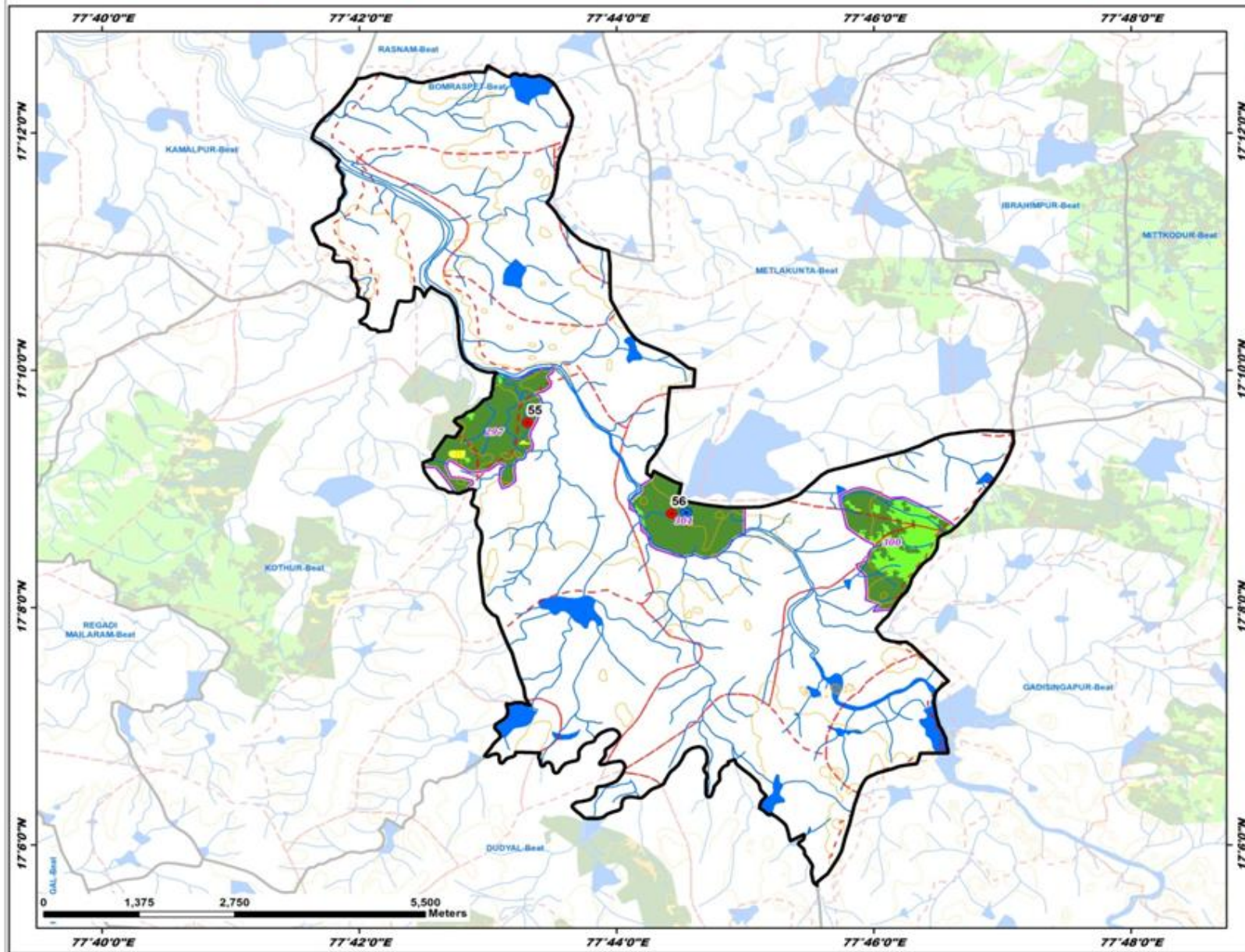
List of Proposed PTs – Kodangal Range

ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat	ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat	ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat
55	17.159348	77.721805	7.35	I	BOMRASPET	95	17.090285	77.483765	15.43	I	TEKULKODE	135	17.169784	77.643096	10.35	II	REGADI MAILARAM
56	17.146552	77.740487	14.70	I	BOMRASPET	96	17.102140	77.472878	5.65	I	TEKULKODE	136	17.164278	77.643501	11.55	II	REGADI MAILARAM
57	17.041484	77.723436	11.19	I	DUDYAL	97	17.087562	77.509237	19.00	I	TEKULKODE	137	17.169289	77.652555	7.88	II	REGADI MAILARAM
58	17.071717	77.682725	7.85	I	DUDYAL	98	17.079310	77.482456	40.37	II	TEKULKODE	138	17.166620	77.619511	7.62	II	REGADI MAILARAM
59	17.068373	77.687970	9.61	II	DUDYAL	99	17.106255	77.471558	21.20	II	TEKULKODE	139	17.156336	77.648044	21.63	II	REGADI MAILARAM
60	17.064826	77.689036	7.33	II	DUDYAL	100	17.110600	77.476539	49.78	II	TEKULKODE	140	17.168549	77.641277	9.08	II	REGADI MAILARAM
61	17.078850	77.717213	6.57	II	DUDYAL	101	17.096026	77.479040	12.27	II	TEKULKODE	141	17.162719	77.643941	9.03	II	REGADI MAILARAM
62	17.180772	77.773454	9.45	II	METLAKUNTA	102	17.098357	77.473717	10.59	II	TEKULKODE	142	17.167822	77.646864	22.88	II	REGADI MAILARAM
63	17.179212	77.774089	6.09	II	METLAKUNTA	103	17.103689	77.482028	36.67	III	TEKULKODE	143	17.162597	77.628023	9.81	II	REGADI MAILARAM
64	17.229759	77.777880	23.05	II	METLAKUNTA	104	17.095462	77.489618	10.02	IV	TEKULKODE	144	17.142922	77.647574	16.08	II	REGADI MAILARAM
65	17.223260	77.785286	12.68	II	METLAKUNTA	105	17.137466	77.697390	13.55	I	KOTHUR	145	17.163307	77.620008	34.95	III	REGADI MAILARAM
66	17.027305	77.551745	14.91	I	DOULATABAD	106	17.147556	77.676184	8.57	I	KOTHUR	146	17.152263	77.654517	13.61	IV	REGADI MAILARAM
67	17.025393	77.557203	9.60	I	DOULATABAD	107	17.151059	77.682385	9.56	I	KOTHUR	147	17.148980	77.653740	8.95	IV	REGADI MAILARAM
68	17.021912	77.552144	12.33	I	DOULATABAD	108	17.154547	77.679619	20.03	I	KOTHUR						
69	16.971914	77.528474	9.70	I	DOULATABAD	109	17.126752	77.693821	11.26	I	KOTHUR						
70	16.933021	77.595098	11.68	I	GOKAFASLABAD	110	17.150719	77.675352	12.08	I	KOTHUR						
71	16.939352	77.582955	5.82	II	GOKAFASLABAD	111	17.158173	77.680842	10.97	I	KOTHUR						
72	16.947883	77.597962	11.44	II	GOKAFASLABAD	112	17.141531	77.683635	9.68	II	KOTHUR						
73	16.941014	77.600916	6.72	II	GOKAFASLABAD	113	17.150979	77.666437	7.41	II	KOTHUR						
74	16.939058	77.598125	10.53	II	GOKAFASLABAD	114	17.154505	77.668494	6.49	II	KOTHUR						
75	16.936680	77.597972	5.40	II	GOKAFASLABAD	115	17.143871	77.672620	14.40	II	KOTHUR						
76	16.946479	77.584068	13.59	II	GOKAFASLABAD	116	17.146808	77.680193	6.71	II	KOTHUR						
77	17.167762	77.530577	9.32	I	KODANGAL	117	17.142779	77.660253	17.98	II	KOTHUR						
78	17.138984	77.545143	17.96	I	KODANGAL	118	17.138653	77.650527	18.12	II	KOTHUR						
79	17.116920	77.592764	5.23	I	KODANGAL	119	17.134883	77.689974	38.63	II	KOTHUR						
80	17.119960	77.595533	18.28	I	KODANGAL	120	17.127082	77.689799	14.72	II	KOTHUR						
81	17.124537	77.603907	12.75	I	KODANGAL	121	17.142007	77.666141	11.52	II	KOTHUR						
82	17.167134	77.521190	5.21	I	KODANGAL	122	17.154353	77.670290	30.28	II	KOTHUR						
83	17.165256	77.522358	5.08	I	KODANGAL	123	17.148540	77.665880	8.06	II	KOTHUR						
84	17.165537	77.521226	11.34	I	KODANGAL	124	17.158905	77.674039	7.62	II	KOTHUR						
85	17.126276	77.583283	19.18	I	KODANGAL	125	17.146203	77.674710	15.50	II	KOTHUR						
86	17.130218	77.580187	6.26	II	KODANGAL	126	17.141542	77.655671	12.49	II	KOTHUR						
87	17.123105	77.563746	8.74	II	KODANGAL	127	17.157002	77.672758	10.57	II	KOTHUR						
88	17.133315	77.587958	8.58	II	KODANGAL	128	17.139767	77.652314	14.09	II	KOTHUR						
89	17.123230	77.593435	5.43	II	KODANGAL	129	17.147743	77.664633	11.90	IV	KOTHUR						
90	17.127576	77.564131	15.02	II	KODANGAL	130	17.147167	77.661928	7.40	IV	KOTHUR						
91	17.132689	77.582740	9.50	II	KODANGAL	131	17.162797	77.624507	12.61	II	REGADI MAILARAM						
92	17.130007	77.567078	11.23	II	KODANGAL	132	17.163909	77.654589	8.19	II	REGADI MAILARAM						
93	17.129544	77.587819	5.59	II	KODANGAL	133	17.173239	77.644682	7.72	II	REGADI MAILARAM						
94	17.127424	77.578570	5.64	II	KODANGAL	134	17.167868	77.637119	11.40	II	REGADI MAILARAM						

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



Division : Vikarabad
Range : Kodangal



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
55	17.359348	77.721805	7.35	I
56	17.346552	77.740487	14.70	I

LEGEND

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

Suitability Index

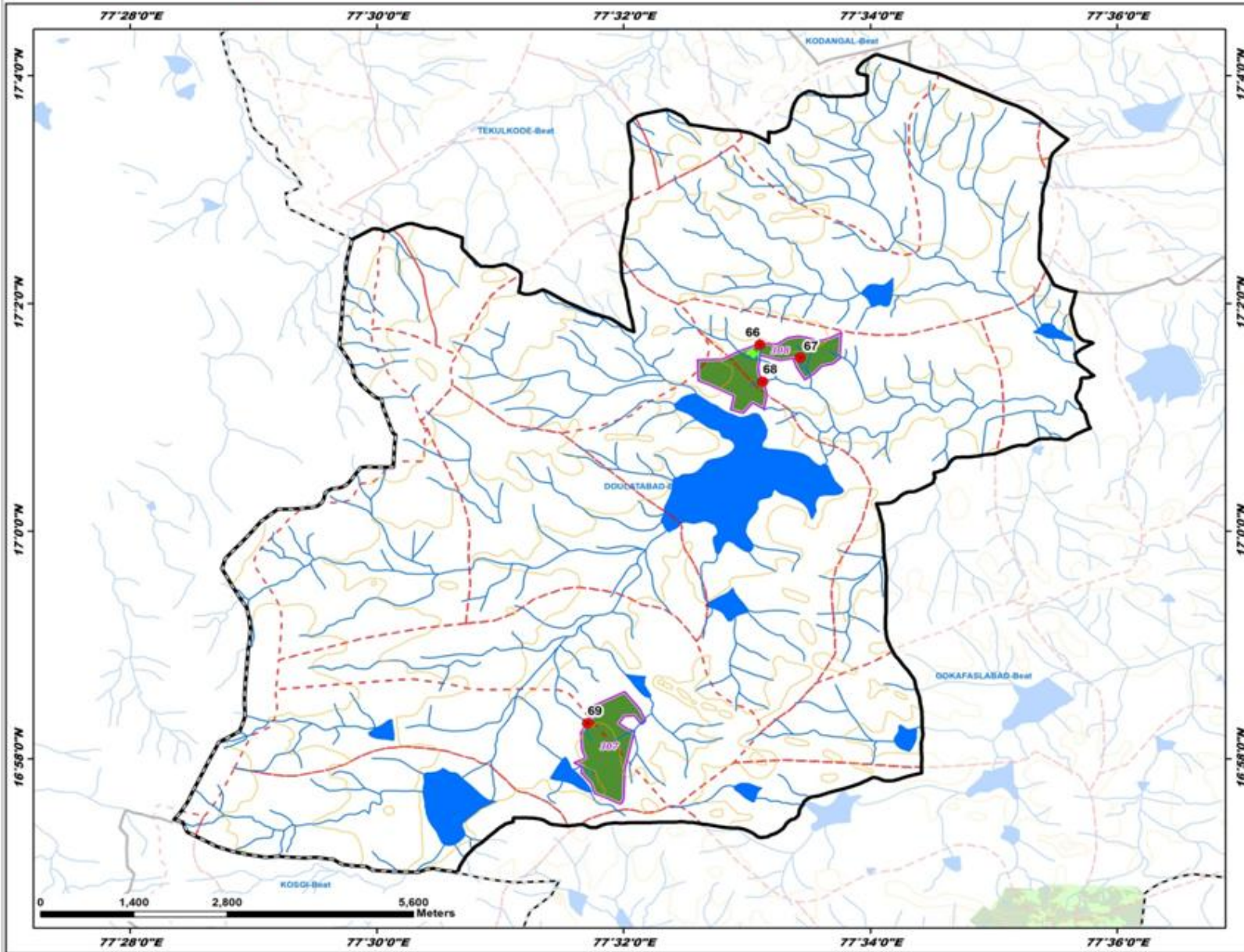
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body



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



Division : Vikarabad
Range : Kodungal



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
66	17.027305	77.551745	14.92	I
67	17.025893	77.557203	9.60	I
68	17.023512	77.552144	12.33	I
69	16.971914	77.528474	9.70	I

LEGEND

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

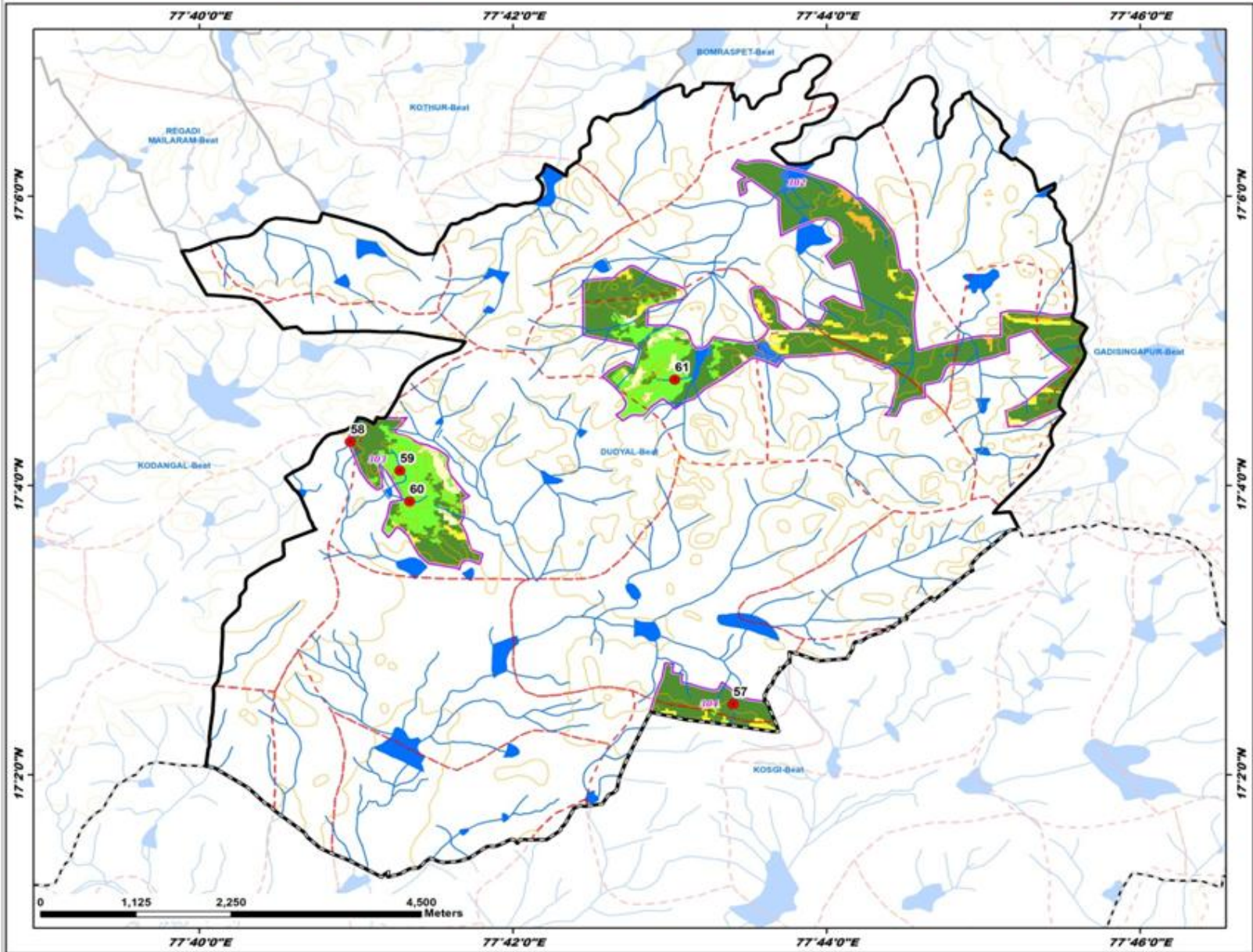
Suitability Index

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

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



Division : Vikarabad
Range : Kodangal



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
57	17.041484	77.723436	11.19	I
58	17.073717	77.682725	7.85	I
59	17.068373	77.687970	9.61	II
60	17.064826	77.689036	7.33	II
61	17.078850	77.717213	6.57	II

LEGEND

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

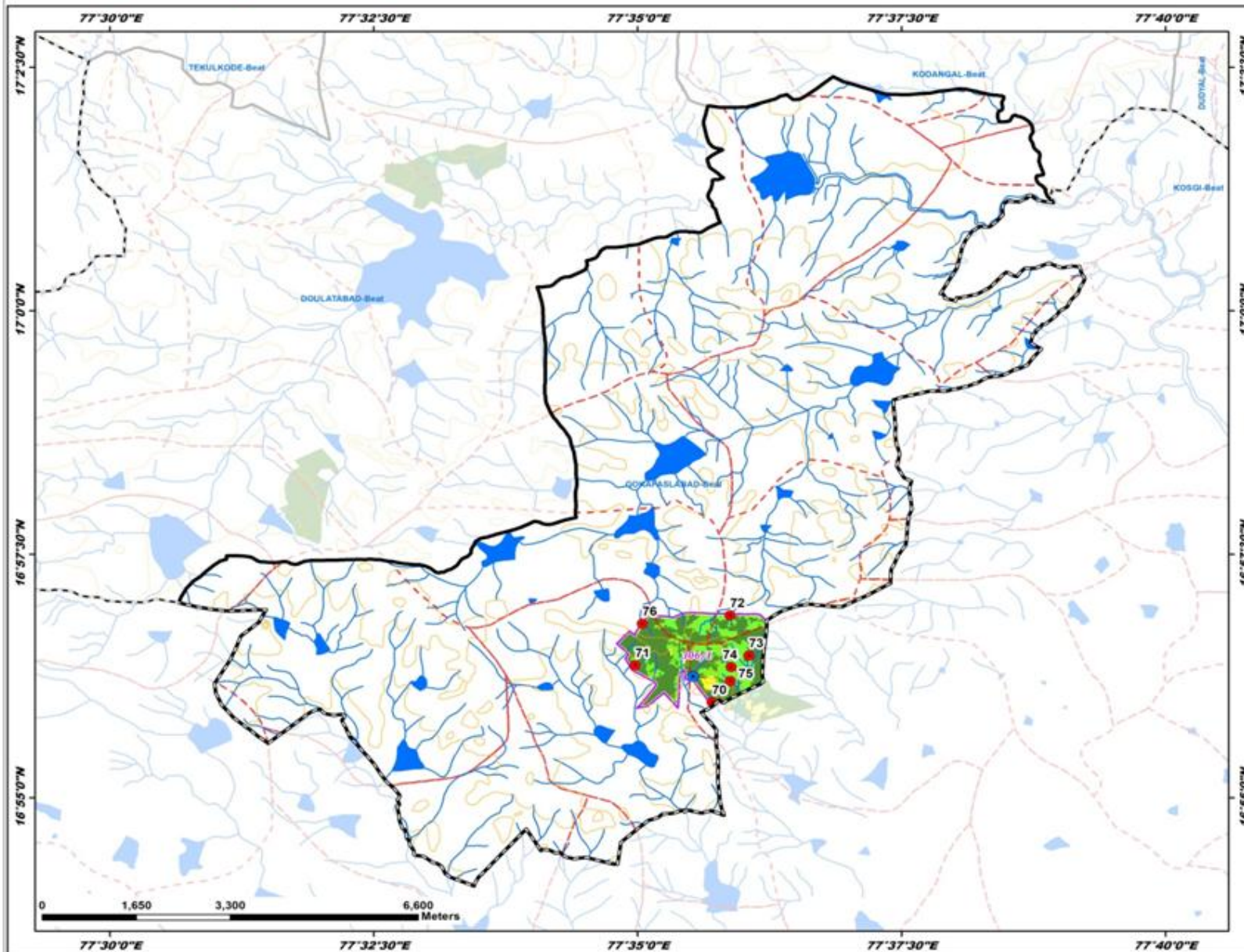
Suitability Index

- 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 Gokafaslabad Beat



Division : Vikarabad
Range : Kodangal



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
70	16.933021	77.595098	11.68	I
71	16.939352	77.582955	5.82	II
72	16.947883	77.597962	11.44	II
73	16.942014	77.600916	6.72	II
74	16.939058	77.598125	10.53	II
75	16.936680	77.597972	5.40	II
76	16.946479	77.584068	13.59	II

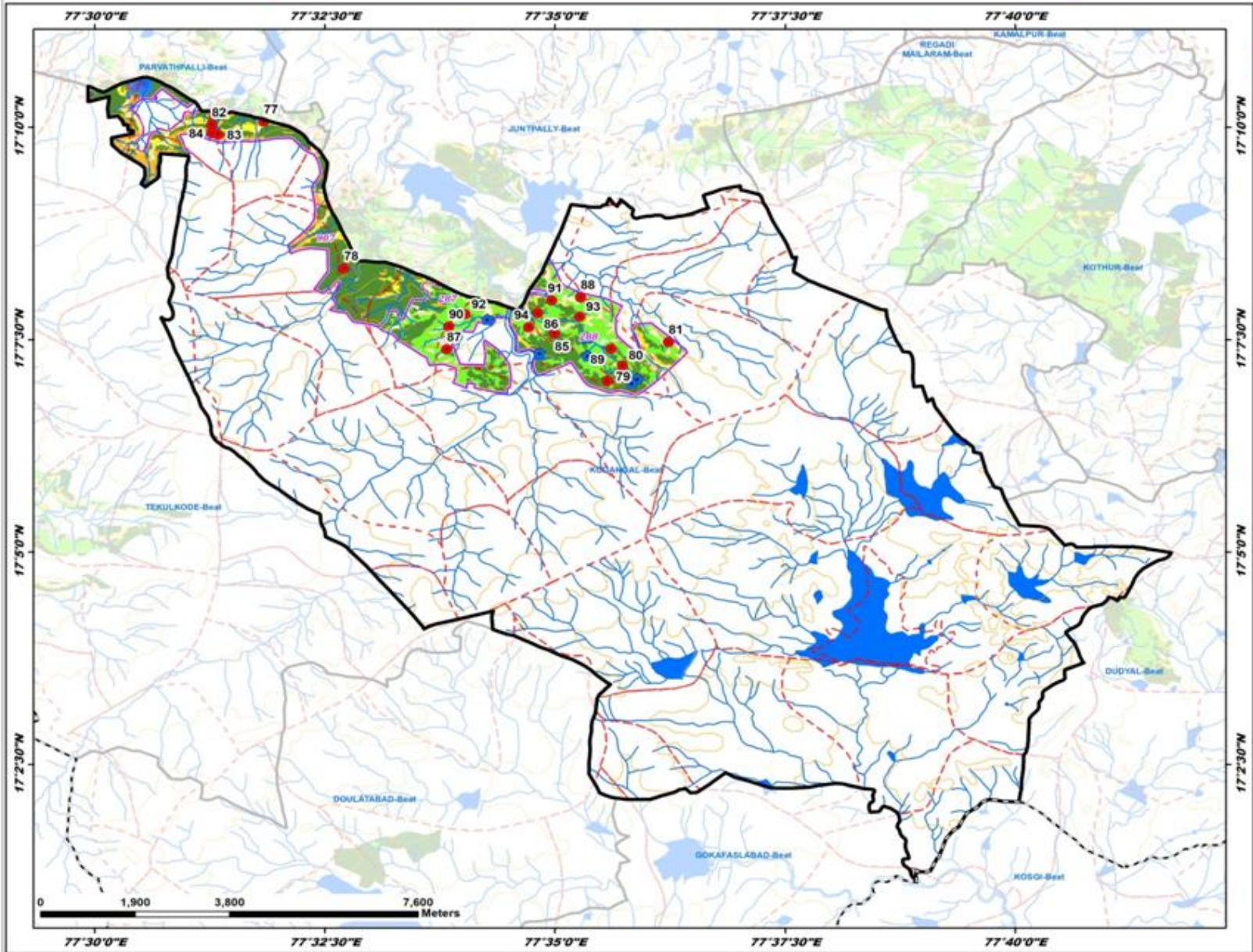
LEGEND

- 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 Kodangal Beat



Division : Vikarabad
Range : Kodangal



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
77	17.167762	77.530577	9.32	I
78	17.138084	77.545343	17.96	I
79	17.116920	77.592764	5.23	I
80	17.119960	77.595533	18.28	I
81	17.124537	77.603907	12.75	I
82	17.167134	77.521190	5.21	I
83	17.165256	77.522358	5.08	I
84	17.165537	77.521226	11.34	I
85	17.126276	77.583283	19.18	I
86	17.130218	77.580187	6.26	II
87	17.123105	77.563746	8.74	II
88	17.133315	77.587958	8.58	II
89	17.123230	77.593435	5.43	II
90	17.127576	77.564131	15.02	II
91	17.132689	77.582740	9.50	II
92	17.130007	77.567078	11.23	II
93	17.129544	77.587819	5.59	II
94	17.127424	77.578570	5.64	II

LEGEND

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

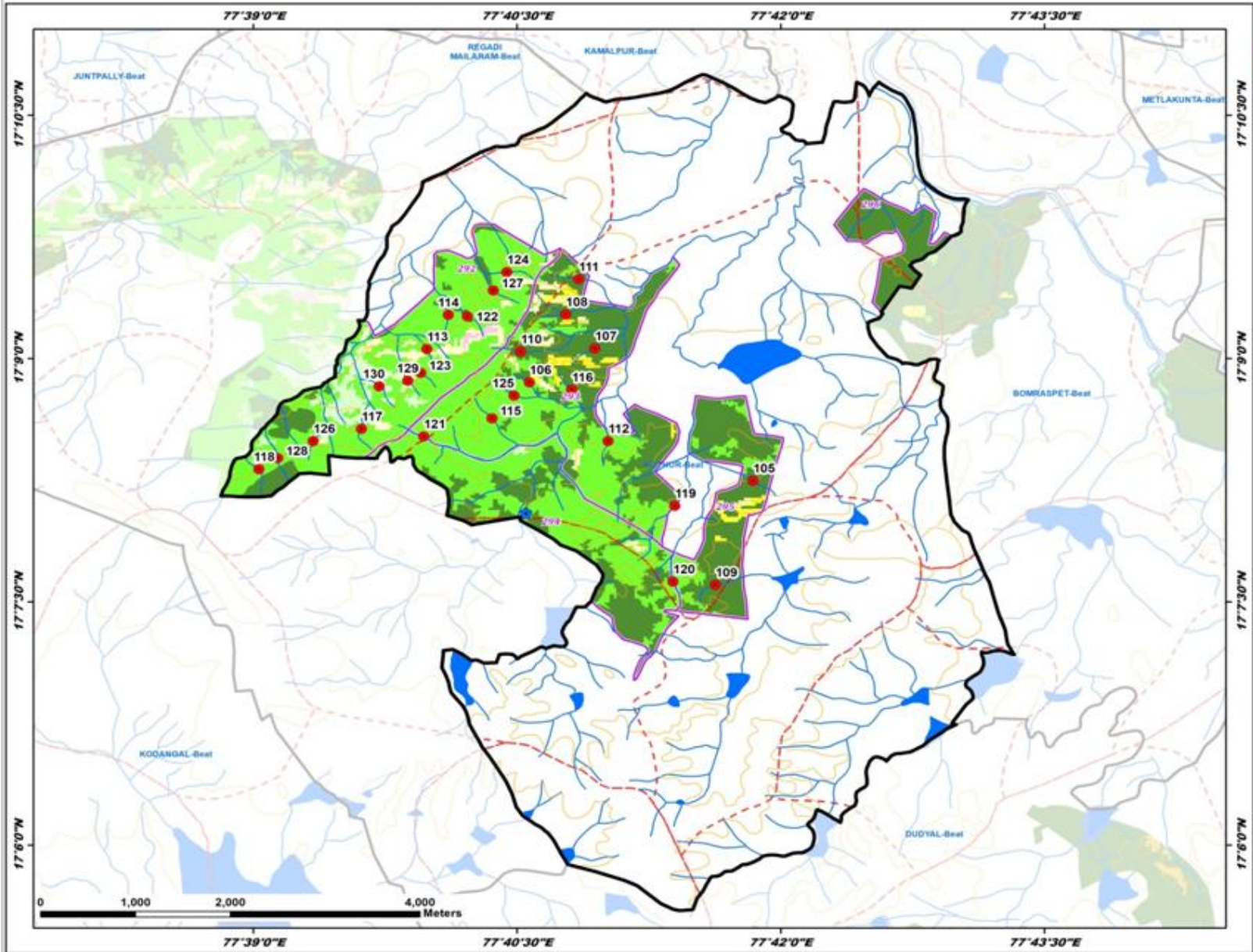
Suitability Index

- 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 Kothur Beat



Division : Vikarabad
Range : Kodungal



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
105	17.137466	77.697390	13.55	I
106	17.147556	77.676184	8.57	I
107	17.152059	77.682385	9.56	I
108	17.134547	77.679619	20.09	I
109	17.126752	77.693821	11.26	I
110	17.150719	77.675352	12.08	I
111	17.158173	77.680842	10.97	I
112	17.142531	77.683635	9.68	II
113	17.150979	77.666437	7.41	II
114	17.154505	77.688494	6.49	II
115	17.143871	77.672620	14.40	II
116	17.146808	77.680193	6.71	II
117	17.142779	77.660253	17.98	II
118	17.138653	77.650527	18.12	II
119	17.134883	77.689974	38.63	II
120	17.127082	77.689799	14.72	II
121	17.142007	77.666141	11.52	II
122	17.154353	77.670290	30.28	II
123	17.148540	77.665880	8.06	II
124	17.158905	77.674039	7.62	II
125	17.146203	77.674710	15.50	II
126	17.143542	77.655671	12.49	II
127	17.157002	77.672758	10.57	II
128	17.139767	77.652314	14.09	II
129	17.147743	77.664633	11.90	IV
130	17.147167	77.661928	7.40	IV

LEGEND

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

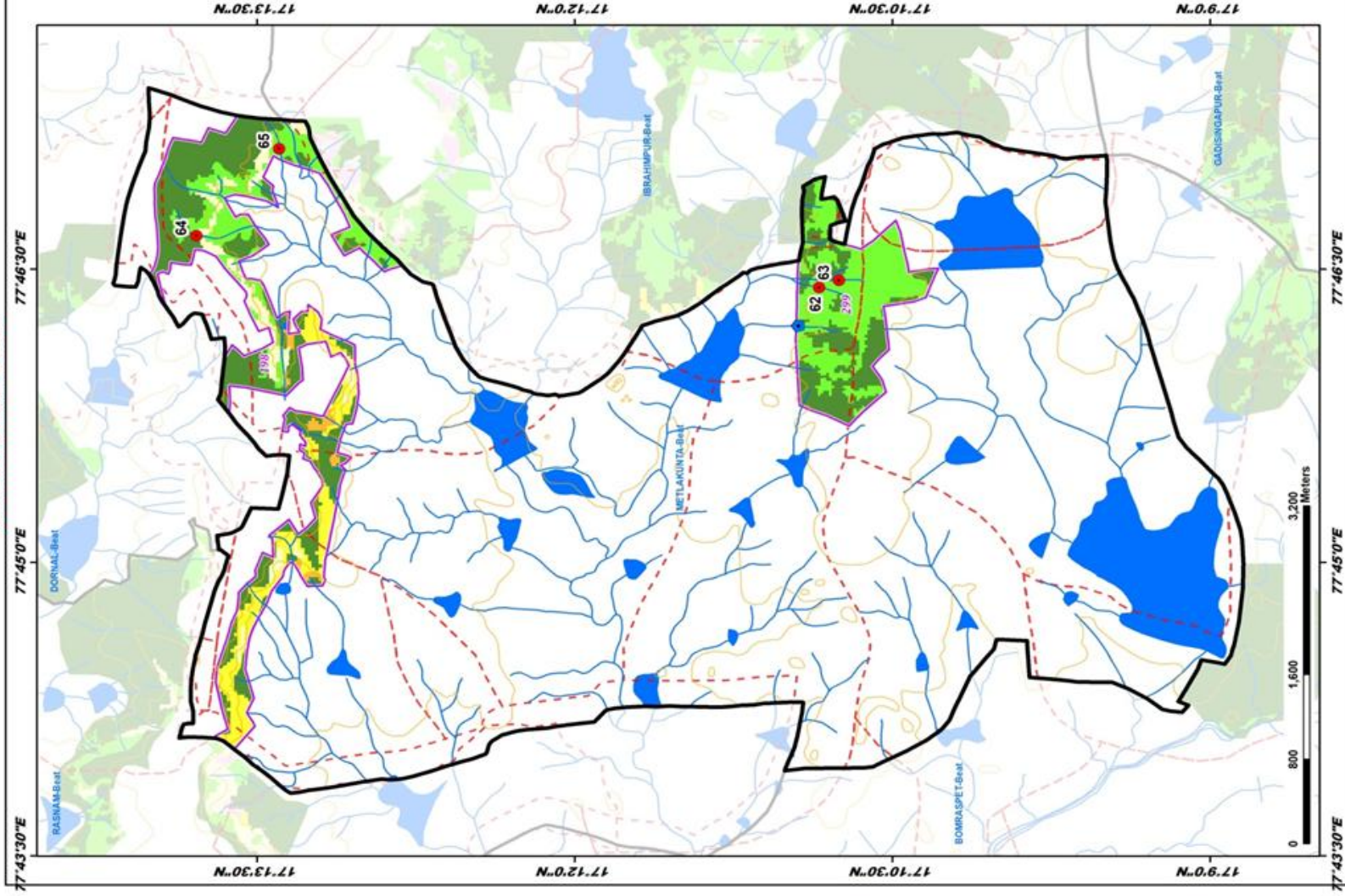
Suitability Index

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

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



Division : Vikarabad
Range : Kodangal



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
62	17.18072	77.779454	9.45	II
63	17.179212	77.774069	6.09	II
64	17.229759	77.777880	23.05	II
65	17.222650	77.765286	12.08	II

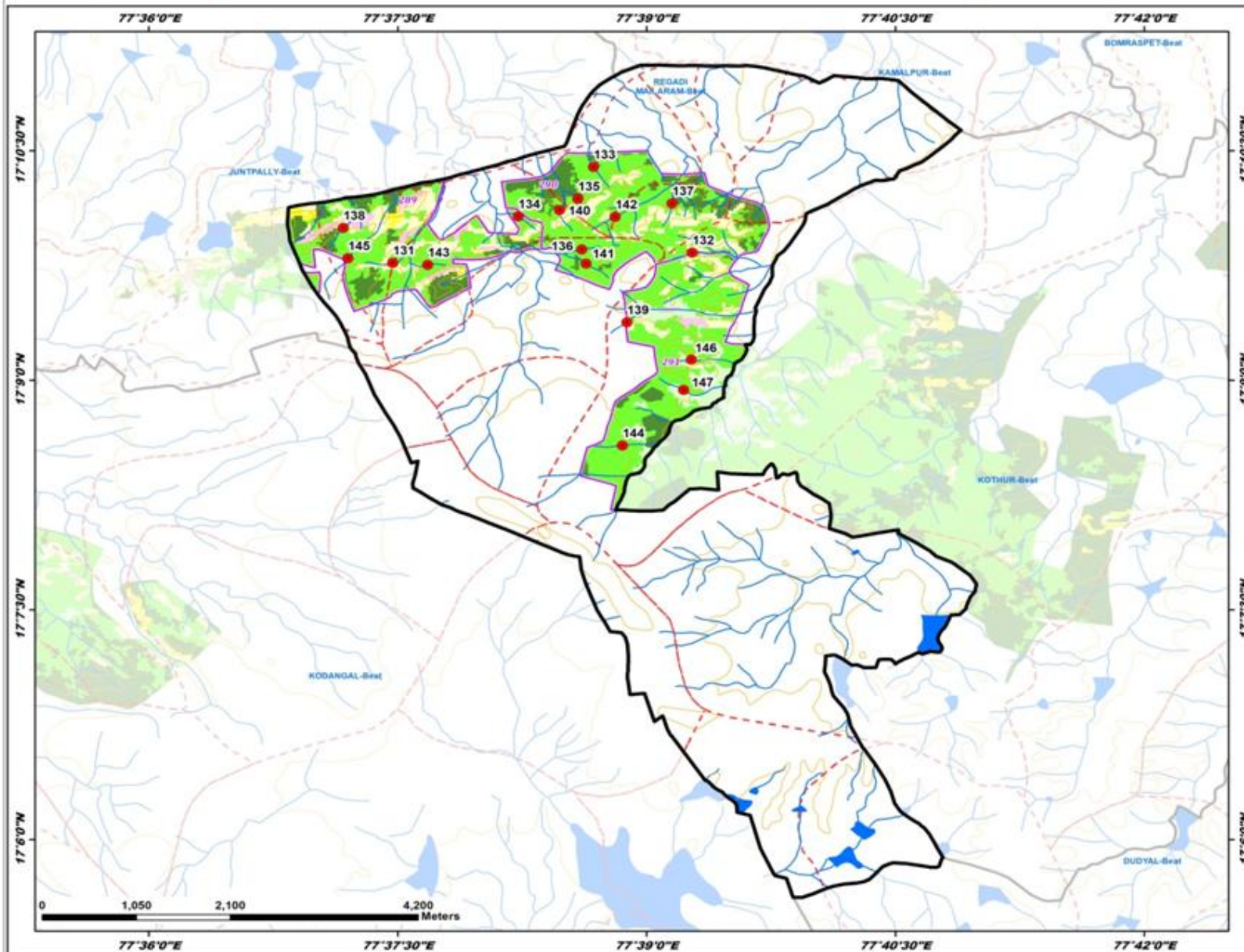
LEGEND

- 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 SGP's - Suitable
 - Not Suitable
 - Water Body

Map Showing Suitability Index for Construction of SMC Works of Regadi Mailaram Beat



Division : Vikarabad
Range : Kodangal



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
131	17.162797	77.624507	12.61	II
132	17.163909	77.654589	8.19	II
133	17.173239	77.646682	7.72	II
134	17.167868	77.637119	11.40	II
135	17.169784	77.643096	10.35	II
136	17.164276	77.649501	11.55	II
137	17.169289	77.652555	7.88	II
138	17.166620	77.639511	7.62	II
139	17.156316	77.648044	21.63	II
140	17.168549	77.641277	9.08	II
141	17.162719	77.643941	9.03	II
142	17.167822	77.646884	22.88	II
143	17.162597	77.628023	9.81	II
144	17.142922	77.647574	16.08	II
145	17.163307	77.620008	34.95	III
146	17.152263	77.654517	13.61	IV
147	17.148980	77.653740	8.95	IV

LEGEND

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

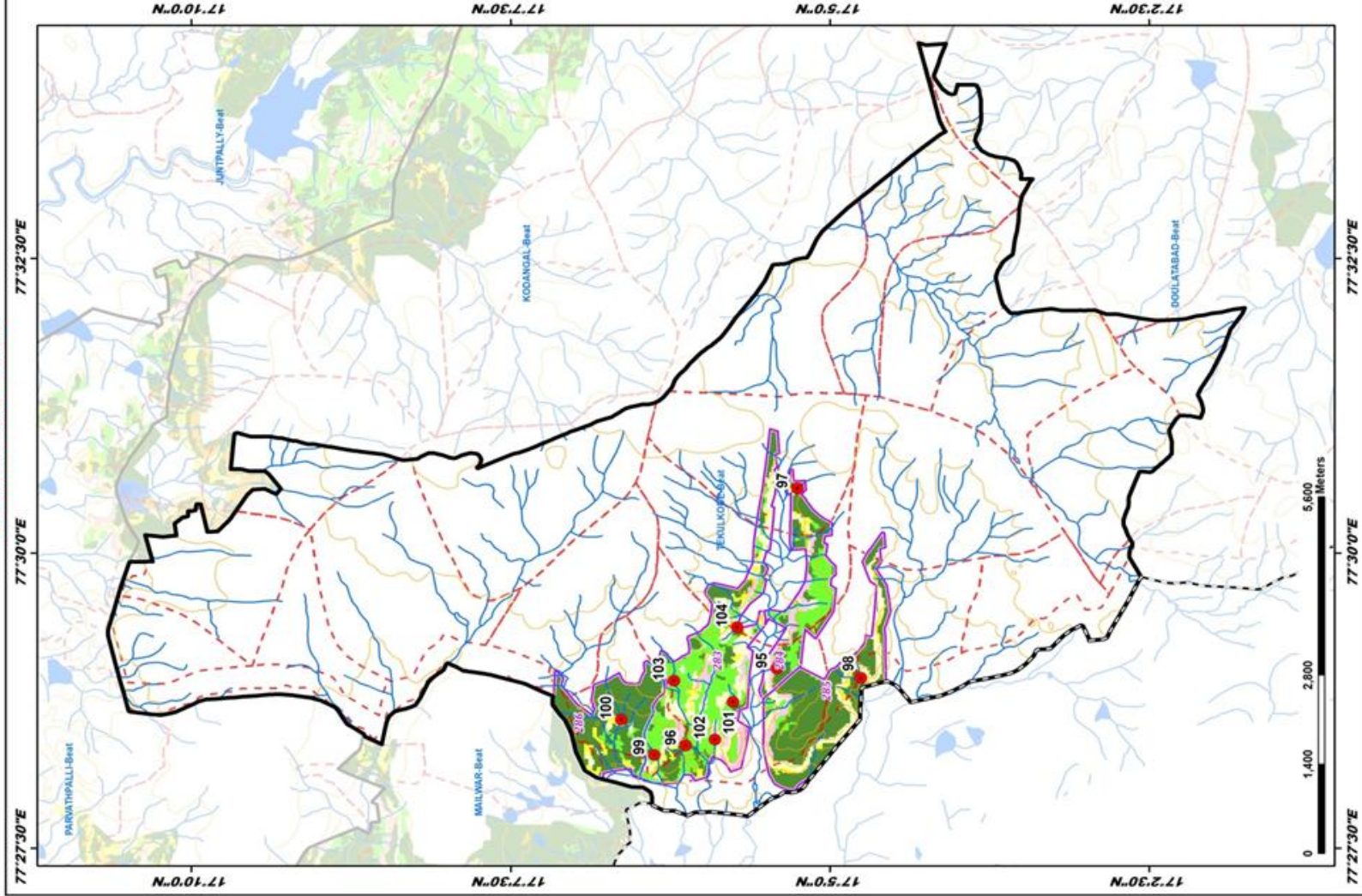
Suitability Index

- 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 Tekulkode Beat



Division : Vikarabad
Range : Kodangal

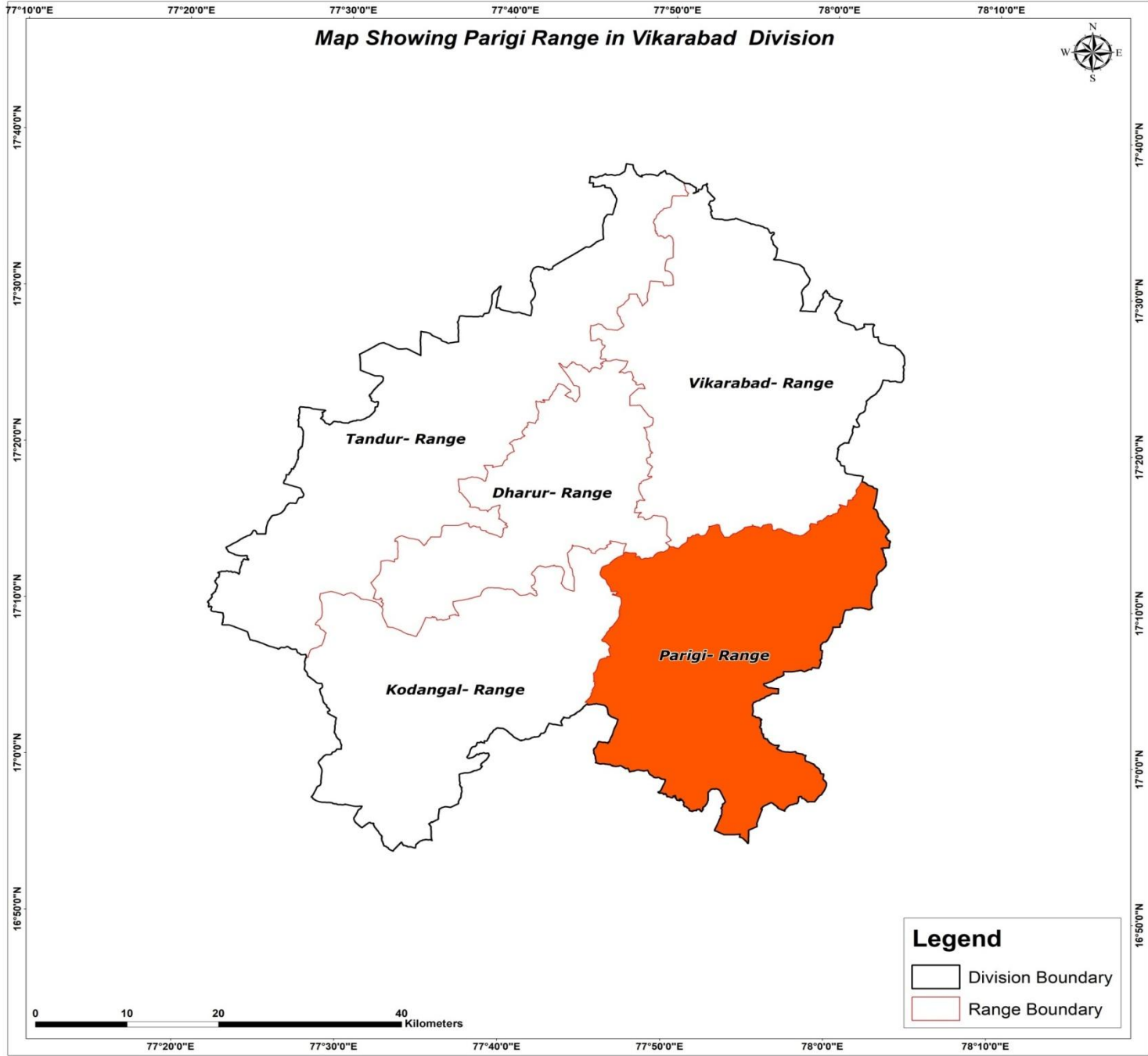


ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
95	17.690285	77.483785	15.43	I
96	17.102140	77.472978	5.65	I
97	17.687562	77.509237	19.00	I
98	17.679310	77.482456	48.37	II
99	17.106255	77.471528	21.20	II
100	17.110600	77.476539	49.78	II
101	17.696026	77.479040	12.27	II
102	17.698357	77.473712	10.59	II
103	17.103889	77.482028	36.67	III
104	17.695462	77.489618	10.02	IV

LEGEND

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

Map Showing Parigi Range in Vikarabad Division



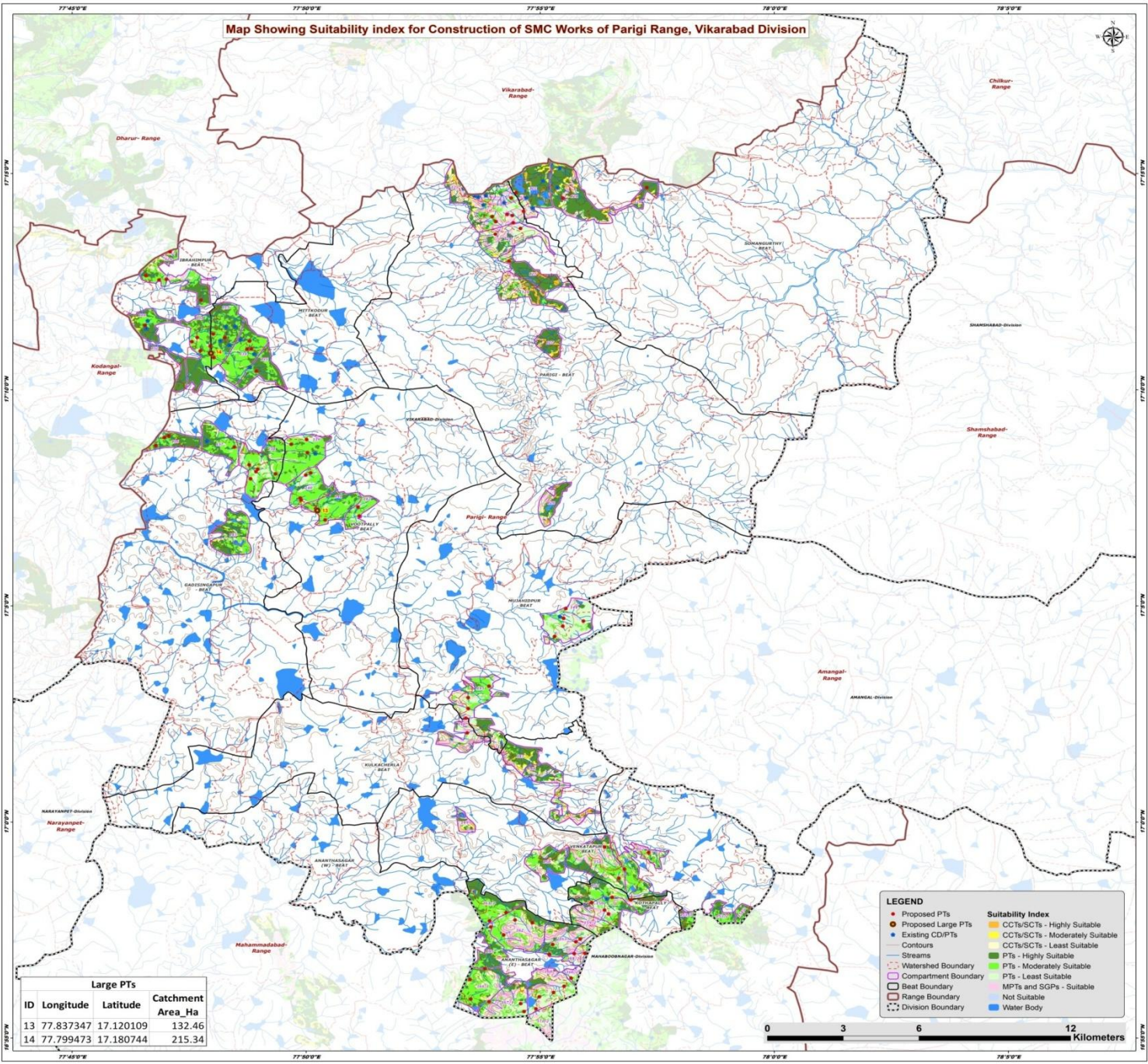
17°40'0"N
17°30'0"N
17°20'0"N
17°10'0"N
17°0'0"N
16°50'0"N

17°40'0"N
17°30'0"N
17°20'0"N
17°10'0"N
17°0'0"N
16°50'0"N

0 10 20 40 Kilometers

77°20'0"E 77°30'0"E 77°40'0"E 77°50'0"E 78°0'0"E 78°10'0"E

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

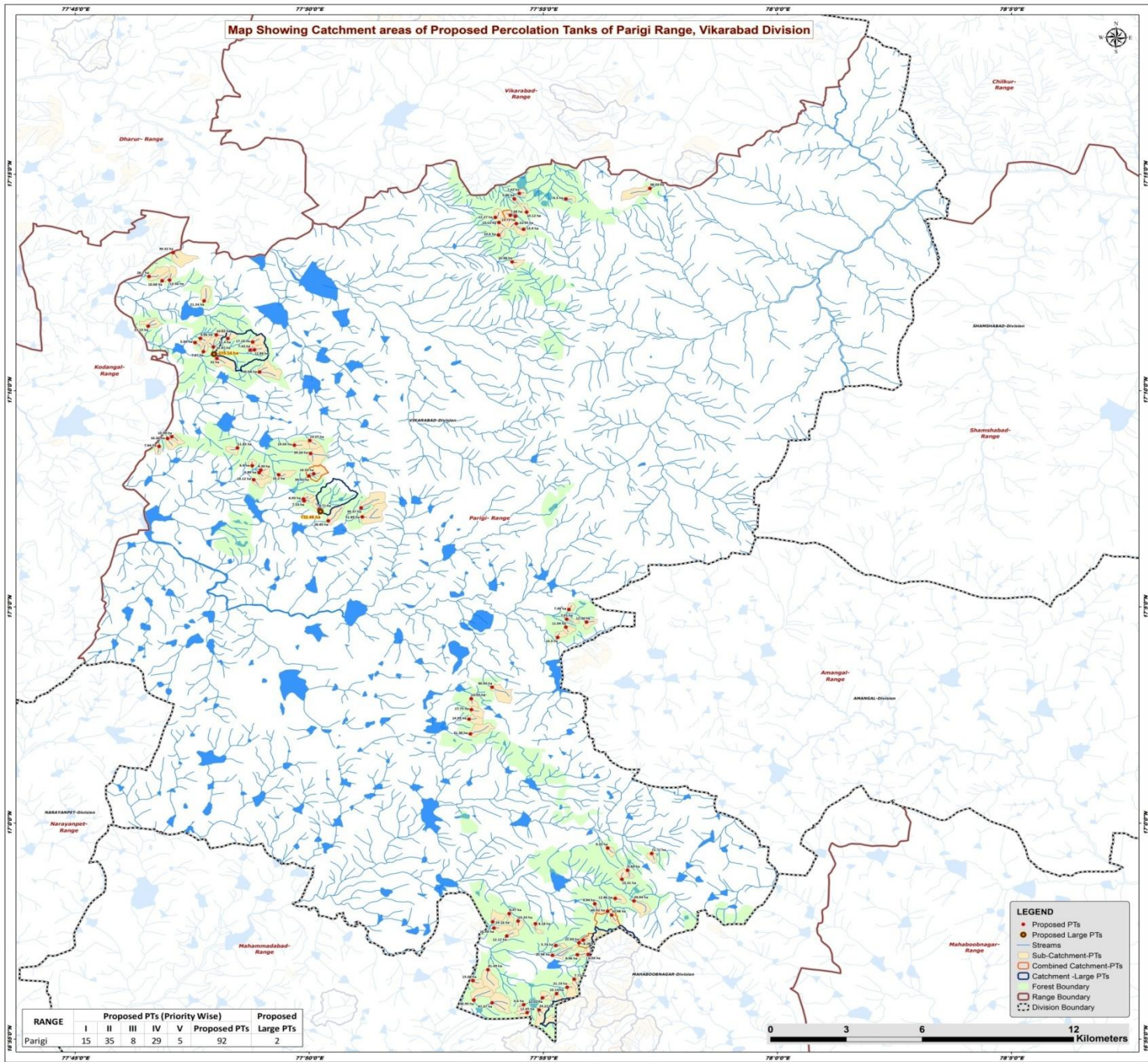


Large PTs			
ID	Longitude	Latitude	Catchment Area_Ha
13	77.837347	17.120109	132.46
14	77.799473	17.180744	215.34

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

0 3 6 12 Kilometers

Map Showing Catchment areas of Proposed Percolation Tanks of Parigi Range, Vikarabad Division



RANGE	Proposed PTs (Priority Wise)					Proposed Large PTs
	I	II	III	IV	V	
Parigi	15	35	8	29	5	92
						2

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

0 3 6 12 Kilometers

Beat wise Abstract of Proposed PT's – Parigi Range

S. No.	Beat	Proposed PT's
1	ANANTHASAGAR EAST	23
2	GADISINGAPUR	9
3	IBRAHIMPUR	10
4	KOTHAPALLY	5
5	KULKACHERLA	1
6	MITTKODUR	7
7	MUJAHIDPUR	9
8	PARIGI	10
9	SOMANGURTHY	3
10	VENKATAPUR	4
11	VOOTPALLY	11
	Total	92

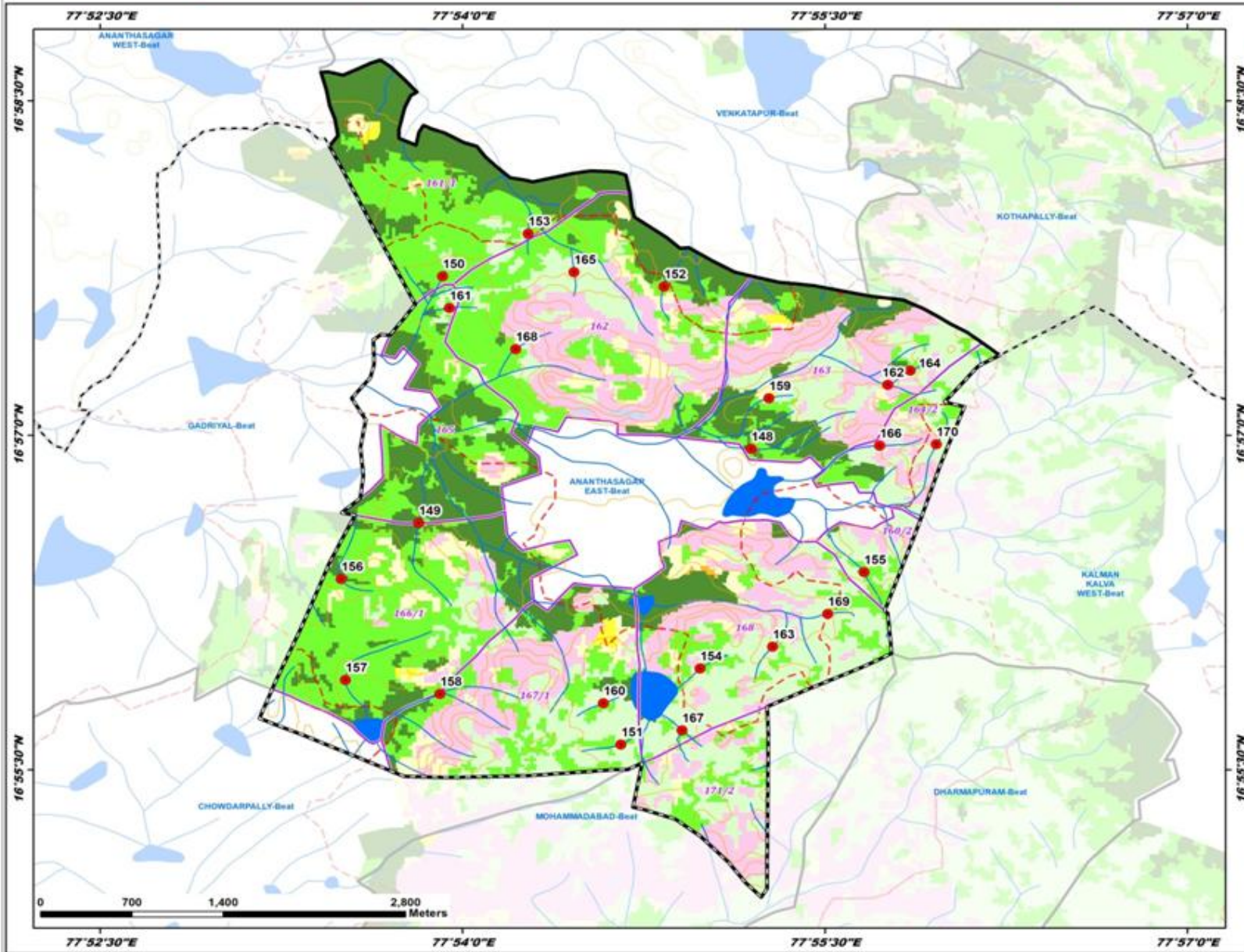
List of Proposed PTs – Parigi Range

ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat	ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat	ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat
148	16.948990	77.919908	20.98	I	ANANTHASAGAR(E)	188	17.147429	77.833551	13.27	IV	VOOTPALLY	228	17.233423	77.899592	12.27	I	PARIGI
149	16.943465	77.896981	41.49	II	ANANTHASAGAR(E)	189	17.118003	77.852245	51.89	V	VOOTPALLY	229	17.231498	77.900874	13.12	I	PARIGI
150	16.961902	77.898627	19.16	II	ANANTHASAGAR(E)	190	17.133776	77.833252	34.92	V	VOOTPALLY	230	17.240604	77.906368	5.86	II	PARIGI
151	16.926907	77.910934	12.45	II	ANANTHASAGAR(E)	191	17.181703	77.795706	7.87	I	IBRAHIMPUR	231	17.235473	77.910732	10.12	IV	PARIGI
152	16.961133	77.913899	8.18	II	ANANTHASAGAR(E)	192	17.201257	77.795933	21.24	I	IBRAHIMPUR	232	17.226663	77.900753	10.60	IV	PARIGI
153	16.965070	77.904536	8.47	II	ANANTHASAGAR(E)	193	17.191528	77.776026	21.15	II	IBRAHIMPUR	233	17.234256	77.904911	7.48	IV	PARIGI
154	16.932579	77.916389	12.02	II	ANANTHASAGAR(E)	194	17.185183	77.792678	5.94	II	IBRAHIMPUR	234	17.231046	77.907092	11.95	IV	PARIGI
155	16.939778	77.927704	7.72	II	ANANTHASAGAR(E)	195	17.208991	77.781003	10.68	II	IBRAHIMPUR	235	17.228880	77.909686	13.90	IV	PARIGI
156	16.939270	77.891620	15.08	II	ANANTHASAGAR(E)	196	17.210676	77.776329	26.20	II	IBRAHIMPUR	236	17.233873	77.906744	14.73	IV	PARIGI
157	16.931733	77.891926	30.95	III	ANANTHASAGAR(E)	197	17.186803	77.794586	9.06	II	IBRAHIMPUR	237	17.240584	77.924711	6.30	I	SOMANGURTHY
158	16.930690	77.898436	47.07	III	ANANTHASAGAR(E)	198	17.183482	77.799251	12.87	II	IBRAHIMPUR	238	17.242701	77.908140	7.42	I	SOMANGURTHY
159	16.952785	77.921137	5.74	IV	ANANTHASAGAR(E)	199	17.209260	77.783632	13.56	II	IBRAHIMPUR	239	17.244627	77.954638	38.03	II	SOMANGURTHY
160	16.929987	77.909726	6.60	IV	ANANTHASAGAR(E)	200	17.219885	77.784914	39.32	V	IBRAHIMPUR						
161	16.959529	77.899110	16.49	IV	ANANTHASAGAR(E)	201	17.188183	77.800268	10.82	I	MITTKODUR						
162	16.953784	77.929351	21.69	IV	ANANTHASAGAR(E)	202	17.185414	77.813222	17.18	I	MITTKODUR						
163	16.934222	77.921397	10.14	IV	ANANTHASAGAR(E)	203	17.186762	77.804384	11.40	I	MITTKODUR						
164	16.954845	77.930908	8.28	IV	ANANTHASAGAR(E)	204	17.173845	77.815665	40.68	II	MITTKODUR						
165	16.962203	77.907699	10.24	IV	ANANTHASAGAR(E)	205	17.182385	77.813826	12.89	II	MITTKODUR						
166	16.949233	77.928788	8.96	IV	ANANTHASAGAR(E)	206	17.182317	77.812321	7.43	II	MITTKODUR						
167	16.927967	77.915152	24.22	IV	ANANTHASAGAR(E)	207	17.179065	77.800499	31.00	III	MITTKODUR						
168	16.956446	77.903679	12.12	IV	ANANTHASAGAR(E)	208	16.970934	77.942276	12.86	II	KOTHAPALLY						
169	16.936667	77.925193	21.19	IV	ANANTHASAGAR(E)	209	16.969968	77.948919	29.94	III	KOTHAPALLY						
170	16.949352	77.932695	6.04	IV	ANANTHASAGAR(E)	210	16.964547	77.940999	10.48	IV	KOTHAPALLY						
171	17.148902	77.784432	10.99	I	GADISINGAPUR	211	16.968860	77.935003	9.94	IV	KOTHAPALLY						
172	17.144584	77.807798	11.85	I	GADISINGAPUR	212	16.966004	77.939587	60.92	V	KOTHAPALLY						
173	17.134208	77.822474	16.20	II	GADISINGAPUR	213	16.988240	77.955243	11.71	I	VENKATAPUR						
174	17.148249	77.782906	16.36	II	GADISINGAPUR	214	16.981802	77.946692	5.84	II	VENKATAPUR						
175	17.145202	77.779902	7.84	II	GADISINGAPUR	215	16.990357	77.939595	9.35	IV	VENKATAPUR						
176	17.136051	77.816113	9.39	II	GADISINGAPUR	216	16.978327	77.944667	13.31	IV	VENKATAPUR						
177	17.132333	77.813602	19.12	II	GADISINGAPUR	217	17.034354	77.890717	31.38	V	KULKACHERLA						
178	17.135044	77.815491	6.89	II	GADISINGAPUR	218	17.043691	77.891083	17.75	II	MUJAHIDPUR						
179	17.137723	77.813075	6.90	II	GADISINGAPUR	219	17.071523	77.921801	10.30	II	MUJAHIDPUR						
180	17.120874	77.836759	8.71	I	VOOTPALLY	220	17.052366	77.898440	40.44	III	MUJAHIDPUR						
181	17.124165	77.831573	7.53	II	VOOTPALLY	221	17.077459	77.932071	12.04	IV	MUJAHIDPUR						
182	17.134620	77.834947	19.55	II	VOOTPALLY	222	17.075501	77.924716	11.04	IV	MUJAHIDPUR						
183	17.124882	77.831287	6.93	II	VOOTPALLY	223	17.078555	77.925000	7.01	IV	MUJAHIDPUR						
184	17.145644	77.828048	19.04	II	VOOTPALLY	224	17.047930	77.891038	10.05	IV	MUJAHIDPUR						
185	17.121482	77.851807	39.37	III	VOOTPALLY	225	17.082306	77.925798	7.48	IV	MUJAHIDPUR						
186	17.142432	77.833841	39.26	III	VOOTPALLY	226	17.040046	77.890224	14.99	IV	MUJAHIDPUR						
187	17.116479	77.840111	28.85	III	VOOTPALLY	227	17.216314	77.905604	10.98	I	PARIGI						

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



Division : Vikarabad
Range : Parigi



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
148	16.948990	77.919908	20.98	I
149	16.943465	77.894981	41.49	II
150	16.961902	77.898627	19.16	II
151	16.926907	77.910934	12.45	II
152	16.961133	77.913899	8.18	II
153	16.965070	77.904536	8.47	II
154	16.932579	77.916389	12.02	II
155	16.939778	77.927704	7.72	II
156	16.939270	77.891620	15.08	II
157	16.931733	77.891926	30.95	III
158	16.930690	77.898436	47.07	III
159	16.952785	77.921137	5.74	IV
160	16.929987	77.909726	6.60	IV
161	16.959529	77.899110	16.49	IV
162	16.953784	77.929351	21.69	IV
163	16.934222	77.921397	10.14	IV
164	16.954845	77.930908	8.28	IV
165	16.962203	77.907699	10.24	IV
166	16.949233	77.928788	8.96	IV
167	16.927967	77.915152	24.22	IV
168	16.956446	77.903679	12.12	IV
169	16.936667	77.925193	21.19	IV
170	16.949352	77.932695	6.04	IV

LEGEND

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

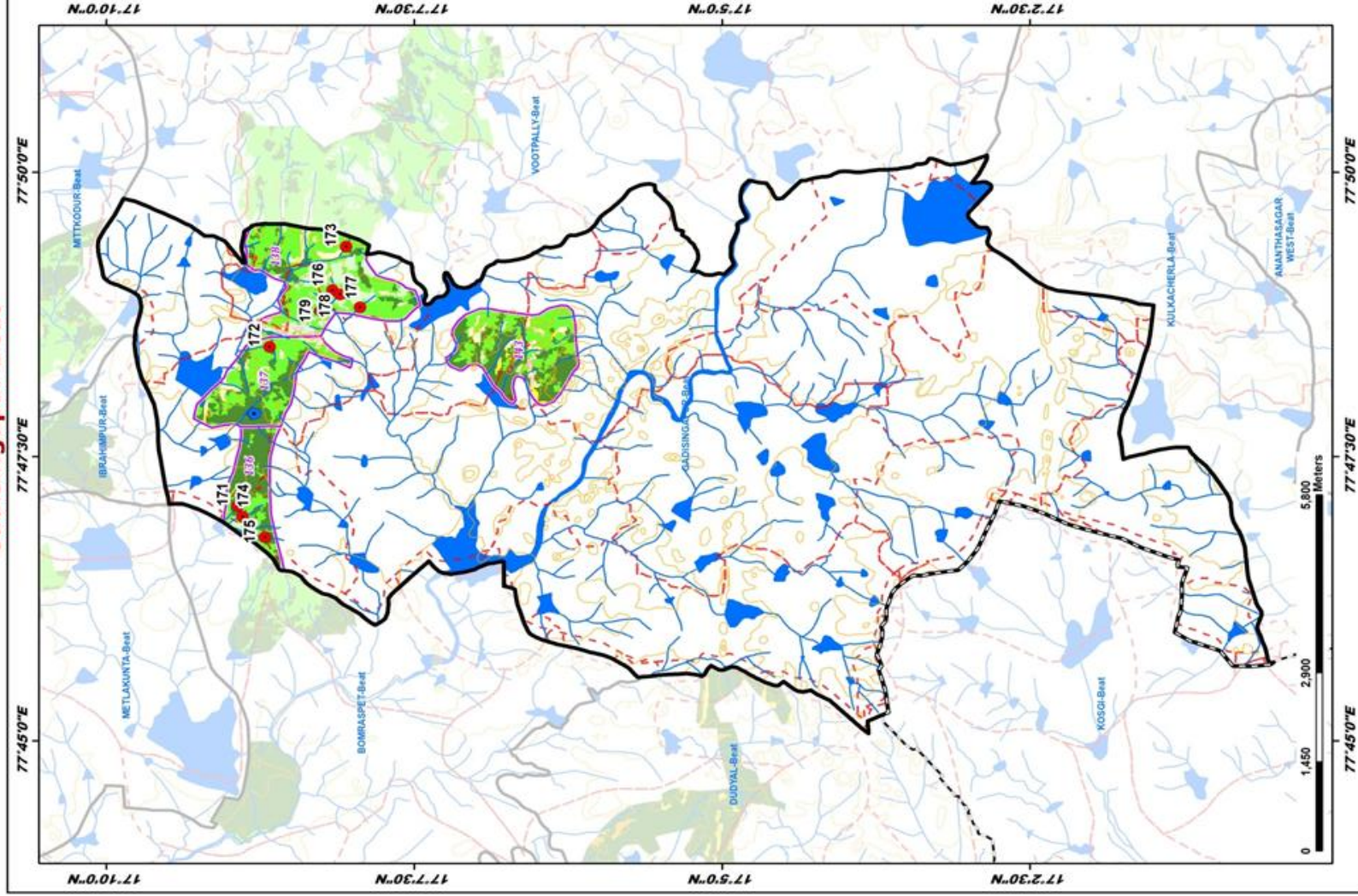
Suitability Index

- CCTs/STs - Highly Suitable
- CCTs/STs - Moderately Suitable
- CCTs/STs - 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 Gadisingapur Beat



Division : Vikarabad
Range : Parigi



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
171	17.148902	77.784432	10.99	I
172	17.146584	77.807798	11.85	I
173	17.134208	77.824274	16.20	II
174	17.148249	77.782906	16.36	II
175	17.148202	77.779902	7.84	II
176	17.136051	77.816113	9.39	II
177	17.133333	77.813602	15.12	II
178	17.135044	77.815491	6.89	II
179	17.137723	77.813075	6.90	II

LEGEND

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

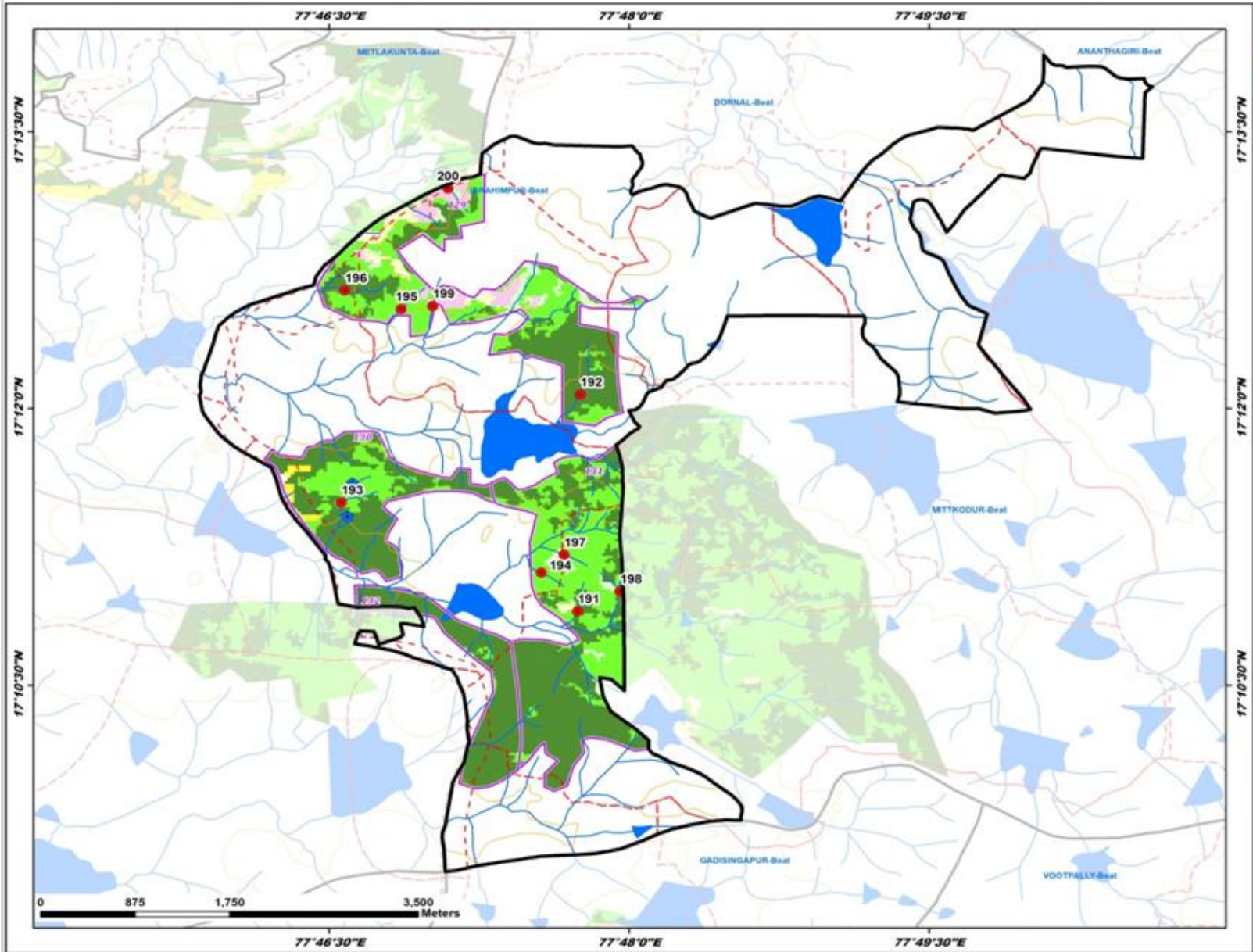
Suitability Index

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

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



Division : Vikarabad
Range : Parigi



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
191	17.183703	77.795706	7.87	I
192	17.201257	77.795933	21.24	I
193	17.191528	77.776026	21.15	II
194	17.185183	77.792678	5.94	II
195	17.208991	77.781003	10.68	II
196	17.210678	77.776329	26.20	II
197	17.186803	77.794586	9.06	II
198	17.183482	77.799251	12.87	II
199	17.209260	77.783632	13.56	II
200	17.219885	77.784914	35.32	V

LEGEND

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

Suitability Index

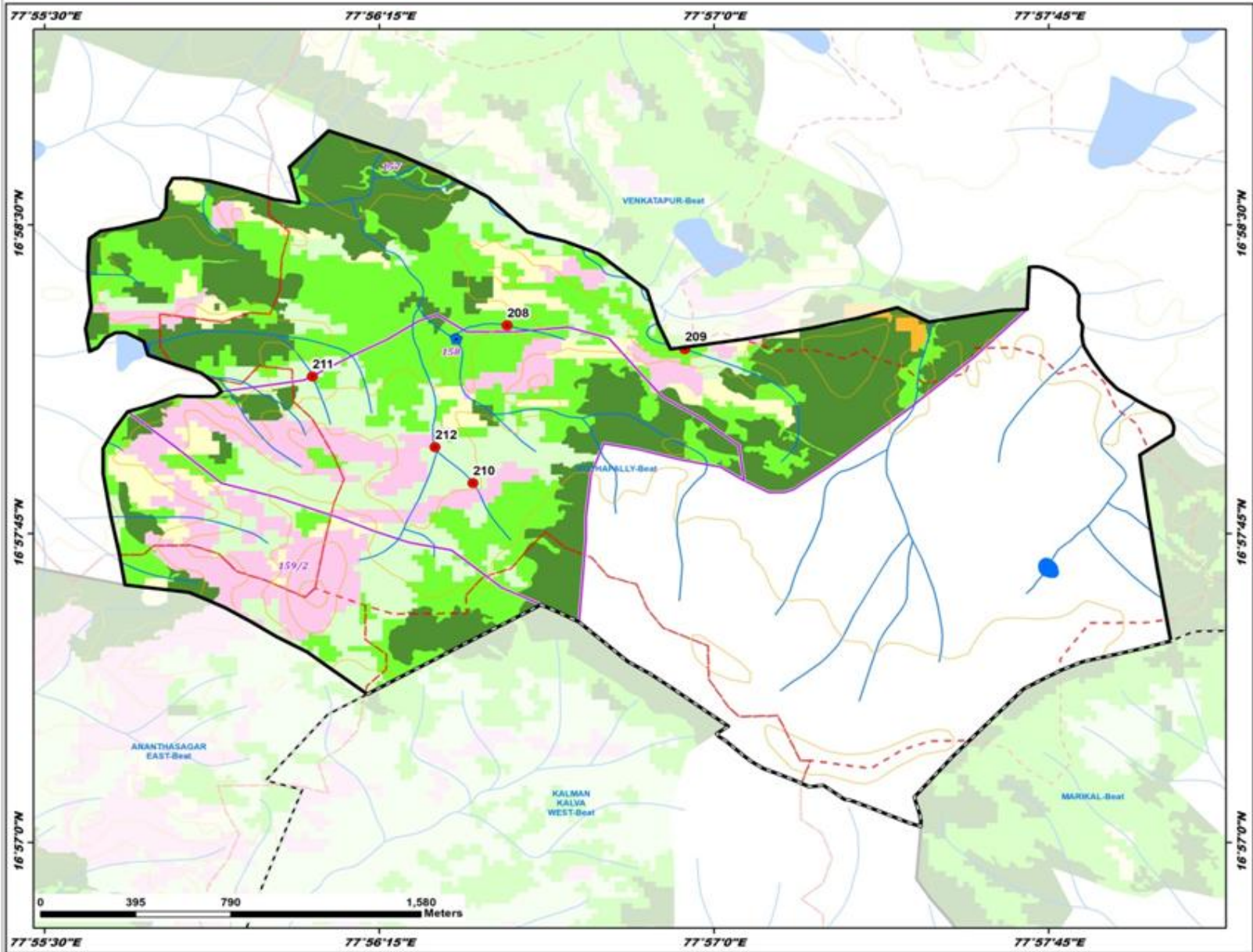
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body



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



Division : Vikarabad
Range : Parigi



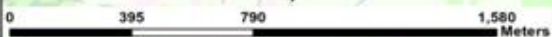
ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
208	16.970934	77.942276	12.86	II
209	16.969968	77.948933	29.54	III
210	16.964547	77.940999	10.48	IV
211	16.968860	77.935003	9.94	IV
212	16.966004	77.939587	60.92	V

LEGEND

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

Suitability Index

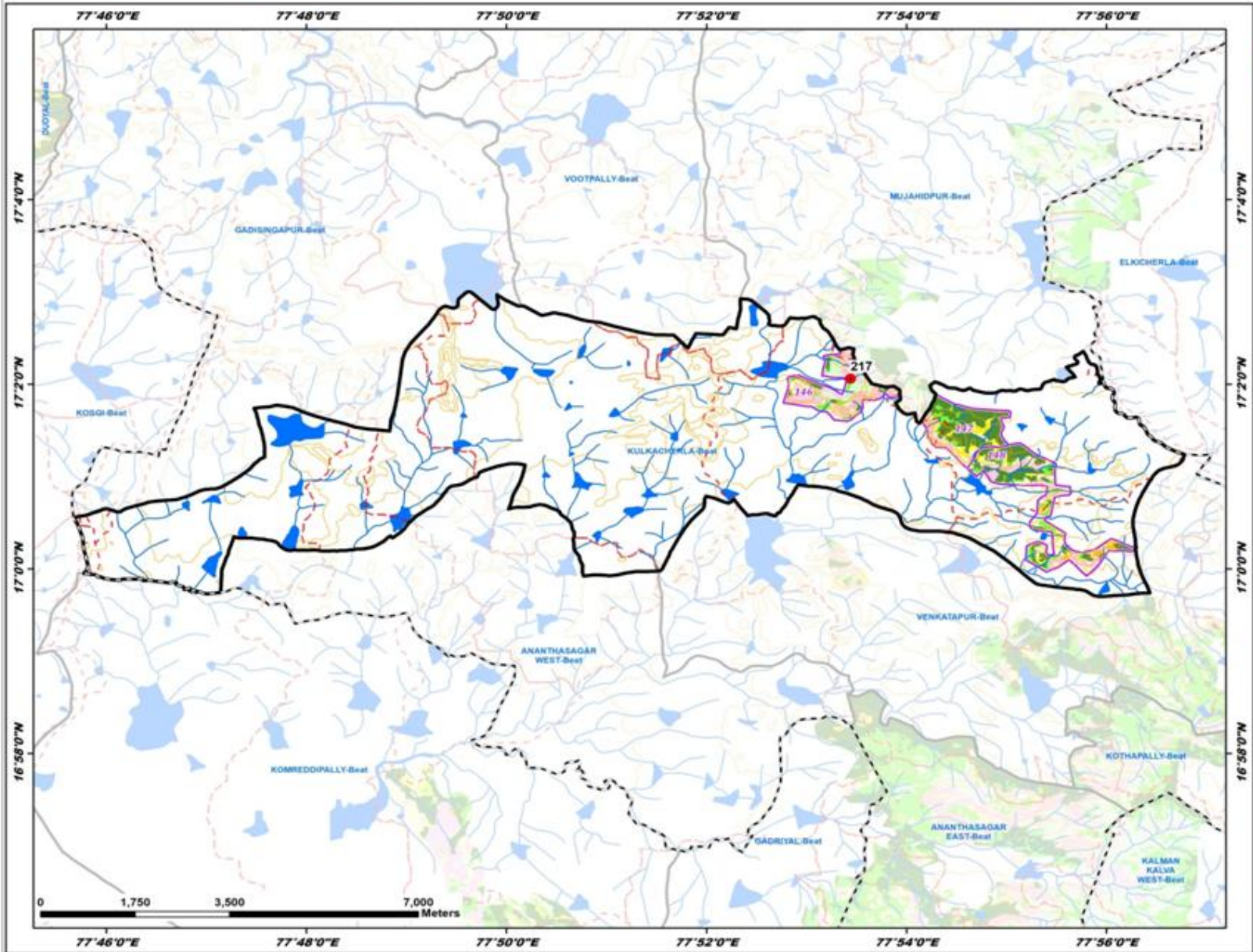
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body



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



Division : Vikarabad
Range : Parigi



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
217	17.094354	77.890717	31.38	V

LEGEND

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

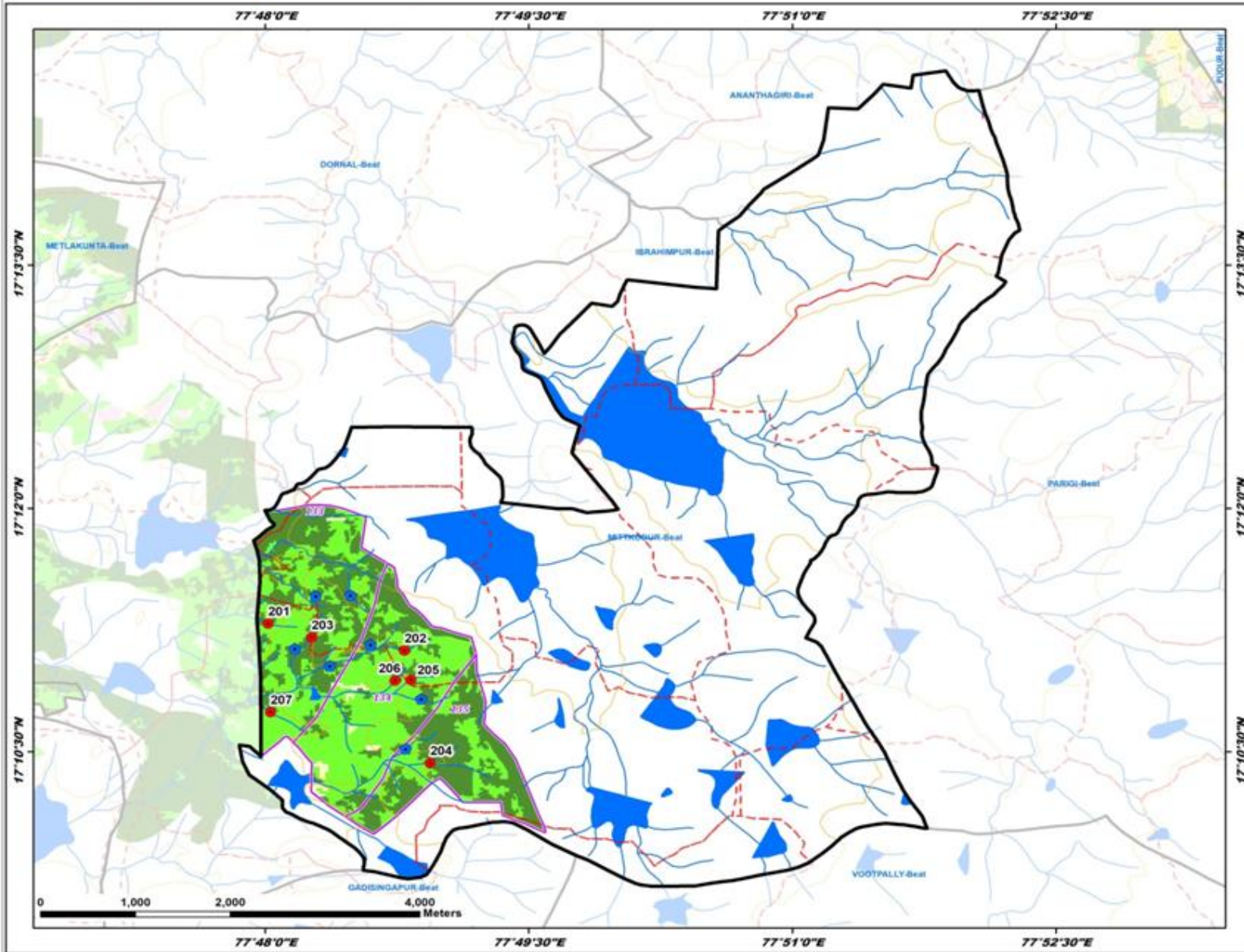
Suitability Index

- 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 Mittkodur Beat



Division : Vikarabad
Range : Parigi



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
201	17.188183	77.800268	10.82	I
202	17.185414	77.813222	17.18	I
203	17.186762	77.804384	11.40	I
204	17.173845	77.815665	40.68	II
205	17.182385	77.813826	12.89	II
206	17.182317	77.812321	7.43	II
207	17.179065	77.800499	31.00	III

LEGEND

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

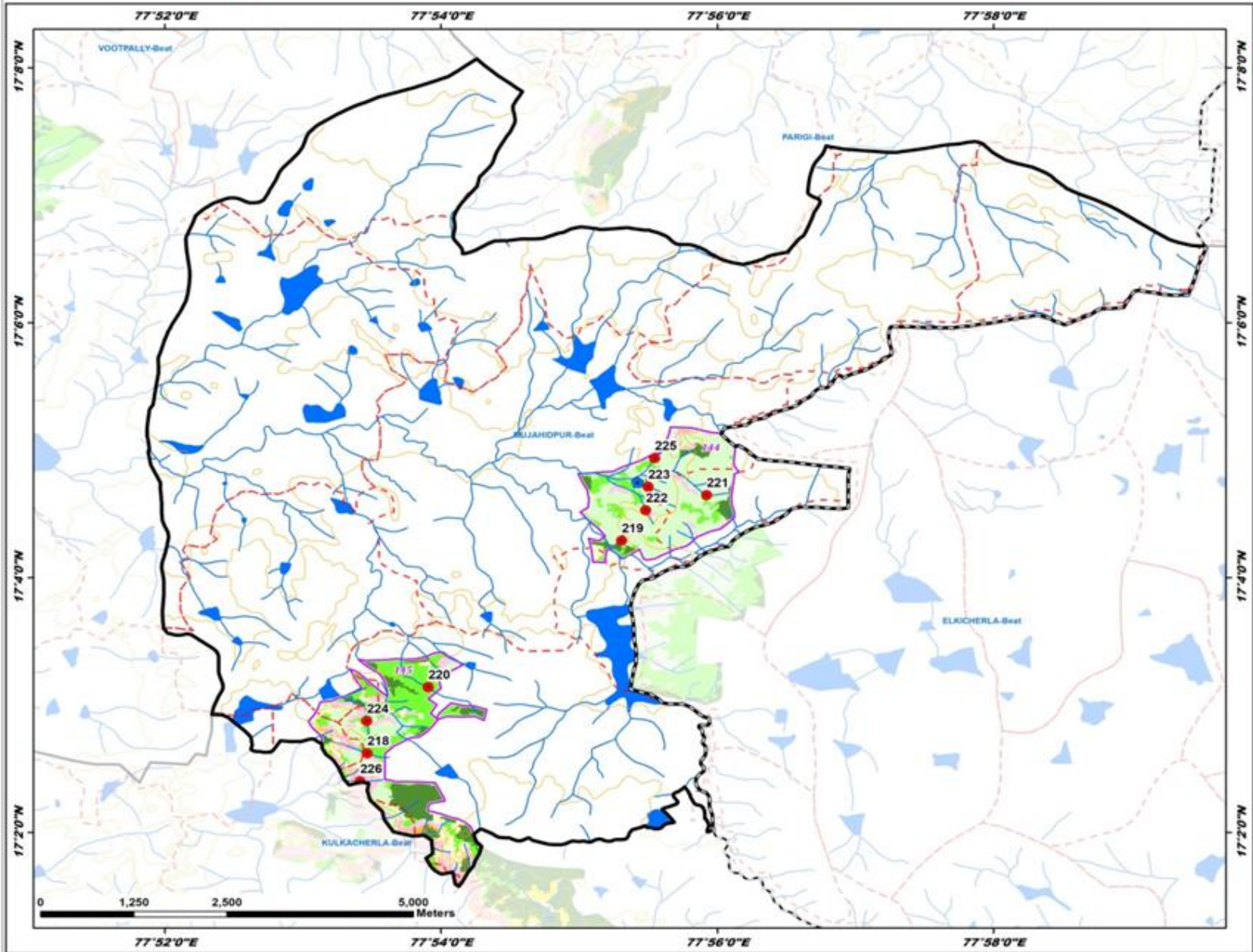
Suitability Index

- 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 Mujahidpur Beat



Division : Vikarabad
Range : Parigi



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
218	17.048691	77.891083	17.75	II
219	17.071523	77.921801	10.30	II
220	17.052366	77.899640	40.44	III
221	17.077459	77.932071	12.04	IV
222	17.075501	77.924716	11.04	IV
223	17.078555	77.925000	7.05	IV
224	17.047930	77.891038	10.05	IV
225	17.082306	77.925798	7.48	IV
226	17.040046	77.890224	14.99	IV

LEGEND

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

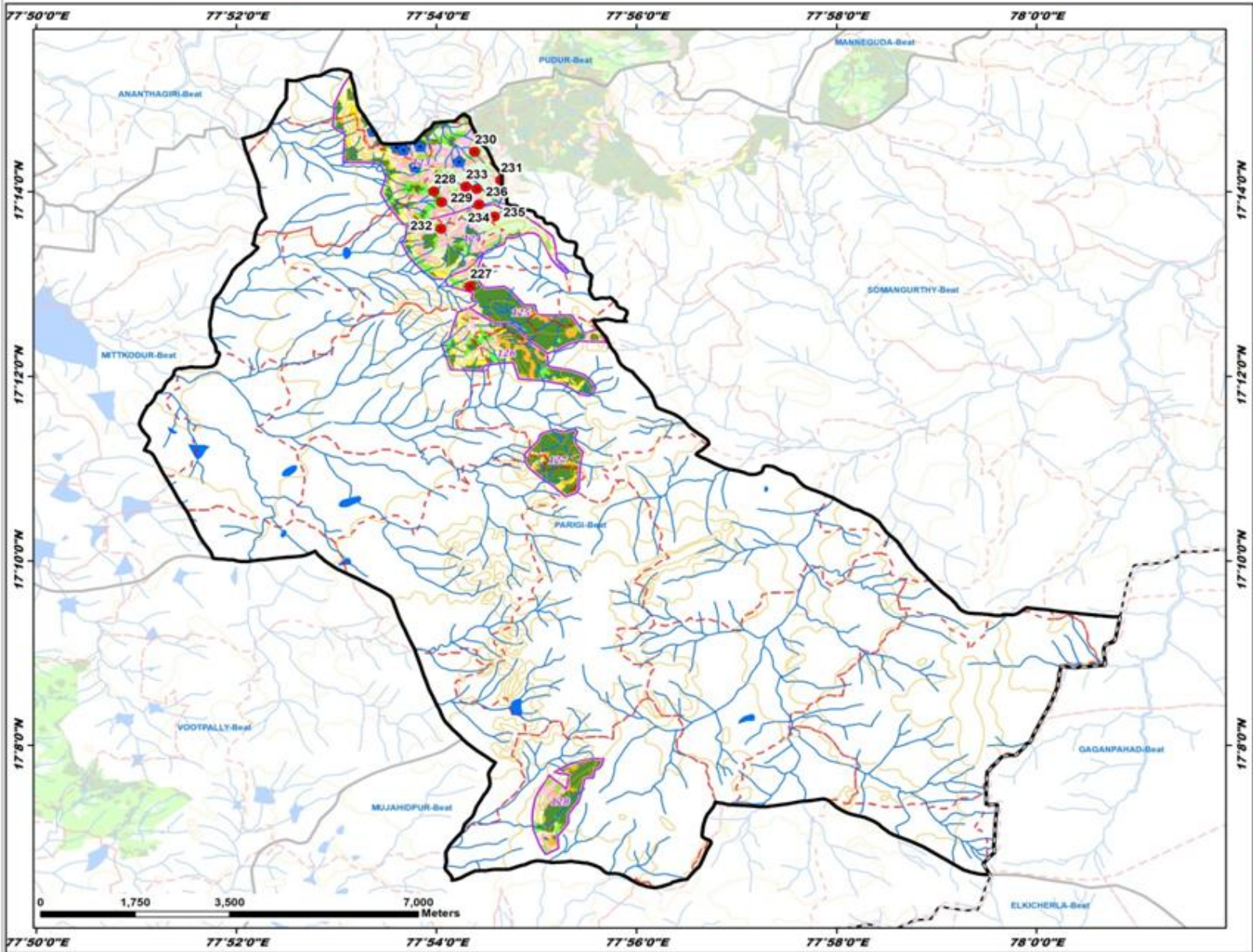
Suitability Index

- 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 Parigi Beat



Division : Vikarabad
Range : Parigi



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
227	17.216314	77.905604	10.98	I
228	17.233423	77.899592	12.27	I
229	17.231498	77.900874	13.12	I
230	17.240604	77.906368	5.86	II
231	17.235473	77.910732	10.12	IV
232	17.226663	77.900753	10.60	IV
233	17.234256	77.904911	7.48	IV
234	17.231046	77.907092	11.95	IV
235	17.228880	77.909686	13.90	IV
236	17.233873	77.906744	14.73	IV

LEGEND

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

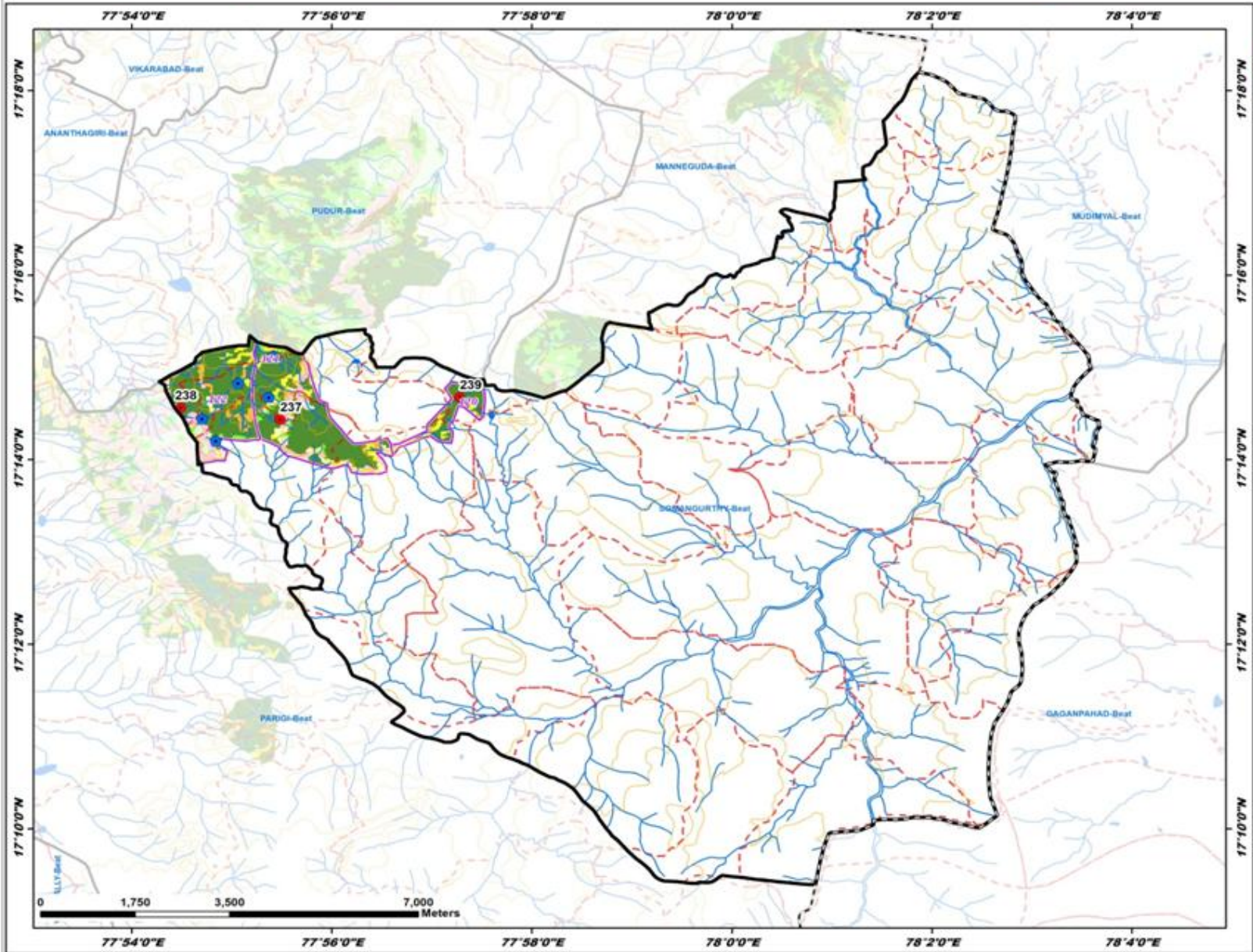
Suitability Index

- 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 Somangurthy Beat



Division : Vikarabad
Range : Parigi



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
237	17.240584	77.924711	6.30	I
238	17.242701	77.908140	7.42	I
239	17.244627	77.954638	38.03	II

LEGEND

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

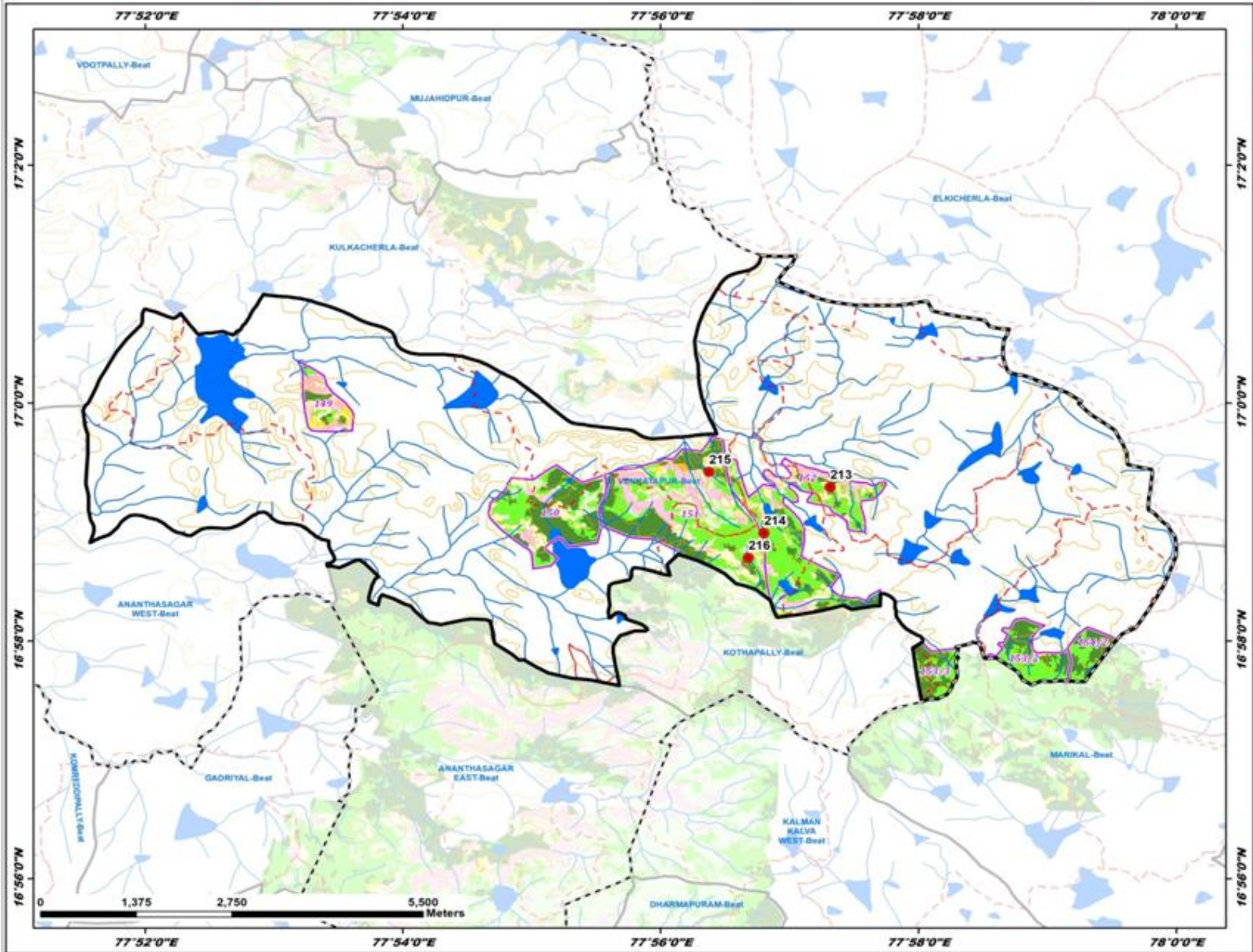
Suitability Index

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

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



Division : Vikarabad
Range : Parigi



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
213	16.988240	77.955243	11.71	I
214	16.983802	77.946692	5.84	II
215	16.990357	77.939595	9.35	IV
216	16.978327	77.944667	13.31	IV

LEGEND

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

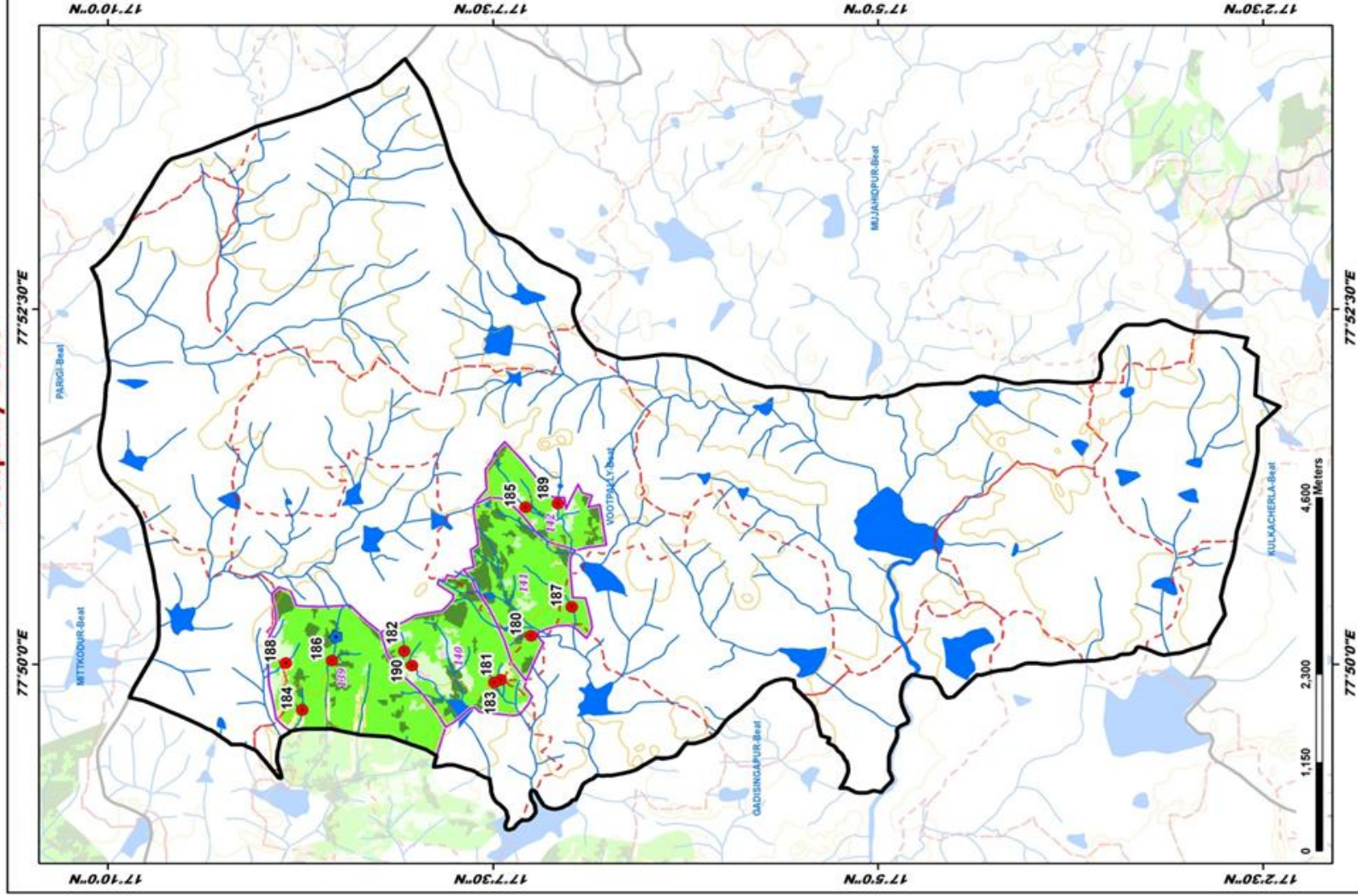
Suitability Index

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

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



Division : Vikarabad
Range : Parigi

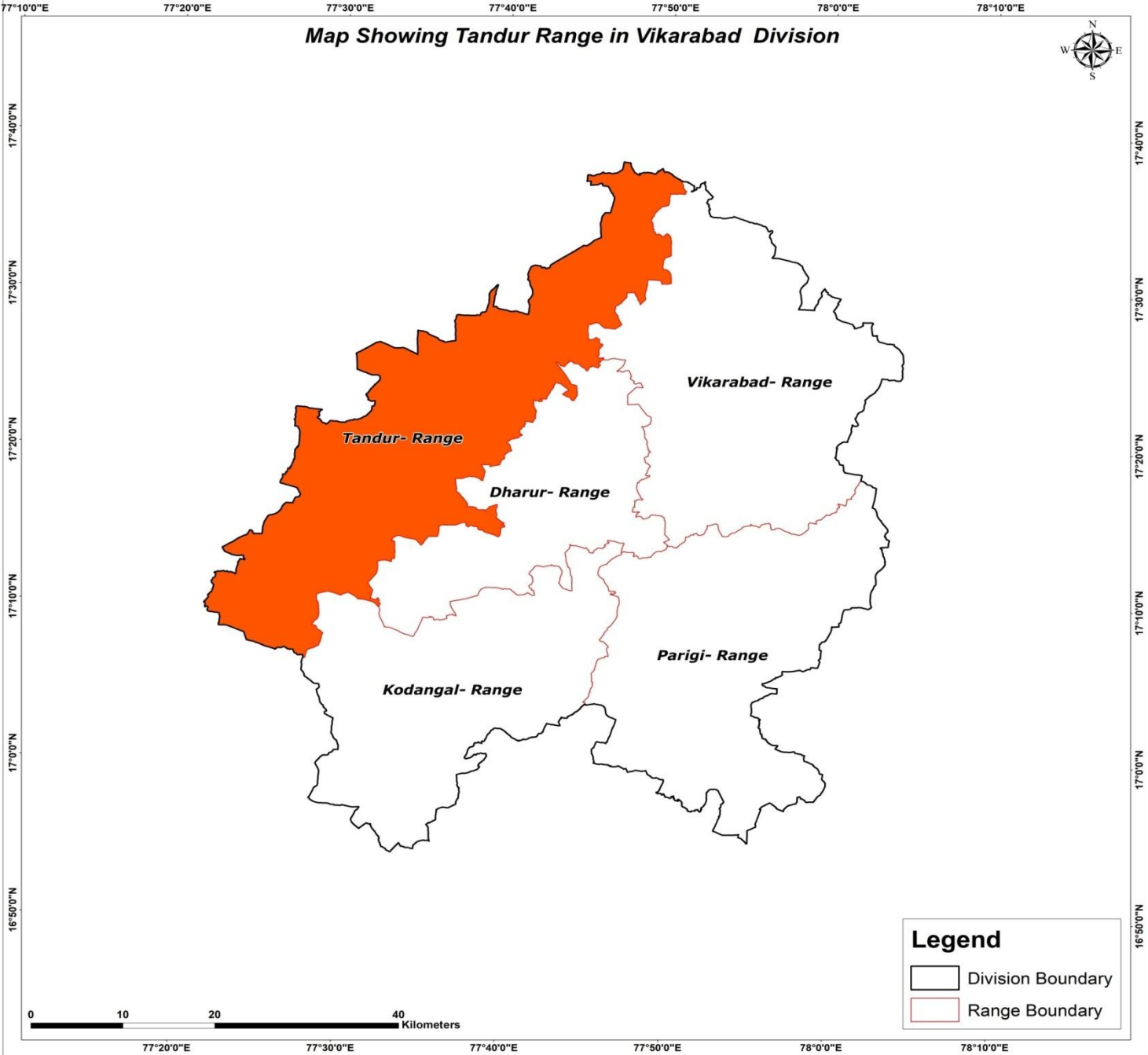


ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
180	17.120874	77.836758	8.71	I
181	17.124165	77.831373	7.53	II
182	17.136620	77.834947	19.55	II
183	17.132682	77.831287	6.93	II
184	17.165644	77.828048	19.04	II
185	17.121482	77.851807	39.37	III
186	17.142432	77.831841	36.26	III
187	17.116479	77.840111	28.85	III
188	17.147429	77.833551	13.27	IV
189	17.118003	77.852245	51.89	V
190	17.133776	77.833252	34.92	V

LEGEND

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

Map Showing Tandur Range in Vikarabad Division



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

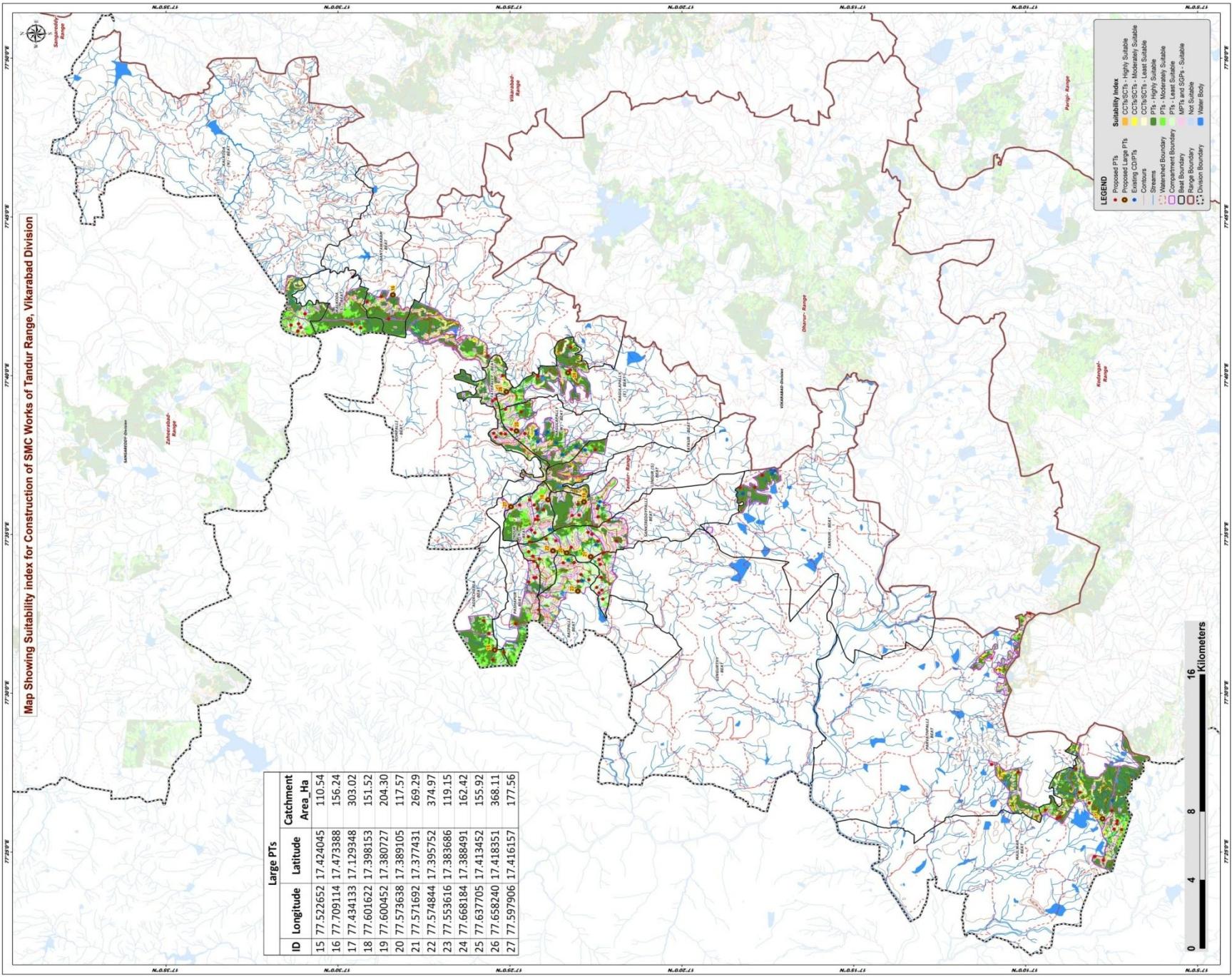
Large PTs			
ID	Longitude	Latitude	Catchment Area, Ha
15	77.522652	17.424045	110.54
16	77.709114	17.473388	156.24
17	77.434133	17.129348	303.02
18	77.601622	17.398153	151.52
19	77.600452	17.380727	204.30
20	77.573638	17.389105	117.57
21	77.571692	17.377431	269.29
22	77.574844	17.395752	374.97
23	77.553616	17.383686	119.15
24	77.668184	17.388491	162.42
25	77.637705	17.413452	155.92
26	77.658240	17.418351	368.11
27	77.597906	17.416157	177.56

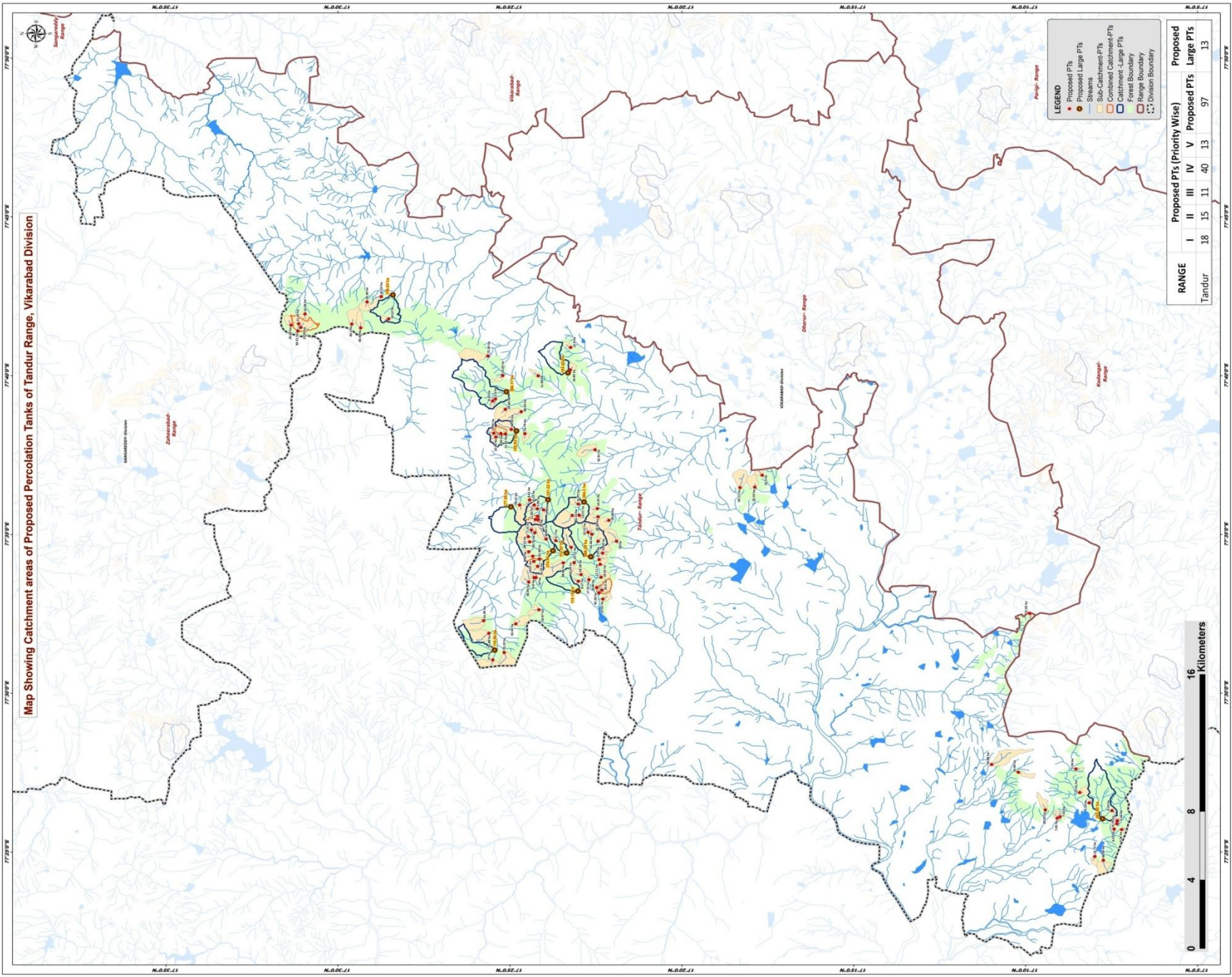
LEGEND

- Proposed PTs
- Existing CDPTs
- Contours
- Watershed Boundary
- Compartment Boundary
- Basin Boundary
- Range Boundary
- Division Boundary
- Water Body

Suitability Index

- CCWs/SCTs - Highly Suitable
- CCWs/SCTs - Moderately Suitable
- CCWs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SOPs - Suitable
- MPTs and SOPs - Not Suitable





Map Showing Catchment areas of Proposed Percolation Tanks of Tandur Range, Vikarabad Division

LEGEND

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



RANGE	Proposed PTs (Priority Wise)					Large PTs
	I	II	III	IV	V	
Tandur	18	15	11	40	13	97

Beat wise Abstract of Proposed PT's – Tandoor Range

S. No.	Beat	Proposed PT's
1	ADIKCHERLA	3
2	ATKUR	1
3	BANTAWARAM	3
4	GINGURTHY	8
5	INDUR NORTH	12
6	INDUR SOUTH	5
7	KALKODA NORTH	5
8	KALKODA SOUTH	2
9	MAILWAR	13
10	NAGULAPALLY EAST	3
11	NAGULAPALLY WEST	4
12	PARVATHPALLI	3
13	PASHAPUR	7
14	RAIPALLI	5
15	ROMPALLI	1
16	SANKIREDDYPALLI	12
17	TANDUR	3
18	TATEPALLY	7
	Total	97

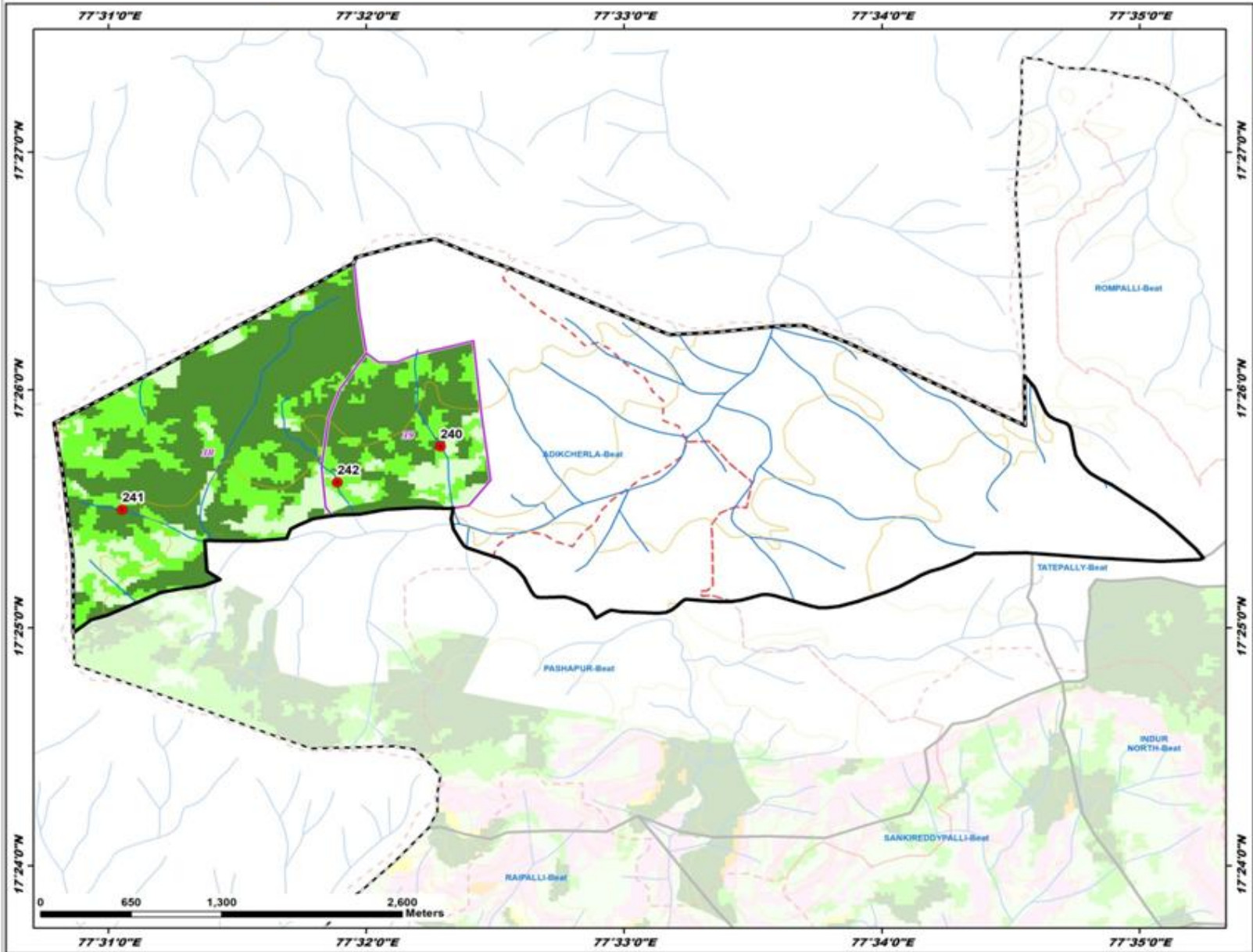
List of Proposed PTs – Tandoor Range

ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat	ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat	ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat	
240	17.429379	77.538130	61.95	III	ADIKCHERLA	280	17.403119	77.591155	7.14	IV	INDUR NORTH	320	17.297928	77.608202	35.59	II	TANDUR	
241	17.424945	77.517555	57.00	III	ADIKCHERLA	281	17.404863	77.598828	14.22	IV	INDUR NORTH	321	17.305111	77.607940	59.11	III	TANDUR	
242	17.426862	77.531471	65.88	IV	ADIKCHERLA	282	17.406256	77.585665	7.25	IV	INDUR NORTH	322	17.375376	77.627844	42.91	II	ATKUR	
243	17.407534	77.558370	38.94	III	PASHAPUR	283	17.404586	77.584255	5.45	IV	INDUR NORTH	323	17.402921	77.666617	11.09	I	NAGULAPALLY EAST	
244	17.413824	77.536418	32.45	III	PASHAPUR	284	17.404324	77.591288	11.85	IV	INDUR NORTH	324	17.387191	77.681536	12.90	I	NAGULAPALLY EAST	
245	17.404906	77.560679	6.80	IV	PASHAPUR	285	17.407039	77.601483	8.61	IV	INDUR NORTH	325	17.387329	77.669765	16.85	I	NAGULAPALLY EAST	
246	17.403997	77.560719	10.00	IV	PASHAPUR	286	17.407723	77.582206	28.12	V	INDUR NORTH	326	17.411144	77.647776	48.33	III	NAGULAPALLY WEST	
247	17.402601	77.543870	18.97	IV	PASHAPUR	287	17.403251	77.592949	28.20	V	INDUR NORTH	327	17.409396	77.636296	14.79	IV	NAGULAPALLY WEST	
248	17.419408	77.521427	70.19	IV	PASHAPUR	288	17.411937	77.598881	54.15	V	INDUR NORTH	328	17.415967	77.638503	34.19	V	NAGULAPALLY WEST	
249	17.403195	77.566639	16.26	IV	PASHAPUR	289	17.383500	77.599336	15.75	I	INDUR SOUTH	329	17.418847	77.649087	35.84	V	NAGULAPALLY WEST	
250	17.475449	77.696515	14.12	I	BANTAWARAM	290	17.383058	77.593474	13.51	IV	INDUR SOUTH	330	17.420116	77.666778	14.05	I	TATEPALLY	
251	17.485919	77.705461	24.38	I	BANTAWARAM	291	17.374208	77.596959	14.35	IV	INDUR SOUTH	331	17.423433	77.634485	10.08	IV	TATEPALLY	
252	17.479006	77.708237	32.23	II	BANTAWARAM	292	17.373862	77.592676	29.58	V	INDUR SOUTH	332	17.418797	77.636064	21.81	IV	TATEPALLY	
253	17.519086	77.693958	21.43	IV	KALKODA NORTH	293	17.386438	77.593357	81.51	V	INDUR SOUTH	333	17.425021	77.653469	8.32	IV	TATEPALLY	
254	17.522721	77.693263	20.64	IV	KALKODA NORTH	294	17.405522	77.571995	15.20	I	SANKIREDDYPALLI	334	17.420989	77.636380	9.09	IV	TATEPALLY	
255	17.515982	77.699131	16.09	IV	KALKODA NORTH	295	17.386987	77.576637	47.12	II	SANKIREDDYPALLI	335	17.424458	77.636494	15.92	IV	TATEPALLY	
256	17.519433	77.690146	83.51	V	KALKODA NORTH	296	17.404991	77.569272	13.57	II	SANKIREDDYPALLI	336	17.423668	77.654544	5.90	IV	TATEPALLY	
257	17.518034	77.692061	27.55	V	KALKODA NORTH	297	17.368671	77.590832	39.06	II	SANKIREDDYPALLI							
258	17.488982	77.691794	30.44	III	KALKODA SOUTH	298	17.373927	77.579774	20.23	II	SANKIREDDYPALLI							
259	17.493314	77.693749	40.10	V	KALKODA SOUTH	299	17.364950	77.579847	50.00	II	SANKIREDDYPALLI							
260	17.427346	77.677107	75.36	III	ROMPALLI	300	17.399105	77.580947	36.83	III	SANKIREDDYPALLI							
261	17.140456	77.447895	22.01	I	MAILWAR	301	17.394335	77.580131	8.70	IV	SANKIREDDYPALLI							
262	17.124807	77.438398	9.32	I	MAILWAR	302	17.378744	77.584502	22.12	IV	SANKIREDDYPALLI							
263	17.133148	77.414380	14.73	I	MAILWAR	303	17.407511	77.574291	8.46	IV	SANKIREDDYPALLI							
264	17.149968	77.435175	7.42	I	MAILWAR	304	17.376926	77.583476	15.46	IV	SANKIREDDYPALLI							
265	17.142288	77.460289	5.54	I	MAILWAR	305	17.402317	77.570453	61.48	V	SANKIREDDYPALLI							
266	17.120080	77.428424	5.36	II	MAILWAR	306	17.371746	77.573587	21.54	I	GINGURTHY							
267	17.128989	77.412362	48.49	II	MAILWAR	307	17.372861	77.567708	12.11	IV	GINGURTHY							
268	17.151363	77.434406	7.85	II	MAILWAR	308	17.372480	77.560899	18.02	IV	GINGURTHY							
269	17.135836	77.442483	5.19	II	MAILWAR	309	17.371616	77.549487	15.01	IV	GINGURTHY							
270	17.122458	77.431477	6.79	II	MAILWAR	310	17.373409	77.570223	9.79	IV	GINGURTHY							
271	17.122117	77.433131	5.26	II	MAILWAR	311	17.374597	77.555536	8.06	IV	GINGURTHY							
272	17.157112	77.438765	28.33	III	MAILWAR	312	17.372039	77.554147	29.50	V	GINGURTHY							
273	17.123752	77.428716	6.01	IV	MAILWAR	313	17.373452	77.552681	42.28	V	GINGURTHY							
274	17.170240	77.458560	19.94	I	PARVATHPALLI	314	17.378346	77.559607	17.55	IV	RAIPALLI							
275	17.183140	77.462607	93.88	III	PARVATHPALLI	315	17.385488	77.568617	10.59	IV	RAIPALLI							
276	17.164651	77.541931	57.05	IV	PARVATHPALLI	316	17.382176	77.562334	16.18	IV	RAIPALLI							
277	17.400376	77.596338	13.60	I	INDUR NORTH	317	17.390770	77.568441	68.86	IV	RAIPALLI							
278	17.403342	77.596793	5.99	I	INDUR NORTH	318	17.383454	77.558860	8.37	IV	RAIPALLI							
279	17.406990	77.579502	20.76	II	INDUR NORTH	319	17.294338	77.614460	19.50	I	TANDUR							

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



Division : Vikarabad
Range : Tandur



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
240	17.429379	77.538130	61.95	III
241	17.428945	77.517555	57.00	III
242	17.426862	77.531471	65.88	IV

LEGEND

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

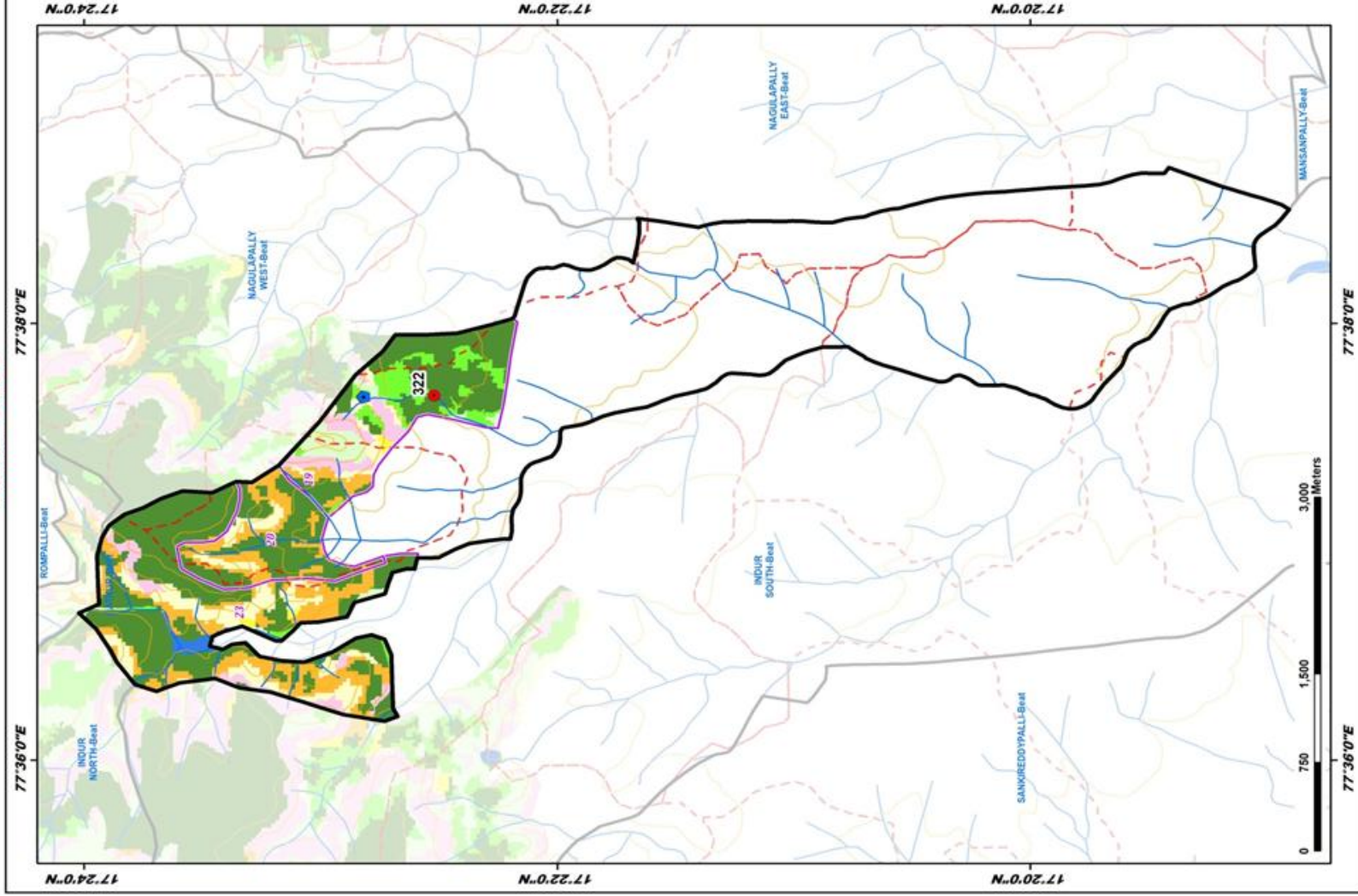
Suitability Index

- 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 Atkur Beat



Division : Vikarabad
Range : Tandur



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
322	17.375376	77.627944	42.91	II

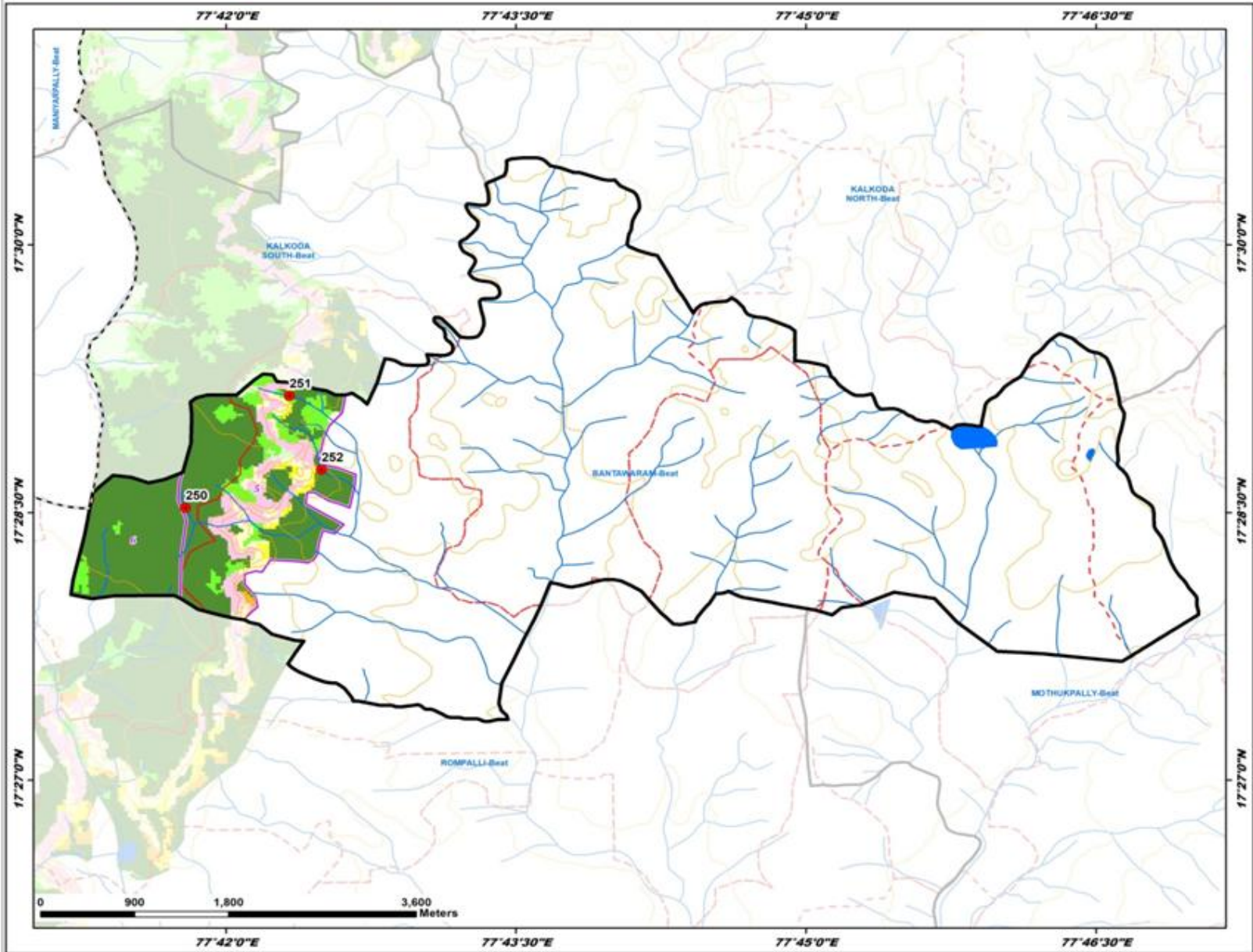
LEGEND

- 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 SGP's - Suitable
 - Not Suitable
 - Water Body

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



Division : Vikarabad
Range : Tandur



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
250	17.475449	77.696515	14.12	I
251	17.485919	77.705461	24.38	I
252	17.479006	77.708237	32.23	II

LEGEND

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

Suitability Index

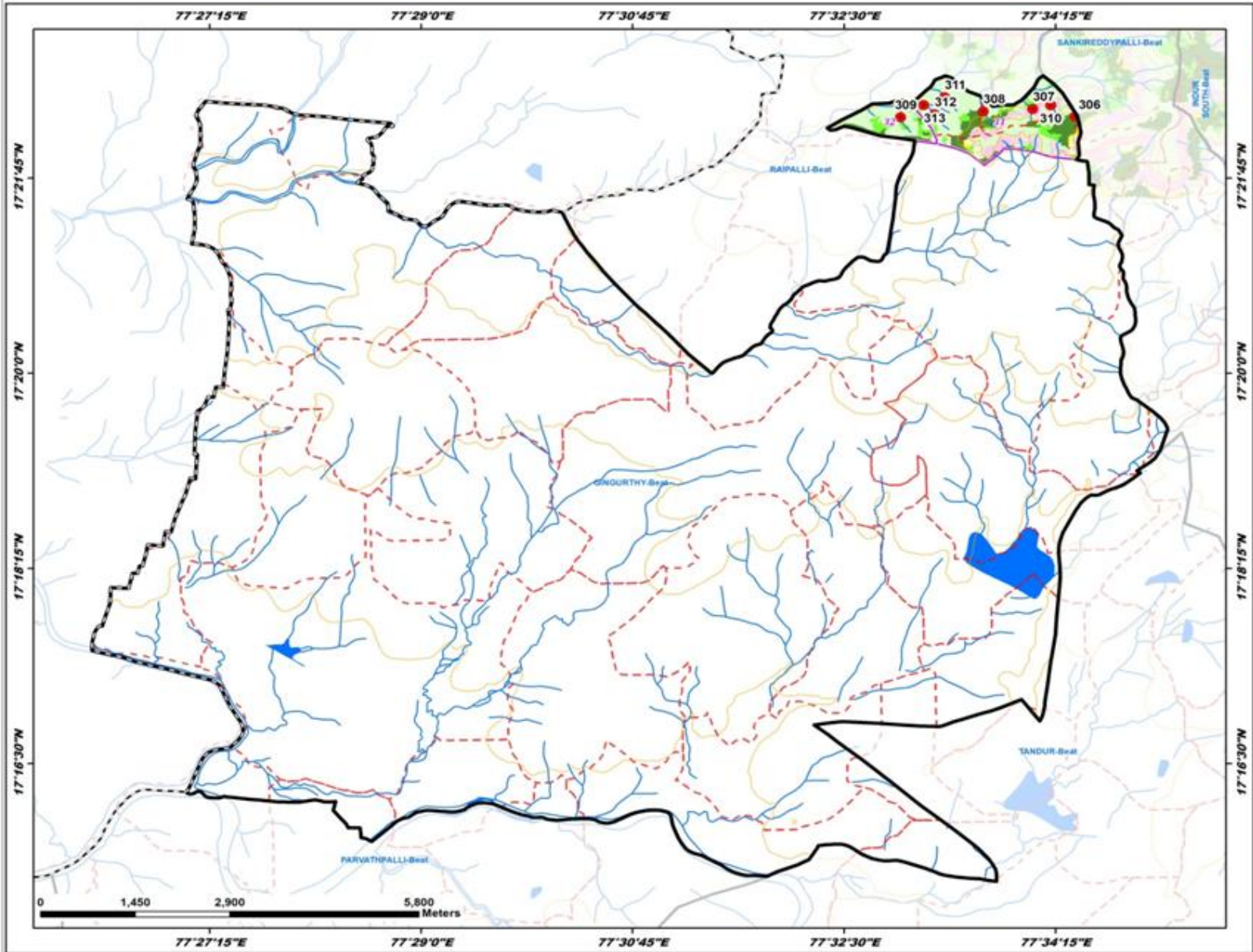
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body



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



Division : Vikarabad
Range : Tandur



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
306	17.371746	77.573587	21.54	I
307	17.372861	77.567708	12.11	IV
308	17.372480	77.560899	18.02	IV
309	17.371656	77.549487	15.01	IV
310	17.373409	77.570223	9.79	IV
311	17.374997	77.555536	8.06	IV
312	17.372099	77.554147	29.50	V
313	17.373452	77.552681	42.28	V

LEGEND

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

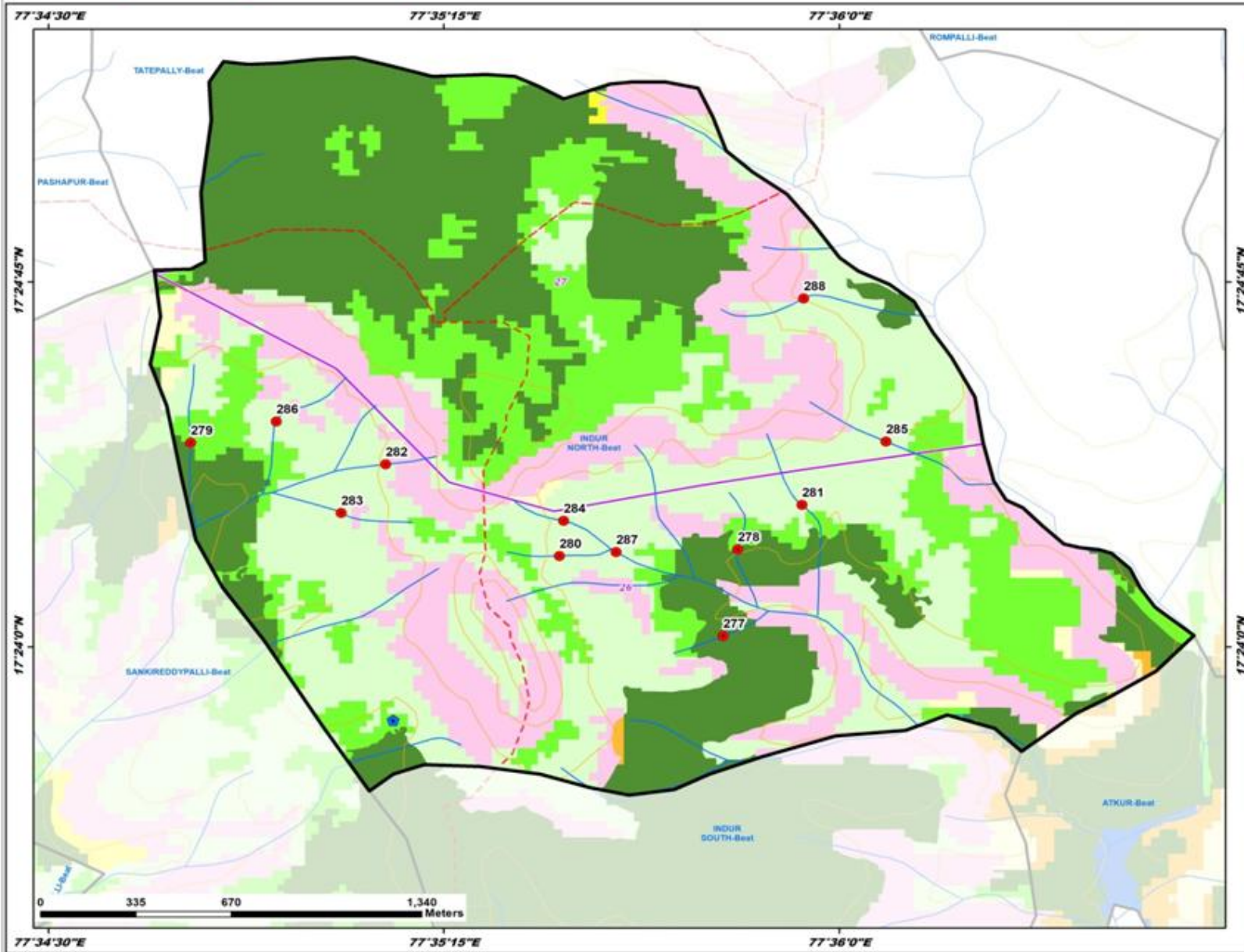
Suitability Index

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

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



Division : Vikarabad
Range : Tandur



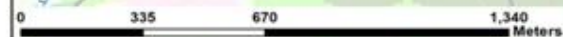
ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
277	17.400376	77.596338	13.60	I
278	17.403342	77.596793	5.99	I
279	17.406990	77.579562	20.76	II
280	17.403119	77.591155	7.14	IV
281	17.404863	77.598828	14.22	IV
282	17.406256	77.585665	7.25	IV
283	17.404586	77.584255	5.45	IV
284	17.404324	77.591288	11.85	IV
285	17.407039	77.601483	8.61	IV
286	17.407723	77.582206	26.12	V
287	17.403251	77.592549	28.20	V
288	17.411937	77.598881	54.15	V

LEGEND

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

Suitability Index

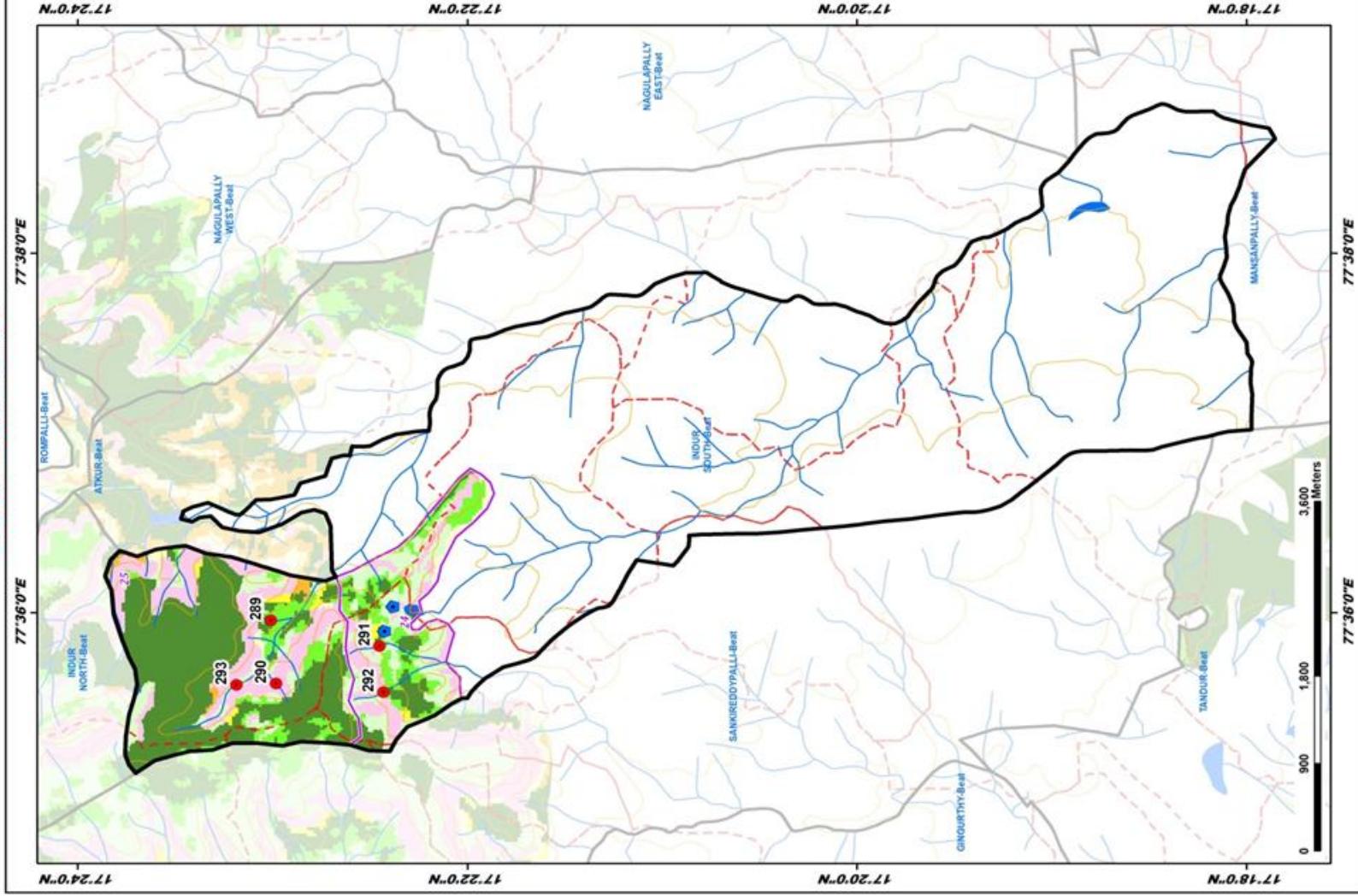
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body



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



Division : Vikarabad
Range : Tandur



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
289	17.383500	77.593336	15.75	I
290	17.383558	77.593474	15.51	IV
291	17.374208	77.596959	14.35	IV
292	17.373862	77.592676	20.58	V
293	17.386438	77.593357	81.51	V

LEGEND

- Proposed PTs
- Existing CD/PTs
- Contours
- Streams

- Watershed Boundary
- Compartment Boundary
- Beat Boundary
- Division Boundary

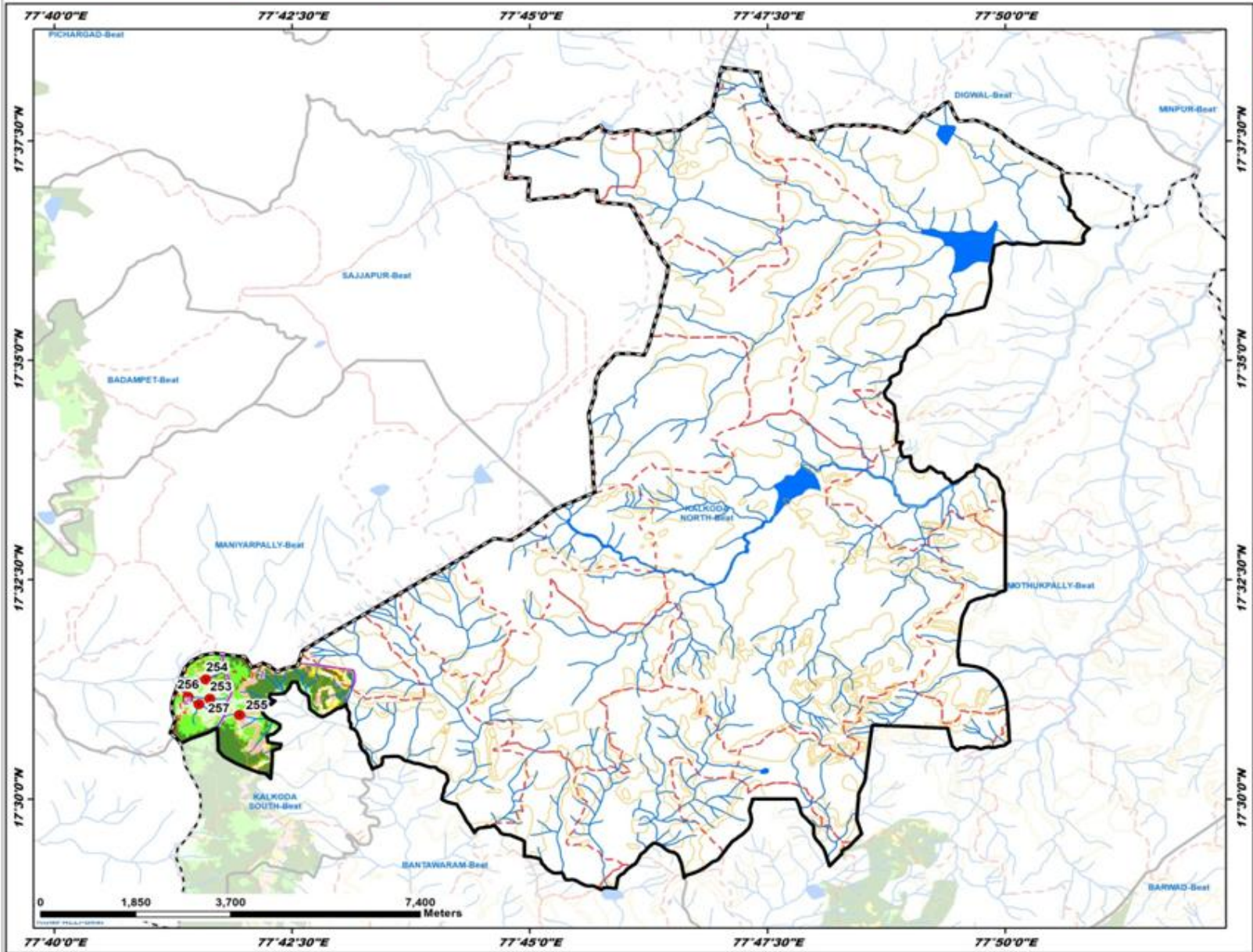
Suitability Index

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

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



Division : Vikarabad
Range : Tandur



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
253	17.518086	77.693958	21.43	IV
254	17.522721	77.693263	20.64	IV
255	17.515982	77.699131	16.09	IV
256	17.519433	77.690146	83.51	V
257	17.518034	77.692061	27.55	V

LEGEND

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

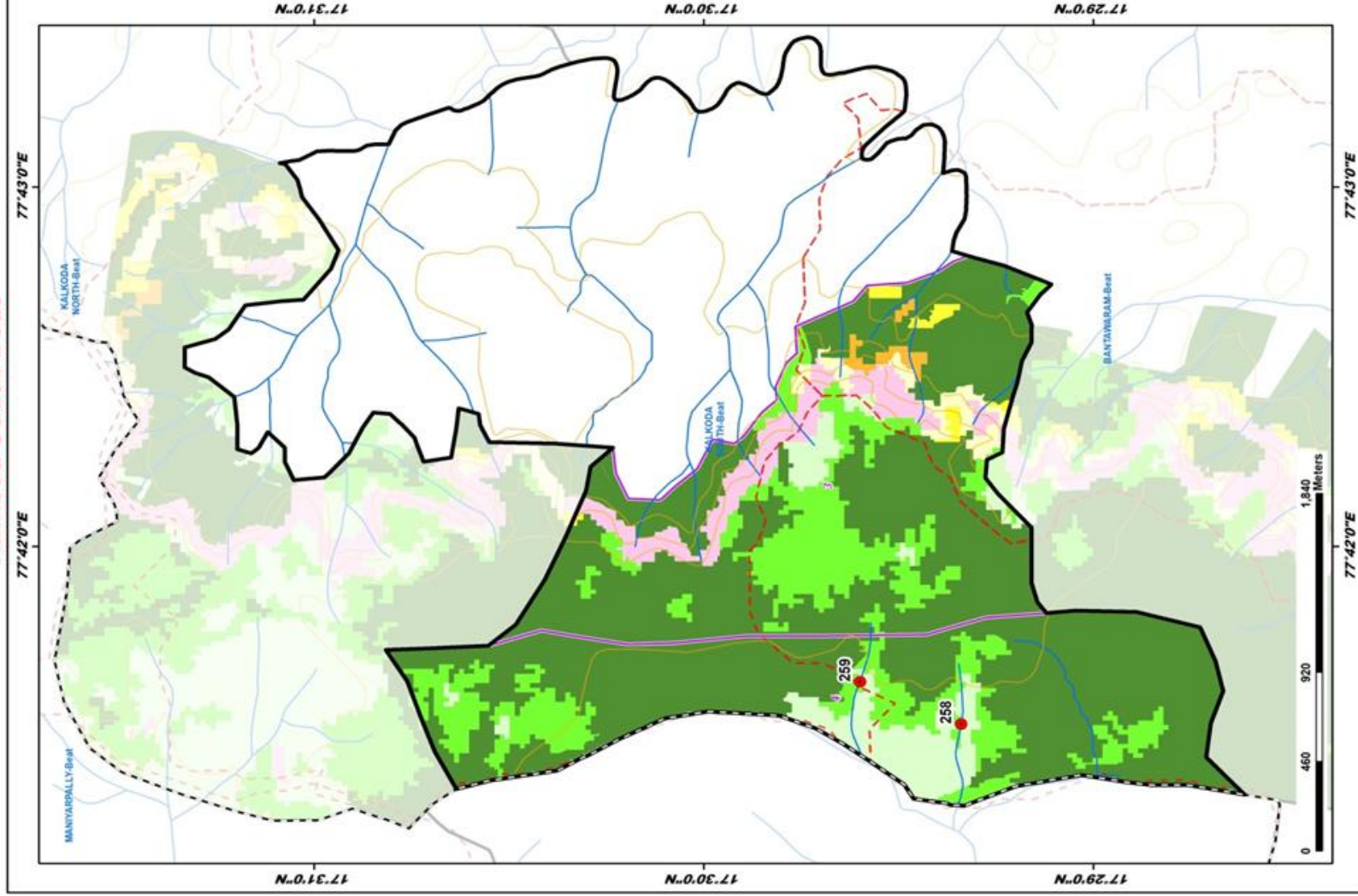
Suitability Index

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

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



Division : Vikarabad
Range : Tandur



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
258	17.48882	77.693794	30.44	III
259	17.49334	77.693749	40.10	V

LEGEND

- Proposed PTs
- Existing CD/PTs

— Contours

— Streams

— Watershed Boundary

— Compartment Boundary

— Beat Boundary

— Division Boundary

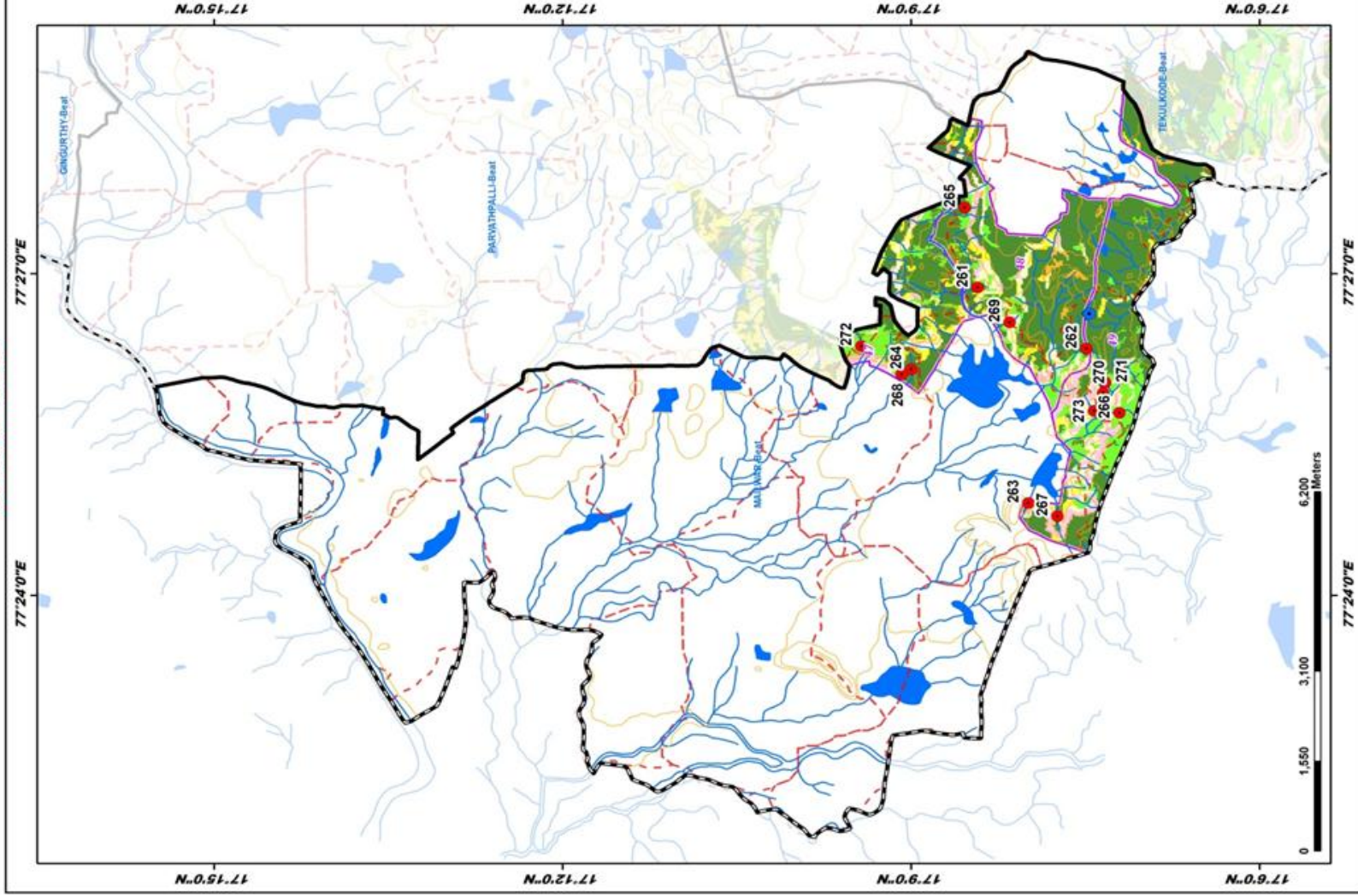
Suitability Index

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

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



Division : Vikarabad
Range : Tandur



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
261	17.140565	77.427895	22.01	I
262	17.124807	77.438398	9.32	I
263	17.133148	77.414380	14.73	I
264	17.149968	77.451575	7.42	I
265	17.142288	77.460289	5.54	I
266	17.120080	77.428224	5.36	II
267	17.126989	77.412362	48.49	II
268	17.151563	77.434406	7.85	II
269	17.139836	77.442483	5.19	II
270	17.122658	77.431477	6.79	II
271	17.122117	77.433131	5.26	II
272	17.157112	77.489765	28.33	III
273	17.123752	77.487716	6.01	IV

LEGEND

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

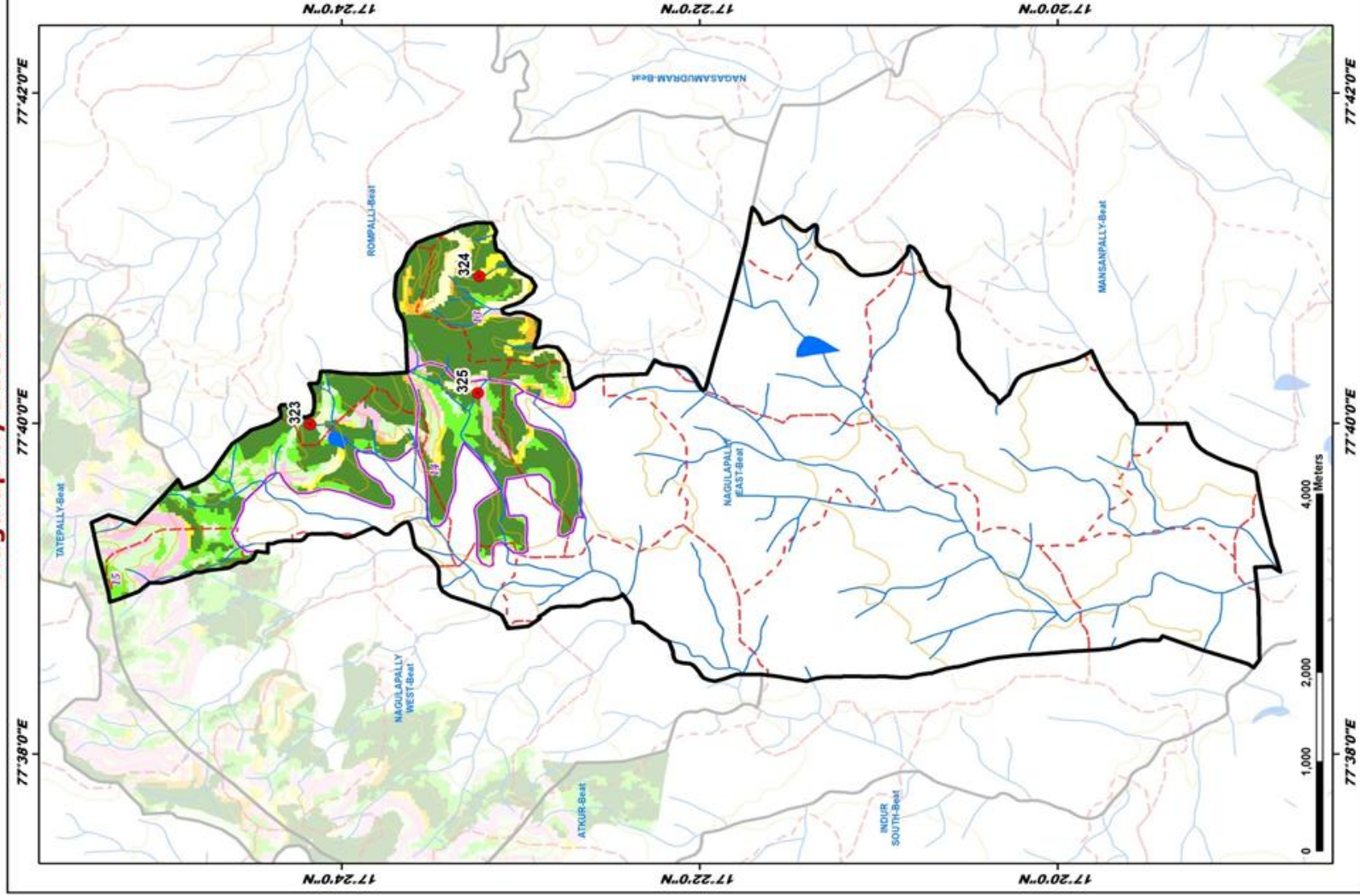
Suitability Index

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

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



Division : Vikarabad
Range : Tandur



LEGEND

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

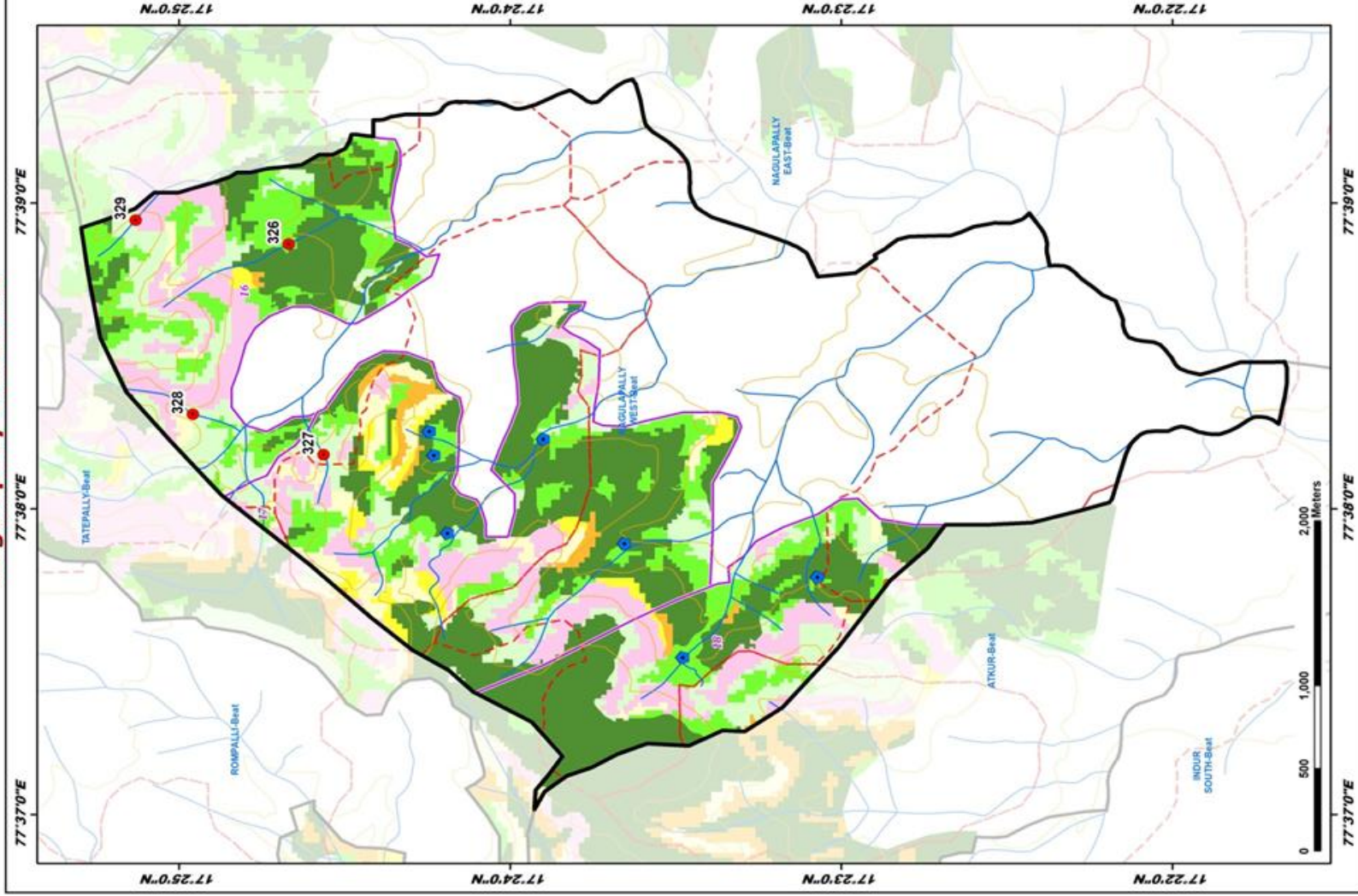
Suitability Index

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

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



Division : Vikarabad
Range : Tandur



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
326	17.411144	77.647776	48.33	III
327	17.409396	77.636296	14.79	IV
328	17.415967	77.638203	34.19	V
329	17.418847	77.649087	35.84	V

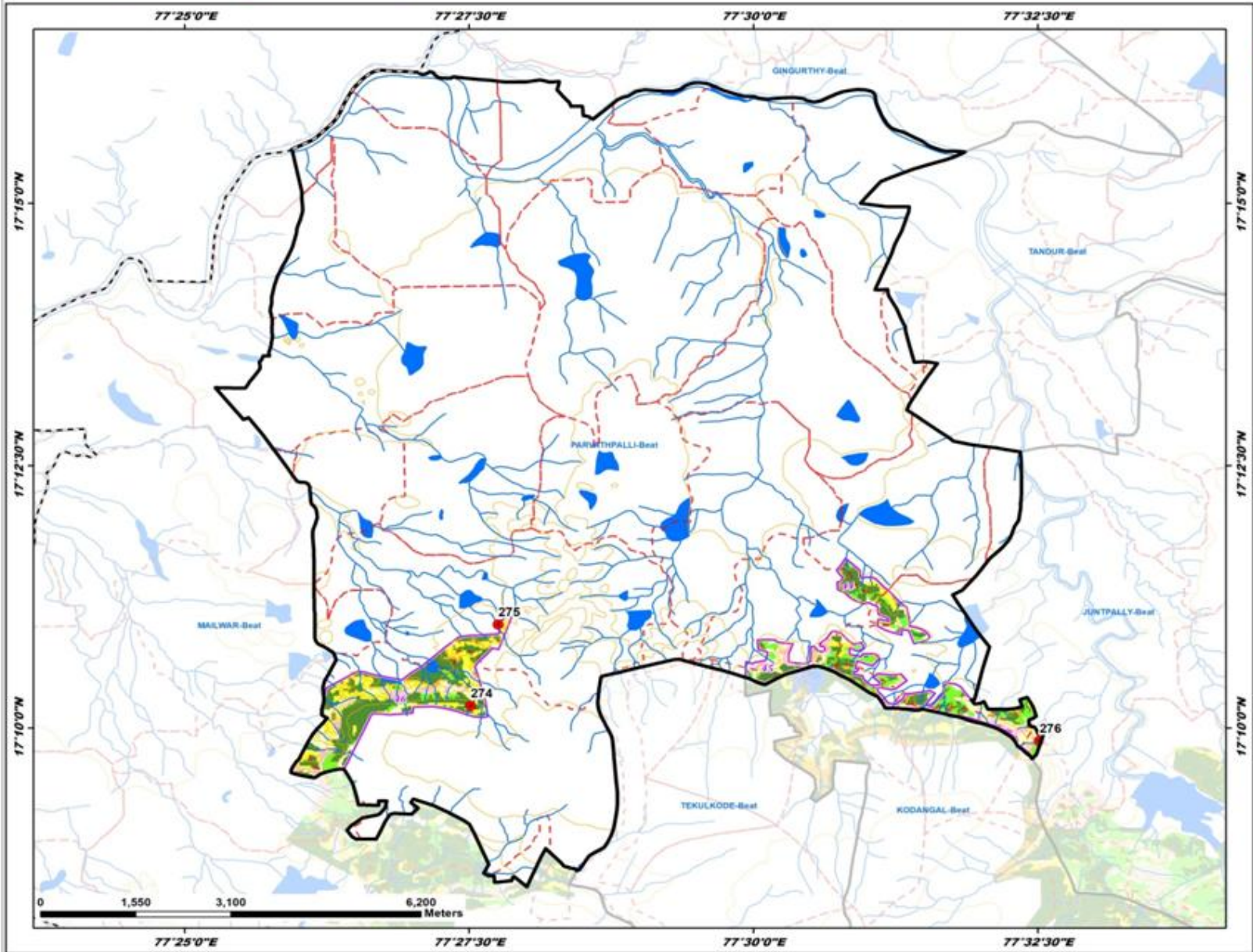
LEGEND

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

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



Division : Vikarabad
Range : Tandur



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
274	17.170240	77.458560	19.94	I
275	17.183340	77.462607	93.88	III
276	17.164651	77.542931	57.05	IV

LEGEND

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

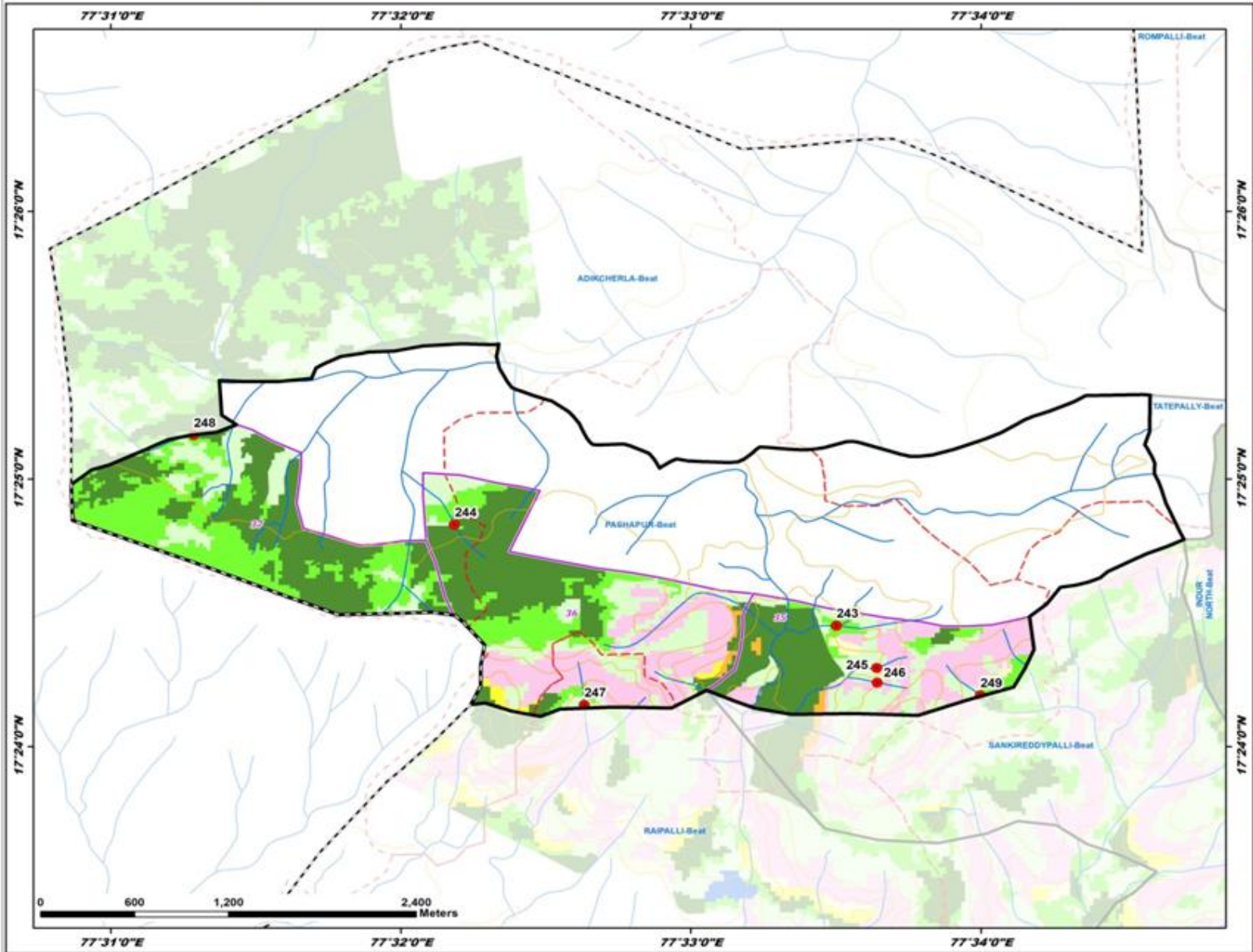
Suitability Index

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

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



Division : Vikarabad
Range : Tandur



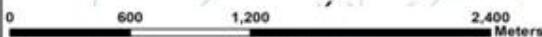
ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
243	17.407534	77.558370	38.94	III
244	17.413824	77.536418	32.45	III
245	17.404906	77.560679	6.80	IV
246	17.403997	77.560719	10.00	IV
247	17.402601	77.543870	18.97	IV
248	17.419408	77.521427	70.19	IV
249	17.403335	77.566639	16.26	IV

LEGEND

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

Suitability Index

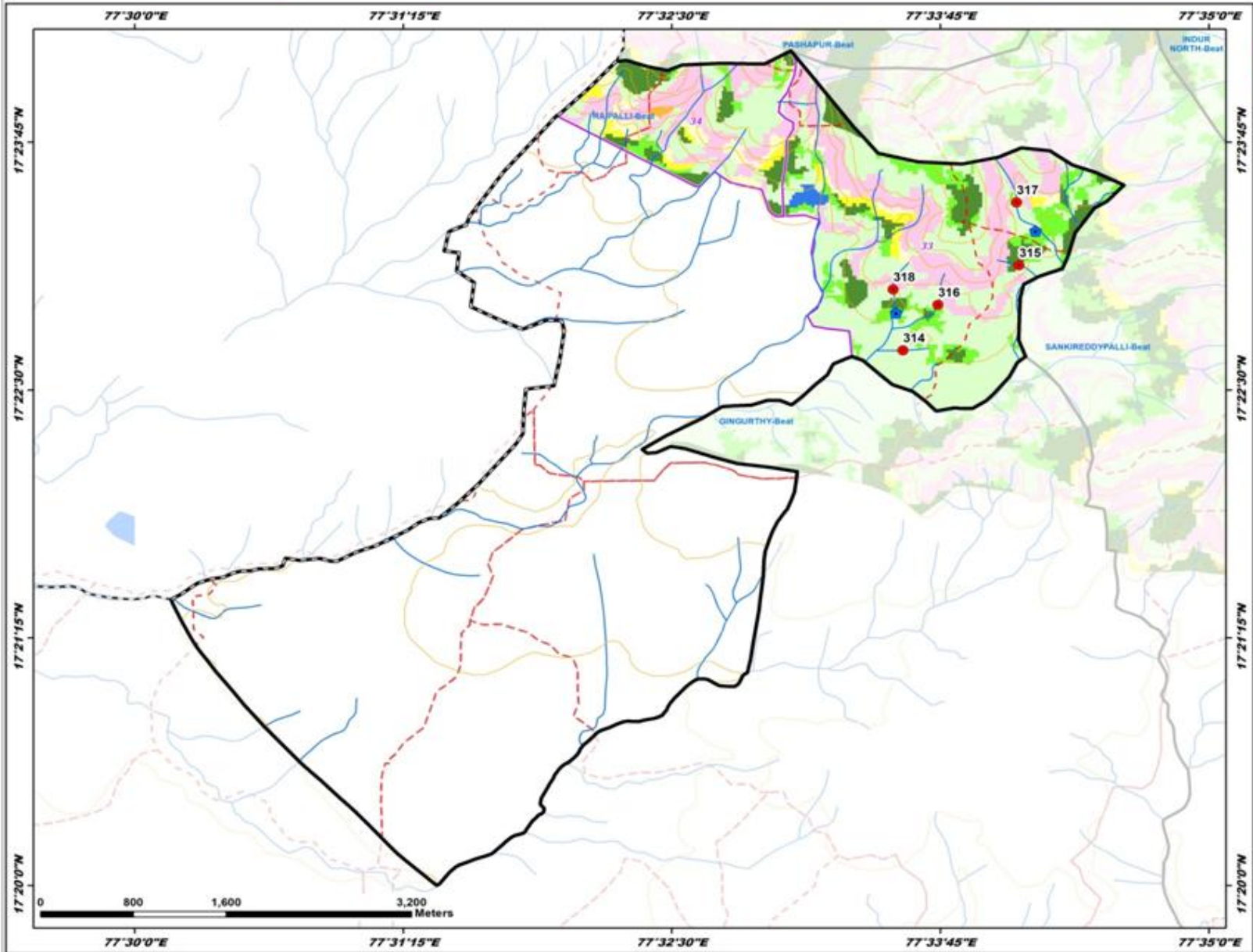
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body



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



Division : Vikarabad
Range : Tandur



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
314	17.378346	77.559607	17.55	IV
315	17.385488	77.568617	10.59	IV
316	17.382176	77.562394	16.18	IV
317	17.390770	77.568441	68.86	IV
318	17.389454	77.558860	8.37	IV

LEGEND

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

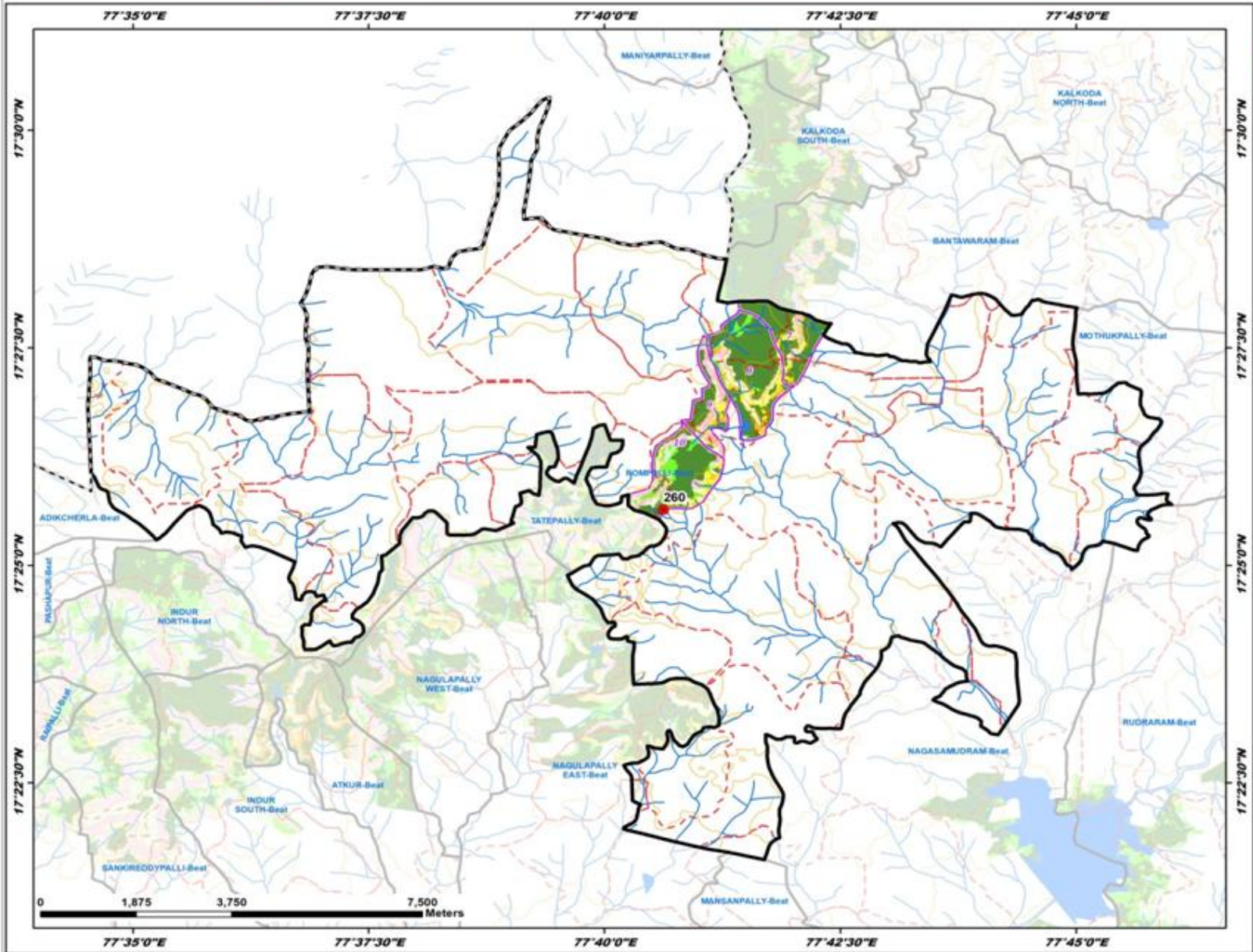
Suitability Index

- 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 Rompalli Beat



Division : Vikarabad
Range : Tandur



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
260	17.427346	77.677107	75.36	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



77°35'0"E 77°37'30"E 77°40'0"E 77°42'30"E 77°45'0"E

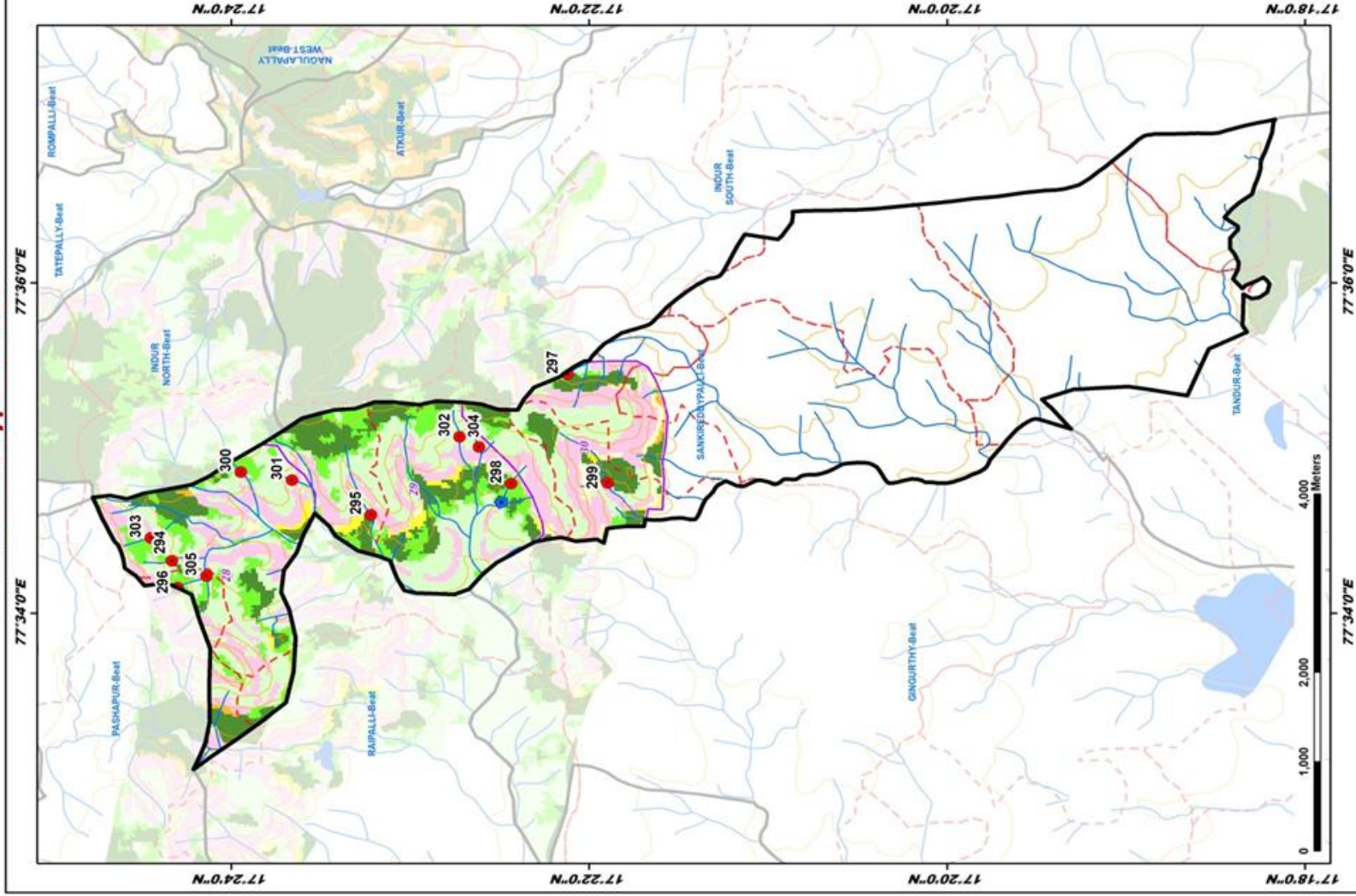
17°30'0"N
17°27'30"N
17°25'0"N
17°22'30"N

17°30'0"N
17°27'30"N
17°25'0"N
17°22'30"N

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



Division : Vikarabad
Range : Tandur



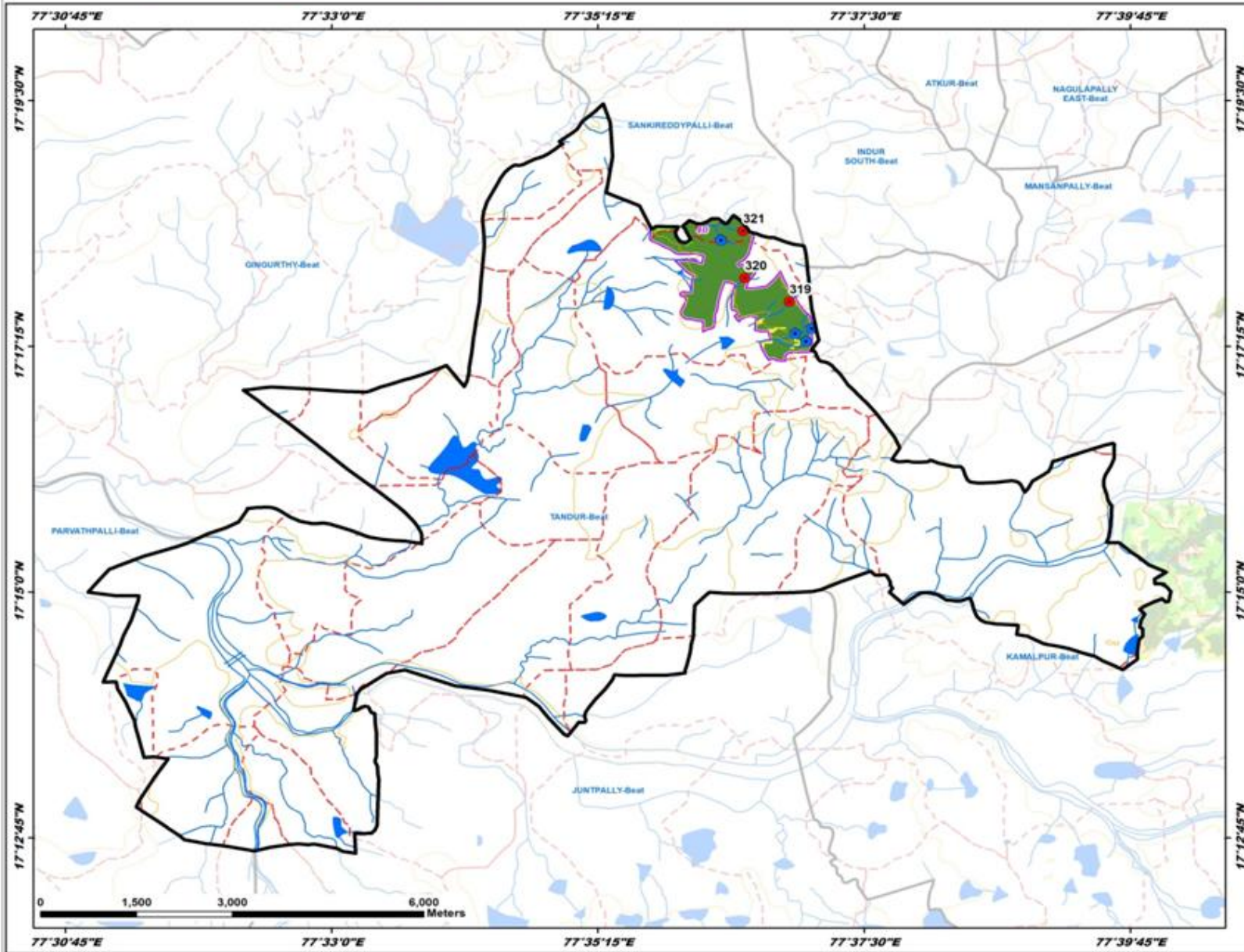
LEGEND

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

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



Division : Vikarabad
Range : Tandur



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
319	17.294338	77.614460	19.50	I
320	17.297928	77.608202	35.59	II
321	17.305111	77.607940	59.11	III

LEGEND

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

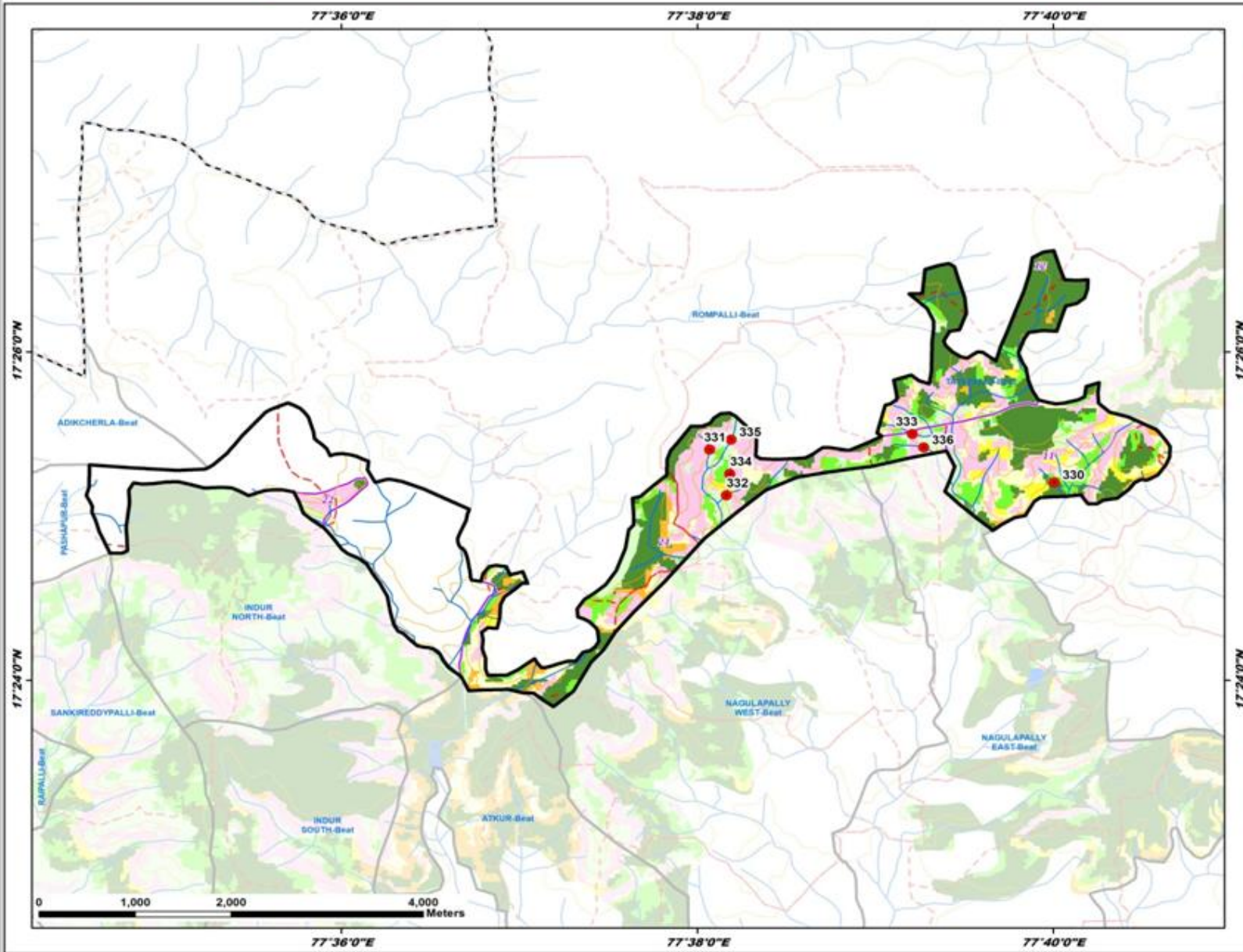
Suitability Index

- 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 Tatepally Beat



Division : Vikarabad
Range : Tandur



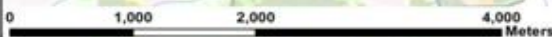
ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
330	17.420116	77.660776	14.05	I
331	17.423433	77.634485	10.08	IV
332	17.418797	77.630664	21.81	IV
333	17.425021	77.653469	8.32	IV
334	17.420989	77.636380	9.09	IV
335	17.424458	77.636494	15.92	IV
336	17.423668	77.654544	5.90	IV

LEGEND

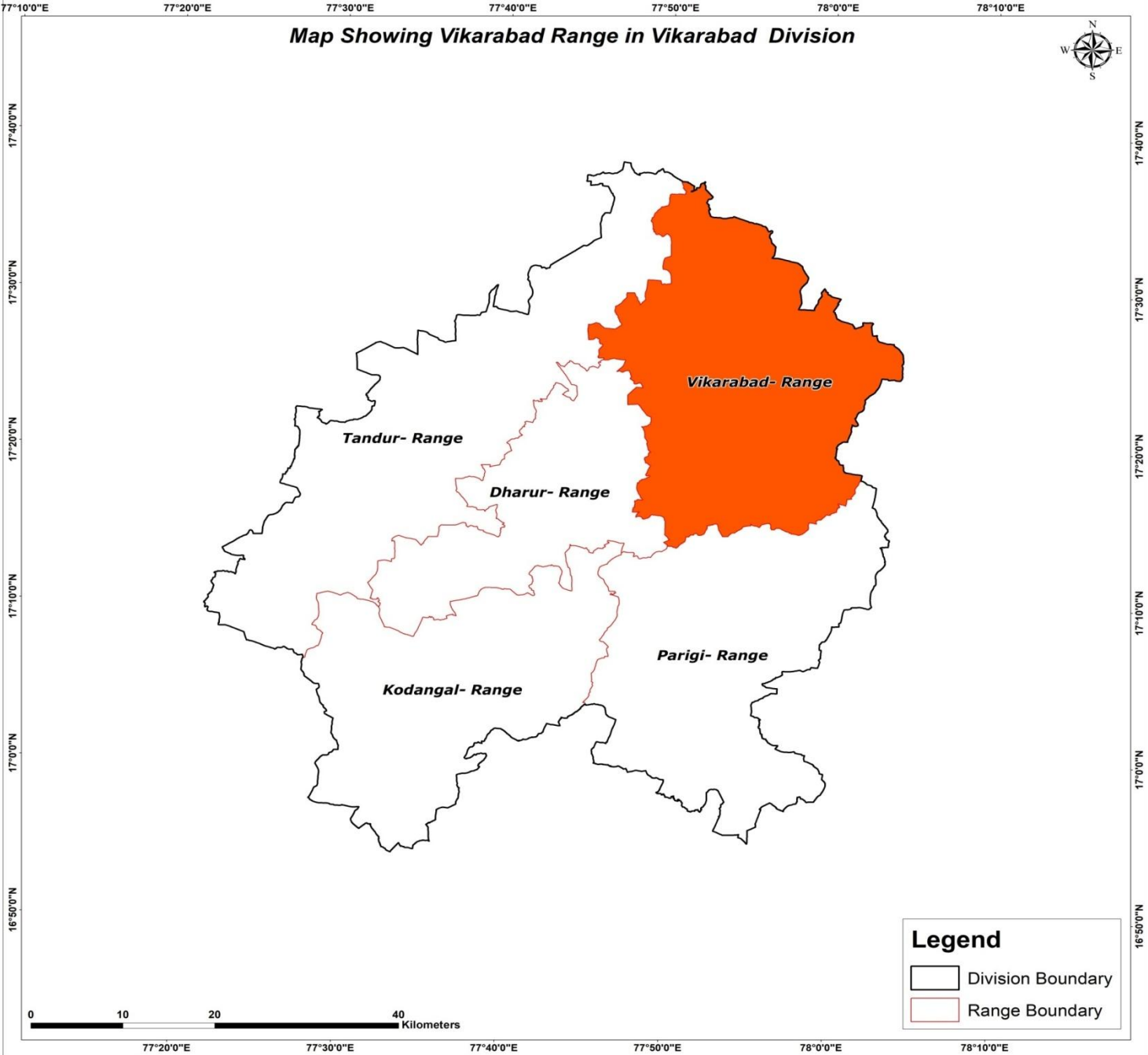
- Proposed PTs
- Existing CD/PTs
- Contours
- Streams
- - - Watershed Boundary
- ▭ Compartment Boundary
- ▭ Beat Boundary
- - - Division Boundary

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

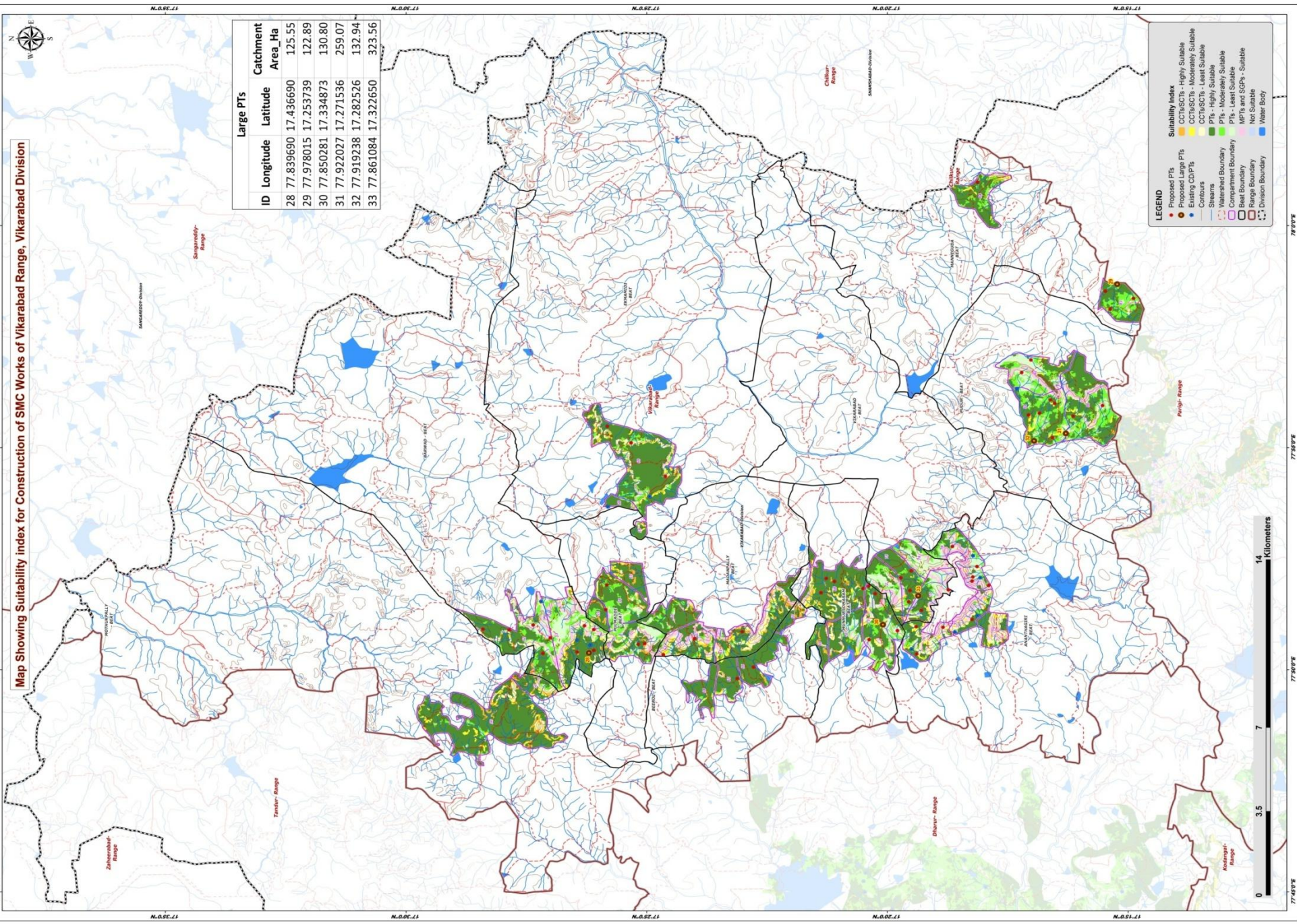


Map Showing Vikarabad Range in Vikarabad Division



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

77.497E 77.507E 77.517E 77.527E 77.537E 77.547E



Large PTs			
ID	Longitude	Latitude	Catchment Area Ha
28	77.839690	17.436690	125.55
29	77.978015	17.253739	122.89
30	77.850281	17.334873	130.80
31	77.922027	17.271536	259.07
32	77.919238	17.282526	132.94
33	77.861084	17.322650	323.56

LEGEND

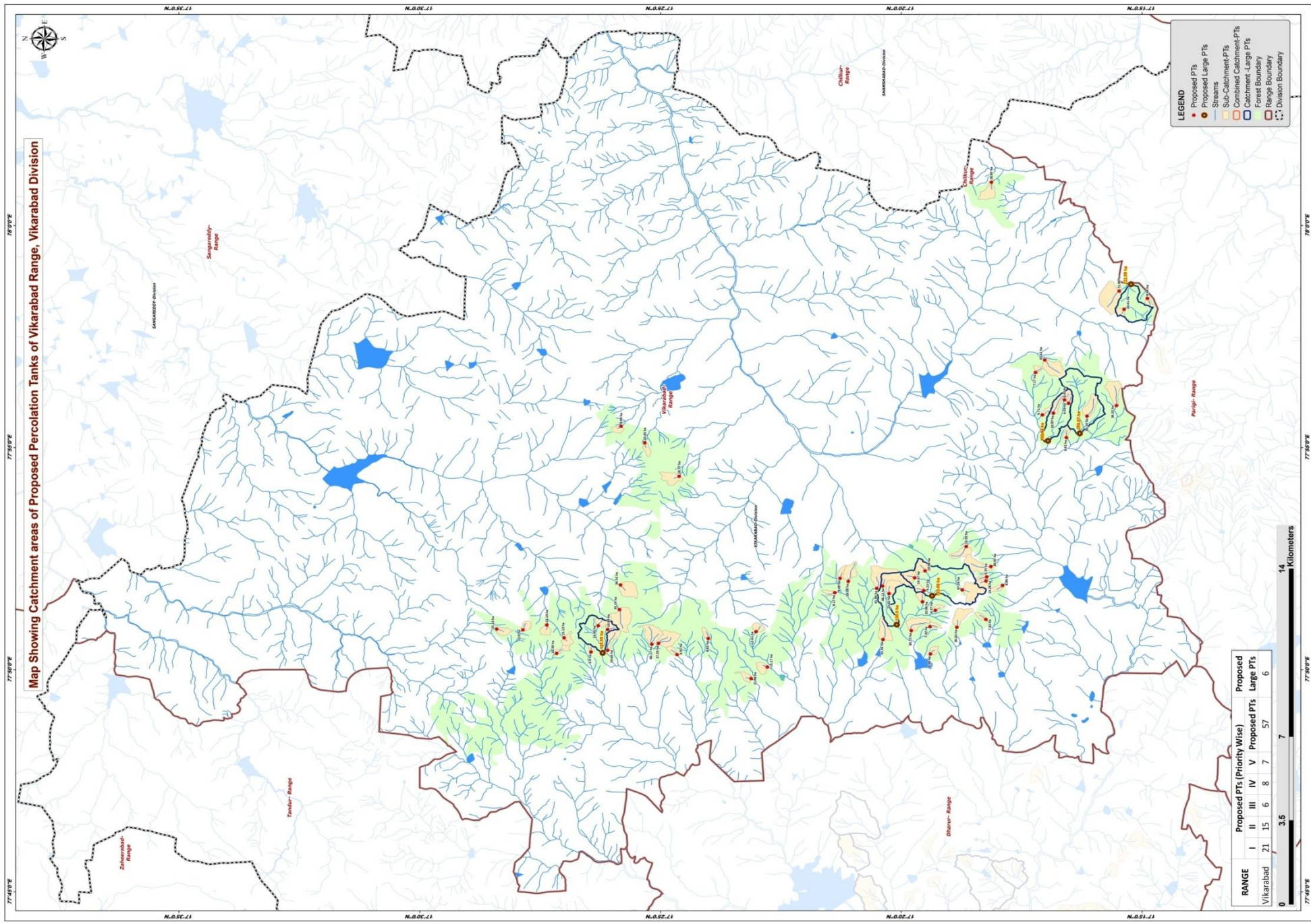
- Proposed PTs
- Proposed Large PTs
- Existing CDPTs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beet Boundary
- Range Boundary
- Division Boundary
- Water Body

Suitability Index

- CC%SCTs - Highly Suitable
- CC%SCTs - Moderately Suitable
- CC%SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPt - Suitable
- MPTs and SGPt - Not Suitable



77.497E 77.507E 77.517E 77.527E 77.537E 77.547E



Beat wise Abstract of Proposed PT's – Vikarabad Range

S. No.	Beat	Proposed PT's
1	ANANTHAGIRI	9
2	BARWAD	9
3	BEEROL	2
4	EKMAMIDI	3
5	MADANPALLY	3
6	MANNEGUDA	4
7	MUNNURSOMARAM	8
8	PUDUR	9
9	PULMADDI	4
10	VIKARABAD	6
	Total	57

List of Proposed PTs – Vikarabad Range

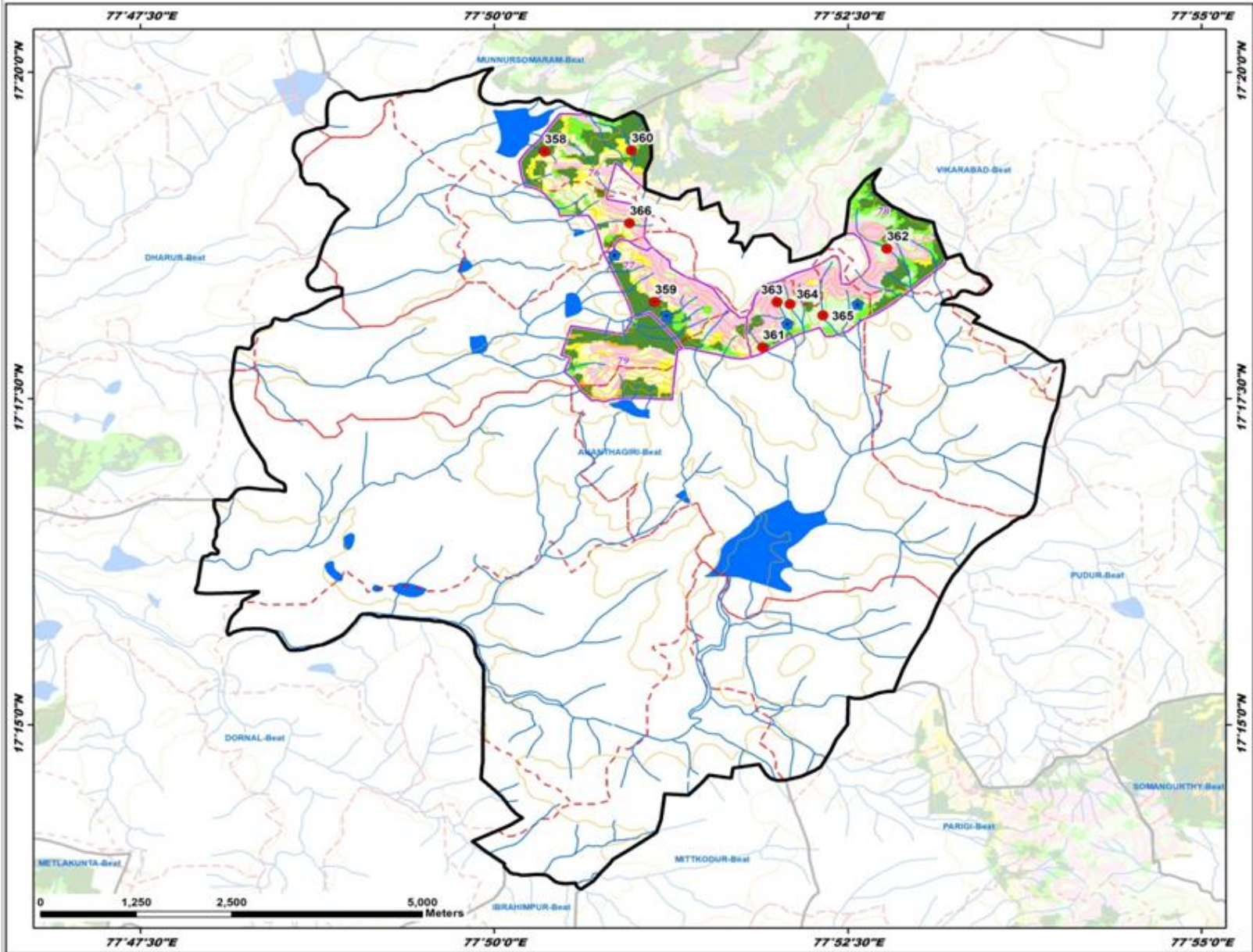
ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat
337	17.430308	77.924704	9.99	I	EKMAMIDI
338	17.422098	77.918510	10.45	II	EKMAMIDI
339	17.410193	77.905924	28.77	III	EKMAMIDI
340	17.417362	77.843235	37.93	II	PULMADDI
341	17.419642	77.842919	40.17	II	PULMADDI
342	17.430499	77.865168	36.52	III	PULMADDI
343	17.430850	77.855907	55.29	III	PULMADDI
344	17.464307	77.848337	11.60	I	BARWAD
345	17.440721	77.839998	5.40	I	BARWAD
346	17.473378	77.848630	15.13	I	BARWAD
347	17.434961	77.840645	24.66	I	BARWAD
348	17.452620	77.839511	10.39	I	BARWAD
349	17.438222	77.849866	13.49	II	BARWAD
350	17.434993	77.848449	10.89	IV	BARWAD
351	17.456010	77.850176	13.19	IV	BARWAD
352	17.450046	77.845341	15.13	IV	BARWAD
353	17.379673	77.834350	15.17	I	BEEROL
354	17.385283	77.830047	11.46	I	BEEROL
355	17.400099	77.845070	8.62	I	MADANPALLY
356	17.383582	77.847651	12.61	I	MADANPALLY
357	17.410946	77.839026	8.92	IV	MADANPALLY
358	17.323217	77.839270	8.98	I	ANANTHAGIRI
359	17.304004	77.852244	7.82	I	ANANTHAGIRI
360	17.323377	77.849509	7.32	II	ANANTHAGIRI
361	17.298222	77.864982	8.86	II	ANANTHAGIRI
362	17.310825	77.879605	23.92	IV	ANANTHAGIRI
363	17.303997	77.866673	13.28	IV	ANANTHAGIRI
364	17.303728	77.868192	6.35	IV	ANANTHAGIRI
365	17.302287	77.872082	39.97	V	ANANTHAGIRI
366	17.314067	77.849286	30.83	V	ANANTHAGIRI
367	17.248117	77.972695	8.44	II	MANNEGUDA
368	17.302107	78.016294	26.87	II	MANNEGUDA
369	17.256174	77.968602	10.41	II	MANNEGUDA
370	17.257878	77.975461	71.98	III	MANNEGUDA
371	17.354521	77.867639	9.49	I	MUNNURSOMARAM
372	17.337545	77.861915	23.82	I	MUNNURSOMARAM
373	17.356306	77.862275	8.17	I	MUNNURSOMARAM
374	17.341766	77.863869	41.94	II	MUNNURSOMARAM
375	17.351639	77.866505	28.08	II	MUNNURSOMARAM
376	17.339832	77.864761	38.13	III	MUNNURSOMARAM

ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat
377	17.339642	77.844656	33.56	V	MUNNURSOMARAM
378	17.329839	77.848034	30.77	V	MUNNURSOMARAM
379	17.284439	77.928978	9.71	I	PUDUR
380	17.275414	77.933345	6.43	I	PUDUR
381	17.276146	77.920443	8.61	II	PUDUR
382	17.280671	77.929632	20.97	II	PUDUR
383	17.276819	77.934603	8.45	II	PUDUR
384	17.269012	77.928514	30.34	III	PUDUR
385	17.286851	77.944908	7.17	IV	PUDUR
386	17.283632	77.949603	43.61	V	PUDUR
387	17.258798	77.932487	36.32	V	PUDUR
388	17.328701	77.867847	19.47	I	VIKARABAD
389	17.325520	77.863085	9.22	I	VIKARABAD
390	17.325076	77.870470	19.98	I	VIKARABAD
391	17.321515	77.855625	6.37	I	VIKARABAD
392	17.325986	77.858855	10.96	II	VIKARABAD
393	17.312196	77.863334	47.24	V	VIKARABAD

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



Division : Vikarabad
Range : Vikarabad



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
358	17.323217	77.839270	8.98	I
359	17.304004	77.852244	7.82	I
360	17.323377	77.849509	7.32	II
361	17.298222	77.864982	8.86	II
362	17.310825	77.879605	23.92	IV
363	17.303997	77.866673	13.28	IV
364	17.303728	77.866192	6.35	IV
365	17.302287	77.872082	39.97	V
366	17.314067	77.849286	30.83	V

LEGEND

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

Suitability Index

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

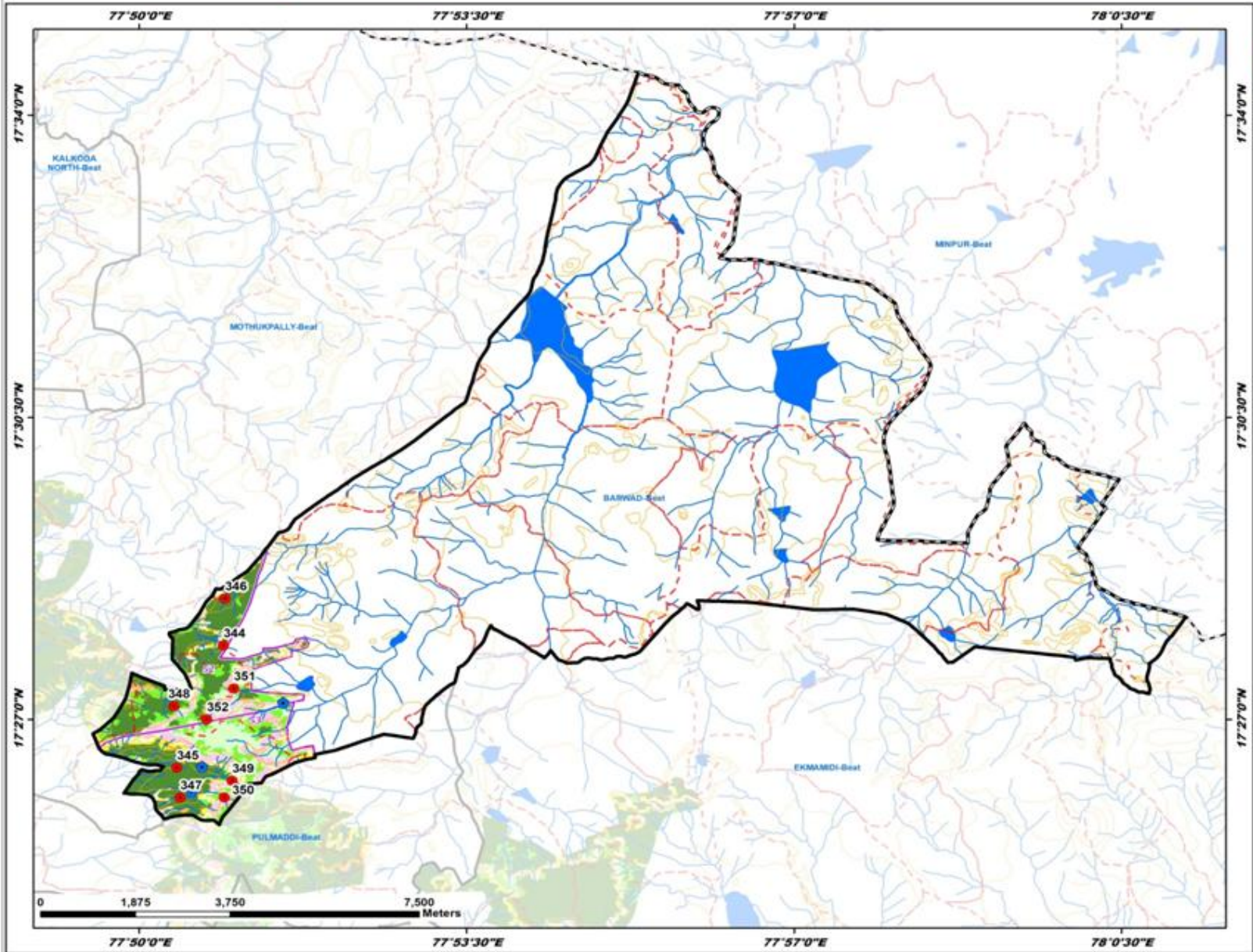


Map coordinates: 77°47'30"E to 77°55'0"E (Longitude) and 17°15'0"N to 17°20'0"N (Latitude).

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



Division : Vikarabad
Range : Vikarabad



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
344	17.464307	77.848337	11.60	I
345	17.440721	77.839998	5.40	I
346	17.473378	77.848630	15.13	I
347	17.434961	77.840645	24.66	I
348	17.452520	77.839511	10.29	I
349	17.438222	77.849666	13.49	II
350	17.434993	77.848449	10.89	IV
351	17.456010	77.850176	13.19	IV
352	17.450046	77.845341	15.13	IV

LEGEND

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

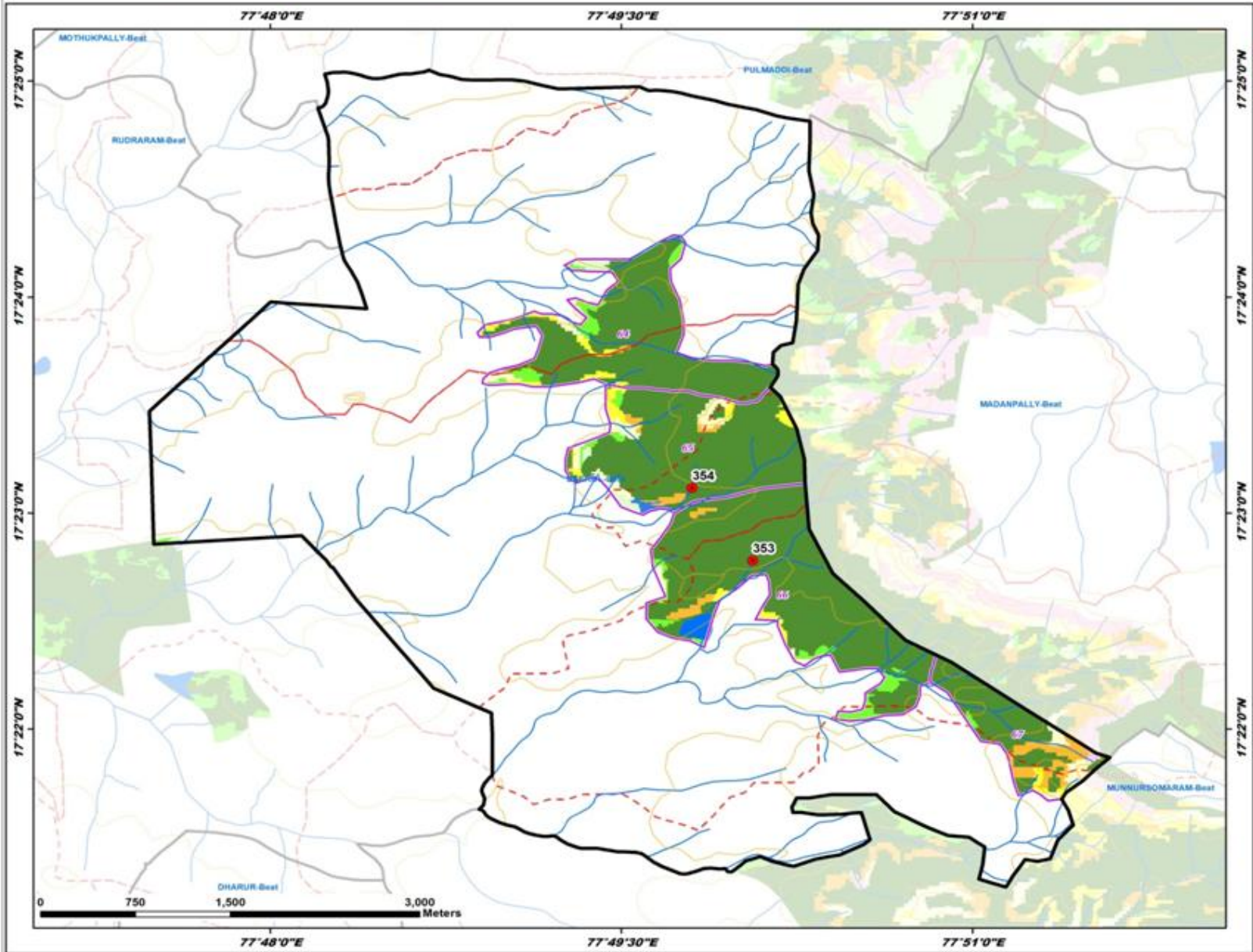
Suitability Index

- 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 Beerol Beat



Division : Vikarabad
Range : Vikarabad



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
353	17.379673	77.834850	15.17	I
354	17.385283	77.830047	11.46	I

LEGEND

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

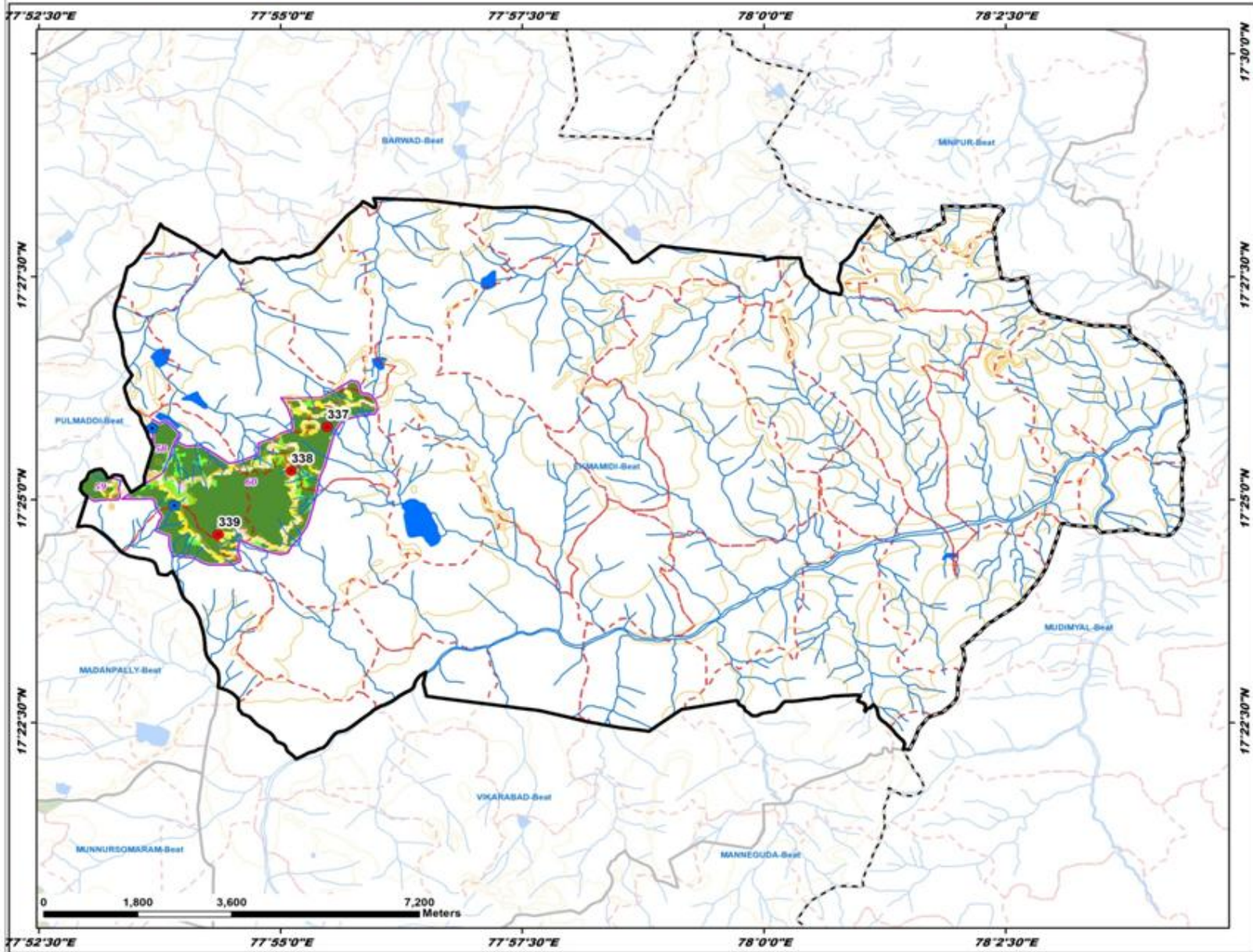
Suitability Index

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

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



Division : Vikarabad
Range : Vikarabad



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
337	17.430308	77.924704	9.99	I
338	17.422098	77.918510	10.45	II
339	17.410193	77.909924	26.77	III

LEGEND

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

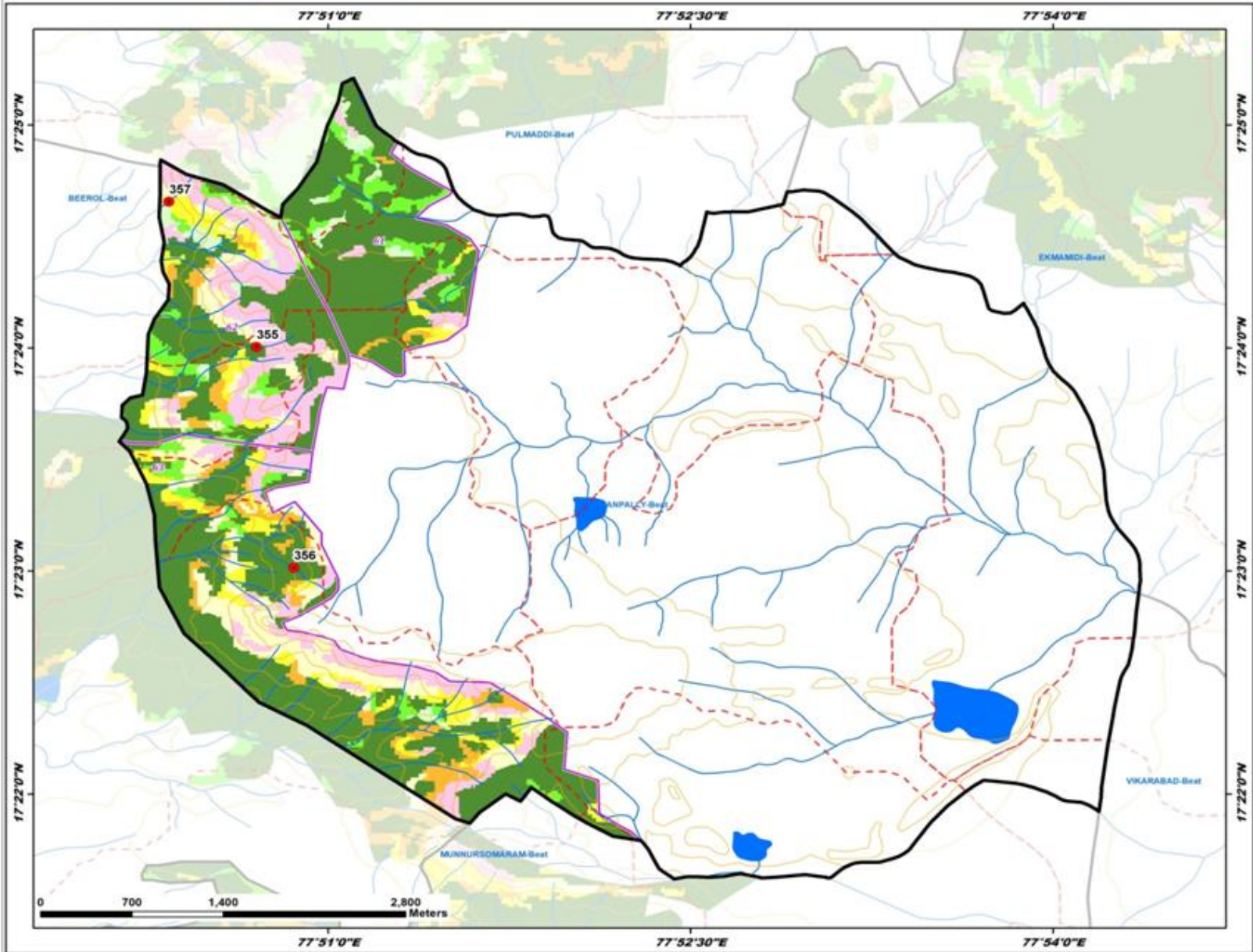
Suitability Index

- 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 Madanpally Beat



Division : Vikarabad
Range : Vikarabad



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
355	17.40099	77.845070	8.62	I
356	17.383582	77.847651	12.61	I
357	17.410946	77.839026	8.92	IV

LEGEND

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

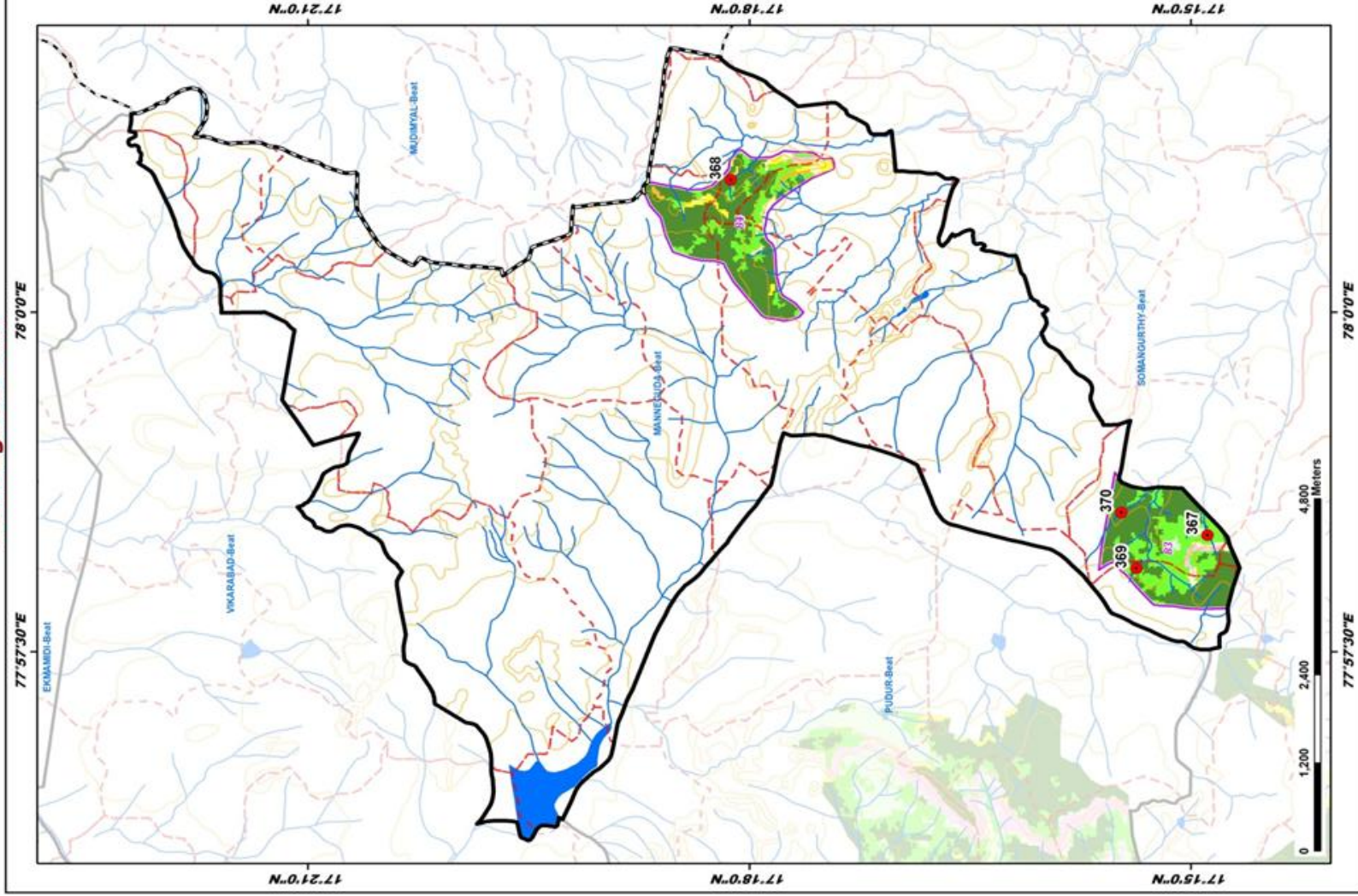
Suitability Index

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

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



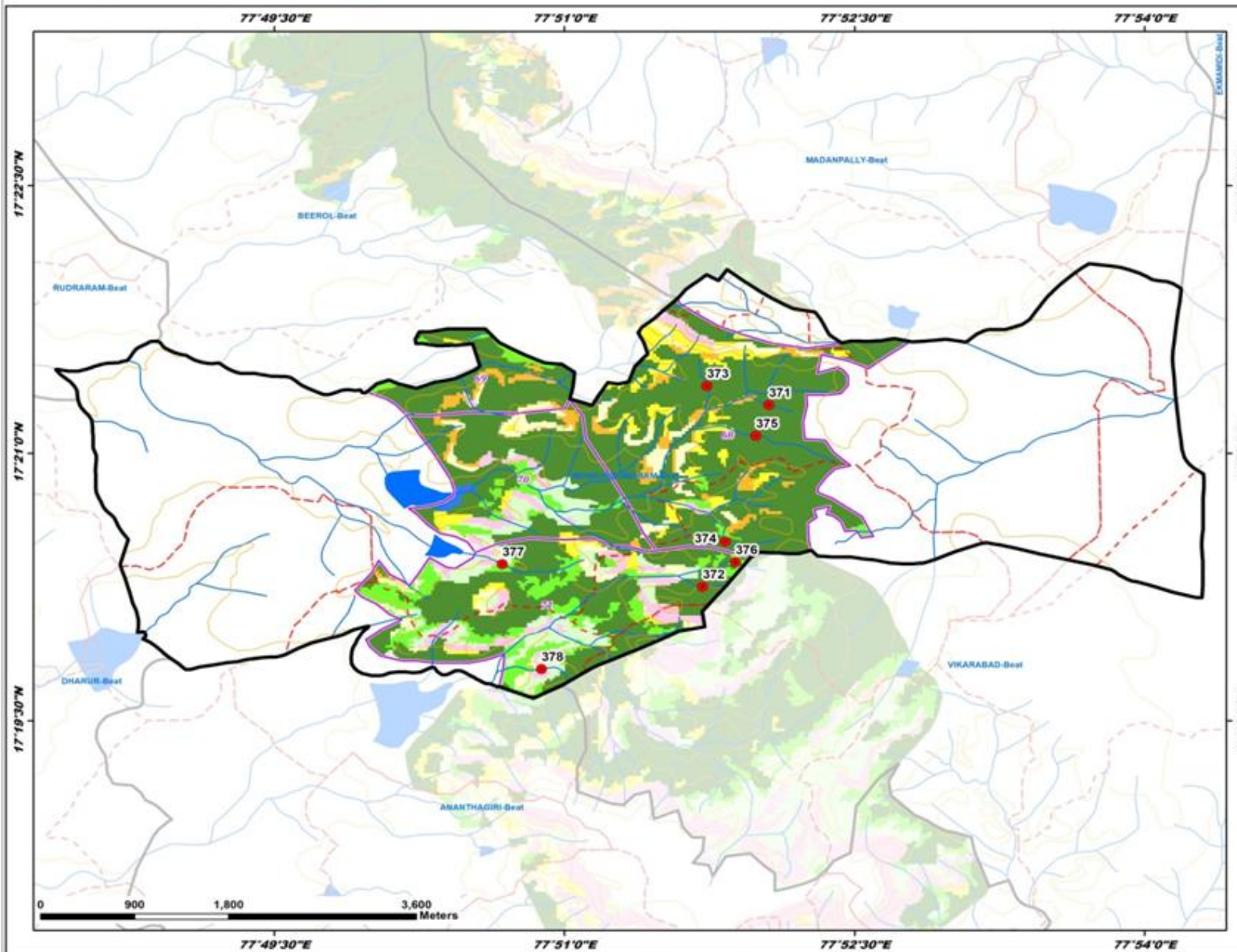
Division : Vikarabad
Range : Vikarabad



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



Division : Vikarabad
Range : Vikarabad



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
371	17.354521	77.867639	9.49	I
372	17.337545	77.861915	23.82	I
373	17.356306	77.862275	8.17	I
374	17.341786	77.863889	41.94	II
375	17.351639	77.866505	28.08	II
376	17.339832	77.864761	38.13	III
377	17.339642	77.846596	33.56	V
378	17.329839	77.848034	30.77	V

LEGEND

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

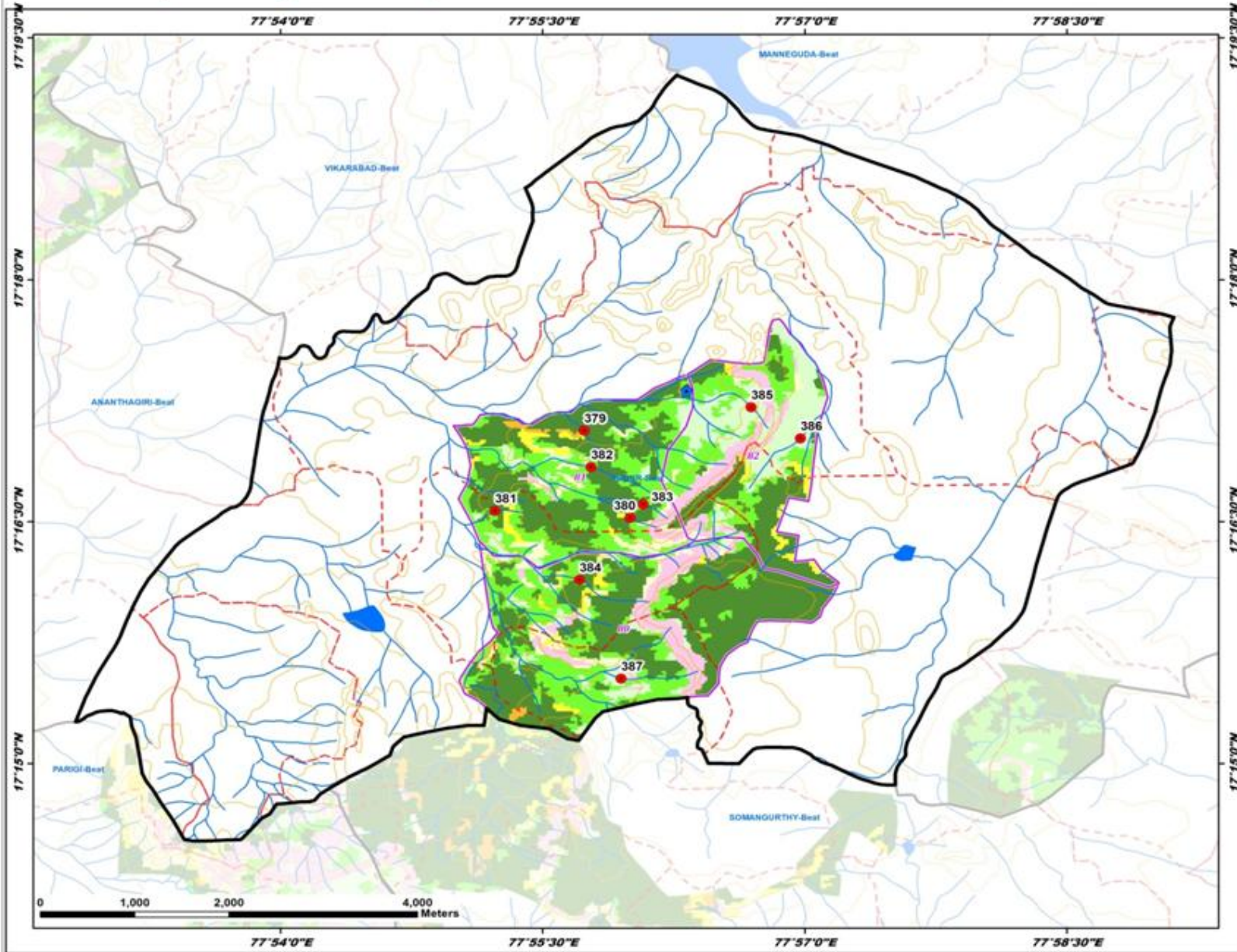
Suitability Index

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

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



Division : Vikarabad
Range : Vikarabad



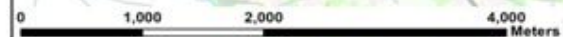
ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
379	17.286439	77.928978	9.71	I
380	17.275414	77.933345	6.43	I
381	17.276146	77.920443	8.61	II
382	17.280671	77.929632	20.97	II
383	17.276819	77.934603	8.45	II
384	17.269012	77.928514	30.34	III
385	17.286851	77.944908	7.17	IV
386	17.283632	77.949603	43.61	V
387	17.258798	77.932487	36.32	V

LEGEND

- Proposed PTs
- Existing CD/PTs
- Contours
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- ▭ Beat Boundary
- - - Division Boundary

Suitability Index

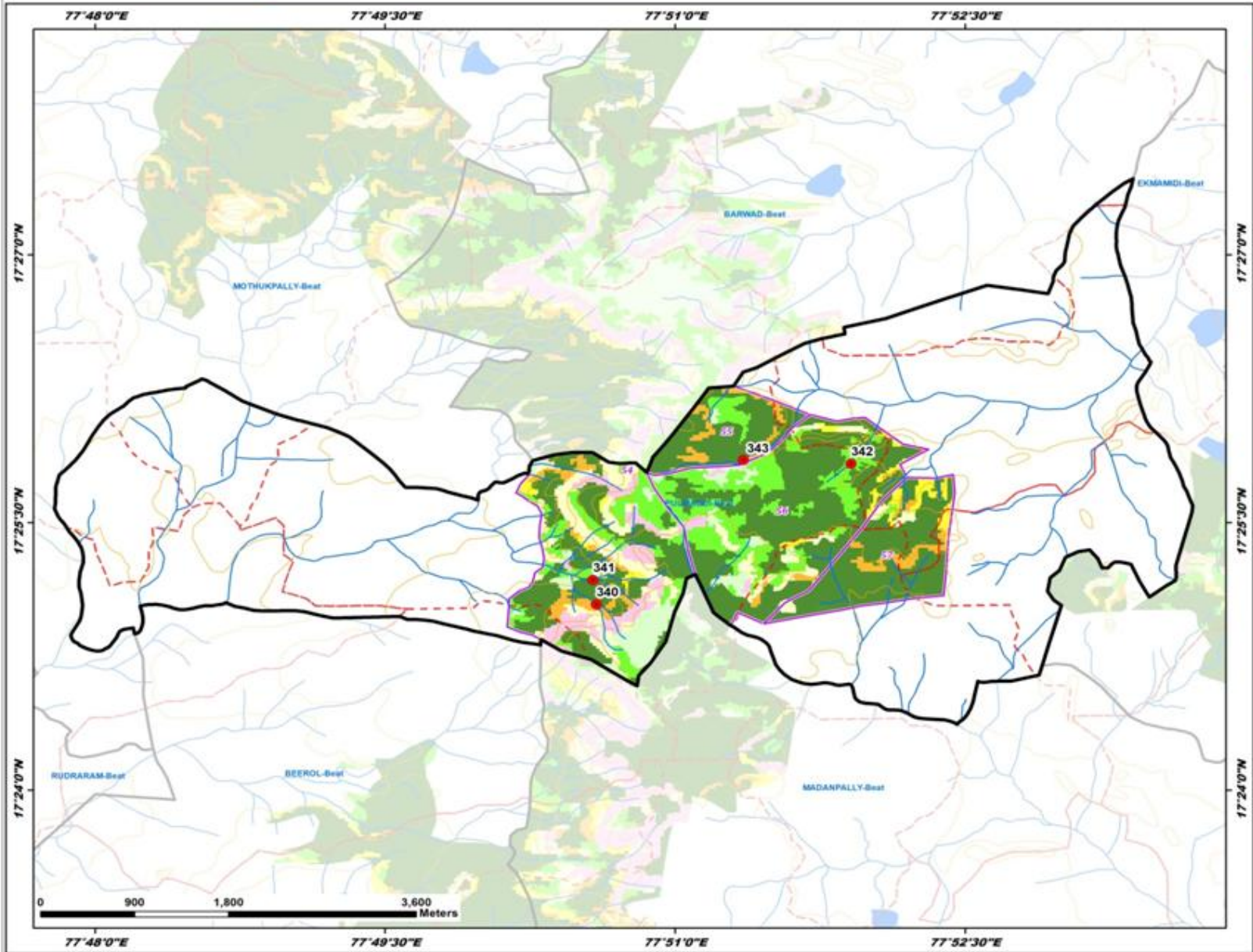
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- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
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- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body



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



Division : Vikarabad
Range : Vikarabad



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
340	17.417362	77.843235	37.93	II
341	17.419542	77.842919	40.17	II
342	17.430499	77.865166	36.52	III
343	17.430850	77.855907	55.29	III

LEGEND

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

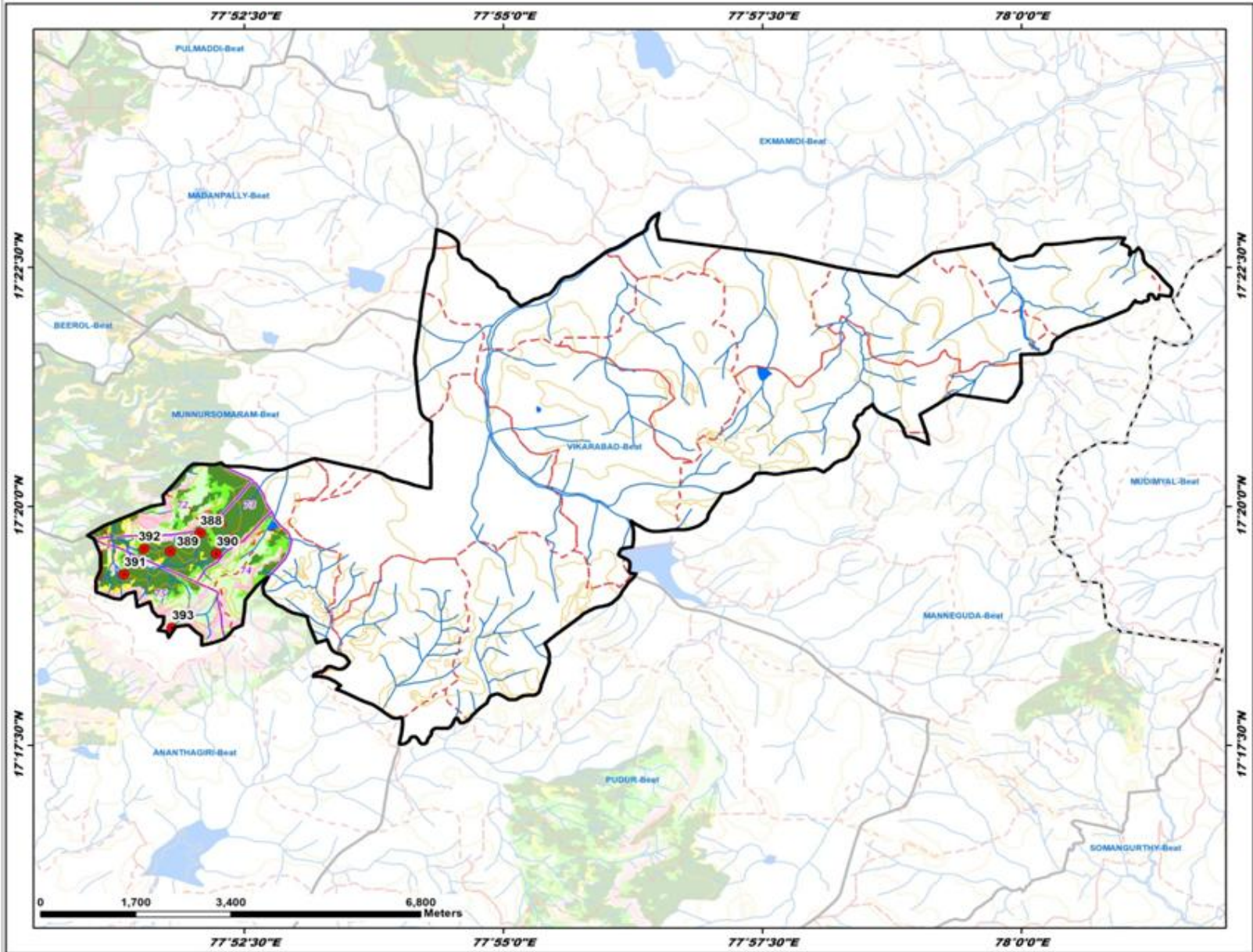
Suitability Index

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

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



Division : Vikarabad
Range : Vikarabad



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
388	17.328701	77.867647	19.47	I
389	17.325520	77.863085	9.22	I
390	17.325076	77.870470	19.98	I
391	17.321515	77.855625	6.37	I
392	17.325986	77.858855	10.96	II
393	17.312196	77.863334	47.24	V

LEGEND

- Proposed PTs
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- ▭ Beat Boundary
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Suitability Index

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- PTs - Highly Suitable
- PTs - Moderately Suitable
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- MPTs and SGPs - Suitable
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- Water Body