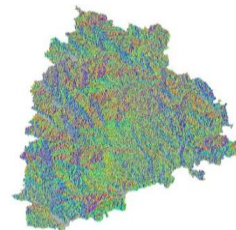
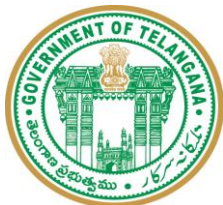
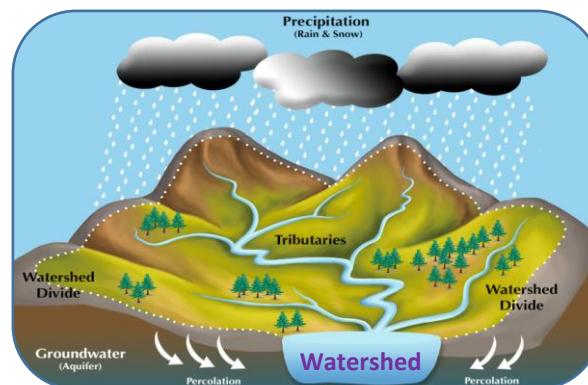


Government of Telangana – Forest Department



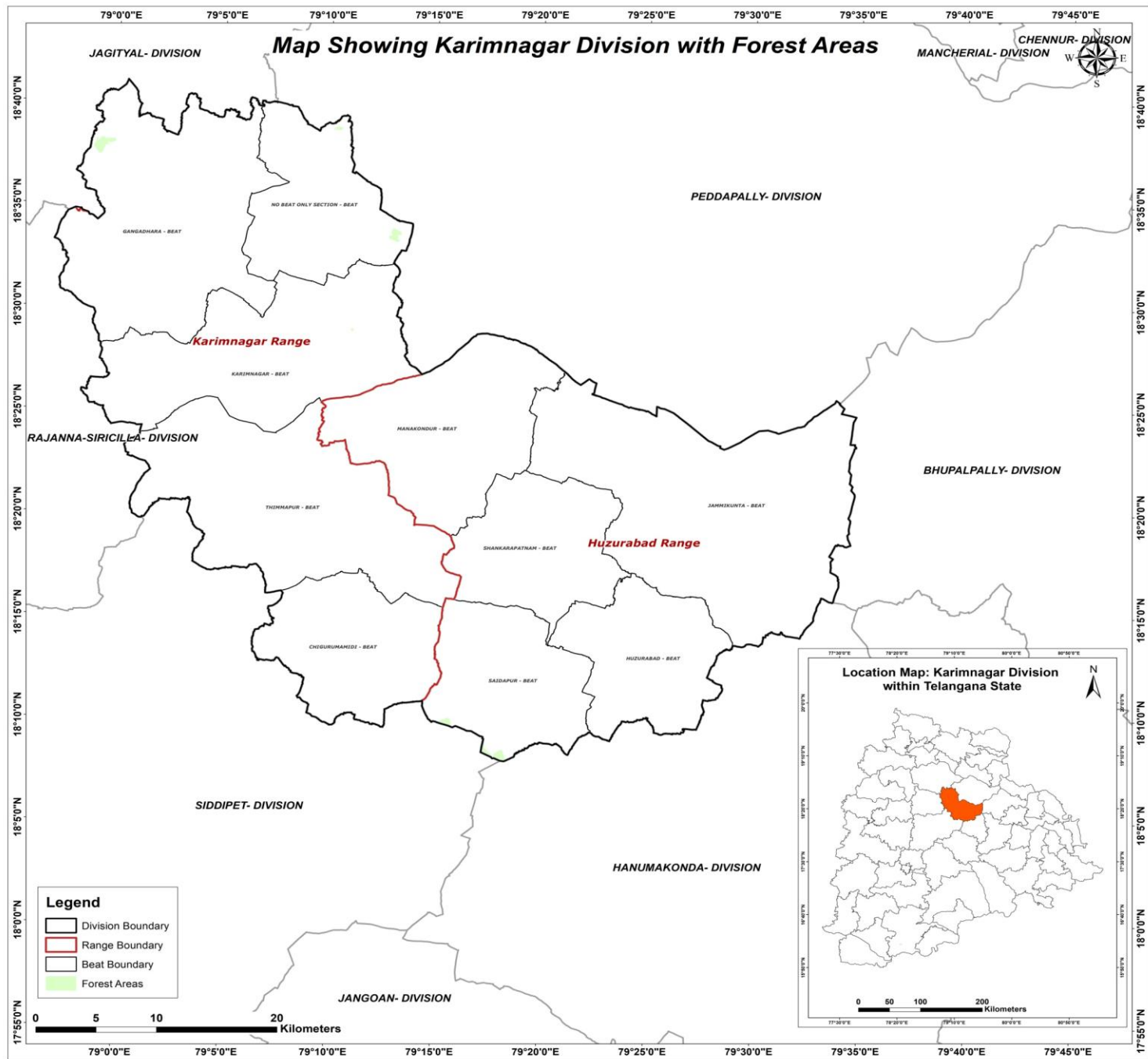
SITE SUITABILITY ANALYSIS FOR WATER HARVESTING STRUCTURES USING REMOTE SENSING & GIS



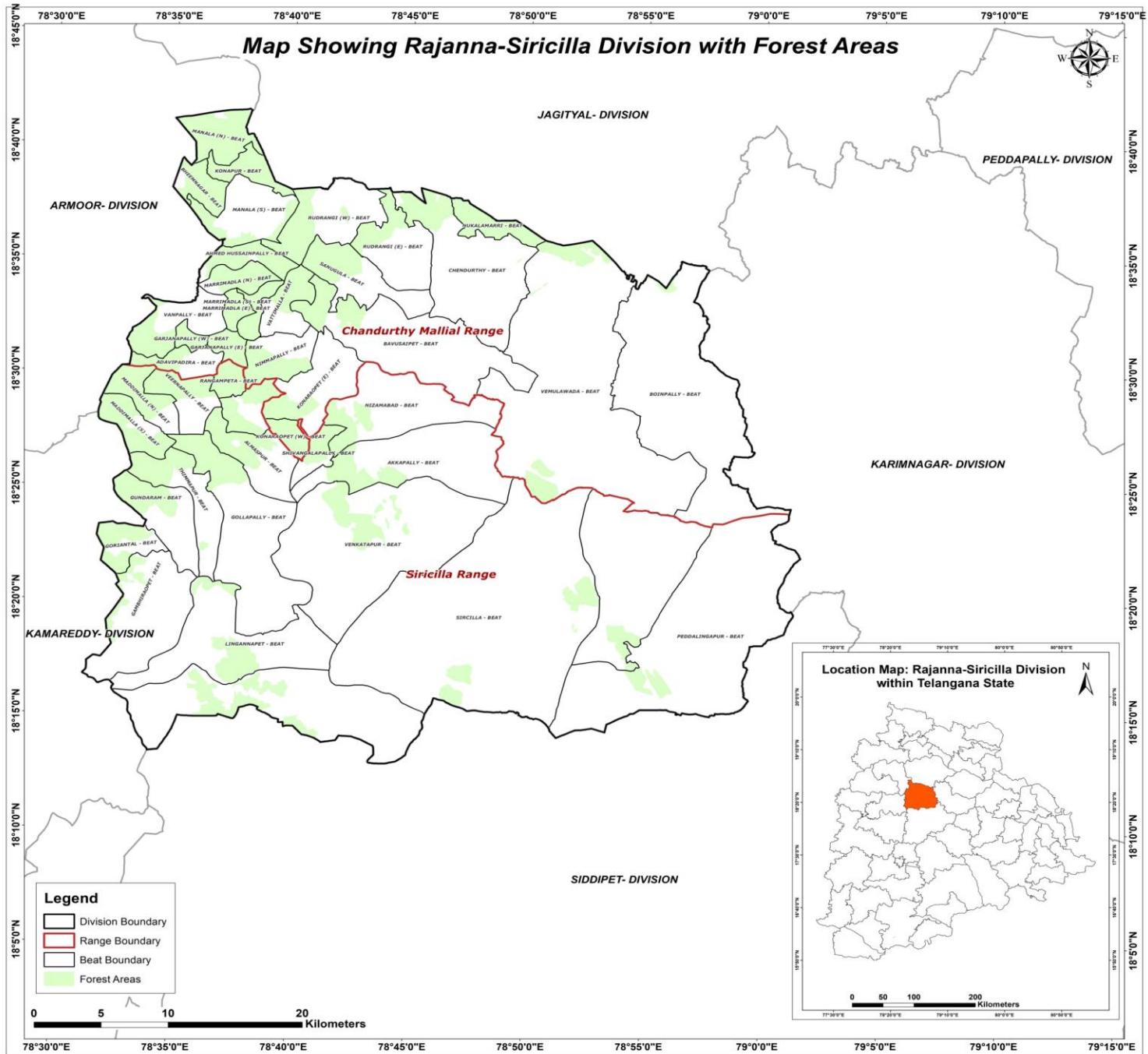
SITE SUITABILITY ANALYSIS FOR WATER HARVESTING STRUCTURES USING REMOTE SENSING & GIS

Circle: Rajanna
District: Karimnagar & Rajanna Siricilla
Division: Karimnagar & Rajanna Siricilla

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



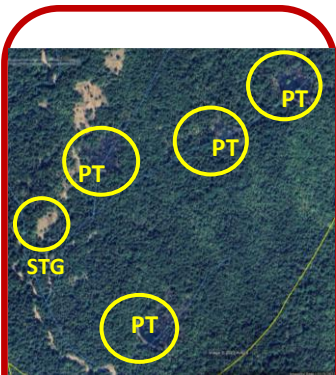
Map Showing Rajanna-Sircilla Division with Forest Areas



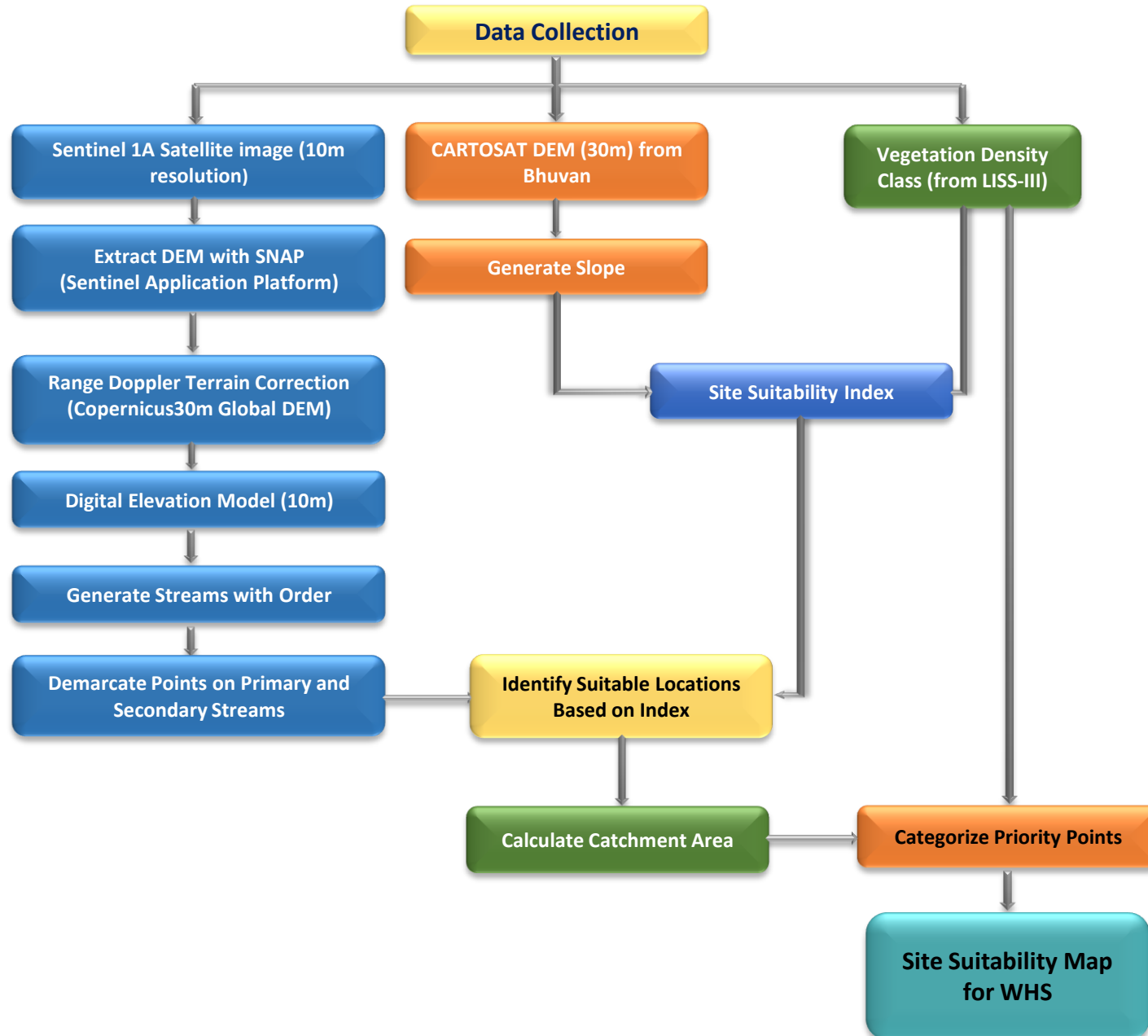
METHODOLOGY

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

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



FLOW CHART FOR METHODOLOGY



Guidelines for building Percolation Tanks:

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



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

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

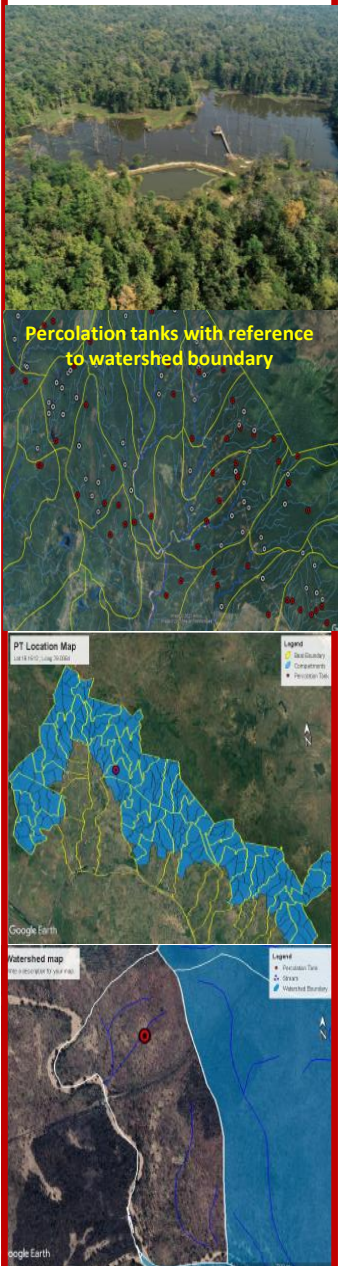
Suitability criteria for Continuous/Staggered contour trenches

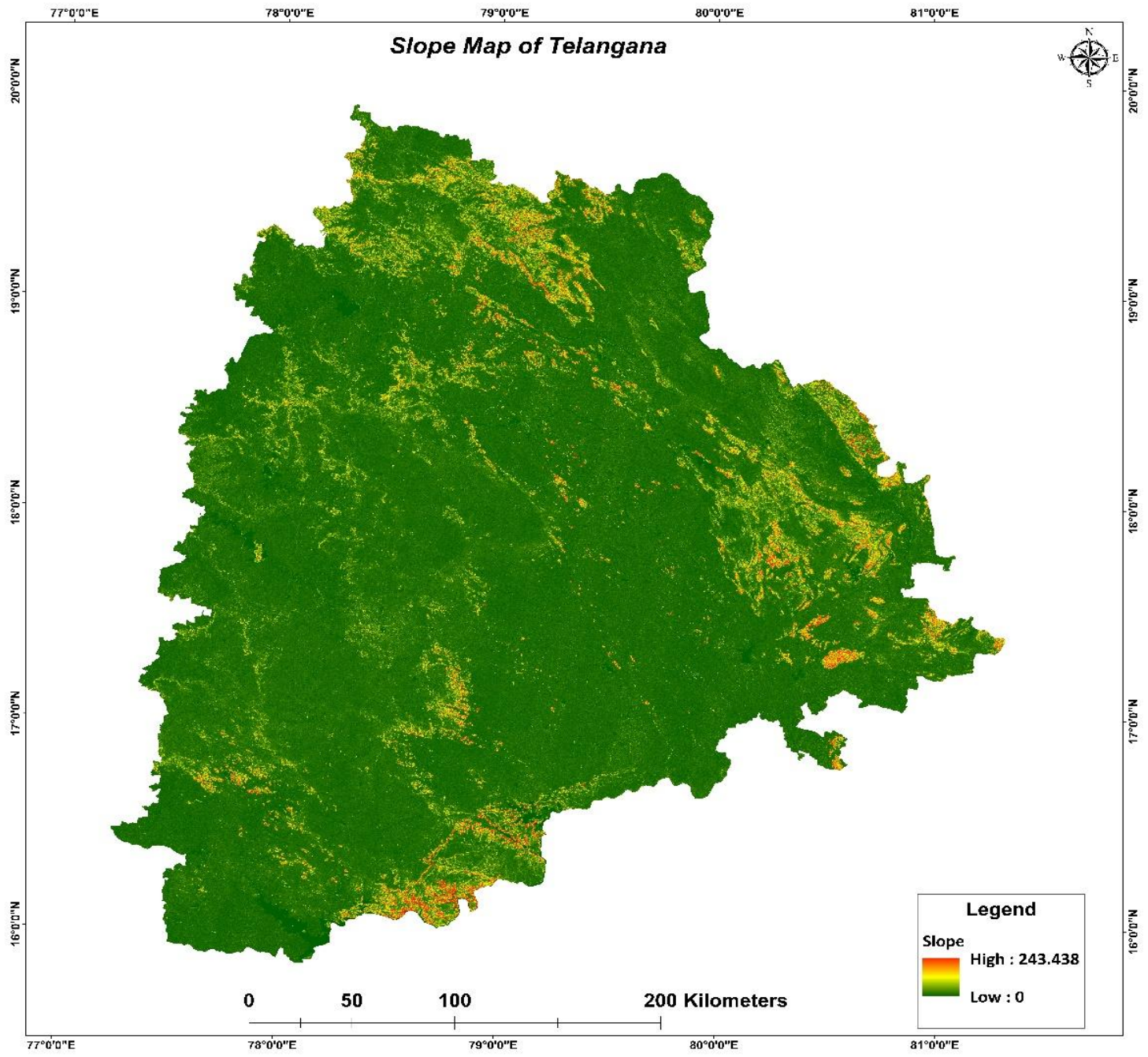
Rank	Slope classes (Degrees)	Density Classes
Highly Suitable	>5 and <= 10	Blanks
Moderately Suitable	>5 and <= 10	Scrub forest
Least suitable	>5 and <= 10	Open forest
	> 10 and < 25	Blanks & scrubs
MPTs and SGPs	>5 and <= 10	Dense Forest
	> 10 and < 25	Open and Dense forest



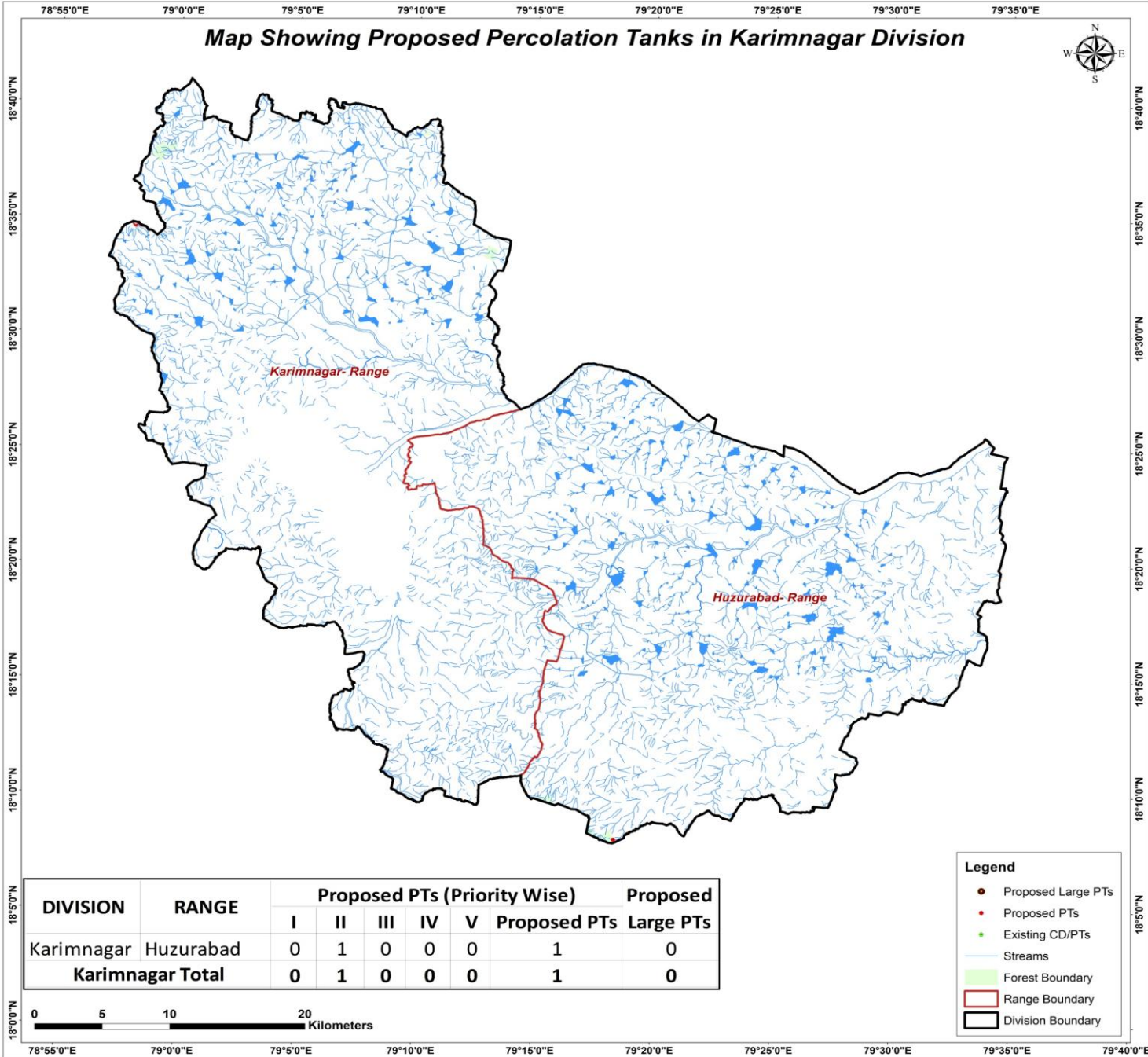
PRIORITY CLASSES FOR PERCOLATION TANK

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





Map Showing Proposed Percolation Tanks in Karimnagar Division

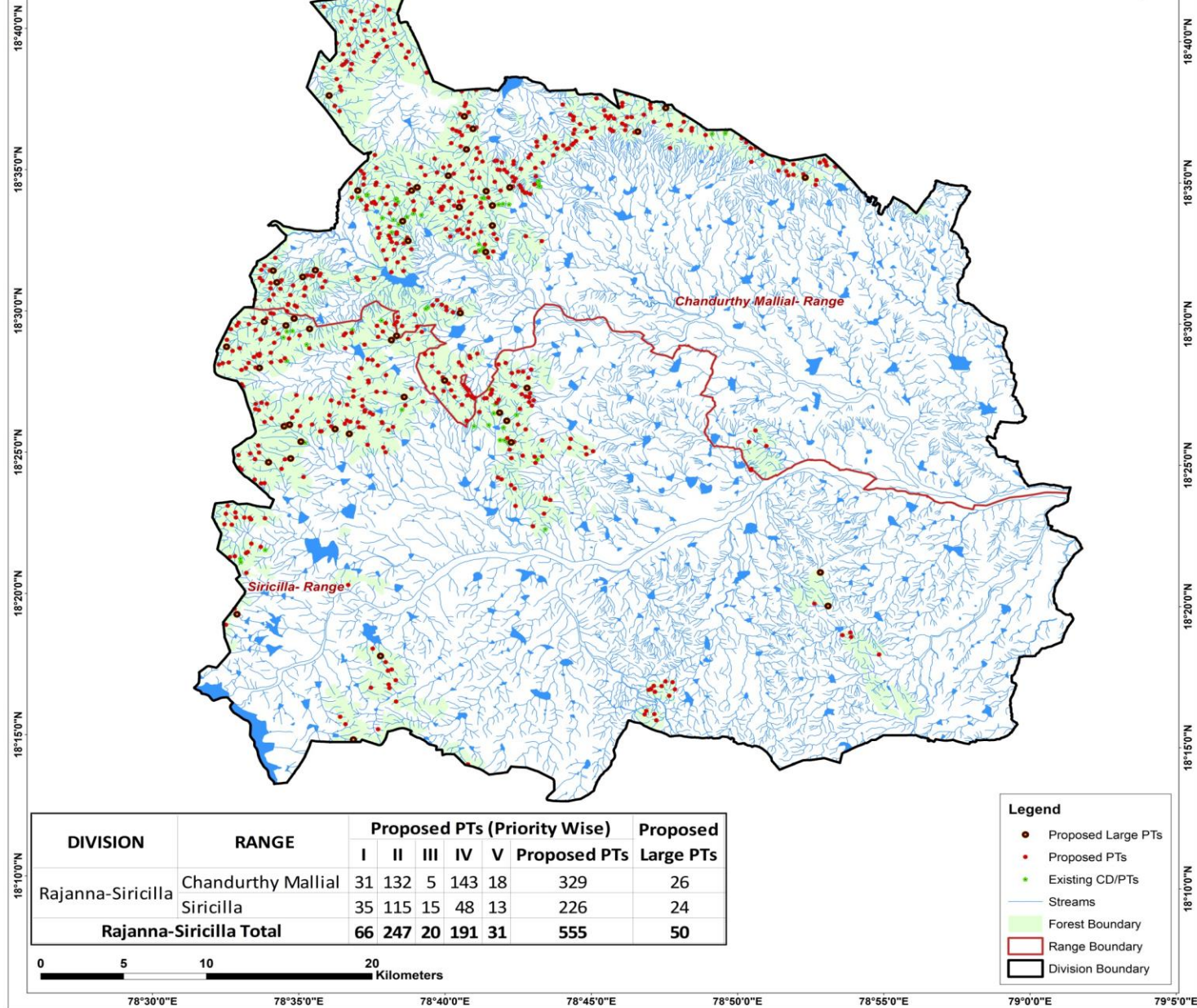


DIVISION	RANGE	Proposed PTs (Priority Wise)					Proposed PTs	Proposed Large PTs
		I	II	III	IV	V		
Karimnagar	Huzurabad	0	1	0	0	0	1	0
Karimnagar Total		0	1	0	0	0	1	0



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

Map Showing Proposed Percolation Tanks in Rajanna-Siricilla Division

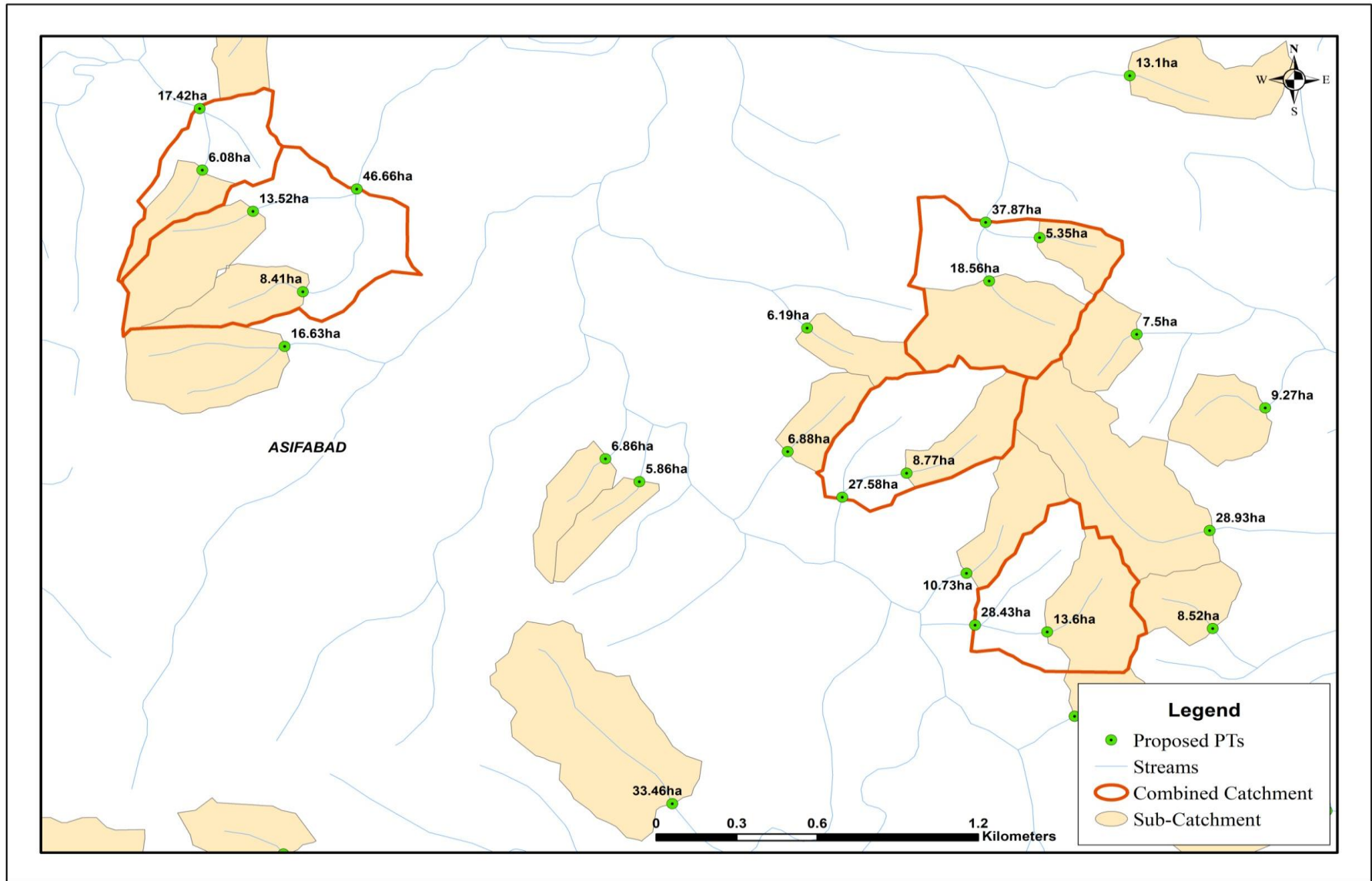


DIVISION	RANGE	Proposed PTs (Priority Wise)					Proposed PTs	Proposed Large PTs
		I	II	III	IV	V		
Rajanna-Siricilla	Chandurthy Mallial	31	132	5	143	18	329	26
	Siricilla	35	115	15	48	13	226	24
Rajanna-Siricilla Total		66	247	20	191	31	555	50

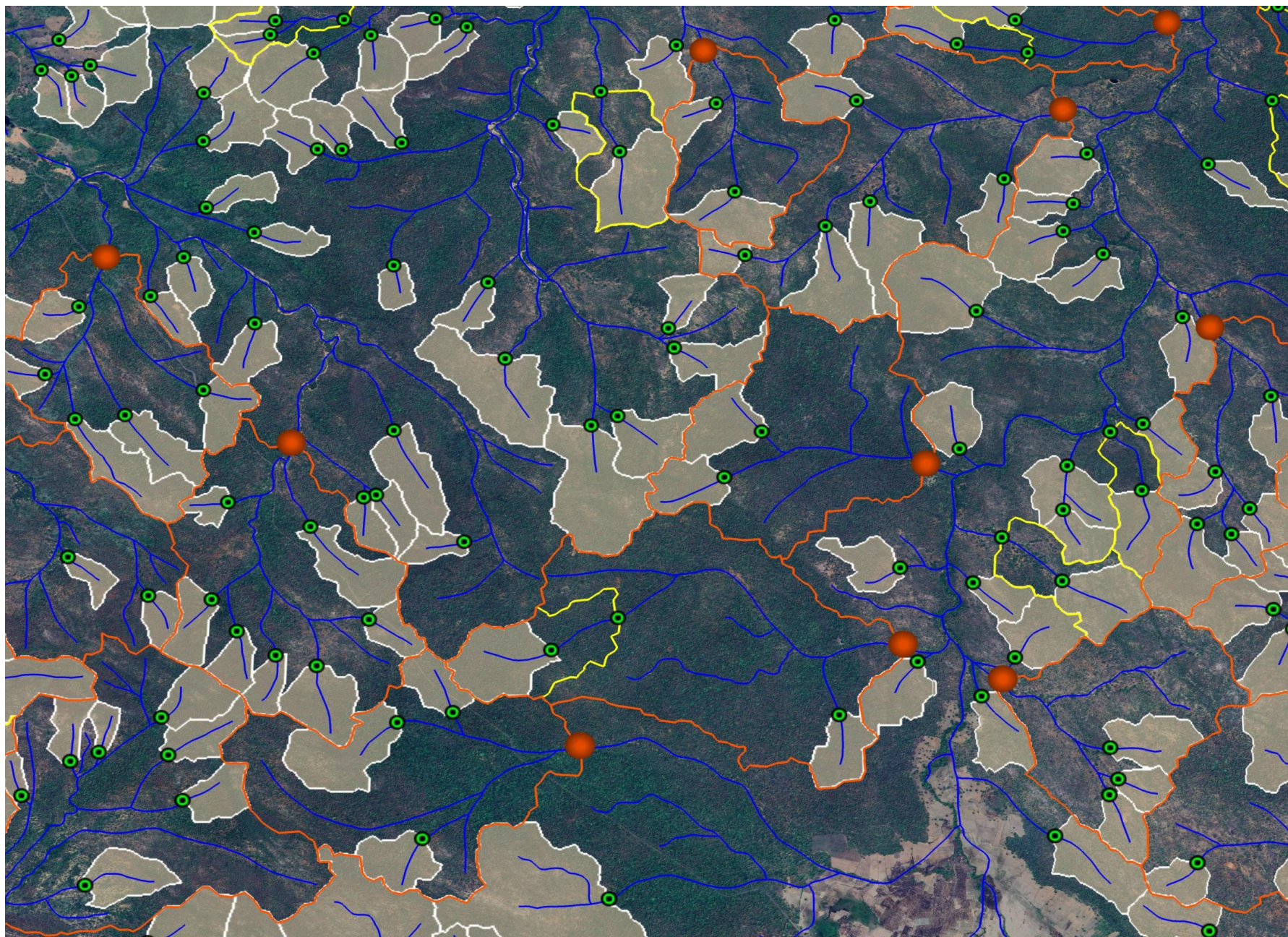
- Legend**
- Proposed Large PTs
 - Proposed PTs
 - Existing CD/PTs
 - Streams
 - Forest Boundary
 - ▭ Range Boundary
 - ▭ Division Boundary



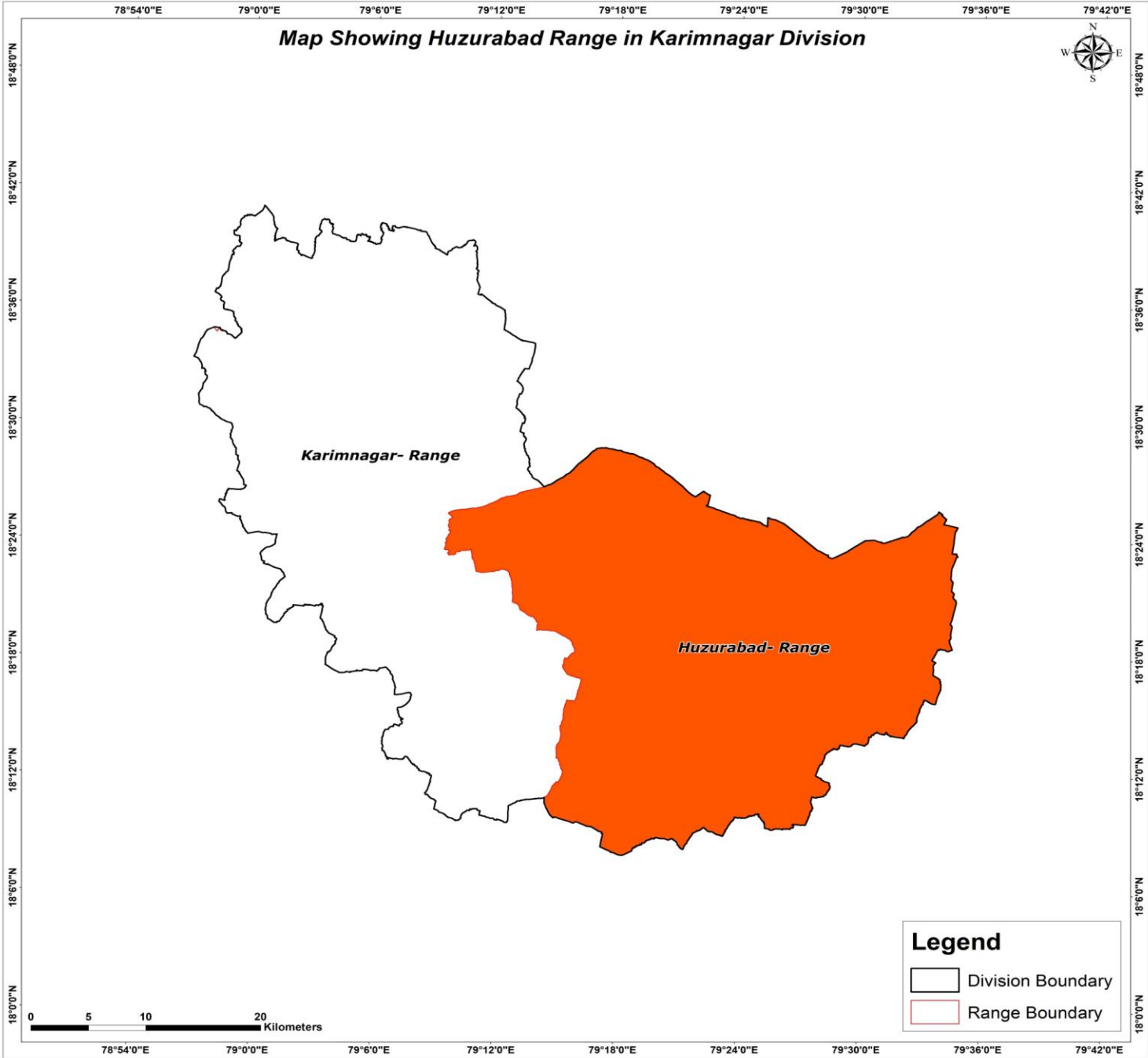
CATCHMENT AREA



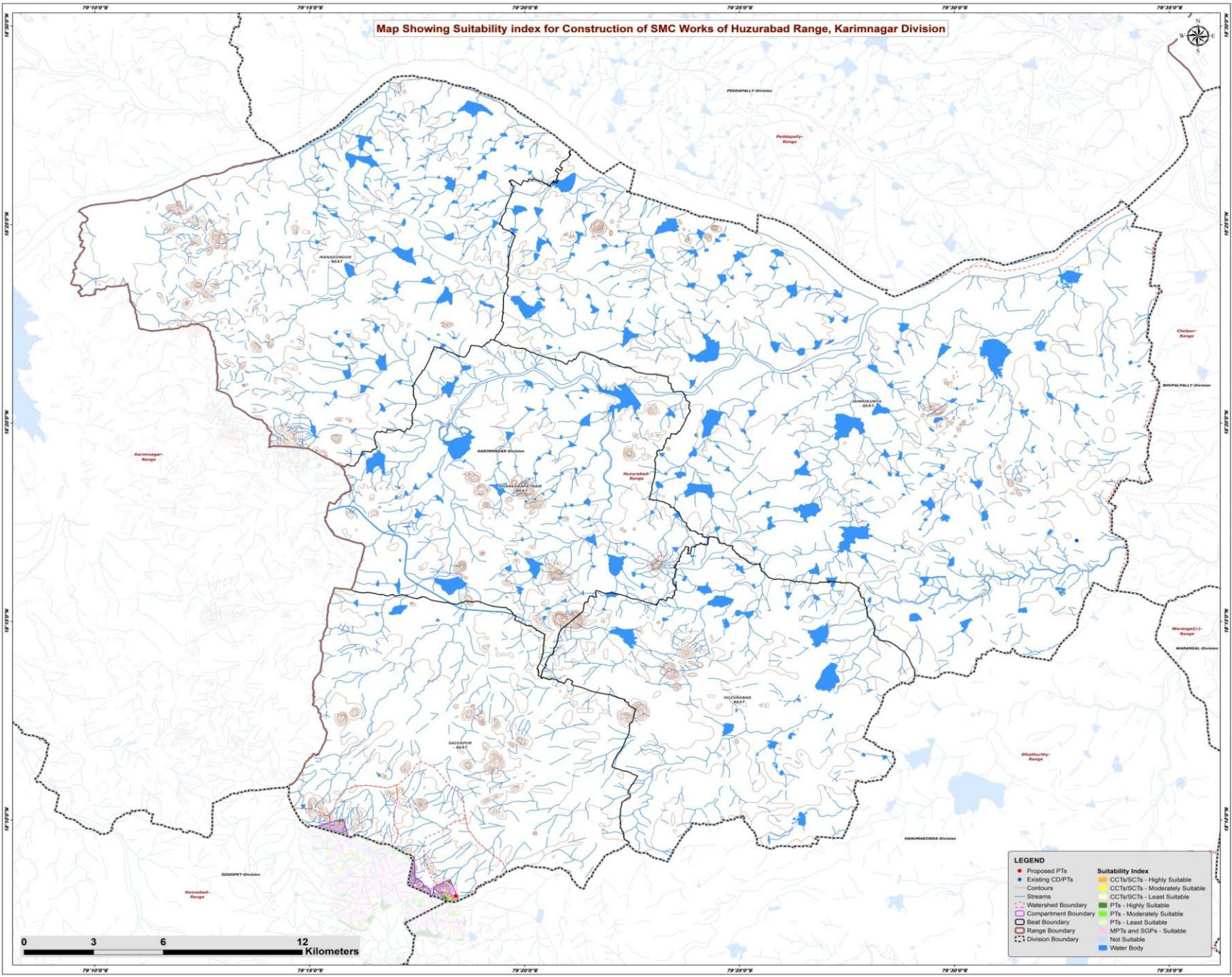
Sample Catchment Map



Map Showing Huzurabad Range in Karimnagar Division



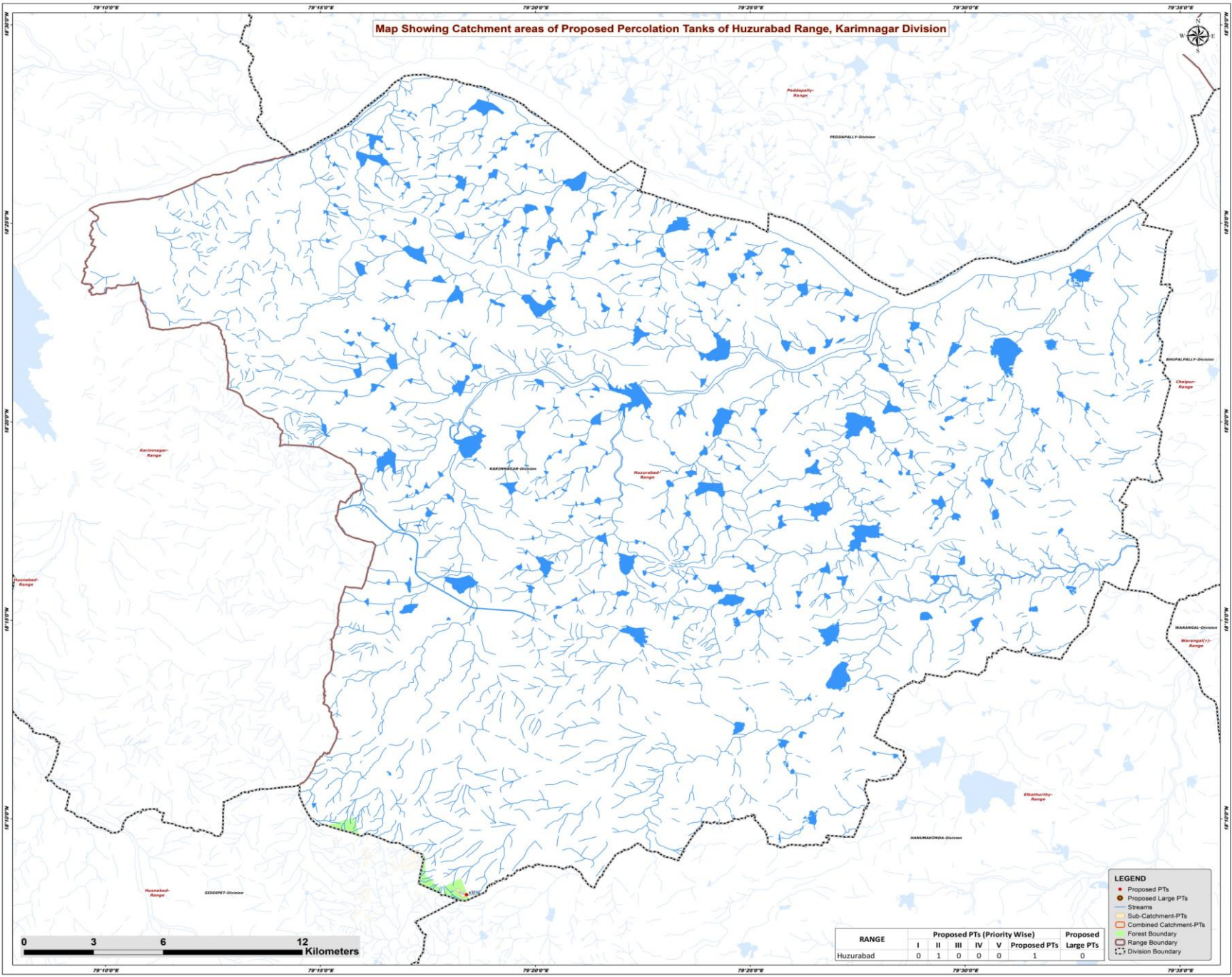
Map Showing Suitability index for Construction of SMC Works of Huzurabad Range, Karimnagar Division



LEGEND	
●	Proposed PTs
●	Existing CDPs
—	Contours
—	Streams
—	Watershed Boundary
—	Compartment Boundary
—	Beet 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 Huzurabad Range, Karimnagar Division



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

0 3 6 12 Kilometers

RANGE	Proposed PTs (Priority Wise)					Proposed Large PTs
	I	II	III	IV	V	
Huzurabad	0	1	0	0	0	1

Beat wise Abstract of Proposed PT's – Huzurabad Range

S. No.	Beat	Proposed PT's
1	SAIDAPUR	1
	Total	1

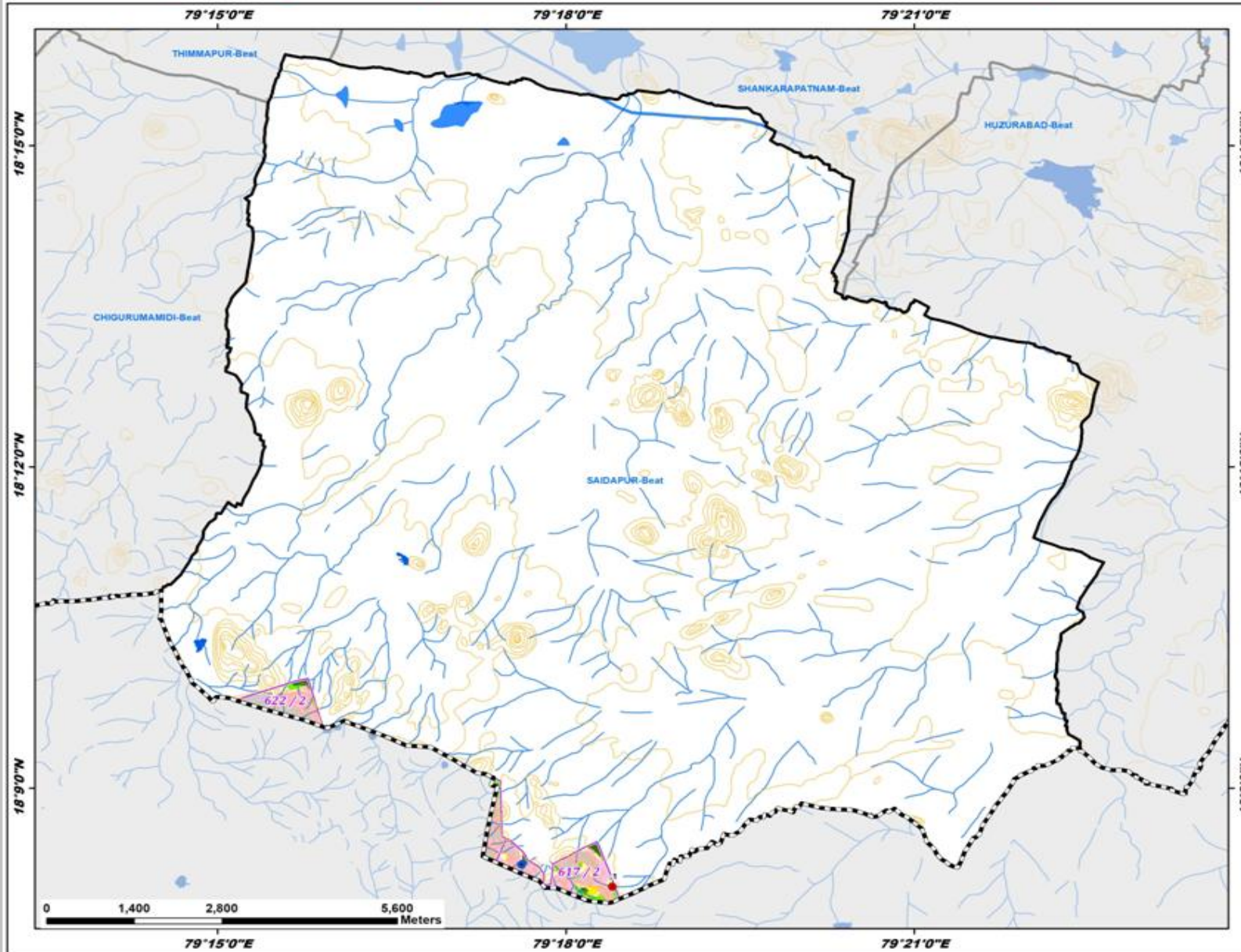
List of Proposed PTs – Huzurabad Range

ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat
1	79.306704	18.134732	8.37	II	SAIDAPUR

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



Division : Karimnagar
Range : Huzurabad



ID	Longitude	Latitude	Catchment Area_Ha	Priority
1	79.306704	18.134732	8.37	II

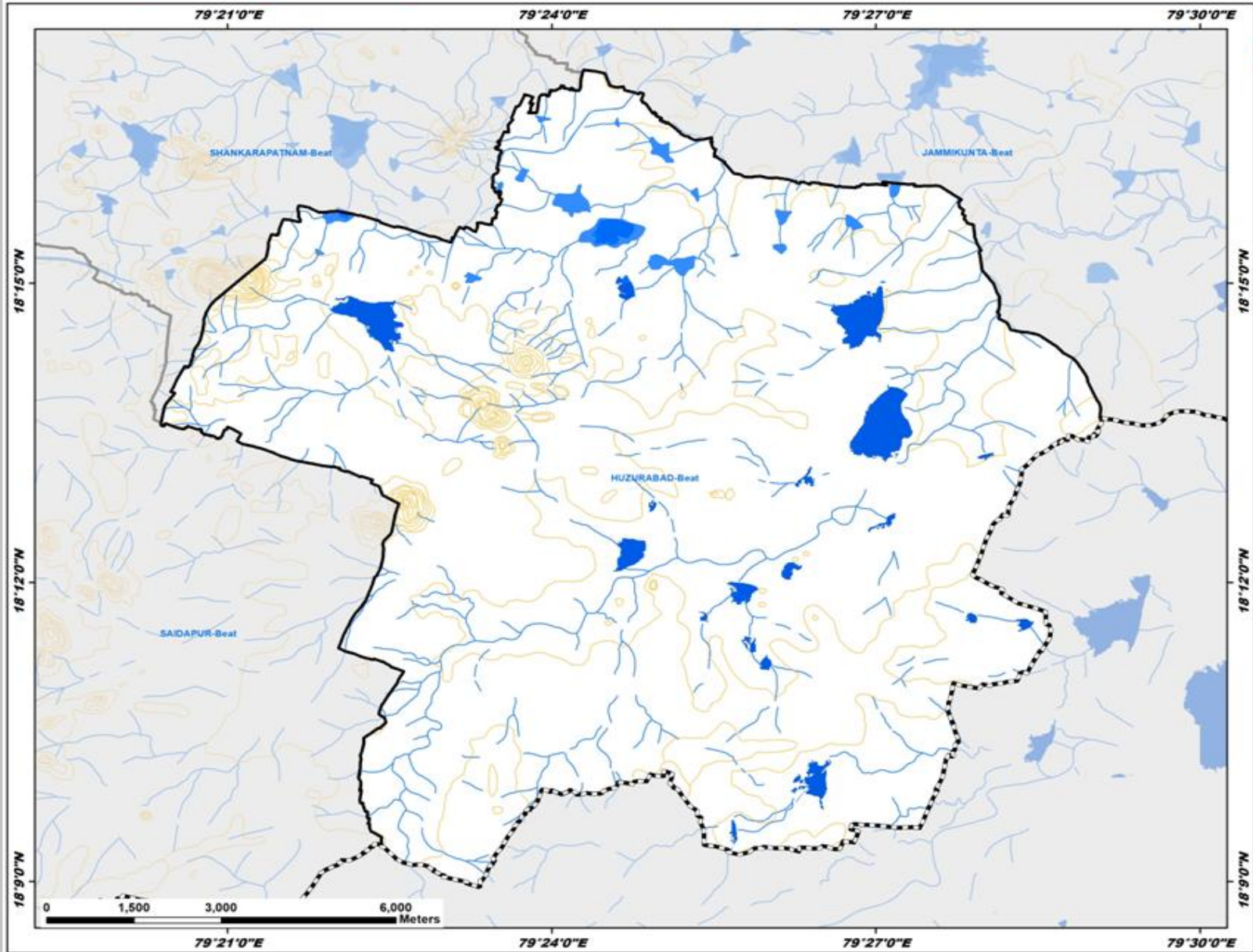
Legend

- Proposed_PTs
 - Existing CD/PTs
 - Contours
 - 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 Huzurabad Beat



Division : Karimnagar
Range : Huzurabad



Legend

- Proposed_PTs
- Existing CD/PTs
- Contours
- Watershed Boundary
- Compartment Boundary
- Beat Boundary
- - - Division Boundary

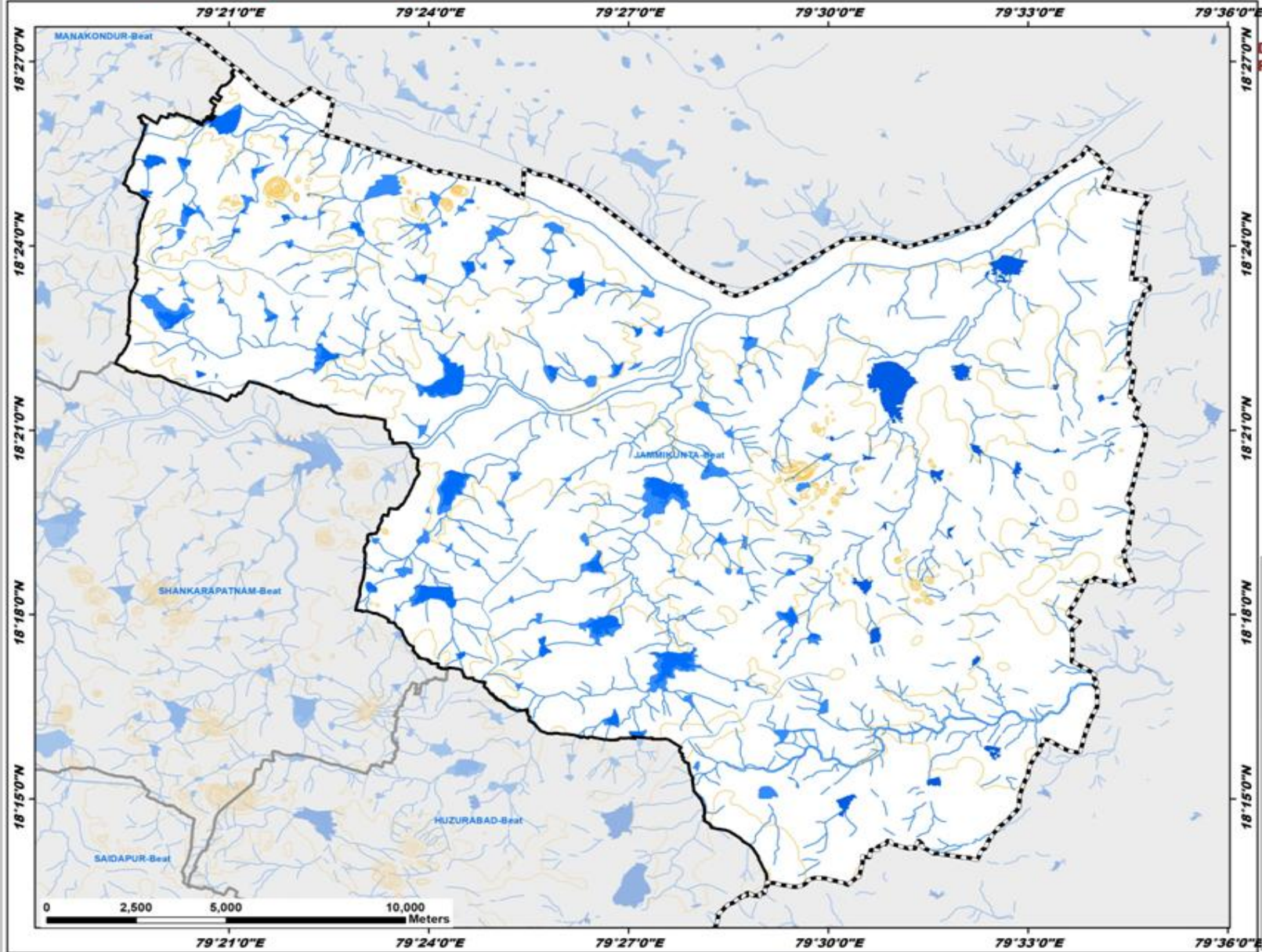
Suitability Index

- 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 Jammikunta Beat



Division : Karimnagar
Range : Huzurabad

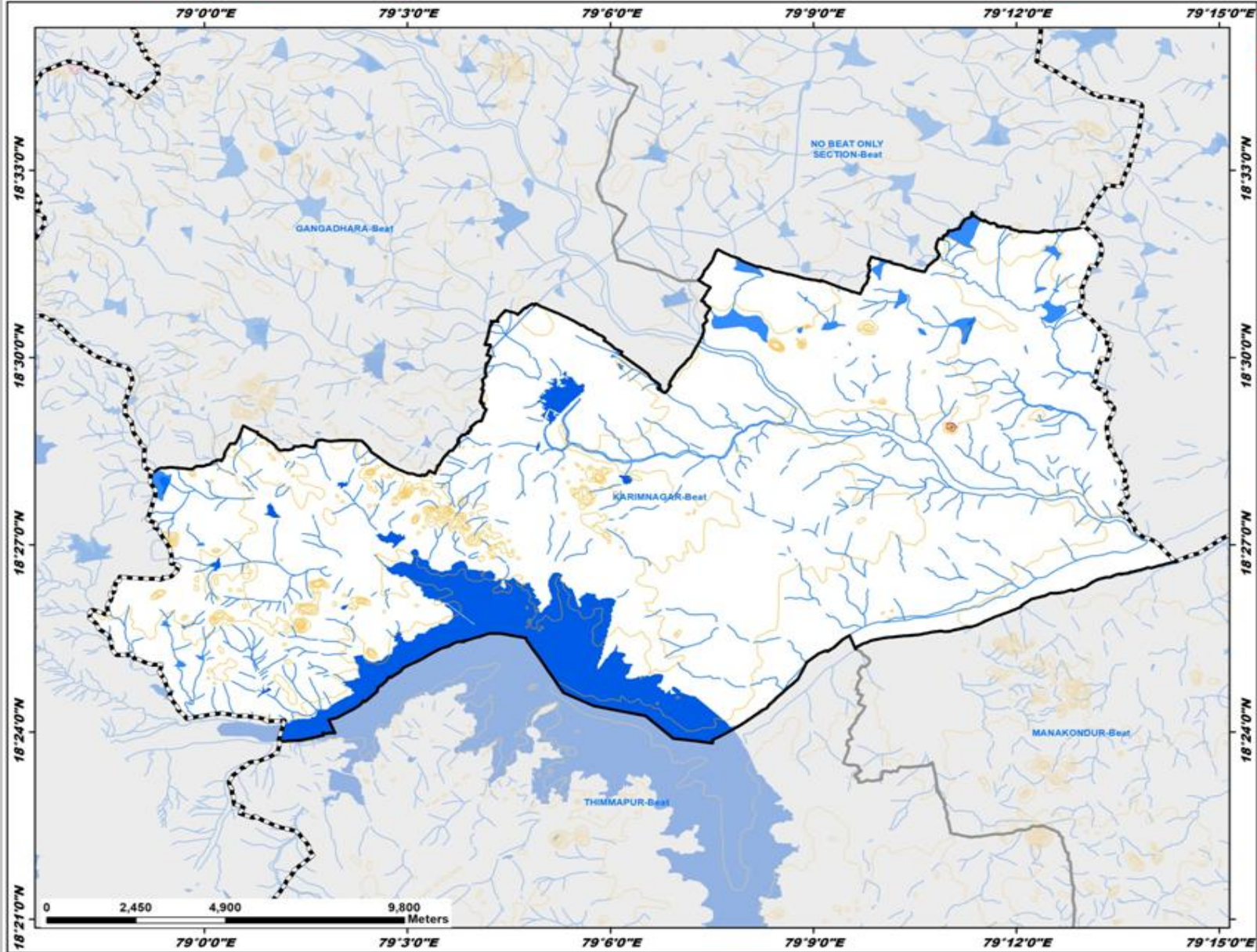


- Legend**
- Proposed_PTs
 - Existing CD/PTs
 - Contours
 - Watershed Boundary
 - Compartment Boundary
 - Beat Boundary
 - Division Boundary
- Suitability Index**
- CCTs/SCTs - Highly Suitable
 - CCTs/SCTs - Moderately Suitable
 - CCTs/SCTs - Least Suitable
 - PTs - Highly Suitable
 - PTs - Moderately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

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



Division : Karimnagar
Range : Huzurabad

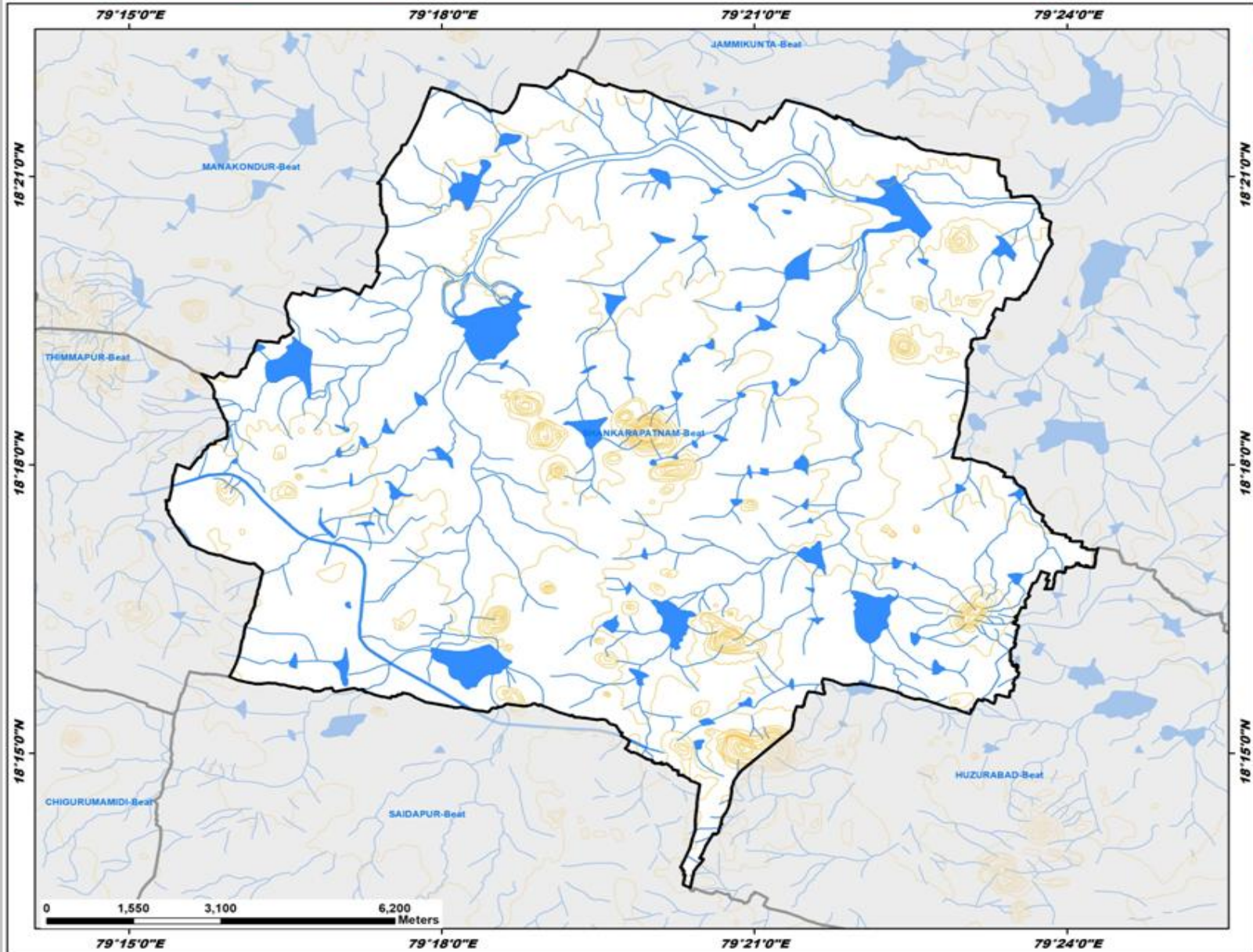


- Legend**
- Proposed_PTs
 - Existing CD/PTs
 - Contours
 - Watershed Boundary
 - Compartment Boundary
 - Beat Boundary
 - Division Boundary
- Suitability Index**
- CCTs/SCTs - Highly Suitable
 - CCTs/SCTs - Moderately Suitable
 - CCTs/SCTs - Least Suitable
 - PTs - Highly Suitable
 - PTs - Moderately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

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



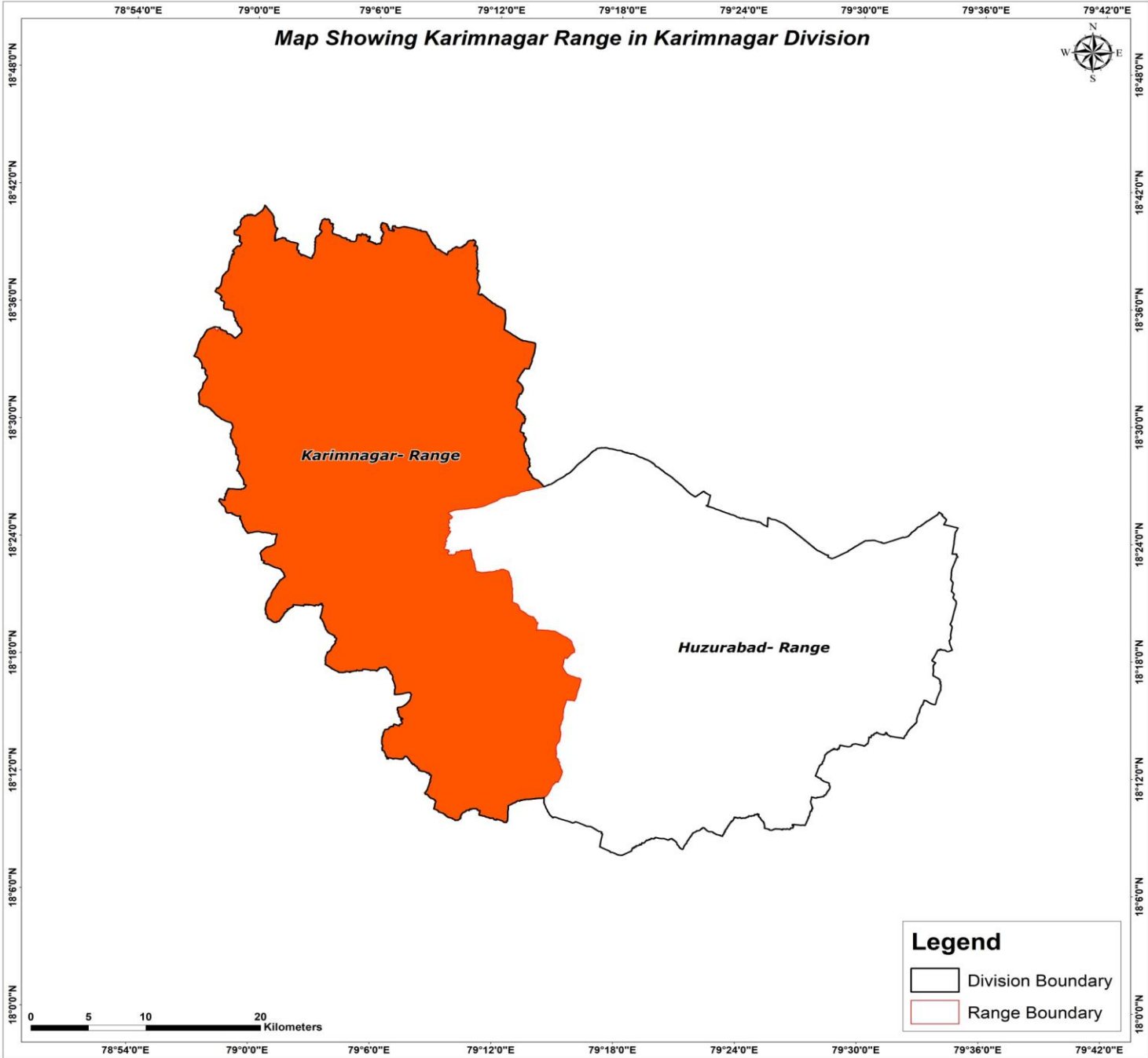
Division : Karimnagar
Range : Huzurabad



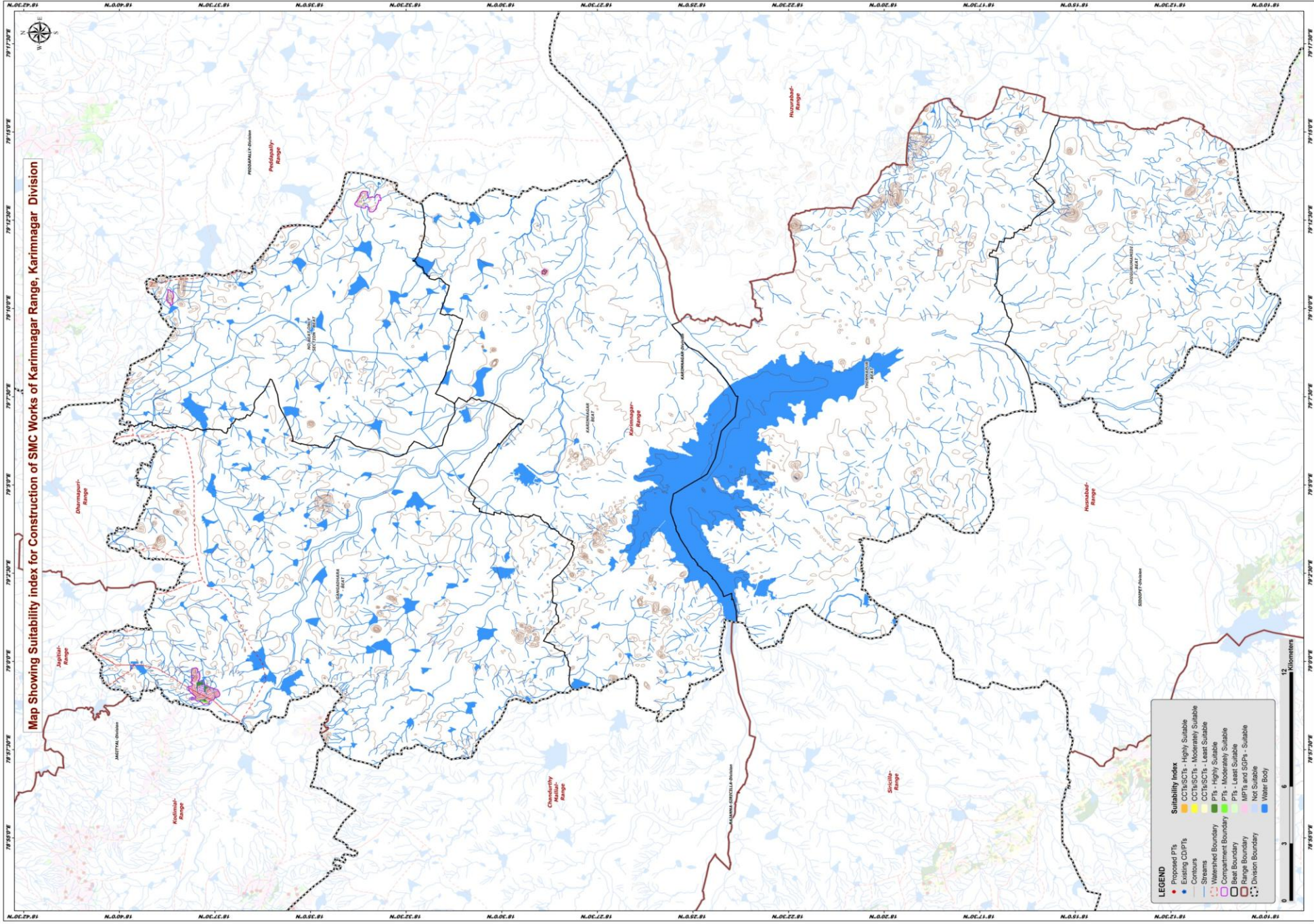
Legend

- Proposed_PTs
 - Existing CD/PTs
 - Contours
 - 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 Karimnagar Range in Karimnagar Division



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



LEGEND

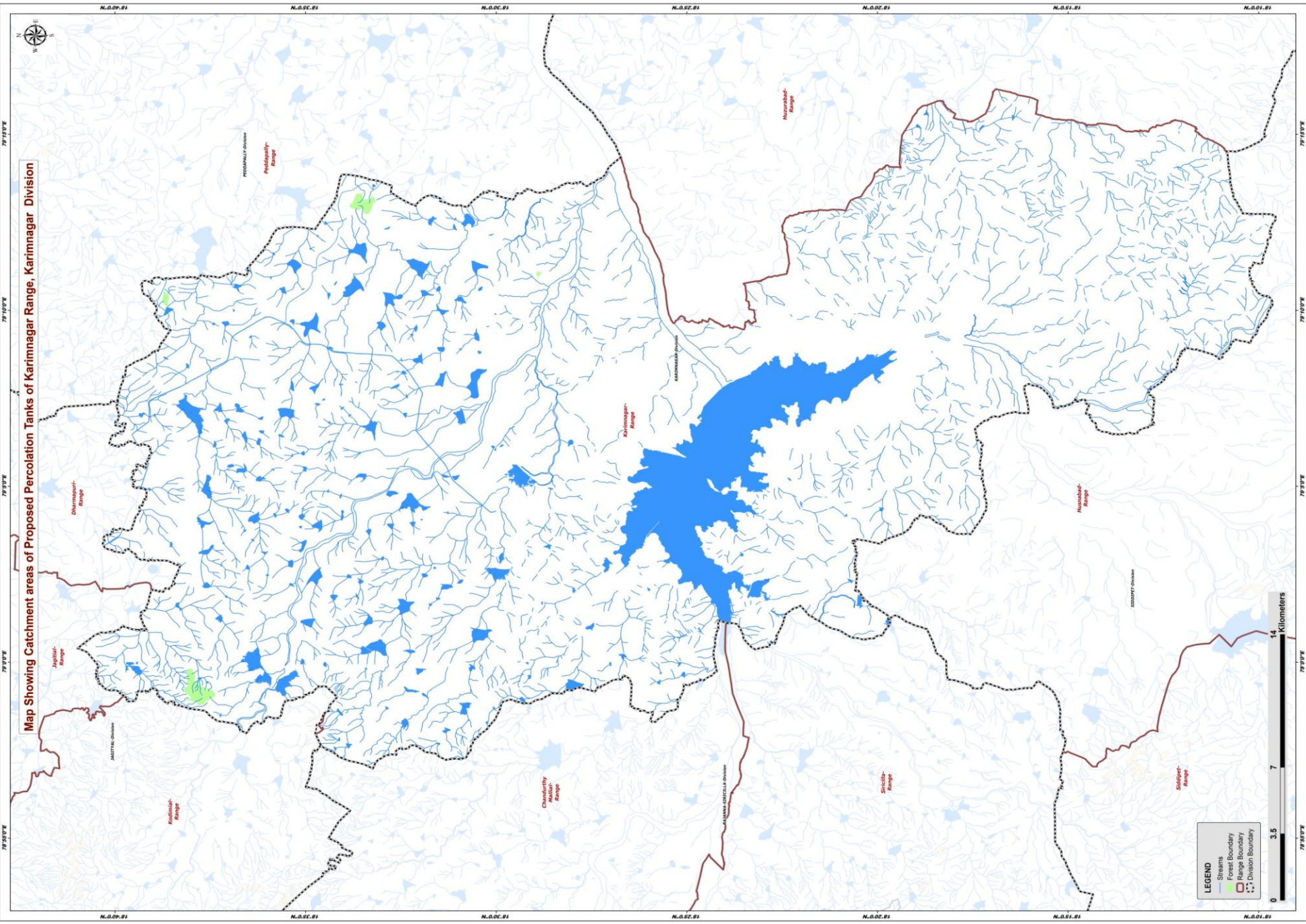
- Proposed Pfts
- Existing CDPTs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Bar Boundary
- Range Boundary
- Division Boundary

Suitability Index

- CCTRSCITs - Highly Suitable
- CCTRSCITs - Moderately Suitable
- CCTRSCITs - Least Suitable
- Pfts - Highly Suitable
- Pfts - Moderately Suitable
- Pfts - Least Suitable
- NA SMCs - Suitable
- Water Body



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



LEGEND

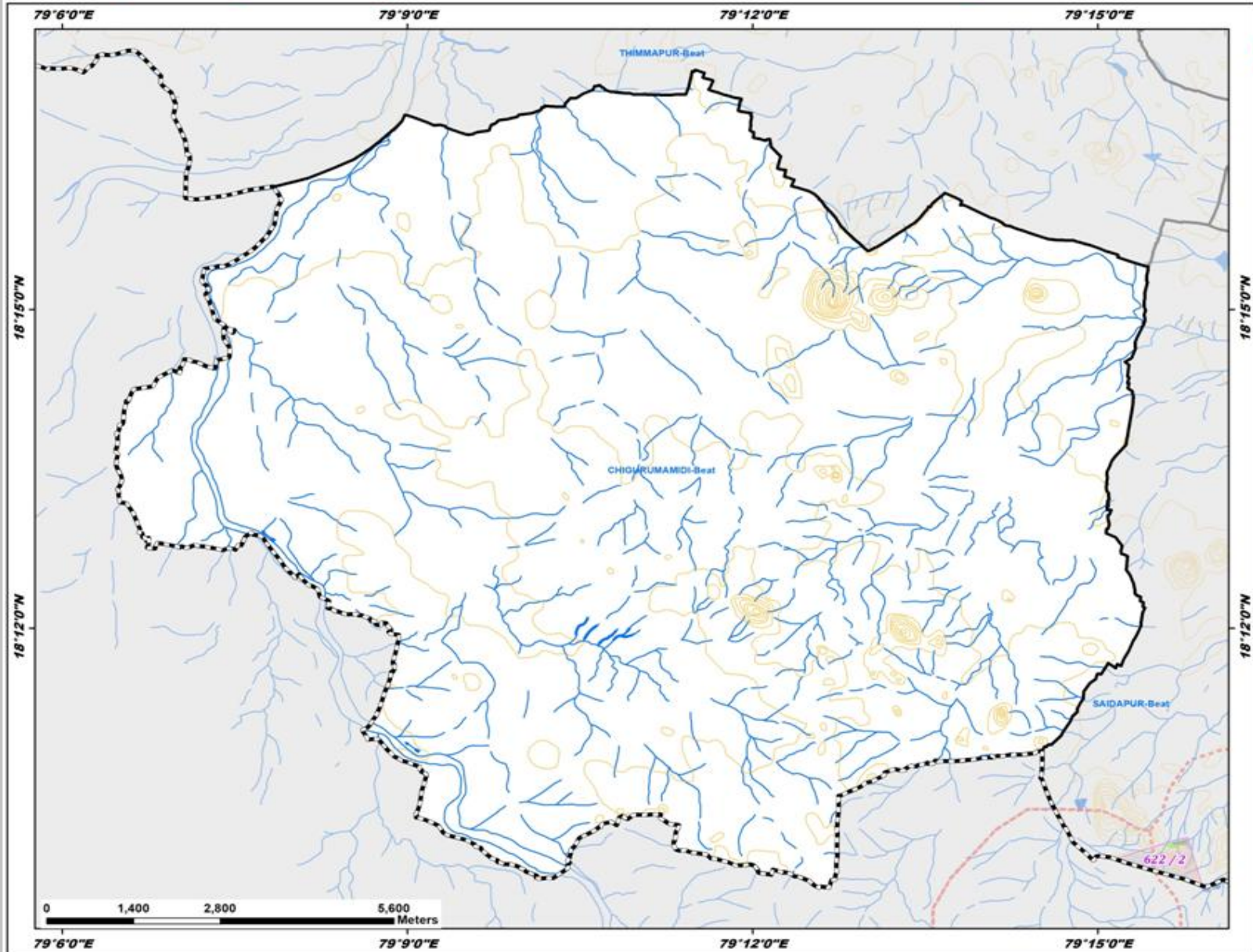
- Streams
- Forest Boundary
- Range Boundary
- Division Boundary



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



Division : Karimnagar
Range : Karimnagar



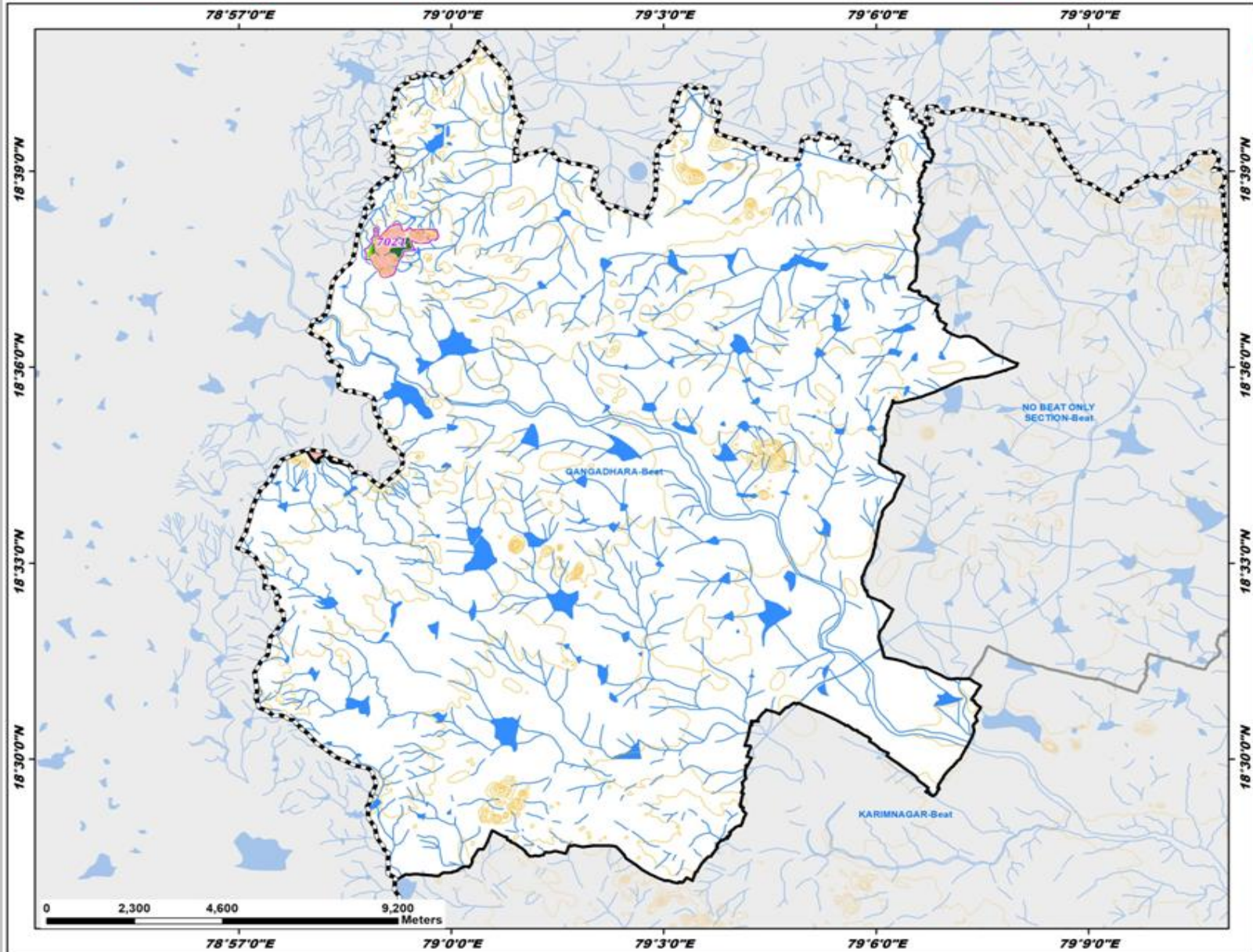
Legend

- 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 Gangadhara Beat



Division : Karimnagar
Range : Karimnagar

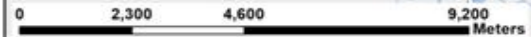


Legend

- Proposed_PTs
- Existing CD/PTs
- Contours
- Watershed Boundary
- Compartment Boundary
- Beat Boundary
- Division Boundary

Suitability Index

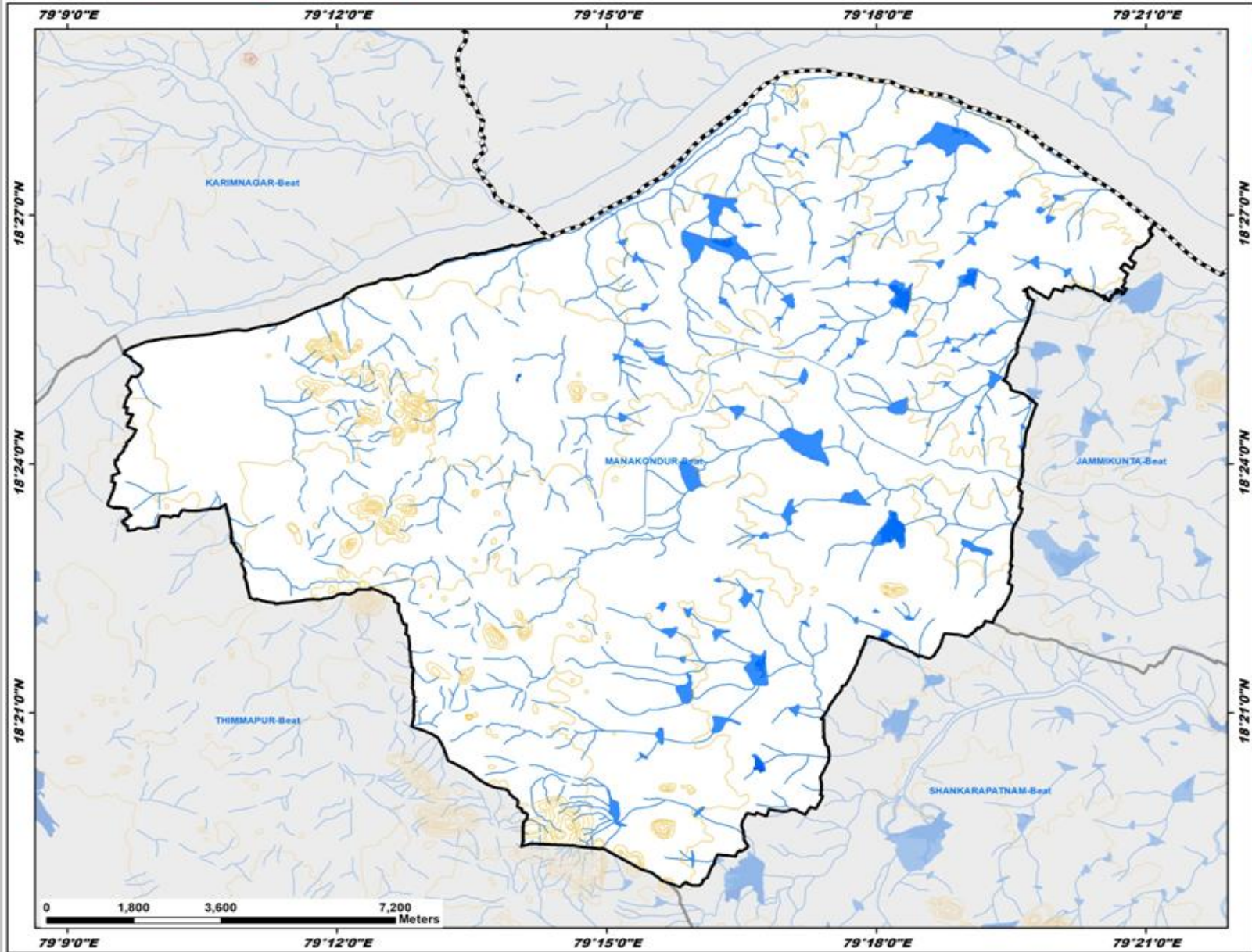
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body



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



Division : Karimnagar
Range : Karimnagar



Legend

- Proposed_PTs
- Existing CD/PTs
- Contours
- Watershed Boundary
- Compartment Boundary
- Beat Boundary
- Division Boundary

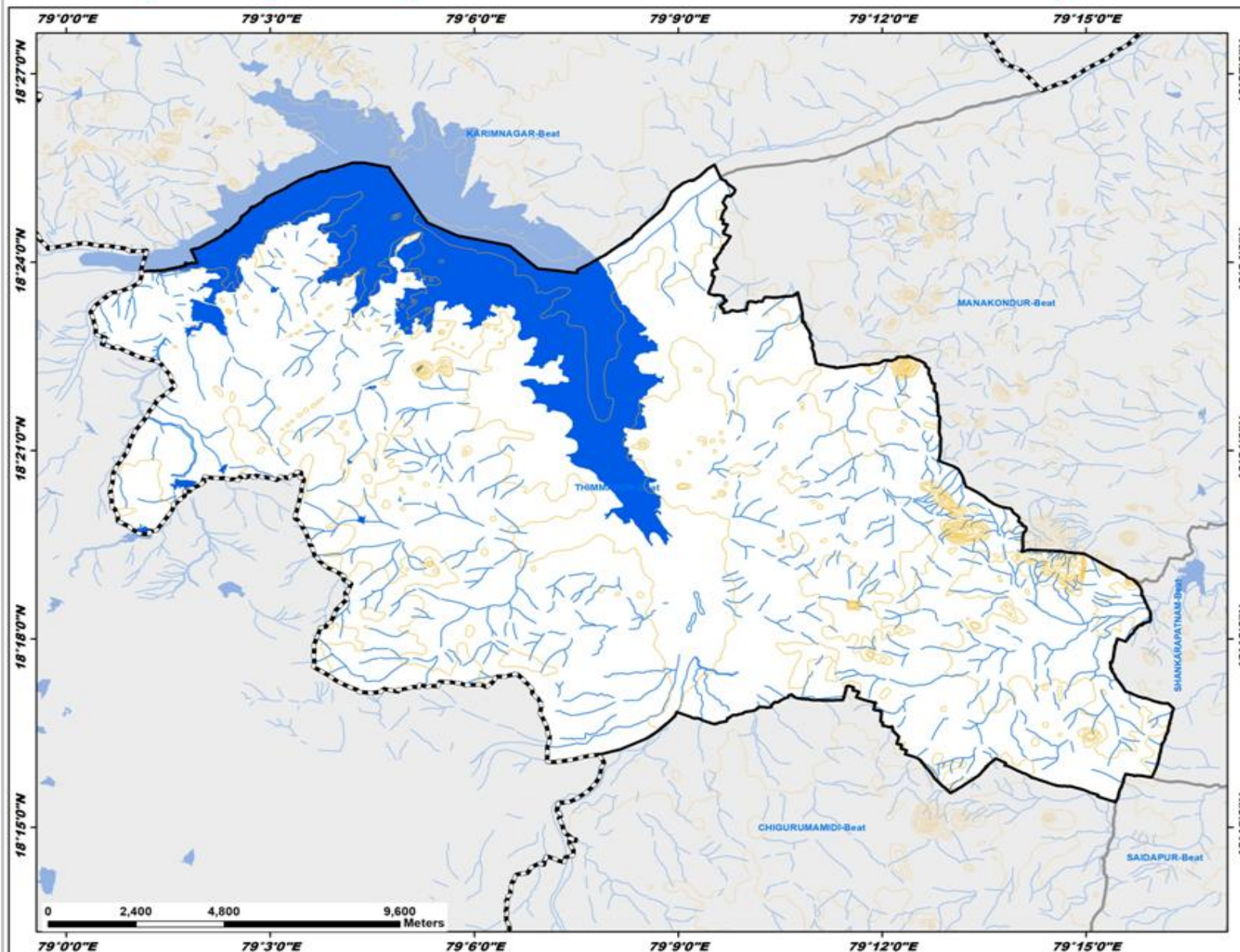
Suitability Index

- 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 Thimmapur Beat



Division : Karimnagar
Range : Karimnagar



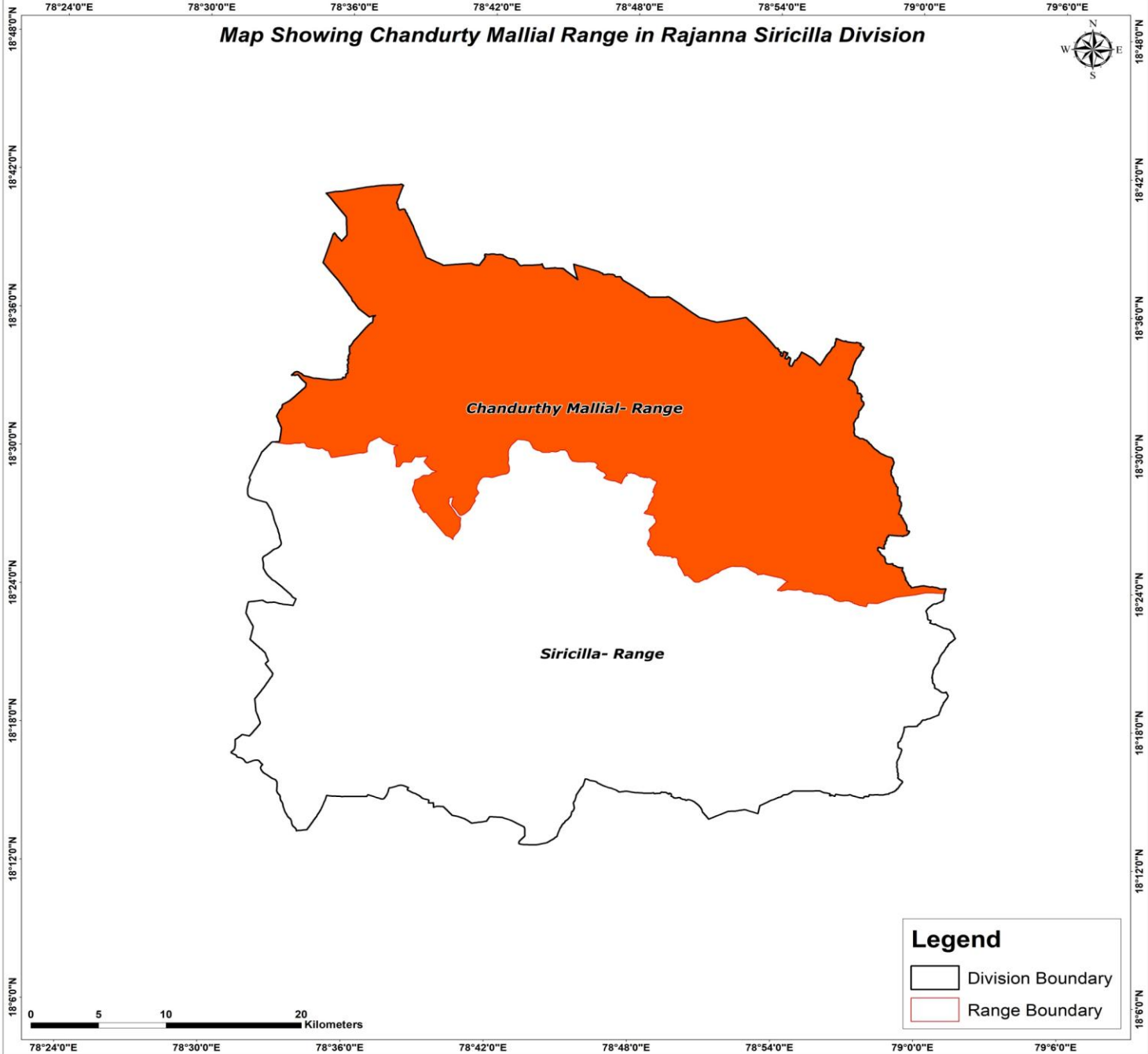
- Legend**
- Proposed_PTs
 - Existing CD/PTs
 - Contours
 - Watershed Boundary
 - Compartment Boundary
 - Beat Boundary
 - - - Division Boundary
- Suitability Index**
- CCTs/SCTs - Highly Suitable
 - CCTs/SCTs - Moderately Suitable
 - CCTs/SCTs - Least Suitable
 - PTs - Highly Suitable
 - PTs - Moderately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

Map Showing Chandurthy Mallial Range in Rajanna Siricilla Division



Chandurthy Mallial- Range

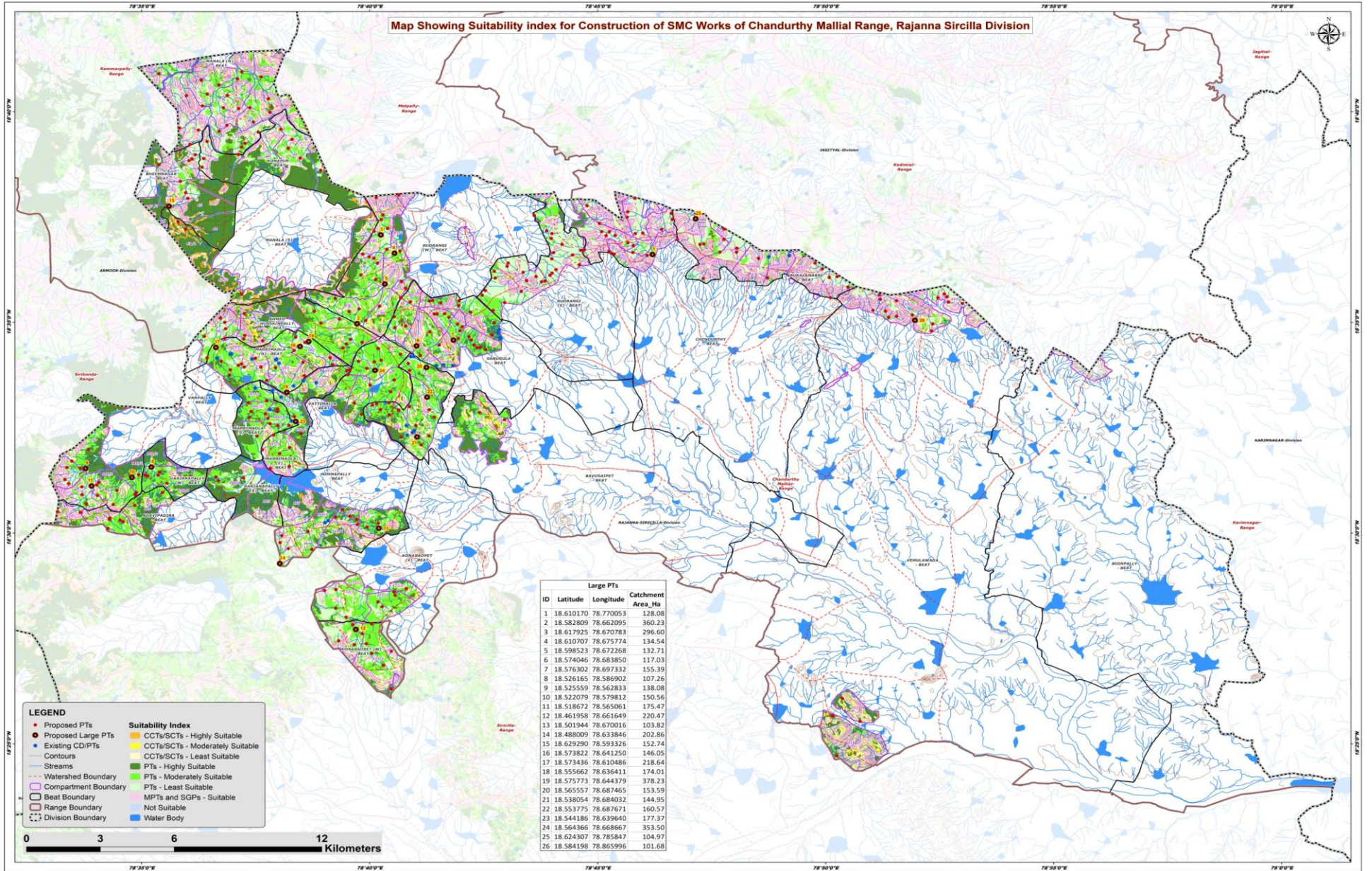
Siricilla- Range



Legend

-  Division Boundary
-  Range Boundary

Map Showing Suitability index for Construction of SMC Works of Chandurthy Mallial Range, Rajanna Sircilla Division



LEGEND

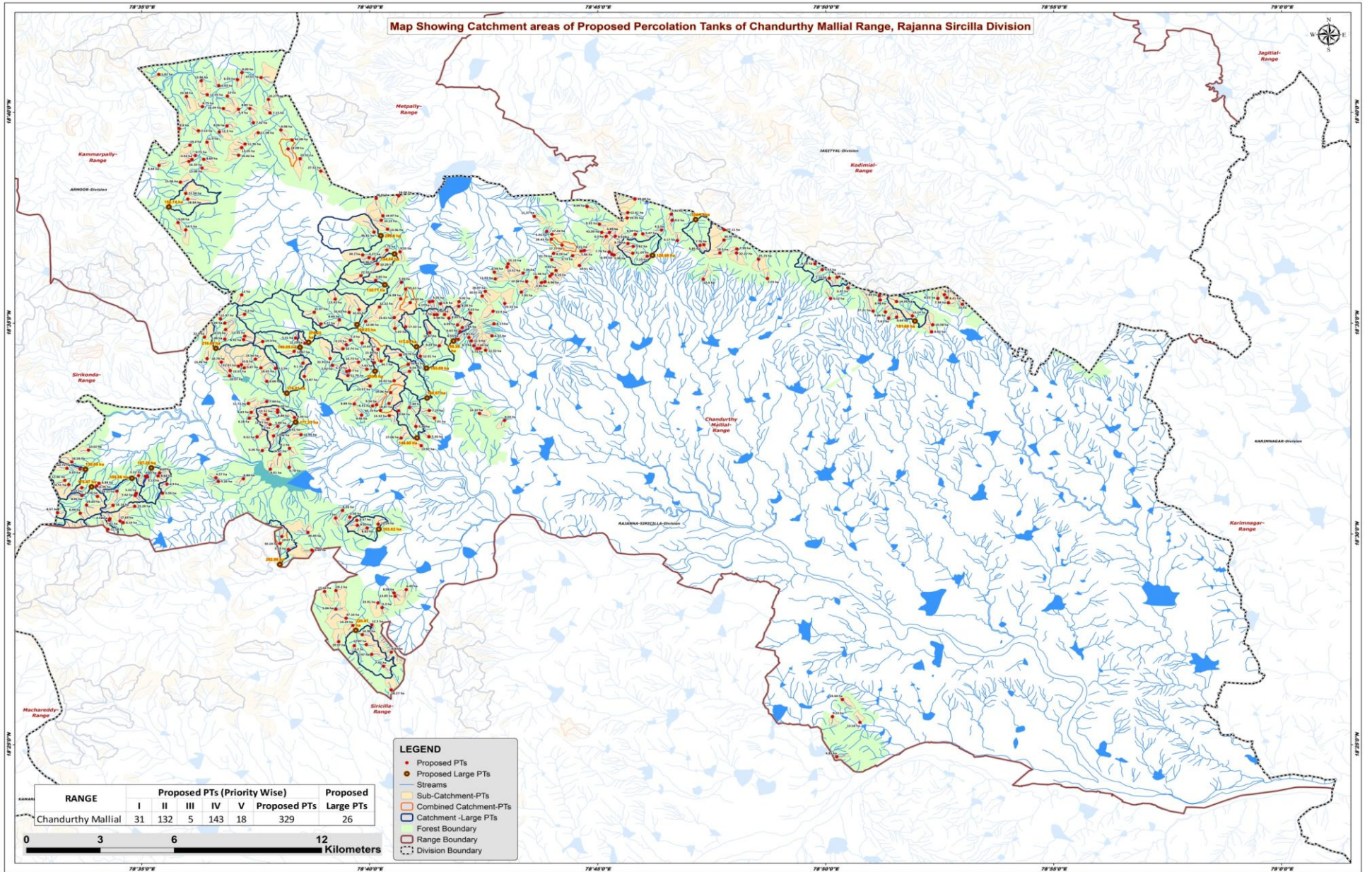
- Proposed PTs
- Proposed Large PTs
- Existing CD/PTs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat Boundary
- Range Boundary
- Division Boundary

Suitability Index

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

Large PTs			
ID	Latitude	Longitude	Catchment Area_Ha
1	18.610170	78.770053	128.08
2	18.582809	78.662095	360.23
3	18.617925	78.670783	296.60
4	18.610707	78.675774	134.54
5	18.598523	78.672268	132.71
6	18.574046	78.683850	117.03
7	18.576302	78.697332	155.39
8	18.526165	78.586902	107.26
9	18.525559	78.562833	138.08
10	18.522079	78.579812	150.56
11	18.518672	78.565061	175.47
12	18.461958	78.661649	220.47
13	18.501944	78.670016	103.82
14	18.488009	78.633846	202.86
15	18.629290	78.593326	152.74
16	18.573822	78.641250	146.05
17	18.573436	78.610486	218.64
18	18.555662	78.636411	174.01
19	18.575773	78.644379	378.23
20	18.565557	78.687465	153.59
21	18.538654	78.684032	144.95
22	18.553775	78.687671	160.57
23	18.544186	78.639640	177.37
24	18.564366	78.668667	353.50
25	18.624307	78.785847	104.97
26	18.584198	78.865996	101.68

Map Showing Catchment areas of Proposed Percolation Tanks of Chandurthy Mallial Range, Rajanna Sircilla Division



LEGEND

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

RANGE	Proposed PTs (Priority Wise)					Proposed Large PTs
	I	II	III	IV	V	
Chandurthy Mallial	31	132	5	143	18	329



Beat wise Abstract of Proposed PT's –Chandurthy Mallial Range

S. No.	Beat	Proposed PT's
1	ADAVIPADIRA	9
2	AHMED HUSSAINPALLY	16
3	BAVUSAIPET	17
4	BHEEMNAGAR	7
5	CHENDURTHY	31
6	GARJANAPALLY EAST	3
7	GARJANAPALLY WEST	5
8	KONAPUR	9
9	KONARAOPET EAST	9
10	KONARAOPET WEST	10
11	MANALA NORTH	24
12	MANALA SOUTH	3
13	MARRIMADLA (S)	12
14	MARRIMADLA EAST	10
15	MARRIMADLA NORTH	18
16	NIMMAPALLY	12
17	NUKALAMARRI	8
18	RUDRANGI EAST	26
19	RUDRANGI WEST	23
20	SANUGULA	29
21	VANPALLY	17
22	VATTIMALLA	12
23	VEMULAWADA	19
	Total	329

List of Proposed PTs – Chandurthy Mallial Range

ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat	ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat	ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat
1	18.508473	78.552618	8.57	I	ADAVIPADIRA	41	18.477339	78.650224	17.66	IV	KONARAOPET(E)	81	18.585069	78.612145	12.47	IV	AHMED HUSSAINPALLY
2	18.505144	78.575494	17.69	II	ADAVIPADIRA	42	18.472803	78.669734	23.91	IV	KONARAOPET(E)	82	18.548104	78.633053	4.89	I	MARRIMADLA (S)
3	18.511005	78.580835	15.28	II	ADAVIPADIRA	43	18.477701	78.654378	29.20	V	KONARAOPET(E)	83	18.552357	78.629073	7.94	I	MARRIMADLA (S)
4	18.506028	78.571749	4.58	II	ADAVIPADIRA	44	18.463862	78.660547	14.29	I	KONARAOPET(W)	84	18.545790	78.622738	6.26	I	MARRIMADLA (S)
5	18.516146	78.591016	5.93	II	ADAVIPADIRA	45	18.456312	78.665460	12.87	II	KONARAOPET(W)	85	18.551604	78.622351	11.72	I	MARRIMADLA (S)
6	18.501846	78.571050	11.58	II	ADAVIPADIRA	46	18.452473	78.667476	11.47	II	KONARAOPET(W)	86	18.543341	78.630323	7.20	I	MARRIMADLA (S)
7	18.504494	78.576615	8.19	II	ADAVIPADIRA	47	18.460269	78.664002	16.96	II	KONARAOPET(W)	87	18.549089	78.633099	8.79	II	MARRIMADLA (S)
8	18.505473	78.571515	7.61	II	ADAVIPADIRA	48	18.438420	78.674583	18.27	II	KONARAOPET(W)	88	18.548141	78.623398	8.63	II	MARRIMADLA (S)
9	18.508254	78.560928	6.94	IV	ADAVIPADIRA	49	18.447817	78.671793	7.92	II	KONARAOPET(W)	89	18.547188	78.628603	12.51	II	MARRIMADLA (S)
10	18.521887	78.620541	6.88	I	GARJANAPALLY(E)	50	18.457453	78.655363	19.97	IV	KONARAOPET(W)	90	18.542556	78.633150	5.99	II	MARRIMADLA (S)
11	18.520788	78.611416	5.26	II	GARJANAPALLY(E)	51	18.464121	78.667480	12.50	IV	KONARAOPET(W)	91	18.538430	78.625549	9.52	II	MARRIMADLA (S)
12	18.522251	78.610509	4.57	II	GARJANAPALLY(E)	52	18.455887	78.661079	6.20	IV	KONARAOPET(W)	92	18.542623	78.637190	6.01	IV	MARRIMADLA (S)
13	18.522850	78.584696	4.87	I	GARJANAPALLY(W)	53	18.453354	78.674621	8.43	IV	KONARAOPET(W)	93	18.545416	78.629507	12.77	IV	MARRIMADLA (S)
14	18.522581	78.585560	5.13	I	GARJANAPALLY(W)	54	18.505422	78.662035	8.57	I	NIMMAPALLY	94	18.562301	78.642846	13.87	II	MARRIMADLA (N)
15	18.522976	78.589365	8.84	II	GARJANAPALLY(W)	55	18.506680	78.659445	5.58	II	NIMMAPALLY	95	18.566933	78.619831	10.80	II	MARRIMADLA (N)
16	18.519746	78.592643	6.90	II	GARJANAPALLY(W)	56	18.493686	78.645571	5.44	II	NIMMAPALLY	96	18.567564	78.642329	9.10	II	MARRIMADLA (N)
17	18.524211	78.589924	8.09	II	GARJANAPALLY(W)	57	18.506336	78.654269	7.00	II	NIMMAPALLY	97	18.569148	78.624917	13.54	II	MARRIMADLA (N)
18	18.533169	78.563943	10.22	I	VANPALLY	58	18.503429	78.662212	9.93	II	NIMMAPALLY	98	18.567967	78.612480	18.78	II	MARRIMADLA (N)
19	18.516078	78.581401	5.33	II	VANPALLY	59	18.509343	78.656786	6.26	II	NIMMAPALLY	99	18.564601	78.615752	13.07	II	MARRIMADLA (N)
20	18.511316	78.572917	14.14	II	VANPALLY	60	18.500636	78.644129	39.49	III	NIMMAPALLY	100	18.565469	78.632278	5.10	II	MARRIMADLA (N)
21	18.511469	78.563209	29.03	II	VANPALLY	61	18.499035	78.634588	10.07	IV	NIMMAPALLY	101	18.562543	78.615489	20.07	II	MARRIMADLA (N)
22	18.528511	78.557821	16.26	II	VANPALLY	62	18.503952	78.669804	13.59	IV	NIMMAPALLY	102	18.577498	78.639647	5.31	II	MARRIMADLA (N)
23	18.525680	78.560905	5.07	II	VANPALLY	63	18.493936	78.636955	5.03	IV	NIMMAPALLY	103	18.565687	78.620827	5.87	II	MARRIMADLA (N)
24	18.525990	78.556052	12.71	II	VANPALLY	64	18.502371	78.665807	8.82	IV	NIMMAPALLY	104	18.565664	78.626940	18.65	II	MARRIMADLA (N)
25	18.516953	78.574340	13.21	II	VANPALLY	65	18.496286	78.633976	32.14	V	NIMMAPALLY	105	18.569382	78.652216	32.91	III	MARRIMADLA (N)
26	18.519580	78.556702	24.51	II	VANPALLY	66	18.587656	78.646440	11.97	I	AHMED HUSSAINPALLY	106	18.575422	78.643040	12.25	IV	MARRIMADLA (N)
27	18.523095	78.582246	5.31	II	VANPALLY	67	18.586876	78.620998	6.30	I	AHMED HUSSAINPALLY	107	18.560373	78.629098	8.68	IV	MARRIMADLA (N)
28	18.515175	78.581024	7.42	II	VANPALLY	68	18.578236	78.621069	11.35	II	AHMED HUSSAINPALLY	108	18.566702	78.653086	5.92	IV	MARRIMADLA (N)
29	18.520085	78.567780	6.98	IV	VANPALLY	69	18.569328	78.607264	13.49	II	AHMED HUSSAINPALLY	109	18.572238	78.639087	12.67	IV	MARRIMADLA (N)
30	18.514891	78.567200	14.16	IV	VANPALLY	70	18.573245	78.656933	10.74	II	AHMED HUSSAINPALLY	110	18.577053	78.613764	5.99	IV	MARRIMADLA (N)
31	18.521232	78.555315	12.86	IV	VANPALLY	71	18.584634	78.655636	8.64	II	AHMED HUSSAINPALLY	111	18.566373	78.618699	61.31	V	MARRIMADLA (N)
32	18.519012	78.566951	6.36	IV	VANPALLY	72	18.575490	78.663938	14.63	II	AHMED HUSSAINPALLY	112	18.634664	78.599479	22.58	IV	BHEEMNAGAR
33	18.518335	78.561517	9.15	IV	VANPALLY	73	18.574868	78.658160	9.14	II	AHMED HUSSAINPALLY	113	18.639109	78.597527	15.06	IV	BHEEMNAGAR
34	18.515175	78.561567	9.45	IV	VANPALLY	74	18.583023	78.648917	9.27	II	AHMED HUSSAINPALLY	114	18.632401	78.600218	18.84	IV	BHEEMNAGAR
35	18.478051	78.680077	6.45	II	KONARAOPET(E)	75	18.577843	78.606298	22.90	IV	AHMED HUSSAINPALLY	115	18.649618	78.603006	9.75	IV	BHEEMNAGAR
36	18.470338	78.654345	5.04	II	KONARAOPET(E)	76	18.583379	78.613735	5.04	IV	AHMED HUSSAINPALLY	116	18.645678	78.589714	8.44	IV	BHEEMNAGAR
37	18.475454	78.675980	13.85	II	KONARAOPET(E)	77	18.576091	78.627587	13.30	IV	AHMED HUSSAINPALLY	117	18.647328	78.600654	16.33	IV	BHEEMNAGAR
38	18.476743	78.675613	8.09	II	KONARAOPET(E)	78	18.576644	78.659651	7.30	IV	AHMED HUSSAINPALLY	118	18.648062	78.601753	5.43	IV	BHEEMNAGAR
39	18.466772	78.658109	47.16	III	KONARAOPET(E)	79	18.580841	78.614054	12.25	IV	AHMED HUSSAINPALLY	119	18.611162	78.794705	18.50	II	CHENDURTHY
40	18.470937	78.671260	5.30	IV	KONARAOPET(E)	80	18.576865	78.620627	8.92	IV	AHMED HUSSAINPALLY	120	18.614364	78.788854	7.76	II	CHENDURTHY

List of Proposed PTs – Chandurthy Mallial Range

ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat	ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat	ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat
121	18.610605	78.755195	6.99	II	CHENDURTHY	161	18.673128	78.614708	12.00	II	MANALA NORTH	201	18.603535	78.712266	6.59	IV	RUDRANGI EAST
122	18.620185	78.773396	4.50	IV	CHENDURTHY	162	18.681712	78.589650	5.82	II	MANALA NORTH	202	18.599428	78.729533	5.81	IV	RUDRANGI EAST
123	18.600719	78.788624	10.40	IV	CHENDURTHY	163	18.668232	78.622895	8.85	II	MANALA NORTH	203	18.599767	78.730783	4.96	IV	RUDRANGI EAST
124	18.613715	78.763060	5.62	IV	CHENDURTHY	164	18.673640	78.607332	12.55	II	MANALA NORTH	204	18.595936	78.708981	20.97	IV	RUDRANGI EAST
125	18.618483	78.763767	6.04	IV	CHENDURTHY	165	18.679626	78.618377	6.03	II	MANALA NORTH	205	18.610940	78.733889	8.29	IV	RUDRANGI EAST
126	18.614863	78.761084	8.75	IV	CHENDURTHY	166	18.677240	78.611570	6.03	II	MANALA NORTH	206	18.610031	78.740894	9.73	IV	RUDRANGI EAST
127	18.616036	78.779183	6.17	IV	CHENDURTHY	167	18.666495	78.630284	7.15	II	MANALA NORTH	207	18.605540	78.716926	13.51	IV	RUDRANGI EAST
128	18.622492	78.750662	9.55	IV	CHENDURTHY	168	18.668204	78.613245	16.04	II	MANALA NORTH	208	18.601494	78.727535	11.46	IV	RUDRANGI EAST
129	18.610327	78.756037	5.94	IV	CHENDURTHY	169	18.682376	78.619998	8.09	II	MANALA NORTH	209	18.619605	78.731401	5.01	IV	RUDRANGI EAST
130	18.624960	78.760821	23.35	IV	CHENDURTHY	170	18.652737	78.619932	13.05	II	MANALA NORTH	210	18.601968	78.732591	7.91	IV	RUDRANGI EAST
131	18.619251	78.754323	5.99	IV	CHENDURTHY	171	18.680424	78.627026	47.57	III	MANALA NORTH	211	18.616531	78.733110	29.43	V	RUDRANGI EAST
132	18.627053	78.761032	12.61	IV	CHENDURTHY	172	18.661295	78.614560	8.26	IV	MANALA NORTH	212	18.625602	78.726864	11.37	I	RUDRANGI WEST
133	18.629496	78.746176	8.04	IV	CHENDURTHY	173	18.672996	78.599761	23.38	IV	MANALA NORTH	213	18.612274	78.672975	7.75	II	RUDRANGI WEST
134	18.612127	78.745174	8.21	IV	CHENDURTHY	174	18.653764	78.601032	14.30	IV	MANALA NORTH	214	18.625797	78.671558	19.97	II	RUDRANGI WEST
135	18.611110	78.800784	22.22	IV	CHENDURTHY	175	18.658946	78.611740	12.50	IV	MANALA NORTH	215	18.608771	78.668223	6.96	II	RUDRANGI WEST
136	18.618680	78.766517	5.47	IV	CHENDURTHY	176	18.660212	78.597197	8.80	IV	MANALA NORTH	216	18.600286	78.668895	9.85	II	RUDRANGI WEST
137	18.610999	78.762875	11.14	IV	CHENDURTHY	177	18.671789	78.629691	10.27	IV	MANALA NORTH	217	18.611561	78.677810	9.35	II	RUDRANGI WEST
138	18.617681	78.753139	6.50	IV	CHENDURTHY	178	18.658631	78.625969	11.08	IV	MANALA NORTH	218	18.593018	78.678025	16.99	II	RUDRANGI WEST
139	18.612701	78.800896	7.39	IV	CHENDURTHY	179	18.667899	78.618760	5.90	IV	MANALA NORTH	219	18.589754	78.670299	22.22	II	RUDRANGI WEST
140	18.614131	78.787442	5.85	IV	CHENDURTHY	180	18.668951	78.605565	8.75	IV	MANALA NORTH	220	18.592866	78.654121	13.91	II	RUDRANGI WEST
141	18.626433	78.776927	7.34	IV	CHENDURTHY	181	18.659387	78.604147	7.13	IV	MANALA NORTH	221	18.584083	78.665215	12.06	II	RUDRANGI WEST
142	18.611479	78.754190	7.76	IV	CHENDURTHY	182	18.662583	78.624194	7.02	IV	MANALA NORTH	222	18.624033	78.670925	10.23	II	RUDRANGI WEST
143	18.617750	78.756477	9.22	IV	CHENDURTHY	183	18.594527	78.619951	12.00	I	MANALA SOUTH	223	18.606815	78.669574	10.28	IV	RUDRANGI WEST
144	18.609841	78.768158	7.23	IV	CHENDURTHY	184	18.623102	78.596670	9.04	I	MANALA SOUTH	224	18.620499	78.673233	13.96	IV	RUDRANGI WEST
145	18.624039	78.777270	9.60	IV	CHENDURTHY	185	18.620231	78.599461	14.50	I	MANALA SOUTH	225	18.632716	78.669091	20.01	IV	RUDRANGI WEST
146	18.619248	78.751512	43.09	V	CHENDURTHY	186	18.591143	78.716054	23.53	II	RUDRANGI EAST	226	18.599495	78.678312	5.39	IV	RUDRANGI WEST
147	18.632415	78.763633	39.68	V	CHENDURTHY	187	18.588069	78.711817	22.70	II	RUDRANGI EAST	227	18.587631	78.659203	16.62	IV	RUDRANGI WEST
148	18.616218	78.796211	30.95	V	CHENDURTHY	188	18.594115	78.707837	10.01	IV	RUDRANGI EAST	228	18.609310	78.666480	6.27	IV	RUDRANGI WEST
149	18.620267	78.796303	27.11	V	CHENDURTHY	189	18.614206	78.737025	17.77	IV	RUDRANGI EAST	229	18.633683	78.677302	16.04	IV	RUDRANGI WEST
150	18.652261	78.636908	19.09	II	KONAPUR	190	18.600870	78.712614	11.03	IV	RUDRANGI EAST	230	18.619348	78.668284	36.81	V	RUDRANGI WEST
151	18.649740	78.618817	14.92	IV	KONAPUR	191	18.604187	78.734787	9.93	IV	RUDRANGI EAST	231	18.588666	78.662826	32.65	V	RUDRANGI WEST
152	18.648155	78.606032	8.69	IV	KONAPUR	192	18.599816	78.724060	10.96	IV	RUDRANGI EAST	232	18.610341	78.664170	34.10	V	RUDRANGI WEST
153	18.659737	78.634274	9.98	IV	KONAPUR	193	18.606803	78.717287	15.15	IV	RUDRANGI EAST	233	18.602129	78.663515	27.32	V	RUDRANGI WEST
154	18.654899	78.607222	11.40	IV	KONAPUR	194	18.618503	78.733312	17.22	IV	RUDRANGI EAST	234	18.596874	78.679844	45.61	V	RUDRANGI WEST
155	18.648354	78.641321	23.32	IV	KONAPUR	195	18.602809	78.733366	8.18	IV	RUDRANGI EAST	235	18.583106	78.712129	8.17	I	SANUGULA
156	18.644720	78.605420	13.08	IV	KONAPUR	196	18.603153	78.722811	7.36	IV	RUDRANGI EAST	236	18.577733	78.702977	6.85	I	SANUGULA
157	18.643484	78.648831	27.52	V	KONAPUR	197	18.608459	78.733303	22.79	IV	RUDRANGI EAST	237	18.573427	78.707007	5.73	I	SANUGULA
158	18.655741	78.638353	42.08	V	KONAPUR	198	18.606160	78.743364	19.51	IV	RUDRANGI EAST	238	18.572675	78.709080	12.32	I	SANUGULA
159	18.679190	78.605144	12.96	II	MANALA NORTH	199	18.595682	78.722121	7.93	IV	RUDRANGI EAST	239	18.574445	78.704765	6.70	II	SANUGULA
160	18.654175	78.621171	11.96	II	MANALA NORTH	200	18.611853	78.743997	5.86	IV	RUDRANGI EAST	240	18.570264	78.685214	12.01	II	SANUGULA

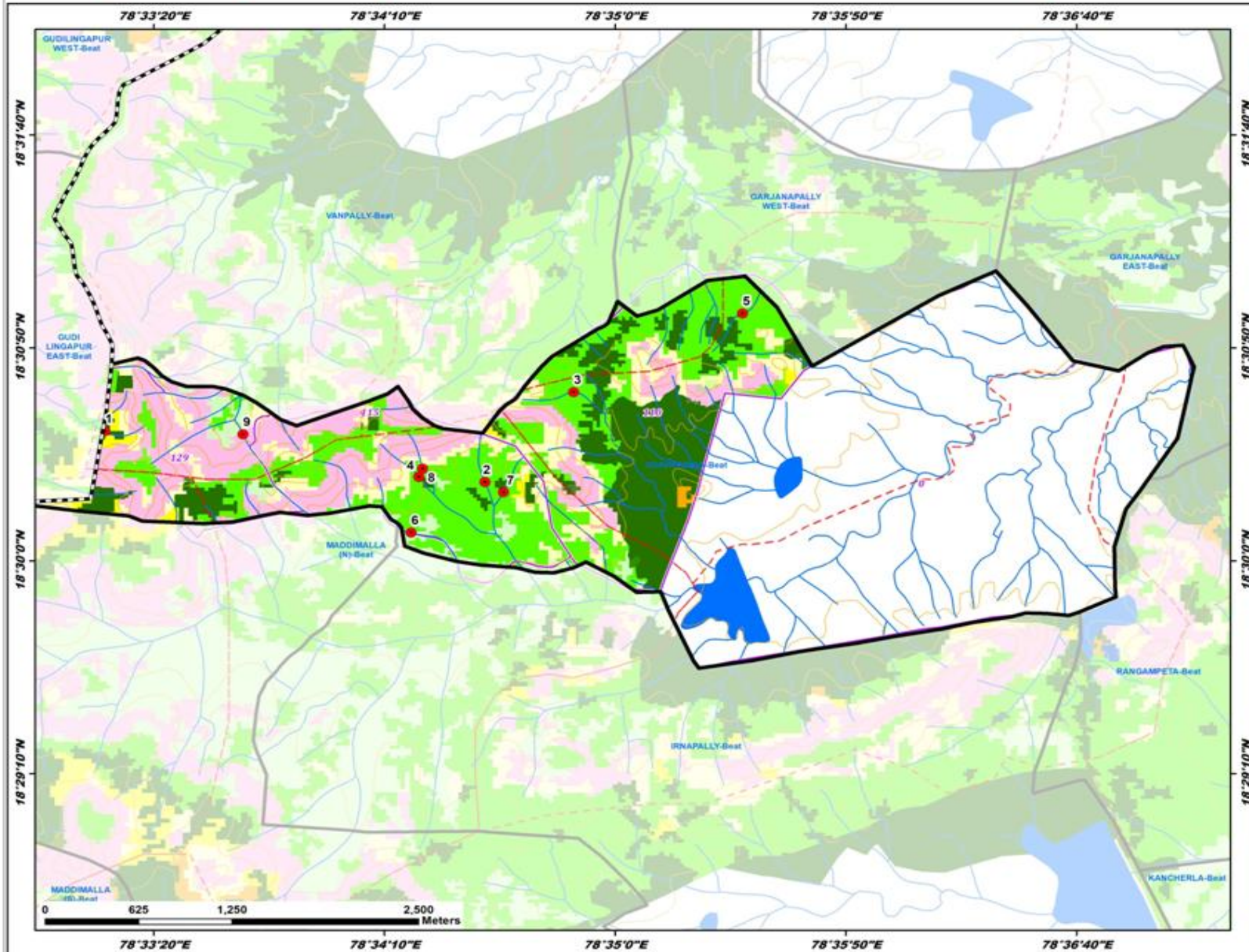
List of Proposed PTs – Chandurthy Mallial Range

ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat	ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat	ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat
241	18.581272	78.675922	5.65	II	SANUGULA	281	18.539266	78.641595	12.95	I	MARRIMADLA EAST	321	18.591922	78.859257	14.95	IV	VEMULAWADA
242	18.590023	78.699301	8.28	II	SANUGULA	282	18.533880	78.637389	9.10	II	MARRIMADLA EAST	322	18.586271	78.865043	13.14	IV	VEMULAWADA
243	18.586794	78.694064	6.98	II	SANUGULA	283	18.526387	78.637324	6.78	II	MARRIMADLA EAST	323	18.593123	78.874323	8.22	IV	VEMULAWADA
244	18.581644	78.700546	7.94	II	SANUGULA	284	18.538803	78.631593	12.36	II	MARRIMADLA EAST	324	18.587778	78.855204	8.86	IV	VEMULAWADA
245	18.580089	78.699705	4.63	II	SANUGULA	285	18.546068	78.639215	9.39	II	MARRIMADLA EAST	325	18.594273	78.852999	7.83	IV	VEMULAWADA
246	18.591471	78.681541	24.33	II	SANUGULA	286	18.564562	78.659326	7.00	II	MARRIMADLA EAST	326	18.594617	78.876726	8.30	IV	VEMULAWADA
247	18.585346	78.695667	8.93	II	SANUGULA	287	18.525610	78.630376	8.01	IV	MARRIMADLA EAST	327	18.582744	78.872496	15.58	IV	VEMULAWADA
248	18.576979	78.699120	6.55	II	SANUGULA	288	18.531448	78.633808	16.87	IV	MARRIMADLA EAST	328	18.593466	78.877633	8.41	IV	VEMULAWADA
249	18.573304	78.705934	7.44	II	SANUGULA	289	18.564316	78.658363	6.31	IV	MARRIMADLA EAST	329	18.588158	78.850694	27.21	V	VEMULAWADA
250	18.586704	78.690312	7.40	II	SANUGULA	290	18.533000	78.627453	6.26	IV	MARRIMADLA EAST						
251	18.586699	78.691352	5.93	II	SANUGULA	291	18.547006	78.663748	8.46	I	VATTIMALLA						
252	18.578347	78.711399	6.57	II	SANUGULA	292	18.565178	78.665684	7.93	II	VATTIMALLA						
253	18.585570	78.675668	15.81	II	SANUGULA	293	18.573031	78.669773	15.93	II	VATTIMALLA						
254	18.576353	78.703835	11.30	II	SANUGULA	294	18.567745	78.668388	9.14	II	VATTIMALLA						
255	18.582676	78.698807	6.03	II	SANUGULA	295	18.555914	78.674416	19.06	II	VATTIMALLA						
256	18.591865	78.699354	9.02	IV	SANUGULA	296	18.560606	78.675651	24.92	II	VATTIMALLA						
257	18.574439	78.692156	9.29	IV	SANUGULA	297	18.558532	78.666842	11.57	II	VATTIMALLA						
258	18.592054	78.689739	5.05	IV	SANUGULA	298	18.562653	78.658745	11.76	II	VATTIMALLA						
259	18.591053	78.692600	5.80	IV	SANUGULA	299	18.551443	78.661098	8.89	II	VATTIMALLA						
260	18.581916	78.679855	17.32	IV	SANUGULA	300	18.567953	78.662633	10.73	II	VATTIMALLA						
261	18.579626	78.688661	14.87	IV	SANUGULA	301	18.570775	78.677932	23.79	IV	VATTIMALLA						
262	18.587351	78.703548	9.63	IV	SANUGULA	302	18.568384	78.670886	34.70	III	VATTIMALLA						
263	18.591833	78.688540	5.17	IV	SANUGULA	303	18.600994	78.812104	7.73	IV	NUKALAMARRI						
264	18.548731	78.677301	9.44	I	BAVUSAIPET	304	18.601497	78.837540	5.77	IV	NUKALAMARRI						
265	18.542522	78.683593	9.36	I	BAVUSAIPET	305	18.593081	78.835175	6.12	IV	NUKALAMARRI						
266	18.537954	78.678206	17.06	I	BAVUSAIPET	306	18.604521	78.832116	4.57	IV	NUKALAMARRI						
267	18.534939	78.685539	13.92	II	BAVUSAIPET	307	18.597308	78.841512	6.35	IV	NUKALAMARRI						
268	18.564333	78.681260	6.04	II	BAVUSAIPET	308	18.606791	78.829446	6.24	IV	NUKALAMARRI						
269	18.551145	78.669226	9.54	II	BAVUSAIPET	309	18.601107	78.834673	7.14	IV	NUKALAMARRI						
270	18.544923	78.715983	8.03	II	BAVUSAIPET	310	18.608619	78.808834	25.73	V	NUKALAMARRI						
271	18.545835	78.690363	7.01	II	BAVUSAIPET	311	18.427835	78.835863	9.22	I	VEMULAWADA						
272	18.538492	78.688373	5.26	II	BAVUSAIPET	312	18.434608	78.839467	13.44	I	VEMULAWADA						
273	18.551598	78.673755	18.87	II	BAVUSAIPET	313	18.425541	78.845876	11.18	I	VEMULAWADA						
274	18.547679	78.706840	12.22	II	BAVUSAIPET	314	18.411956	78.837407	4.89	I	VEMULAWADA						
275	18.546785	78.673860	14.32	II	BAVUSAIPET	315	18.579937	78.872060	9.92	II	VEMULAWADA						
276	18.548810	78.688500	7.25	II	BAVUSAIPET	316	18.592497	78.853317	8.48	II	VEMULAWADA						
277	18.550028	78.681254	7.89	IV	BAVUSAIPET	317	18.585407	78.856393	5.61	II	VEMULAWADA						
278	18.550630	78.667755	6.51	IV	BAVUSAIPET	318	18.585752	78.859311	9.34	II	VEMULAWADA						
279	18.548824	78.670646	65.71	IV	BAVUSAIPET	319	18.590870	78.883340	13.00	IV	VEMULAWADA						
280	18.567110	78.680799	53.41	V	BAVUSAIPET	320	18.591415	78.878212	7.58	IV	VEMULAWADA						

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



Division : Rajanna Siricilla
Range : Chandurthy Mallial



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
1	18.508473	78.552628	8.57	I
2	18.505144	78.575494	17.69	II
3	18.511005	78.580835	15.28	II
4	18.506028	78.571749	4.58	II
5	18.516146	78.591016	5.93	II
6	18.501846	78.571050	11.58	II
7	18.504494	78.576615	8.19	II
8	18.505473	78.571515	7.61	II
9	18.506254	78.560928	6.94	IV

LEGEND

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

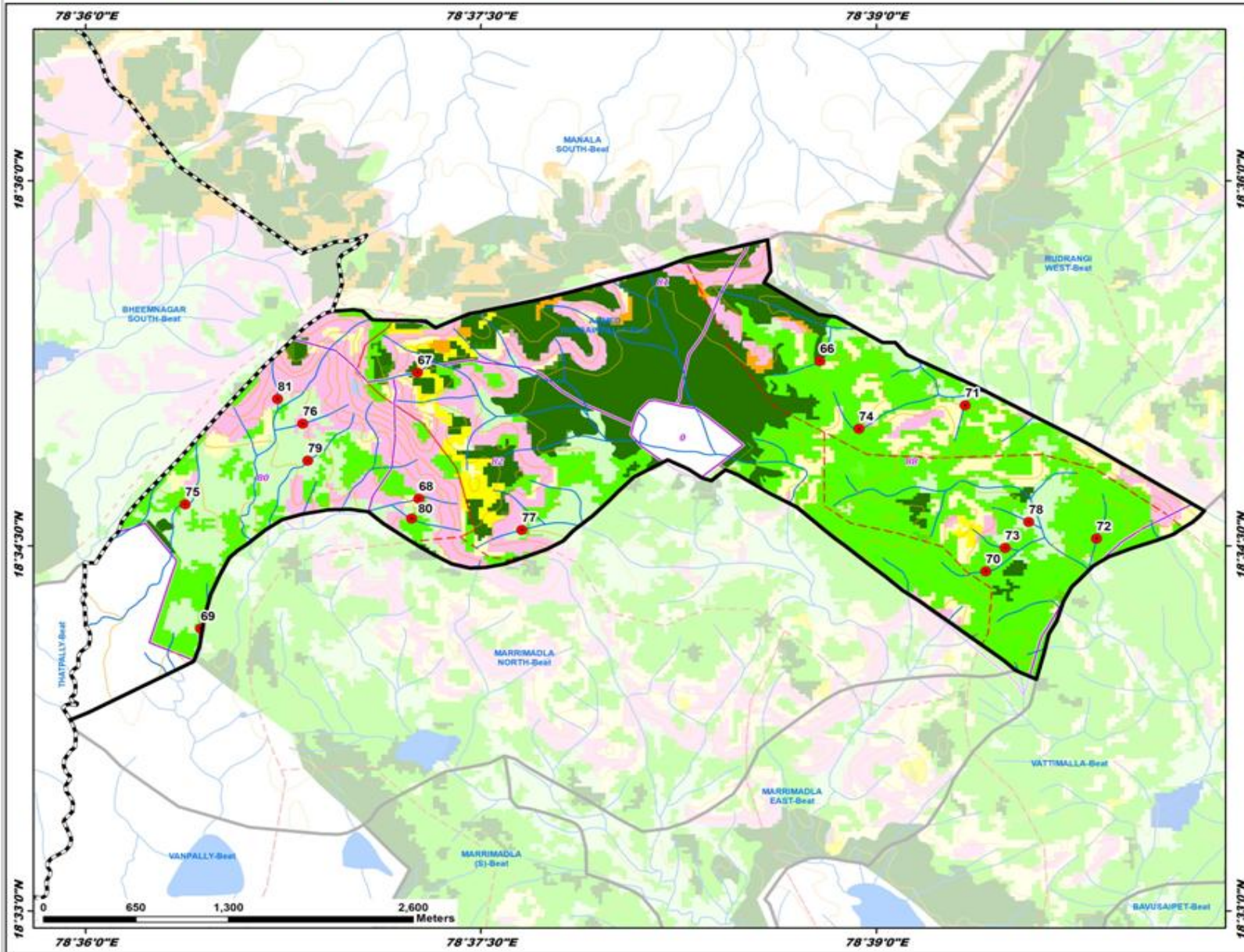
Suitability Index

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

Map Showing Suitability Index for Construction of SMC Works of Ahmed Hussainpally Beat



Division : Rajanna Siricilla
Range : Chandurthy Mallial



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
66	18.587656	78.646440	11.97	I
67	18.586876	78.620998	6.30	I
68	18.578236	78.621069	11.35	II
69	18.569328	78.607264	15.49	II
70	18.573245	78.656993	10.74	II
71	18.584634	78.655636	8.64	II
72	18.575490	78.663938	14.63	II
73	18.574868	78.658160	9.14	II
74	18.583023	78.648917	9.27	II
75	18.577943	78.606298	22.90	IV
76	18.583379	78.613735	5.04	IV
77	18.576091	78.627587	13.30	IV
78	18.576644	78.659651	7.30	IV
79	18.580841	78.614054	12.25	IV
80	18.576865	78.620627	8.92	IV
81	18.585069	78.632145	12.47	IV

LEGEND

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

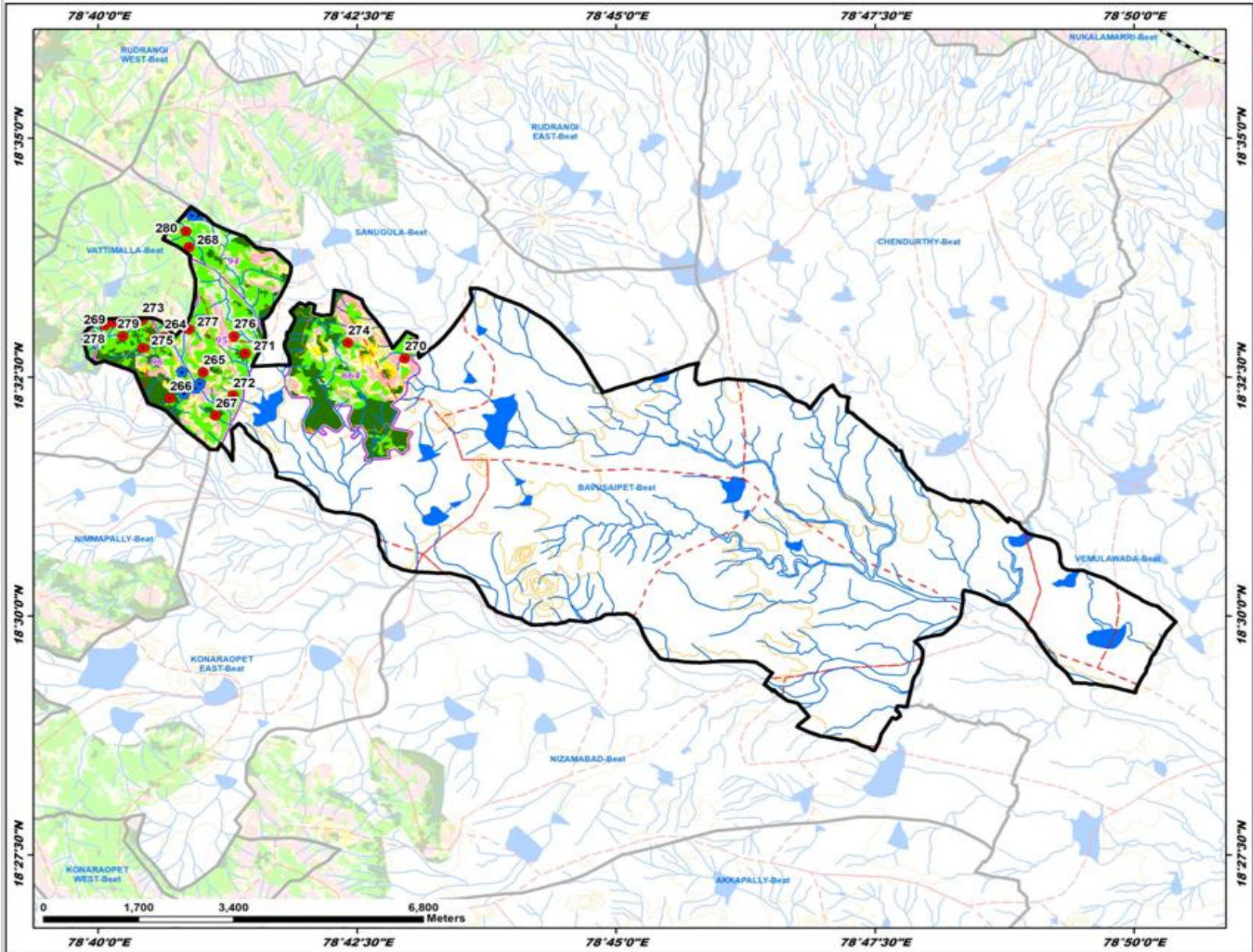
Suitability Index

- 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 Bavusaipet Beat



Division : Rajanna Siricilla
Range : Chandurthy Mallial



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
264	18.548731	78.677301	9.44	I
265	18.542522	78.683593	9.36	I
266	18.537954	78.678206	17.06	I
267	18.534939	78.685539	13.92	II
268	18.564333	78.681260	6.04	II
269	18.551145	78.669226	9.54	II
270	18.544923	78.715983	8.03	II
271	18.545835	78.690363	7.01	II
272	18.538492	78.688373	5.26	II
273	18.551598	78.673755	18.87	II
274	18.547679	78.706840	12.22	II
275	18.546785	78.673860	14.32	II
276	18.548810	78.688500	7.25	II
277	18.550028	78.681254	7.89	IV
278	18.550630	78.667755	6.51	IV
279	18.548824	78.670646	65.71	IV
280	18.567110	78.680799	53.41	V

LEGEND

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

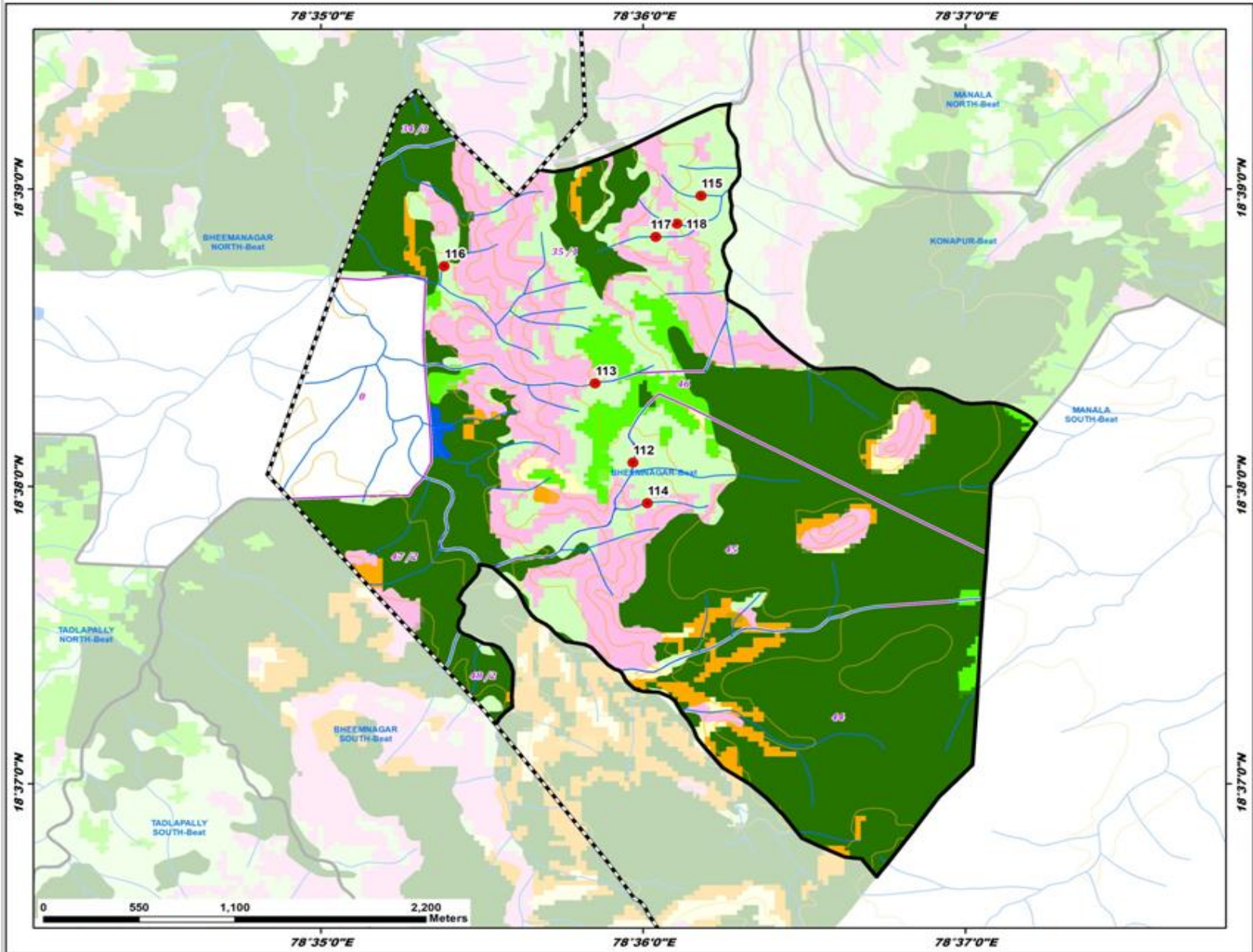
Suitability Index

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

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



Division : Rajanna Siricilla
Range : Chandurthy Mallial



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
112	18.634664	78.599479	22.58	IV
113	18.639109	78.597527	15.06	IV
114	18.632401	78.600218	18.84	IV
115	18.649618	78.603006	9.75	IV
116	18.645678	78.589714	8.44	IV
117	18.647328	78.600654	16.33	IV
118	18.648062	78.601753	5.43	IV

LEGEND

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

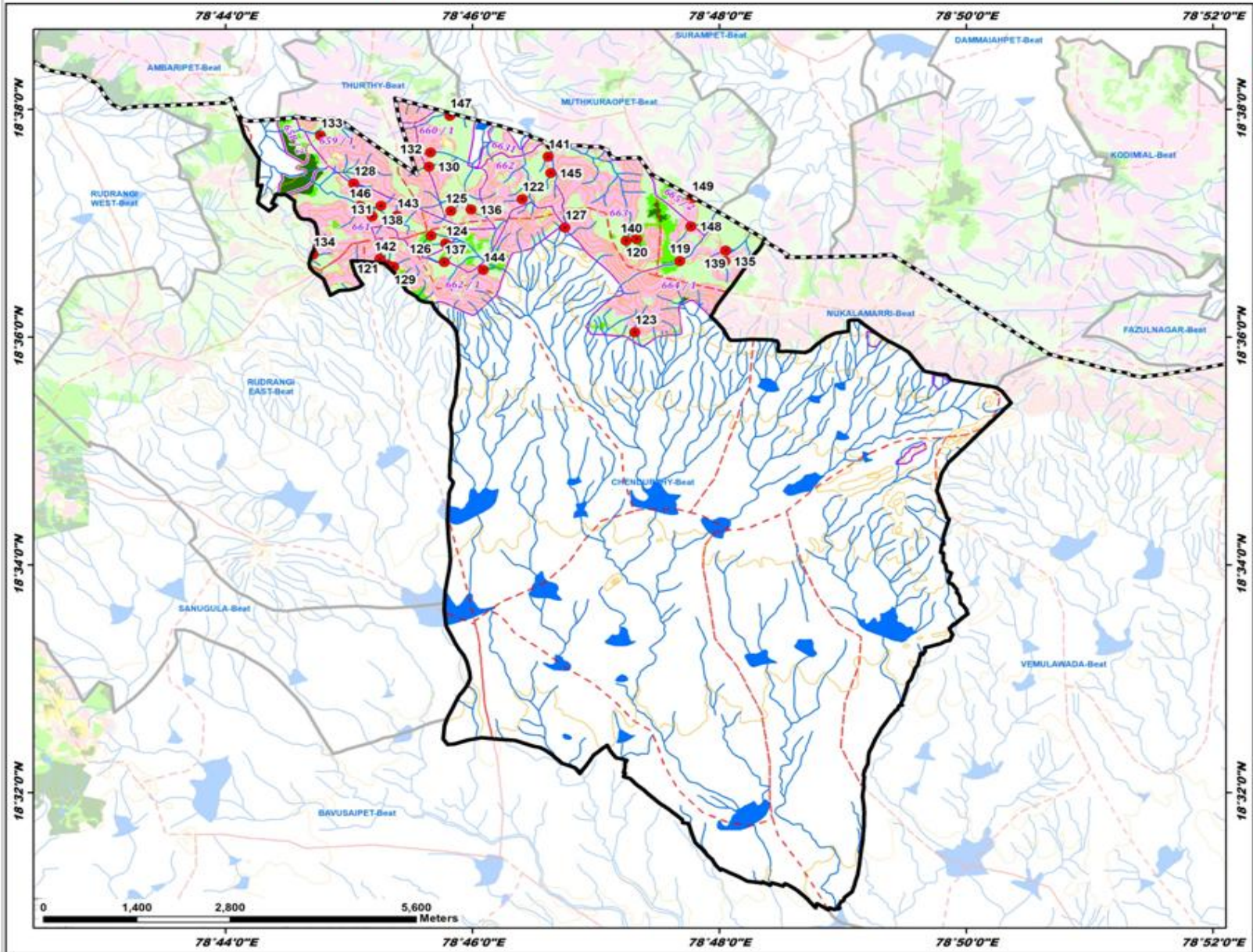
Suitability Index

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

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



Division : Rajanna Siricilla
Range : Chandurthy Mallial



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
119	18.611162	78.794705	18.50	II
120	18.614364	78.788854	7.76	II
121	18.610605	78.755195	6.99	II
122	18.620185	78.773396	4.50	IV
123	18.600719	78.788624	10.40	IV
124	18.613715	78.763060	5.62	IV
125	18.618483	78.761767	6.04	IV
126	18.614863	78.761084	8.75	IV
127	18.616036	78.779183	6.17	IV
128	18.622492	78.750662	9.55	IV
129	18.610127	78.756037	5.94	IV
130	18.624960	78.760821	23.35	IV
131	18.619251	78.754323	5.99	IV
132	18.627053	78.761032	12.61	IV
133	18.629496	78.746176	8.04	IV
134	18.612127	78.745174	8.21	IV
135	18.611110	78.800794	22.22	IV
136	18.618680	78.766517	5.47	IV
137	18.610999	78.762875	11.14	IV
138	18.617661	78.753139	6.50	IV
139	18.612701	78.800896	7.39	IV
140	18.614131	78.787842	5.85	IV
141	18.626433	78.776927	7.34	IV
142	18.613479	78.754190	7.76	IV
143	18.617750	78.756477	9.22	IV
144	18.609641	78.768158	7.23	IV
145	18.624039	78.777270	9.60	IV
146	18.619248	78.751512	43.09	V
147	18.612415	78.763633	39.68	V
148	18.616218	78.796211	30.95	V
149	18.620267	78.796303	27.11	V

LEGEND

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

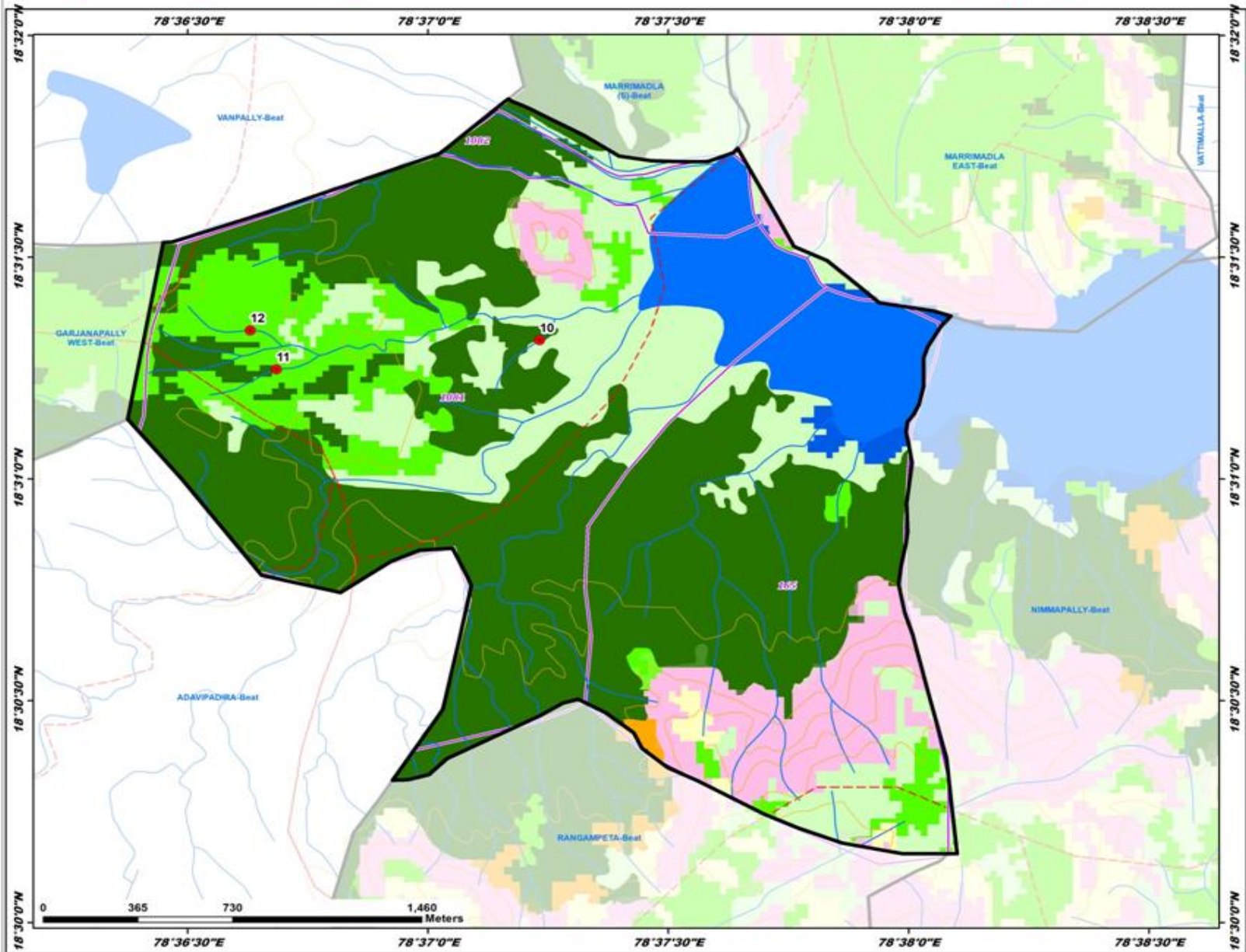
Suitability Index

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

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



Division : Rajanna Siricilla
Range : Chandurthy Mallial



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
10	18.521887	78.620541	6.88	I
11	18.520788	78.611416	5.26	II
12	18.522251	78.610599	4.57	II

LEGEND

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

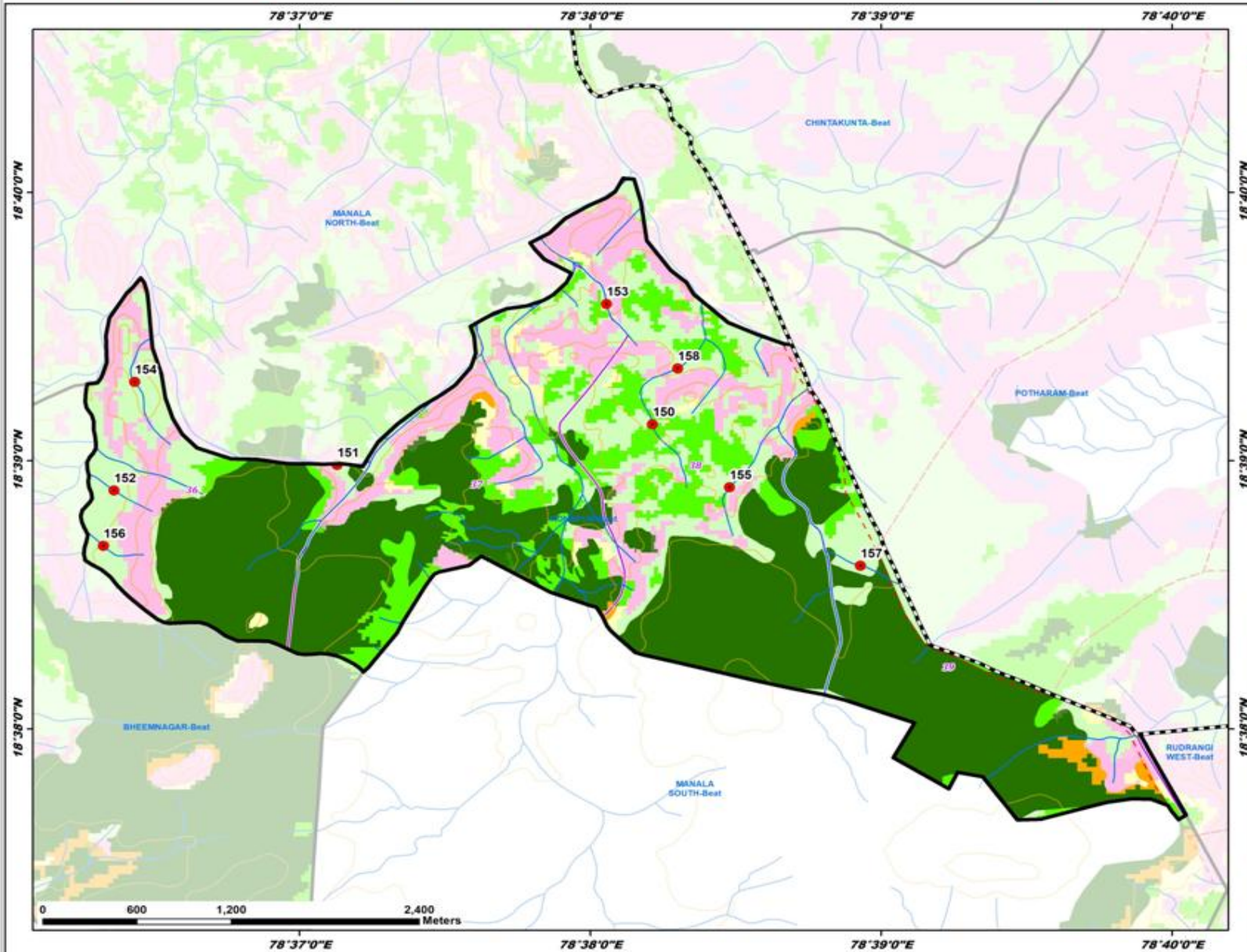
Suitability Index

- 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 Konapur Beat



Division : Rajanna Siricilla
Range : Chandurthy Mallial



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
150	18.652261	78.636908	19.09	II
151	18.649740	78.618817	14.92	IV
152	18.648135	78.606032	8.69	IV
153	18.659737	78.634274	9.98	IV
154	18.654899	78.607222	11.40	IV
155	18.648354	78.641321	23.32	IV
156	18.644720	78.605420	13.08	IV
157	18.643484	78.648831	27.52	V
158	18.655741	78.638353	42.08	V

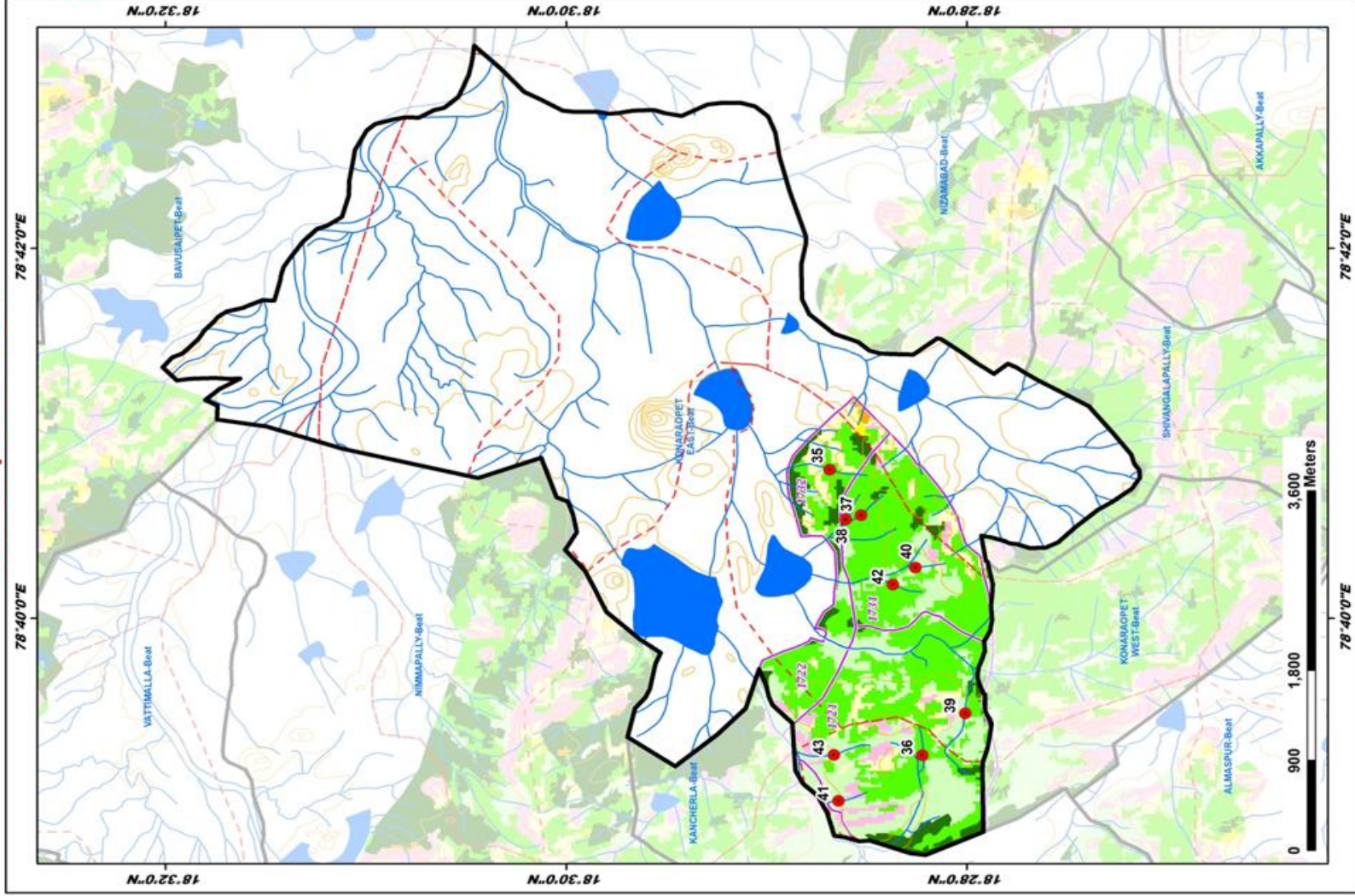
LEGEND

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

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



Division : Rajanna Siricilla
Range : Chandurthy Mallial



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
35	18.47651	78.68077	6.45	II
36	18.47038	78.65445	5.04	II
37	18.47564	78.67590	13.85	II
38	18.47543	78.67563	8.09	II
39	18.46772	78.68109	47.16	III
40	18.47087	78.67150	5.30	IV
41	18.47739	78.65024	17.66	IV
42	18.47203	78.66734	23.91	IV
43	18.47701	78.65478	25.20	V

LEGEND

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

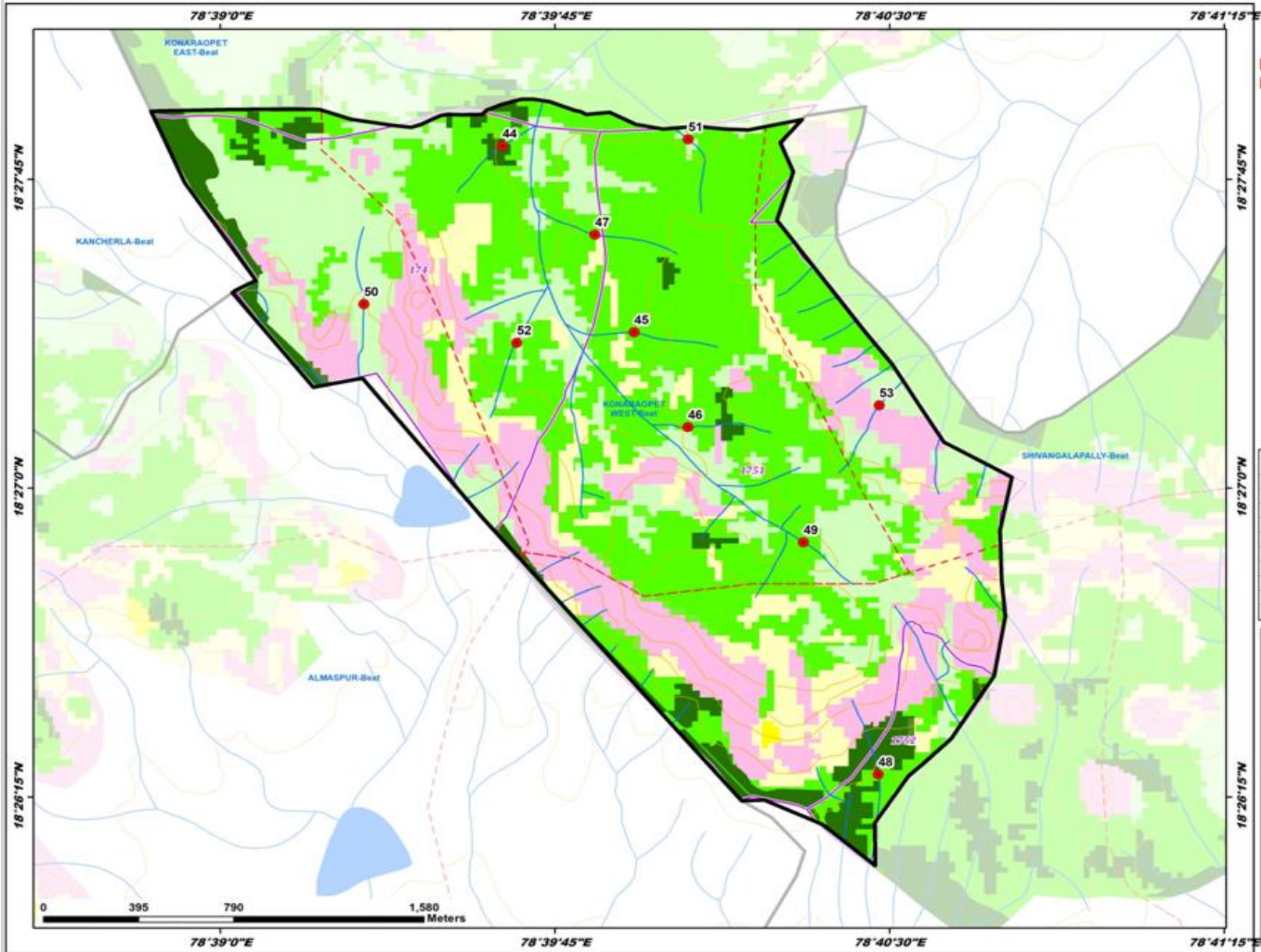
SUITABILITY INDEX

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

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



Division : Rajanna Siricilla
Range : Chandurthy Mallial



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
44	18.463862	78.660547	14.29	I
45	18.456312	78.665460	12.87	II
46	18.452473	78.667476	11.47	II
47	18.460269	78.664002	16.96	II
48	18.438420	78.674583	18.27	II
49	18.447817	78.671793	7.92	II
50	18.457453	78.655363	19.97	IV
51	18.464121	78.667480	12.50	IV
52	18.455887	78.661079	6.20	IV
53	18.453354	78.674621	8.43	IV

LEGEND

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

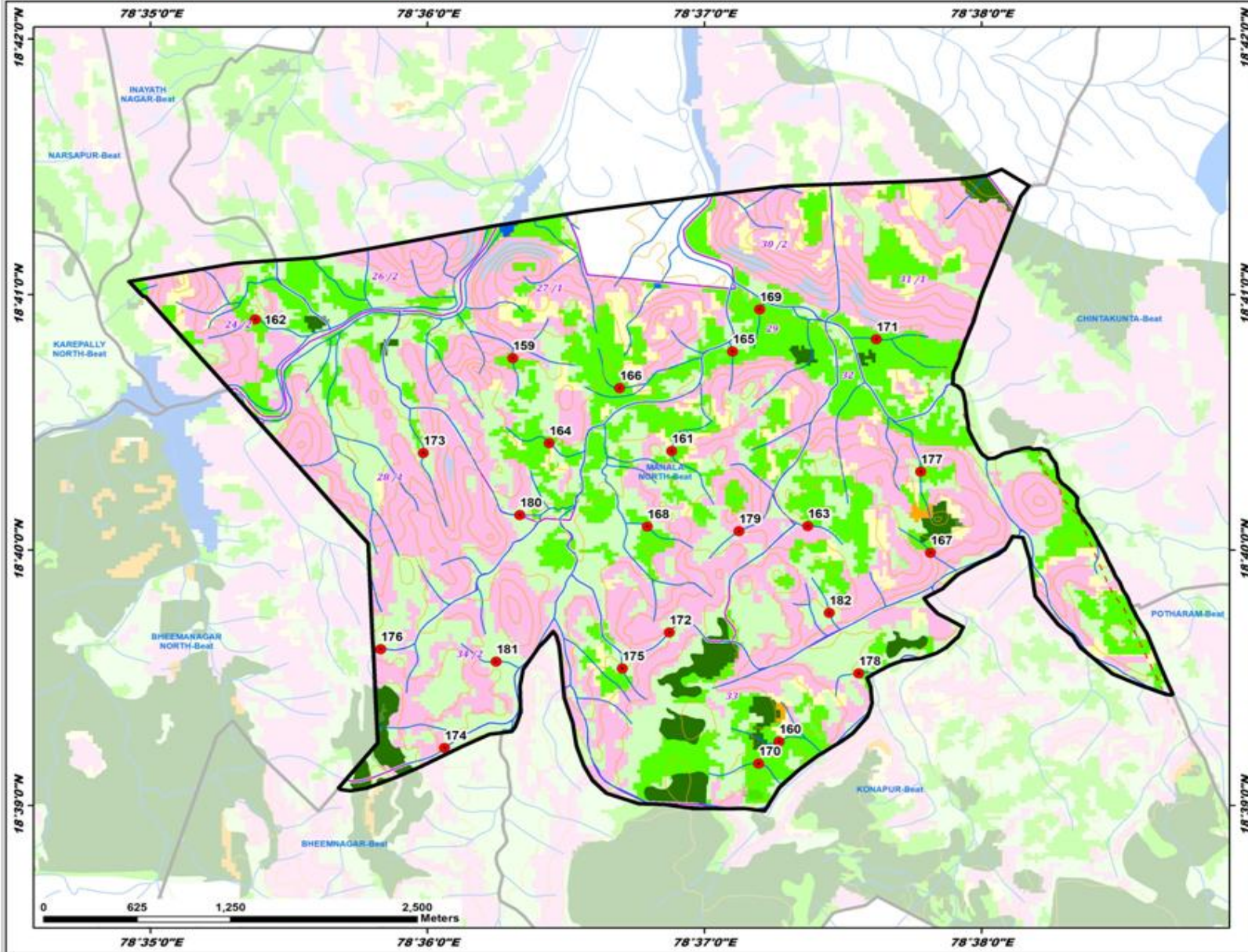
Suitability Index

- 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

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



Division : Rajanna Siricilla
Range : Chandurthy Mallial



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
159	18.679190	78.605144	12.96	II
160	18.654175	78.621171	11.96	II
161	18.673128	78.614708	12.00	II
162	18.681712	78.589650	5.82	II
163	18.668232	78.622895	8.85	II
164	18.673640	78.607332	12.55	II
165	18.679626	78.618377	6.03	II
166	18.677240	78.611570	6.03	II
167	18.666495	78.630284	7.15	II
168	18.668204	78.613245	16.04	II
169	18.682376	78.619998	8.09	II
170	18.652737	78.619932	13.05	II
171	18.680424	78.627026	47.57	III
172	18.661295	78.614560	8.26	IV
173	18.672596	78.599761	23.38	IV
174	18.653764	78.601032	14.30	IV
175	18.658946	78.611740	12.50	IV
176	18.660212	78.597197	8.80	IV
177	18.671789	78.629691	10.27	IV
178	18.658631	78.625969	11.08	IV
179	18.667899	78.618760	5.90	IV
180	18.668951	78.605565	8.75	IV
181	18.659387	78.604147	7.13	IV
182	18.662583	78.624194	7.02	IV

LEGEND

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

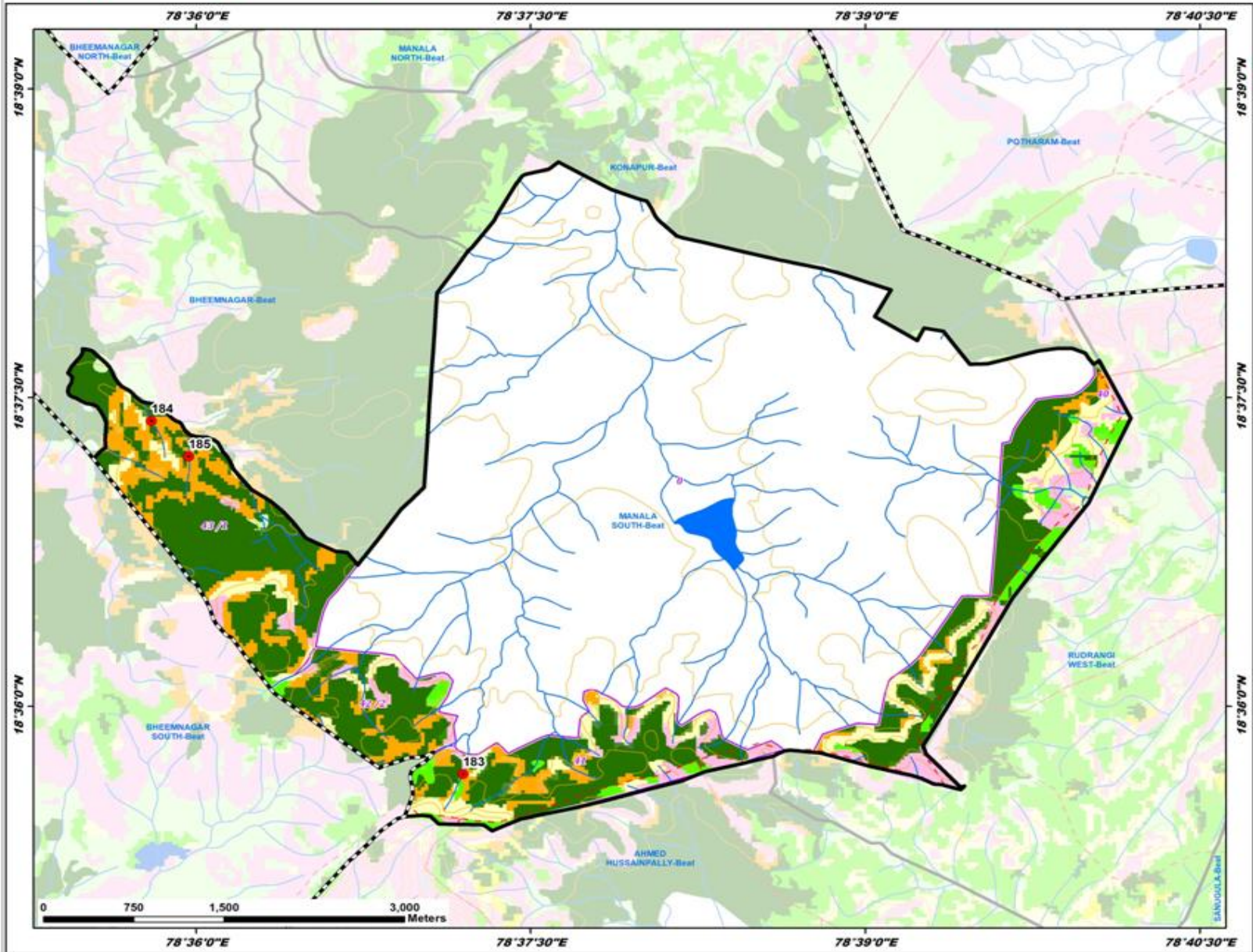
Suitability Index

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

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



Division : Rajanna Siricilla
Range : Chandurthy Mallial



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
183	18.594527	78.619951	12.00	1
184	18.623102	78.596670	9.04	1
185	18.620231	78.599461	14.50	1

LEGEND

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

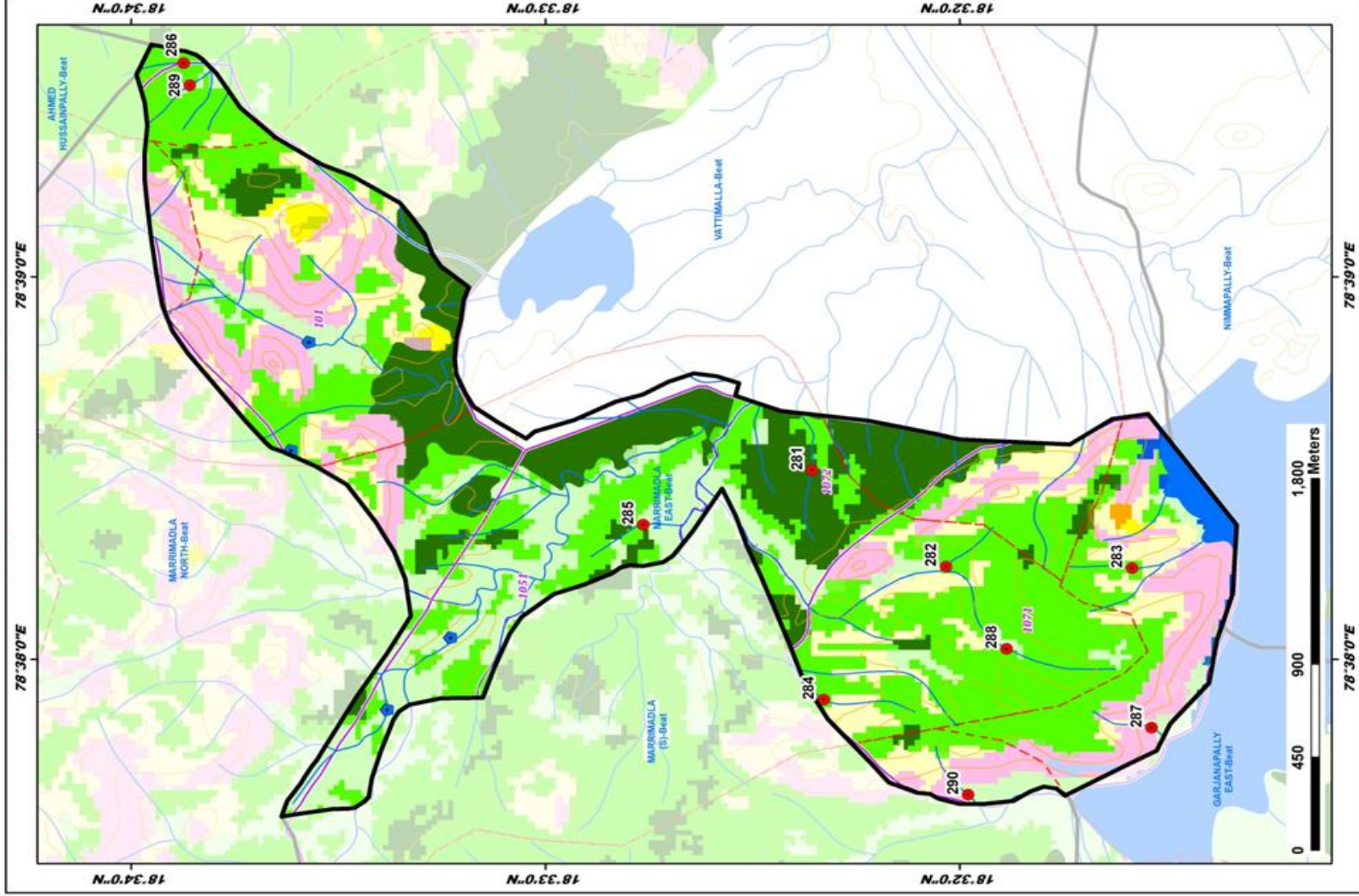
Suitability Index

- 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 Marrimadla East Beat



Division : Rajanna Siricilla
Range : Chandurthy Mallial



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
281	18.539266	78.641595	12.95	I
282	18.533880	78.637389	9.10	II
283	18.526387	78.637324	6.78	II
284	18.538803	78.631593	12.36	II
285	18.540668	78.639215	9.39	II
286	18.564562	78.609326	7.00	II
287	18.525610	78.630376	8.01	IV
288	18.531448	78.633808	16.87	IV
289	18.564316	78.658303	6.31	IV
290	18.533000	78.627453	6.26	IV

LEGEND

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

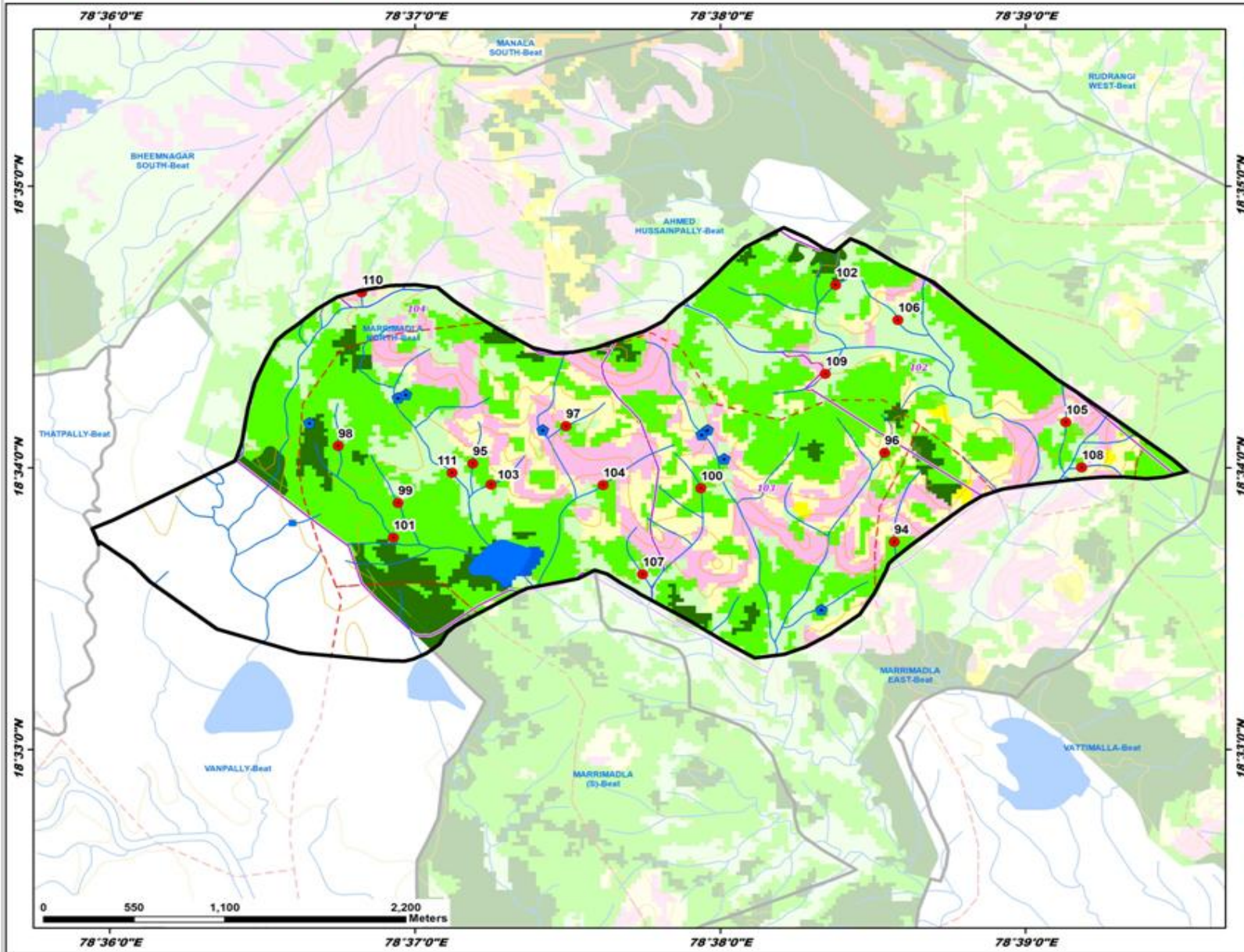
SUITABILITY INDEX

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

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



Division : Rajanna Siricilla
Range : Chandurthy Mallial



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
94	18.562301	78.642846	13.87	II
95	18.566933	78.619831	10.80	II
96	18.567564	78.642329	9.10	II
97	18.569148	78.624917	13.54	II
98	18.567967	78.612480	18.78	II
99	18.564601	78.615752	13.07	II
100	18.565469	78.632278	5.10	II
101	18.562543	78.615489	20.07	II
102	18.577898	78.639647	5.31	II
103	18.565687	78.620827	5.87	II
104	18.565664	78.626940	18.65	II
105	18.569382	78.652236	32.91	III
106	18.575422	78.643040	12.25	IV
107	18.560373	78.629098	8.68	IV
108	18.566702	78.653086	5.92	IV
109	18.572238	78.639087	12.67	IV
110	18.577053	78.613764	5.99	IV
111	18.566373	78.618699	61.31	V

LEGEND

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

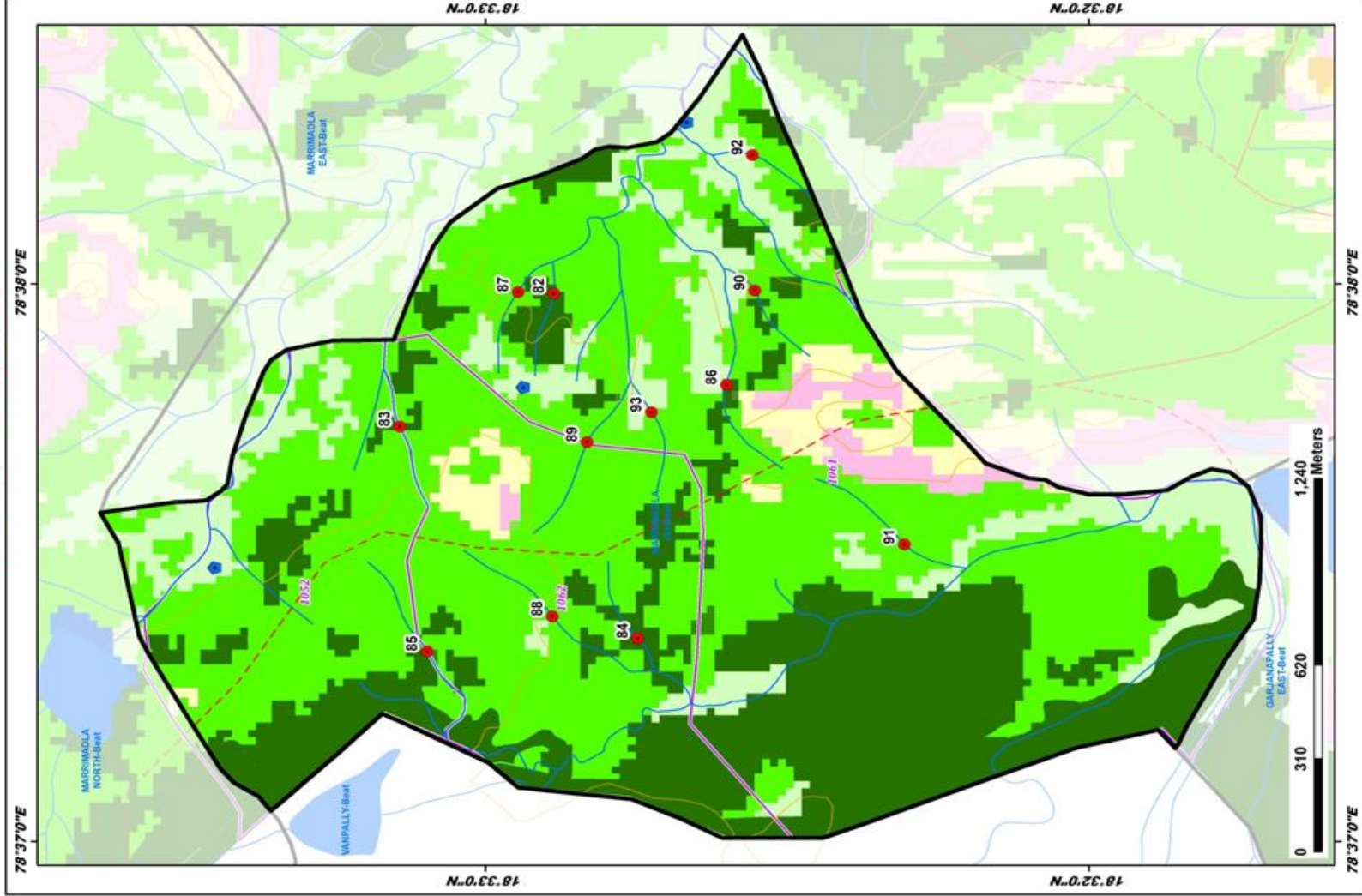
Suitability Index

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

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



Division : Rajanna Siricilla
Range : Chandurthy Mallial



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
82	18.548204	78.633053	4.89	I
83	18.552357	78.629073	7.94	I
84	18.545790	78.622738	6.26	I
85	18.551604	78.622951	11.72	I
86	18.543341	78.630323	7.20	I
87	18.549689	78.633099	8.79	II
88	18.548101	78.623988	8.63	II
89	18.547188	78.628603	12.51	II
90	18.542556	78.631150	5.99	II
91	18.538430	78.625549	9.52	II
92	18.542823	78.637190	6.01	IV
93	18.545416	78.629507	12.77	IV

LEGEND

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

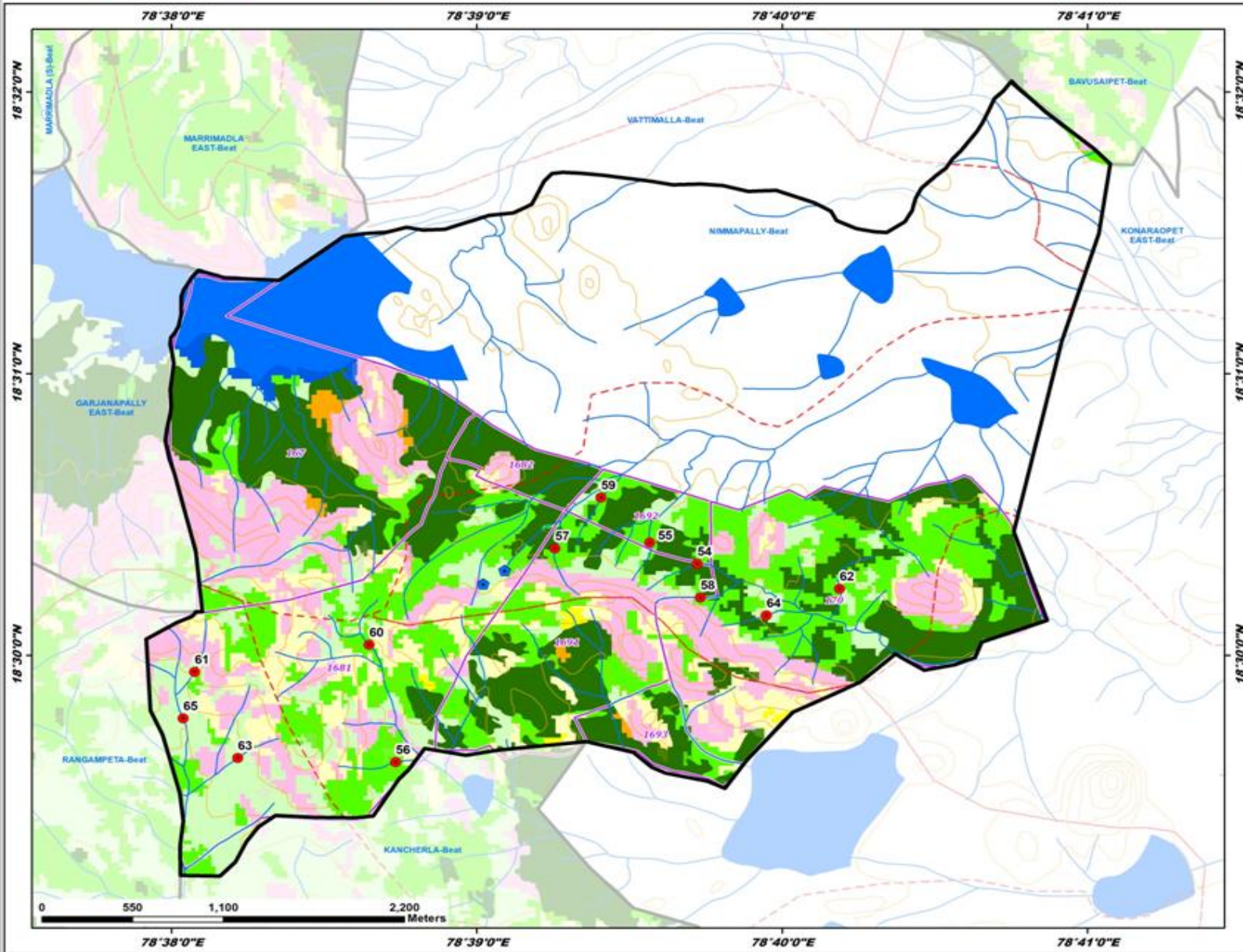
SUITABILITY INDEX

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

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



Division : Rajanna Siricilla
Range : Chandurthy Mallial



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
54	18.505422	78.662035	8.57	I
55	18.506680	78.659445	5.58	II
56	18.493686	78.645571	5.44	II
57	18.506336	78.654269	7.00	II
58	18.503429	78.662212	9.93	II
59	18.509343	78.656786	6.26	II
60	18.500636	78.644129	38.49	III
61	18.499035	78.634588	10.07	IV
62	18.503952	78.669804	13.59	IV
63	18.493936	78.636955	5.03	IV
64	18.502371	78.665807	8.82	IV
65	18.496296	78.633976	32.14	V

LEGEND

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

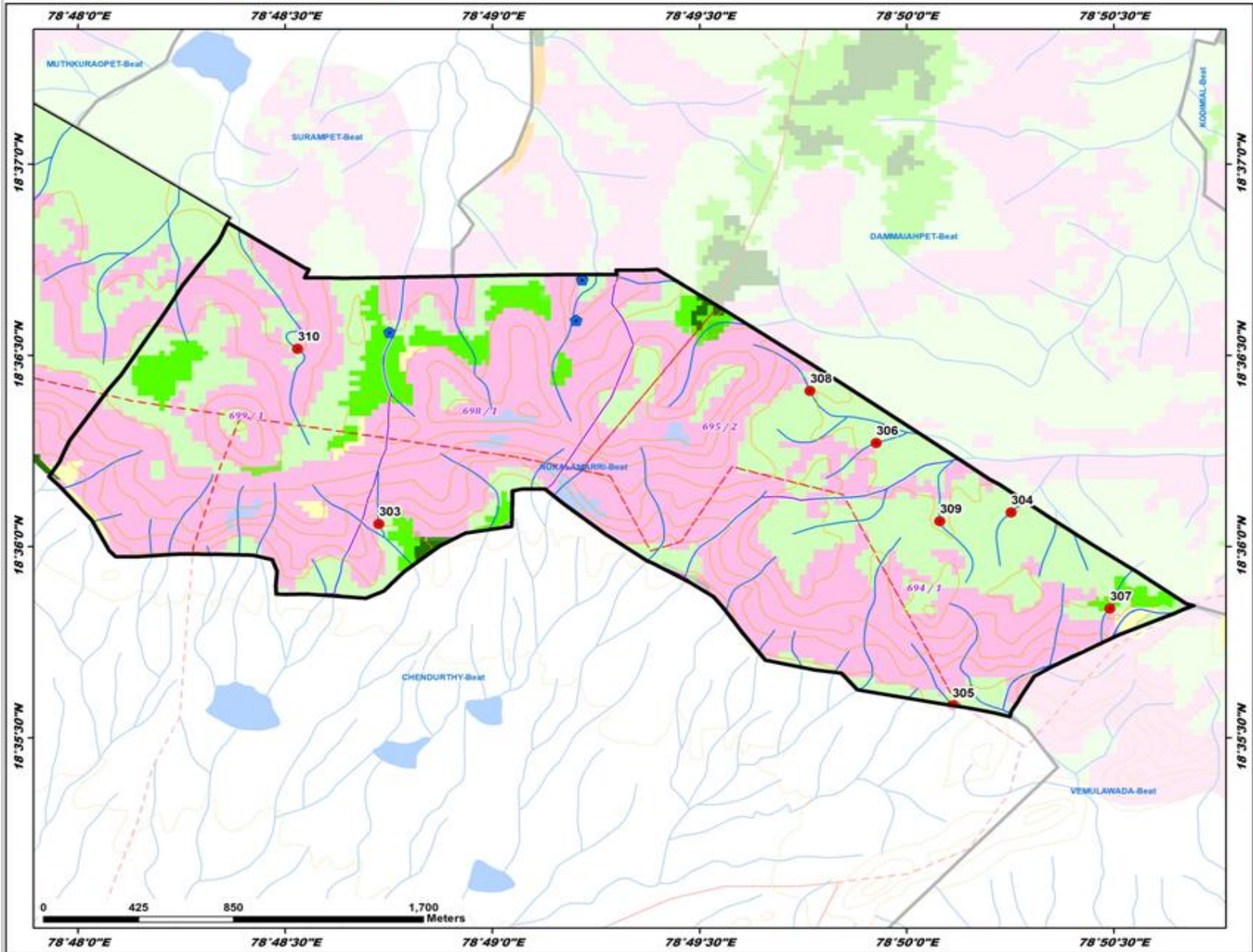
Suitability Index

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

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



Division : Rajanna Siricilla
Range : Chandurthy Mallial



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
303	18.600994	78.812104	7.73	IV
304	18.601497	78.837540	5.77	IV
305	18.599061	78.835175	6.12	IV
306	18.604521	78.832116	4.57	IV
307	18.597308	78.841512	6.35	IV
308	18.606791	78.829446	6.24	IV
309	18.601107	78.834673	7.14	IV
310	18.608619	78.808834	25.73	V

LEGEND

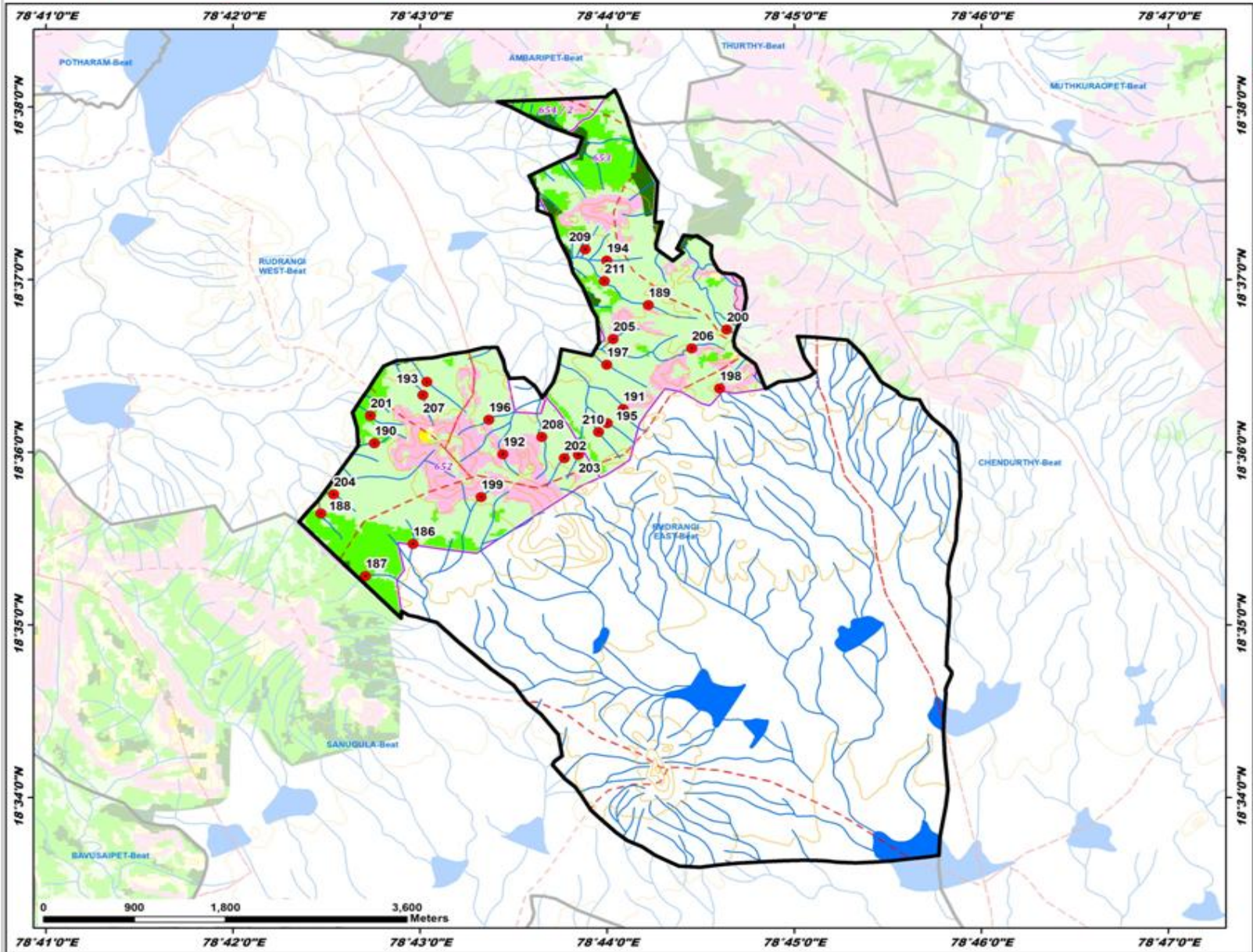
- Proposed PTs
- Existing CD/PTs
- Contours
- Streams
- - - Watershed Boundary
- - - Compartment Boundary
- ▭ Beat Boundary
- ▭ Division Boundary

Suitability Index

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



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



Division : Rajanna Siricilla
Range : Chandurthy Mallial

ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
186	18.591143	78.716054	23.53	II
187	18.588069	78.711817	22.70	II
188	18.594115	78.707837	10.01	IV
189	18.614206	78.737025	17.77	IV
190	18.600870	78.712634	11.03	IV
191	18.604187	78.734787	9.93	IV
192	18.599816	78.734060	10.96	IV
193	18.606803	78.717287	15.15	IV
194	18.618503	78.733312	17.22	IV
195	18.602809	78.733366	8.18	IV
196	18.603153	78.722811	7.36	IV
197	18.608459	78.733303	22.79	IV
198	18.606160	78.743364	25.51	IV
199	18.595682	78.722121	7.93	IV
200	18.611853	78.743997	5.86	IV
201	18.603535	78.712266	6.59	IV
202	18.599428	78.729533	5.81	IV
203	18.599767	78.730783	4.96	IV
204	18.595936	78.708981	20.97	IV
205	18.610940	78.733889	8.29	IV
206	18.610031	78.740894	9.73	IV
207	18.609540	78.716926	13.51	IV
208	18.601494	78.727535	11.46	IV
209	18.619605	78.731401	5.01	IV
210	18.601968	78.732591	7.91	IV
211	18.616531	78.733110	28.43	V

LEGEND

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

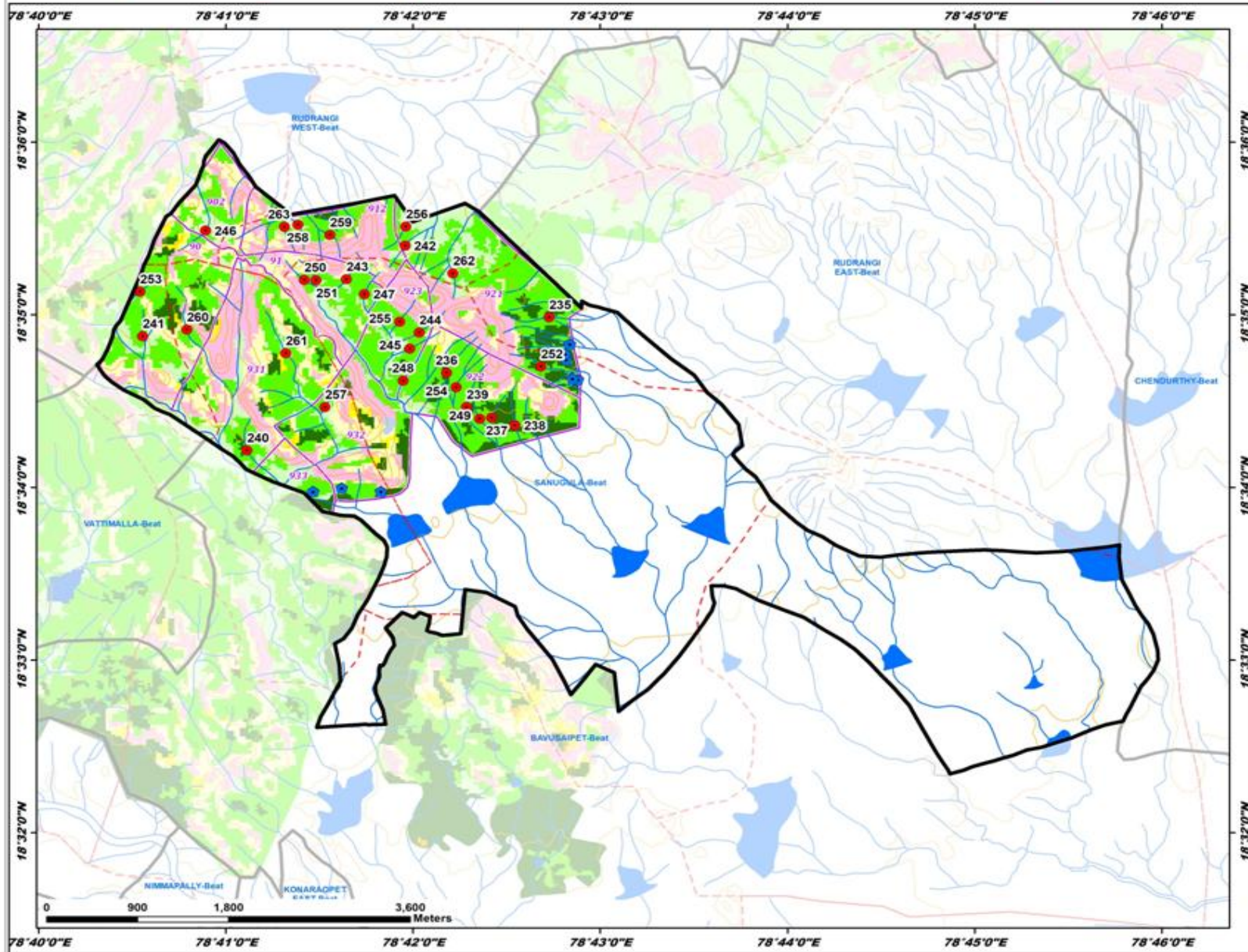
Suitability Index

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

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



Division : Rajanna Siricilla
Range : Chandurthy Mallial



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
235	18.583106	78.712129	8.17	I
236	18.577733	78.702977	6.85	I
237	18.573427	78.707007	5.73	I
238	18.572675	78.709080	12.32	I
239	18.574445	78.704705	6.70	II
240	18.570264	78.685214	12.01	II
241	18.581272	78.679022	5.65	II
242	18.590023	78.699301	8.28	II
243	18.586794	78.694064	6.98	II
244	18.581644	78.700546	7.94	II
245	18.580089	78.699705	4.63	II
246	18.591471	78.681541	24.33	II
247	18.585346	78.695667	8.93	II
248	18.578979	78.699120	6.55	II
249	18.573804	78.705994	7.44	II
250	18.586704	78.690312	7.40	II
251	18.586699	78.691352	5.93	II
252	18.578347	78.711399	6.57	II
253	18.585570	78.675668	15.81	II
254	18.576353	78.703835	11.30	II
255	18.582676	78.698807	6.03	II
256	18.591865	78.699354	9.02	IV
257	18.574439	78.692156	9.29	IV
258	18.592054	78.689739	5.05	IV
259	18.591053	78.692600	5.80	IV
260	18.582816	78.679855	17.32	IV
261	18.579626	78.688661	14.87	IV
262	18.587351	78.703548	9.63	IV
263	18.591833	78.685540	5.17	IV

LEGEND

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

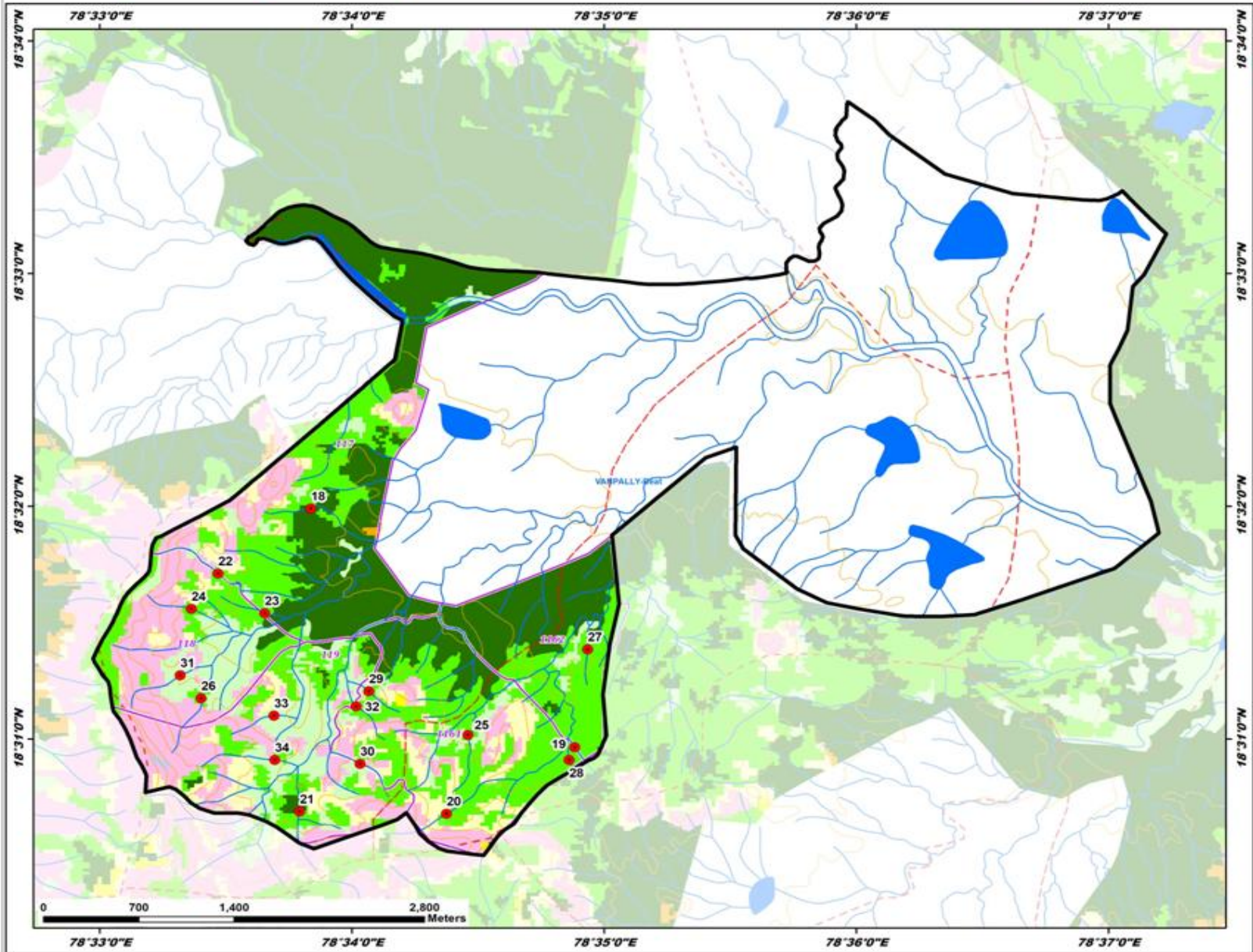
Suitability Index

- 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 Vanpally Beat



Division : Rajanna Siricilla
Range : Chandurthy Mallial



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
18	18.533169	78.563943	10.22	I
19	18.516078	78.581401	5.33	II
20	18.511316	78.572917	14.14	II
21	18.511469	78.563209	29.03	II
22	18.528511	78.557821	16.26	II
23	18.525680	78.560905	5.07	II
24	18.525990	78.556052	12.71	II
25	18.516953	78.574340	13.21	II
26	18.519580	78.556702	24.51	II
27	18.523095	78.582246	5.31	II
28	18.515175	78.581024	7.42	II
29	18.520085	78.567780	6.98	IV
30	18.514891	78.567200	14.16	IV
31	18.521232	78.555315	12.86	IV
32	18.519012	78.566951	6.36	IV
33	18.518835	78.561517	9.15	IV
34	18.515175	78.561567	9.45	IV

LEGEND

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

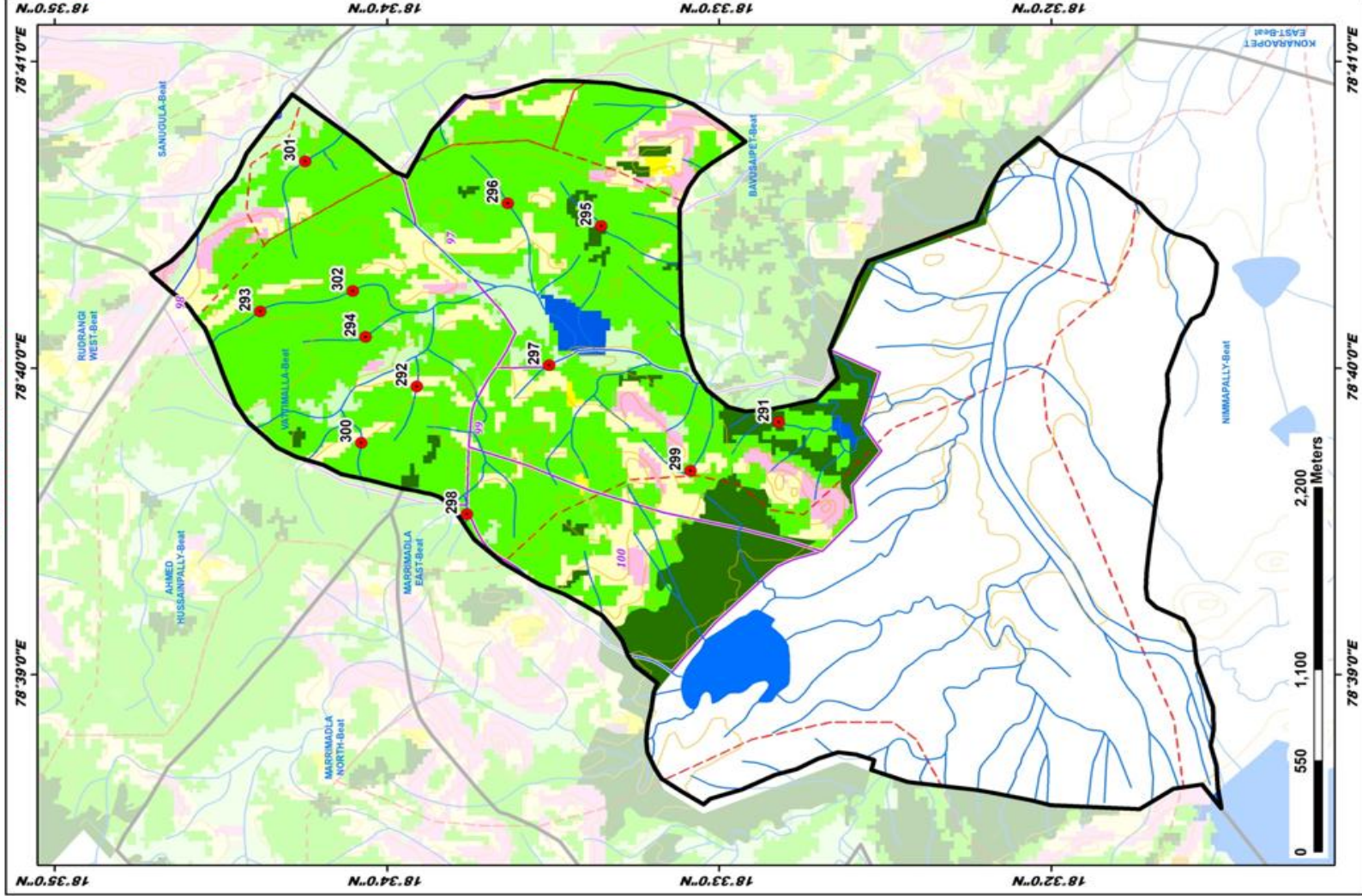
Suitability Index

- 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 Vattimalla Beat



Division : Rajanna Siricilla
Range : Chandurthy Mallial



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
291	18.547006	78.663748	8.46	I
292	18.565378	78.665604	7.93	II
293	18.573031	78.669773	15.93	II
294	18.567345	78.668388	9.14	II
295	18.555914	78.674416	10.06	II
296	18.560606	78.675651	24.92	II
297	18.538332	78.666842	11.57	II
298	18.562653	78.667345	11.76	II
299	18.551443	78.661098	8.89	II
300	18.567963	78.662633	10.73	II
301	18.570775	78.677932	23.79	IV
302	18.568384	78.670886	34.70	III

LEGEND

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

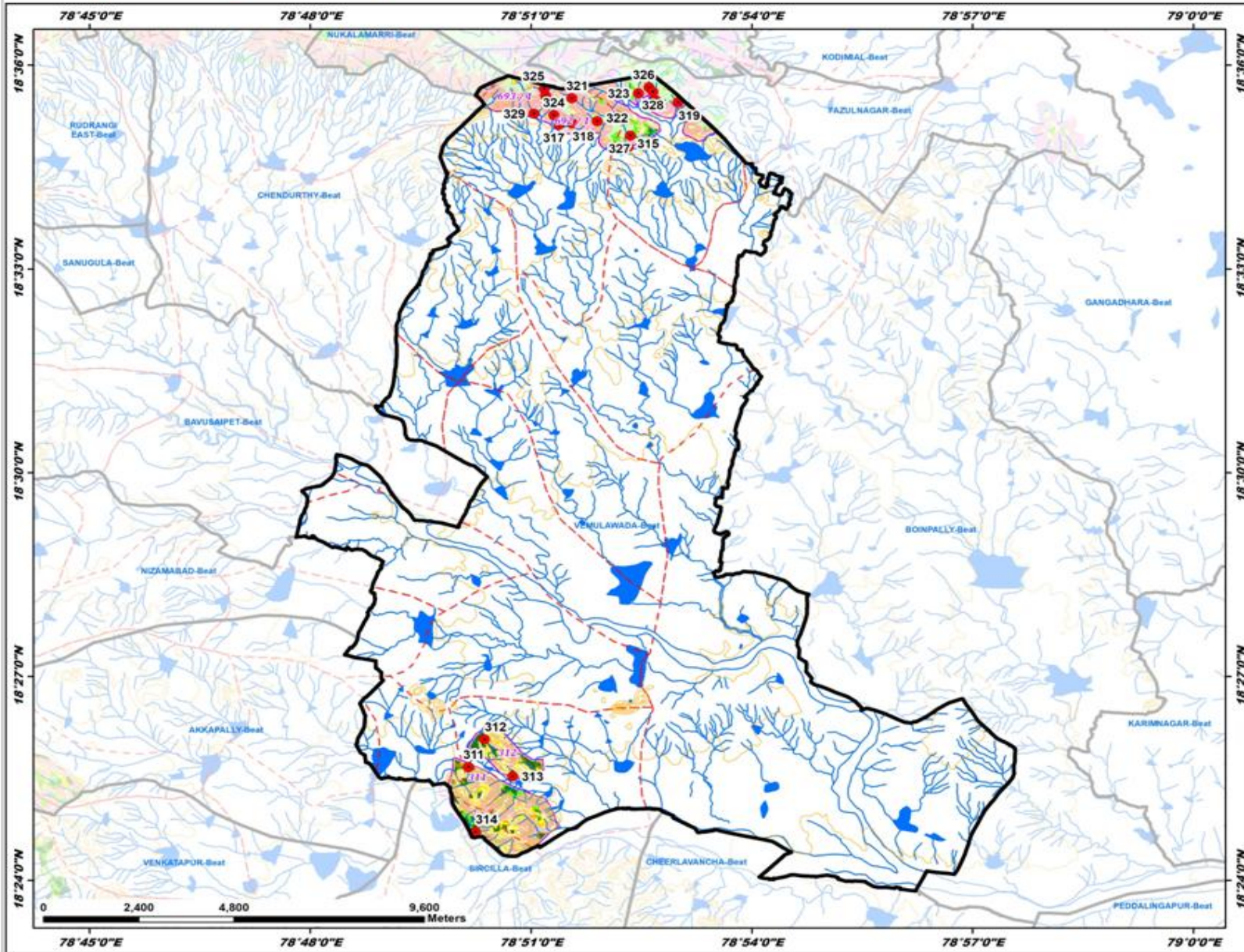
SUITABILITY INDEX

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

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



Division : Rajanna Siricilla
Range : Chandurthy Mallia



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
311	18.427835	78.835063	9.22	I
312	18.434608	78.839467	13.44	I
313	18.425541	78.845876	11.18	I
314	18.411956	78.837407	4.89	I
315	18.579937	78.872060	9.92	II
316	18.582497	78.853317	8.48	II
317	18.585407	78.856399	5.61	II
318	18.585752	78.859311	9.34	II
319	18.590870	78.883340	13.00	IV
320	18.591415	78.878212	7.58	IV
321	18.591922	78.859257	14.95	IV
322	18.586271	78.865043	13.14	IV
323	18.593123	78.874323	8.22	IV
324	18.587778	78.855204	8.86	IV
325	18.594273	78.852999	7.83	IV
326	18.594617	78.876726	8.30	IV
327	18.582744	78.872496	15.58	IV
328	18.593466	78.877683	8.41	IV
329	18.588158	78.850694	27.21	V

LEGEND

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

Suitability Index

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

Map Showing Siricilla Range in Rajanna Siricilla Division



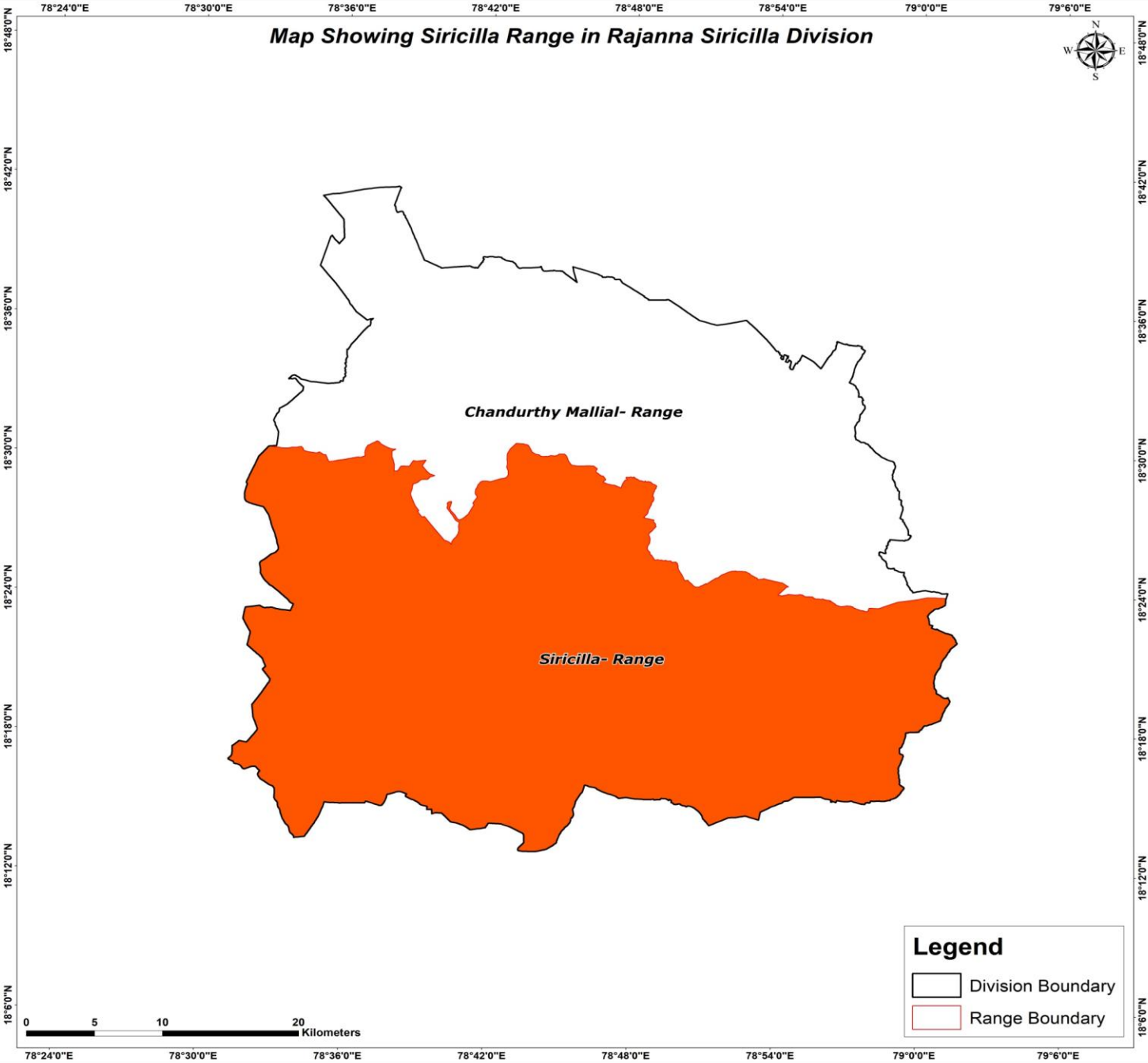
Chandurthy Mallial- Range

Siricilla- Range

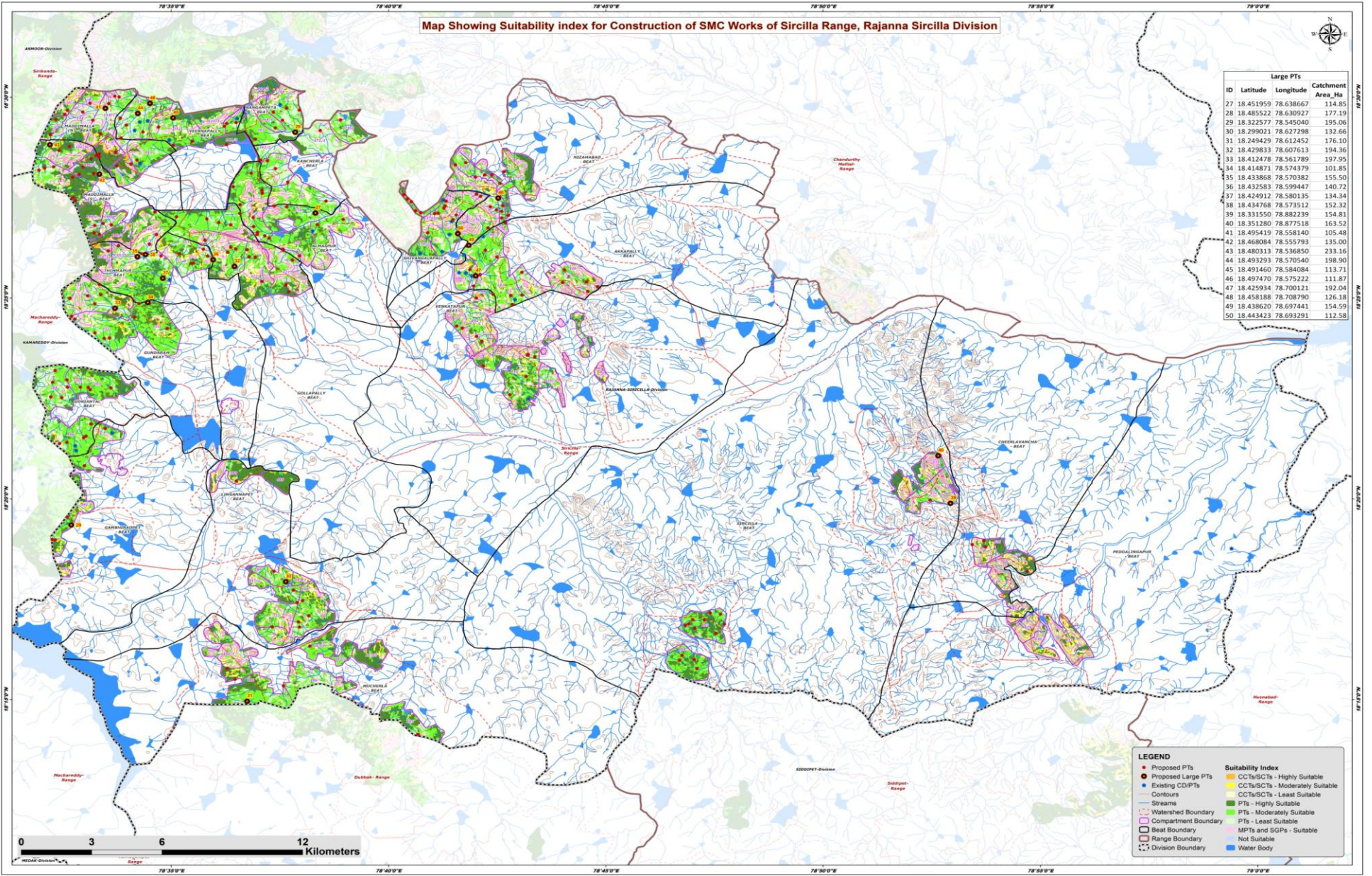


Legend

-  Division Boundary
-  Range Boundary



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



Large PTs			
ID	Latitude	Longitude	Catchment Area_Ma
27	18.451959	78.638667	114.85
28	18.485522	78.630927	177.19
29	18.322577	78.545040	195.06
30	18.299021	78.627298	132.66
31	18.249429	78.612452	176.10
32	18.429833	78.607613	194.36
33	18.412478	78.561789	197.95
34	18.414871	78.574379	101.85
35	18.433868	78.570382	155.50
36	18.432583	78.599447	140.72
37	18.424912	78.580135	134.34
38	18.434768	78.573512	152.32
39	18.331550	78.882239	154.81
40	18.351280	78.877518	163.52
41	18.495419	78.558140	105.48
42	18.468084	78.555793	135.00
43	18.480313	78.536850	233.16
44	18.493293	78.570540	198.90
45	18.491460	78.584084	113.71
46	18.497470	78.575222	111.87
47	18.425934	78.700121	192.04
48	18.458188	78.708790	126.18
49	18.438620	78.697441	154.59
50	18.443423	78.693291	112.58

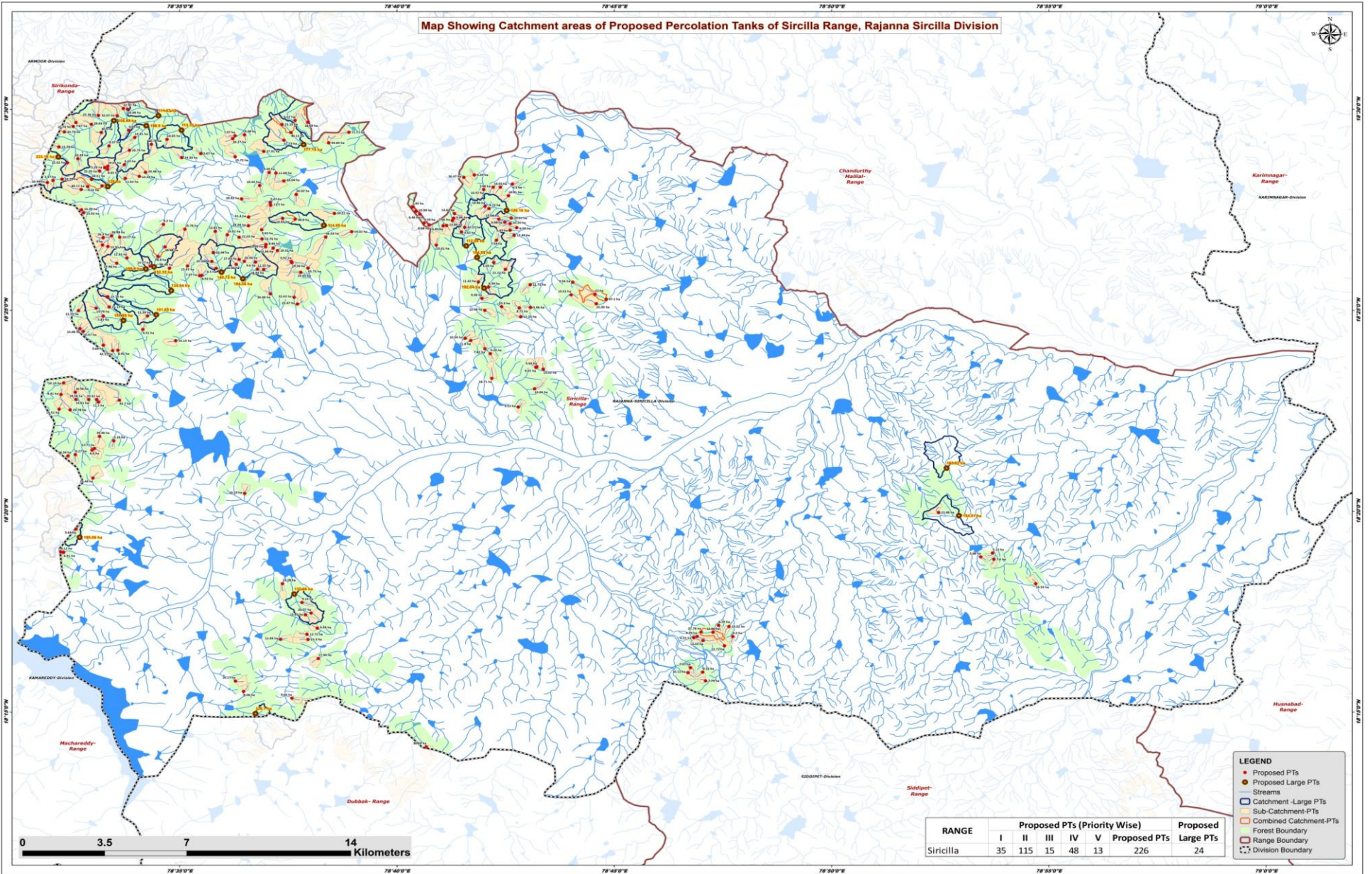
LEGEND

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

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

0 3 6 12 Kilometers

Map Showing Catchment areas of Proposed Percolation Tanks of Sircilla Range, Rajanna Sircilla Division



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

Beat wise Abstract of Proposed PT's – Siricilla Range

S. No.	Beat	Proposed PT's
1	AKKAPALLY	15
2	ALMASPUR	18
3	CHEERLAVANCHA	4
4	GAMBHIRAOPET	5
5	GOLLAPALLY	16
6	GORIANTAL	15
7	GUNDARAM	13
8	KANCHERLA	7
9	LINGANNAPET	9
10	MADDIMALLA (N)	17
11	MADDIMALLA (S)	21
12	MUCHERLA	5
13	NIZAMABAD	14
14	RANGAMPETA	6
15	SHIVANGALAPALLY	15
16	SIRCILLA	14
17	THIMMAPUR	9
18	VEERNAPALLY	11
19	VENKATAPUR	12
	Total	226

List of Proposed PTs – Siricilla 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
330	18.468533	78.614060	10.44	I	ALMASPUR	370	18.364441	78.552645	19.36	II	GORIANTAL	410	18.423577	78.618158	26.06	V	GOLLAPALLY
331	18.446336	78.614982	13.76	II	ALMASPUR	371	18.359431	78.550699	12.71	II	GORIANTAL	411	18.408747	78.569234	6.51	I	GUNDARAM
332	18.444027	78.616442	8.46	II	ALMASPUR	372	18.358782	78.549751	6.80	II	GORIANTAL	412	18.418111	78.556321	21.17	II	GUNDARAM
333	18.449355	78.649327	14.01	II	ALMASPUR	373	18.379706	78.548500	14.81	II	GORIANTAL	413	18.422354	78.555803	15.79	II	GUNDARAM
334	18.460286	78.618268	11.50	II	ALMASPUR	374	18.382737	78.543347	16.56	II	GORIANTAL	414	18.404096	78.581856	15.15	II	GUNDARAM
335	18.443075	78.616298	10.99	II	ALMASPUR	375	18.375393	78.541386	25.78	III	GORIANTAL	415	18.400139	78.559677	8.45	II	GUNDARAM
336	18.462914	78.607088	10.42	II	ALMASPUR	376	18.386602	78.538868	14.14	IV	GORIANTAL	416	18.416594	78.544578	11.55	II	GUNDARAM
337	18.441510	78.620899	19.52	II	ALMASPUR	377	18.379425	78.560245	62.70	IV	GORIANTAL	417	18.402254	78.554072	5.68	II	GUNDARAM
338	18.461422	78.618129	9.47	II	ALMASPUR	378	18.379745	78.543594	18.56	IV	GORIANTAL	418	18.414394	78.571044	13.34	II	GUNDARAM
339	18.455441	78.609778	31.40	III	ALMASPUR	379	18.381781	78.537875	9.41	IV	GORIANTAL	419	18.399985	78.557669	42.53	III	GUNDARAM
340	18.447143	78.639381	43.53	III	ALMASPUR	380	18.356335	78.540525	34.34	V	GORIANTAL	420	18.409149	78.545138	15.06	IV	GUNDARAM
341	18.450123	78.614810	5.61	IV	ALMASPUR	381	18.340754	78.608298	10.23	I	LINGANNAPET	421	18.408001	78.546388	10.47	IV	GUNDARAM
342	18.434240	78.632579	65.73	IV	ALMASPUR	382	18.303346	78.622791	15.28	II	LINGANNAPET	422	18.417610	78.551329	13.78	IV	GUNDARAM
343	18.436991	78.626190	9.92	IV	ALMASPUR	383	18.291150	78.633757	20.07	II	LINGANNAPET	423	18.414321	78.554069	5.85	IV	GUNDARAM
344	18.442512	78.619224	13.44	IV	ALMASPUR	384	18.280186	78.632588	15.30	II	LINGANNAPET	424	18.431205	78.591808	8.92	II	THIMMAPUR
345	18.454876	78.622858	14.65	IV	ALMASPUR	385	18.284883	78.636169	9.49	II	LINGANNAPET	425	18.436251	78.559216	19.94	II	THIMMAPUR
346	18.436485	78.626404	19.56	IV	ALMASPUR	386	18.290444	78.631629	21.81	II	LINGANNAPET	426	18.435098	78.586376	13.63	II	THIMMAPUR
347	18.454560	78.627673	36.80	III	ALMASPUR	387	18.295518	78.630256	9.24	II	LINGANNAPET	427	18.431119	78.590979	7.57	II	THIMMAPUR
348	18.473907	78.617653	9.49	I	KANCHERLA	388	18.282349	78.632186	12.71	II	LINGANNAPET	428	18.435060	78.572087	14.27	II	THIMMAPUR
349	18.473661	78.620280	11.68	II	KANCHERLA	389	18.280270	78.622091	11.93	II	LINGANNAPET	429	18.434155	78.597389	6.50	II	THIMMAPUR
350	18.490584	78.648274	11.51	IV	KANCHERLA	390	18.258588	78.607865	8.06	I	MUCHERLA	430	18.438449	78.563163	11.16	IV	THIMMAPUR
351	18.470407	78.623338	18.04	IV	KANCHERLA	391	18.262946	78.604765	16.17	I	MUCHERLA	431	18.436981	78.595718	22.21	IV	THIMMAPUR
352	18.464784	78.628069	16.02	IV	KANCHERLA	392	18.255822	78.626426	9.66	II	MUCHERLA	432	18.434193	78.579453	98.94	V	THIMMAPUR
353	18.486183	78.640511	54.65	V	KANCHERLA	393	18.272298	78.636542	17.04	II	MUCHERLA	433	18.316036	78.895122	5.13	I	CHEERLAVANCHA
354	18.456929	78.642731	33.21	V	KANCHERLA	394	18.235698	78.677958	36.69	V	MUCHERLA	434	18.313454	78.895644	7.60	I	CHEERLAVANCHA
355	18.493820	78.622576	15.15	II	RANGAMPETA	395	18.436740	78.612466	9.60	I	GOLLAPALLY	435	18.303295	78.911681	10.55	I	CHEERLAVANCHA
356	18.482641	78.615613	27.91	III	RANGAMPETA	396	18.419333	78.628527	22.47	I	GOLLAPALLY	436	18.314422	78.890588	5.68	II	CHEERLAVANCHA
357	18.495498	78.627592	6.57	IV	RANGAMPETA	397	18.422113	78.627250	22.63	I	GOLLAPALLY	437	18.286041	78.790071	6.59	I	SIRCILLA
358	18.487276	78.623320	57.73	IV	RANGAMPETA	398	18.433668	78.615625	18.93	II	GOLLAPALLY	438	18.281412	78.795490	5.20	I	SIRCILLA
359	18.494704	78.632497	18.69	IV	RANGAMPETA	399	18.450379	78.585401	15.76	II	GOLLAPALLY	439	18.279772	78.784102	13.33	I	SIRCILLA
360	18.490471	78.626040	40.15	V	RANGAMPETA	400	18.448033	78.601622	10.81	II	GOLLAPALLY	440	18.285572	78.794023	10.32	II	SIRCILLA
361	18.325931	78.543601	5.65	I	GAMBHIRAOPET	401	18.440660	78.596261	23.98	II	GOLLAPALLY	441	18.268463	78.779279	7.47	II	SIRCILLA
362	18.316473	78.537796	6.12	II	GAMBHIRAOPET	402	18.435771	78.605038	10.92	II	GOLLAPALLY	442	18.262998	78.785047	7.79	II	SIRCILLA
363	18.316323	78.538852	6.91	II	GAMBHIRAOPET	403	18.433855	78.613199	11.55	II	GOLLAPALLY	443	18.332855	78.874418	15.08	II	SIRCILLA
364	18.362605	78.558089	5.16	II	GAMBHIRAOPET	404	18.449502	78.597034	12.82	II	GOLLAPALLY	444	18.281434	78.781810	9.23	II	SIRCILLA
365	18.347148	78.550097	25.44	III	GAMBHIRAOPET	405	18.437806	78.606182	17.63	II	GOLLAPALLY	445	18.277567	78.792281	12.71	II	SIRCILLA
366	18.378689	78.552258	11.30	II	GORIANTAL	406	18.437058	78.608137	26.96	III	GOLLAPALLY	446	18.283187	78.787865	12.86	II	SIRCILLA
367	18.356846	78.543365	9.27	II	GORIANTAL	407	18.451824	78.609712	29.04	III	GOLLAPALLY	447	18.266440	78.778343	10.11	II	SIRCILLA
368	18.375689	78.537157	13.51	II	GORIANTAL	408	18.432455	78.629807	29.65	III	GOLLAPALLY	448	18.266645	78.783949	9.16	II	SIRCILLA
369	18.379688	78.551505	10.31	II	GORIANTAL	409	18.447018	78.606166	22.03	IV	GOLLAPALLY	449	18.280902	78.780531	6.53	IV	SIRCILLA

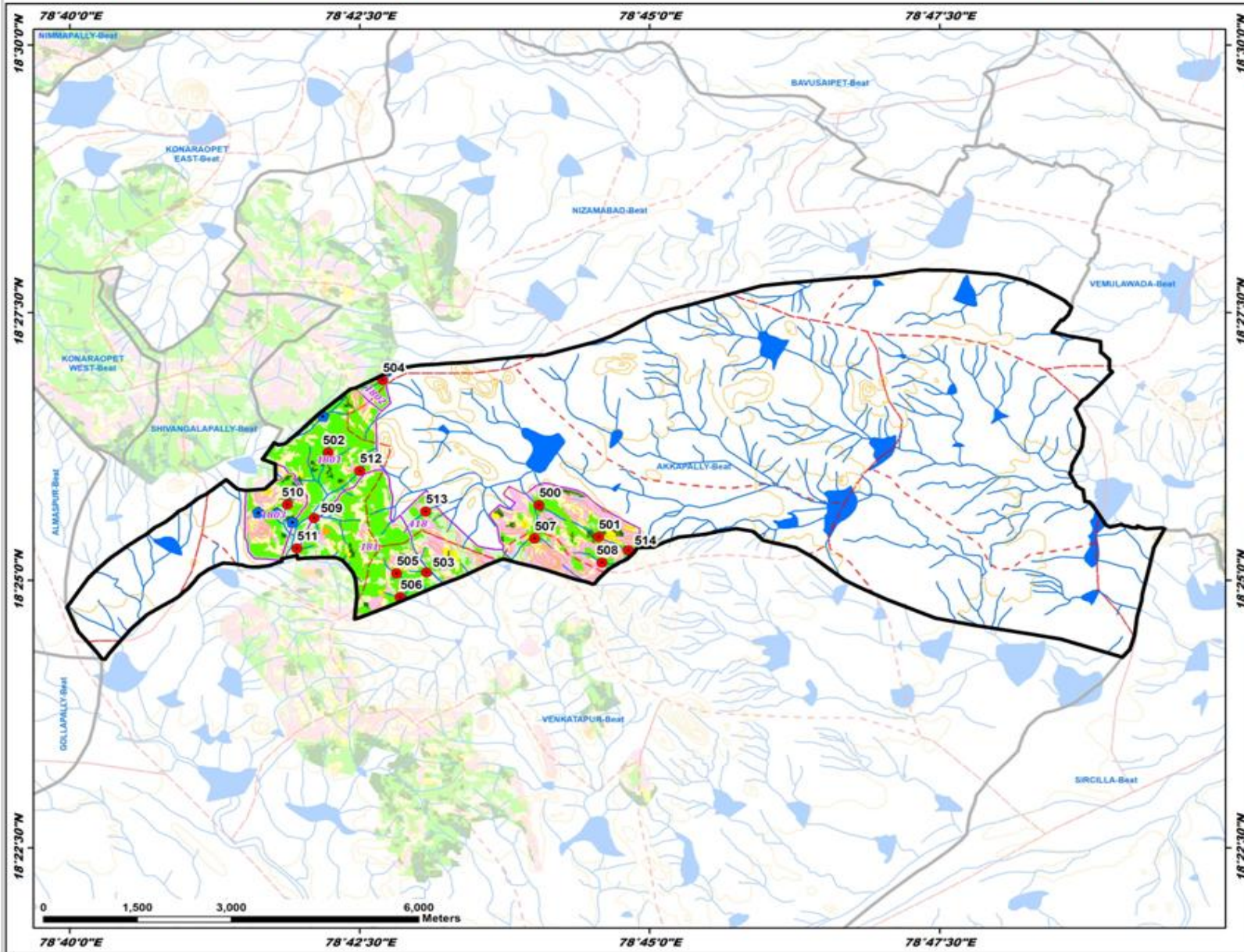
List of Proposed PTs – Siricilla Range

ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat	ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat	ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat	
450	18.283290	78.783364	27.78	III	SIRCILLA	490	18.489518	78.608243	9.48	II	VEERNAPALLY	530	18.451883	78.685733	13.89	II	SHIVANGALAPALLY	
451	18.471451	78.562497	11.62	I	MADDIMALLA (N)	491	18.489120	78.604618	7.07	II	VEERNAPALLY	531	18.457842	78.673988	10.99	II	SHIVANGALAPALLY	
452	18.475167	78.555721	8.65	I	MADDIMALLA (N)	492	18.481744	78.591456	5.67	II	VEERNAPALLY	532	18.451794	78.684415	6.85	II	SHIVANGALAPALLY	
453	18.484493	78.537053	13.29	I	MADDIMALLA (N)	493	18.487941	78.603736	20.27	II	VEERNAPALLY	533	18.452896	78.677080	9.59	II	SHIVANGALAPALLY	
454	18.476474	78.555802	19.05	I	MADDIMALLA (N)	494	18.488434	78.566163	10.81	II	VEERNAPALLY	534	18.456877	78.688751	14.64	II	SHIVANGALAPALLY	
455	18.484930	78.556248	9.37	I	MADDIMALLA (N)	495	18.480044	78.584166	14.33	II	VEERNAPALLY	535	18.453971	78.687933	7.66	II	SHIVANGALAPALLY	
456	18.473969	78.570266	24.48	II	MADDIMALLA (N)	496	18.483093	78.564086	20.79	IV	VEERNAPALLY	536	18.449216	78.691458	4.62	II	SHIVANGALAPALLY	
457	18.472298	78.567912	12.45	II	MADDIMALLA (N)	497	18.491363	78.563829	9.49	IV	VEERNAPALLY	537	18.458942	78.702013	9.72	II	SHIVANGALAPALLY	
458	18.494620	78.543564	7.67	II	MADDIMALLA (N)	498	18.487645	78.578482	10.65	IV	VEERNAPALLY	538	18.454918	78.688458	6.86	II	SHIVANGALAPALLY	
459	18.490720	78.539180	33.79	III	MADDIMALLA (N)	499	18.485615	78.572509	20.78	IV	VEERNAPALLY	539	18.459576	78.672603	5.95	II	SHIVANGALAPALLY	
460	18.492949	78.542550	10.74	IV	MADDIMALLA (N)	500	18.428400	78.734124	9.56	I	AKKAPALLY	540	18.443759	78.681760	19.01	II	SHIVANGALAPALLY	
461	18.500442	78.561743	12.97	IV	MADDIMALLA (N)	501	18.423420	78.742674	22.00	II	AKKAPALLY	541	18.456650	78.675501	6.46	II	SHIVANGALAPALLY	
462	18.477141	78.562167	6.43	IV	MADDIMALLA (N)	502	18.436549	78.703822	5.09	II	AKKAPALLY	542	18.451128	78.692670	10.27	IV	SHIVANGALAPALLY	
463	18.500120	78.563366	16.08	IV	MADDIMALLA (N)	503	18.417894	78.717916	5.96	II	AKKAPALLY	543	18.459860	78.700485	14.46	IV	SHIVANGALAPALLY	
464	18.497517	78.552203	25.36	V	MADDIMALLA (N)	504	18.447821	78.711633	12.49	II	AKKAPALLY	544	18.416727	78.700380	12.48	II	VENKATAPUR	
465	18.497417	78.559420	32.07	V	MADDIMALLA (N)	505	18.417744	78.713631	8.72	II	AKKAPALLY	545	18.405127	78.692853	10.59	II	VENKATAPUR	
466	18.493864	78.549464	29.93	V	MADDIMALLA (N)	506	18.414063	78.714171	12.23	II	AKKAPALLY	546	18.384168	78.719460	10.04	II	VENKATAPUR	
467	18.490483	78.553329	30.90	V	MADDIMALLA (N)	507	18.423151	78.733478	13.51	II	AKKAPALLY	547	18.398752	78.702497	9.44	II	VENKATAPUR	
468	18.468029	78.548069	9.32	I	MADDIMALLA (S)	508	18.419435	78.743167	25.05	III	AKKAPALLY	548	18.392291	78.722834	13.02	II	VENKATAPUR	
469	18.471013	78.549595	14.11	I	MADDIMALLA (S)	509	18.426355	78.701807	8.39	IV	AKKAPALLY	549	18.393018	78.720010	9.07	II	VENKATAPUR	
470	18.475901	78.554631	5.29	I	MADDIMALLA (S)	510	18.428470	78.697927	11.42	IV	AKKAPALLY	550	18.418216	78.706816	10.30	II	VENKATAPUR	
471	18.443806	78.553800	9.00	I	MADDIMALLA (S)	511	18.421660	78.699327	9.38	IV	AKKAPALLY	551	18.404188	78.694986	11.80	II	VENKATAPUR	
472	18.479610	78.544334	10.29	I	MADDIMALLA (S)	512	18.433731	78.708331	21.22	IV	AKKAPALLY	552	18.388505	78.703117	18.71	II	VENKATAPUR	
473	18.458410	78.545721	13.39	I	MADDIMALLA (S)	513	18.427377	78.717818	11.72	IV	AKKAPALLY	553	18.376617	78.713231	9.51	II	VENKATAPUR	
474	18.457161	78.546522	13.33	I	MADDIMALLA (S)	514	18.421327	78.746943	37.10	III	AKKAPALLY	554	18.393264	78.720289	5.44	IV	VENKATAPUR	
475	18.447620	78.557257	24.49	II	MADDIMALLA (S)	515	18.450983	78.712655	6.58	I	NIZAMABAD	555	18.400799	78.700428	7.82	IV	VENKATAPUR	
476	18.452375	78.577130	8.20	II	MADDIMALLA (S)	516	18.467789	78.706386	13.55	I	NIZAMABAD							
477	18.443210	78.555822	15.91	II	MADDIMALLA (S)	517	18.467801	78.703601	7.48	I	NIZAMABAD							
478	18.447037	78.560380	10.17	II	MADDIMALLA (S)	518	18.471874	78.692354	16.47	I	NIZAMABAD							
479	18.474464	78.552625	25.05	II	MADDIMALLA (S)	519	18.454992	78.710557	10.62	II	NIZAMABAD							
480	18.470618	78.534804	5.57	II	MADDIMALLA (S)	520	18.464254	78.709446	10.91	II	NIZAMABAD							
481	18.466838	78.545605	40.11	II	MADDIMALLA (S)	521	18.449937	78.710106	5.43	II	NIZAMABAD							
482	18.443033	78.577724	35.48	III	MADDIMALLA (S)	522	18.472867	78.696350	6.34	II	NIZAMABAD							
483	18.477940	78.540342	22.62	IV	MADDIMALLA (S)	523	18.466843	78.699968	10.97	II	NIZAMABAD							
484	18.471130	78.538251	10.79	IV	MADDIMALLA (S)	524	18.452702	78.710085	10.35	II	NIZAMABAD							
485	18.469746	78.532620	10.99	IV	MADDIMALLA (S)	525	18.454561	78.705771	15.08	IV	NIZAMABAD							
486	18.446811	78.554010	26.40	V	MADDIMALLA (S)	526	18.453267	78.708085	9.08	IV	NIZAMABAD							
487	18.468339	78.553595	38.36	II	MADDIMALLA (S)	527	18.445804	78.704837	7.19	IV	NIZAMABAD							
488	18.439100	78.574981	78.80	V	MADDIMALLA (S)	528	18.469107	78.710981	6.30	IV	NIZAMABAD							
489	18.480391	78.604634	15.72	I	VEERNAPALLY	529	18.452101	78.679030	6.68	I	SHIVANGALAPALLY							

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



Division : Rajanna Siricilla
Range : Siricilla



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
500	18.428400	78.734124	9.56	I
501	18.423420	78.742674	22.00	II
502	18.436549	78.703822	5.09	II
503	18.417894	78.717915	5.96	II
504	18.447821	78.711633	12.49	II
505	18.417744	78.713631	8.72	II
506	18.414063	78.714171	12.23	II
507	18.423151	78.733478	13.51	II
508	18.419435	78.743167	25.05	III
509	18.426355	78.701807	8.39	IV
510	18.428470	78.697927	11.42	IV
511	18.421660	78.699327	9.38	IV
512	18.433731	78.708331	21.22	IV
513	18.427377	78.717818	11.72	IV
514	18.421327	78.746943	37.10	III

LEGEND

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

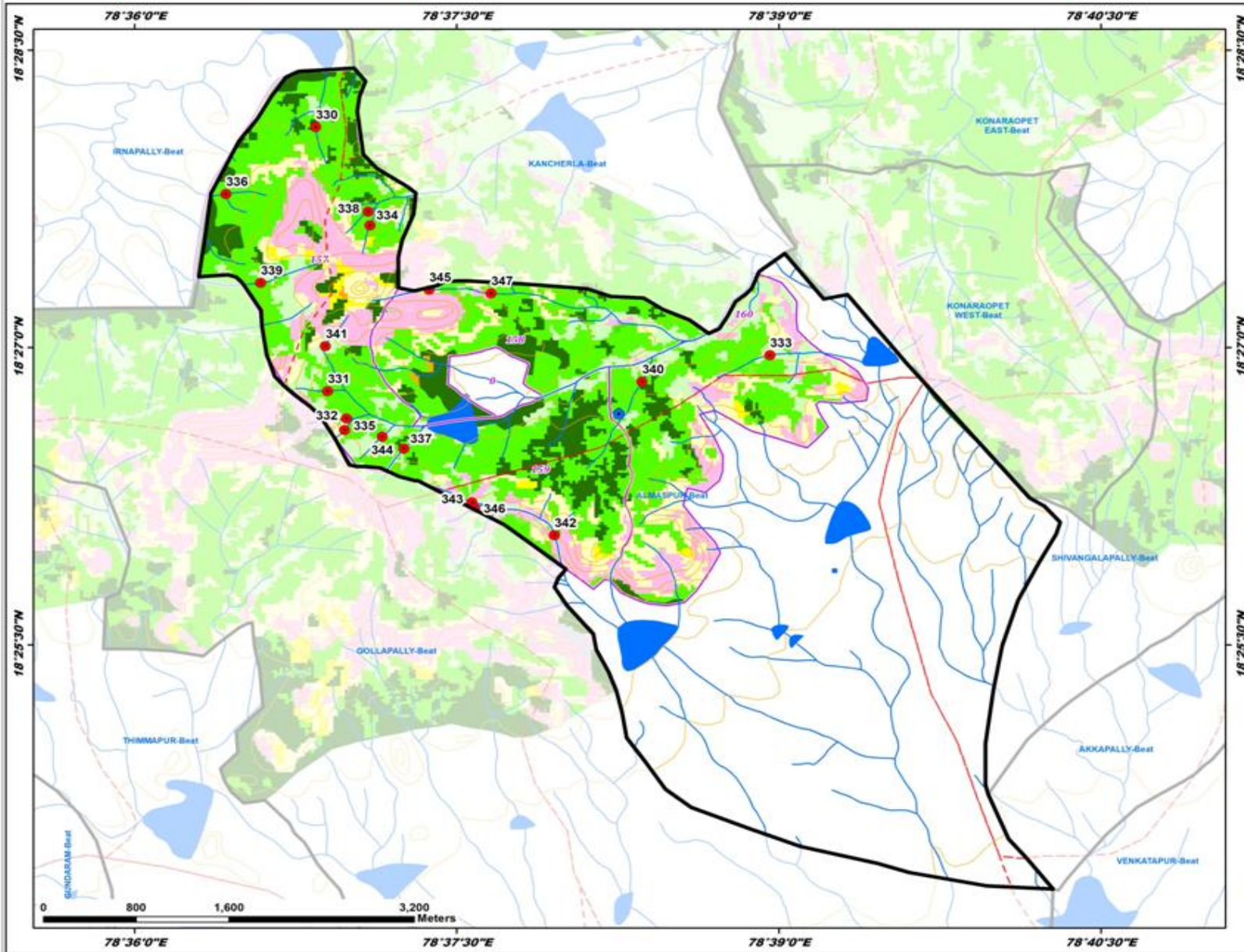
Suitability Index

- 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 Almaspur Beat



Division : Rajanna Siricilla
Range : Siricilla



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
330	18.468533	78.614060	10.44	I
331	18.446336	78.614982	13.76	II
332	18.444027	78.616442	8.46	II
333	18.440355	78.649327	14.01	II
334	18.460286	78.618268	11.50	II
335	18.443075	78.616238	10.99	II
336	18.442914	78.607088	10.42	II
337	18.441510	78.620899	19.52	II
338	18.461422	78.618129	9.47	II
339	18.455441	78.609778	31.40	III
340	18.447143	78.639381	43.53	III
341	18.450123	78.614810	5.61	IV
342	18.434240	78.632579	65.73	IV
343	18.436991	78.626190	9.92	IV
344	18.442512	78.619224	13.44	IV
345	18.454876	78.622858	14.65	IV
346	18.436485	78.626404	19.56	IV
347	18.454560	78.627673	36.80	III

LEGEND

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

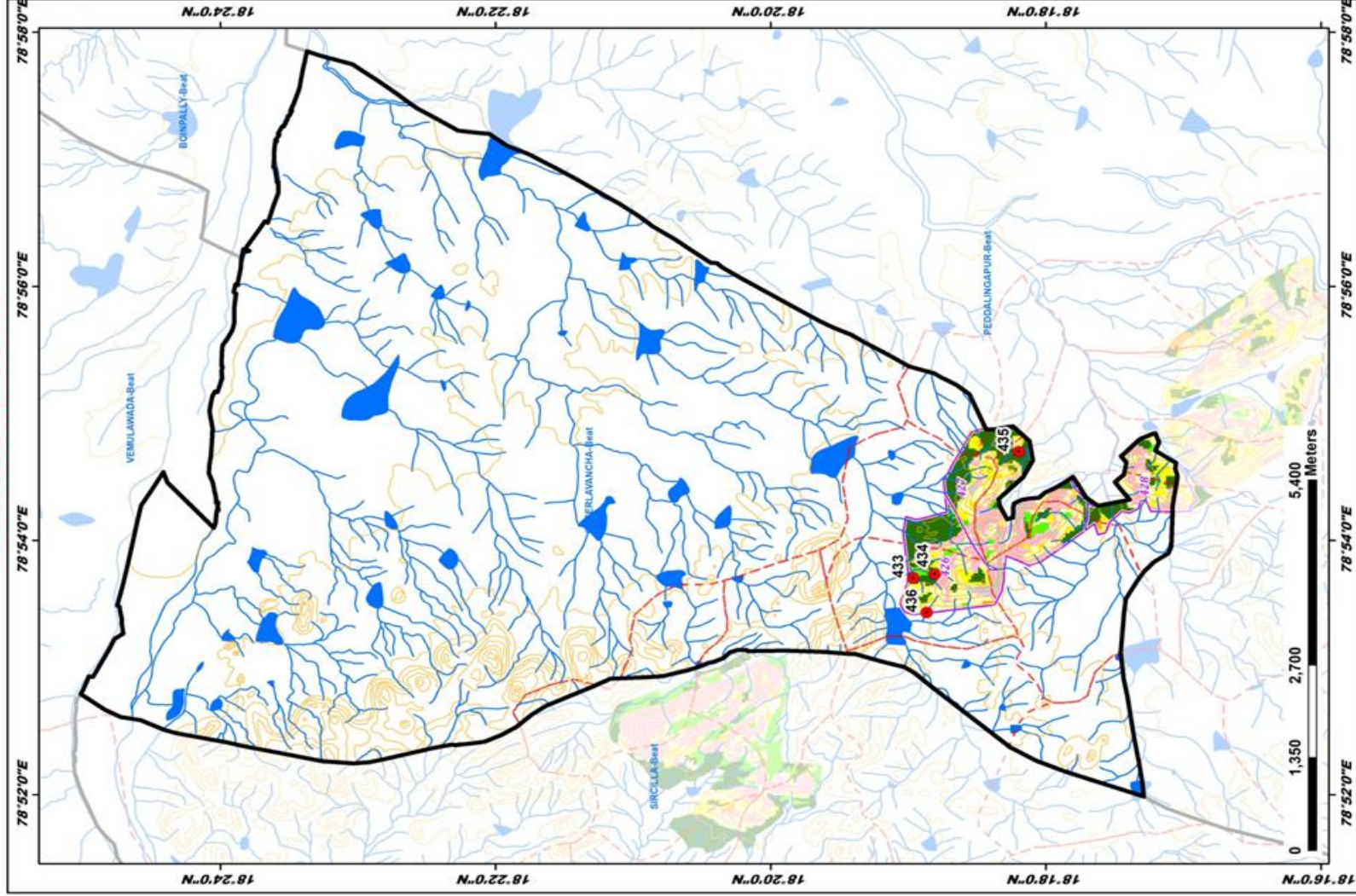
Suitability Index

- 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 Cheerlavancha Beat



Division : Rajanna Siricilla
Range : Siricilla



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
433	18.316636	78.895122	5.13	I
434	18.313654	78.895644	7.60	I
435	18.303295	78.911681	10.55	I
436	18.314422	78.890588	5.68	II

LEGEND

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

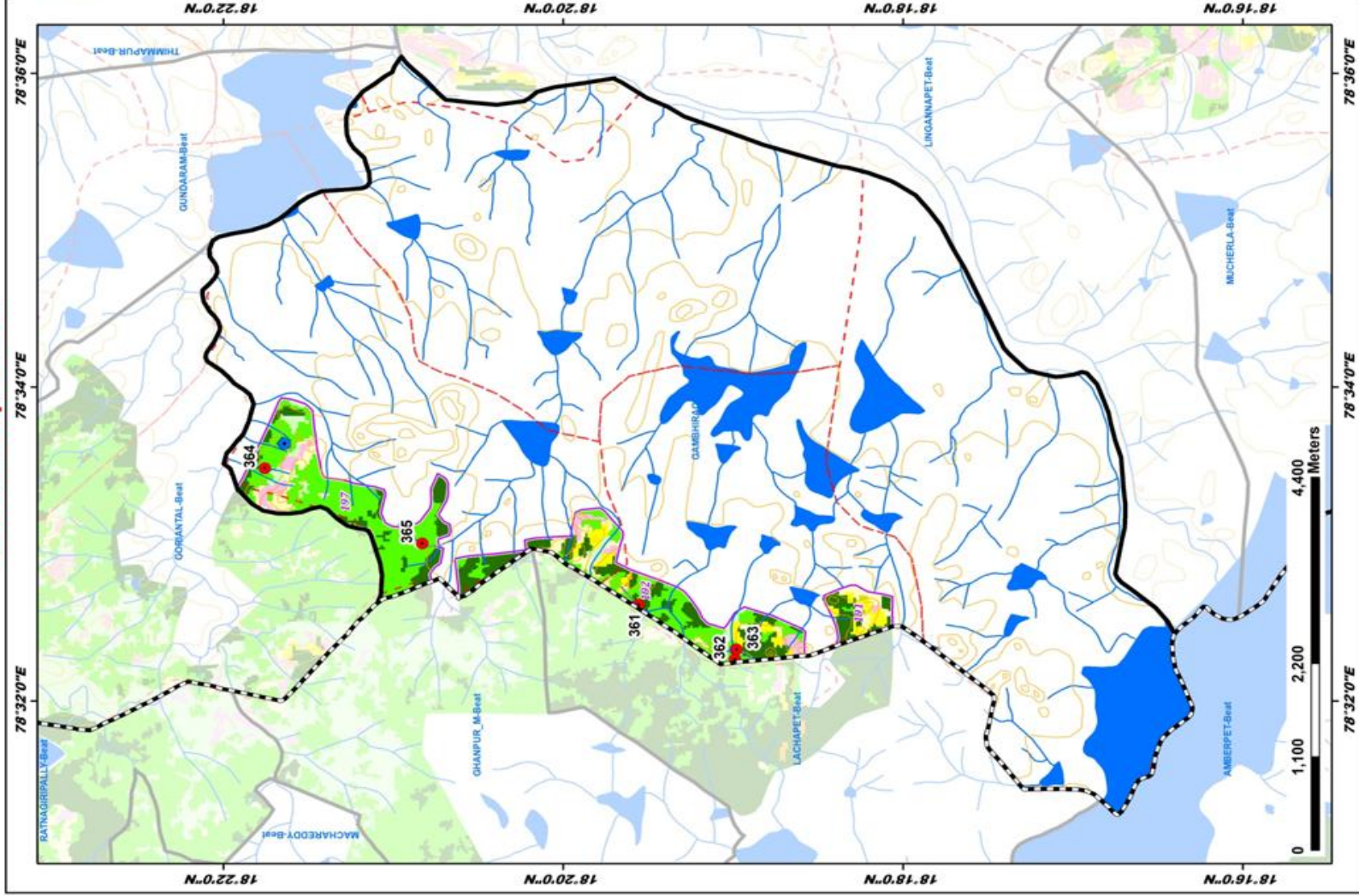
SUITABILITY INDEX

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

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



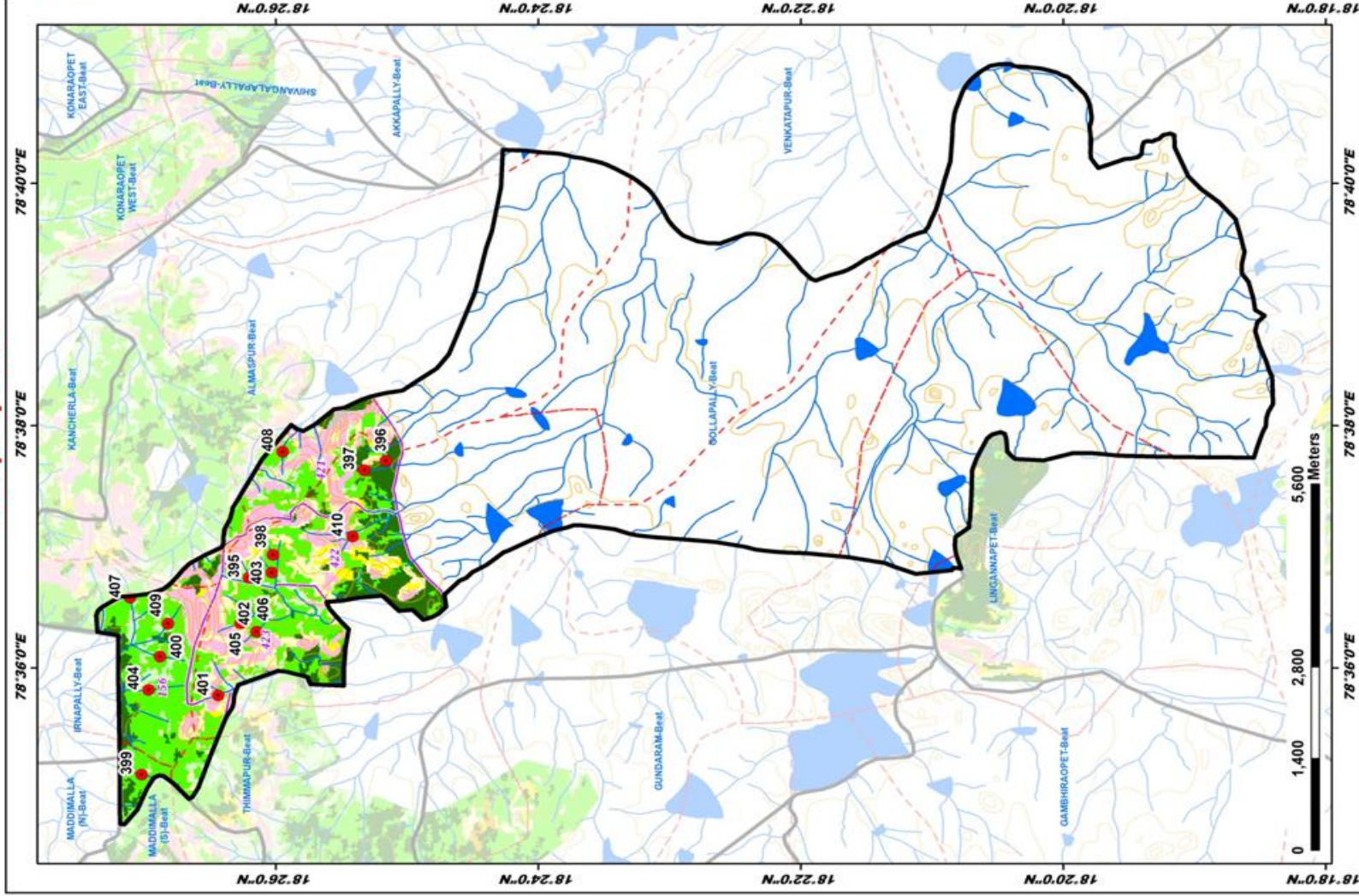
Division : Rajanna Siricilla
Range : Siricilla



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



Division : Rajanna Siricilla
Range : Siricilla



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
395	18.436740	78.612466	9.60	I
396	18.419333	78.628527	22.47	I
397	18.422113	78.637730	22.63	I
398	18.433668	78.615625	18.93	II
399	18.450279	78.585401	15.76	II
400	18.448933	78.601622	10.81	II
401	18.440660	78.596261	25.98	II
402	18.435771	78.605038	10.92	II
403	18.433855	78.613199	11.55	II
404	18.449502	78.597034	12.82	II
405	18.437806	78.606182	17.63	II
406	18.432658	78.608137	26.96	III
407	18.451624	78.609712	29.04	III
408	18.432655	78.629807	29.65	III
409	18.447018	78.605166	22.03	IV
410	18.423577	78.618158	26.06	V

LEGEND

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

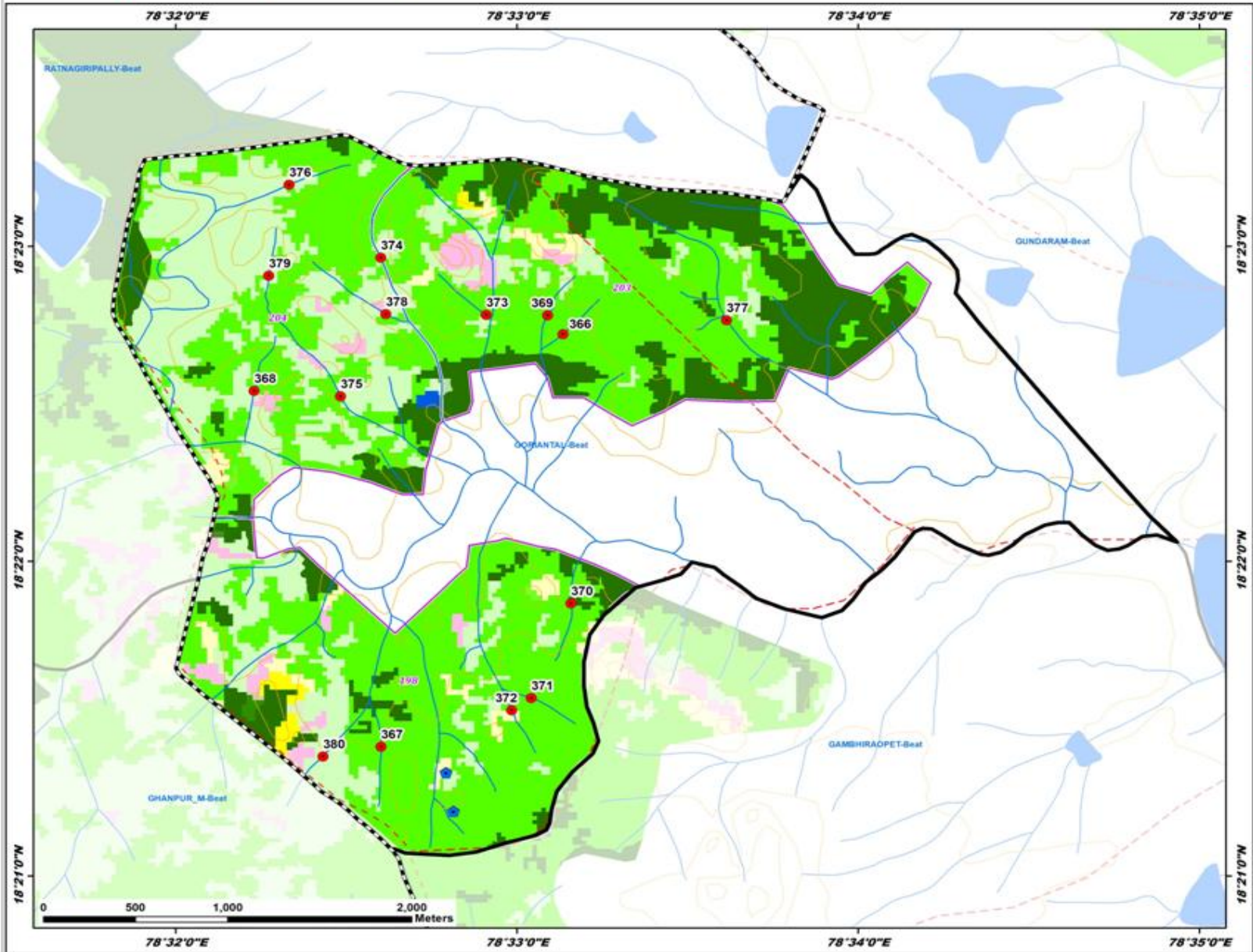
SUITABILITY INDEX

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

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



Division : Rajanna Siricilla
Range : Siricilla



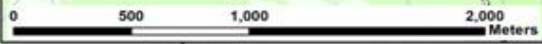
ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
366	18.379689	78.552258	11.90	II
367	18.356846	78.543365	9.27	II
368	18.375689	78.537257	13.51	II
369	18.379688	78.551505	10.31	II
370	18.364441	78.552645	19.36	II
371	18.359431	78.550699	12.71	II
372	18.358782	78.549751	6.80	II
373	18.379706	78.548500	14.81	II
374	18.382737	78.543347	16.56	II
375	18.375393	78.541386	25.78	III
376	18.386602	78.538868	14.14	IV
377	18.379425	78.560245	62.70	IV
378	18.379745	78.543594	18.56	IV
379	18.381781	78.537875	9.41	IV
380	18.356335	78.540525	34.34	V

LEGEND

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

Suitability Index

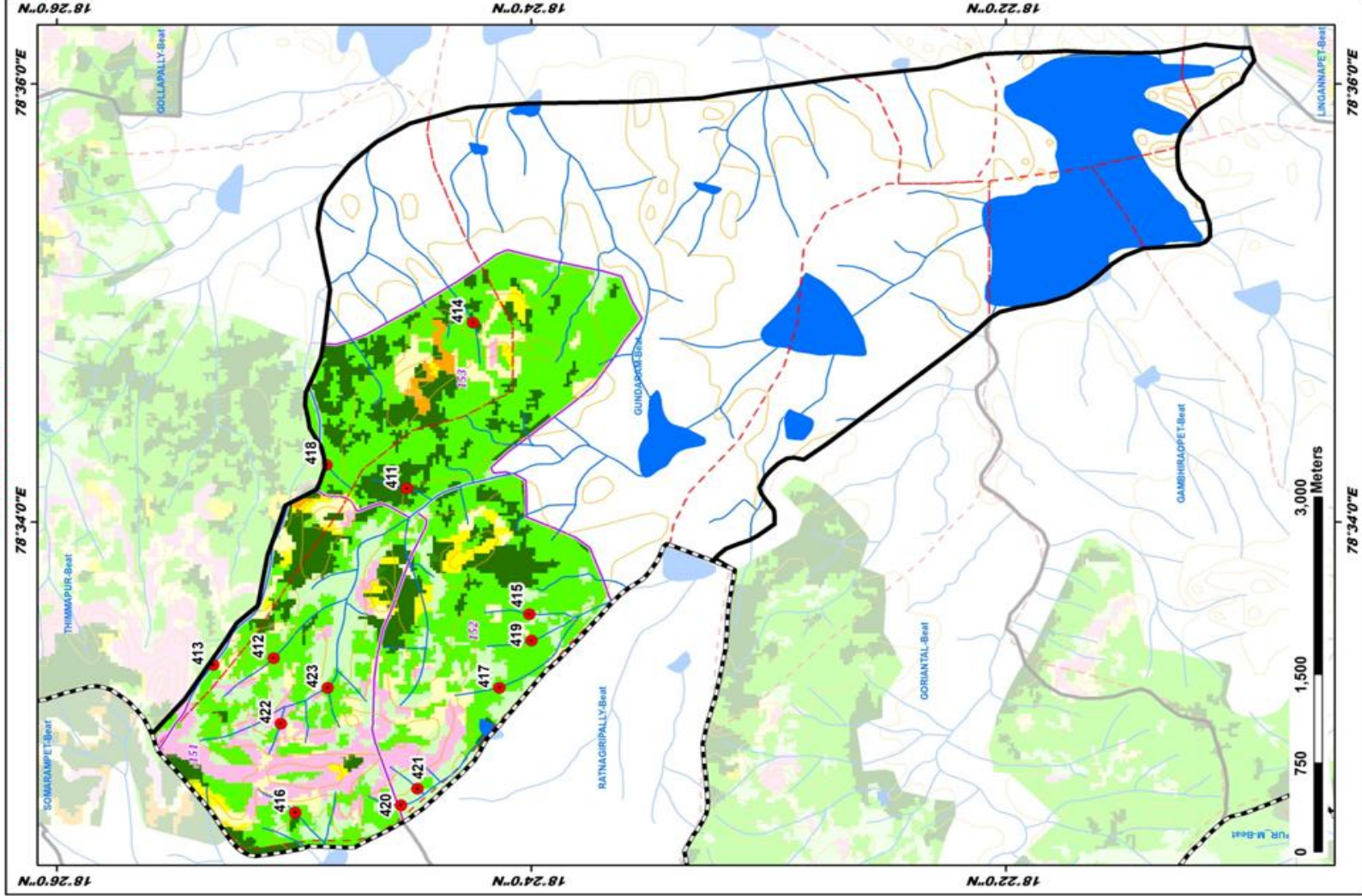
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body



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



Division : Rajanna Siricilla
Range : Siricilla



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
411	18.408747	78.569234	6.51	I
412	18.418111	78.556321	21.17	II
413	18.422354	78.558803	15.79	II
414	18.404096	78.581856	15.15	II
415	18.400139	78.590677	8.45	II
416	18.416394	78.548578	11.55	II
417	18.402254	78.554072	5.68	II
418	18.414394	78.571044	13.34	II
419	18.399885	78.557669	42.53	III
420	18.409149	78.545138	15.06	IV
421	18.408001	78.546388	10.47	IV
422	18.417610	78.551329	13.78	IV
423	18.414331	78.554069	5.85	IV

LEGEND

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

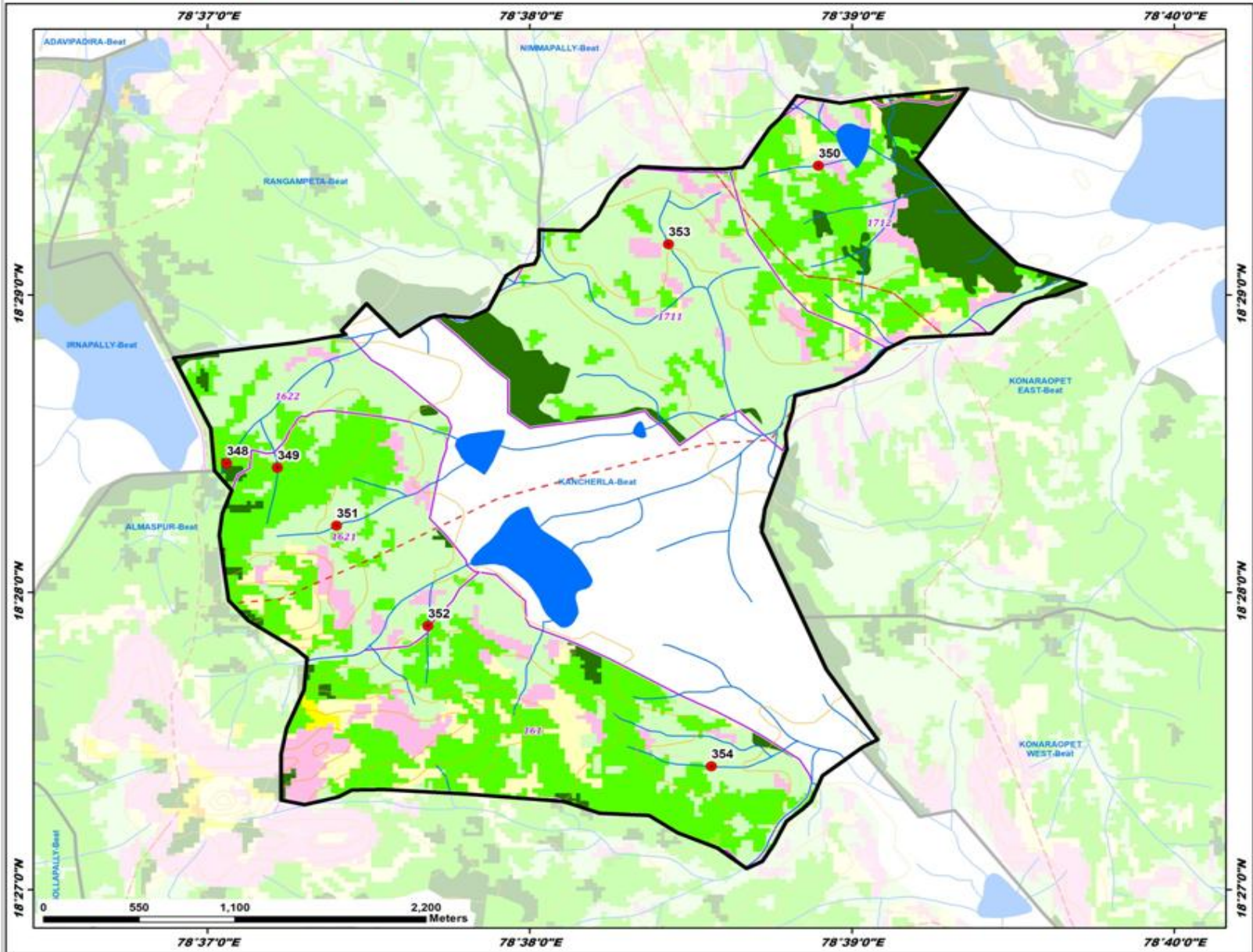
SUITABILITY INDEX

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

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



Division : Rajanna Siricilla
Range : Siricilla



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
348	18.473907	78.617053	9.49	I
349	18.473661	78.620290	11.68	II
350	18.490584	78.648274	11.51	IV
351	18.470407	78.623338	18.04	IV
352	18.464794	78.628069	16.02	IV
353	18.486183	78.640511	54.65	V
354	18.456629	78.642731	33.21	V

LEGEND

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

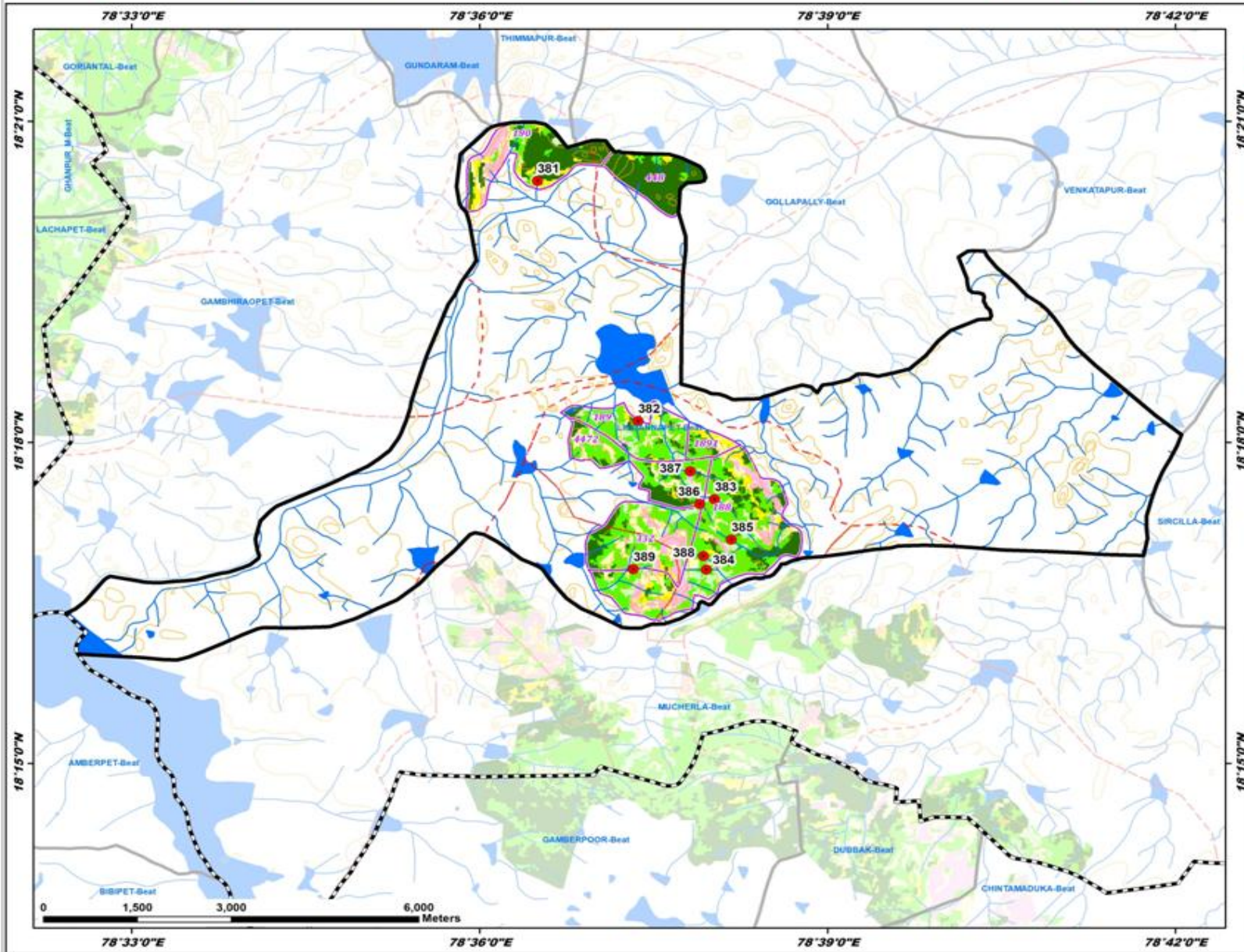
Suitability Index

- 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 Lingannapet Beat



Division : Rajanna Siricilla
Range : Siricilla



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
381	18.340754	78.606298	10.23	I
382	18.303346	78.622791	15.28	II
383	18.291130	78.633757	20.07	II
384	18.280196	78.632588	15.30	II
385	18.284883	78.636169	9.49	II
386	18.290444	78.631629	21.81	II
387	18.295518	78.630256	9.24	II
388	18.282349	78.632186	12.71	II
389	18.280270	78.622091	11.93	II

LEGEND

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

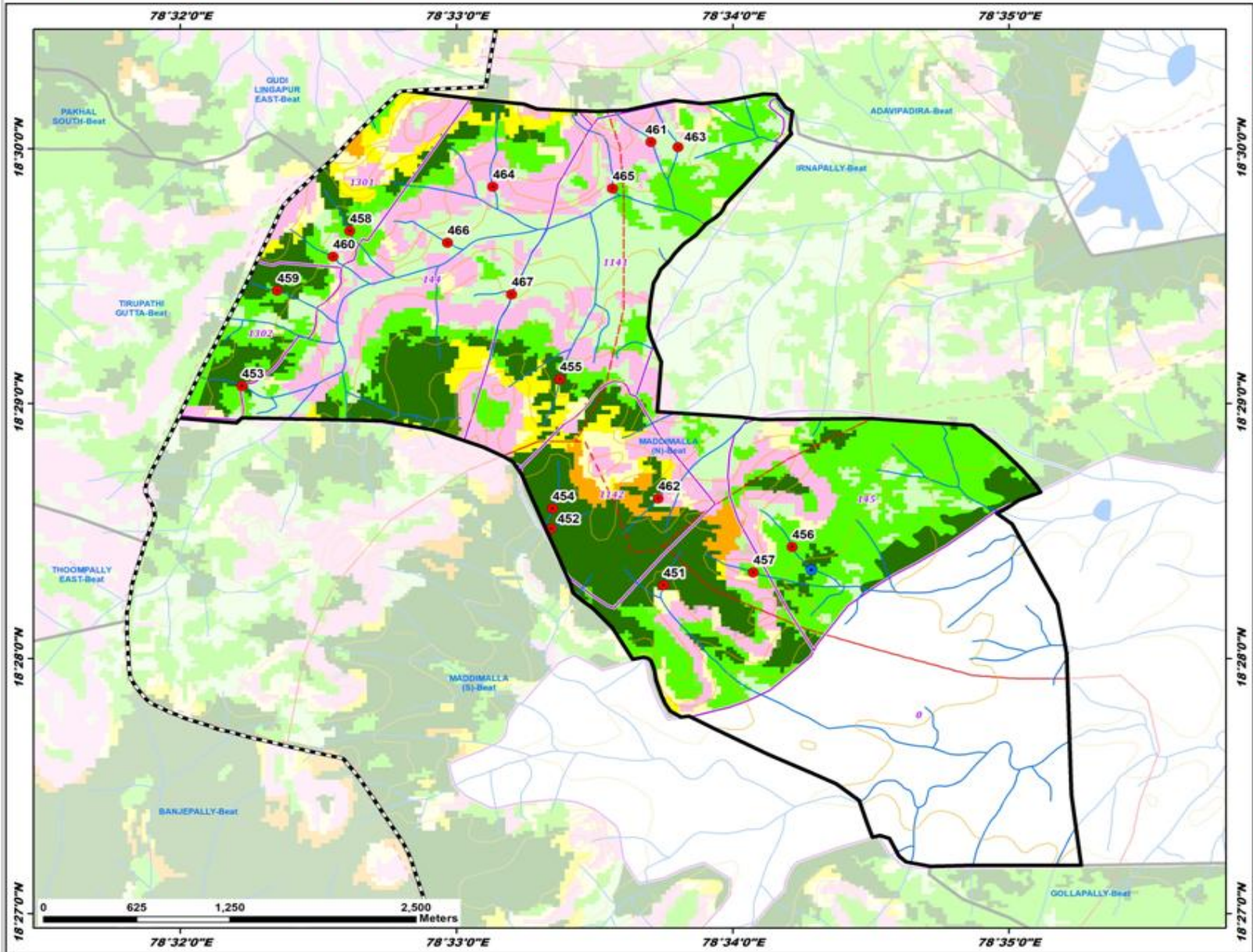
Suitability Index

- 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 Maddimalla North Beat



Division : Rajanna Siricilla
Range : Siricilla



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
451	18.471451	78.562497	11.62	I
452	18.475167	78.555721	8.65	I
453	18.484493	78.537053	13.29	I
454	18.476474	78.555802	19.05	I
455	18.484930	78.556248	9.37	I
456	18.473969	78.570366	24.48	II
457	18.472298	78.567912	12.45	II
458	18.494620	78.543564	7.67	II
459	18.490720	78.539180	33.79	III
460	18.492949	78.542550	10.74	IV
461	18.500442	78.561743	12.97	IV
462	18.477141	78.562167	6.43	IV
463	18.500120	78.563366	16.08	IV
464	18.497517	78.552203	25.36	V
465	18.497417	78.559420	32.07	V
466	18.493864	78.549464	29.93	V
467	18.490483	78.553329	30.90	V

LEGEND

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

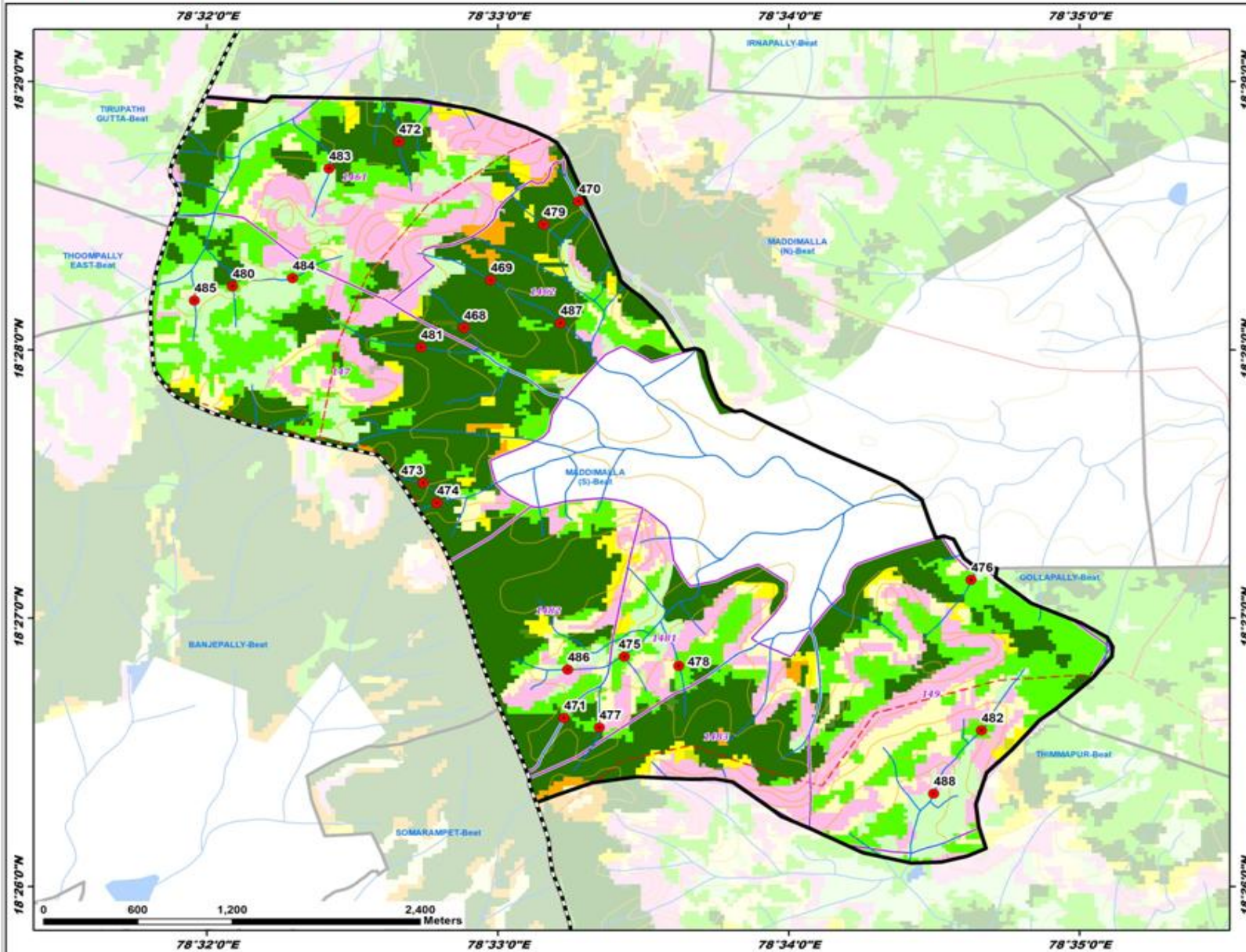
Suitability Index

- 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 Maddimalla South Beat



Division : Rajanna Siricilla
Range : Siricilla



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
468	18.468029	78.548069	9.32	I
469	18.471013	78.549595	14.11	I
470	18.475901	78.554631	5.29	I
471	18.443806	78.553800	9.00	I
472	18.479610	78.544334	10.29	I
473	18.458430	78.545721	13.39	I
474	18.457161	78.546522	13.33	I
475	18.447620	78.557257	24.49	II
476	18.452375	78.577130	8.20	II
477	18.443210	78.555822	15.91	II
478	18.447037	78.560380	10.17	II
479	18.474464	78.552625	25.05	II
480	18.470618	78.534804	5.57	II
481	18.466838	78.545605	40.11	II
482	18.443033	78.577724	35.48	II
483	18.477940	78.540342	22.62	IV
484	18.471130	78.538251	10.79	IV
485	18.469746	78.532620	10.99	IV
486	18.466811	78.554010	26.40	V
487	18.468339	78.553595	38.36	II
488	18.439100	78.574981	78.80	V

LEGEND

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

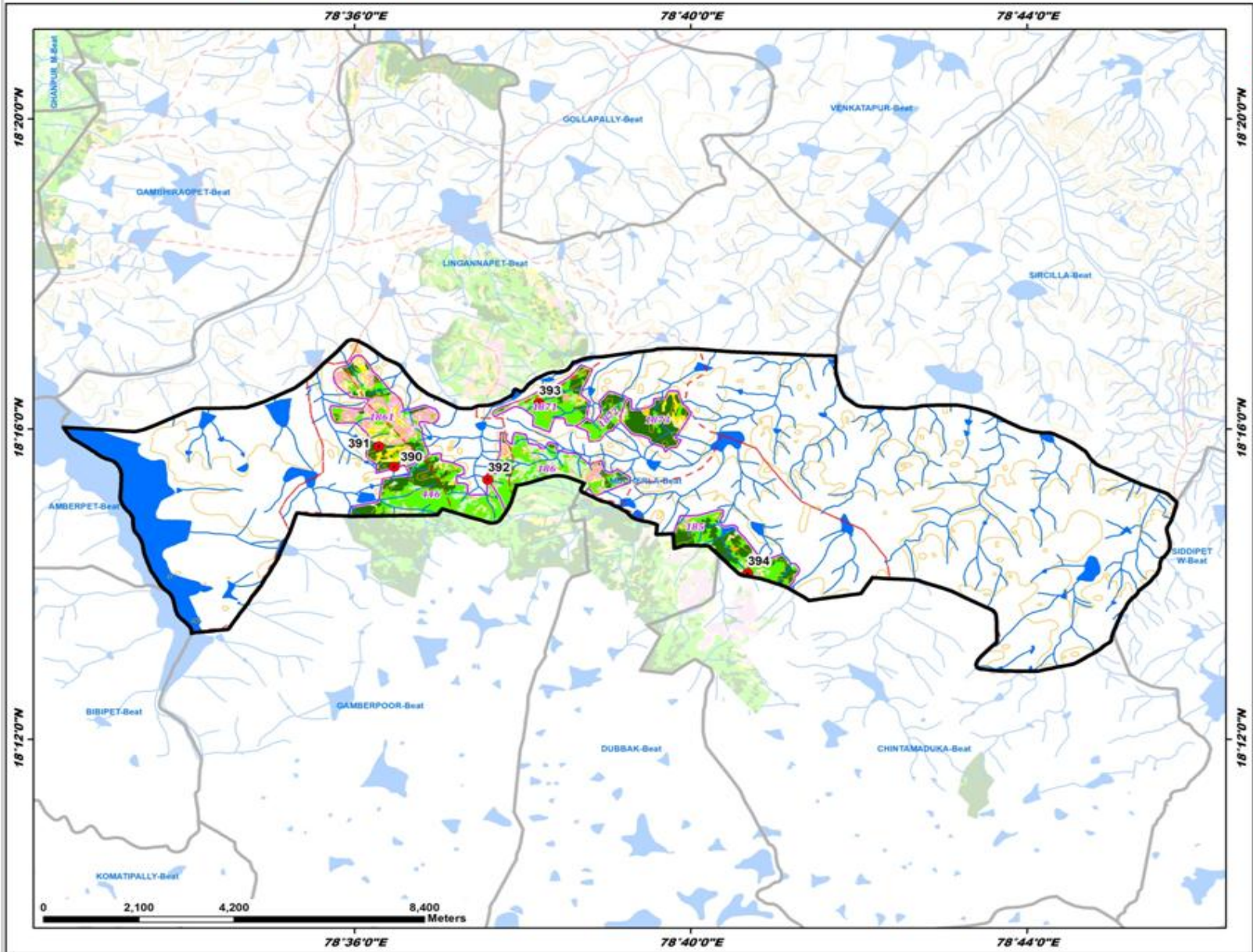
Suitability Index

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

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



Division : Rajanna Siricilla
Range : Siricilla



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
390	18.258588	78.607965	8.06	I
391	18.262946	78.604765	16.17	I
392	18.255822	78.626426	9.66	II
393	18.272298	78.636542	17.04	II
394	18.235698	78.677958	36.69	V

LEGEND

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

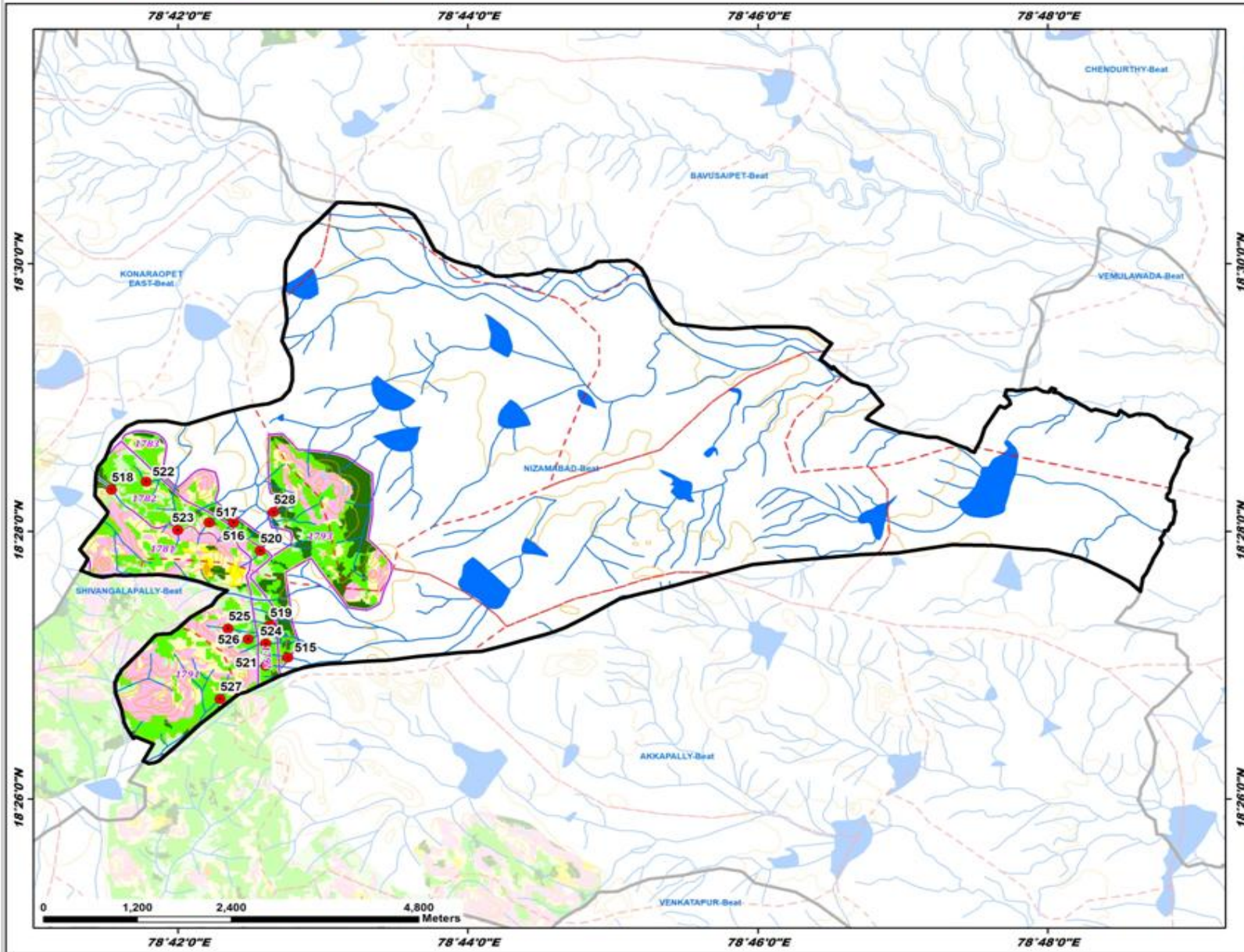
Suitability Index

- 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 Nizamabad Beat



Division : Rajanna Siricilla
Range : Siricilla



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
515	18.450983	78.712655	6.58	I
516	18.467789	78.706386	13.55	I
517	18.467801	78.703601	7.48	I
518	18.471874	78.692354	16.47	I
519	18.454992	78.710557	10.62	II
520	18.464254	78.709446	10.91	II
521	18.449937	78.710206	5.43	II
522	18.472867	78.696350	6.34	II
523	18.466843	78.699968	10.97	II
524	18.452702	78.710085	10.35	II
525	18.454561	78.705771	15.08	IV
526	18.453267	78.708085	9.08	IV
527	18.445804	78.704837	7.19	IV
528	18.469107	78.710981	6.30	IV

LEGEND

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

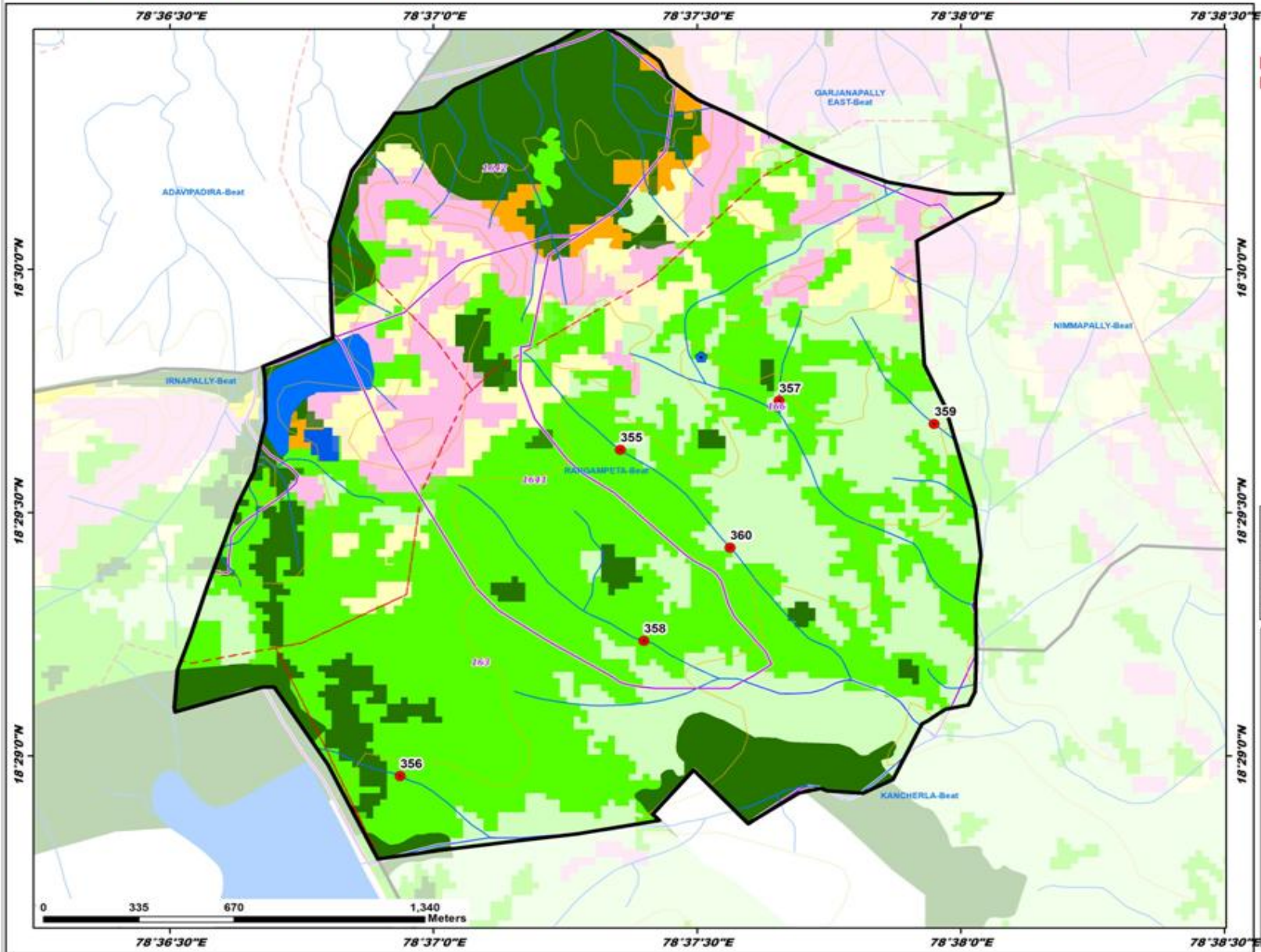
Suitability Index

- 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 Rangampeta Beat



Division : Rajanna Siricilla
Range : Siricilla



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
355	18.493820	78.622576	15.15	II
356	18.482641	78.615613	27.91	III
357	18.495498	78.627592	6.57	IV
358	18.487276	78.623320	57.73	IV
359	18.494704	78.632497	18.69	IV
360	18.490471	78.629040	40.15	V

LEGEND

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

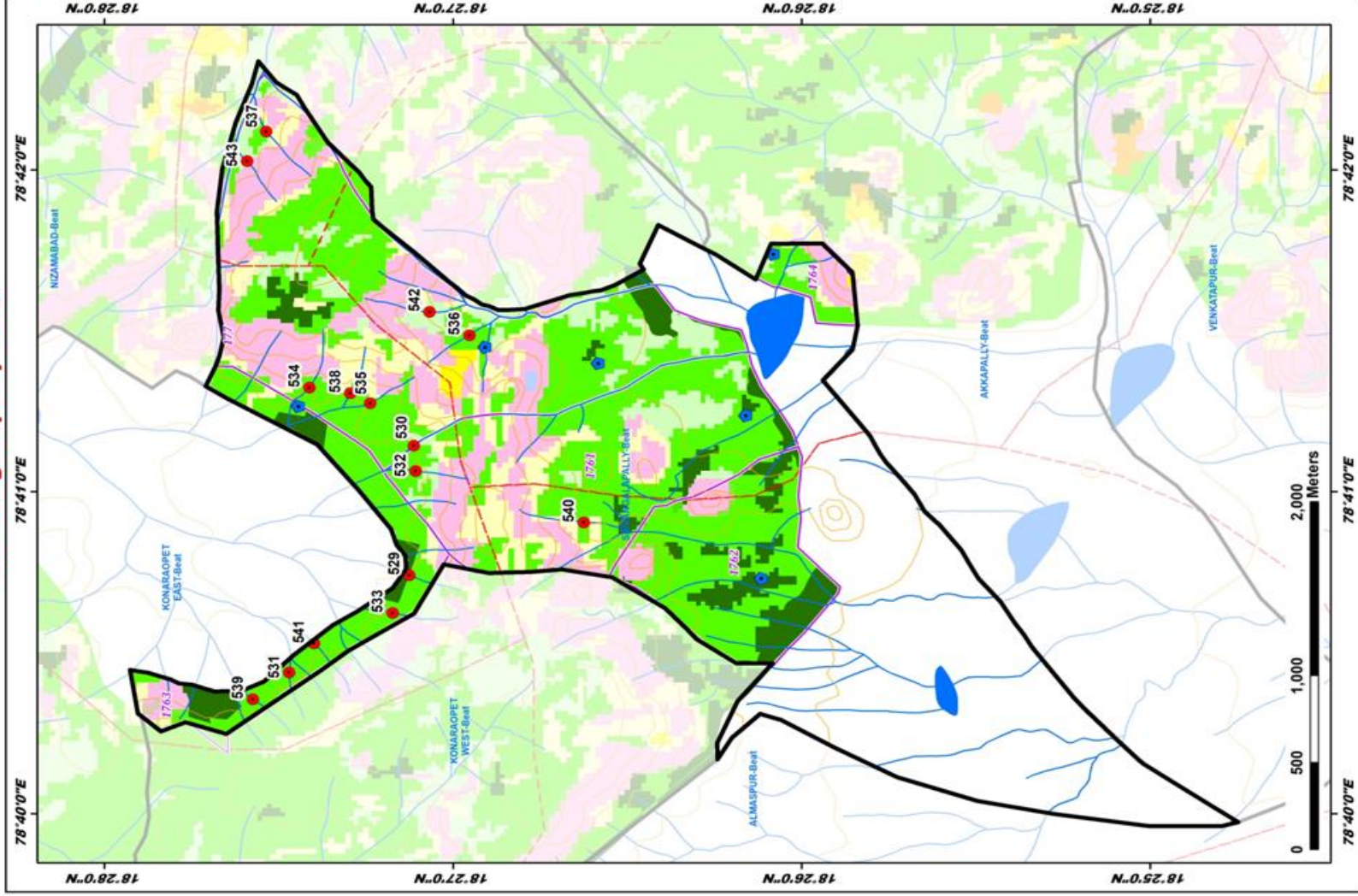
Suitability Index

- 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 Shivangalpalley Beat



Division : Rajanna Siricilla
Range : Siricilla



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
529	18.632101	78.679030	6.68	I
530	18.651883	78.685733	13.89	II
531	18.657842	78.673988	10.99	II
532	18.651794	78.684415	6.85	II
533	18.62986	78.677080	9.59	II
534	18.656877	78.688751	14.64	II
535	18.63971	78.687933	7.66	II
536	18.49216	78.691458	4.62	II
537	18.658942	78.702013	9.72	II
538	18.64918	78.688458	6.86	II
539	18.69576	78.672603	5.95	II
540	18.643759	78.681760	19.01	II
541	18.66660	78.675501	6.46	II
542	18.651128	78.692670	10.27	IV
543	18.658860	78.700485	14.46	IV

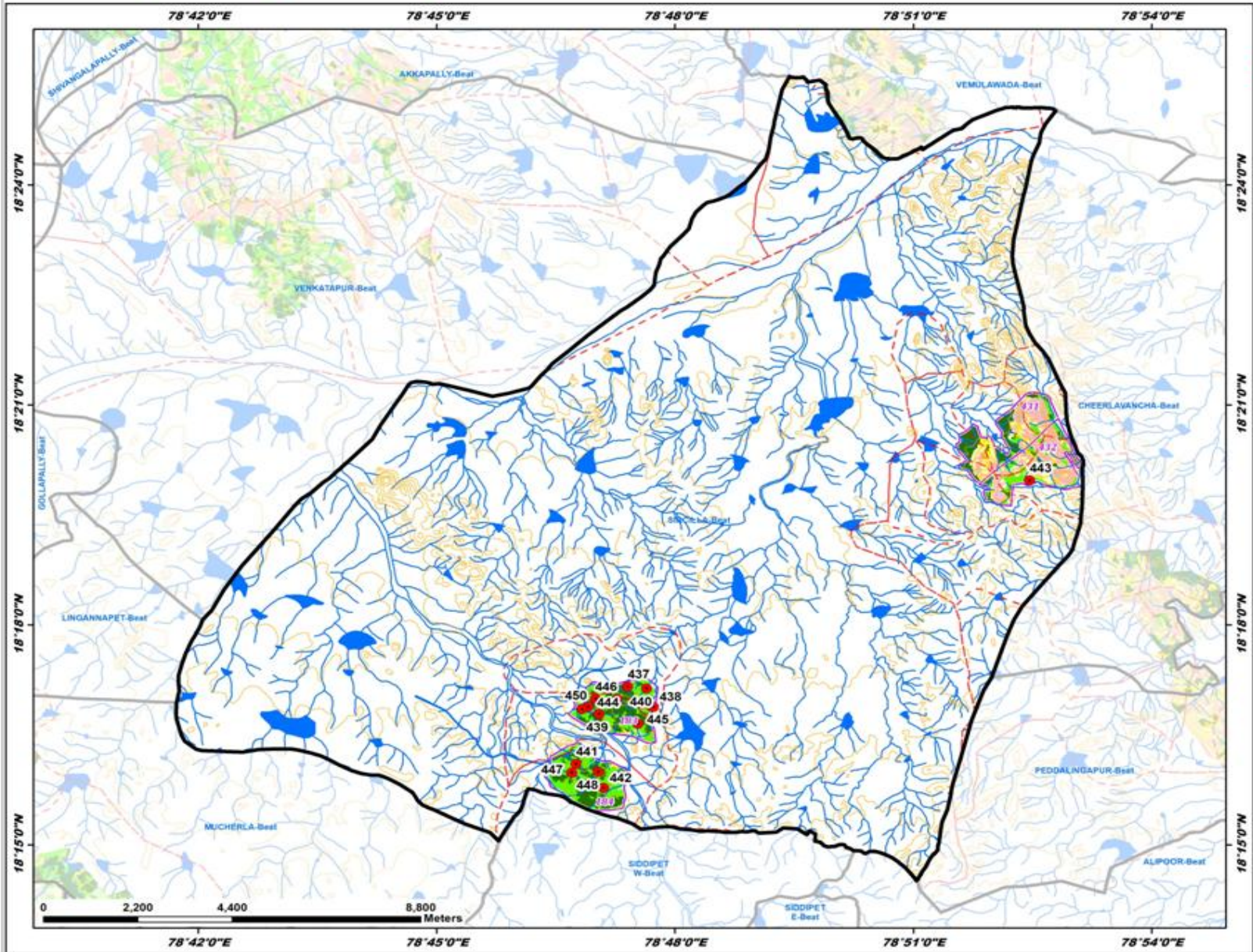
LEGEND

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

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



Division : Rajanna Sircilla
Range : Sircilla



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
437	18.286041	78.790071	6.59	I
438	18.281412	78.795490	5.20	I
439	18.279772	78.794502	13.33	I
440	18.285572	78.794023	10.12	II
441	18.268463	78.779279	7.47	II
442	18.262998	78.785047	7.79	II
443	18.332855	78.874418	15.08	II
444	18.281434	78.793810	9.23	II
445	18.277567	78.792281	12.71	II
446	18.283187	78.797865	12.86	II
447	18.266640	78.778343	10.11	II
448	18.266645	78.783949	9.16	II
449	18.280902	78.780531	6.53	IV
450	18.283290	78.783364	27.78	III

LEGEND

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

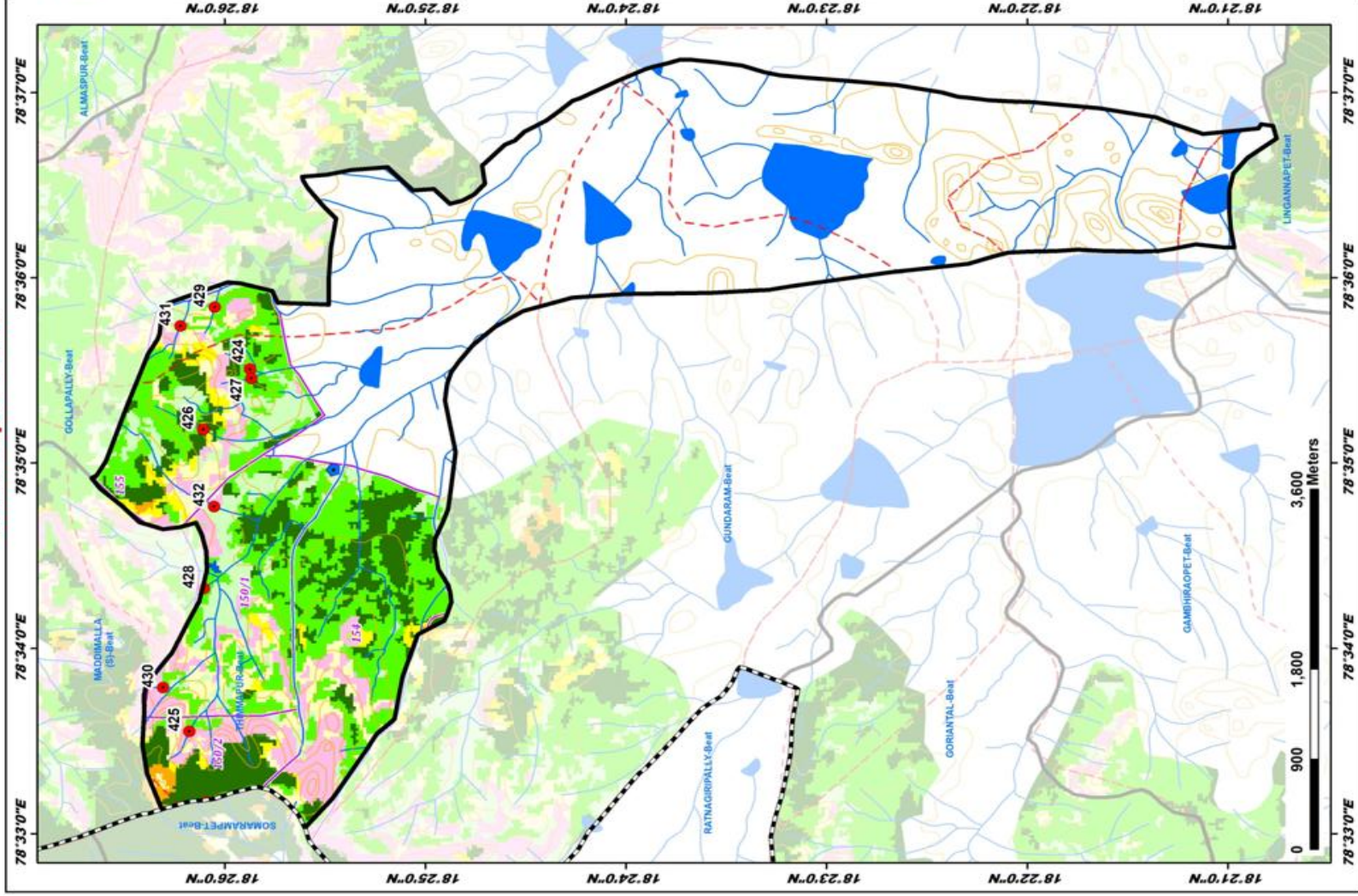
Suitability Index

- 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 Thimmapur Beat



Division : Rajanna Siricilla
Range : Siricilla



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
424	18.81205	78.59268	8.92	II
425	18.86251	78.59216	19.94	II
426	18.83598	78.58676	13.63	II
427	18.81119	78.59079	7.57	II
428	18.83060	78.57287	14.27	II
429	18.84455	78.59789	6.50	II
430	18.83849	78.58163	11.16	IV
431	18.80881	78.59718	22.21	IV
432	18.84493	78.57963	96.94	V

LEGEND

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

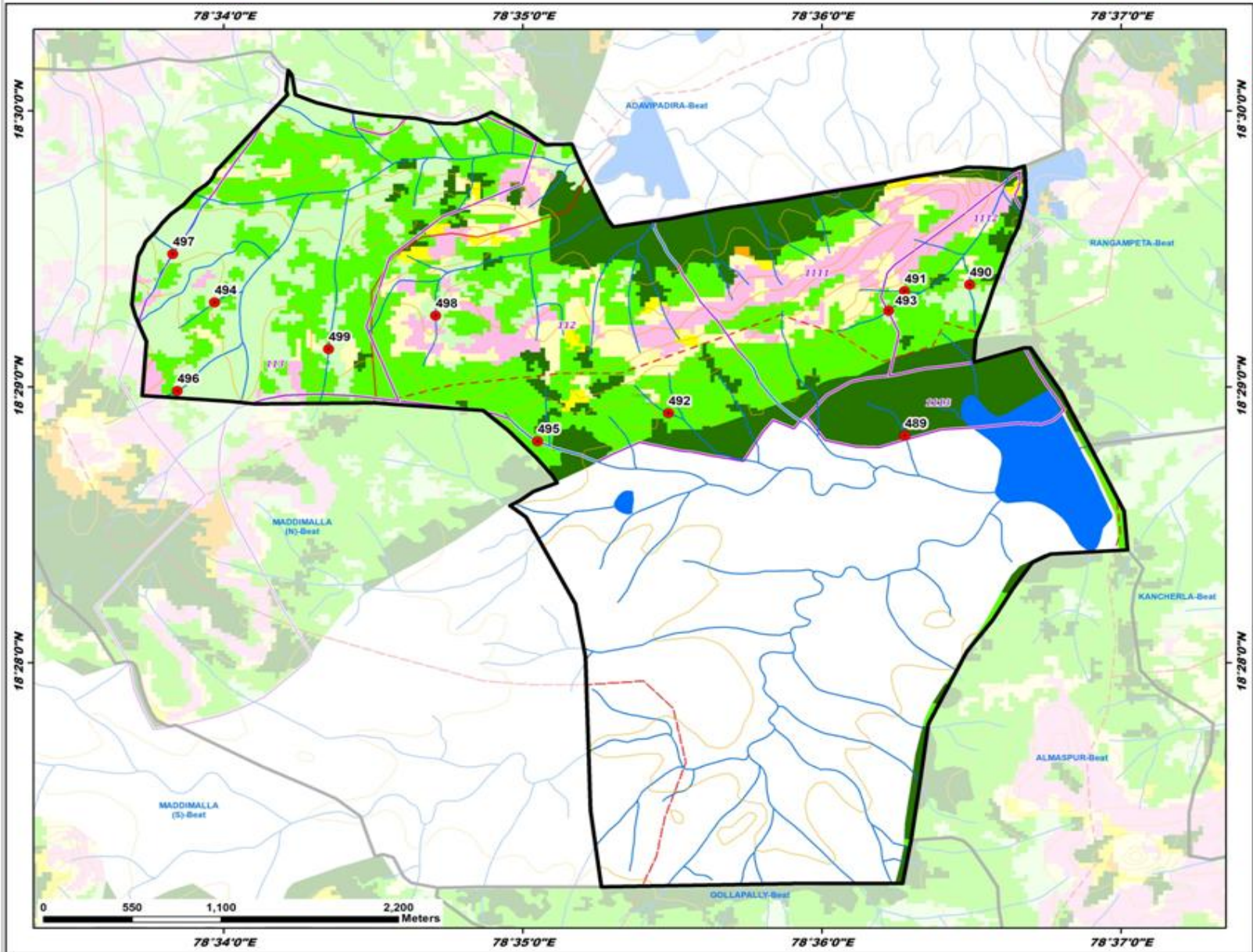
SUITABILITY INDEX

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

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



Division : Rajanna Siricilla
Range : Siricilla



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
489	18.480391	78.606634	15.72	I
490	18.489518	78.608243	9.48	II
491	18.489120	78.606618	7.07	II
492	18.481744	78.591456	5.67	II
493	18.487941	78.603736	20.27	II
494	18.488434	78.566163	10.81	II
495	18.480044	78.584166	14.33	II
496	18.483093	78.564086	20.79	IV
497	18.491363	78.563829	9.49	IV
498	18.487645	78.579482	10.65	IV
499	18.485615	78.572509	20.78	IV

LEGEND

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

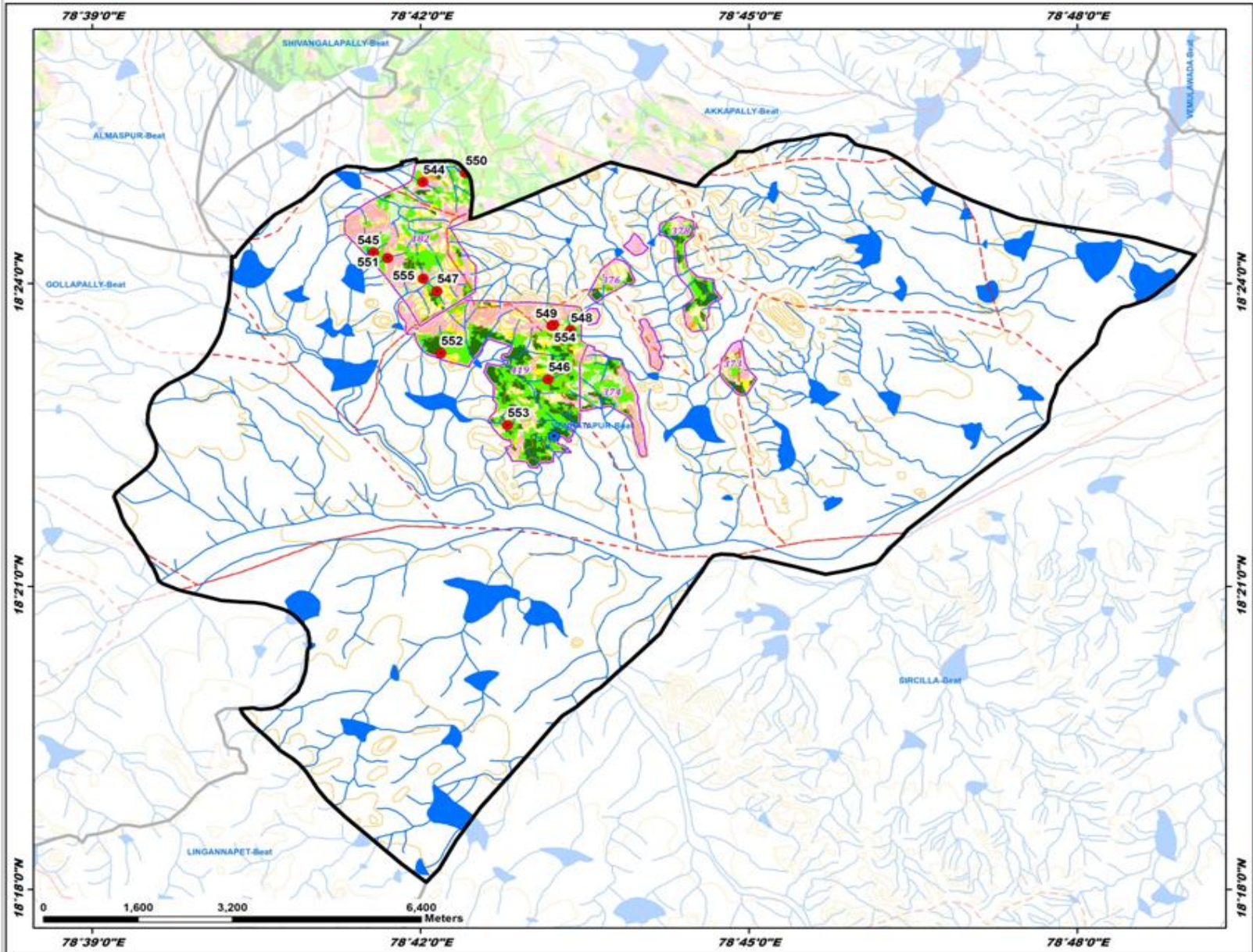
Suitability Index

- 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 Venkatapur Beat



Division : Rajanna Siricilla
Range : Siricilla



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
544	18.416727	78.700380	12.48	III
545	18.405127	78.692853	10.59	III
546	18.394188	78.719460	10.04	III
547	18.398752	78.702497	9.44	III
548	18.392291	78.722834	13.02	III
549	18.393018	78.720010	9.07	III
550	18.418216	78.706816	10.30	III
551	18.404188	78.694986	11.80	III
552	18.388505	78.703117	18.71	III
553	18.376617	78.713231	9.51	III
554	18.393264	78.720289	5.44	IV
555	18.400799	78.700428	7.82	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