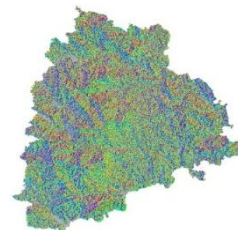
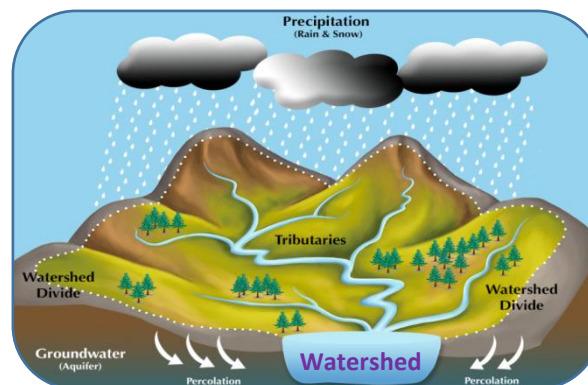


Government of Telangana – Forest Department



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

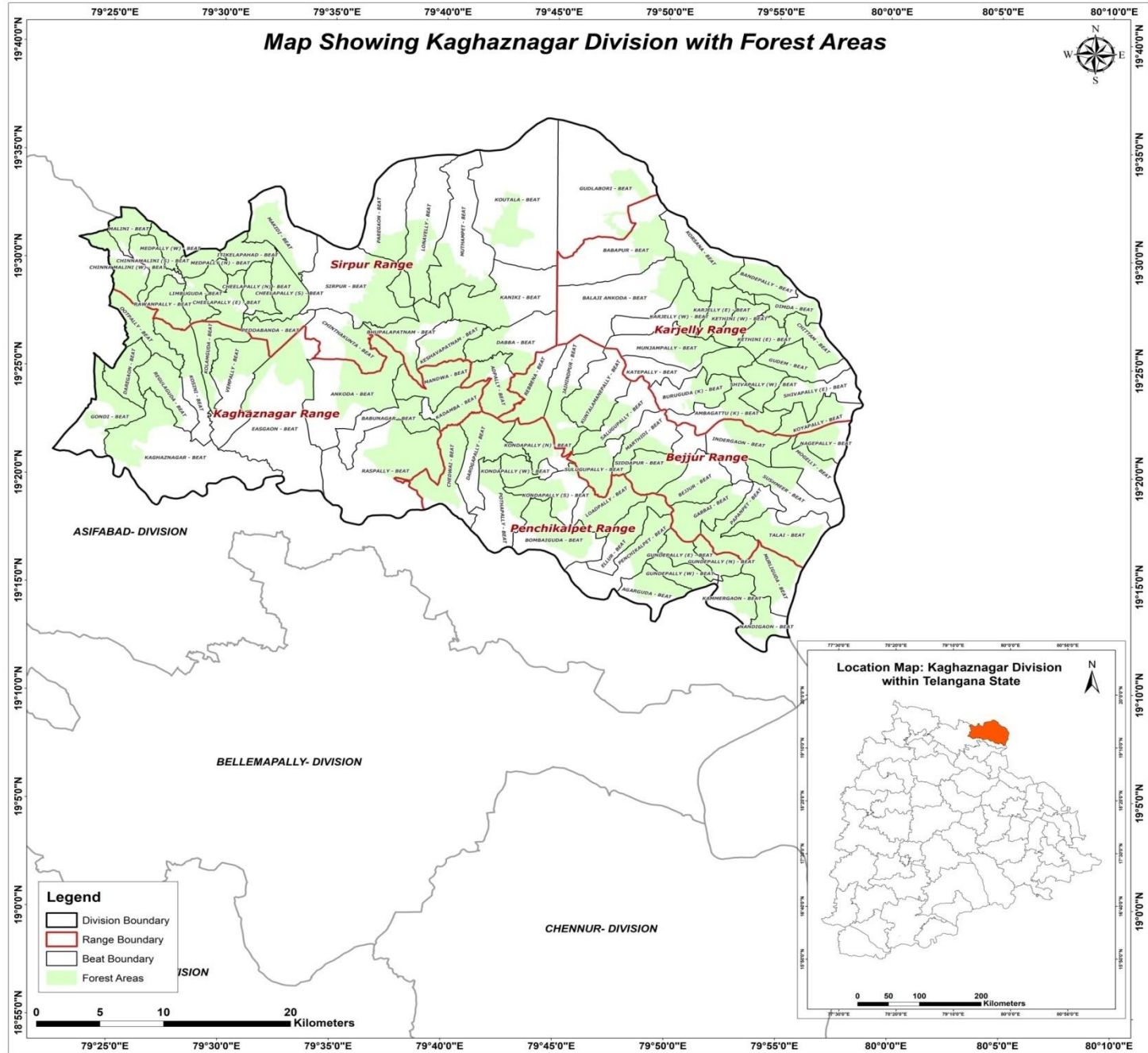


SITE SUITABILITY ANALYSIS FOR WATER HARVESTING STRUCTURES USING REMOTE SENSING & GIS

Circle: Kawal TR
District: Kumuram Bheem Asifabad
Division: Kaghaznagar

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

Map Showing Kaghaznagar Division with Forest Areas



19°40'0"N
19°35'0"N
19°30'0"N
19°25'0"N
19°20'0"N
19°15'0"N
19°10'0"N
19°0'0"N
18°55'0"N

79°25'0"E
79°30'0"E
79°35'0"E
79°40'0"E
79°45'0"E
79°50'0"E
79°55'0"E
80°0'0"E
80°5'0"E
80°10'0"E

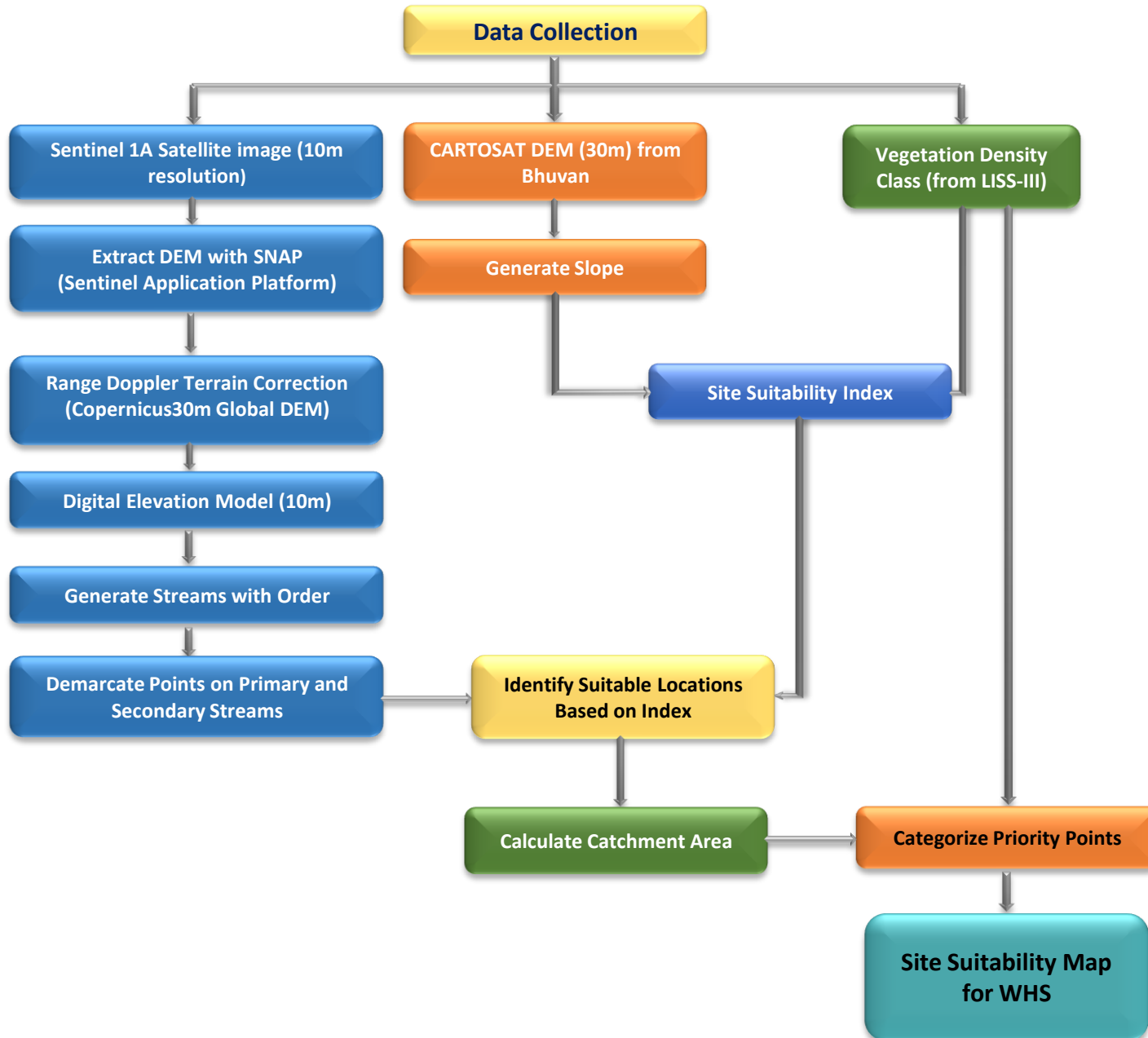
METHODOLOGY

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.



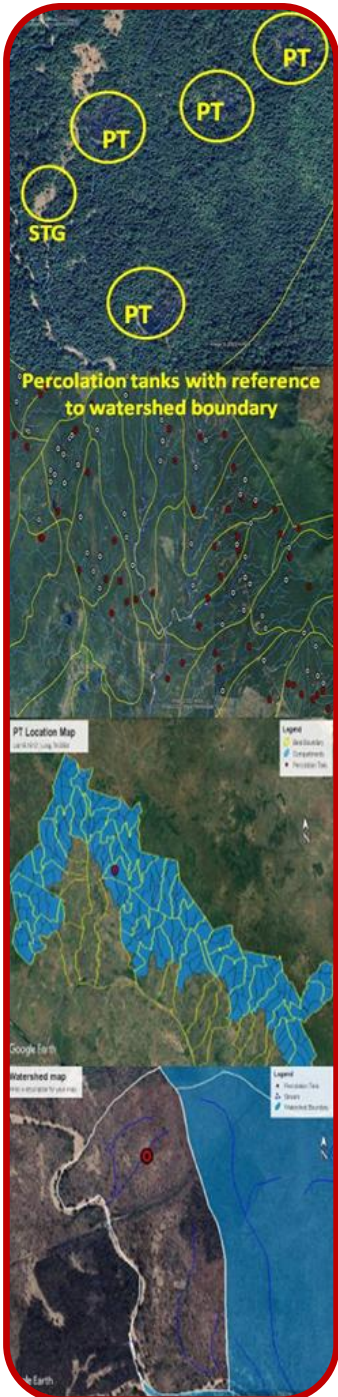
Suitability criteria for Check-Dams and Percolation Tanks (SITE SUITABILITY INDEX)

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





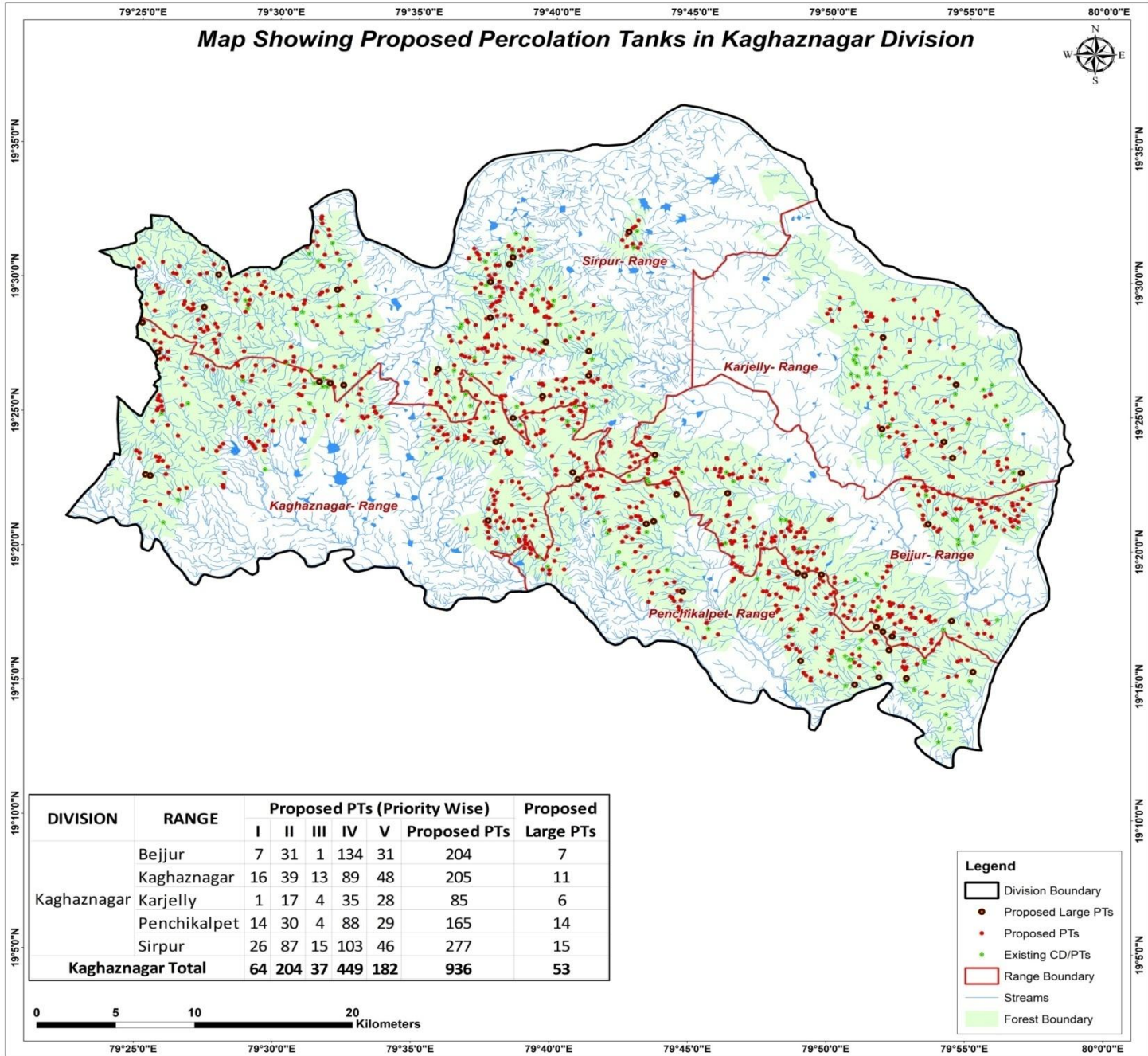
PRIORITY CLASSES FOR PERCOLATION TANK

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



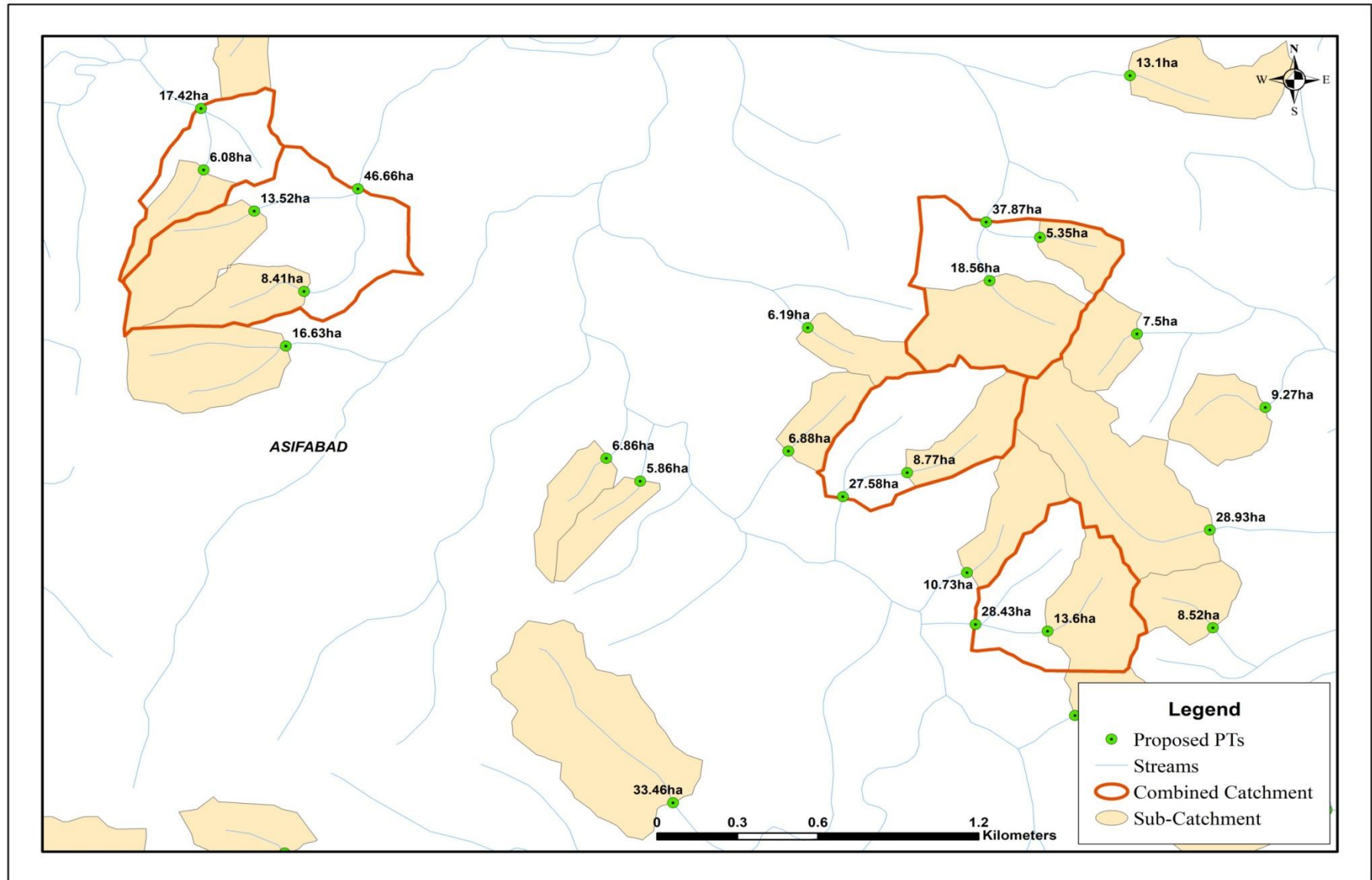


Map Showing Proposed Percolation Tanks in Kaghaznagar Division

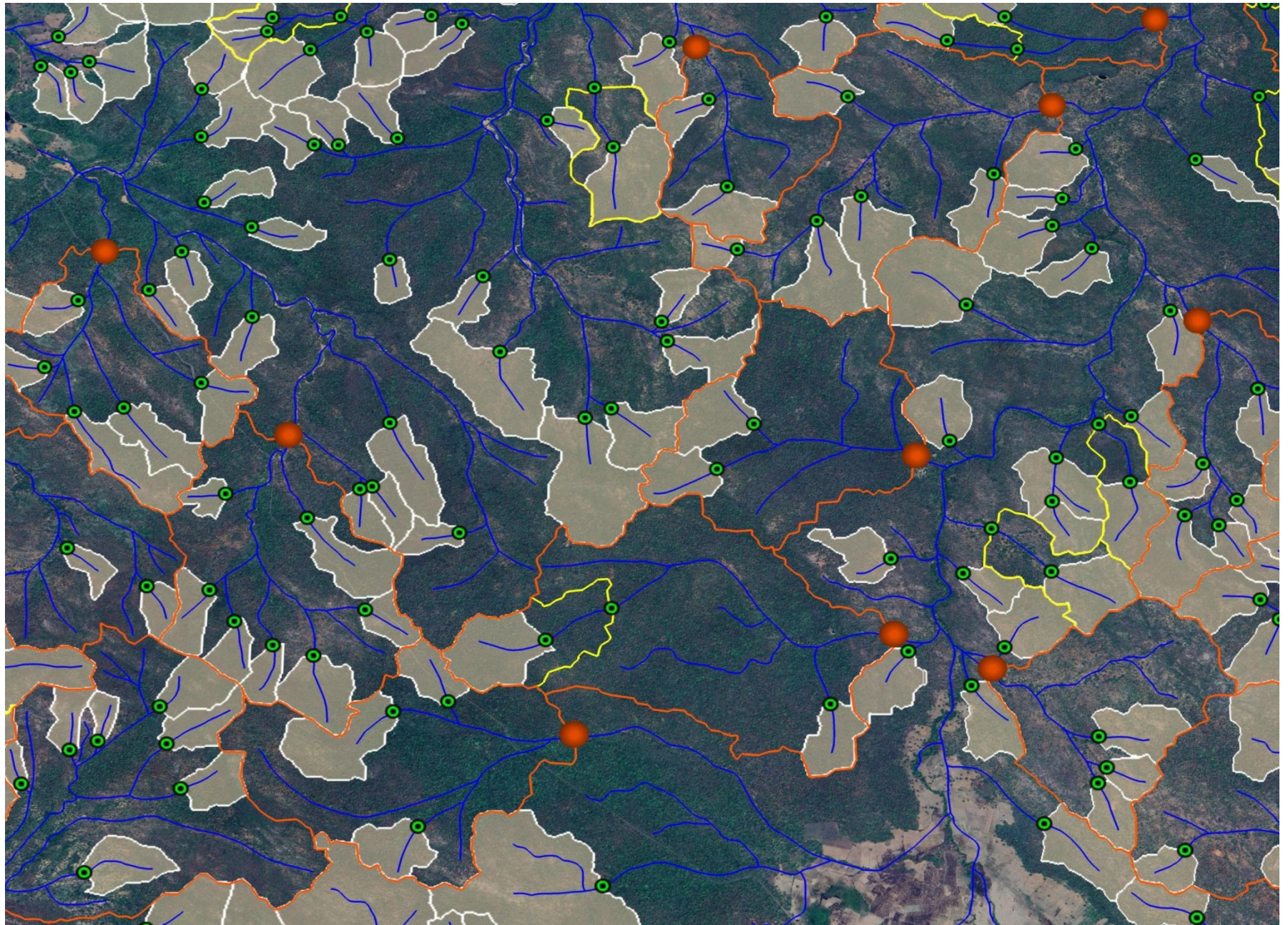


- Legend**
- Division Boundary
 - Proposed Large PTs
 - Proposed PTs
 - Existing CD/PTs
 - Range Boundary
 - Streams
 - Forest Boundary

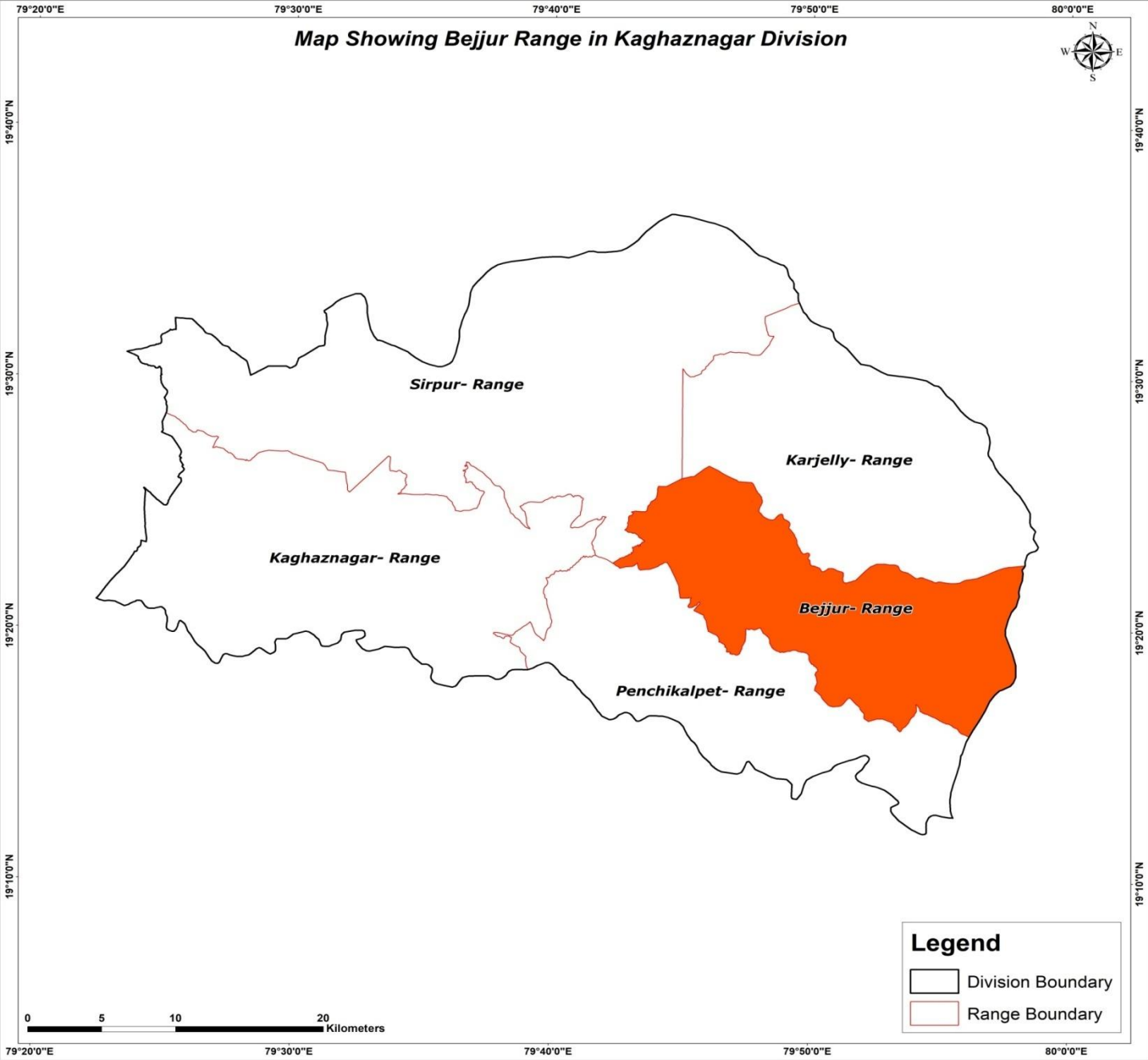
CATCHMENT AREA



Sample Catchment Map



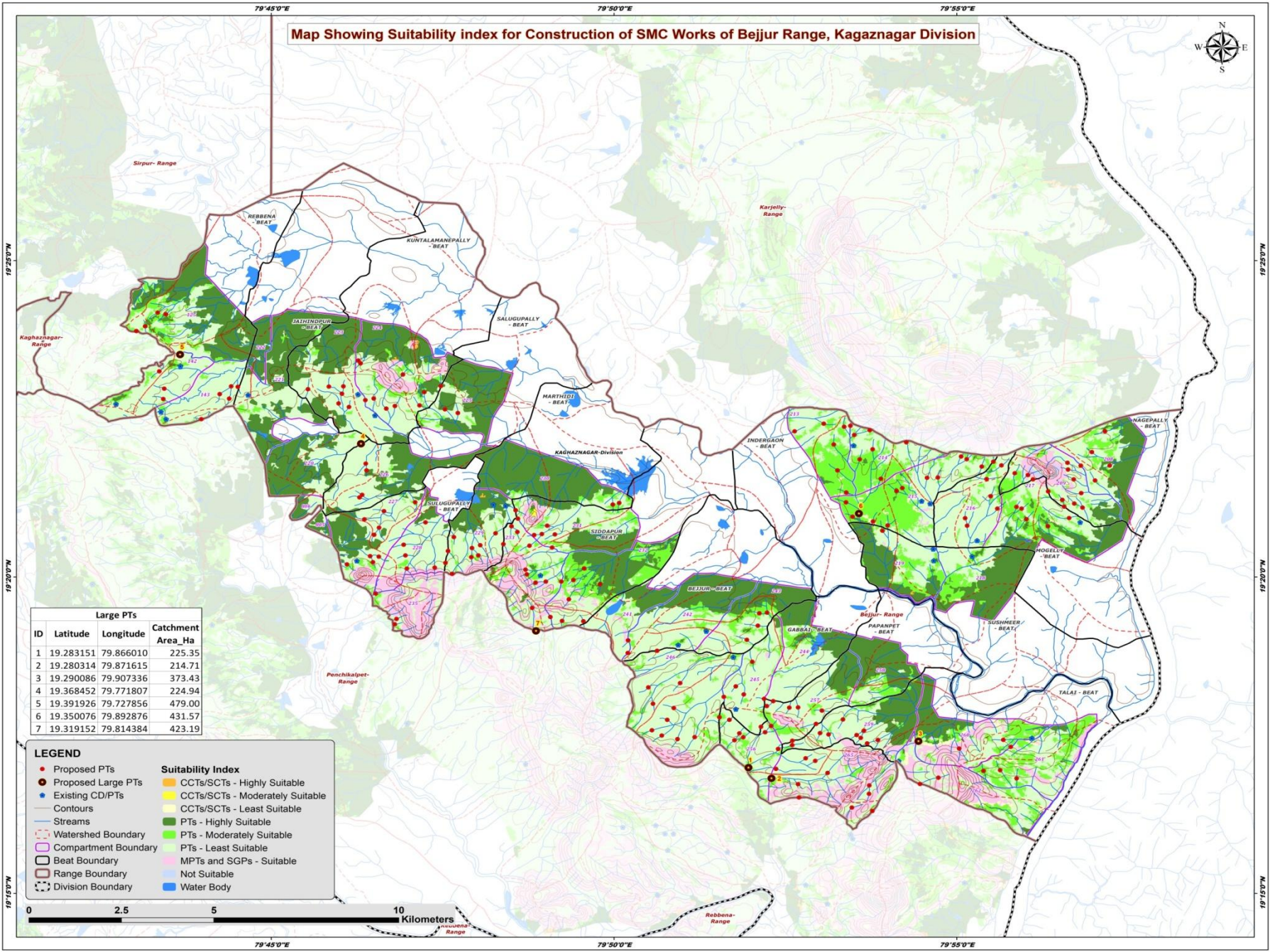
Map Showing Bejjur Range in Kaghaznagar Division



Legend

- Division Boundary
- Range Boundary

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



Large PTs			
ID	Latitude	Longitude	Catchment Area_Ha
1	19.283151	79.866010	225.35
2	19.280314	79.871615	214.71
3	19.290086	79.907336	373.43
4	19.368452	79.771807	224.94
5	19.391926	79.727856	479.00
6	19.350076	79.892876	431.57
7	19.319152	79.814384	423.19

LEGEND

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

Suitability Index

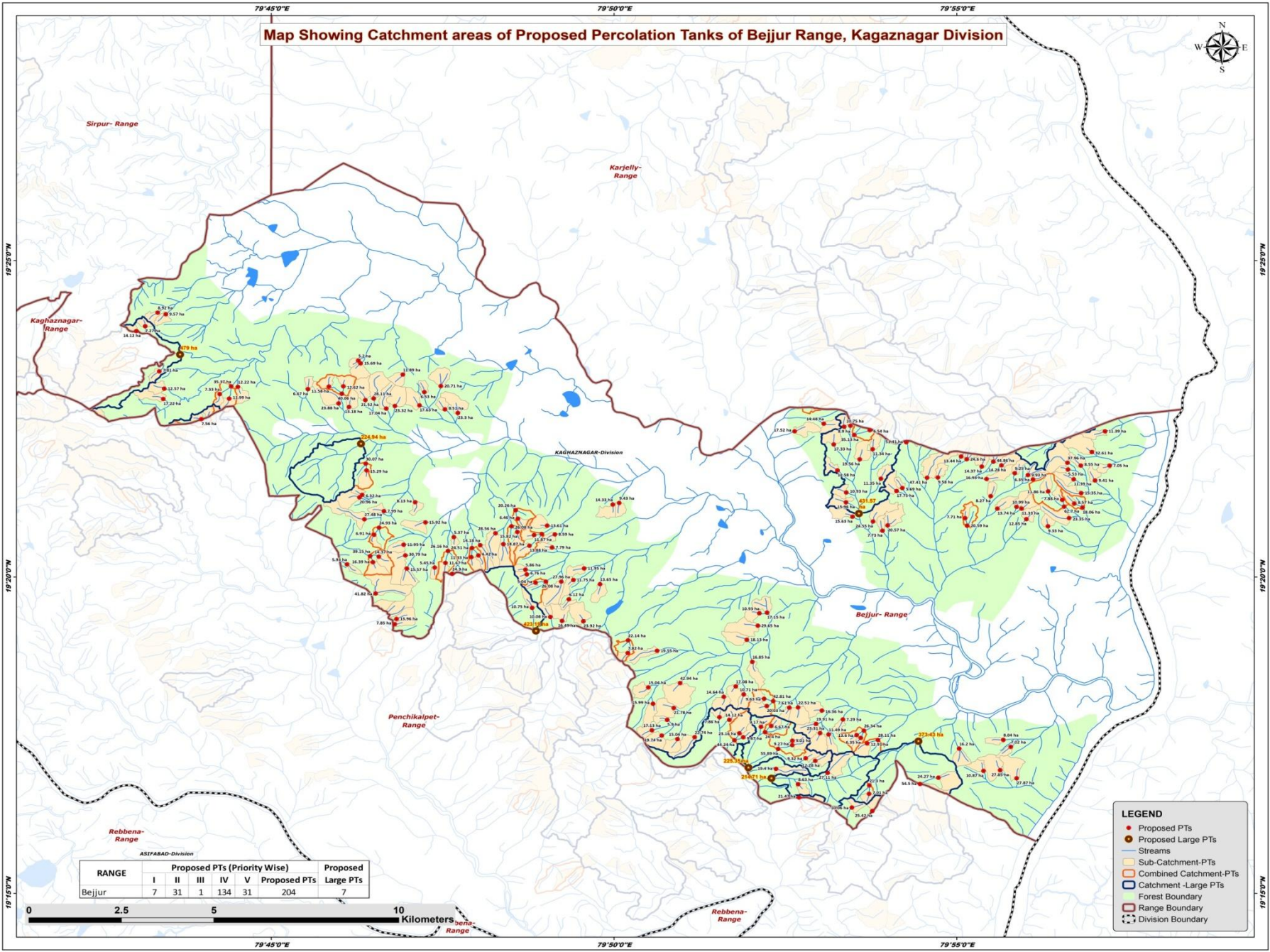
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body



19°25'0"N
19°20'0"N
19°15'0"N

79°45'0"E
79°50'0"E
79°55'0"E

Map Showing Catchment areas of Proposed Percolation Tanks of Bejjur Range, Kagaznagar Division



RANGE	Proposed PTs (Priority Wise)					Proposed Large PTs
	I	II	III	IV	V	
Bejjur	7	31	1	134	31	204

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

0 2.5 5 10 Kilometers

Beat wise Abstract of Proposed PT's – Bejjur Range

S. No.	Beat	Proposed PT's
1	BEJJUR	6
2	GABBAI	15
3	INDERGAON	25
4	KUNTALAMANEPALLY	15
5	MARTHIDI	11
6	MOGELLY	11
7	NAGEPALLY	17
8	PAPANPET	25
9	REBBENA	12
10	SALUGUPALLY	7
11	SIDDAPUR	23
12	SULUGUPALLY	18
13	SUSHMEER	1
14	TALAI	18
	Total	204

List of Proposed PTs – Bejjur 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	19.323935	79.870547	17.15	II	BEJJUR	41	19.276234	79.895350	7.01	IV	PAPANPET	81	19.398113	79.717242	14.12	II	REBBENA
2	19.316809	79.865638	18.13	IV	BEJJUR	42	19.281761	79.885292	27.11	V	PAPANPET	82	19.402986	79.722399	8.92	II	REBBENA
3	19.316654	79.836783	22.14	IV	BEJJUR	43	19.271728	79.896142	25.42	V	PAPANPET	83	19.402565	79.724367	9.57	II	REBBENA
4	19.313339	79.836718	7.82	IV	BEJJUR	44	19.300660	79.872044	42.81	V	PAPANPET	84	19.381528	79.737503	7.33	IV	REBBENA
5	19.323774	79.868684	10.93	IV	BEJJUR	45	19.288058	79.873243	55.89	V	PAPANPET	85	19.380319	79.739795	11.99	IV	REBBENA
6	19.320516	79.868310	29.65	V	BEJJUR	46	19.290374	79.862612	44.24	V	PAPANPET	86	19.380232	79.723765	17.22	IV	REBBENA
7	19.301776	79.860036	14.64	II	GABBAI	47	19.295824	79.888985	7.29	II	TALAI	87	19.374926	79.733019	7.56	IV	REBBENA
8	19.304289	79.841703	15.04	IV	GABBAI	48	19.282280	79.923159	10.87	II	TALAI	88	19.383422	79.741904	12.22	IV	REBBENA
9	19.301272	79.869844	9.63	IV	GABBAI	49	19.282472	79.927206	27.85	III	TALAI	89	19.382934	79.723993	12.57	IV	REBBENA
10	19.313907	79.843838	19.55	IV	GABBAI	50	19.288613	79.929813	7.02	IV	TALAI	90	19.387503	79.722802	7.81	IV	REBBENA
11	19.290651	79.848791	15.04	IV	GABBAI	51	19.290985	79.893326	6.35	IV	TALAI	91	19.383542	79.740270	35.37	V	REBBENA
12	19.291155	79.852962	22.74	IV	GABBAI	52	19.289079	79.876677	9.27	IV	TALAI	92	19.355982	79.902043	17.75	I	INDERGAON
13	19.298845	79.847884	21.78	IV	GABBAI	53	19.291868	79.885517	11.49	IV	TALAI	93	19.366987	79.896221	11.34	II	INDERGAON
14	19.304519	79.862948	17.08	IV	GABBAI	54	19.280478	79.912209	24.27	IV	TALAI	94	19.364320	79.893069	19.56	II	INDERGAON
15	19.291588	79.844973	19.74	IV	GABBAI	55	19.292235	79.883439	23.31	IV	TALAI	95	19.349235	79.891318	15.63	II	INDERGAON
16	19.311004	79.866957	16.85	IV	GABBAI	56	19.290448	79.928006	8.04	IV	TALAI	96	19.368262	79.886768	17.33	II	INDERGAON
17	19.295729	79.846277	5.90	IV	GABBAI	57	19.288142	79.917244	16.20	IV	TALAI	97	19.356758	79.903443	5.69	II	INDERGAON
18	19.299961	79.842829	15.99	IV	GABBAI	58	19.289532	79.894903	12.91	IV	TALAI	98	19.361424	79.887674	11.58	II	INDERGAON
19	19.302441	79.864908	10.71	IV	GABBAI	59	19.290240	79.876688	9.01	IV	TALAI	99	19.359228	79.898215	11.35	II	INDERGAON
20	19.292971	79.842565	17.13	IV	GABBAI	60	19.291734	79.892337	13.60	IV	TALAI	100	19.347959	79.896327	24.55	II	INDERGAON
21	19.305406	79.849427	42.94	V	GABBAI	61	19.280324	79.931243	27.87	V	TALAI	101	19.353002	79.889748	15.96	II	INDERGAON
22	19.294113	79.871552	6.67	II	PAPANPET	62	19.292878	79.894117	26.34	V	TALAI	102	19.355611	79.889816	10.93	II	INDERGAON
23	19.296419	79.858969	7.86	II	PAPANPET	63	19.290419	79.897510	28.11	V	TALAI	103	19.346929	79.899865	20.57	II	INDERGAON
24	19.298929	79.875951	7.61	IV	PAPANPET	64	19.278834	79.907744	54.50	V	TALAI	104	19.373727	79.884350	14.48	IV	INDERGAON
25	19.291122	79.864778	9.67	IV	PAPANPET	65	19.390338	79.771185	5.20	II	KUNTALAMANEPALLY	105	19.368840	79.904419	51.41	IV	INDERGAON
26	19.298983	79.878089	22.51	IV	PAPANPET	66	19.389614	79.771733	15.69	II	KUNTALAMANEPALLY	106	19.365073	79.917728	13.44	IV	INDERGAON
27	19.299348	79.870507	20.03	IV	PAPANPET	67	19.383545	79.767544	12.62	IV	KUNTALAMANEPALLY	107	19.362424	79.922752	14.37	IV	INDERGAON
28	19.272627	79.891182	10.06	IV	PAPANPET	68	19.378537	79.786047	17.63	IV	KUNTALAMANEPALLY	108	19.372906	79.889294	8.90	IV	INDERGAON
29	19.298157	79.883873	16.36	IV	PAPANPET	69	19.378371	79.780089	23.32	IV	KUNTALAMANEPALLY	109	19.373170	79.890800	10.75	IV	INDERGAON
30	19.292465	79.870059	24.40	IV	PAPANPET	70	19.382800	79.758937	6.67	IV	KUNTALAMANEPALLY	110	19.372018	79.895552	6.54	IV	INDERGAON
31	19.292173	79.863831	23.16	IV	PAPANPET	71	19.379931	79.772877	21.52	IV	KUNTALAMANEPALLY	111	19.371712	79.877270	17.52	IV	INDERGAON
32	19.284928	79.882285	12.28	IV	PAPANPET	72	19.382036	79.787218	6.53	IV	KUNTALAMANEPALLY	112	19.364352	79.919090	24.60	IV	INDERGAON
33	19.285599	79.879948	9.32	IV	PAPANPET	73	19.379049	79.766374	23.88	IV	KUNTALAMANEPALLY	113	19.359554	79.912071	9.58	IV	INDERGAON
34	19.282806	79.872723	19.40	IV	PAPANPET	74	19.378129	79.768920	13.18	IV	KUNTALAMANEPALLY	114	19.359469	79.909461	47.41	V	INDERGAON
35	19.278787	79.878082	8.63	IV	PAPANPET	75	19.377693	79.777978	17.04	IV	KUNTALAMANEPALLY	115	19.370755	79.891763	35.13	V	INDERGAON
36	19.294654	79.882451	19.91	IV	PAPANPET	76	19.386651	79.782009	11.89	IV	KUNTALAMANEPALLY	116	19.363728	79.925557	44.86	V	INDERGAON
37	19.295733	79.861402	14.12	IV	PAPANPET	77	19.383483	79.764037	11.58	IV	KUNTALAMANEPALLY	117	19.348569	79.933585	12.85	I	MOGELLY
38	19.293874	79.869074	9.17	IV	PAPANPET	78	19.381622	79.767202	40.06	V	KUNTALAMANEPALLY	118	19.346687	79.938846	9.33	II	MOGELLY
39	19.275286	79.878307	21.47	IV	PAPANPET	79	19.380352	79.774943	28.11	V	KUNTALAMANEPALLY	119	19.351358	79.926524	13.74	IV	MOGELLY
40	19.278439	79.895403	21.30	IV	PAPANPET	80	19.399383	79.719355	7.27	II	REBBENA	120	19.354637	79.924915	8.27	IV	MOGELLY

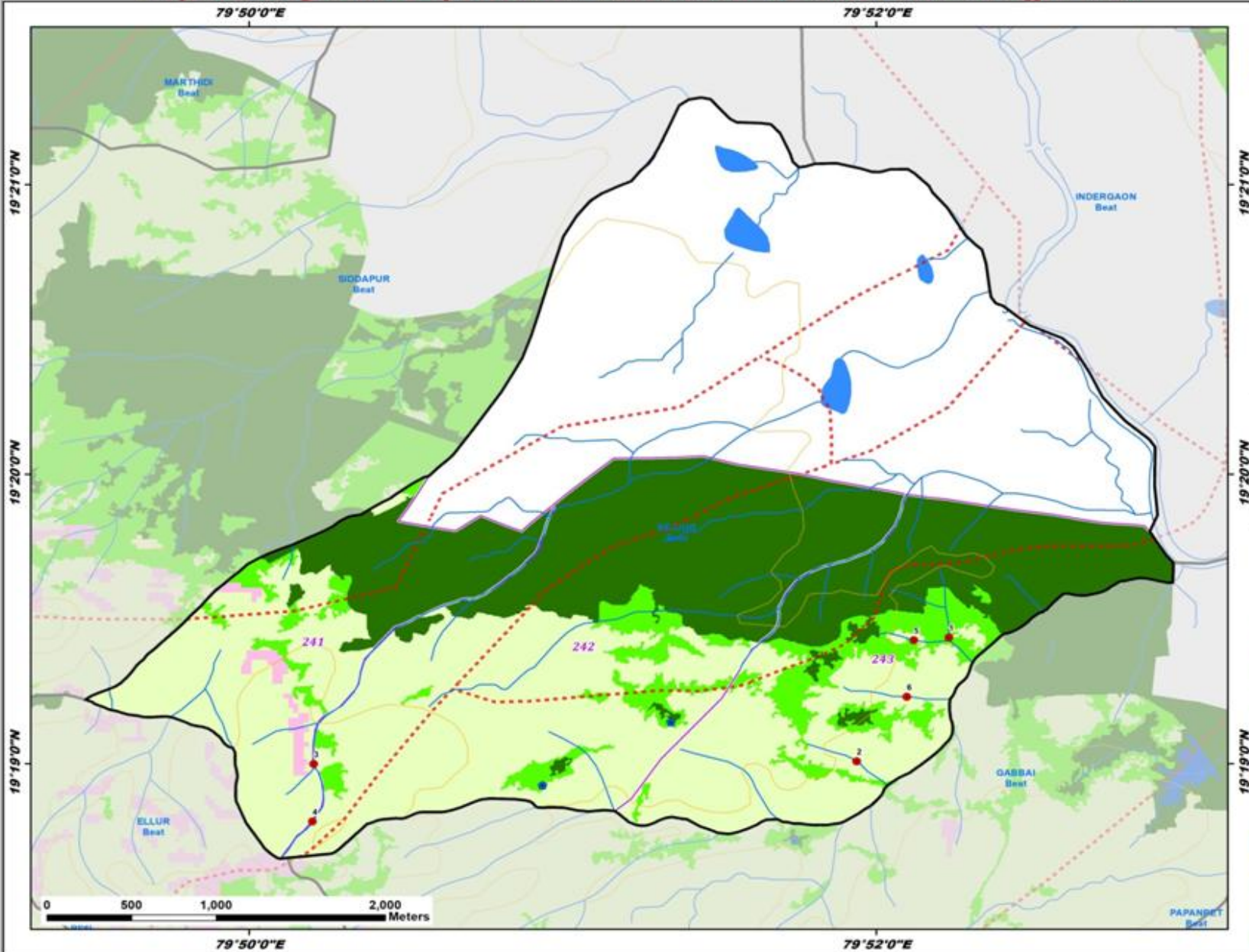
List of Proposed PTs – Bejjur Range

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	19.346858	79.919193	20.59	IV	MOGELLY	161	19.354976	79.772110	6.32	IV	SALUGUPALLY	201	19.339035	79.782623	30.79	V	SULUGUPALLY
122	19.351802	79.931185	10.99	IV	MOGELLY	162	19.354304	79.771483	20.96	IV	SALUGUPALLY	202	19.348553	79.772671	27.48	V	SULUGUPALLY
123	19.359158	79.923918	16.93	IV	MOGELLY	163	19.363191	79.772993	30.07	V	SALUGUPALLY	203	19.340185	79.793001	26.16	V	SULUGUPALLY
124	19.351345	79.932436	11.33	IV	MOGELLY	164	19.331448	79.829936	13.65	I	SIDDAPUR	204	19.328989	79.775383	41.82	V	SULUGUPALLY
125	19.348842	79.918711	7.71	IV	MOGELLY	165	19.335603	79.826101	11.95	I	SIDDAPUR						
126	19.362743	79.927557	14.28	IV	MOGELLY	166	19.334060	79.812158	6.76	II	SIDDAPUR						
127	19.348877	79.943971	23.35	IV	MOGELLY	167	19.332548	79.823455	11.75	II	SIDDAPUR						
128	19.352683	79.945244	8.57	II	NAGEPALLY	168	19.331834	79.814295	5.04	II	SIDDAPUR						
129	19.355874	79.938895	11.86	II	NAGEPALLY	169	19.341595	79.812796	13.88	IV	SIDDAPUR						
130	19.359055	79.945122	11.39	IV	NAGEPALLY	170	19.344572	79.818964	8.59	IV	SIDDAPUR						
131	19.359058	79.935216	6.35	IV	NAGEPALLY	171	19.345225	79.809849	15.82	IV	SIDDAPUR						
132	19.358766	79.950287	9.41	IV	NAGEPALLY	172	19.327489	79.822364	6.12	IV	SIDDAPUR						
133	19.353651	79.942319	7.88	IV	NAGEPALLY	173	19.342001	79.806433	18.87	IV	SIDDAPUR						
134	19.355441	79.946937	15.35	IV	NAGEPALLY	174	19.341115	79.818299	7.79	IV	SIDDAPUR						
135	19.371727	79.952730	11.39	IV	NAGEPALLY	175	19.335273	79.811822	5.86	IV	SIDDAPUR						
136	19.360676	79.930793	9.25	IV	NAGEPALLY	176	19.344402	79.813910	11.87	IV	SIDDAPUR						
137	19.351607	79.947245	18.06	IV	NAGEPALLY	177	19.348689	79.809970	6.46	IV	SIDDAPUR						
138	19.362675	79.953864	7.05	IV	NAGEPALLY	178	19.346854	79.817090	13.61	IV	SIDDAPUR						
139	19.361656	79.943722	5.53	IV	NAGEPALLY	179	19.322812	79.817865	10.08	IV	SIDDAPUR						
140	19.360177	79.933970	9.93	IV	NAGEPALLY	180	19.325220	79.813449	10.75	IV	SIDDAPUR						
141	19.362699	79.946843	8.55	IV	NAGEPALLY	181	19.321782	79.820714	16.49	IV	SIDDAPUR						
142	19.363442	79.943602	37.96	V	NAGEPALLY	182	19.321685	79.825894	23.92	IV	SIDDAPUR						
143	19.351881	79.942771	62.70	V	NAGEPALLY	183	19.346704	79.808417	26.08	V	SIDDAPUR						
144	19.366237	79.949502	32.61	V	NAGEPALLY	184	19.332145	79.816760	26.08	V	SIDDAPUR						
145	19.345536	79.898620	7.73	II	SUSHMEER	185	19.344661	79.815793	38.19	V	SIDDAPUR						
146	19.337041	79.792375	11.67	II	MARTHIDI	186	19.332148	79.820537	27.96	V	SIDDAPUR						
147	19.352418	79.833064	14.33	IV	MARTHIDI	187	19.338702	79.776144	14.37	IV	SULUGUPALLY						
148	19.341723	79.800821	14.18	IV	MARTHIDI	188	19.320913	79.780034	7.85	IV	SULUGUPALLY						
149	19.339044	79.800359	6.42	IV	MARTHIDI	189	19.335839	79.789752	5.45	IV	SULUGUPALLY						
150	19.340958	79.798797	24.51	IV	MARTHIDI	190	19.335582	79.782976	15.57	IV	SULUGUPALLY						
151	19.343855	79.794395	5.37	IV	MARTHIDI	191	19.353044	79.784980	8.13	IV	SULUGUPALLY						
152	19.334190	79.793977	24.30	IV	MARTHIDI	192	19.341847	79.782225	11.95	IV	SULUGUPALLY						
153	19.350952	79.809413	20.26	IV	MARTHIDI	193	19.337235	79.774728	16.39	IV	SULUGUPALLY						
154	19.352848	79.834609	9.43	IV	MARTHIDI	194	19.344477	79.775012	6.91	IV	SULUGUPALLY						
155	19.338563	79.798664	11.33	IV	MARTHIDI	195	19.350687	79.777407	7.99	IV	SULUGUPALLY						
156	19.344845	79.804525	28.56	V	MARTHIDI	196	19.322300	79.780464	13.96	IV	SULUGUPALLY						
157	19.361418	79.773180	15.29	I	SALUGUPALLY	197	19.347732	79.787510	15.92	IV	SULUGUPALLY						
158	19.377509	79.792248	8.51	I	SALUGUPALLY	198	19.336656	79.768429	5.93	IV	SULUGUPALLY						
159	19.383626	79.791255	20.71	I	SALUGUPALLY	199	19.346338	79.776225	24.93	IV	SULUGUPALLY						
160	19.376540	79.795385	23.30	IV	SALUGUPALLY	200	19.338850	79.774051	39.15	V	SULUGUPALLY						

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



Division : Kaghaznagar
Range : Bejjur



ID	Latitude	Longitude	Catchment Area(Ha)	Priority
1	19.323935	79.870547	17.15	II
2	19.316809	79.865638	18.13	IV
3	19.316654	79.836783	22.14	IV
4	19.313339	79.836718	7.82	IV
5	19.323774	79.868684	10.93	IV
6	19.320516	79.868310	29.65	V

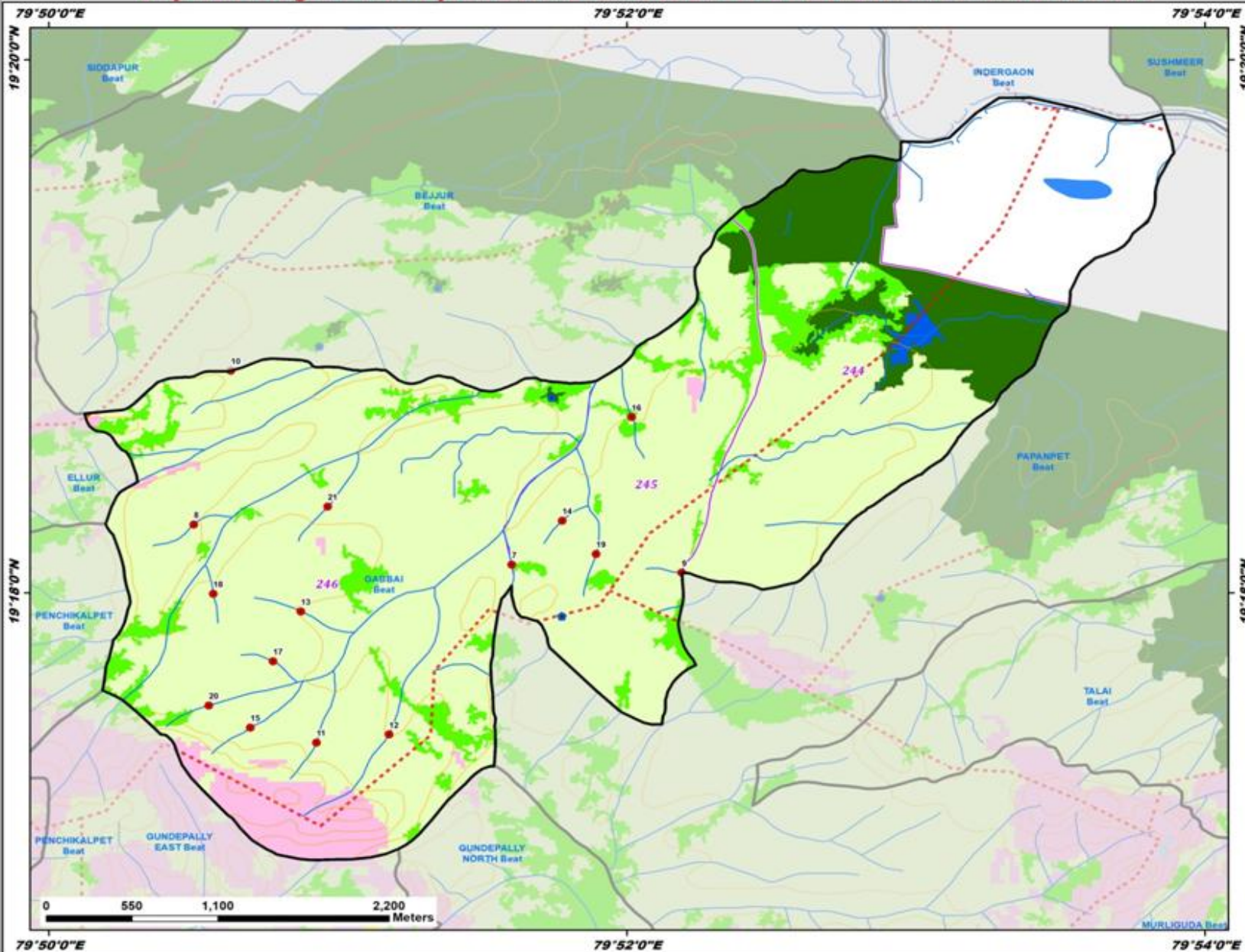
Legend

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

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



Division : Kaghaznagar
Range : Bejjur



ID	Latitude	Longitude	Catchment Area(Ha)	Priority
7	19.301776	79.860036	14.64	II
8	19.304289	79.841703	15.04	IV
9	19.301272	79.869844	9.63	IV
10	19.313907	79.843838	19.55	IV
11	19.290651	79.848791	15.04	IV
12	19.291155	79.852962	22.74	IV
13	19.298845	79.847884	21.78	IV
14	19.304519	79.862948	17.08	IV
15	19.291588	79.844973	19.74	IV
16	19.311004	79.866957	16.85	IV
17	19.295729	79.846277	5.90	IV
18	19.299961	79.842829	15.99	IV
19	19.302441	79.864908	10.71	IV
20	19.292971	79.842565	17.13	IV
21	19.305406	79.849427	42.94	V

Legend

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

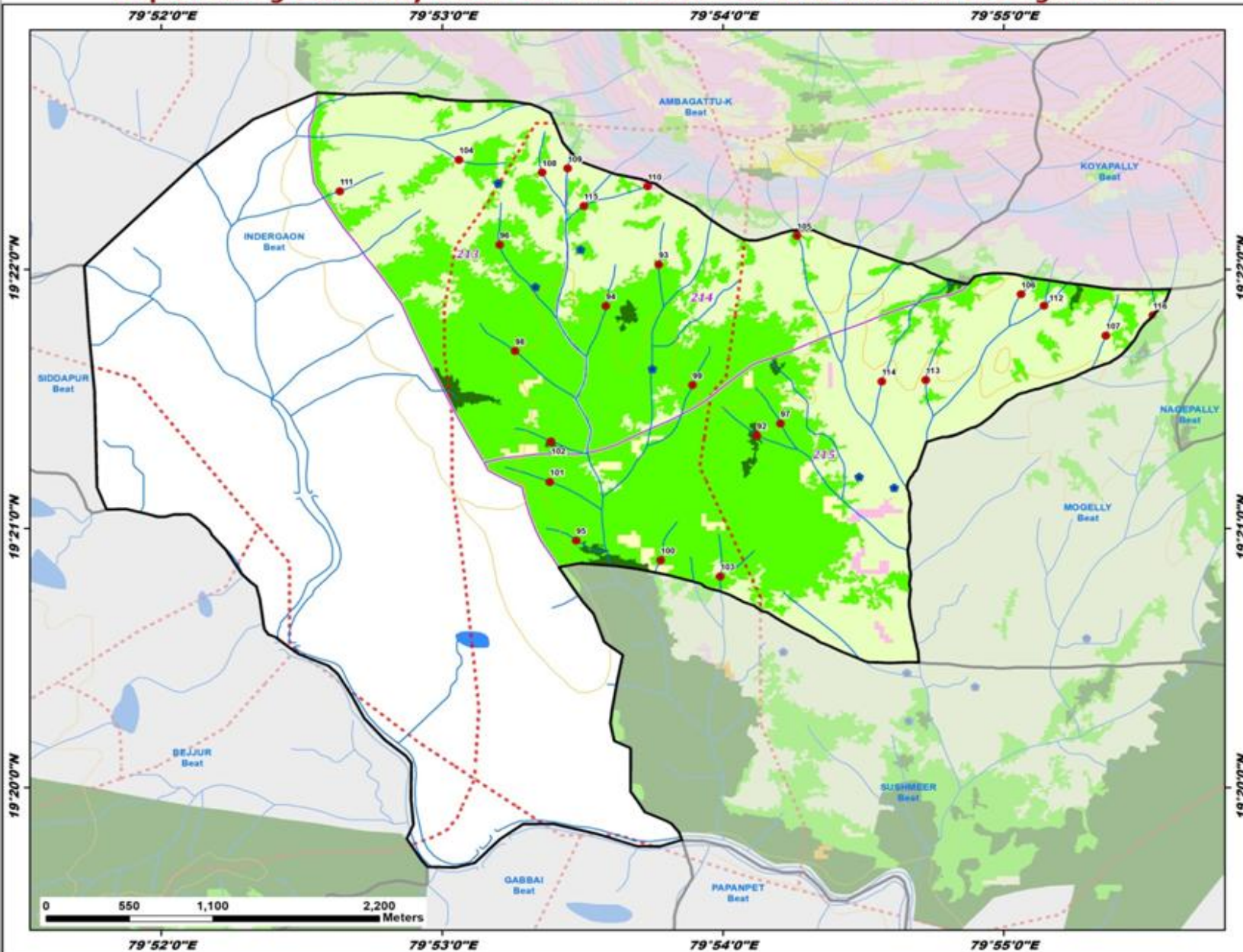
Suitability Index

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

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



Division : Kaghaznagar
Range : Bejjur



ID	Latitude	Longitude	Catchment Area(Ha)	Priority
92	19.355982	79.902043	17.75	I
93	19.366987	79.896221	11.34	II
94	19.364320	79.893069	19.56	II
95	19.349235	79.891318	15.63	II
96	19.368262	79.886768	17.33	II
97	19.356758	79.903443	5.69	II
98	19.361424	79.887674	11.58	II
99	19.359228	79.898215	11.35	II
100	19.347959	79.896327	24.55	II
101	19.353002	79.889748	15.96	II
102	19.355611	79.889816	10.93	II
103	19.346929	79.899865	20.57	II
104	19.373727	79.884350	14.48	IV
105	19.368840	79.904419	51.41	IV
106	19.365073	79.917728	13.44	IV
107	19.362424	79.922752	14.37	IV
108	19.372906	79.889294	8.90	IV
109	19.373170	79.890800	10.75	IV
110	19.372018	79.895552	6.54	IV
111	19.371712	79.877270	17.52	IV
112	19.364352	79.919090	24.60	IV
113	19.359554	79.912071	9.58	IV
114	19.359469	79.909461	47.41	V
115	19.370755	79.891763	35.13	V
116	19.363728	79.925557	44.86	V

Legend

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

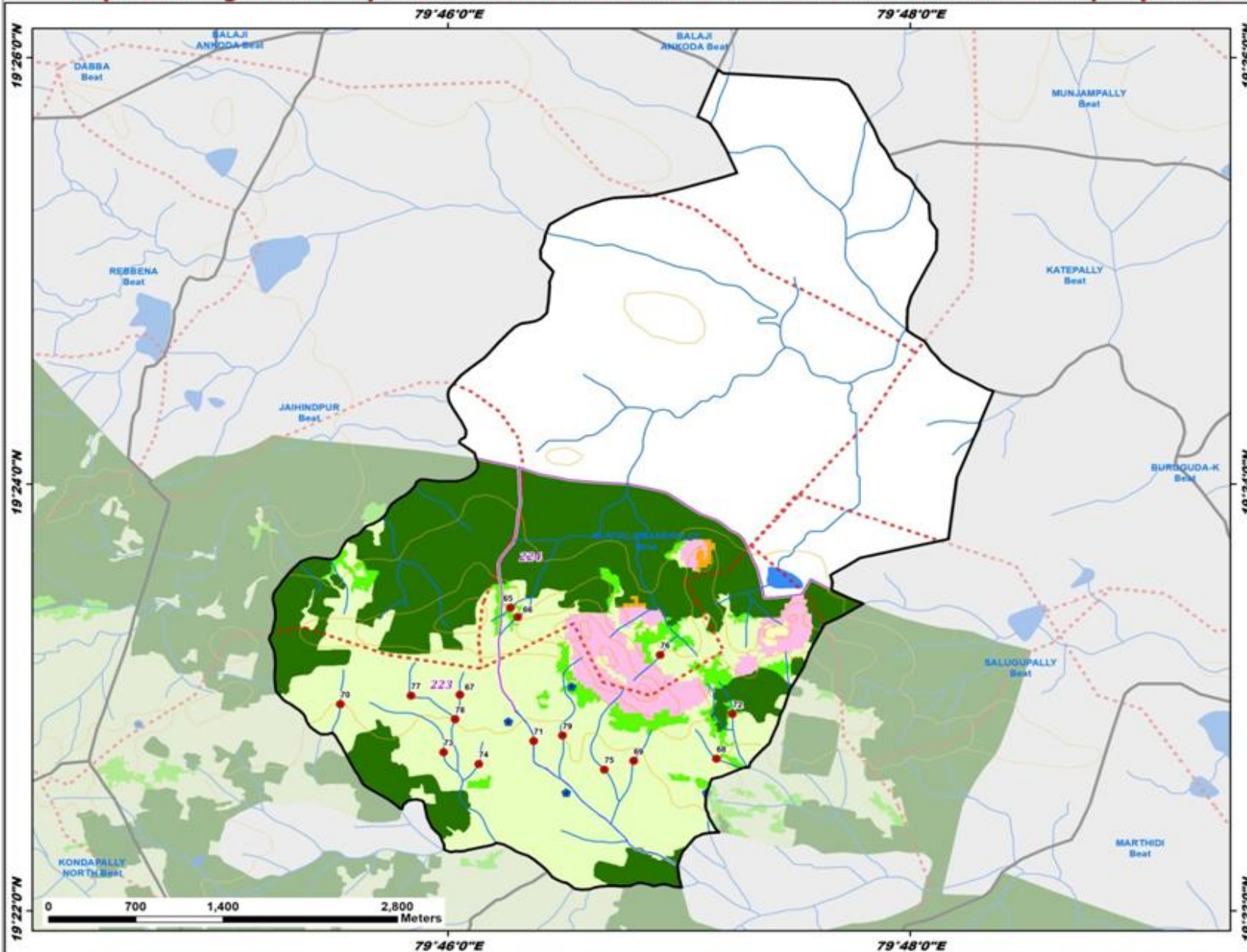
Suitability Index

- 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 Kuntalamanepally Beat



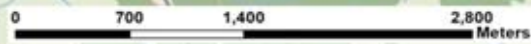
Division : Kaghaznagar
Range : Bejjur



ID	Latitude	Longitude	Catchment Area(Ha)	Priority
65	19.390338	79.771185	5.20	II
66	19.389614	79.771733	15.69	II
67	19.383545	79.767544	12.62	IV
68	19.378537	79.786047	17.63	IV
69	19.378371	79.780089	23.32	IV
70	19.382800	79.758937	6.67	IV
71	19.379931	79.772877	21.52	IV
72	19.382036	79.787218	6.53	IV
73	19.379049	79.766374	23.88	IV
74	19.378129	79.768920	13.18	IV
75	19.377693	79.777978	17.04	IV
76	19.386651	79.782009	11.89	IV
77	19.383483	79.764037	11.58	IV
78	19.381622	79.767202	40.06	V
79	19.380352	79.774943	28.11	V

Legend

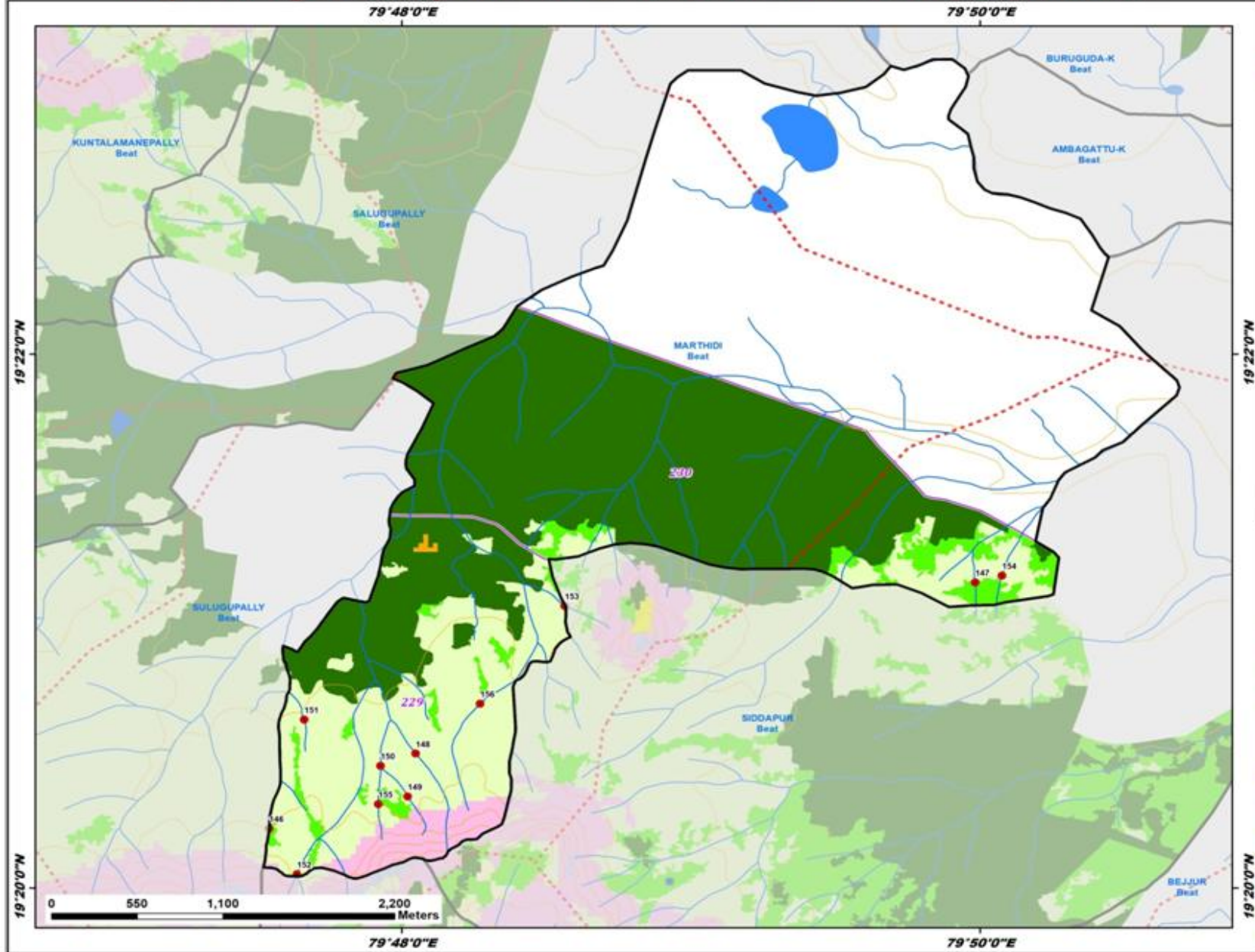
- Proposed PTs
 - Existing CD/PTs
 - Contours
 - Streams
 - - - Watershed Boundary
 - Compartment Boundary
 - Beat Boundary
 - Division Boundary
- Suitability Index**
- CCTs/SCTs - Highly Suitable
 - CCTs/SCTs - Moderately Suitable
 - CCTs/SCTs - Least Suitable
 - PTs - Highly Suitable
 - PTs - Moderately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



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



Division : Kaghaznagar
Range : Bejjur



ID	Latitude	Longitude	Catchment Area(Ha)	Priority
146	19.337041	79.792375	11.67	II
147	19.352418	79.833064	14.33	IV
148	19.341723	79.800821	14.18	IV
149	19.339044	79.800359	6.42	IV
150	19.340958	79.798797	24.51	IV
151	19.343855	79.794395	5.37	IV
152	19.334190	79.793977	24.30	IV
153	19.350952	79.809413	20.26	IV
154	19.352848	79.834609	9.43	IV
155	19.338563	79.798664	11.33	IV
156	19.344845	79.804525	28.56	V

Legend

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

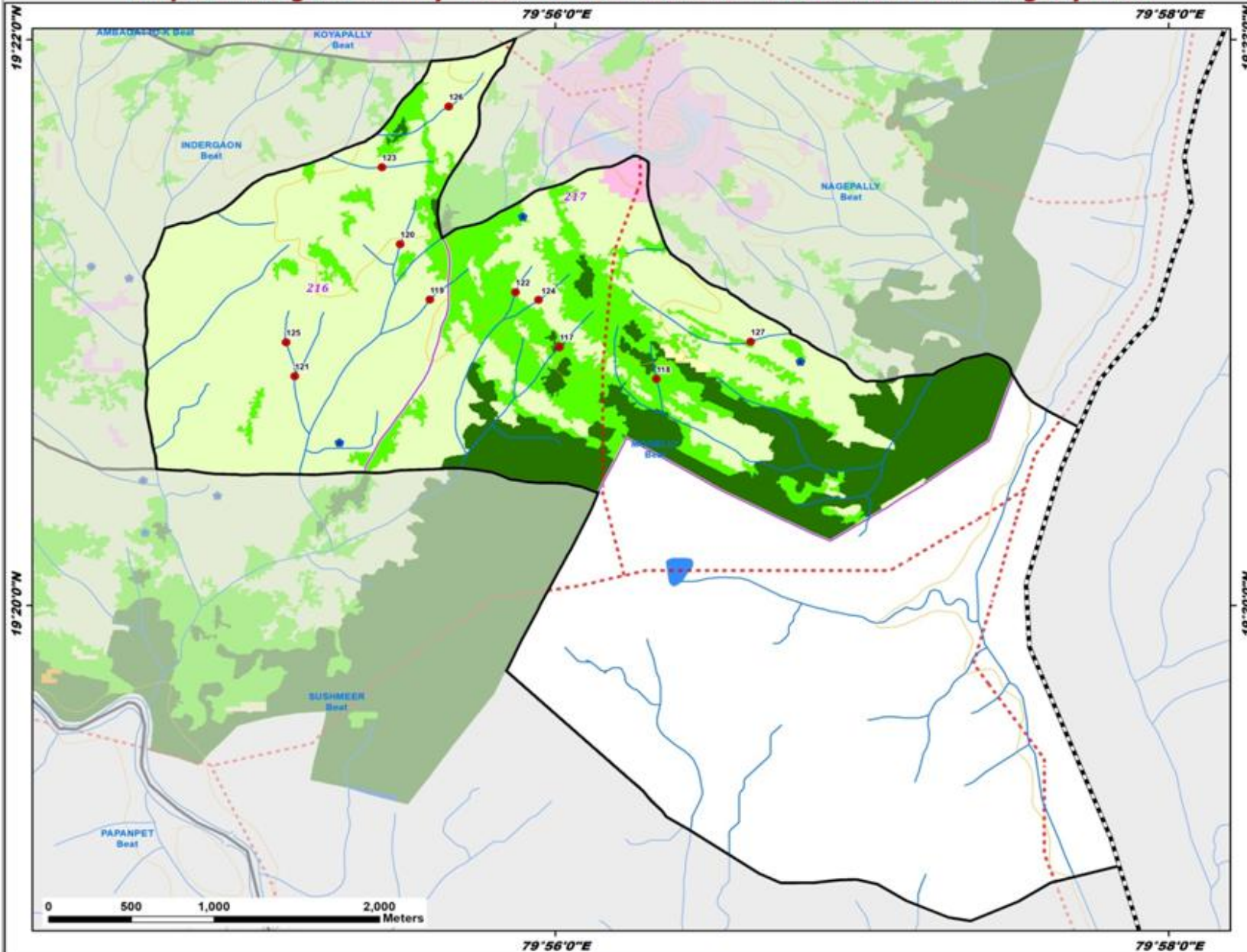
Suitability Index

- 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 Mogelly Beat



Division : Kaghaznagar
Range : Bejjur



ID	Latitude	Longitude	Catchment Area(Ha)	Priority
117	19.348569	79.933585	12.85	I
118	19.346687	79.938846	9.33	II
119	19.351358	79.926524	13.74	IV
120	19.354637	79.924915	8.27	IV
121	19.346858	79.919193	20.59	IV
122	19.351802	79.931185	10.99	IV
123	19.359158	79.923918	16.93	IV
124	19.351345	79.932436	11.33	IV
125	19.348842	79.918711	7.71	IV
126	19.362743	79.927557	14.28	IV
127	19.348877	79.943971	23.35	IV

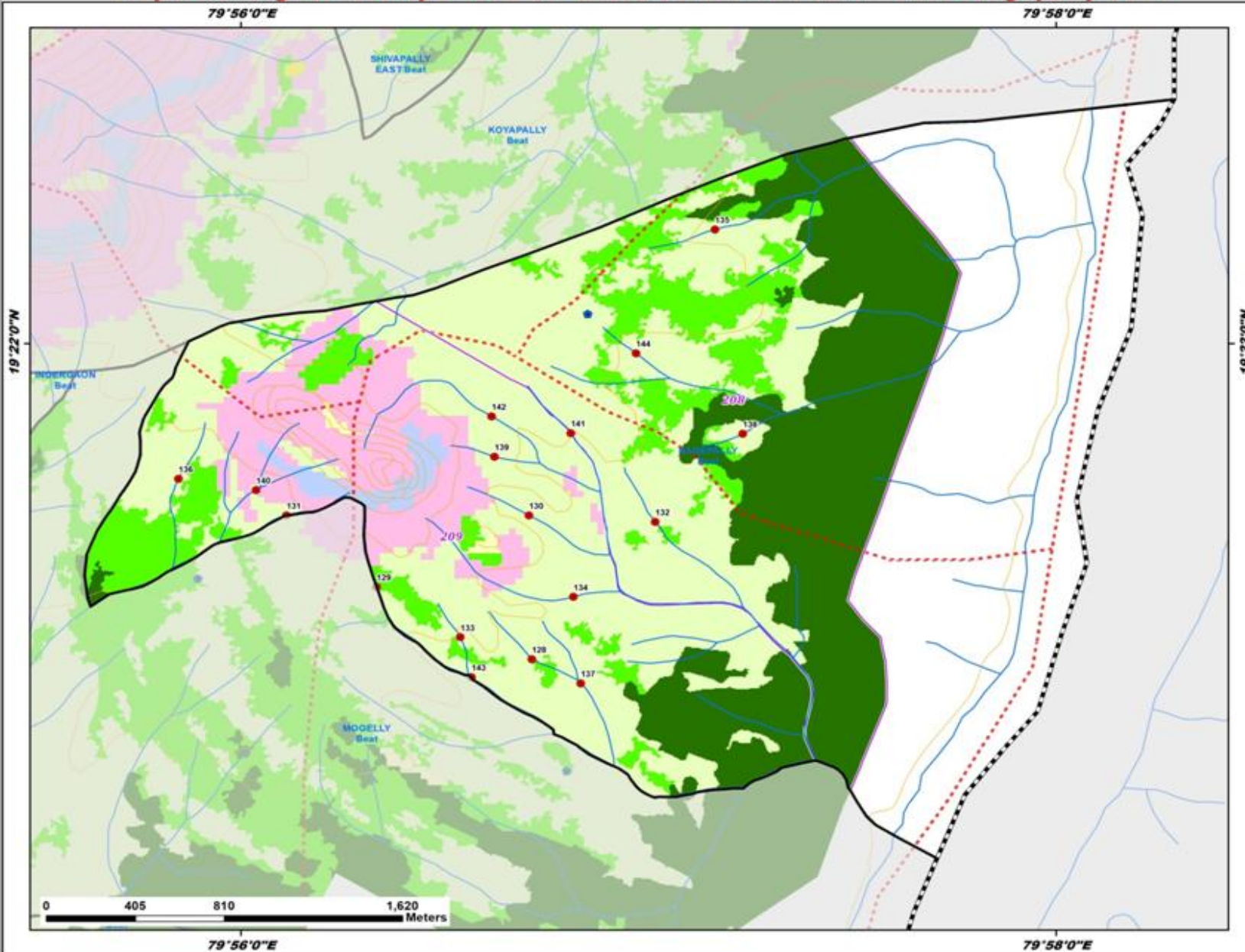
Legend

- 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 Nagepally Beat



Division : Kaghaznagar
Range : Bejjur



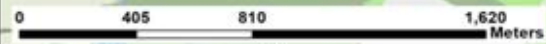
ID	Latitude	Longitude	Catchment Area(Ha)	Priority
128	19.352683	79.945244	8.57	II
129	19.355874	79.938895	11.86	II
130	19.359055	79.945122	11.39	IV
131	19.359058	79.935216	6.35	IV
132	19.358766	79.950287	9.41	IV
133	19.353651	79.942319	7.88	IV
134	19.355441	79.946937	15.35	IV
135	19.371727	79.952730	11.39	IV
136	19.360676	79.930793	9.25	IV
137	19.351607	79.947245	18.06	IV
138	19.362675	79.953864	7.05	IV
139	19.361656	79.943722	5.53	IV
140	19.360177	79.933970	9.93	IV
141	19.362699	79.946843	8.55	IV
142	19.363442	79.943602	37.96	V
143	19.351881	79.942771	62.70	V
144	19.366237	79.949502	32.61	V

Legend

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

Suitability Index

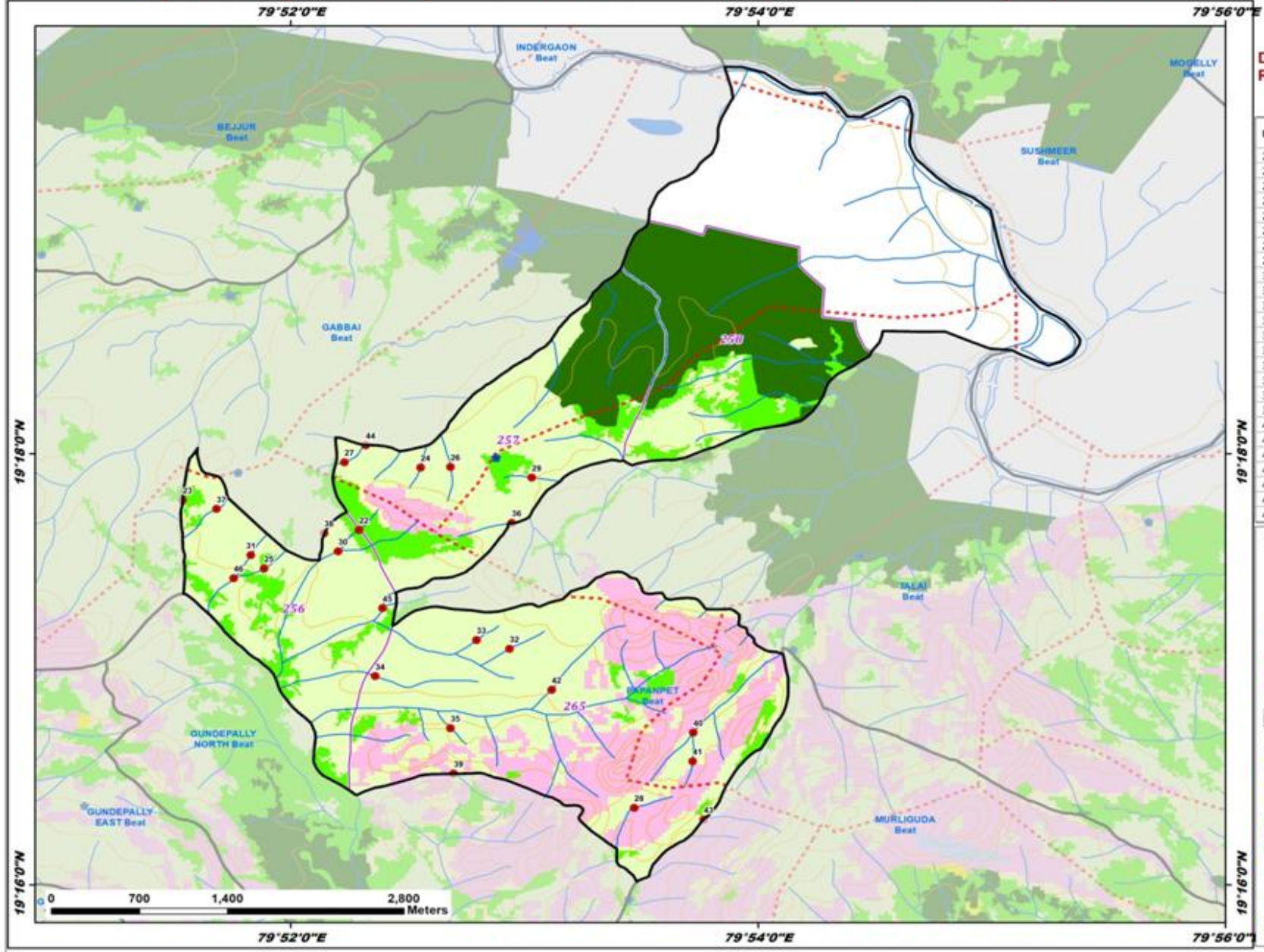
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body



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



Division : Kaghaznagar
Range : Bejjur



ID	Latitude	Longitude	Catchment Area(Ha)	Priority
22	19.294113	79.871552	6.67	II
23	19.296419	79.858969	7.86	II
24	19.298929	79.875951	7.61	IV
25	19.291122	79.864778	9.67	IV
26	19.298983	79.878089	22.51	IV
27	19.299348	79.870507	20.03	IV
28	19.272627	79.891182	10.06	IV
29	19.298157	79.883873	16.36	IV
30	19.292465	79.870059	24.40	IV
31	19.292173	79.863831	23.16	IV
32	19.284928	79.882285	12.28	IV
33	19.285599	79.879948	9.32	IV
34	19.282806	79.872723	19.40	IV
35	19.278787	79.878082	8.63	IV
36	19.294654	79.882451	19.91	IV
37	19.295733	79.861402	14.12	IV
38	19.293874	79.869074	9.17	IV
39	19.275286	79.878307	21.47	IV
40	19.278439	79.895403	21.30	IV
41	19.276234	79.895350	7.01	IV
42	19.281761	79.885292	27.11	V
43	19.271728	79.896142	25.42	V
44	19.300660	79.872044	42.81	V
45	19.288058	79.873243	55.89	V
46	19.290374	79.862612	44.24	V

Legend

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

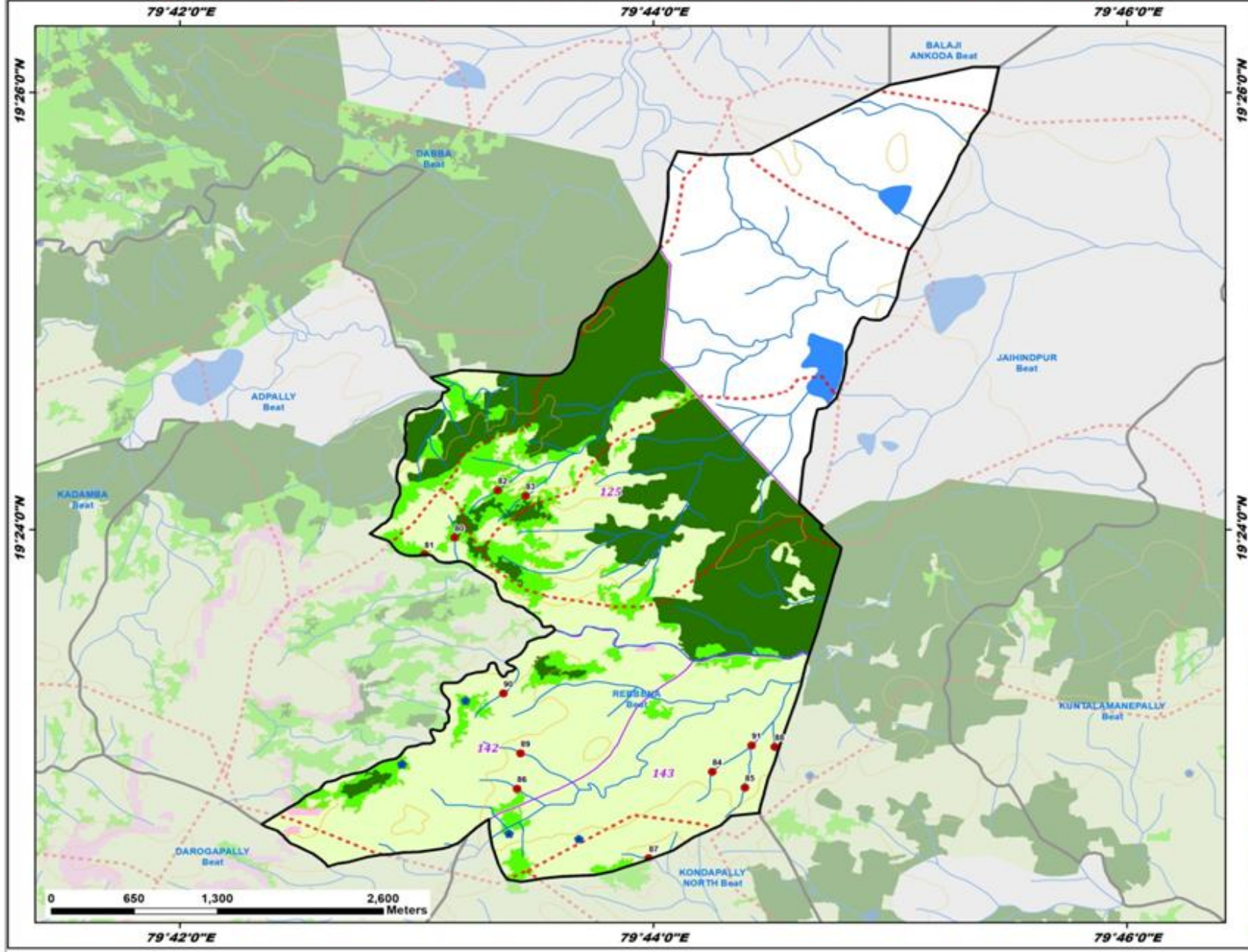
Suitability Index

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

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



Division : Kaghaznagar
Range : Bejjur



ID	Latitude	Longitude	Catchment Area(Ha)	Priority
80	19.399383	79.719355	7.27	II
81	19.398113	79.717242	14.12	II
82	19.402986	79.722399	8.92	II
83	19.402565	79.724367	9.57	II
84	19.381528	79.737503	7.33	IV
85	19.380319	79.739795	11.99	IV
86	19.380232	79.723765	17.22	IV
87	19.374926	79.733019	7.56	IV
88	19.383422	79.741904	12.22	IV
89	19.382934	79.723993	12.57	IV
90	19.387503	79.722802	7.81	IV
91	19.383542	79.740270	35.37	V

Legend

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

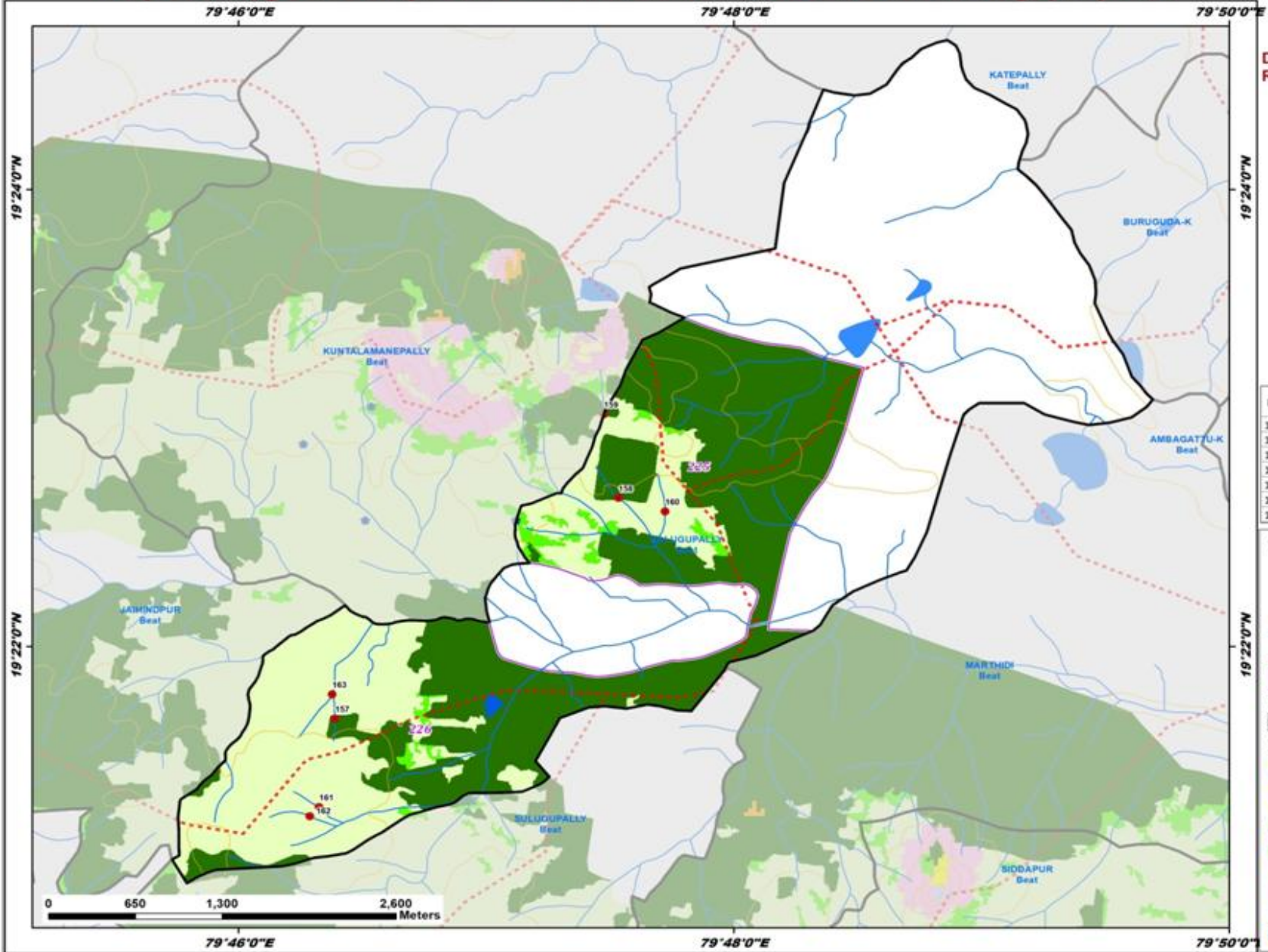
Suitability Index

- 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 Salugupally Beat



Division : Kaghaznagar
Range : Bejjur



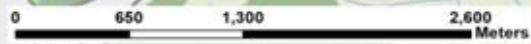
ID	Latitude	Longitude	Catchment Area(Ha)	Priority
157	19.361418	79.773180	15.29	I
158	19.377509	79.792248	8.51	I
159	19.383626	79.791255	20.71	I
160	19.376540	79.795385	23.30	IV
161	19.354976	79.772110	6.32	IV
162	19.354304	79.771483	20.96	IV
163	19.363191	79.772993	30.07	V

Legend

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

Suitability Index

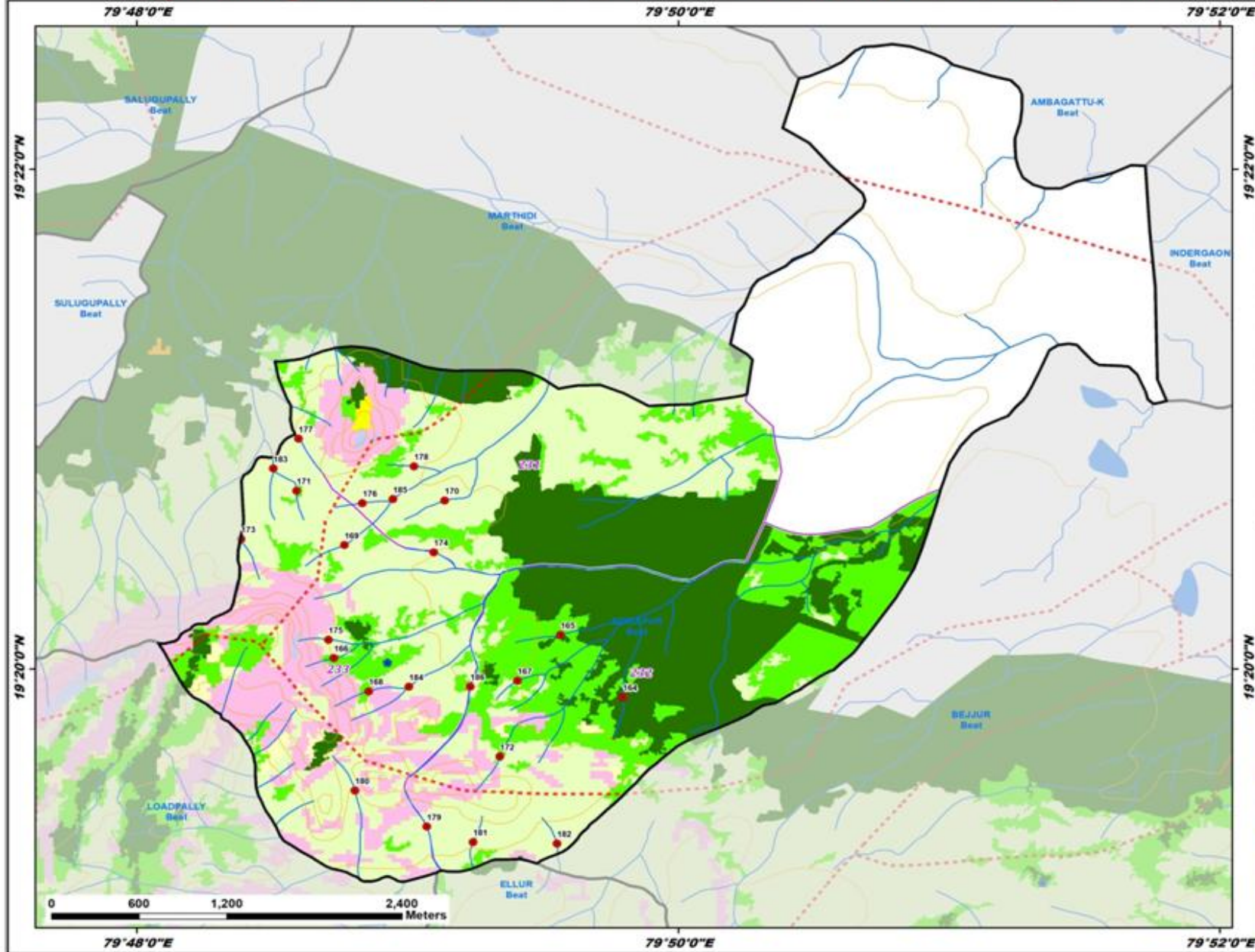
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPts - Suitable
- Not Suitable
- Water Body



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



Division : Kaghaznagar
Range : Bejjur



ID	Latitude	Longitude	Catchment Area(Ha)	Priority
164	19.331448	79.829936	13.65	I
165	19.335603	79.826101	11.95	I
166	19.334060	79.812158	6.76	II
167	19.332548	79.823455	11.75	II
168	19.331834	79.814295	5.04	II
169	19.341595	79.812796	13.88	IV
170	19.344572	79.818964	8.59	IV
171	19.345225	79.809849	15.82	IV
172	19.327489	79.822364	6.12	IV
173	19.342001	79.806433	18.87	IV
174	19.341115	79.818299	7.79	IV
175	19.335273	79.811822	5.86	IV
176	19.344402	79.813910	11.87	IV
177	19.348689	79.809970	6.46	IV
178	19.346854	79.817090	13.61	IV
179	19.322812	79.817865	10.08	IV
180	19.325220	79.813449	10.75	IV
181	19.321782	79.820714	16.49	IV
182	19.321685	79.825894	23.92	IV
183	19.346704	79.808417	26.08	V
184	19.332145	79.816760	26.08	V
185	19.344661	79.815793	38.19	V
186	19.332148	79.820537	27.96	V

Legend

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

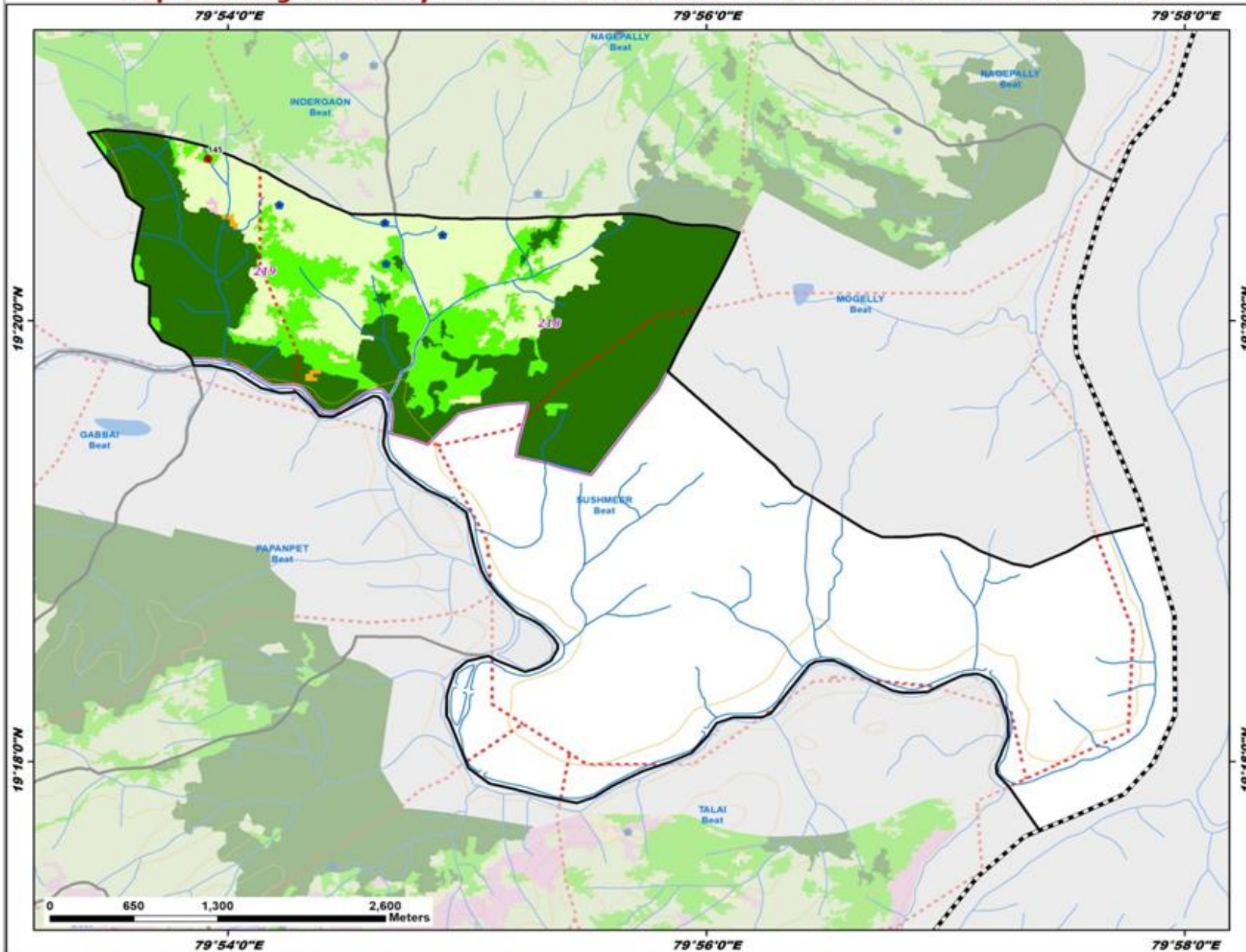
Suitability Index

- 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 Sushmeer Beat



Division : Kaghaznagar
Range : Bejjur



ID	Latitude	Longitude	Catchment Area(Ha)	Priority
145	19.345536	79.898620	7.73	II

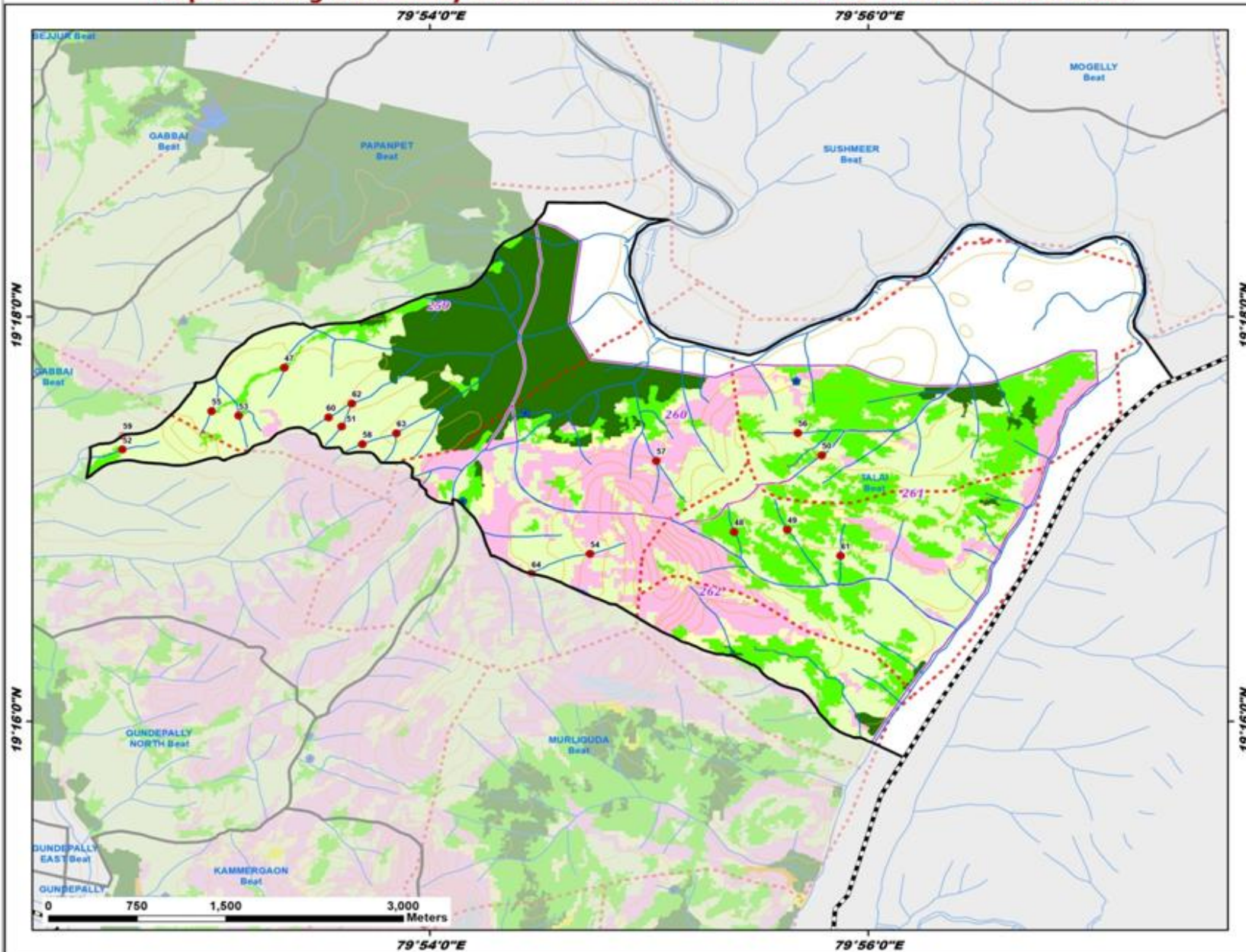
Legend

- 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 Talai Beat



Division : Kaghaznagar
Range : Bejjur



ID	Latitude	Longitude	Catchment Area(Ha)	Priority
47	19.295824	79.888985	7.29	II
48	19.282280	79.923159	10.87	III
49	19.282472	79.927206	27.85	III
50	19.288613	79.929813	7.02	IV
51	19.290985	79.893326	6.35	IV
52	19.289079	79.876677	9.27	IV
53	19.291868	79.885517	11.49	IV
54	19.280478	79.912209	24.27	IV
55	19.292235	79.883439	23.31	IV
56	19.290448	79.928006	8.04	IV
57	19.288142	79.917244	16.20	IV
58	19.289532	79.894903	12.91	IV
59	19.290240	79.876688	9.01	IV
60	19.291734	79.892337	13.60	IV
61	19.280324	79.931243	27.87	V
62	19.292878	79.894117	26.34	V
63	19.290419	79.897510	28.11	V
64	19.278834	79.907744	54.50	V

Legend

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

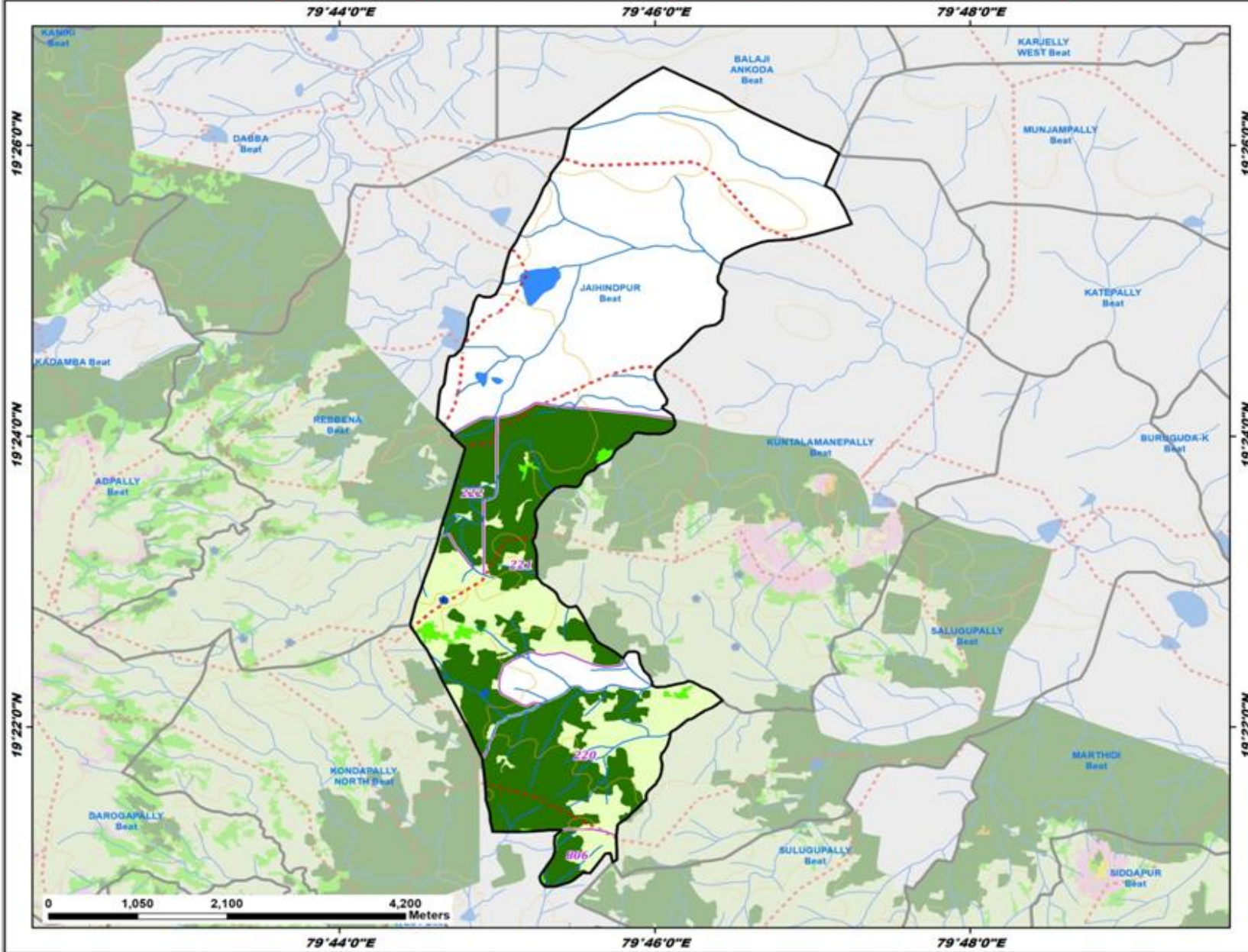
Suitability Index

- 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 Jaihindpur Beat



Division : Kaghaznagar
Range : Bejjur



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 Kaghaznagar Range in Kaghaznagar Division



79°20'0"E
19°40'0"N
19°30'0"N
19°20'0"N
19°10'0"N
79°20'0"E

79°30'0"E
79°30'0"E
79°30'0"E
79°30'0"E
79°30'0"E
79°30'0"E

79°40'0"E
79°40'0"E
79°40'0"E
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79°50'0"E
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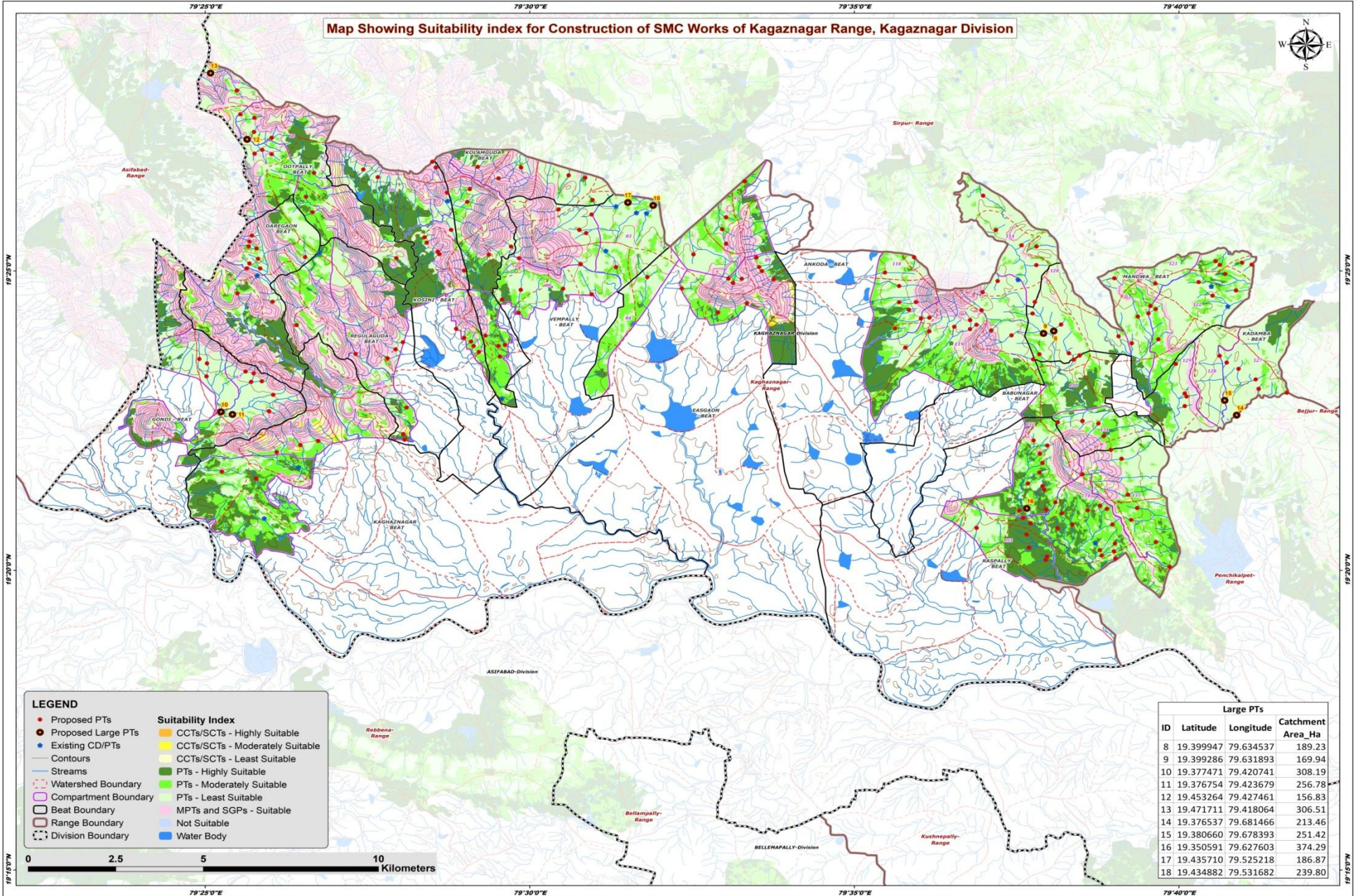
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80°0'0"E
80°0'0"E
80°0'0"E
80°0'0"E
80°0'0"E

19°40'0"N
19°30'0"N
19°20'0"N
19°10'0"N
19°10'0"N

Legend

- Division Boundary
- Range Boundary

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

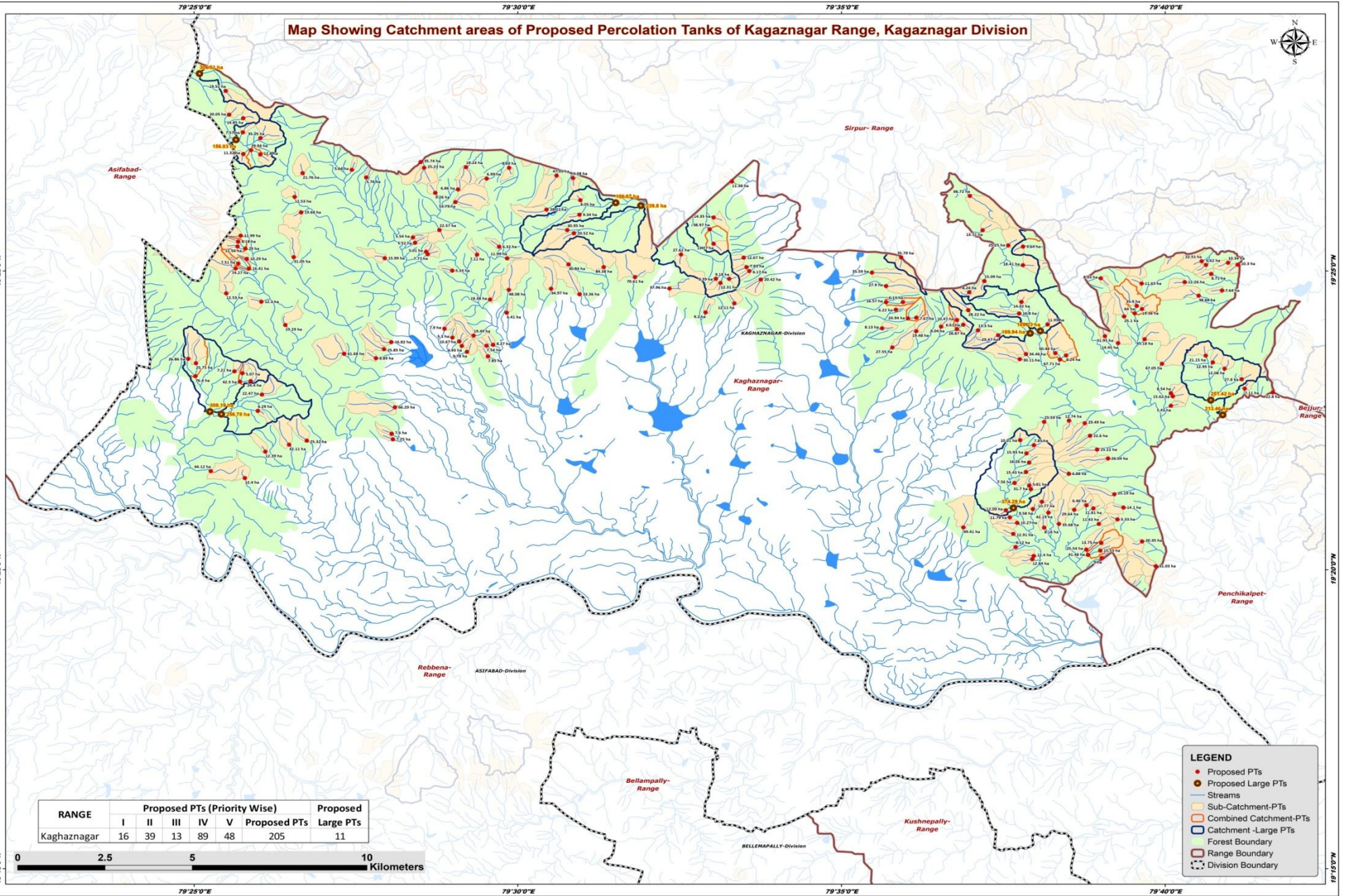


- LEGEND**
- Proposed PTs
 - Proposed Large PTs
 - Existing CD/PTs
 - Contours
 - Streams
 - Watershed Boundary
 - Compartment Boundary
 - Beat Boundary
 - Range Boundary
 - Division Boundary
- Suitability Index**
- CCTs/SCTs - Highly Suitable
 - CCTs/SCTs - Moderately Suitable
 - CCTs/SCTs - Least Suitable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



Large PTs			
ID	Latitude	Longitude	Catchment Area_Ha
8	19.399947	79.634537	189.23
9	19.399286	79.631893	169.94
10	19.377471	79.420741	308.19
11	19.376754	79.423679	256.78
12	19.453264	79.427461	156.83
13	19.471711	79.418064	306.51
14	19.376537	79.681466	213.46
15	19.380660	79.678393	251.42
16	19.350591	79.627603	374.29
17	19.435710	79.525218	186.87
18	19.434882	79.531682	239.80

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



RANGE	Proposed PTs (Priority Wise)					Proposed Large PTs
	I	II	III	IV	V	
Kagaznagar	16	39	13	89	48	205
						11

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



Beat wise Abstract of Proposed PT's – Kaghaznagar Range

S. No.	Beat	Proposed PT's
1	ANKODA	27
2	BABUNAGAR	5
3	DAREGAON	11
4	EASGAON	16
5	GONDI	9
6	KADAMBA	10
7	KAGHAZNAGAR	5
8	KOLAMGUDA	14
9	KOSINI	16
10	MANDWA	22
11	OOTPALLY	12
12	RASPALLY	38
13	REGULAGUDA	8
14	VEMPALLY	12
	Total	205

List of Proposed PTs – Kaghaznagar 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
205	19.400693	79.593780	8.13	II	ANKODA	245	19.418422	79.685325	10.30	IV	MANDWA	285	19.400553	79.481126	7.90	IV	KOSINI
206	19.413855	79.620108	15.09	IV	ANKODA	246	19.411229	79.681300	7.64	IV	MANDWA	286	19.444909	79.457289	5.64	IV	KOSINI
207	19.403449	79.600460	24.94	IV	ANKODA	247	19.413180	79.660593	11.65	IV	MANDWA	287	19.442762	79.461011	5.76	IV	KOSINI
208	19.403671	79.602618	7.67	IV	ANKODA	248	19.404876	79.658828	64.00	V	MANDWA	288	19.421338	79.476830	7.77	IV	KOSINI
209	19.423468	79.630082	9.64	IV	ANKODA	249	19.409773	79.675288	38.68	V	MANDWA	289	19.426028	79.473013	5.54	IV	KOSINI
210	19.401709	79.614691	6.61	IV	ANKODA	250	19.406944	79.659342	35.90	V	MANDWA	290	19.438448	79.478760	9.26	IV	KOSINI
211	19.405877	79.597343	6.22	IV	ANKODA	251	19.397636	79.661368	35.18	V	MANDWA	291	19.424542	79.473554	5.52	IV	KOSINI
212	19.418305	79.630048	18.41	IV	ANKODA	252	19.398485	79.651145	31.95	V	MANDWA	292	19.428109	79.479837	22.57	IV	KOSINI
213	19.410744	79.616226	8.24	IV	ANKODA	253	19.393756	79.638400	50.48	V	MANDWA	293	19.447070	79.475007	35.74	V	KOSINI
214	19.400136	79.618508	13.30	IV	ANKODA	254	19.423509	79.427878	11.56	II	DAREGAON	294	19.445468	79.475896	25.23	V	KOSINI
215	19.407987	79.594812	16.57	IV	ANKODA	255	19.426515	79.428675	11.99	IV	DAREGAON	295	19.443953	79.444636	21.76	II	OOTPALLY
216	19.399877	79.602576	19.48	IV	ANKODA	256	19.410424	79.424970	12.53	IV	DAREGAON	296	19.455349	79.429237	7.57	II	OOTPALLY
217	19.401148	79.608976	8.04	IV	ANKODA	257	19.424877	79.428020	8.18	IV	DAREGAON	297	19.437331	79.442547	12.53	II	OOTPALLY
218	19.428043	79.619664	13.71	IV	ANKODA	258	19.417350	79.430826	16.41	IV	DAREGAON	298	19.453718	79.433767	35.05	III	OOTPALLY
219	19.407990	79.599150	6.13	IV	ANKODA	259	19.420048	79.430225	10.29	IV	DAREGAON	299	19.459262	79.429320	14.85	IV	OOTPALLY
220	19.402979	79.613059	10.47	IV	ANKODA	260	19.418751	79.428067	7.51	IV	DAREGAON	300	19.420231	79.465770	15.99	IV	OOTPALLY
221	19.408033	79.629681	14.02	IV	ANKODA	261	19.408087	79.433981	12.30	IV	DAREGAON	301	19.433031	79.444226	19.68	IV	OOTPALLY
222	19.400477	79.613032	28.87	V	ANKODA	262	19.420538	79.442348	31.05	V	DAREGAON	302	19.460281	79.425711	20.05	IV	OOTPALLY
223	19.412470	79.594820	27.90	V	ANKODA	263	19.417389	79.427393	74.27	V	DAREGAON	303	19.449291	79.429358	11.32	IV	OOTPALLY
224	19.405751	79.615991	28.22	V	ANKODA	264	19.422916	79.429879	29.00	V	DAREGAON	304	19.466898	79.424815	19.51	IV	OOTPALLY
225	19.423796	79.626256	25.25	V	ANKODA	265	19.377662	79.433073	6.29	IV	GONDI	305	19.449161	79.433726	12.80	IV	OOTPALLY
226	19.416218	79.591204	35.59	V	ANKODA	266	19.385981	79.431228	24.40	IV	GONDI	306	19.450375	79.431330	29.94	V	OOTPALLY
227	19.420450	79.598710	35.79	V	ANKODA	267	19.388694	79.427067	7.21	IV	GONDI	307	19.369734	79.467868	7.25	I	REGULAGUDA
228	19.437621	79.616404	66.72	V	ANKODA	268	19.382210	79.434161	22.47	IV	GONDI	308	19.371273	79.467545	7.60	II	REGULAGUDA
229	19.392079	79.629240	30.11	V	ANKODA	269	19.388163	79.429126	5.07	IV	GONDI	309	19.396843	79.467460	16.82	IV	REGULAGUDA
230	19.395342	79.596428	27.55	V	ANKODA	270	19.385817	79.428469	42.50	V	GONDI	310	19.392341	79.463507	8.89	IV	REGULAGUDA
231	19.398753	79.623668	29.47	V	ANKODA	271	19.392179	79.415179	26.86	V	GONDI	311	19.401606	79.440161	19.29	IV	REGULAGUDA
232	19.418988	79.682875	10.34	II	MANDWA	272	19.390963	79.417140	25.75	V	GONDI	312	19.393580	79.455299	61.68	V	REGULAGUDA
233	19.413574	79.671717	11.26	II	MANDWA	273	19.387331	79.417018	76.40	V	GONDI	313	19.378656	79.468381	66.29	V	REGULAGUDA
234	19.418352	79.677175	6.62	II	MANDWA	274	19.358901	79.429753	12.40	I	KAGHAZNAGAR	314	19.394869	79.465565	25.85	V	REGULAGUDA
235	19.419394	79.676069	22.51	II	MANDWA	275	19.366293	79.435005	12.39	II	KAGHAZNAGAR	315	19.370718	79.647351	22.60	II	BABUNAGAR
236	19.406065	79.660700	19.36	II	MANDWA	276	19.369352	79.445683	25.32	III	KAGHAZNAGAR	316	19.374596	79.635531	25.59	III	BABUNAGAR
237	19.415847	79.678527	8.71	II	MANDWA	277	19.360847	79.420979	44.12	III	KAGHAZNAGAR	317	19.374921	79.641914	12.74	IV	BABUNAGAR
238	19.403992	79.656120	25.10	III	MANDWA	278	19.368226	79.441128	32.11	V	KAGHAZNAGAR	318	19.391971	79.639601	67.71	V	BABUNAGAR
239	19.393491	79.630820	34.46	III	MANDWA	279	19.397021	79.484930	10.67	II	KOSINI	319	19.374224	79.645993	29.49	V	BABUNAGAR
240	19.393133	79.641164	8.24	IV	MANDWA	280	19.398106	79.483156	5.30	IV	KOSINI	320	19.383855	79.687129	7.11	II	KADAMBA
241	19.396555	79.654548	14.45	IV	MANDWA	281	19.395765	79.485600	6.93	IV	KOSINI	321	19.391177	79.678908	12.95	IV	KADAMBA
242	19.401759	79.636388	11.95	IV	MANDWA	282	19.394126	79.486913	9.78	IV	KOSINI	322	19.381744	79.668616	15.62	IV	KADAMBA
243	19.414649	79.650098	8.93	IV	MANDWA	283	19.416773	79.483124	5.33	IV	KOSINI	323	19.393047	79.677099	21.15	IV	KADAMBA
244	19.404821	79.629093	16.80	IV	MANDWA	284	19.422063	79.476401	5.01	IV	KOSINI	324	19.382810	79.694368	22.80	IV	KADAMBA

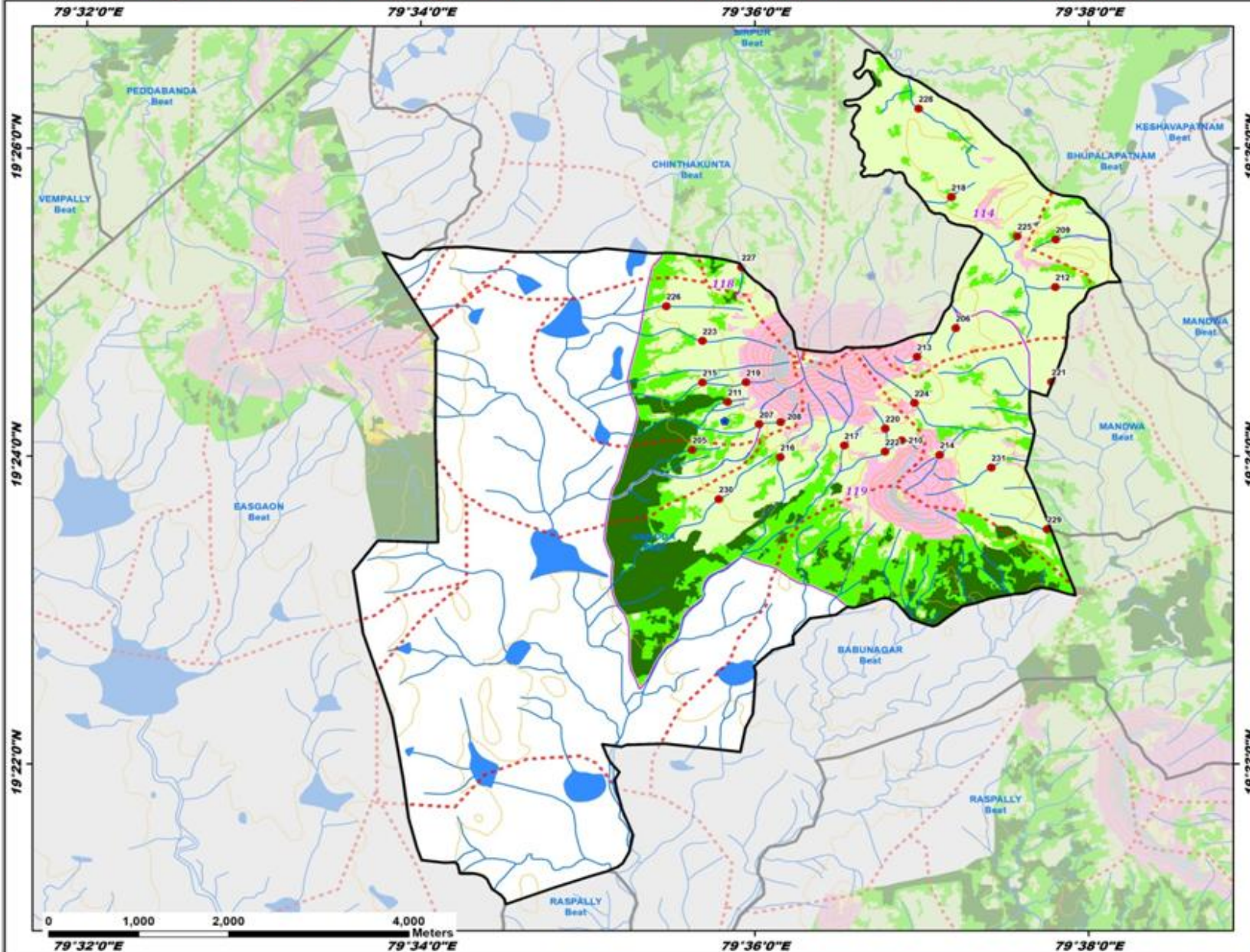
List of Proposed PTs – Kaghaznagar Range

ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat	ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat	ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat
325	19.379059	79.668145	5.43	IV	KADAMBA	365	19.345151	79.614711	49.41	V	RASPALLY	405	19.410188	79.515909	33.36	V	VEMPALLY
326	19.382586	79.668143	8.54	IV	KADAMBA	366	19.364379	79.651951	26.04	V	RASPALLY	406	19.428079	79.512764	30.95	V	VEMPALLY
327	19.389422	79.681949	12.08	IV	KADAMBA	367	19.337487	79.646807	41.48	V	RASPALLY	407	19.418522	79.513070	30.84	V	VEMPALLY
328	19.386481	79.686355	27.80	V	KADAMBA	368	19.441620	79.555132	11.38	I	EASGAON	408	19.417755	79.522141	84.38	V	VEMPALLY
329	19.390782	79.665843	67.05	V	KADAMBA	369	19.431586	79.550422	14.35	II	EASGAON	409	19.433804	79.507421	28.22	V	VEMPALLY
330	19.356857	79.631673	5.81	I	RASPALLY	370	19.405133	79.548349	9.20	II	EASGAON						
331	19.337211	79.632830	12.40	I	RASPALLY	371	19.420387	79.558173	12.67	II	EASGAON						
332	19.345106	79.635519	8.16	I	RASPALLY	372	19.411778	79.539067	37.96	III	EASGAON						
333	19.339681	79.628180	8.12	I	RASPALLY	373	19.417751	79.558906	7.83	IV	EASGAON						
334	19.336299	79.632491	12.84	I	RASPALLY	374	19.414479	79.554438	9.18	IV	EASGAON						
335	19.336649	79.650343	9.00	I	RASPALLY	375	19.414496	79.551008	8.39	IV	EASGAON						
336	19.350273	79.632618	9.58	I	RASPALLY	376	19.416641	79.559612	6.17	IV	EASGAON						
337	19.347984	79.626683	11.79	I	RASPALLY	377	19.414294	79.562599	20.42	IV	EASGAON						
338	19.346430	79.628559	10.27	I	RASPALLY	378	19.424274	79.550408	13.77	IV	EASGAON						
339	19.349960	79.625666	12.09	I	RASPALLY	379	19.413348	79.552208	12.31	IV	EASGAON						
340	19.343361	79.627556	12.91	I	RASPALLY	380	19.407661	79.555770	12.11	IV	EASGAON						
341	19.351347	79.646401	6.46	II	RASPALLY	381	19.428310	79.549419	38.97	V	EASGAON						
342	19.350461	79.648166	11.81	II	RASPALLY	382	19.421282	79.542032	27.62	V	EASGAON						
343	19.334353	79.664269	31.03	II	RASPALLY	383	19.414956	79.530188	70.61	V	EASGAON						
344	19.340832	79.650210	13.75	II	RASPALLY	384	19.436432	79.516123	8.05	I	KOLAMGUDA						
345	19.347403	79.654405	5.33	II	RASPALLY	385	19.445442	79.497767	8.69	II	KOLAMGUDA						
346	19.360114	79.641864	6.88	II	RASPALLY	386	19.421201	79.489506	7.11	II	KOLAMGUDA						
347	19.338700	79.649947	15.53	II	RASPALLY	387	19.392850	79.492334	7.85	II	KOLAMGUDA						
348	19.363206	79.631632	16.26	II	RASPALLY	388	19.395835	79.491976	7.54	II	KOLAMGUDA						
349	19.346140	79.639321	35.68	II	RASPALLY	389	19.396103	79.493671	8.27	II	KOLAMGUDA						
350	19.365821	79.630952	15.93	II	RASPALLY	390	19.442601	79.514238	9.08	IV	KOLAMGUDA						
351	19.341229	79.660746	20.35	II	RASPALLY	391	19.423433	79.495214	6.32	IV	KOLAMGUDA						
352	19.360606	79.630842	15.43	II	RASPALLY	392	19.445655	79.486681	19.23	IV	KOLAMGUDA						
353	19.352327	79.634935	10.77	II	RASPALLY	393	19.435891	79.483935	53.79	IV	KOLAMGUDA						
354	19.369485	79.629358	10.01	II	RASPALLY	394	19.439422	79.484612	6.86	IV	KOLAMGUDA						
355	19.338987	79.646353	25.54	III	RASPALLY	395	19.398665	79.488625	19.49	IV	KOLAMGUDA						
356	19.354411	79.653574	25.19	III	RASPALLY	396	19.442444	79.492018	6.99	IV	KOLAMGUDA						
357	19.366867	79.649147	25.22	III	RASPALLY	397	19.443266	79.510001	47.95	V	KOLAMGUDA						
358	19.350092	79.643251	29.64	III	RASPALLY	398	19.408701	79.492892	19.38	I	VEMPALLY						
359	19.355813	79.632085	31.70	III	RASPALLY	399	19.405019	79.497164	6.41	II	VEMPALLY						
360	19.349261	79.636619	42.19	III	RASPALLY	400	19.432372	79.515893	9.34	IV	VEMPALLY						
361	19.346131	79.649598	11.43	IV	RASPALLY	401	19.420213	79.497235	11.99	IV	VEMPALLY						
362	19.357542	79.627886	7.56	IV	RASPALLY	402	19.427182	79.514474	20.52	IV	VEMPALLY						
363	19.368102	79.632869	7.85	IV	RASPALLY	403	19.411398	79.497705	48.08	V	VEMPALLY						
364	19.350697	79.655943	14.10	IV	RASPALLY	404	19.411724	79.508584	34.97	V	VEMPALLY						

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



Division : Kaghaznagar
Range : Kaghaznagar



ID	Latitude	Longitude	Catchment Area(Ha)	Priority
205	19.400693	79.593780	8.13	II
206	19.413855	79.620108	15.09	IV
207	19.403449	79.600460	24.94	IV
208	19.403671	79.602618	7.67	IV
209	19.423468	79.630082	9.64	IV
210	19.401709	79.614691	6.61	IV
211	19.405877	79.597343	6.22	IV
212	19.418305	79.630048	18.41	IV
213	19.410744	79.616226	8.24	IV
214	19.400136	79.618508	13.30	IV
215	19.407987	79.594812	16.57	IV
216	19.399877	79.602576	19.48	IV
217	19.401148	79.608976	8.04	IV
218	19.428043	79.619664	13.71	IV
219	19.407990	79.599150	6.13	IV
220	19.402979	79.613059	10.47	IV
221	19.408033	79.629681	14.02	IV
222	19.400477	79.613032	28.87	V
223	19.412470	79.594820	27.90	V
224	19.405751	79.615991	28.22	V
225	19.423796	79.626256	25.25	V
226	19.416218	79.591204	35.59	V
227	19.420450	79.598710	35.79	V
228	19.437621	79.616404	66.72	V
229	19.392079	79.629240	30.11	V
230	19.395342	79.596428	27.55	V
231	19.398753	79.623668	29.47	V

Legend

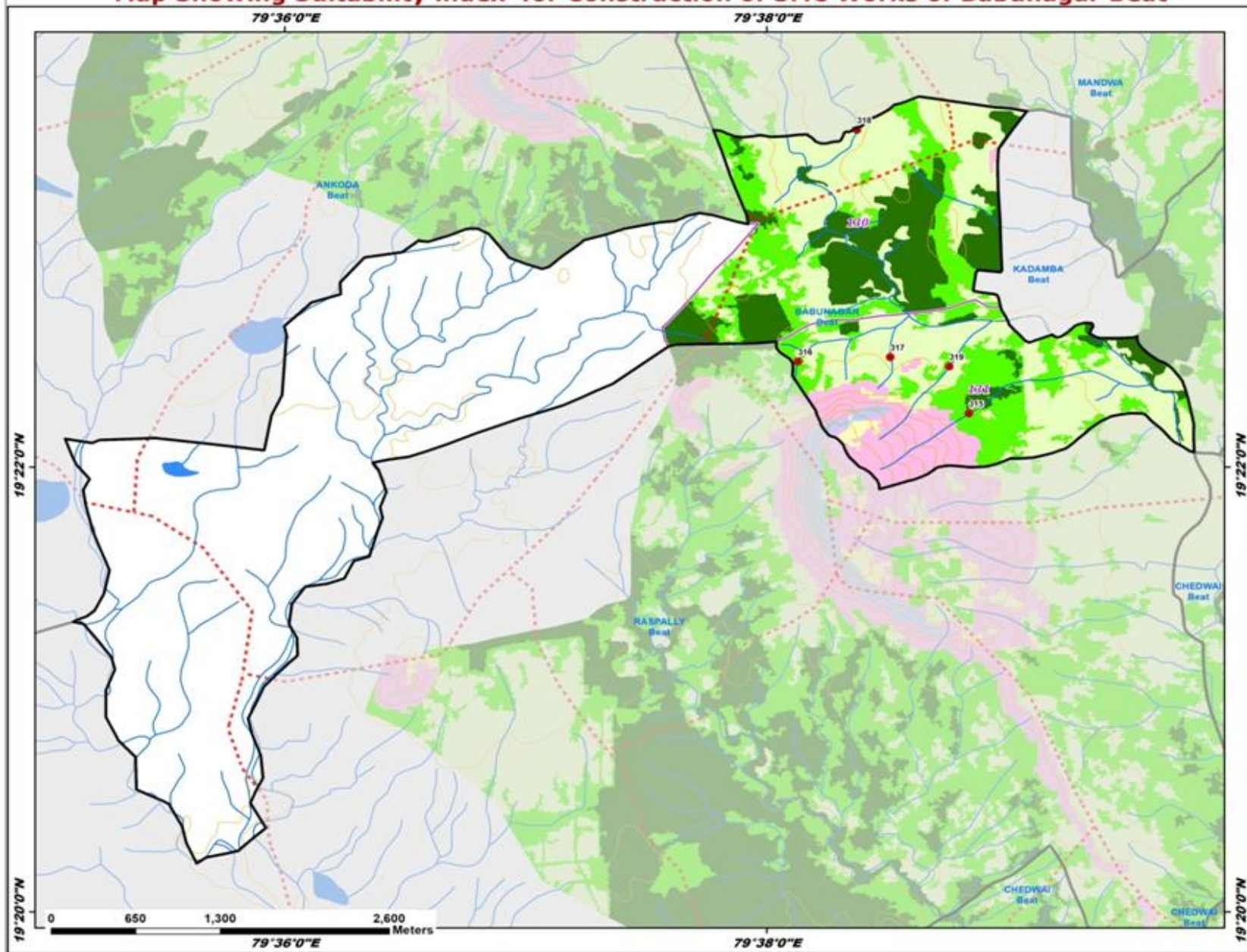
- Proposed PTs
 - Existing CD/PTs
 - Contours
 - Streams
 - Watershed Boundary
 - ▭ Compartment Boundary
 - ▭ Beat Boundary
 - ▭ Division Boundary
- ### Suitability Index
- CCTs/SCTs - Highly Suitable
 - CCTs/SCTs - Moderately Suitable
 - CCTs/SCTs - Least Suitable
 - PTs - Highly Suitable
 - PTs - Moderately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

0 1,000 2,000 4,000 Meters

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



Division : Kaghaznagar
Range : Kaghaznagar



ID	Latitude	Longitude	Catchment Area(Ha)	Priority
315	19.370718	79.647351	22.60	II
316	19.374596	79.635531	25.59	III
317	19.374921	79.641914	12.74	IV
318	19.391971	79.639601	67.71	V
319	19.374224	79.645993	29.49	V

Legend

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

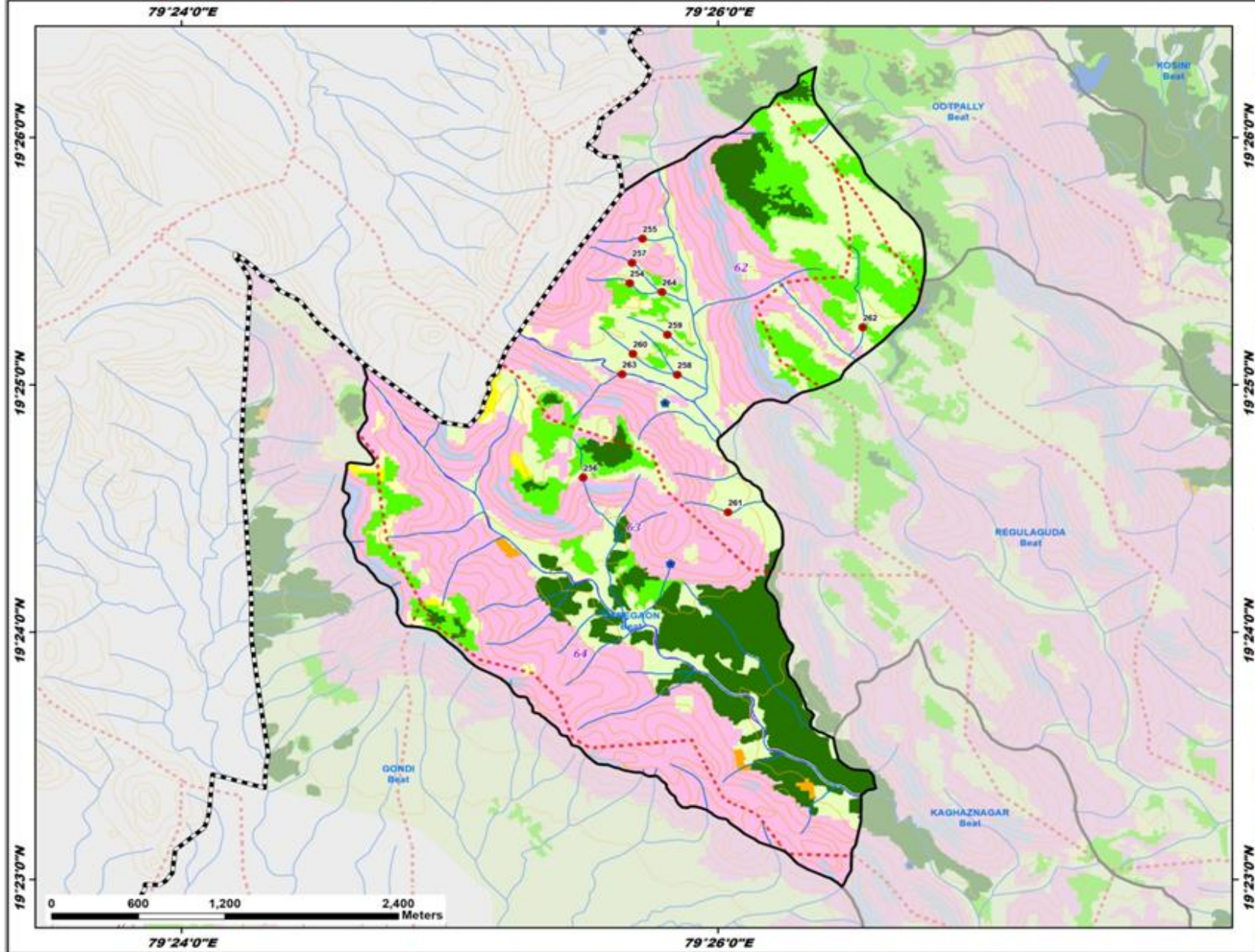
Suitability Index

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

Map Showing Suitability index for Construction of SMC Works of DAREGAON BEAT



Division : Kaghaznagar
Range : Kaghaznagar



ID	Latitude	Longitude	Catchment Area(Ha)	Priority
254	19.423509	79.427878	11.56	II
255	19.426515	79.428675	11.99	IV
256	19.410424	79.424970	12.53	IV
257	19.424877	79.428020	8.18	IV
258	19.417350	79.430826	16.41	IV
259	19.420048	79.430225	10.29	IV
260	19.418751	79.428067	7.51	IV
261	19.408087	79.433981	12.30	IV
262	19.420538	79.442348	31.05	V
263	19.417389	79.427393	74.27	V
264	19.422916	79.429879	29.00	V

Legend

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

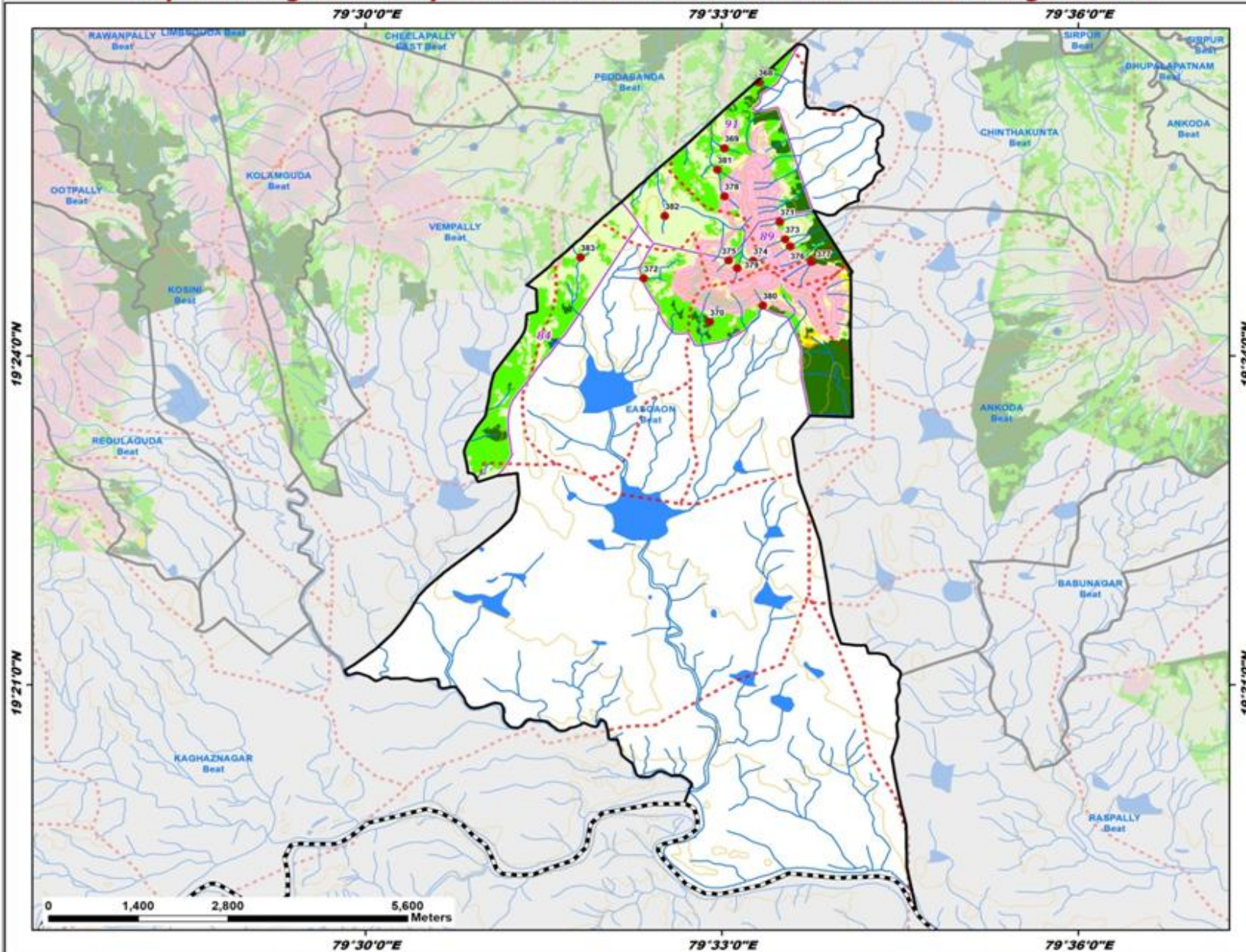
Suitability Index

- 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 Easgaon Beat



Division : Kaghaznagar
Range : Kaghaznagar



ID	Latitude	Longitude	Catchment Area(Ha)	Priority
368	19.441620	79.555132	11.38	I
369	19.431586	79.550422	14.35	II
370	19.405133	79.548349	9.20	II
371	19.420387	79.558173	12.67	II
372	19.411778	79.539067	37.96	III
373	19.417751	79.558906	7.83	IV
374	19.414479	79.554438	9.18	IV
375	19.414496	79.551008	8.39	IV
376	19.416641	79.559612	6.17	IV
377	19.414294	79.562599	20.42	IV
378	19.424274	79.550408	13.77	IV
379	19.413348	79.552208	12.31	IV
380	19.407661	79.555770	12.11	IV
381	19.428310	79.549419	38.97	V
382	19.421282	79.542032	27.62	V
383	19.414956	79.530188	70.61	V

Legend

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

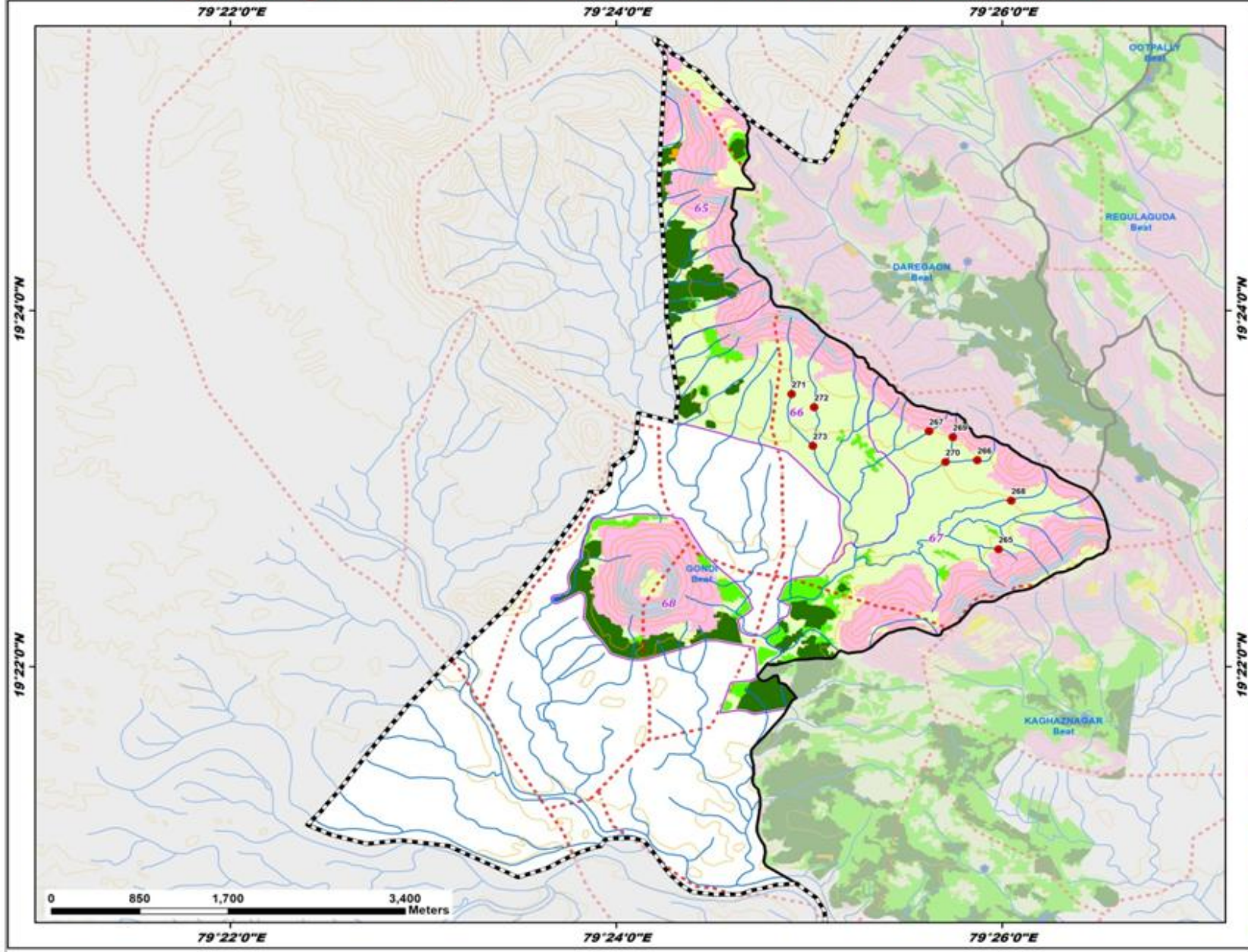
Suitability Index

- 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 Gondi Beat



Division : Kaghaznagar
Range : Kaghaznagar



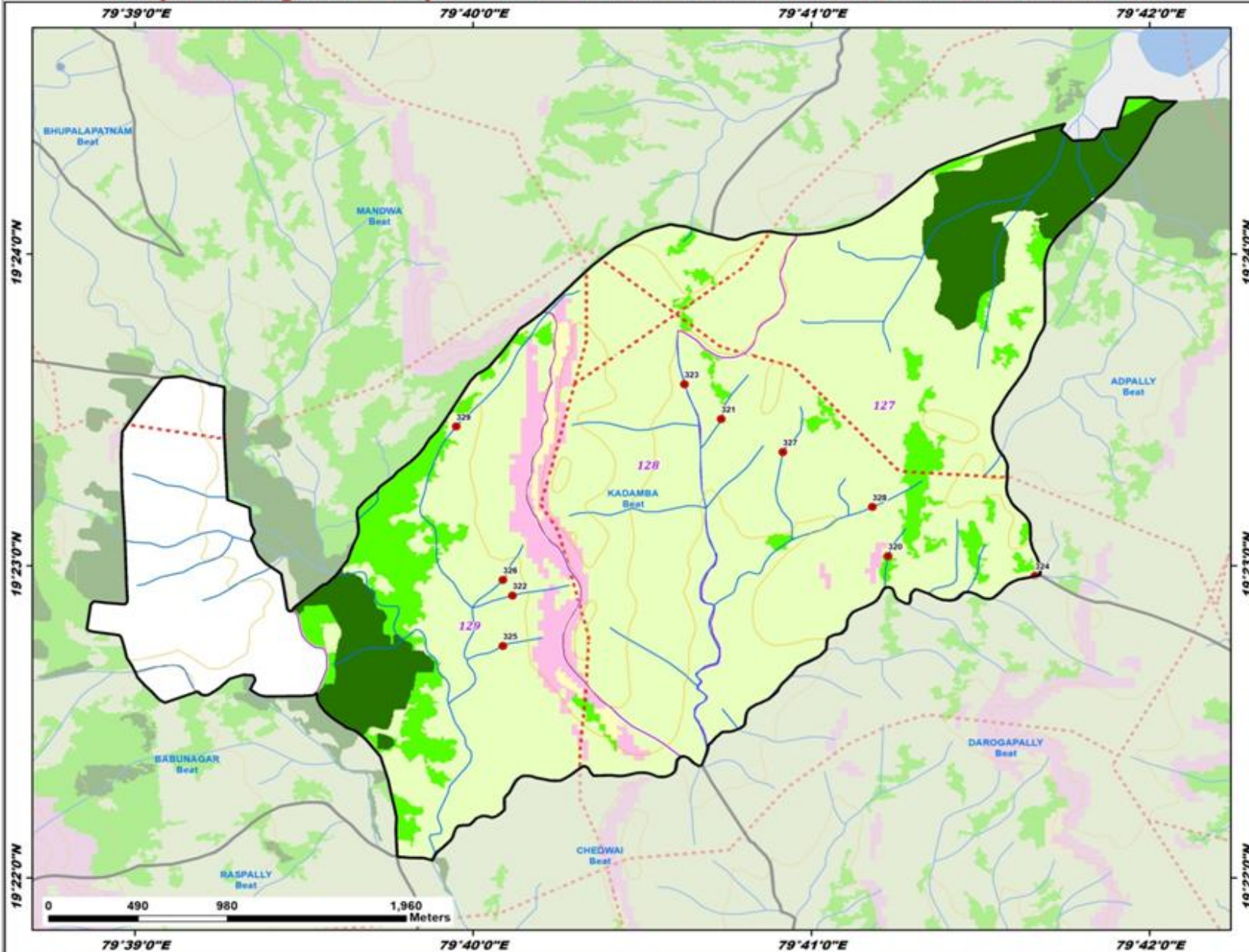
ID	Latitude	Longitude	Catchment Area(Ha)	Priority
265	19.377662	79.433073	6.29	IV
266	19.385981	79.431228	24.40	IV
267	19.388694	79.427067	7.21	IV
268	19.382210	79.434161	22.47	IV
269	19.388163	79.429126	5.07	IV
270	19.385817	79.428469	42.50	V
271	19.392179	79.415179	26.86	V
272	19.390963	79.417140	25.75	V
273	19.387331	79.417018	76.40	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 Kadamba Beat



Division : Kaghaznagar
Range : Kaghaznagar



ID	Latitude	Longitude	Catchment Area(Ha)	Priority
320	19.383855	79.687129	7.11	II
321	19.391177	79.678908	12.95	IV
322	19.381744	79.668616	15.62	IV
323	19.393047	79.677099	21.15	IV
324	19.382810	79.694368	22.80	IV
325	19.379059	79.668145	5.43	IV
326	19.382586	79.668143	8.54	IV
327	19.389422	79.681949	12.08	IV
328	19.386481	79.686355	27.80	V
329	19.390782	79.665843	67.05	V

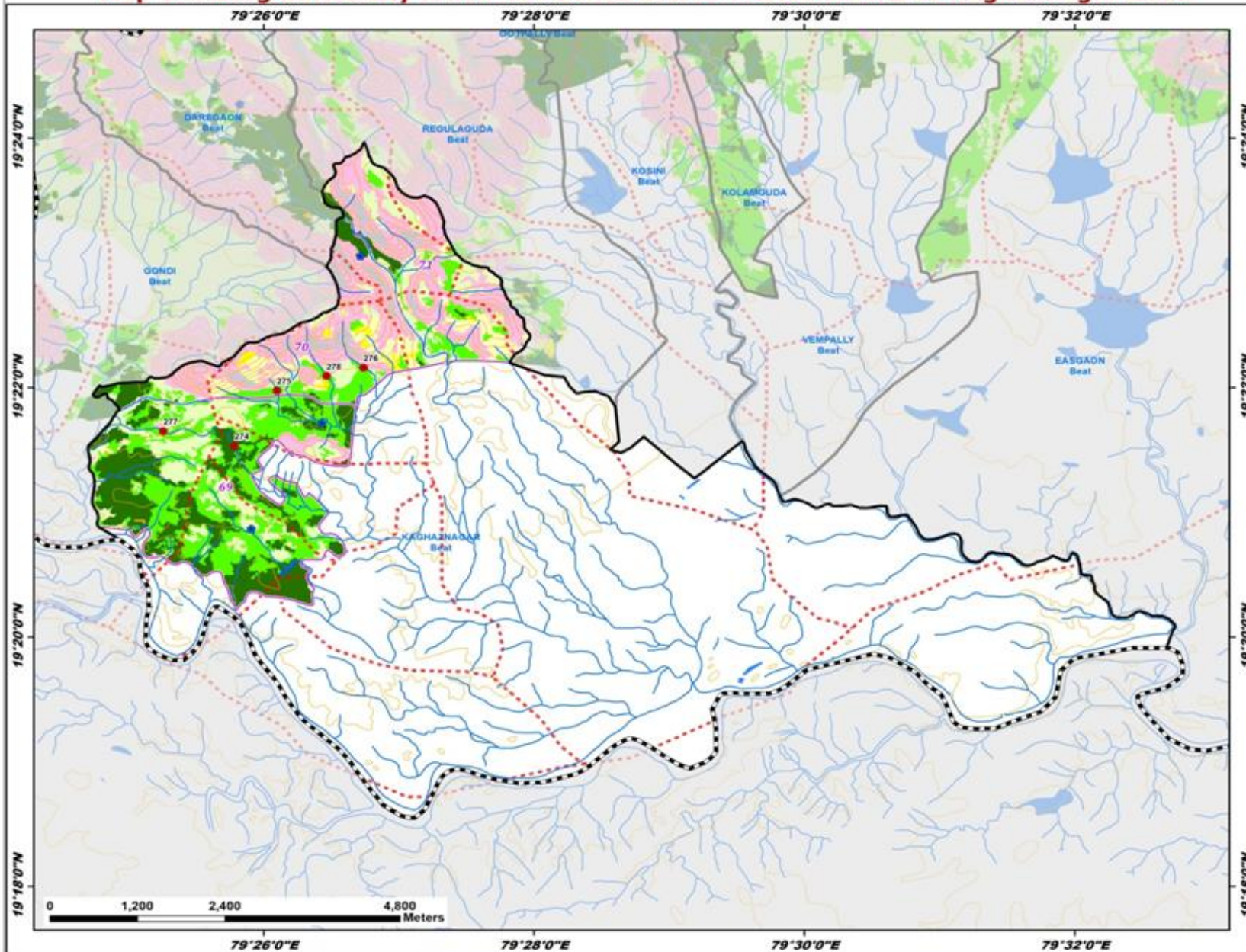
Legend

- 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 Kaghaznagar Beat



Division : Kaghaznagar
Range : Kaghaznagar



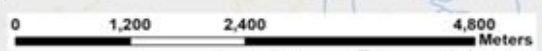
ID	Latitude	Longitude	Catchment Area(Ha)	Priority
274	19.358901	79.429753	12.40	I
275	19.366293	79.435005	12.39	II
276	19.369352	79.445683	25.32	III
277	19.360847	79.420979	44.12	III
278	19.368226	79.441128	32.11	V

Legend

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

Suitability Index

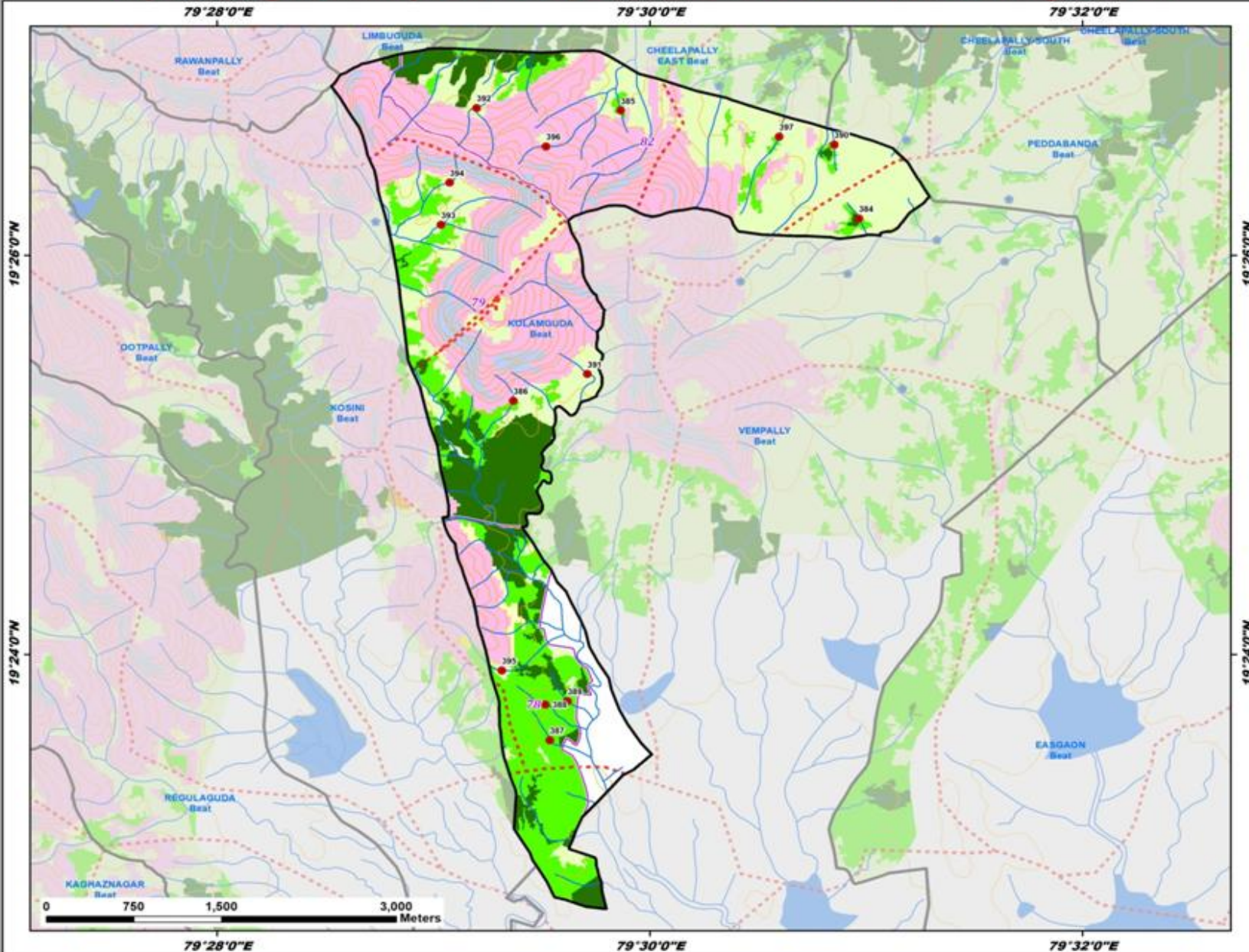
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPt - Suitable
- Not Suitable
- Water Body



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



Division : Kaghaznagar
Range : Kaghaznagar



ID	Latitude	Longitude	Catchment Area(Ha)	Priority
384	19.436432	79.516123	8.05	I
385	19.445442	79.497767	8.69	II
386	19.421201	79.489506	7.11	II
387	19.392850	79.492334	7.85	II
388	19.395835	79.491976	7.54	II
389	19.396103	79.493671	8.27	II
390	19.442601	79.514238	9.08	IV
391	19.423433	79.495214	6.32	IV
392	19.445655	79.486681	19.23	IV
393	19.435891	79.483935	53.79	IV
394	19.439422	79.484612	6.86	IV
395	19.398665	79.488625	19.49	IV
396	19.442444	79.492018	6.99	IV
397	19.443266	79.510001	47.95	V

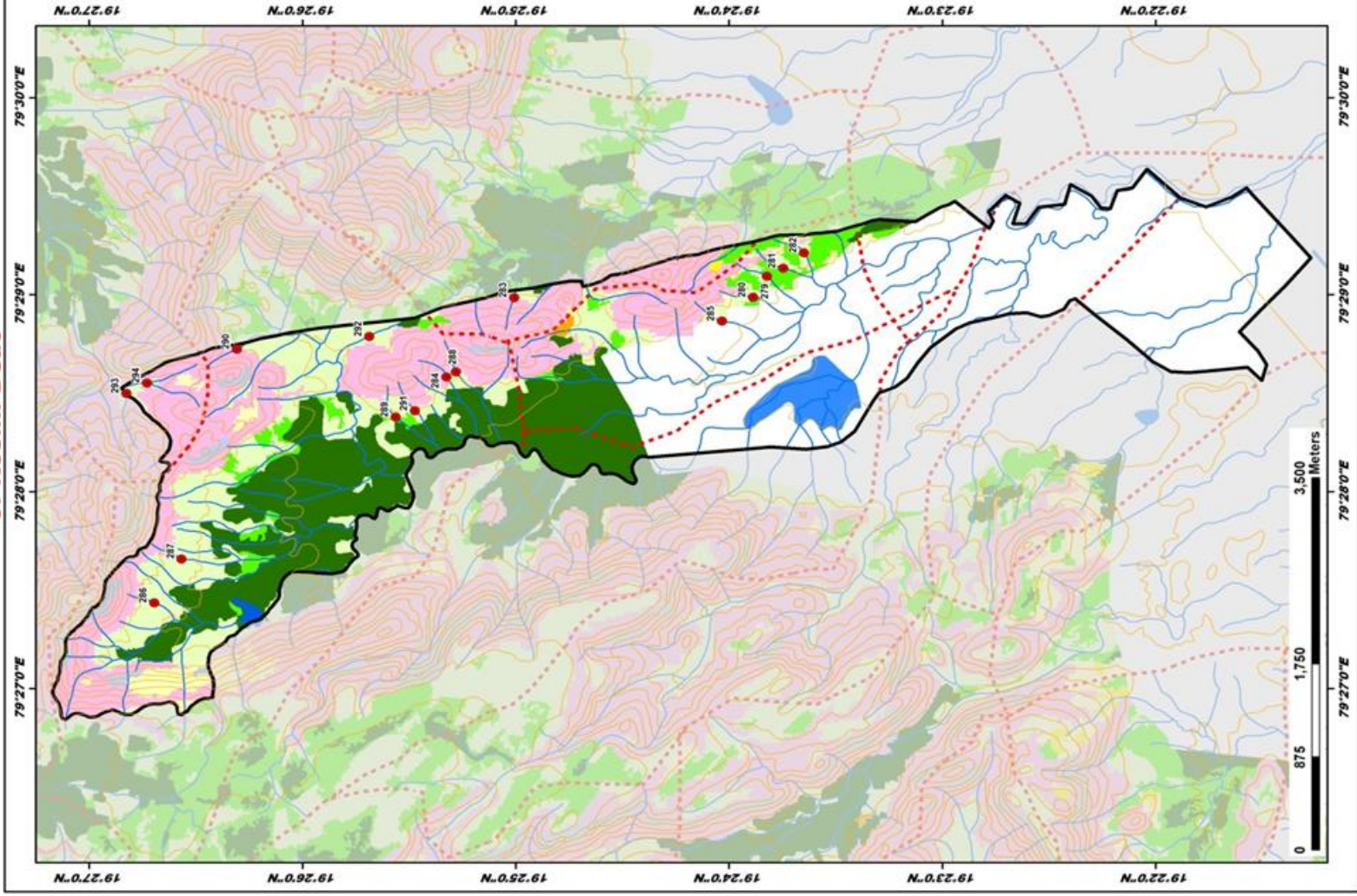
Legend

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

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



Division : Kaghaznagar
Range : Kaghaznagar



ID	Latitude	Longitude	Catchment Areal (Ha)	Priority
279	19.297021	79.484930	10.67	II
280	19.398106	79.483156	5.30	IV
281	19.395765	79.485600	6.93	IV
282	19.394126	79.486913	9.78	IV
283	19.416773	79.483124	5.33	IV
284	19.422063	79.476401	5.01	IV
285	19.400553	79.481126	7.90	IV
286	19.444909	79.457289	5.64	IV
287	19.442762	79.461011	5.76	IV
288	19.421338	79.476830	7.77	IV
289	19.426028	79.473013	5.54	IV
290	19.438448	79.479760	9.26	IV
291	19.424542	79.473554	5.52	IV
292	19.428109	79.479837	22.57	IV
293	19.447070	79.475007	35.74	V
294	19.445468	79.475896	25.23	V

LEGEND

- Proposed PTIs (Red dot)
- Existing CD/PTIs (Blue dot)
- Contours (Orange line)
- Streams (Blue line)
- Watershed Boundary (Dotted red line)
- Compartment Boundary (Dashed black line)
- Beat Boundary (Solid black line)
- Division Boundary (Dotted black line)

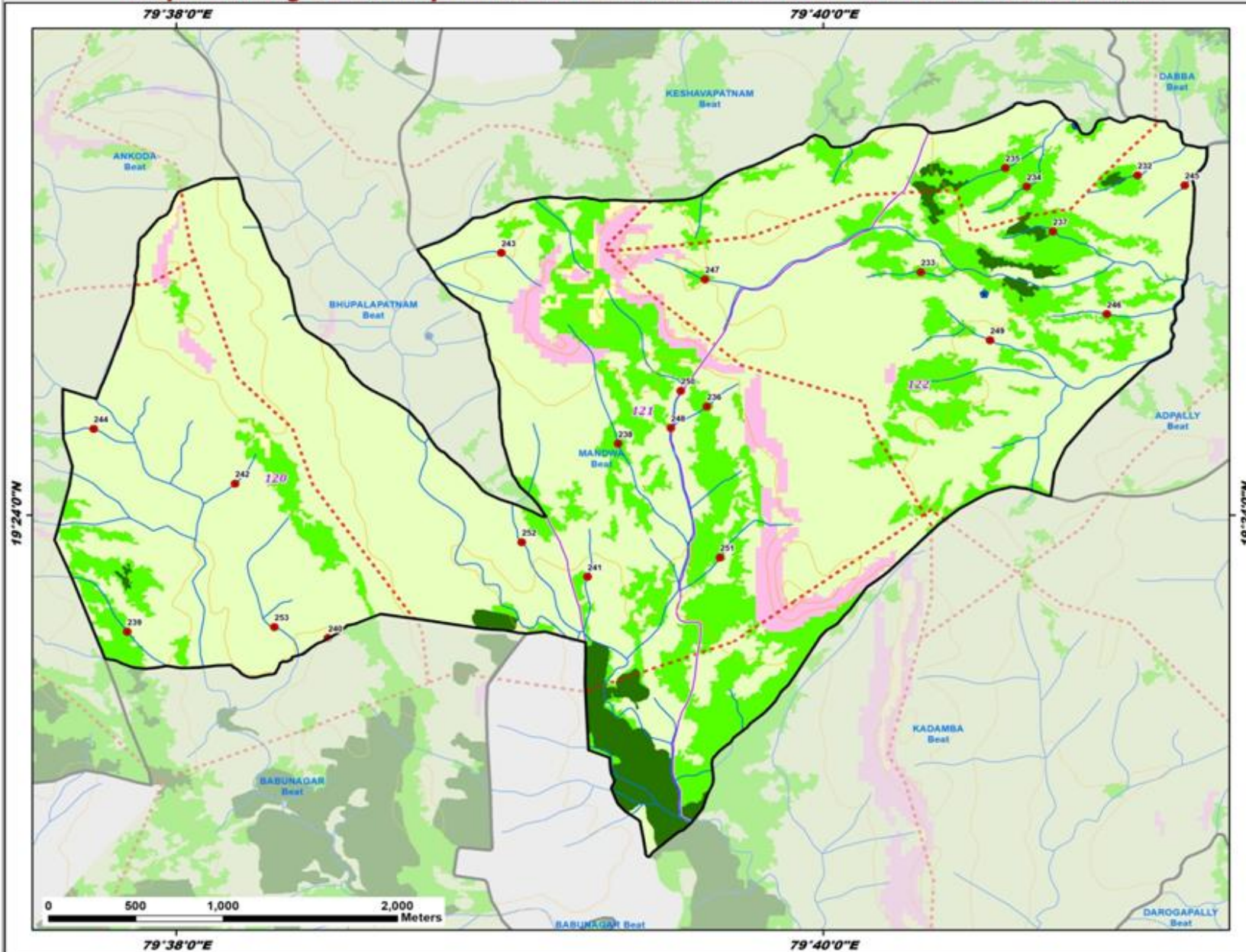
Suitability Index

- CCTs/SCTIs - Highly Suitable (Dark Green)
- CCTs/SCTIs - Moderately Suitable (Light Green)
- CCTs/SCTIs - Least Suitable (Yellow)
- PTIs - Highly Suitable (Dark Green)
- PTIs - Moderately Suitable (Light Green)
- PTIs - Least Suitable (Yellow)
- MPTs and SGPts - Suitable (Pink)
- Not Suitable (Blue)
- Water Body (Dark Blue)

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



Division : Kaghaznagar
Range : Kaghaznagar



ID	Latitude	Longitude	Catchment Area(Ha)	Priority
232	19.418988	79.682875	10.34	II
233	19.413574	79.671717	11.26	II
234	19.418352	79.677175	6.62	II
235	19.419394	79.676069	22.51	II
236	19.406065	79.660700	19.36	II
237	19.415847	79.678527	8.71	II
238	19.403992	79.656120	25.10	III
239	19.393491	79.630820	34.46	III
240	19.393133	79.641164	8.24	IV
241	19.396555	79.654548	14.45	IV
242	19.401759	79.636388	11.95	IV
243	19.414649	79.650098	8.93	IV
244	19.404821	79.629093	16.80	IV
245	19.418422	79.685325	10.30	IV
246	19.411229	79.681300	7.64	IV
247	19.413180	79.660593	11.65	IV
248	19.404876	79.658828	64.00	V
249	19.409773	79.675288	38.68	V
250	19.406944	79.659342	35.90	V
251	19.397636	79.661368	35.18	V
252	19.398485	79.651145	31.95	V
253	19.393756	79.638400	50.48	V

Legend

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

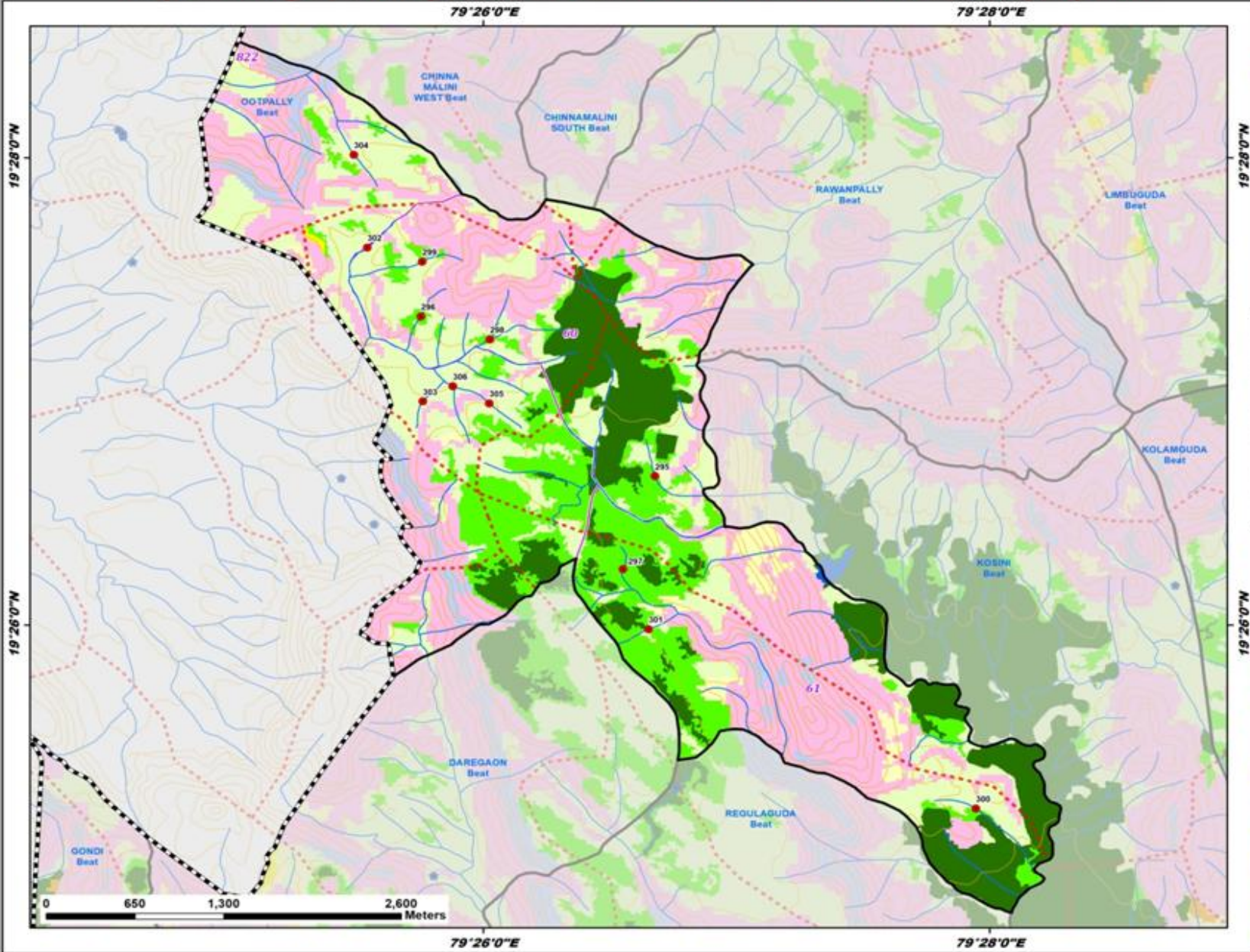
Suitability Index

- 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 Ootpally Beat



Division : Kaghaznagar
Range : Kaghaznagar



ID	Latitude	Longitude	Catchment Area(Ha)	Priority
295	19.443953	79.444636	21.76	II
296	19.455349	79.429237	7.57	II
297	19.437331	79.442547	12.53	II
298	19.453718	79.433767	35.05	III
299	19.459262	79.429320	14.85	IV
300	19.420231	79.465770	15.99	IV
301	19.433031	79.444226	19.68	IV
302	19.460281	79.425711	20.05	IV
303	19.449291	79.429358	11.32	IV
304	19.466898	79.424815	19.51	IV
305	19.449161	79.433726	12.80	IV
306	19.450375	79.431330	29.94	V

Legend

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

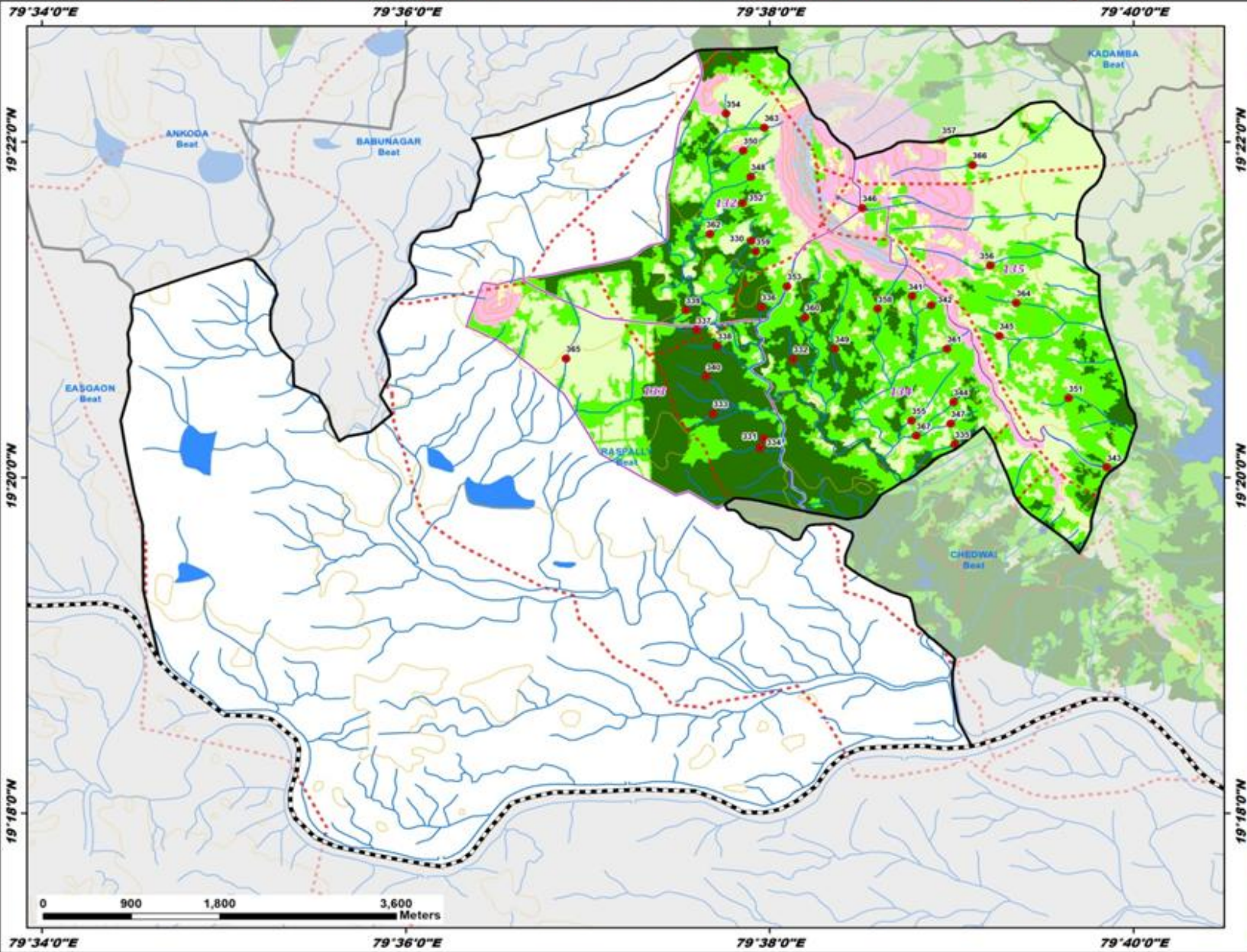
Suitability Index

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

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



Division : Kaghaznagar
Range : Kaghaznagar



ID	Latitude	Longitude	Catchment Area(Ha)	Priority
330	19.336857	79.431673	5.81	I
331	19.337211	79.432930	12.40	I
332	19.345106	79.435519	8.16	I
333	19.339681	79.432180	8.12	I
334	19.336799	79.432901	12.84	I
335	19.336649	79.430343	9.00	I
336	19.350273	79.432618	9.58	I
337	19.347984	79.426681	11.79	I
338	19.346430	79.428559	10.27	I
339	19.349960	79.425666	12.09	I
340	19.343361	79.427506	12.91	I
341	19.351147	79.446401	6.46	II
342	19.350463	79.448166	11.81	II
343	19.334253	79.464269	31.08	II
344	19.348032	79.450210	13.75	II
345	19.347403	79.454405	5.33	II
346	19.360114	79.441864	6.88	II
347	19.338700	79.449947	15.53	II
348	19.363206	79.431632	16.26	II
349	19.346140	79.439321	35.68	II
350	19.365821	79.430952	15.93	II
351	19.341229	79.440746	20.35	II
352	19.360906	79.430842	13.43	II
353	19.352327	79.434935	10.77	II
354	19.369485	79.429358	10.01	II
355	19.338987	79.446353	25.54	II
356	19.334411	79.453574	25.19	II
357	19.360867	79.449147	25.22	II
358	19.350092	79.443251	29.64	II
359	19.355813	79.432085	16.70	II
360	19.349281	79.436619	42.19	II
361	19.346131	79.449708	11.43	IV
362	19.357542	79.427886	7.56	IV
363	19.368102	79.432869	7.85	IV
364	19.350087	79.455943	14.30	IV
365	19.345151	79.414711	49.41	V
366	19.364179	79.451593	26.04	V
367	19.337487	79.446807	41.48	V

Legend

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

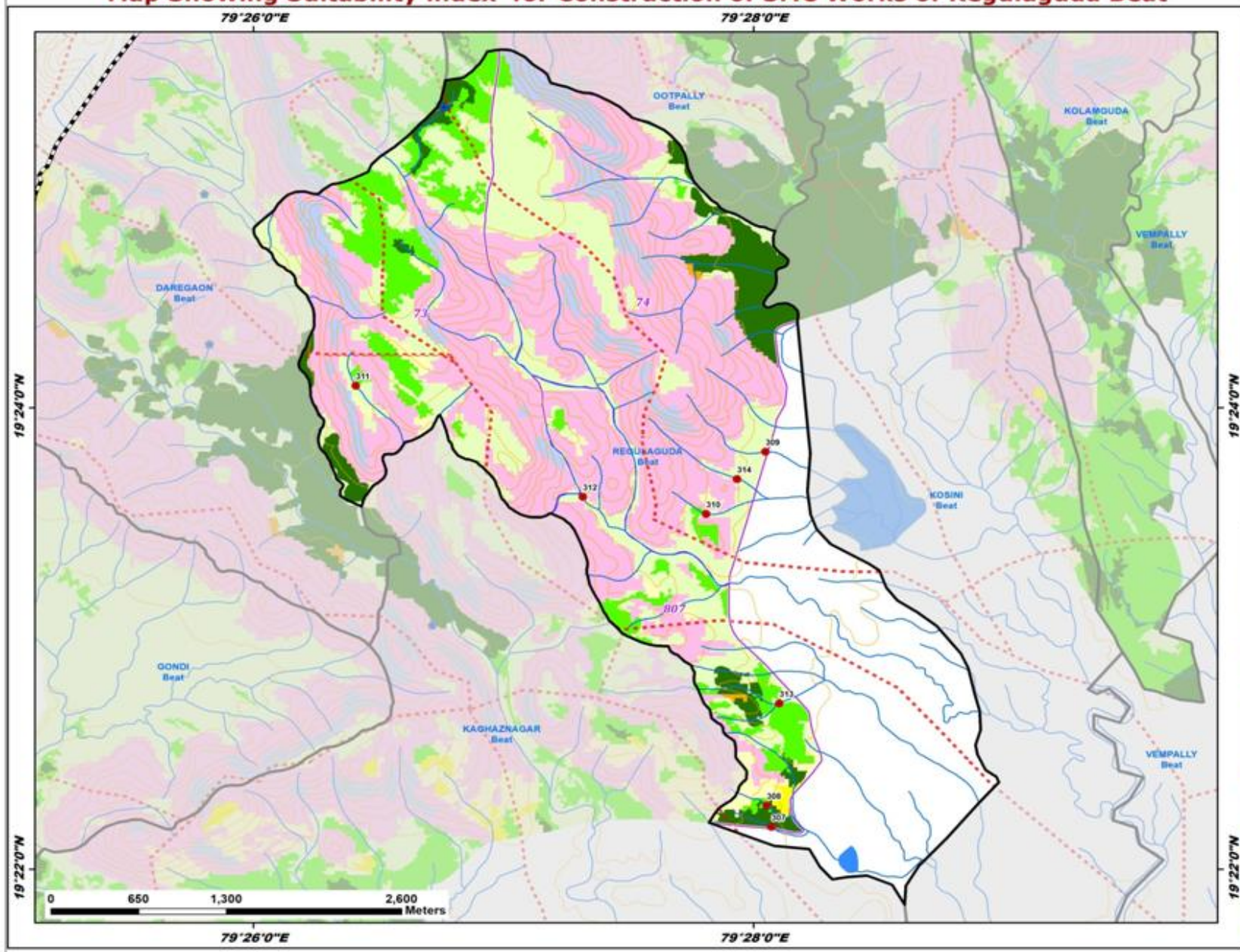
Suitability Index

- 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 Regulaguda Beat



Division : Kaghaznagar
Range : Kaghaznagar



ID	Latitude	Longitude	Catchment Area(Ha)	Priority
307	19.369734	79.467868	7.25	I
308	19.371273	79.467545	7.60	II
309	19.396843	79.467460	16.82	IV
310	19.392341	79.463507	8.89	IV
311	19.401606	79.440161	19.29	IV
312	19.393580	79.455299	61.68	V
313	19.378656	79.468381	66.29	V
314	19.394869	79.465565	25.85	V

Legend

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

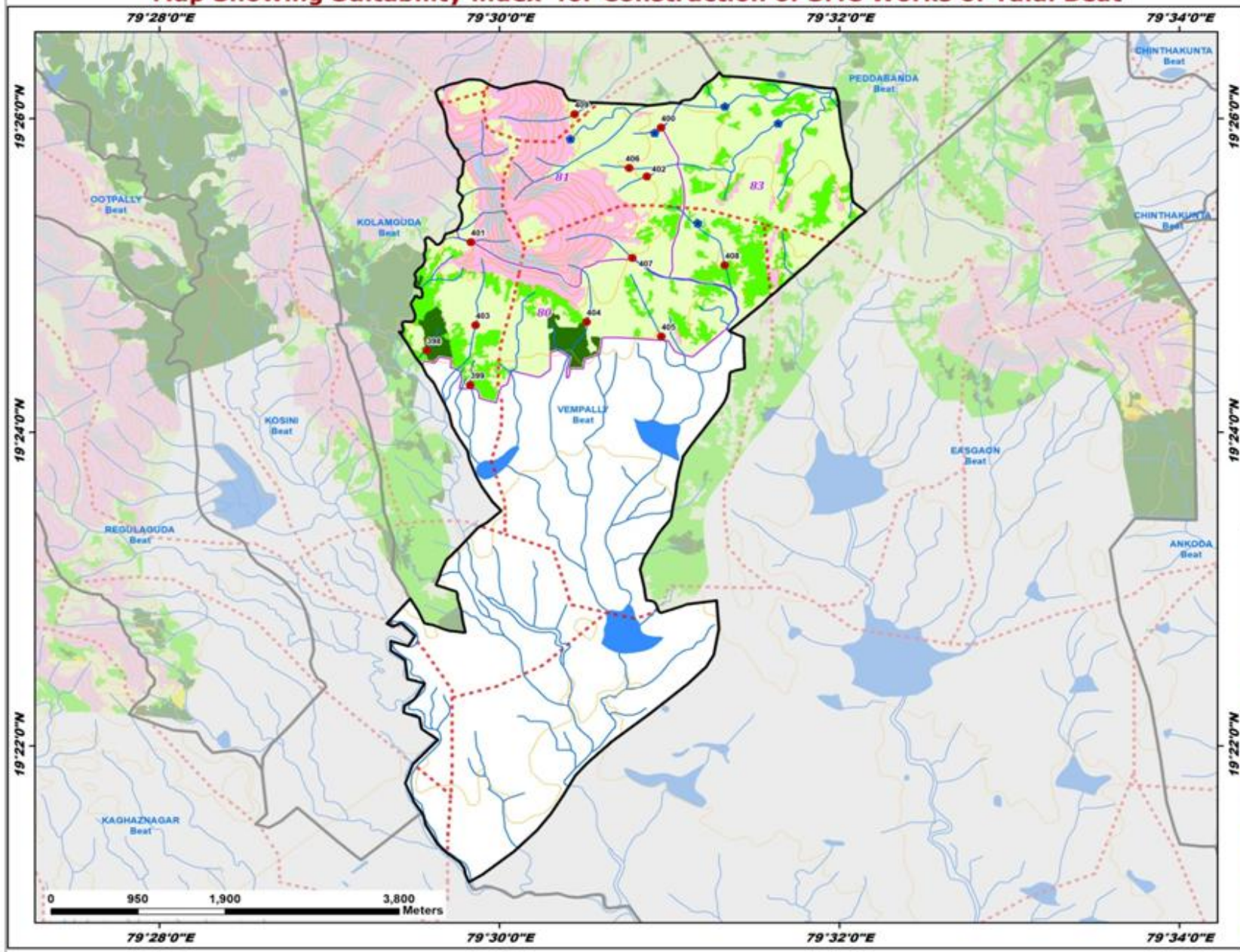
Suitability Index

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

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



Division : Kaghaznagar
Range : Kaghaznagar



ID	Latitude	Longitude	Catchment Area(Ha)	Priority
398	19.408701	79.492892	19.38	I
399	19.405019	79.497164	6.41	II
400	19.432372	79.515893	9.34	IV
401	19.420213	79.497235	11.99	IV
402	19.427182	79.514474	20.52	IV
403	19.411398	79.497705	48.08	V
404	19.411724	79.508584	34.97	V
405	19.410188	79.515909	33.36	V
406	19.428079	79.512764	30.95	V
407	19.418522	79.513070	30.84	V
408	19.417755	79.522141	84.38	V
409	19.433804	79.507421	28.22	V

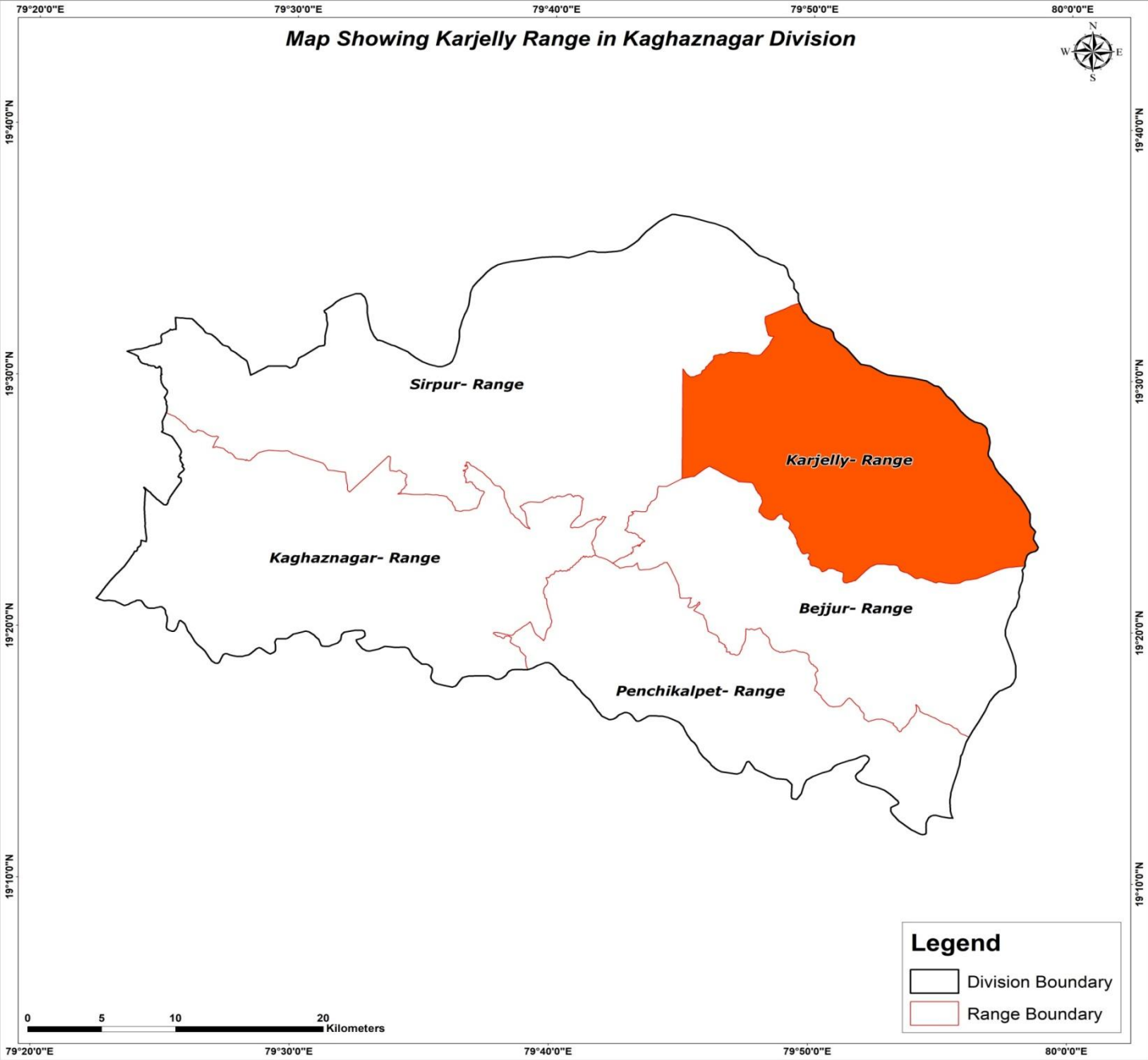
Legend

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

Suitability Index

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

Map Showing Karjelly Range in Kaghaznagar Division



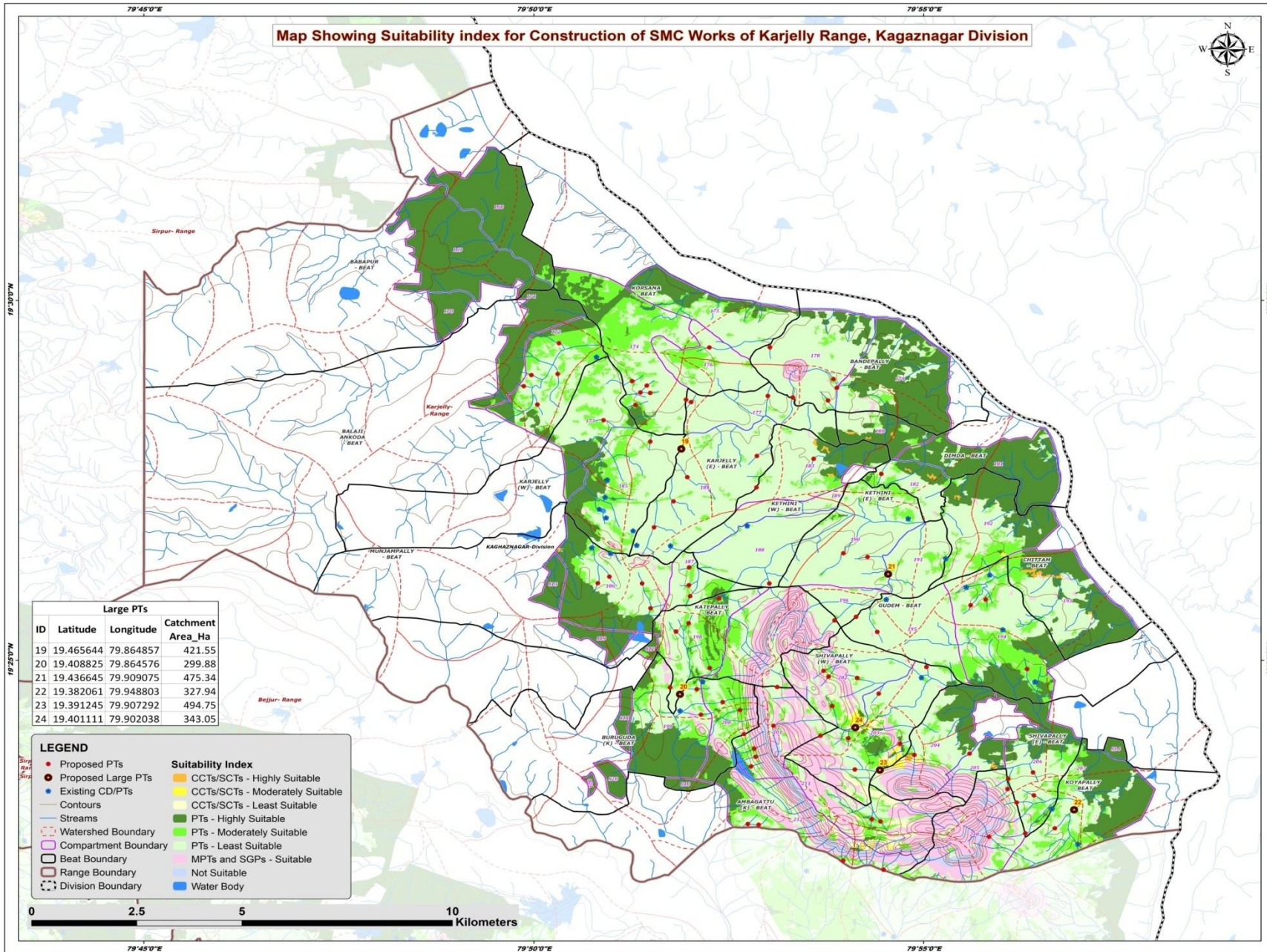
79°20'0"E 79°30'0"E 79°40'0"E 79°50'0"E 80°0'0"E

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

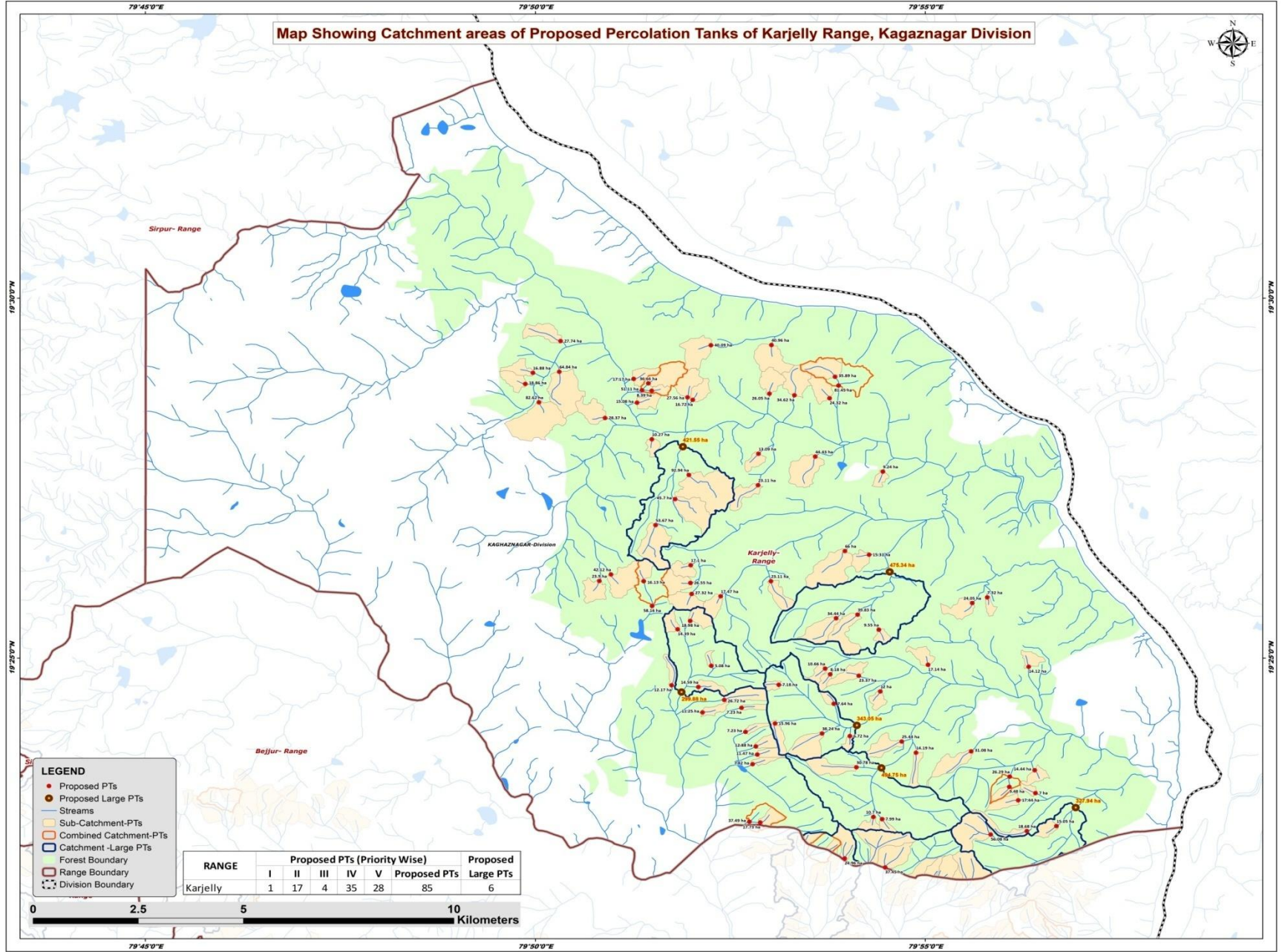


Large PTs			
ID	Latitude	Longitude	Catchment Area_Ha
19	19.465644	79.864857	421.55
20	19.408825	79.864576	299.88
21	19.436645	79.909075	475.34
22	19.382061	79.948803	327.94
23	19.391245	79.907292	494.75
24	19.401111	79.902038	343.05

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



Map Showing Catchment areas of Proposed Percolation Tanks of Karjelly Range, Kagaznagar 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	
Karjelly	1	17	4	35	28	85



79°45'0"E

79°50'0"E

79°55'0"E

MADURAI

MADURAI

MADURAI

MADURAI

Beat wise Abstract of Proposed PT's – Karjelly Range

S. No.	Beat	Proposed PT's
1	AMBAGATTU-K	11
2	BALAJI ANKODA	5
3	BANDEPALLY	5
4	BURUGUDA-K	5
5	DIMDA	1
6	GUDEM	5
7	KARJELLY EAST	8
8	KARJELLY WEST	2
9	KATEPALLY	7
10	KETHINI EAST	2
11	KETHINI WEST	2
12	KORSANA	6
13	KOYAPALLY	3
14	MUNJAMPALLY	7
15	SHIVAPALLY EAST	7
16	SHIVAPALLY WEST	9
	Total	85

List of Proposed PTs – Karjelly Range

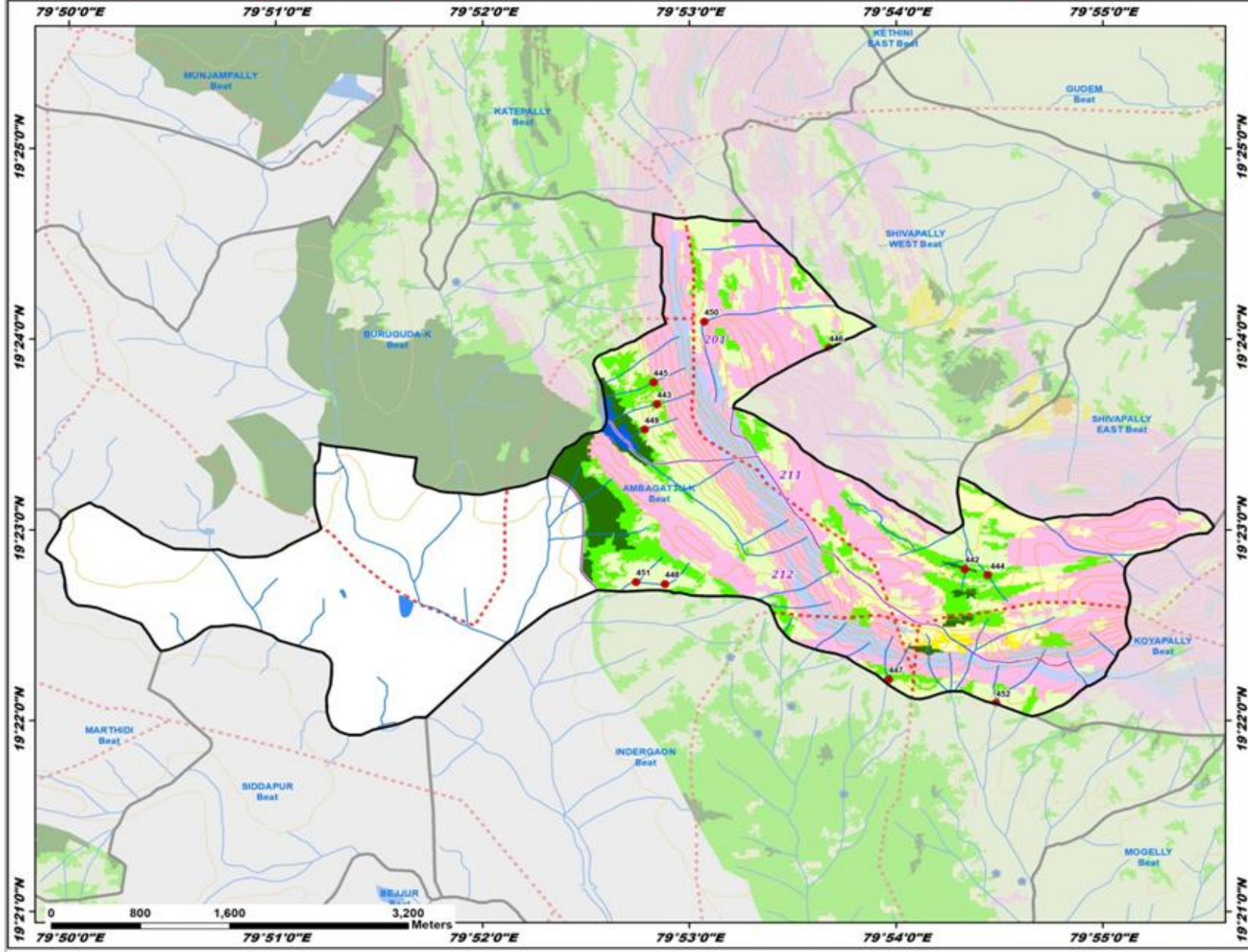
ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat
410	19.480162	79.831201	18.86	IV	BALAJI ANKODA
411	19.482752	79.832840	16.88	IV	BALAJI ANKODA
412	19.483008	79.838464	64.84	IV	BALAJI ANKODA
413	19.475923	79.834100	82.62	V	BALAJI ANKODA
414	19.490096	79.838730	27.74	V	BALAJI ANKODA
415	19.475830	79.855076	15.08	II	KORSANA
416	19.478609	79.858212	8.39	IV	KORSANA
417	19.481330	79.854354	17.17	IV	KORSANA
418	19.489144	79.870851	40.09	V	KORSANA
419	19.478708	79.856114	51.11	V	KORSANA
420	19.480299	79.857483	36.66	V	KORSANA
421	19.459875	79.907613	9.24	IV	DIMDA
422	19.414680	79.938749	14.12	II	GUDEM
423	19.430752	79.929905	7.32	II	GUDEM
424	19.423249	79.906755	9.55	IV	GUDEM
425	19.429437	79.926711	24.05	IV	GUDEM
426	19.426745	79.902202	39.83	V	GUDEM
427	19.481824	79.897381	35.89	III	BANDEPALLY
428	19.476864	79.896210	24.32	IV	BANDEPALLY
429	19.479791	79.898135	81.45	V	BANDEPALLY
430	19.477532	79.888707	34.62	V	BANDEPALLY
431	19.489196	79.883793	40.96	V	BANDEPALLY
432	19.456727	79.880930	23.11	IV	KARJELLY EAST
433	19.476483	79.866976	16.72	IV	KARJELLY EAST
434	19.463994	79.881015	13.09	IV	KARJELLY EAST
435	19.477923	79.883367	26.05	V	KARJELLY EAST
436	19.447477	79.859027	53.67	V	KARJELLY EAST
437	19.453491	79.863220	45.70	V	KARJELLY EAST
438	19.459090	79.866143	92.94	V	KARJELLY EAST
439	19.477044	79.865876	27.56	V	KARJELLY EAST
440	19.467356	79.858249	10.27	IV	KARJELLY WEST
441	19.472291	79.848249	28.37	V	KARJELLY WEST
442	19.379901	79.905587	10.70	I	AMBAGATTU-K
443	19.394324	79.880765	11.47	II	AMBAGATTU-K
444	19.379376	79.907423	7.99	II	AMBAGATTU-K
445	19.396214	79.880467	12.88	II	AMBAGATTU-K
446	19.399222	79.894626	38.24	III	AMBAGATTU-K
447	19.370255	79.899427	24.96	IV	AMBAGATTU-K
448	19.378605	79.881401	17.73	IV	AMBAGATTU-K
449	19.392098	79.879762	7.82	IV	AMBAGATTU-K
450	19.401533	79.884571	15.96	IV	AMBAGATTU-K
451	19.378768	79.879070	37.49	V	AMBAGATTU-K

ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat
452	19.368196	79.908094	37.45	V	AMBAGATTU-K
453	19.405171	79.877389	7.23	II	BURUGUDA-K
454	19.406999	79.873701	26.72	III	BURUGUDA-K
455	19.404116	79.869071	11.25	IV	BURUGUDA-K
456	19.409991	79.868185	14.59	IV	BURUGUDA-K
457	19.399598	79.878256	7.23	IV	BURUGUDA-K
458	19.431002	79.872944	17.47	II	KATEPALLY
459	19.410374	79.862463	12.17	II	KATEPALLY
460	19.414886	79.870937	5.08	II	KATEPALLY
461	19.423344	79.863736	14.39	IV	KATEPALLY
462	19.425302	79.866431	18.98	IV	KATEPALLY
463	19.410507	79.885358	7.18	IV	KATEPALLY
464	19.425905	79.897607	34.44	V	KATEPALLY
465	19.440608	79.904666	15.31	IV	KETHINI EAST
466	19.441470	79.899489	66.00	V	KETHINI EAST
467	19.434490	79.883685	23.11	IV	KETHINI WEST
468	19.463341	79.893167	44.43	V	KETHINI WEST
469	19.434551	79.847009	23.90	IV	MUNJAMPALLY
470	19.438202	79.866539	17.10	IV	MUNJAMPALLY
471	19.434469	79.856503	16.13	IV	MUNJAMPALLY
472	19.436060	79.849507	42.12	V	MUNJAMPALLY
473	19.428739	79.858302	58.16	V	MUNJAMPALLY
474	19.431542	79.866737	27.32	V	MUNJAMPALLY
475	19.434095	79.866482	26.55	V	MUNJAMPALLY
476	19.386857	79.934631	9.48	II	KOYAPALLY
477	19.377786	79.944700	15.05	IV	KOYAPALLY
478	19.375800	79.930640	56.08	V	KOYAPALLY
479	19.394771	79.914690	14.19	II	SHIVAPALLY EAST
480	19.376617	79.938377	18.68	IV	SHIVAPALLY EAST
481	19.383755	79.936535	17.44	IV	SHIVAPALLY EAST
482	19.390715	79.940052	14.44	IV	SHIVAPALLY EAST
483	19.385402	79.940218	7.00	IV	SHIVAPALLY EAST
484	19.389228	79.934717	26.29	V	SHIVAPALLY EAST
485	19.395071	79.926479	31.08	V	SHIVAPALLY EAST
486	19.398611	79.900560	6.72	II	SHIVAPALLY WEST
487	19.406094	79.897133	7.64	II	SHIVAPALLY WEST
488	19.412934	79.896368	8.18	II	SHIVAPALLY WEST
489	19.412581	79.902476	23.37	II	SHIVAPALLY WEST
490	19.414236	79.895277	10.66	II	SHIVAPALLY WEST
491	19.397355	79.911639	25.44	III	SHIVAPALLY WEST
492	19.415115	79.917272	17.14	IV	SHIVAPALLY WEST
493	19.408954	79.907051	12.00	IV	SHIVAPALLY WEST
494	19.391393	79.901967	30.78	V	SHIVAPALLY WEST

Map Showing Suitability index for Construction of SMC Works of Ambagattu- K Beat



Division : Kaghaznagar
Range : Karjelly



ID	Latitude	Longitude	Catchment Area(Ha)	Priority
442	19.379901	79.905587	10.70	I
443	19.394324	79.880765	11.47	II
444	19.379376	79.907423	7.99	II
445	19.396214	79.880467	12.88	II
446	19.399222	79.894626	38.24	III
447	19.370255	79.899427	24.96	IV
448	19.378605	79.881401	17.73	IV
449	19.392098	79.879762	7.82	IV
450	19.401533	79.884571	15.96	IV
451	19.378768	79.879070	37.49	V
452	19.368196	79.908094	37.45	V

Legend

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

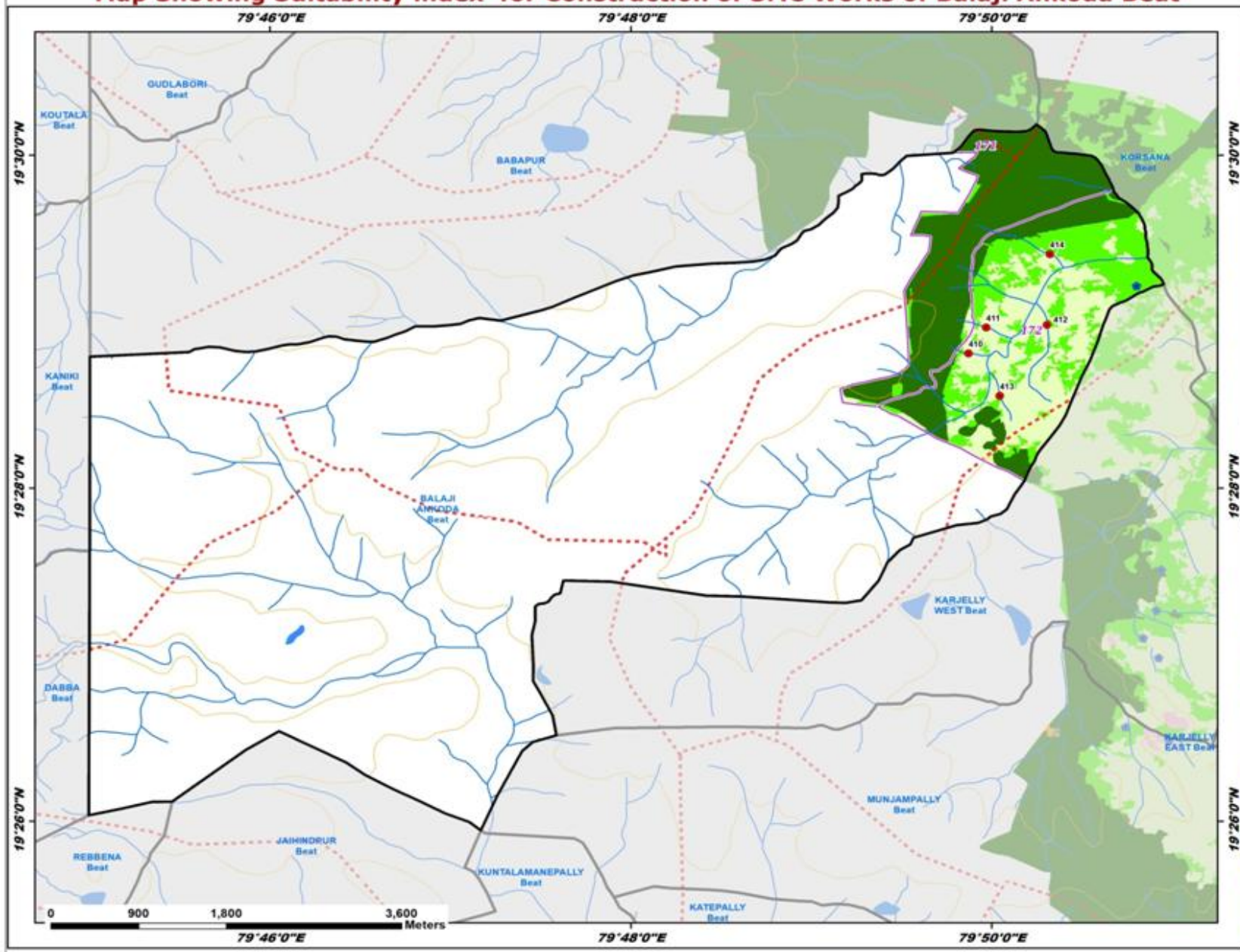
Suitability Index

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

Map Showing Suitability index for Construction of SMC Works of Balaji Ankoda Beat



Division : Kaghaznagar
Range : Karjelly



ID	Latitude	Longitude	Catchment Area(Ha)	Priority
410	19.480162	79.831201	18.86	IV
411	19.482752	79.832840	16.88	IV
412	19.483008	79.838464	64.84	IV
413	19.475923	79.834100	82.62	V
414	19.490096	79.838730	27.74	V

Legend

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

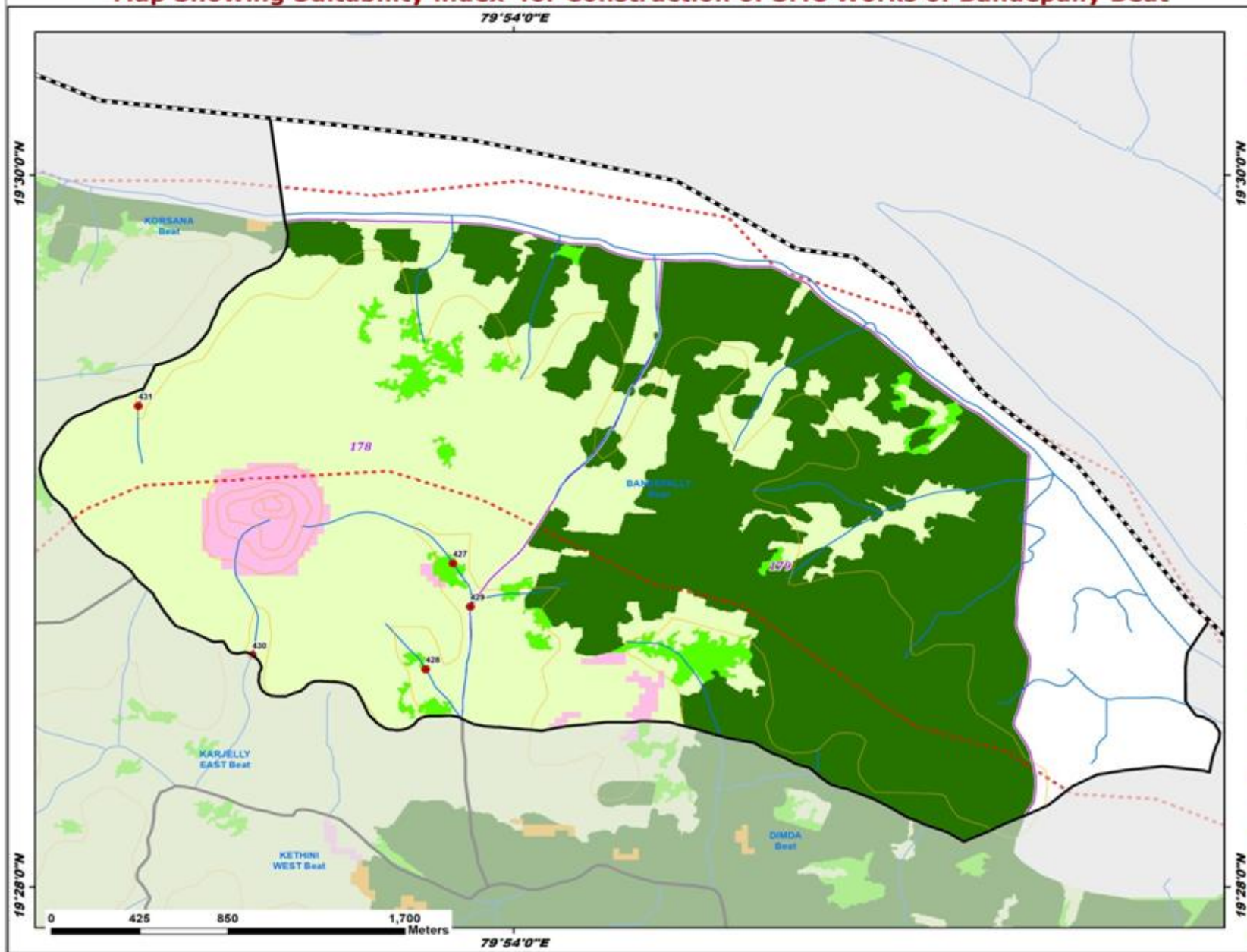
Suitability Index

- 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 Bandepally Beat



Division : Kaghaznagar
Range : Karjelly



ID	Latitude	Longitude	Catchment Area(Ha)	Priority
427	19.481824	79.897381	35.89	III
428	19.476864	79.896210	24.32	IV
429	19.479791	79.898135	81.45	V
430	19.477532	79.888707	34.62	V
431	19.489196	79.883793	40.96	V

Legend

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

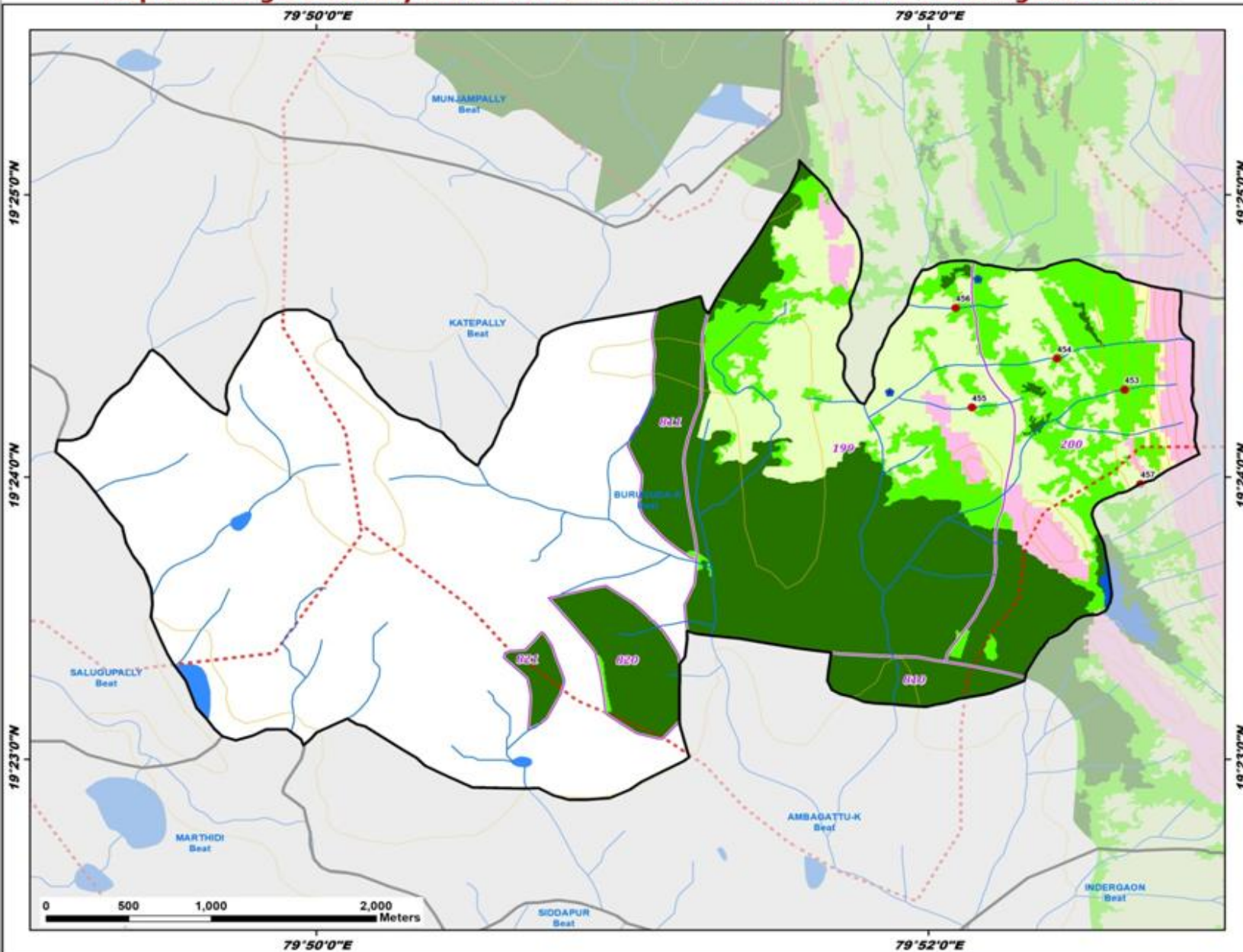
Suitability Index

- 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 Buruguda-K Beat



Division : Kaghaznagar
Range : Karjelly



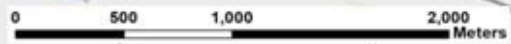
ID	Latitude	Longitude	Catchment Area(Ha)	Priority
453	19.405171	79.877389	7.23	II
454	19.406999	79.873701	26.72	III
455	19.404116	79.869071	11.25	IV
456	19.409991	79.868185	14.59	IV
457	19.399598	79.878256	7.23	IV

Legend

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

Suitability Index

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



79°50'0"E

79°52'0"E

19°25'0"N

19°24'0"N

19°23'0"N

19°25'0"N

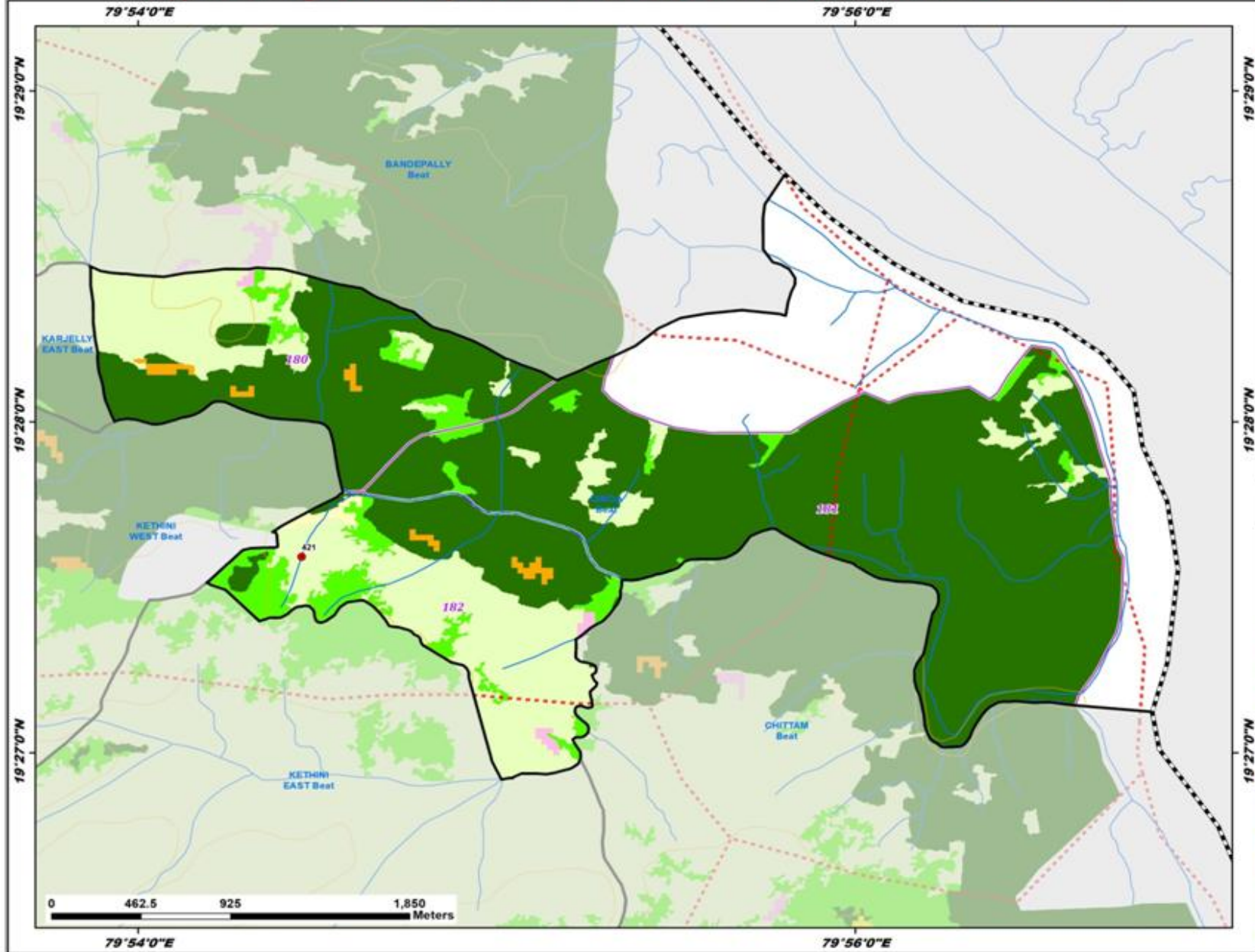
19°24'0"N

19°23'0"N

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



Division : Kaghaznagar
Range : Karjelly



Legend

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

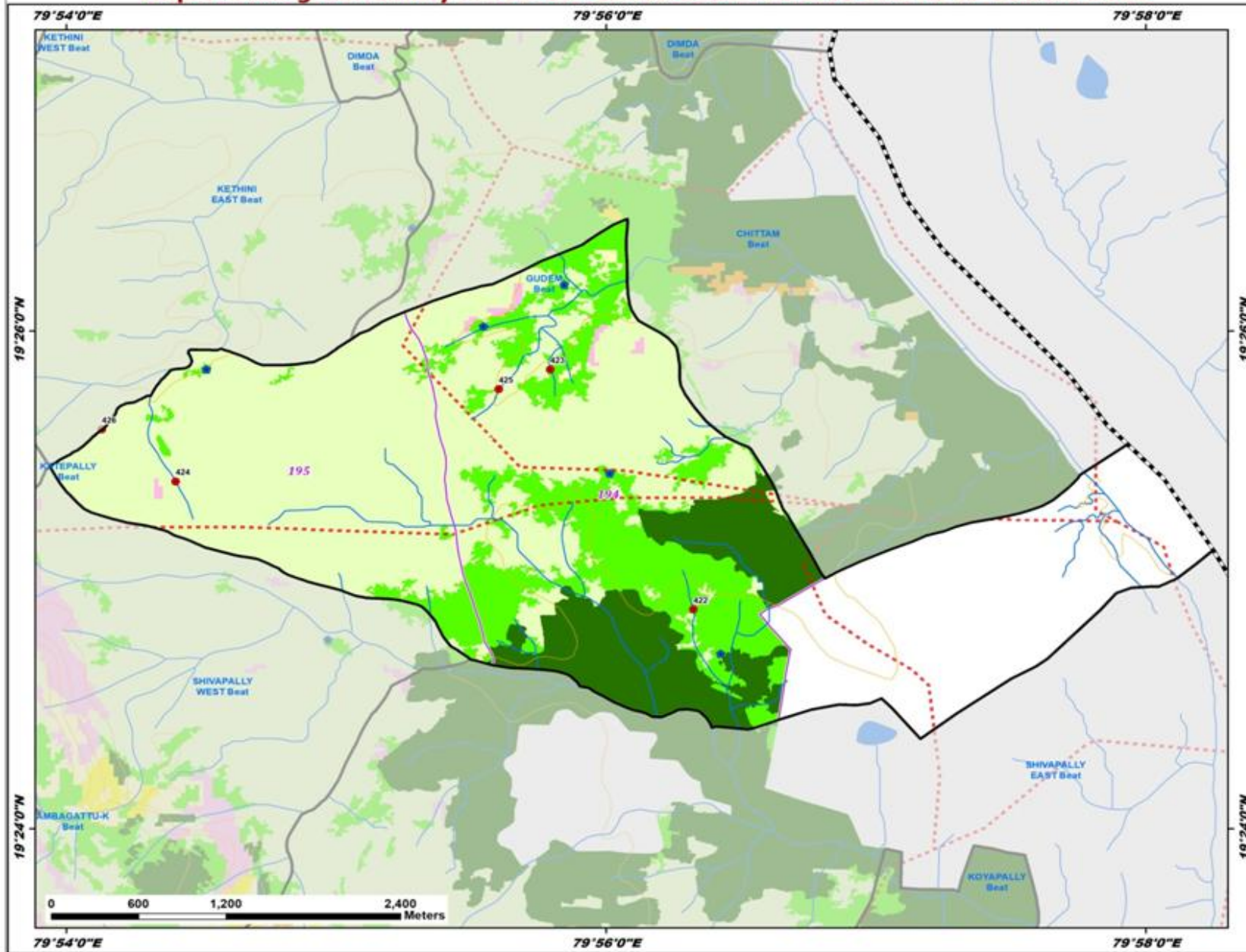
Suitability Index

- 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 Gudem Beat



Division : Kaghaznagar
Range : Karjelly



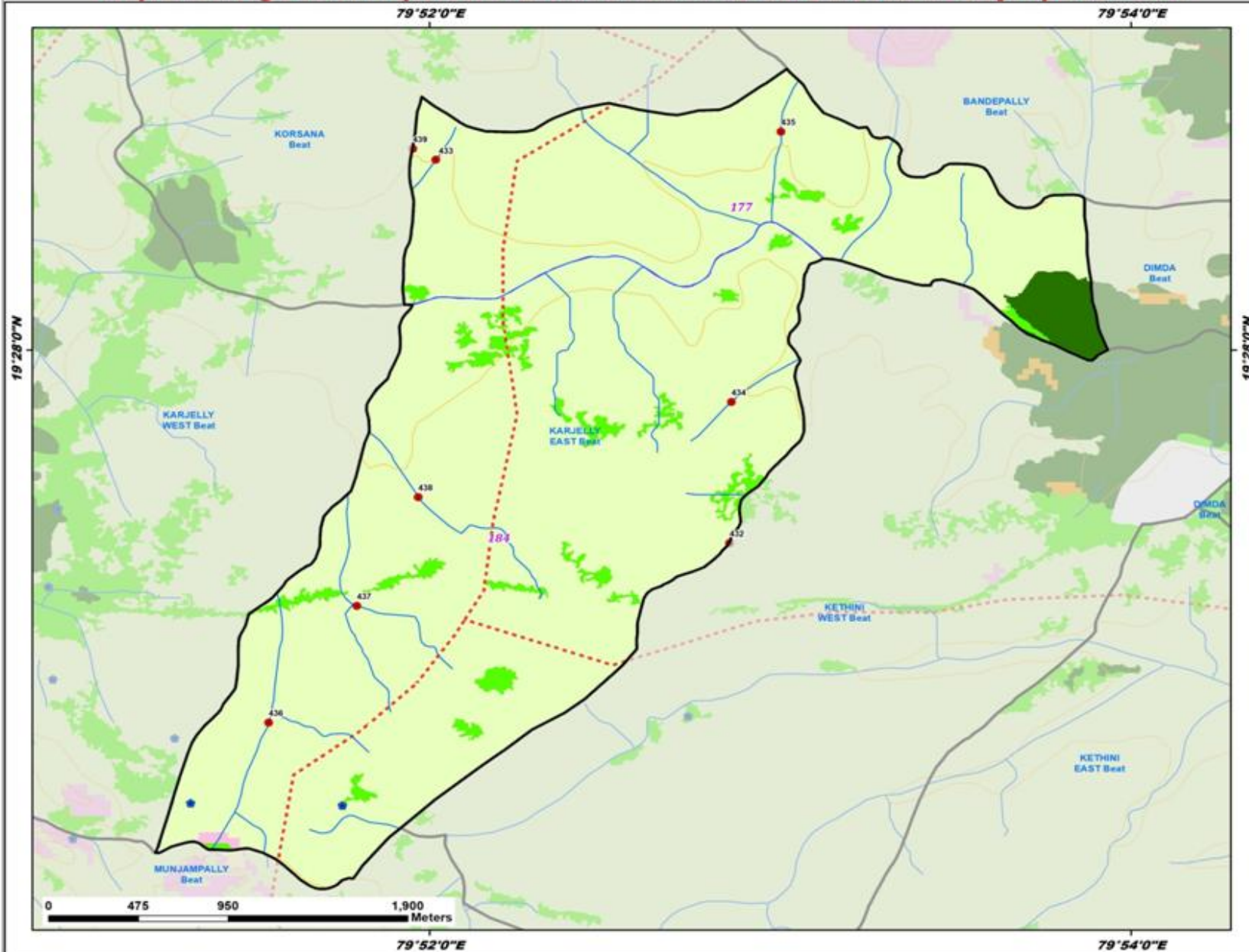
ID	Latitude	Longitude	Catchment Area(Ha)	Priority
422	19.414680	79.938749	14.12	II
423	19.430752	79.929905	7.32	II
424	19.423249	79.906755	9.55	IV
425	19.429437	79.926711	24.05	IV
426	19.426745	79.902202	39.83	V

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

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



Division : Kaghaznagar
Range : Karjelly



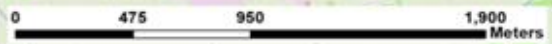
ID	Latitude	Longitude	Catchment Area(Ha)	Priority
432	19.456727	79.880930	23.11	IV
433	19.476483	79.866976	16.72	IV
434	19.463994	79.881015	13.09	IV
435	19.477923	79.883367	26.05	V
436	19.447477	79.859027	53.67	V
437	19.453491	79.863220	45.70	V
438	19.459090	79.866143	92.94	V
439	19.477044	79.865876	27.56	V

Legend

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

Suitability Index

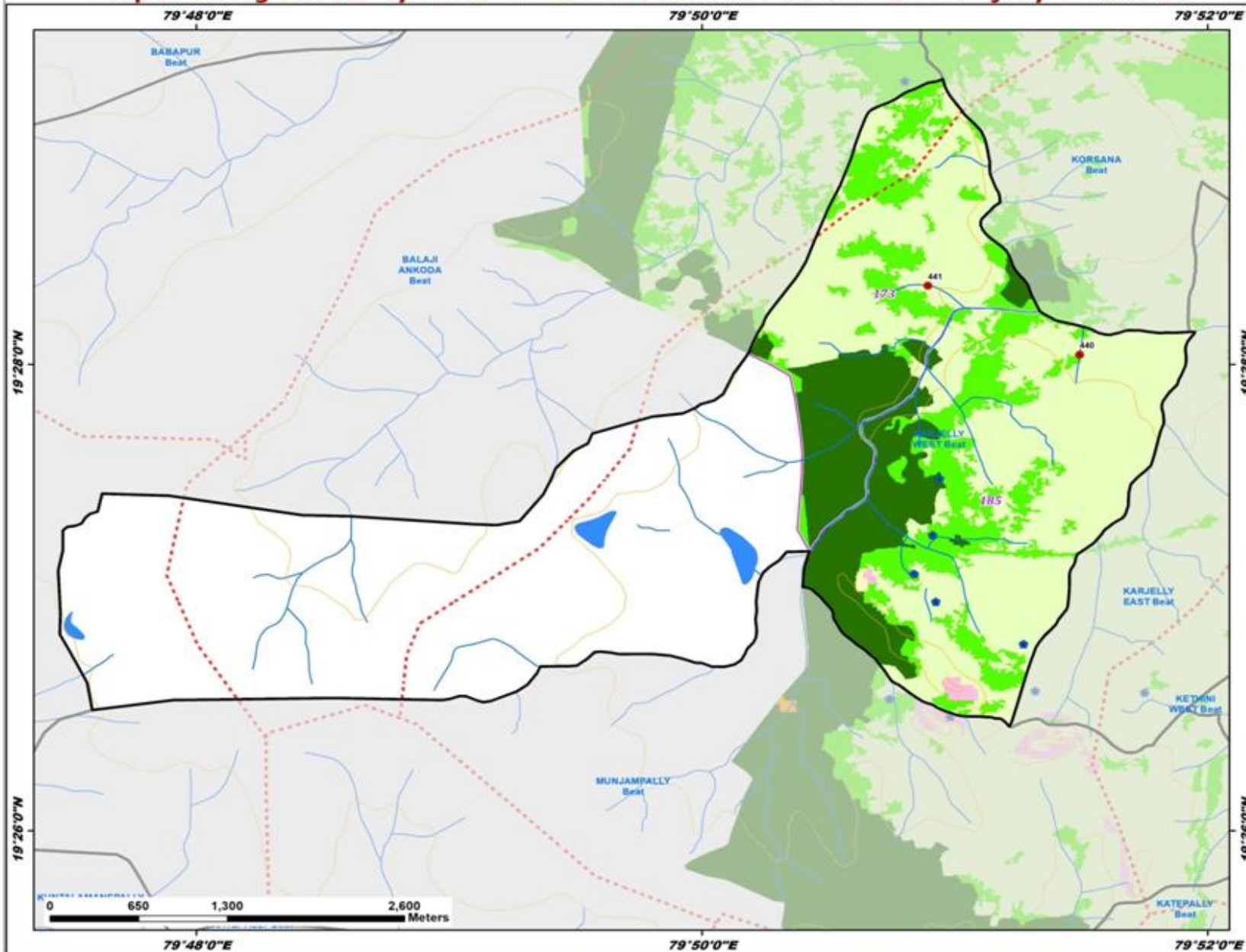
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- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body



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



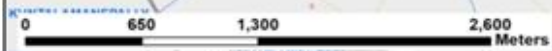
Division : Kaghaznagar
Range : Karjelly



ID	Latitude	Longitude	Catchment Area(Ha)	Priority
440	19.467356	79.858249	10.27	IV
441	19.472291	79.848249	28.37	V

Legend

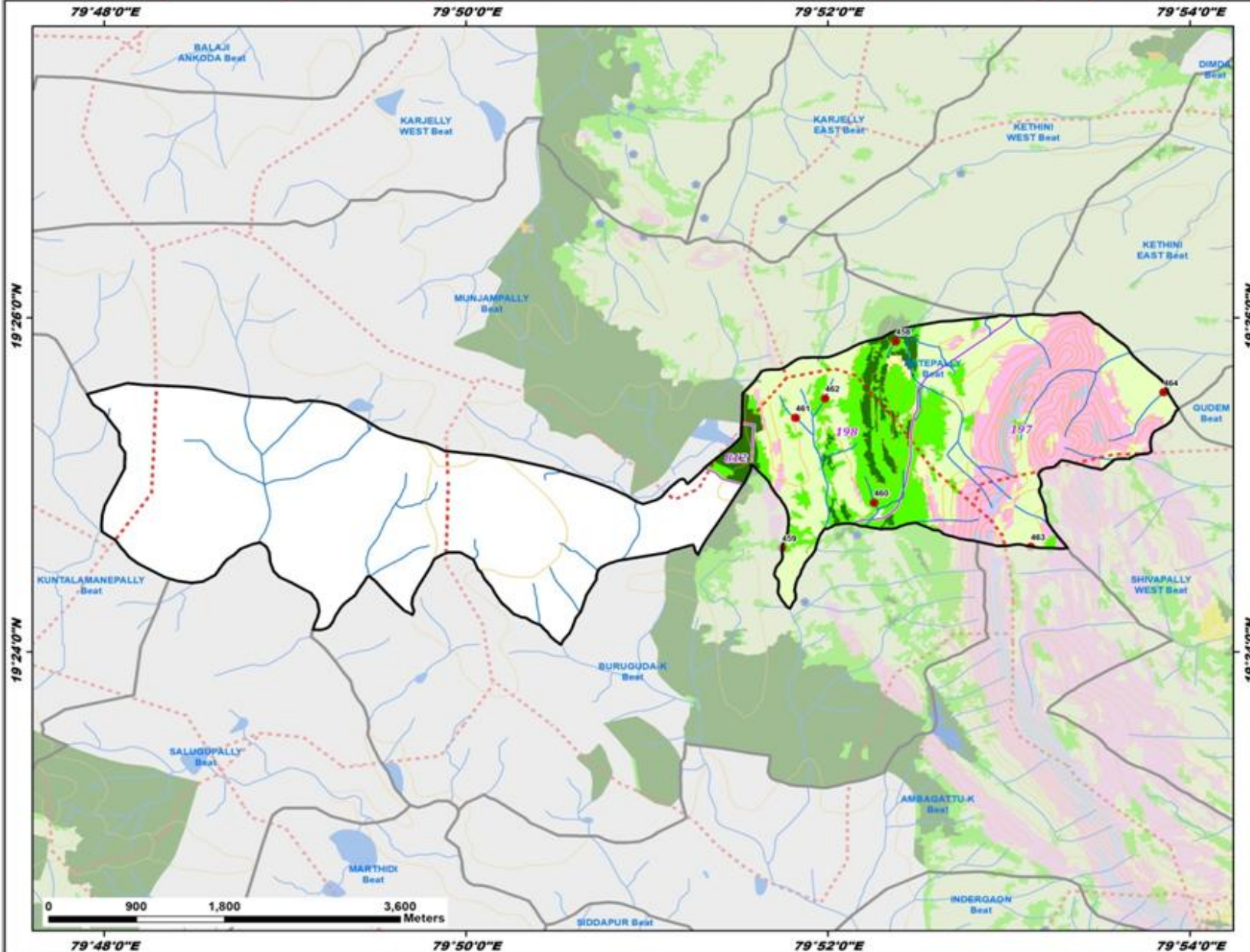
- Proposed PTs
 - Existing CD/PTs
 - Contours
 - Streams
 - - - Watershed Boundary
 - ▭ Compartment Boundary
 - ▭ Beat Boundary
 - ▭ Division Boundary
- Suitability Index**
- CCTs/SCTs - Highly Suitable
 - CCTs/SCTs - Moderately Suitable
 - CCTs/SCTs - Least Suitable
 - PTs - Highly Suitable
 - PTs -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



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



Division : Kaghaznagar
Range : Karjelly



ID	Latitude	Longitude	Catchment Area(Ha)	Priority
458	19.431002	79.872944	17.47	II
459	19.410374	79.862463	12.17	II
460	19.414886	79.870937	5.08	II
461	19.423344	79.863736	14.39	IV
462	19.425302	79.866431	18.98	IV
463	19.410507	79.885358	7.18	IV
464	19.425905	79.897607	34.44	V

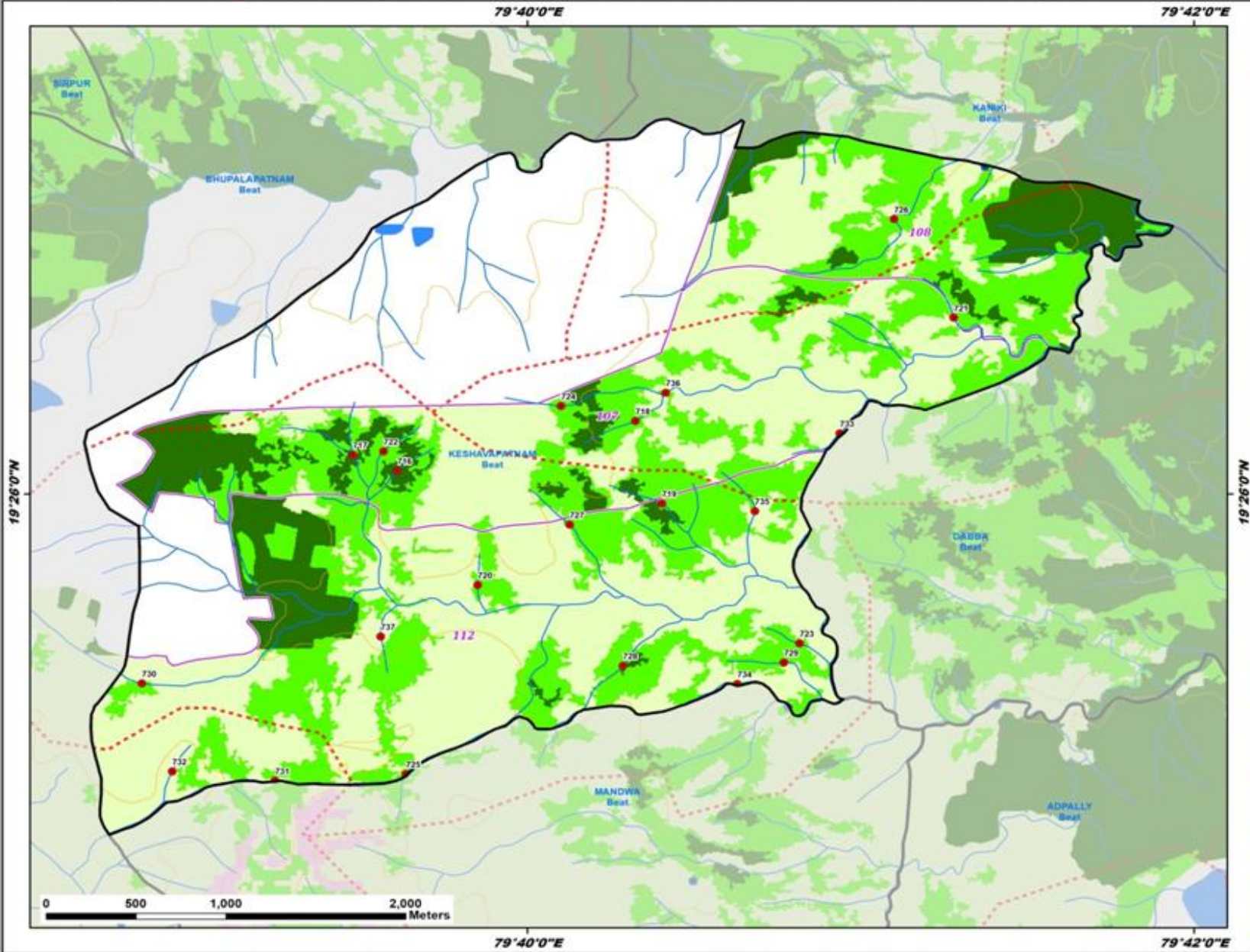
Legend

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

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



Division : Kaghaznagar
Range : Karjelly



ID	Latitude	Longitude	Catchment Area(Ha)	Priority
716	19.434589	79.660171	14.44	I
717	19.435453	79.657952	15.81	I
718	19.437294	79.672092	10.78	II
719	19.432823	79.673418	9.79	II
720	19.428398	79.664191	16.48	II
721	19.442886	79.688012	13.40	II
722	19.435643	79.659479	8.81	II
723	19.425232	79.680297	7.15	II
724	19.438111	79.668362	11.37	II
725	19.418144	79.660596	17.02	II
726	19.448235	79.685021	36.49	III
727	19.431674	79.668796	33.49	III
728	19.424015	79.671468	31.44	III
729	19.424195	79.679508	6.38	IV
730	19.423064	79.647397	54.17	IV
731	19.417786	79.654056	12.12	IV
732	19.418287	79.648912	17.19	IV
733	19.436620	79.682297	11.89	IV
734	19.423025	79.677171	12.79	IV
735	19.432404	79.678059	16.82	IV
736	19.438820	79.673605	57.50	V
737	19.425600	79.659344	26.17	V

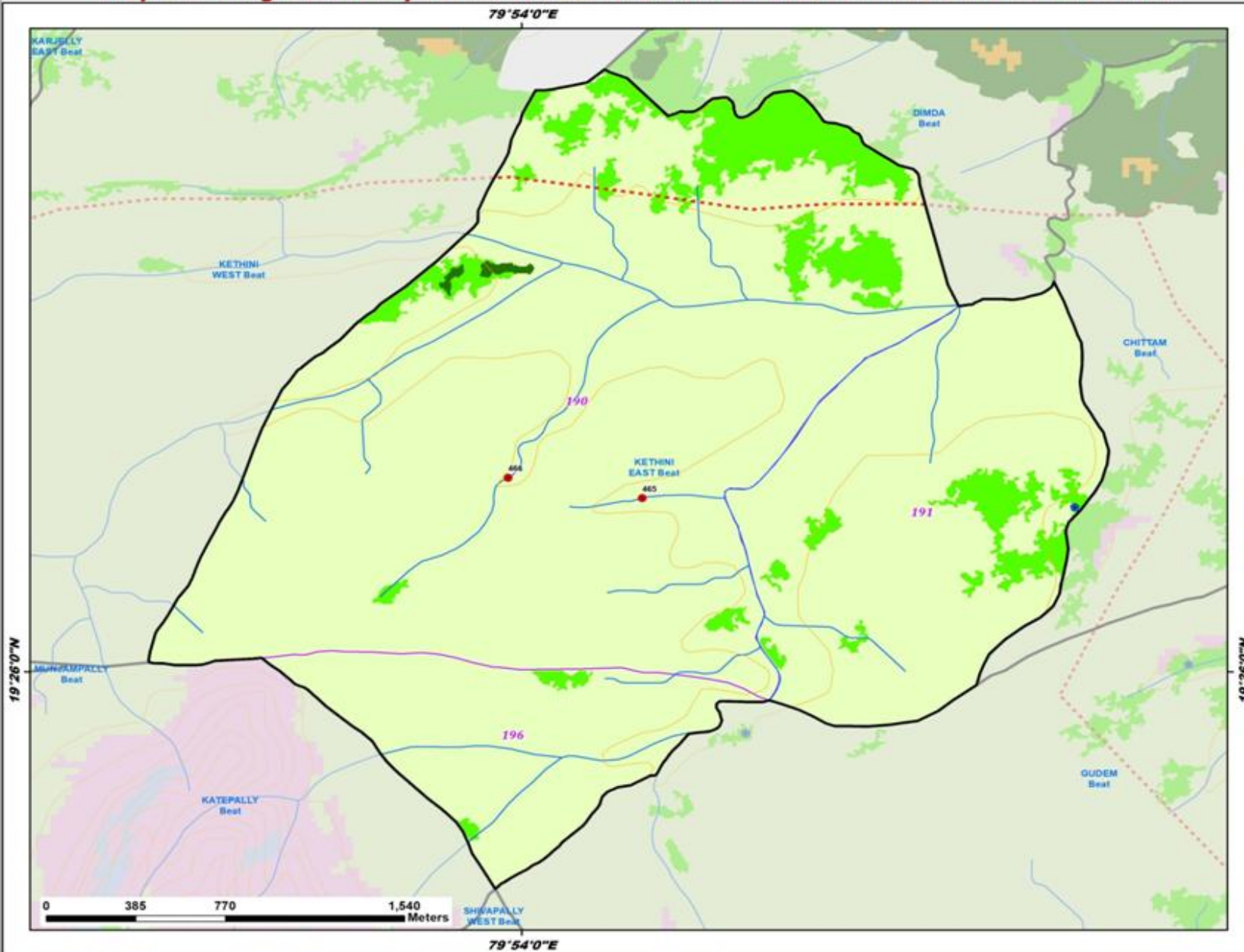
Legend

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

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



Division : Kaghaznagar
Range : Karjelly



ID	Latitude	Longitude	Catchment Area(Ha)	Priority
465	19.440608	79.904666	15.31	IV
466	19.441470	79.899489	66.00	V

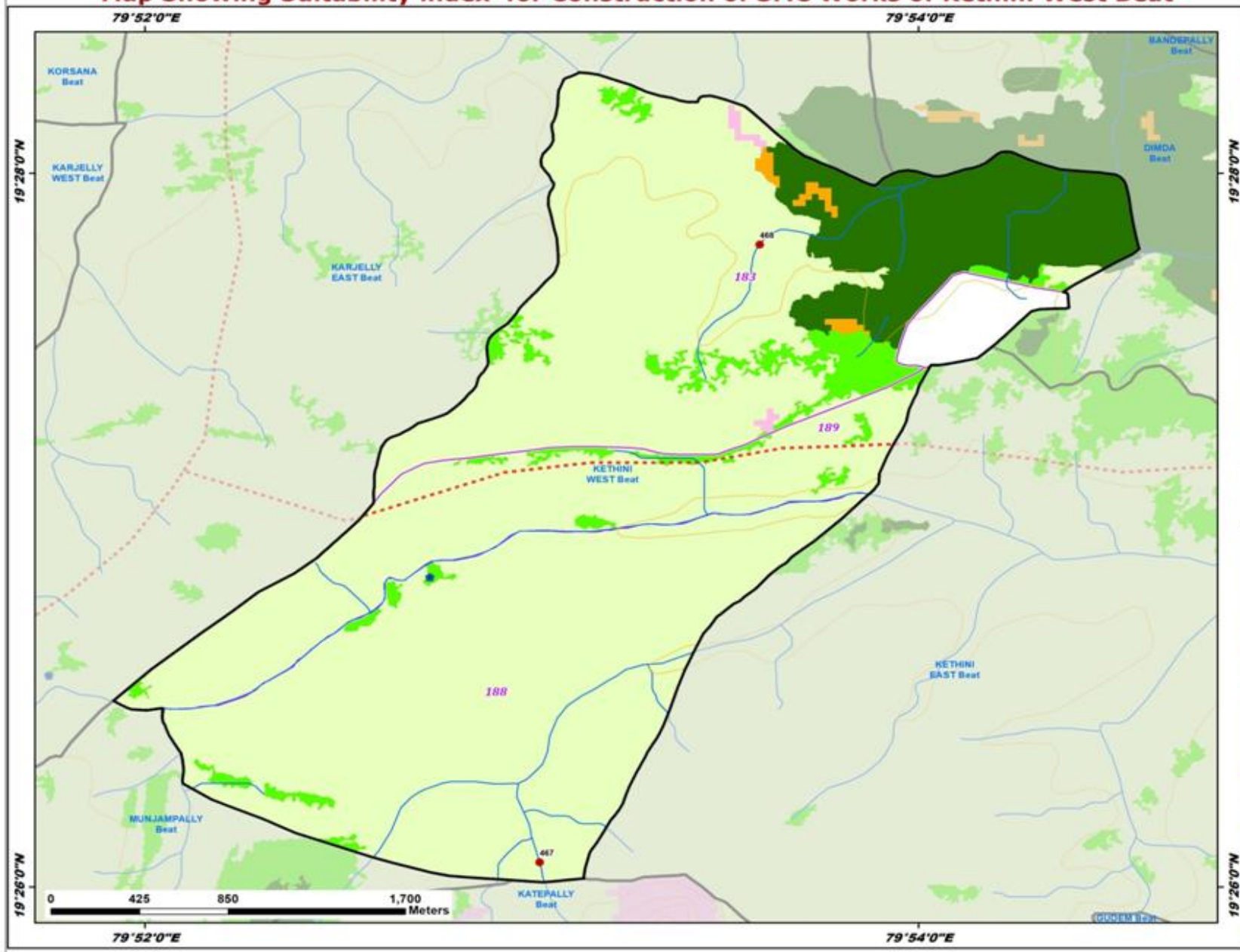
Legend

- 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 Kethini West Beat



Division : Kaghaznagar
Range : Karjelly



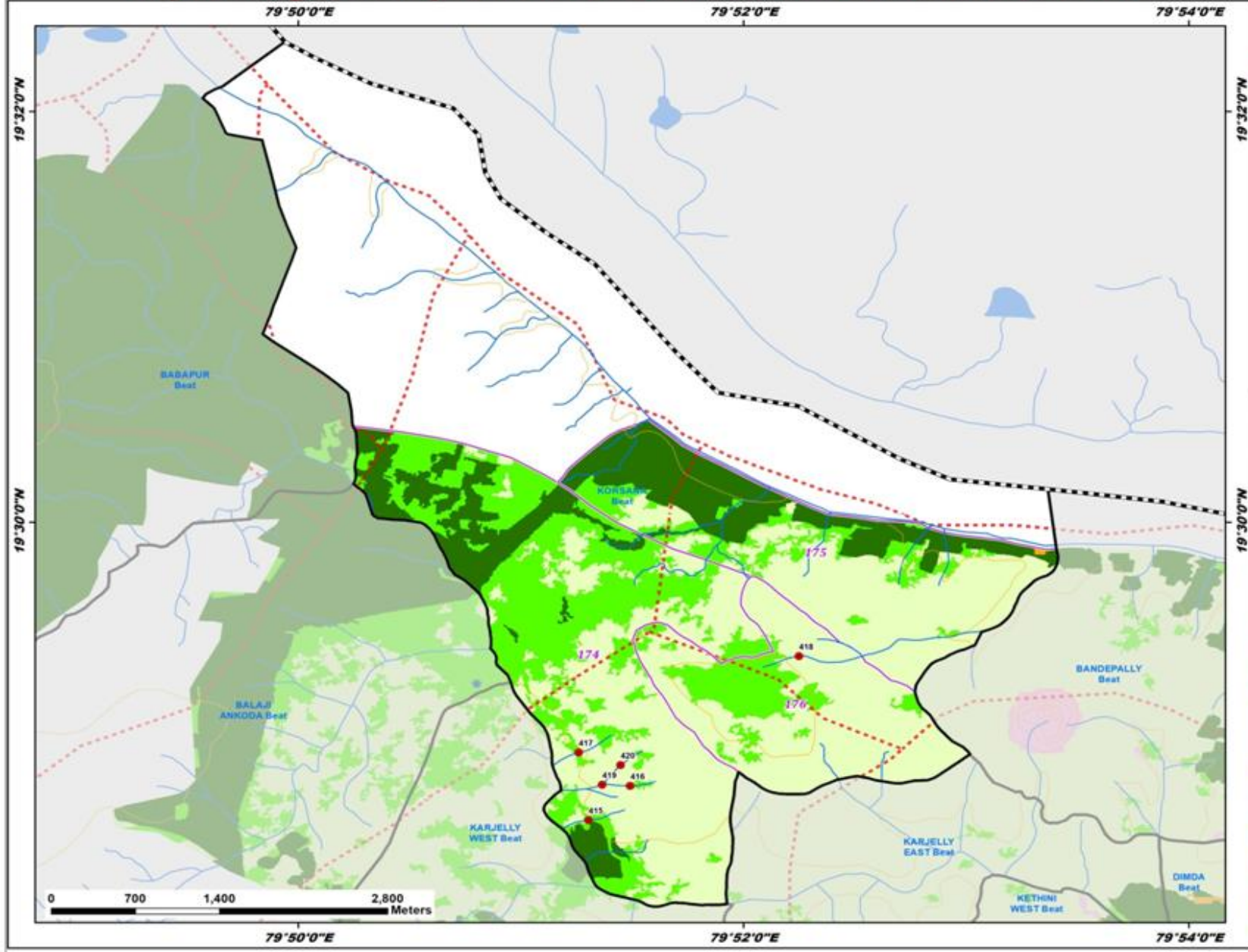
ID	Latitude	Longitude	Catchment Area(Ha)	Priority
467	19.434490	79.883685	23.11	IV
468	19.463341	79.893167	44.43	V

- 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 Korsana Beat



Division : Kaghaznagar
Range : Karjelly



ID	Latitude	Longitude	Catchment Area(Ha)	Priority
415	19.475830	79.855076	15.08	II
416	19.478609	79.858212	8.39	IV
417	19.481330	79.854354	17.17	IV
418	19.489144	79.870851	40.09	V
419	19.478708	79.856114	51.11	V
420	19.480299	79.857483	36.66	V

Legend

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

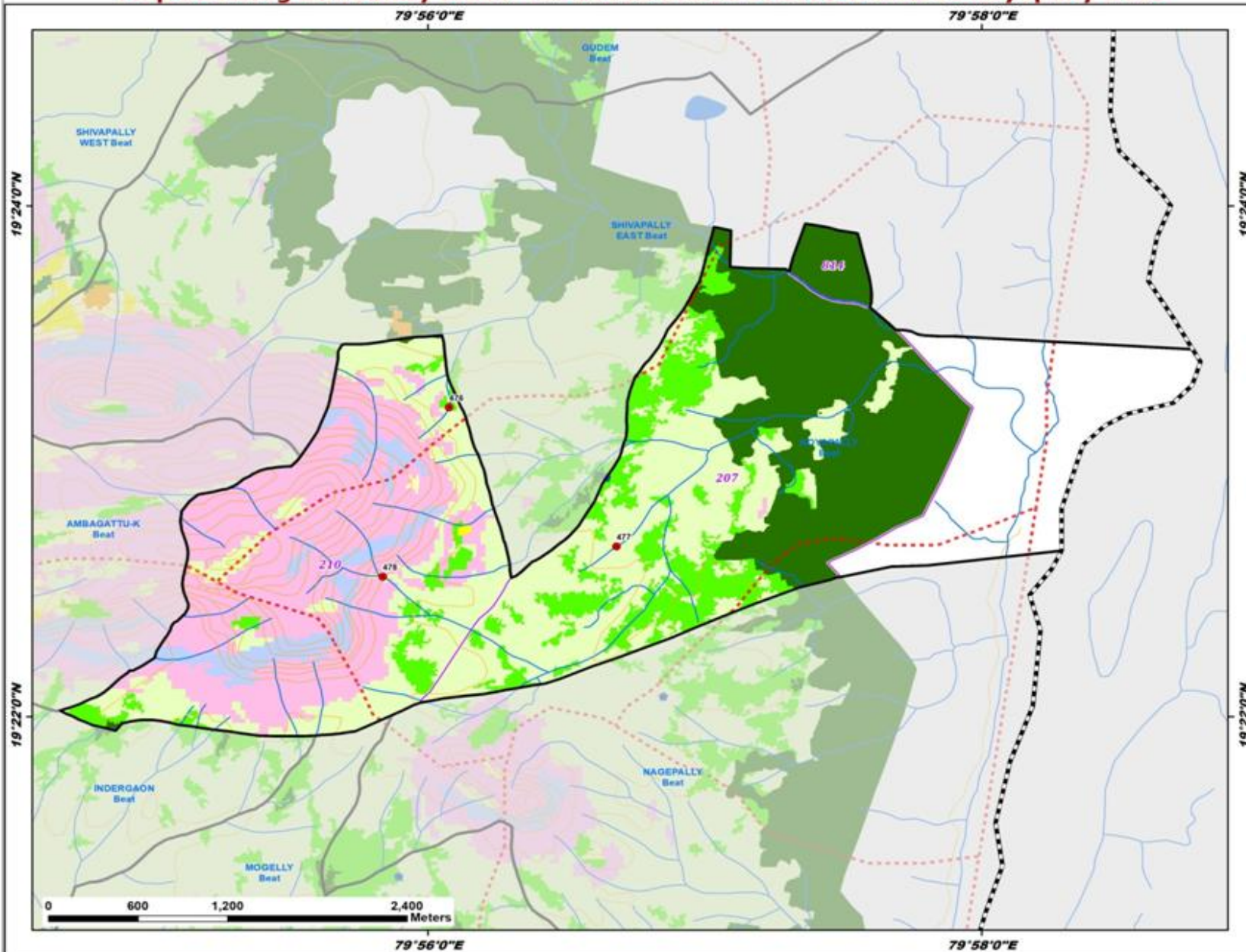
Suitability Index

- 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 Koyapally Beat



Division : Kaghaznagar
Range : Karjelly



ID	Latitude	Longitude	Catchment Area(Ha)	Priority
476	19.386857	79.934631	9.48	II
477	19.377786	79.944700	15.05	IV
478	19.375800	79.930640	56.08	V

Legend

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

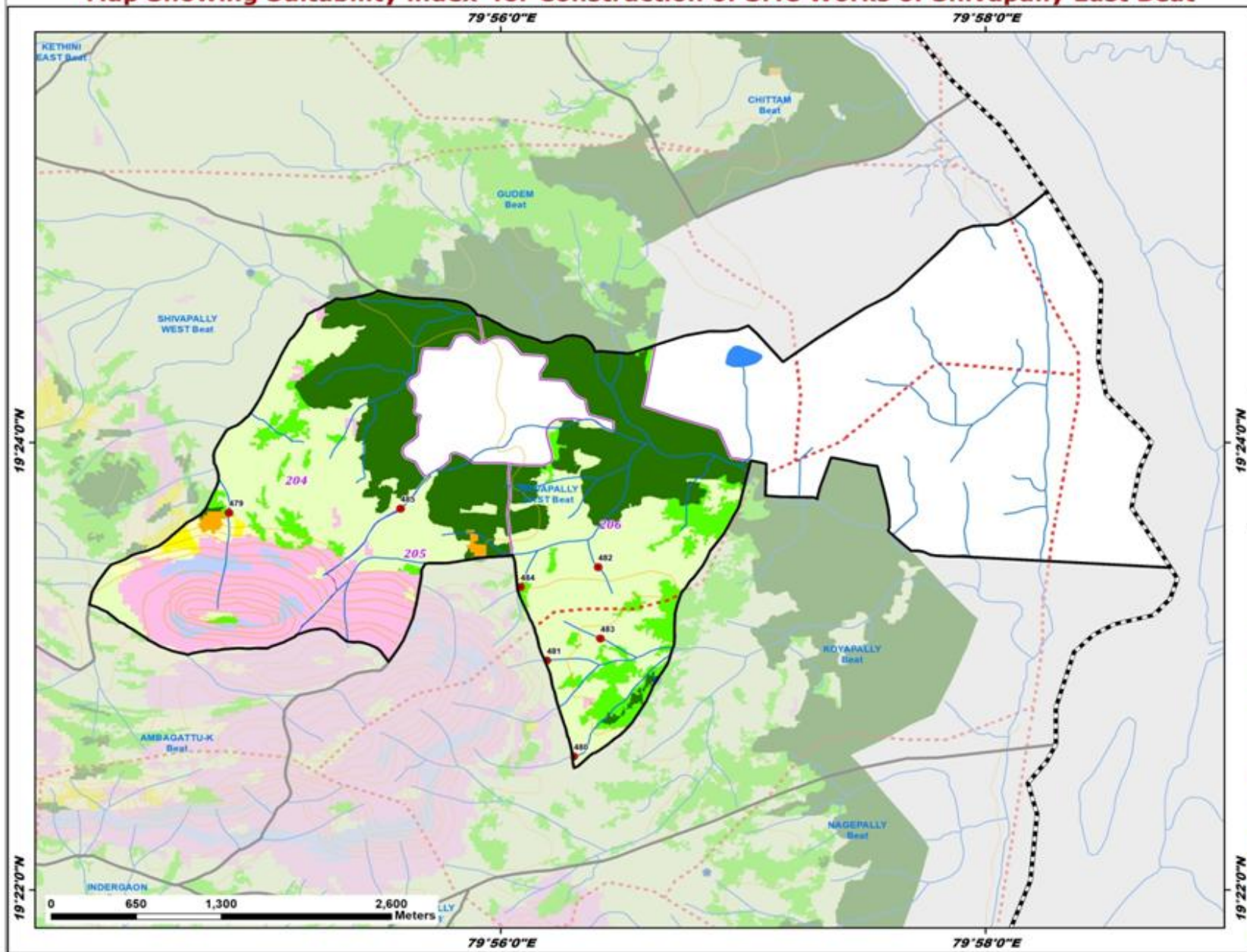
Suitability Index

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

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

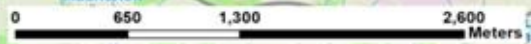


Division : Kaghaznagar
Range : Karjelly



ID	Latitude	Longitude	Catchment Area(Ha)	Priority
479	19.394771	79.914690	14.19	II
480	19.376617	79.938377	18.68	IV
481	19.383755	79.936535	17.44	IV
482	19.390715	79.940052	14.44	IV
483	19.385402	79.940218	7.00	IV
484	19.389228	79.934717	26.29	V
485	19.395071	79.926479	31.08	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
 - MP/SGPs - Suitable
 - Not Suitable
 - Water Body



19°22'0"N
19°24'0"N

19°22'0"N
19°24'0"N

79°56'0"E

79°58'0"E

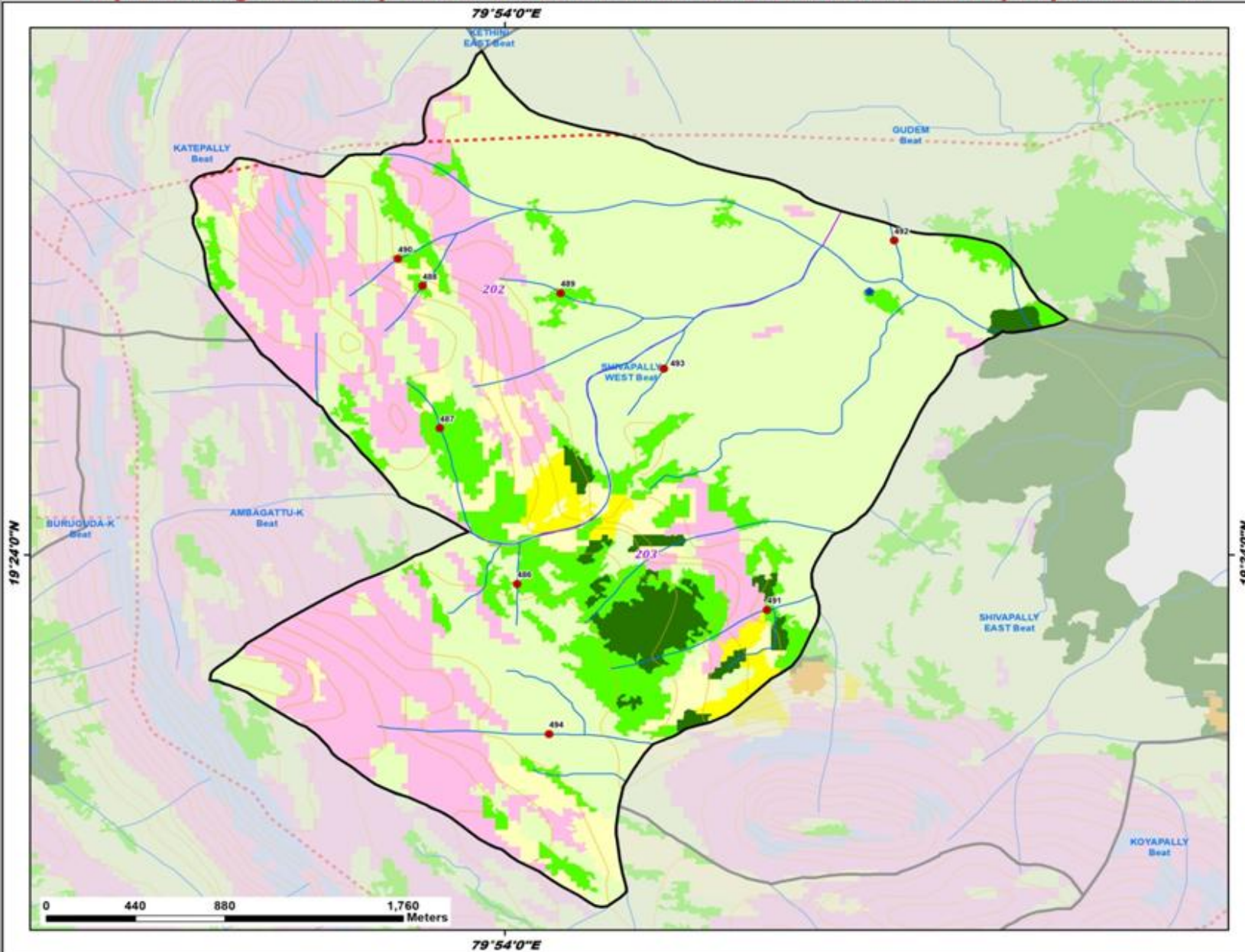
79°56'0"E

79°58'0"E

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



Division : Kaghaznagar
Range : Karjelly



ID	Latitude	Longitude	Catchment Area(Ha)	Priority
486	19.398611	79.900560	6.72	II
487	19.406094	79.897133	7.64	II
488	19.412934	79.896368	8.18	II
489	19.412581	79.902476	23.37	II
490	19.414236	79.895277	10.66	II
491	19.397355	79.911639	25.44	III
492	19.415115	79.917272	17.14	IV
493	19.408954	79.907051	12.00	IV
494	19.391393	79.901967	30.78	V

Legend

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

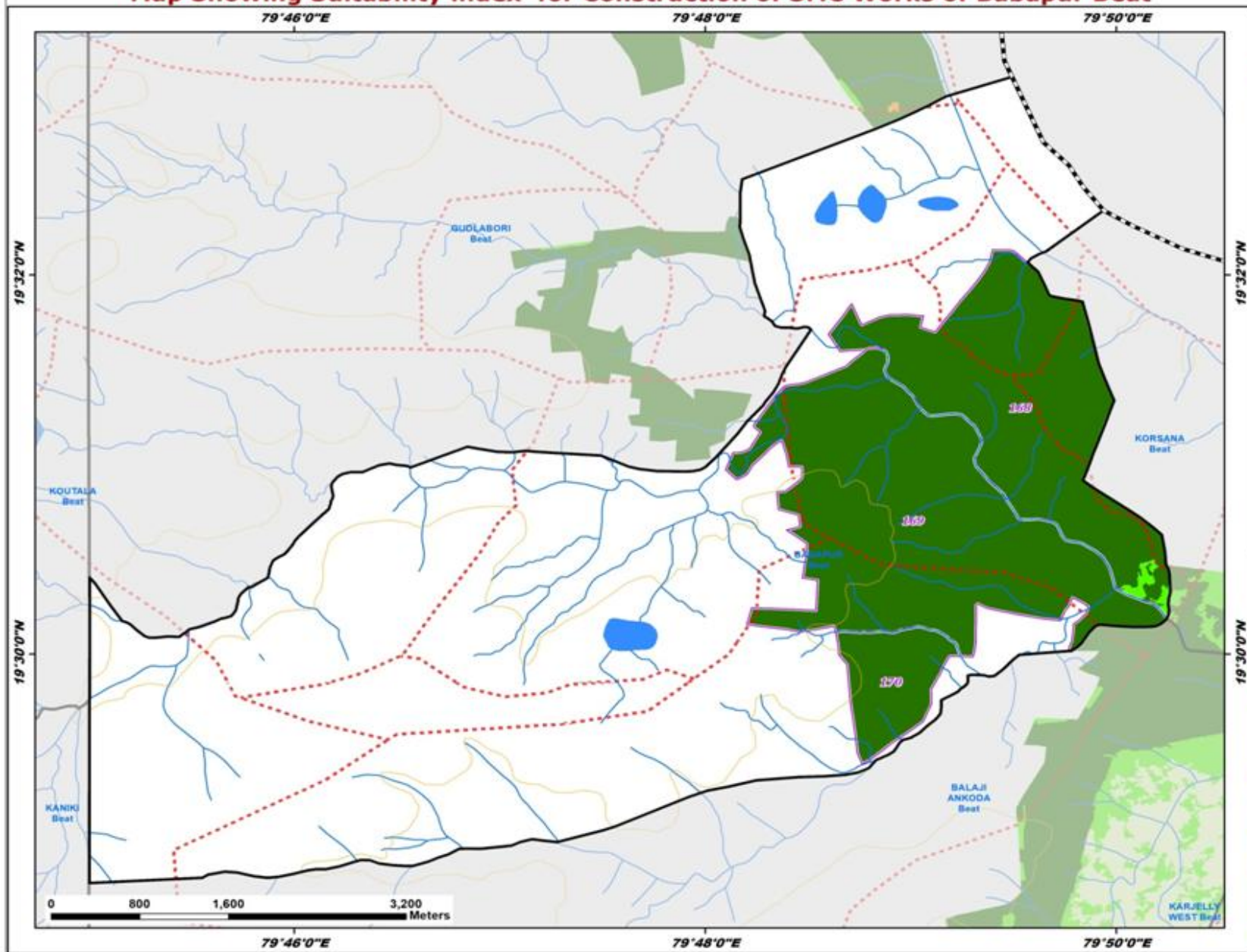
Suitability Index

- 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 Babapur Beat



Division : Kaghaznagar
Range : Karjelly

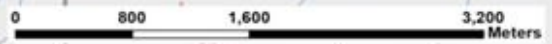


Legend

- 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



79°46'0"E 79°48'0"E 79°50'0"E

19°30'0"N
19°32'0"N

19°30'0"N
19°32'0"N

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

79°56'0"E

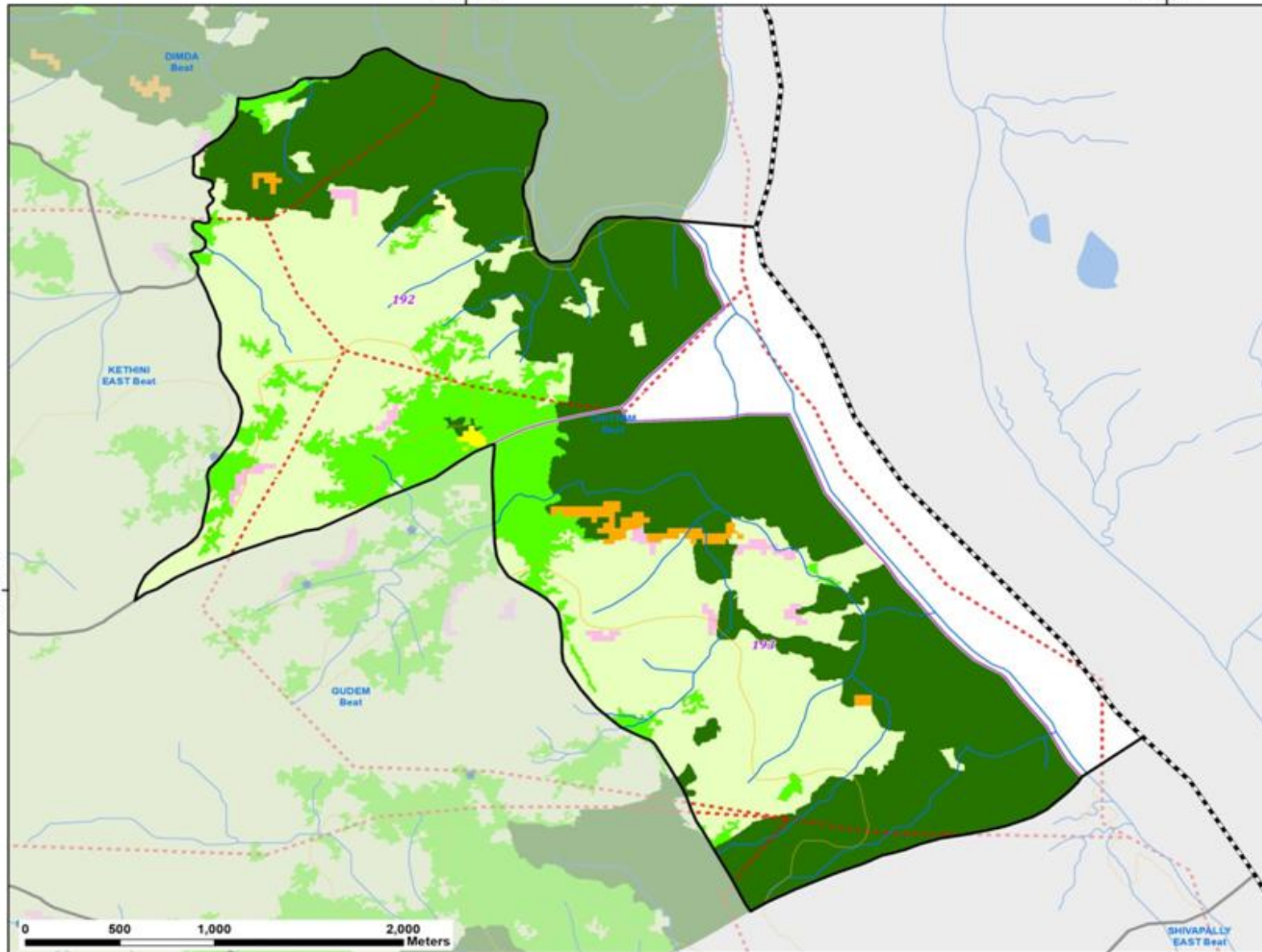
79°58'0"E



Division : Kaghaznagar
Range : Karjelly

19°26'0"N

19°26'0"N



0 500 1,000 2,000 Meters

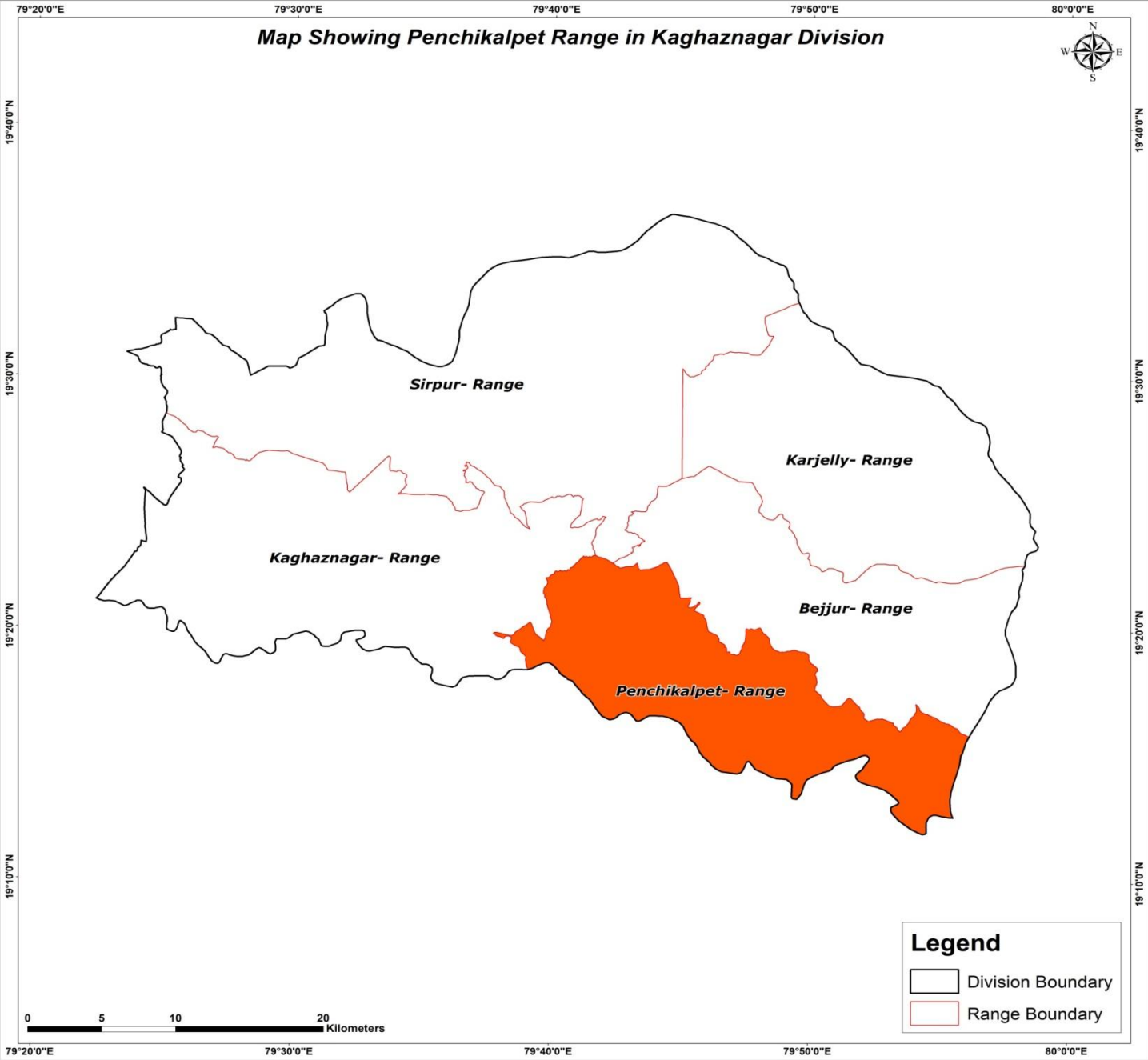
79°56'0"E

79°58'0"E

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 PENCHIKALPET RANGE in KAGHAZNAGAR DIVISION



79°20'0"E 79°30'0"E 79°40'0"E 79°50'0"E 80°0'0"E

Map Showing Suitability index for Construction of SMC Works of PENCHIKALPET RANGE, KAGAZNAGAR DIVISION



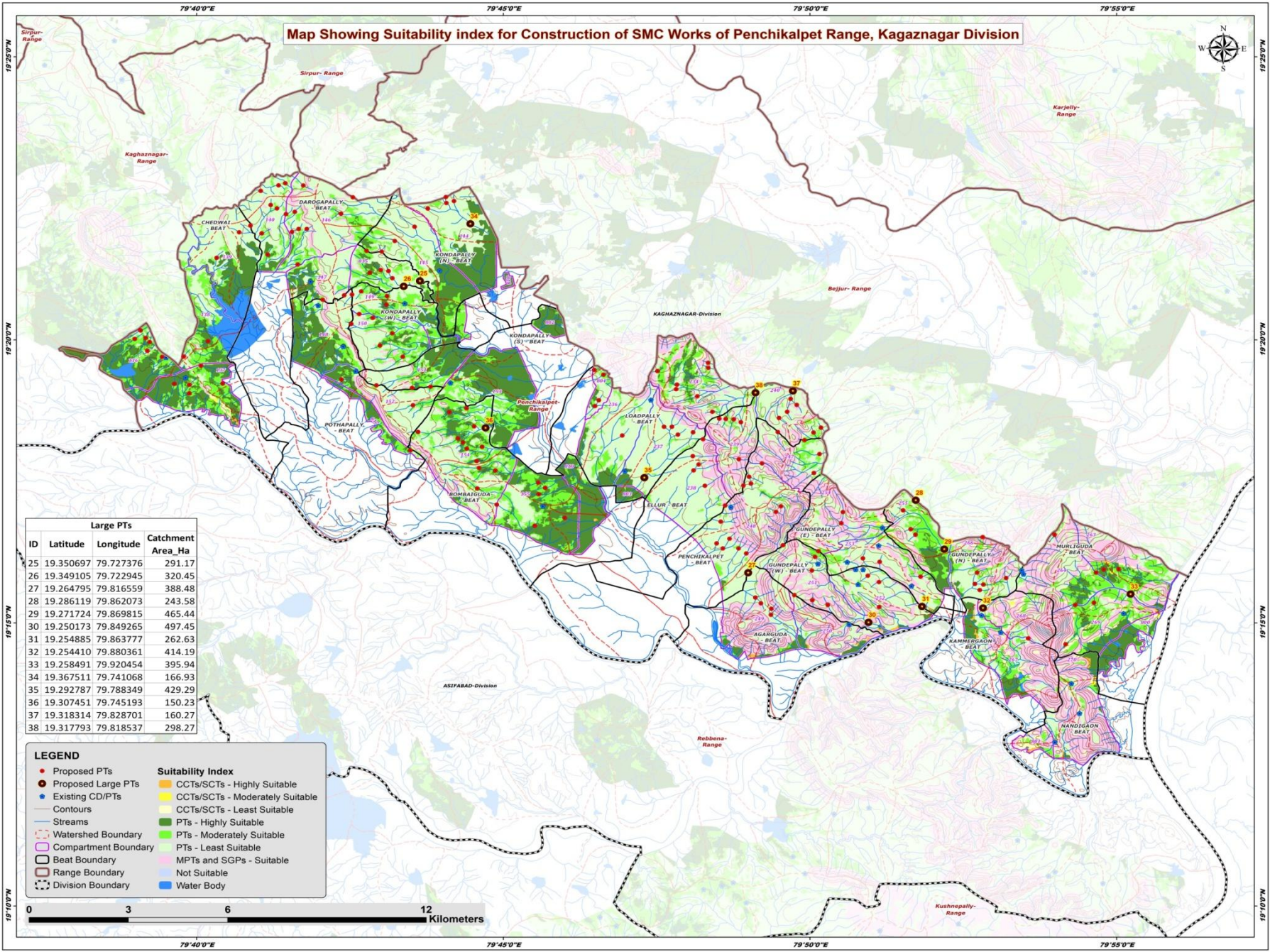
Large PTs			
ID	Latitude	Longitude	Catchment Area_Ha
25	19.350697	79.727376	291.17
26	19.349105	79.722945	320.45
27	19.264795	79.816559	388.48
28	19.286119	79.862073	243.58
29	19.271724	79.869815	465.44
30	19.250173	79.849265	497.45
31	19.254885	79.863777	262.63
32	19.254410	79.880361	414.19
33	19.258491	79.920454	395.94
34	19.367511	79.741068	166.93
35	19.292787	79.788349	429.29
36	19.307451	79.745193	150.23
37	19.318314	79.828701	160.27
38	19.317793	79.818537	298.27

LEGEND

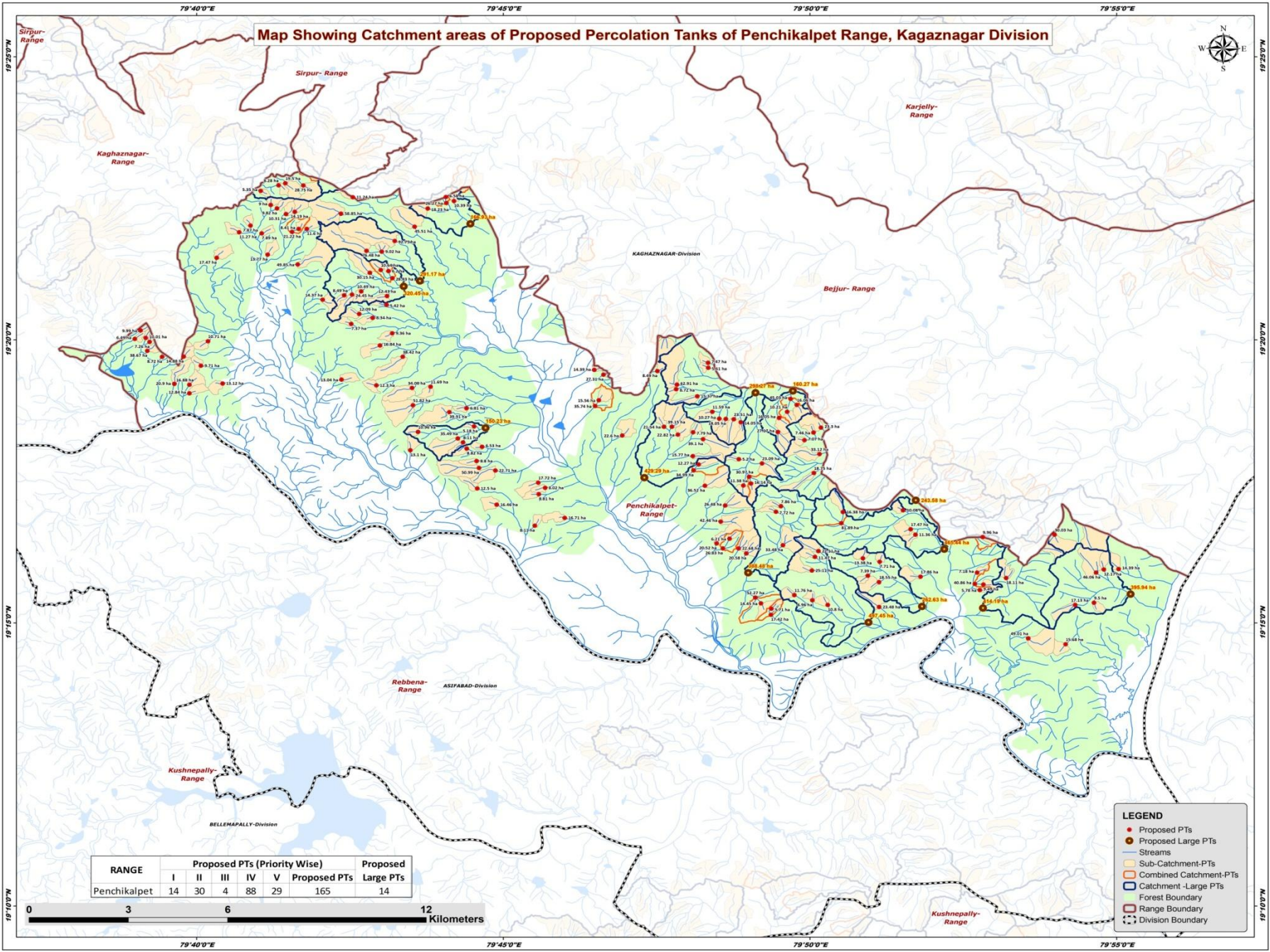
- Proposed PTs
- Proposed Large PTs
- Existing CD/PTs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat Boundary
- Range Boundary
- Division Boundary

Suitability Index

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



Map Showing Catchment areas of Proposed Percolation Tanks of Panchikalpet Range, Kagaznagar Division



RANGE	Proposed PTs (Priority Wise)					Proposed Large PTs
	I	II	III	IV	V	
Panchikalpet	14	30	4	88	29	165

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



Beat wise Abstract of Proposed PT's – PENCHIKALPET RANGE

S. No.	Beat	Proposed PT's
1	AGARGUDA	5
2	BOMBAIGUDA	18
3	CHEDWAI	16
4	DAROGAPALLY	22
5	ELLUR	16
6	GUNDEPALLY EAST	5
7	GUNDEPALLY NORTH	9
8	GUNDEPALLY WEST	9
9	KAMMERGAON	1
10	KONDAPALLY NORTH	8
11	KONDAPALLY SOUTH	2
12	KONDAPALLY WEST	9
13	LOADPALLY	16
14	MURLIGUDA	7
15	PENCHIKALPET	17
16	POTHAPALLY	5
	Total	165

List of Proposed PTs – PENCHIKALPET 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
495	19.332928	79.669797	10.71	I	CHEDWAI	535	19.314095	79.725476	51.82	IV	POTHAPALLY	575	19.374216	79.736610	10.39	IV	KONDAPALLY (N)
496	19.317582	79.664733	12.84	I	CHEDWAI	536	19.300838	79.724754	13.10	IV	POTHAPALLY	576	19.359570	79.712866	76.48	IV	KONDAPALLY (N)
497	19.320382	79.660639	20.90	I	CHEDWAI	537	19.321656	79.706061	13.04	IV	POTHAPALLY	577	19.375378	79.734433	6.58	IV	KONDAPALLY (N)
498	19.333895	79.652852	10.01	II	CHEDWAI	538	19.258212	79.829109	11.76	IV	AGARGUDA	578	19.359306	79.716998	9.02	IV	KONDAPALLY (N)
499	19.333625	79.649885	6.49	II	CHEDWAI	539	19.252429	79.822747	17.42	IV	AGARGUDA	579	19.373635	79.734571	26.27	V	KONDAPALLY (N)
500	19.320507	79.673749	13.12	II	CHEDWAI	540	19.255800	79.820019	14.45	IV	AGARGUDA	580	19.362457	79.720528	92.75	V	KONDAPALLY (N)
501	19.328397	79.663147	14.88	II	CHEDWAI	541	19.254202	79.822842	5.71	IV	AGARGUDA	581	19.366629	79.725902	45.51	V	KONDAPALLY (N)
502	19.336112	79.651437	9.99	II	CHEDWAI	542	19.257488	79.818523	52.27	V	AGARGUDA	582	19.319945	79.715518	12.30	IV	KONDAPALLY(S)
503	19.325735	79.667865	9.71	II	CHEDWAI	543	19.269018	79.847713	13.38	IV	GUNDEPALLY EAST	583	19.319183	79.725232	34.08	V	KONDAPALLY(S)
504	19.328346	79.657302	8.72	II	CHEDWAI	544	19.282650	79.842317	16.38	IV	GUNDEPALLY EAST	584	19.343686	79.718266	5.42	I	KONDAPALLY WEST
505	19.330105	79.653296	38.67	III	CHEDWAI	545	19.263632	79.863374	17.86	IV	GUNDEPALLY EAST	585	19.346226	79.718429	12.43	II	KONDAPALLY WEST
506	19.366962	79.681328	7.87	IV	CHEDWAI	546	19.268006	79.852299	7.71	IV	GUNDEPALLY EAST	586	19.331701	79.716523	16.84	II	KONDAPALLY WEST
507	19.357503	79.672119	17.47	IV	CHEDWAI	547	19.279372	79.841869	81.89	V	GUNDEPALLY EAST	587	19.340962	79.710874	12.09	II	KONDAPALLY WEST
508	19.332720	79.653890	7.26	IV	CHEDWAI	548	19.275999	79.862016	11.36	II	GUNDEPALLY (N)	588	19.339818	79.714534	8.34	II	KONDAPALLY WEST
509	19.320133	79.664719	16.88	IV	CHEDWAI	549	19.261317	79.880455	9.49	II	GUNDEPALLY (N)	589	19.335281	79.719854	9.36	II	KONDAPALLY WEST
510	19.364999	79.678235	11.27	IV	CHEDWAI	550	19.264839	79.878774	7.18	II	GUNDEPALLY (N)	590	19.338030	79.708691	7.37	IV	KONDAPALLY WEST
511	19.358421	79.685975	13.77	II	DAROGAPALLY	551	19.259705	79.879497	5.78	IV	GUNDEPALLY (N)	591	19.347624	79.711414	10.49	IV	KONDAPALLY WEST
512	19.353916	79.716730	10.64	II	DAROGAPALLY	552	19.263232	79.886654	18.11	IV	GUNDEPALLY (N)	592	19.328358	79.722690	38.42	V	KONDAPALLY WEST
513	19.353071	79.713747	30.15	III	DAROGAPALLY	553	19.283169	79.858644	10.08	IV	GUNDEPALLY (N)	593	19.324488	79.774727	14.39	II	LOADPALLY
514	19.366000	79.696627	11.60	IV	DAROGAPALLY	554	19.275286	79.880278	9.96	IV	GUNDEPALLY (N)	594	19.323092	79.777256	27.31	III	LOADPALLY
515	19.365993	79.694432	8.41	IV	DAROGAPALLY	555	19.277586	79.860727	17.47	IV	GUNDEPALLY (N)	595	19.326592	79.805649	7.47	IV	LOADPALLY
516	19.364691	79.684352	7.89	IV	DAROGAPALLY	556	19.261500	79.878150	40.86	V	GUNDEPALLY (N)	596	19.318827	79.796985	8.72	IV	LOADPALLY
517	19.372015	79.688512	9.82	IV	DAROGAPALLY	557	19.254685	79.852148	23.48	II	GUNDEPALLY WEST	597	19.305451	79.797473	22.82	IV	LOADPALLY
518	19.346474	79.706766	8.49	IV	DAROGAPALLY	558	19.271150	79.835663	22.11	II	GUNDEPALLY WEST	598	19.324132	79.791879	8.49	IV	LOADPALLY
519	19.370376	79.690984	10.31	IV	DAROGAPALLY	559	19.255308	79.838168	10.80	IV	GUNDEPALLY WEST	599	19.306133	79.801575	7.79	IV	LOADPALLY
520	19.365117	79.692618	21.22	IV	DAROGAPALLY	560	19.269454	79.834696	11.47	IV	GUNDEPALLY WEST	600	19.305194	79.782352	22.60	IV	LOADPALLY
521	19.377214	79.684111	5.35	IV	DAROGAPALLY	561	19.256680	79.834002	6.96	IV	GUNDEPALLY WEST	601	19.325118	79.805701	5.61	IV	LOADPALLY
522	19.375331	79.709134	11.24	IV	DAROGAPALLY	562	19.262049	79.852109	18.55	IV	GUNDEPALLY WEST	602	19.307769	79.793709	21.54	IV	LOADPALLY
523	19.373029	79.686812	9.00	IV	DAROGAPALLY	563	19.263931	79.849072	7.39	IV	GUNDEPALLY WEST	603	19.315575	79.775972	15.56	IV	LOADPALLY
524	19.371030	79.693370	14.19	IV	DAROGAPALLY	564	19.272879	79.826005	33.48	V	GUNDEPALLY WEST	604	19.312180	79.806822	11.59	IV	LOADPALLY
525	19.378842	79.688952	8.28	IV	DAROGAPALLY	565	19.265436	79.833876	25.11	V	GUNDEPALLY WEST	605	19.316732	79.802751	15.37	IV	LOADPALLY
526	19.353582	79.718810	6.20	IV	DAROGAPALLY	566	19.245475	79.892645	49.01	V	KAMMERGAON	606	19.320174	79.797190	62.91	V	LOADPALLY
527	19.379460	79.690797	19.50	IV	DAROGAPALLY	567	19.243755	79.902804	15.68	I	MURLIGUDA	607	19.313876	79.774963	35.74	V	LOADPALLY
528	19.345145	79.700922	14.37	IV	DAROGAPALLY	568	19.265733	79.913191	12.17	I	MURLIGUDA	608	19.307754	79.795833	39.15	V	LOADPALLY
529	19.378781	79.695683	28.75	V	DAROGAPALLY	569	19.255330	79.905426	17.13	I	MURLIGUDA	609	19.278639	79.758560	8.11	I	BOMBAIGUDA
530	19.355542	79.694162	49.85	V	DAROGAPALLY	570	19.265871	79.917197	14.39	I	MURLIGUDA	610	19.287905	79.759673	8.81	I	BOMBAIGUDA
531	19.370490	79.705913	58.85	V	DAROGAPALLY	571	19.255959	79.910533	9.50	II	MURLIGUDA	611	19.303156	79.739077	8.11	I	BOMBAIGUDA
532	19.351500	79.719859	28.83	V	DAROGAPALLY	572	19.264816	79.911097	46.06	III	MURLIGUDA	612	19.280939	79.766722	16.71	I	BOMBAIGUDA
533	19.319547	79.730247	11.69	II	POTHAPALLY	573	19.275988	79.899827	30.03	V	MURLIGUDA	613	19.297662	79.742780	8.80	I	BOMBAIGUDA
534	19.346661	79.708923	24.45	IV	POTHAPALLY	574	19.371977	79.729483	18.23	IV	KONDAPALLY(N)	614	19.291299	79.759510	17.72	I	BOMBAIGUDA

List of Proposed PTs – Penchikalpet Range

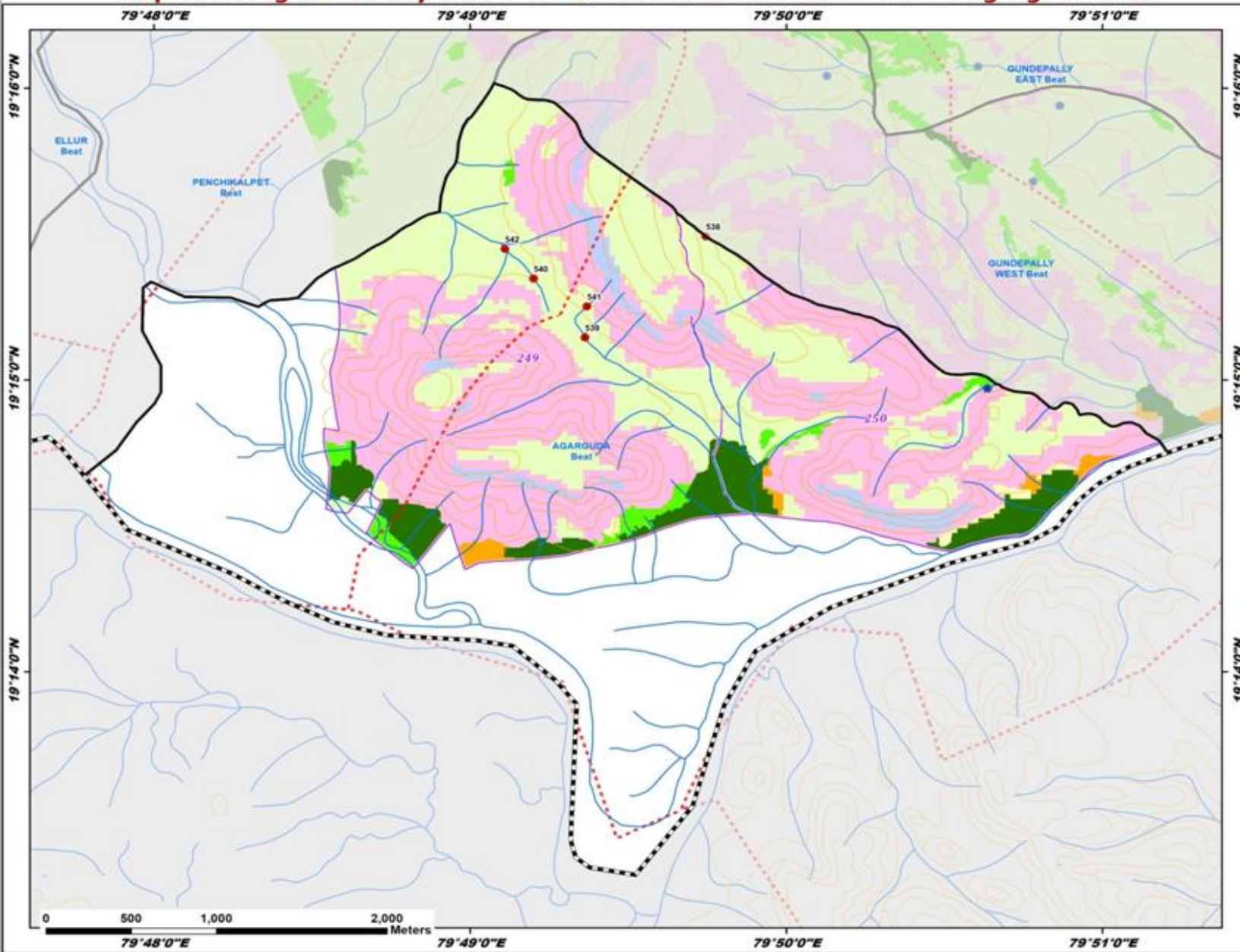
ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat
615	19.304312	79.737670	35.49	II	BOMBAIGUDA
616	19.301329	79.740082	8.82	II	BOMBAIGUDA
617	19.313203	79.740038	6.81	II	BOMBAIGUDA
618	19.301848	79.744266	6.53	II	BOMBAIGUDA
619	19.294882	79.747873	22.71	II	BOMBAIGUDA
620	19.312062	79.735349	39.91	II	BOMBAIGUDA
621	19.295644	79.743425	50.99	IV	BOMBAIGUDA
622	19.289600	79.742936	12.50	IV	BOMBAIGUDA
623	19.289766	79.761381	8.02	IV	BOMBAIGUDA
624	19.284819	79.748234	16.46	IV	BOMBAIGUDA
625	19.306229	79.726856	10.96	IV	BOMBAIGUDA
626	19.307860	79.742078	5.18	IV	BOMBAIGUDA
627	19.310077	79.810483	18.05	II	ELLUR
628	19.310356	79.824928	16.05	IV	ELLUR
629	19.298195	79.814003	5.20	IV	ELLUR
630	19.306073	79.834324	7.46	IV	ELLUR
631	19.314212	79.829771	16.06	IV	ELLUR
632	19.309980	79.812630	23.51	IV	ELLUR
633	19.299129	79.801514	15.77	IV	ELLUR
634	19.296657	79.803099	12.27	IV	ELLUR
635	19.312171	79.827148	10.21	IV	ELLUR
636	19.310141	79.808705	10.27	IV	ELLUR
637	19.307520	79.836348	23.30	IV	ELLUR
638	19.309112	79.814557	14.05	IV	ELLUR
639	19.315981	79.828101	45.03	V	ELLUR
640	19.304121	79.804275	39.10	V	ELLUR
641	19.294927	79.801728	34.99	V	ELLUR
642	19.290381	79.804785	36.52	V	ELLUR
643	19.303808	79.831864	7.07	II	PENCHIKALPET
644	19.291041	79.817295	16.14	IV	PENCHIKALPET
645	19.270463	79.816036	20.58	IV	PENCHIKALPET
646	19.294147	79.834408	18.75	IV	PENCHIKALPET
647	19.273444	79.807996	20.52	IV	PENCHIKALPET
648	19.296984	79.820319	23.09	IV	PENCHIKALPET
649	19.282721	79.824097	7.72	IV	PENCHIKALPET
650	19.271969	79.813957	22.68	IV	PENCHIKALPET
651	19.274810	79.811477	6.21	IV	PENCHIKALPET
652	19.284344	79.825452	7.86	IV	PENCHIKALPET
653	19.290463	79.815233	11.38	IV	PENCHIKALPET
654	19.279852	79.809098	42.46	V	PENCHIKALPET

ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat
655	19.299717	79.835932	33.12	V	PENCHIKALPET
656	19.293048	79.816815	30.97	V	PENCHIKALPET
657	19.306197	79.824625	27.17	V	PENCHIKALPET
658	19.271938	79.809694	26.83	V	PENCHIKALPET
659	19.284590	79.810297	26.48	V	PENCHIKALPET

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



Division : Kaghaznagar
Range : Penchikalpet



ID	Latitude	Longitude	Catchment Area(Ha)	Priority
538	19.258212	79.829109	11.76	IV
539	19.252429	79.822747	17.42	IV
540	19.255800	79.820019	14.45	IV
541	19.254202	79.822842	5.71	IV
542	19.257488	79.818523	52.27	V

Legend

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

Suitability Index

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



79°48'0"E 79°49'0"E 79°50'0"E 79°51'0"E

19°14'0"N

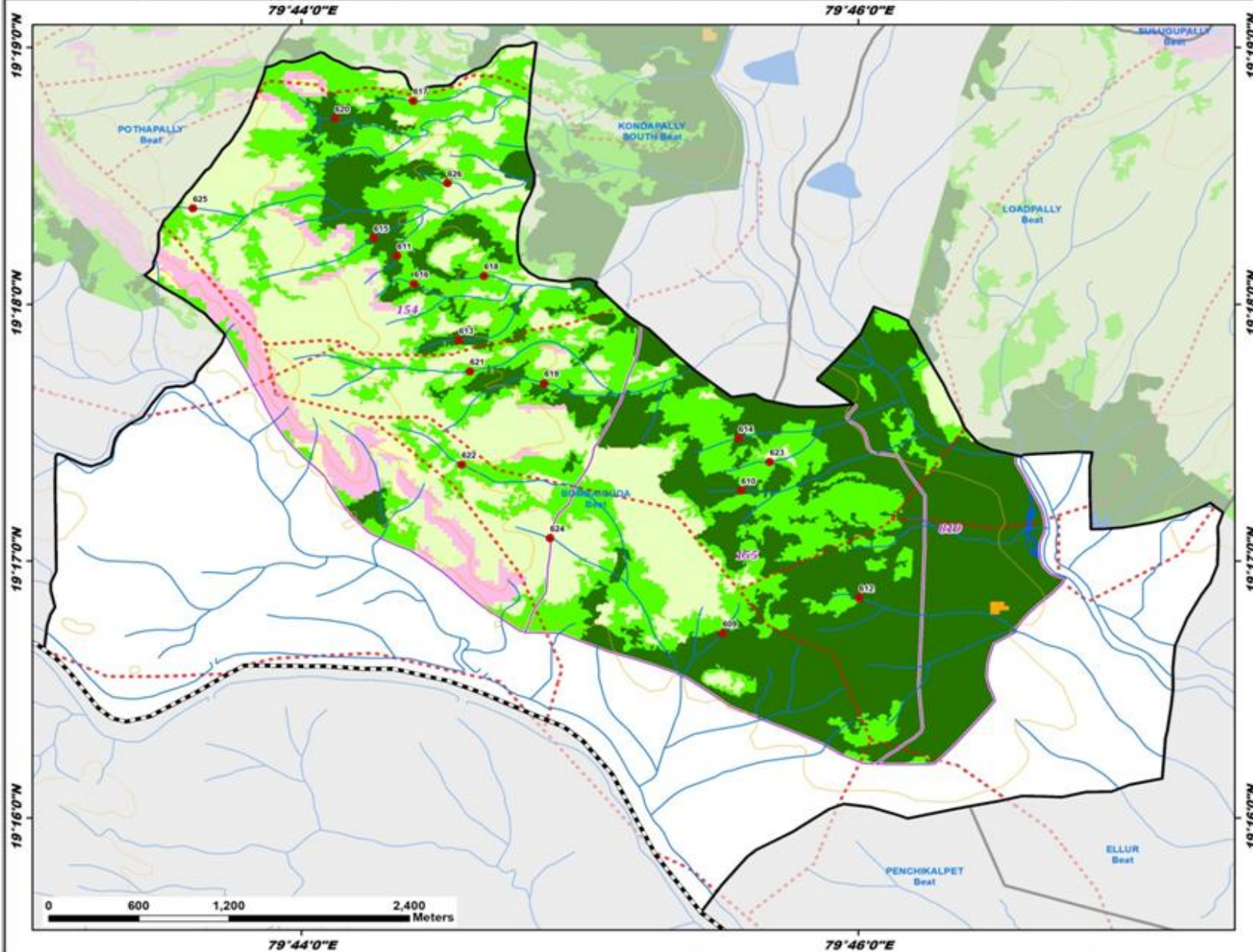
19°15'0"N

19°16'0"N

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



Division : Kaghaznagar
Range : Penchikalpet



ID	Latitude	Longitude	Catchment Area(Ha)	Priority
609	19.278639	79.758560	8.11	I
610	19.287905	79.759673	8.81	I
611	19.303156	79.739077	8.11	I
612	19.280939	79.766722	16.71	I
613	19.297662	79.742780	8.80	I
614	19.291299	79.759510	17.72	I
615	19.304312	79.737670	35.49	II
616	19.301329	79.740082	8.82	II
617	19.313203	79.740038	6.81	II
618	19.301848	79.744266	6.53	II
619	19.294882	79.747873	22.71	II
620	19.312062	79.735349	39.91	II
621	19.295644	79.743425	50.99	IV
622	19.289600	79.742936	12.50	IV
623	19.289766	79.761381	8.02	IV
624	19.284819	79.748234	16.46	IV
625	19.306229	79.726856	10.96	IV
626	19.307860	79.742078	5.18	IV

Legend

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

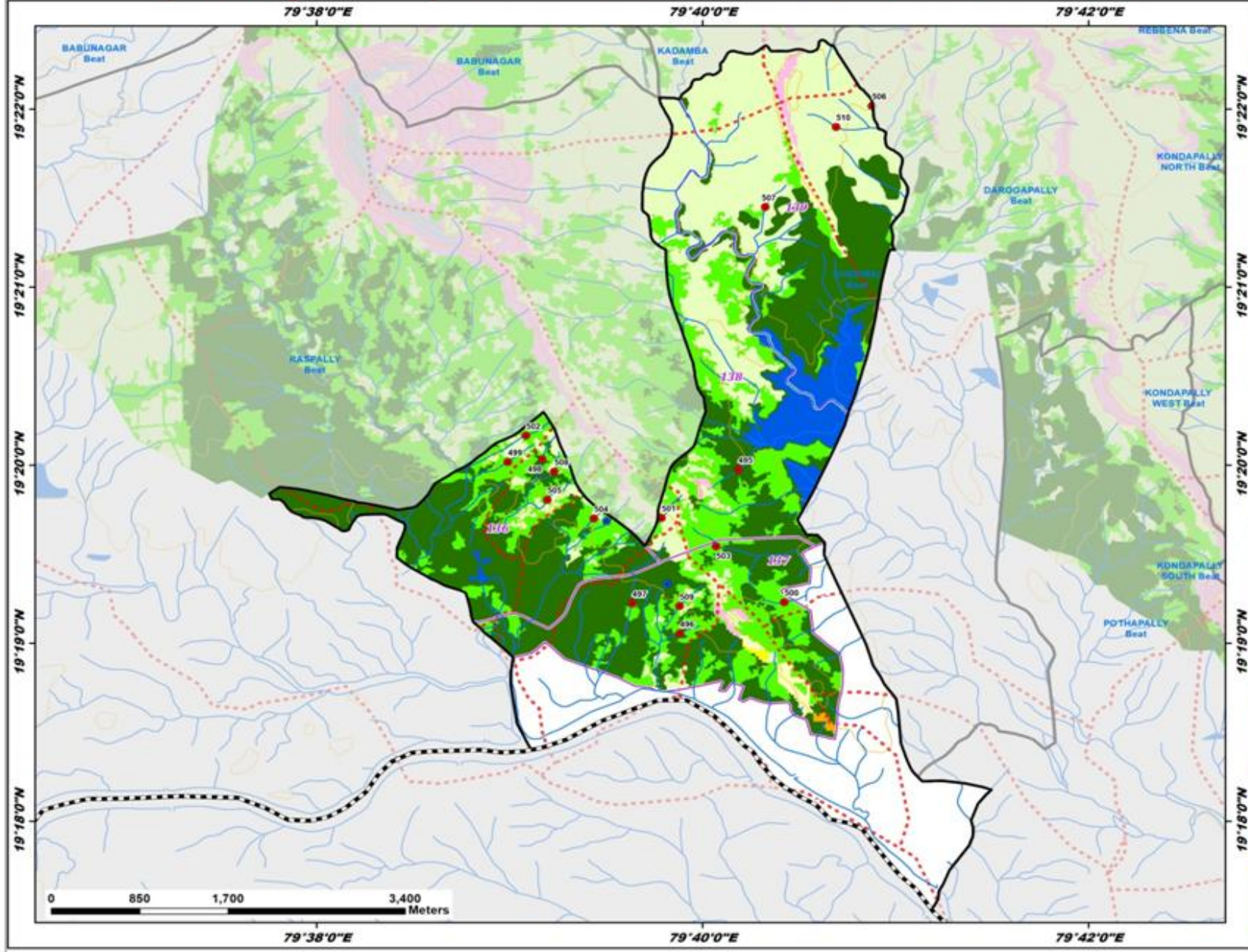
Suitability Index

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

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



Division : Kaghaznagar
Range : Penchikalpet



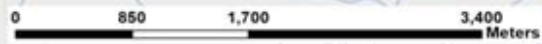
ID	Latitude	Longitude	Catchment Area(Ha)	Priority
495	19.332928	79.669797	10.71	I
496	19.317582	79.664733	12.84	I
497	19.320382	79.660639	20.90	I
498	19.333895	79.652852	10.01	II
499	19.333625	79.649885	6.49	II
500	19.320507	79.673749	13.12	II
501	19.328397	79.663147	14.88	II
502	19.336112	79.651437	9.99	II
503	19.325735	79.667865	9.71	II
504	19.328346	79.657302	8.72	II
505	19.330105	79.653296	38.67	III
506	19.366962	79.681328	7.87	IV
507	19.357503	79.672119	17.47	IV
508	19.332720	79.653890	7.26	IV
509	19.320133	79.664719	16.88	IV
510	19.364999	79.678235	11.27	IV

Legend

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

Suitability Index

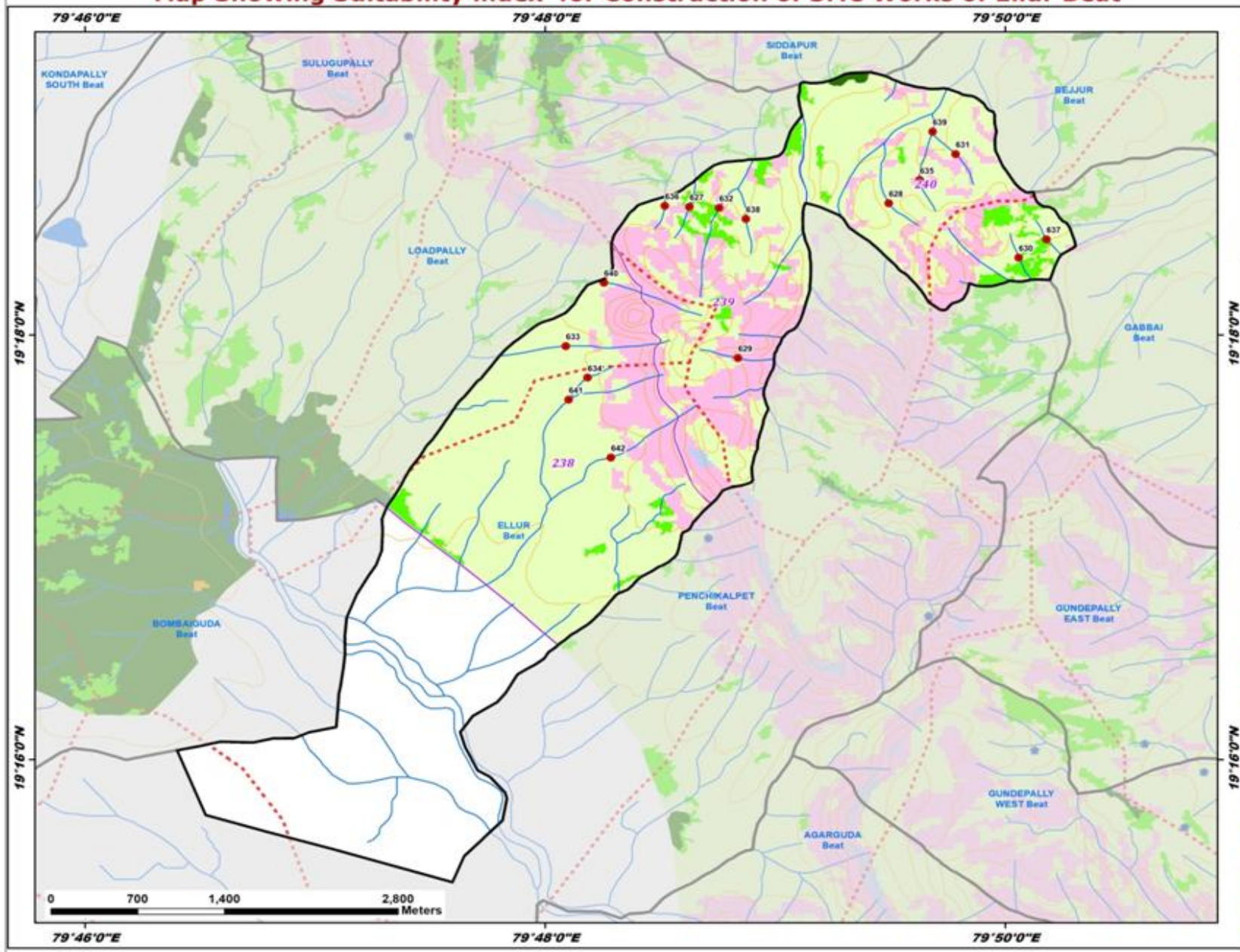
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body



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



Division : Kaghaznagar
Range : PENCHIKALPET



ID	Latitude	Longitude	Catchment Area(Ha)	Priority
627	19.310077	79.810483	18.05	II
628	19.310356	79.824928	16.05	IV
629	19.298195	79.814003	5.20	IV
630	19.306073	79.834324	7.46	IV
631	19.314212	79.829771	16.06	IV
632	19.309980	79.812630	23.51	IV
633	19.299129	79.801514	15.77	IV
634	19.296657	79.803099	12.27	IV
635	19.312171	79.827148	10.21	IV
636	19.310141	79.808705	10.27	IV
637	19.307520	79.836348	23.30	IV
638	19.309112	79.814557	14.05	IV
639	19.315981	79.828101	45.03	V
640	19.304121	79.804275	39.10	V
641	19.294927	79.801728	34.99	V
642	19.290381	79.804785	36.52	V

Legend

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

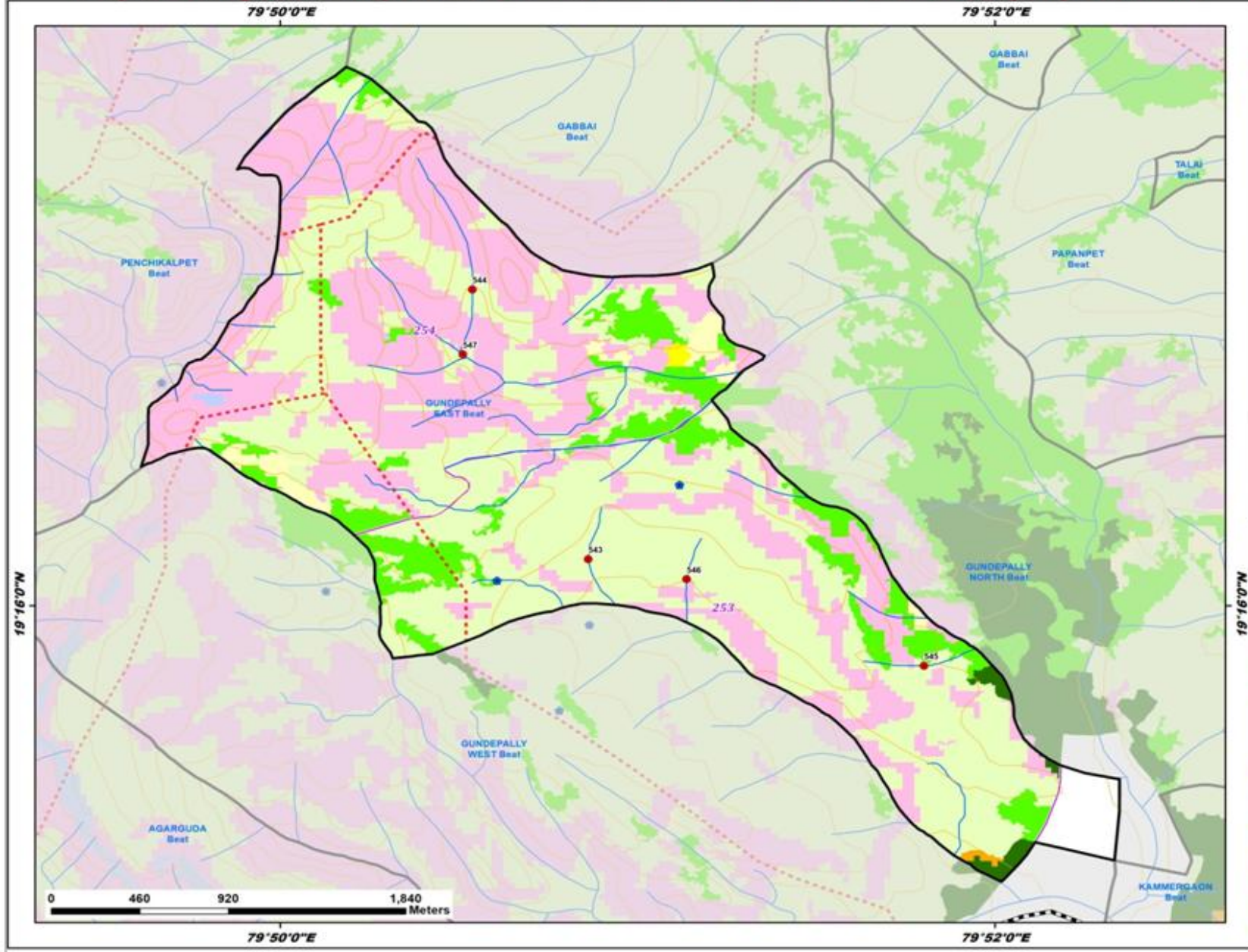
Suitability Index

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

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



Division : Kaghaznagar
Range : Penchikalpet



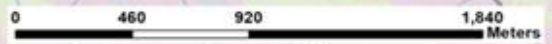
ID	Latitude	Longitude	Catchment Area(Ha)	Priority
543	19.269018	79.847713	13.38	IV
544	19.282650	79.842317	16.38	IV
545	19.263632	79.863374	17.86	IV
546	19.268006	79.852299	7.71	IV
547	19.279372	79.841869	81.89	V

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



79°50'0"E

79°52'0"E

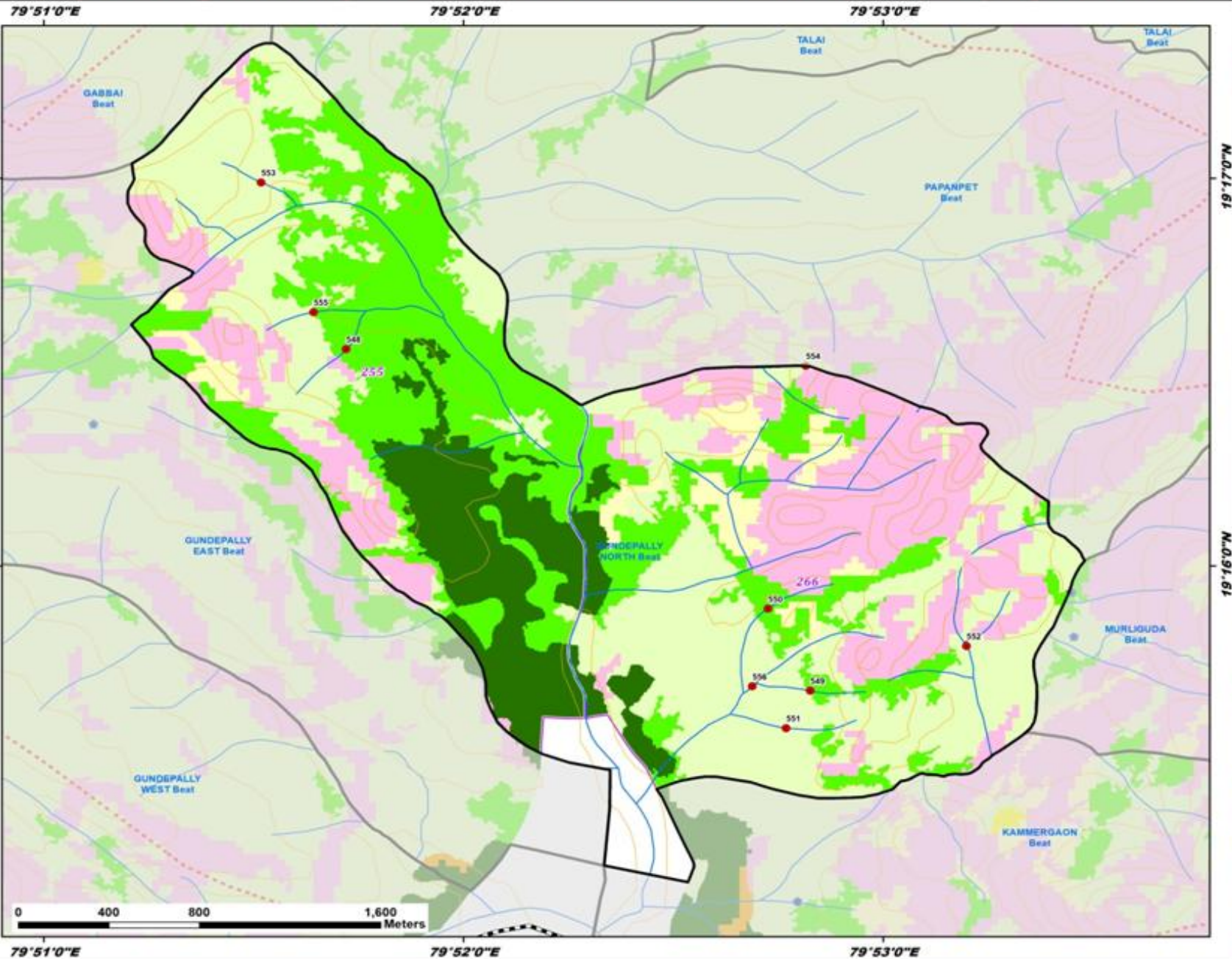
19°16'0"N

19°16'0"N

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



Division : Kaghaznagar
Range : PENCHIKALPET



ID	Latitude	Longitude	Catchment Area(Ha)	Priority
548	19.275999	79.862016	11.36	II
549	19.261317	79.880455	9.49	II
550	19.264839	79.878774	7.18	II
551	19.259705	79.879497	5.78	IV
552	19.263232	79.886654	18.11	IV
553	19.283169	79.858644	10.08	IV
554	19.275286	79.880278	9.96	IV
555	19.277586	79.860727	17.47	IV
556	19.261500	79.878150	40.86	V

Legend

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

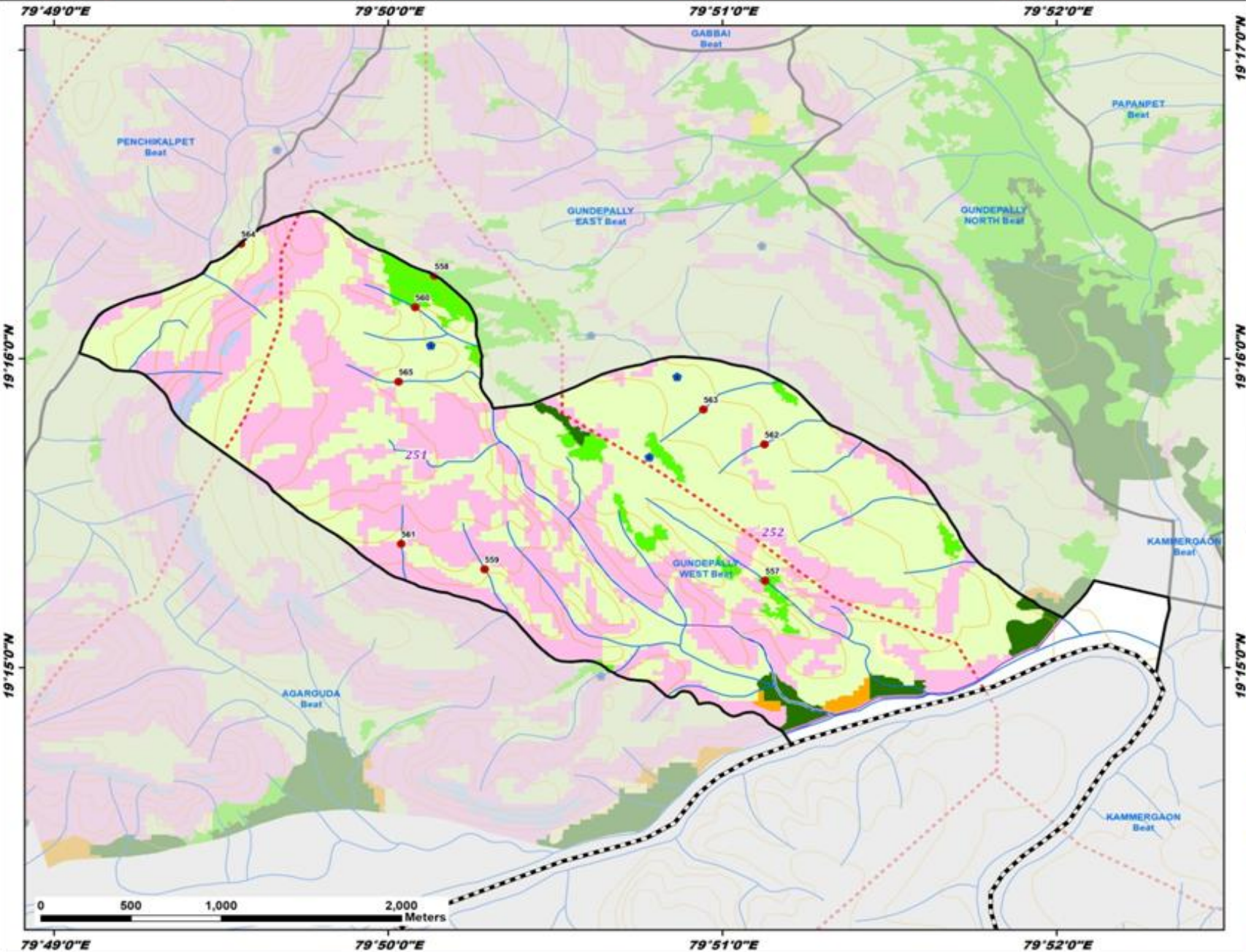
Suitability Index

- 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 Gundepally West Beat



Division : Kaghzanagar
Range : PENCHIKALPET



ID	Latitude	Longitude	Catchment Area(Ha)	Priority
557	19.254685	79.852148	23.48	II
558	19.271150	79.835663	22.11	II
559	19.255308	79.838168	10.80	IV
560	19.269454	79.834696	11.47	IV
561	19.256680	79.834002	6.96	IV
562	19.262049	79.852109	18.55	IV
563	19.263931	79.849072	7.39	IV
564	19.272879	79.826005	33.48	V
565	19.265436	79.833876	25.11	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

79°49'0"E 79°50'0"E 79°51'0"E 79°52'0"E

19°16'0"N

19°15'0"N

19°17'0"N

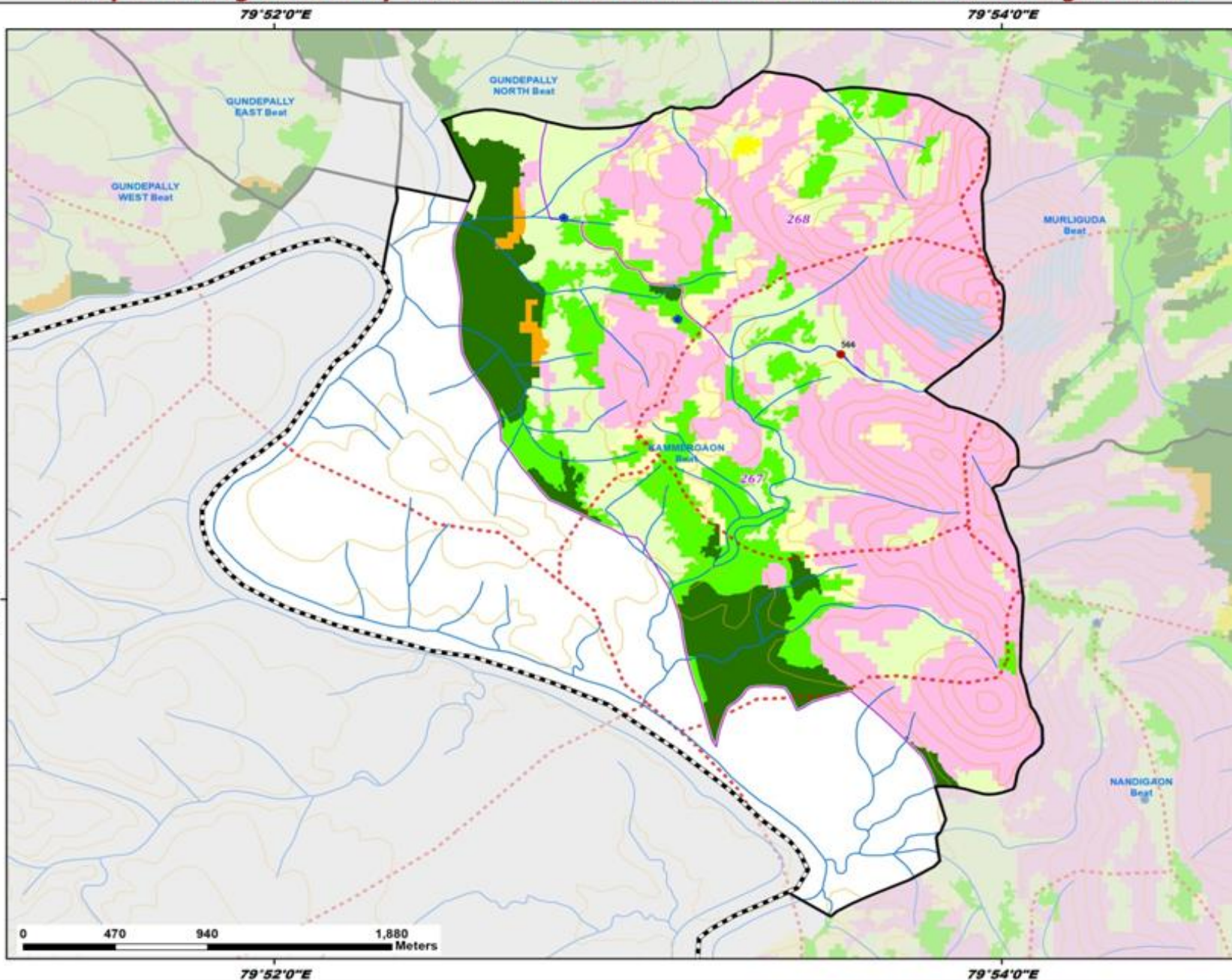
19°16'0"N

19°15'0"N

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



Division : Kaghaznagar
Range : PENCHIKALPET



ID	Latitude	Longitude	Catchment Area(Ha)	Priority
566	19.245475	79.892645	49.01	V

Legend

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

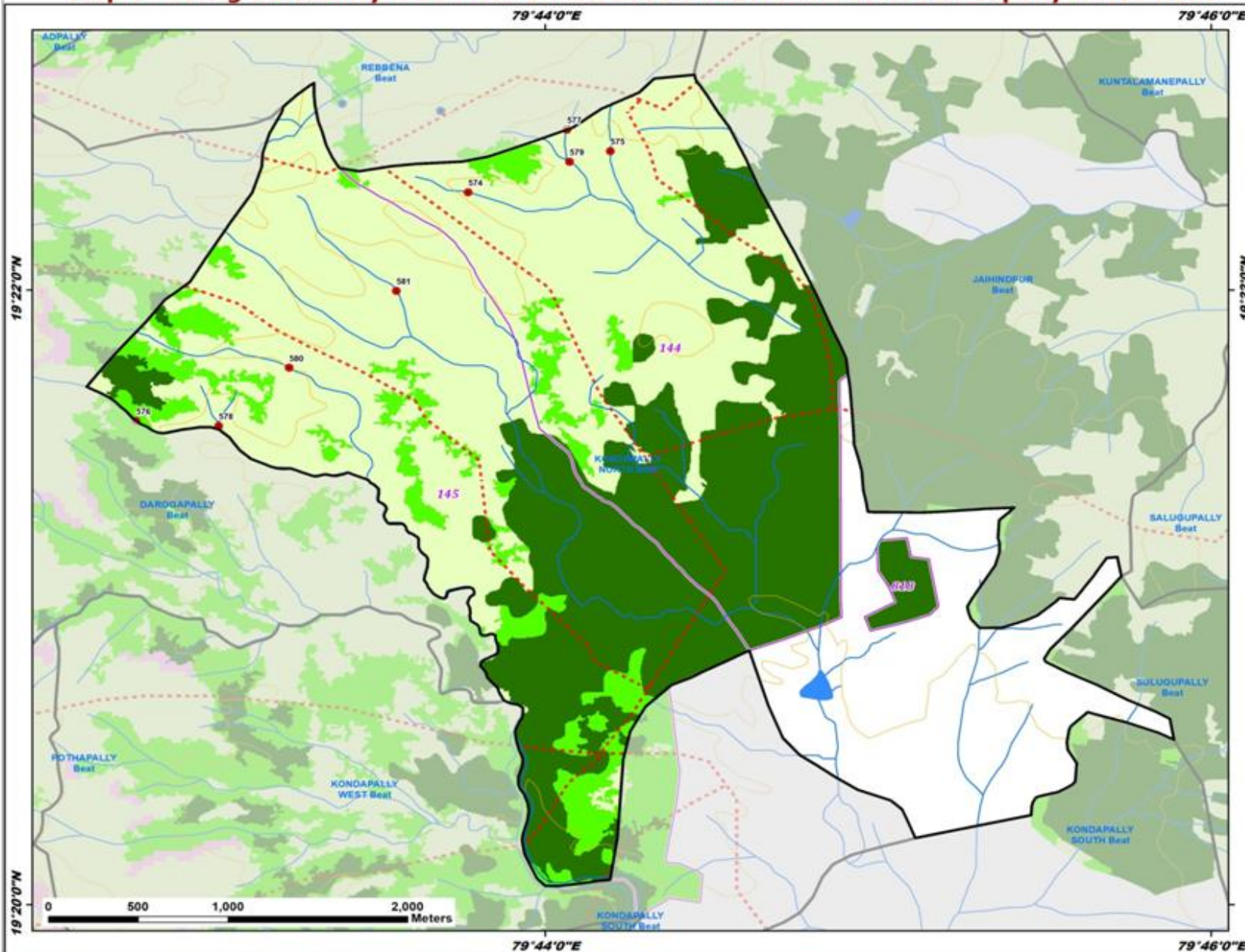
Suitability Index

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

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



Division : Kaghaznagar
Range : PENCHIKALPET



ID	Latitude	Longitude	Catchment Area(Ha)	Priority
574	19.371977	79.729483	18.23	IV
575	19.374216	79.736610	10.39	IV
576	19.359570	79.712866	76.48	IV
577	19.375378	79.734433	6.58	IV
578	19.359306	79.716998	9.02	IV
579	19.373635	79.734571	26.27	V
580	19.362457	79.720528	92.75	V
581	19.366629	79.725902	45.51	V

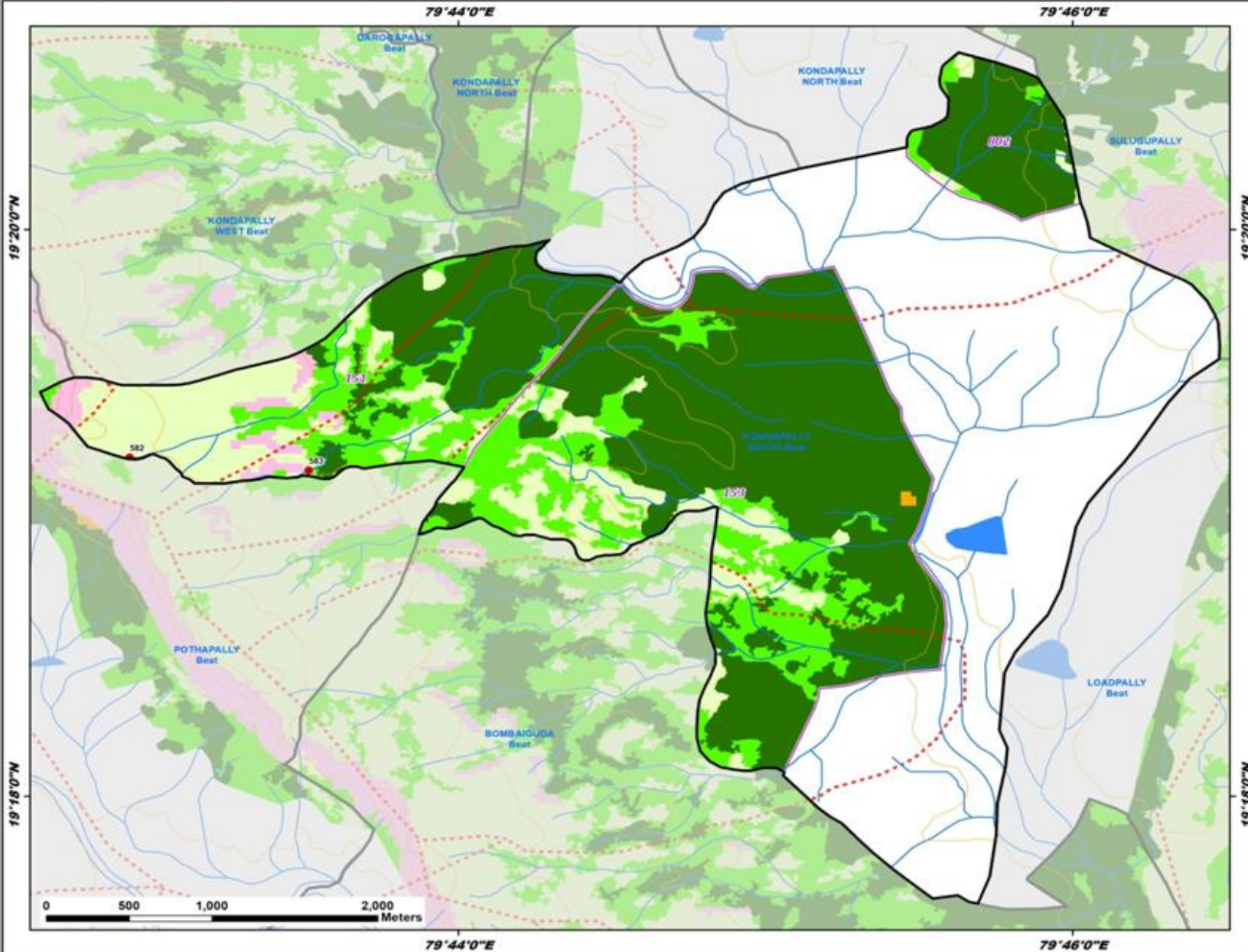
Legend

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

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



Division : Kaghaznagar
Range : PENCHIKALPET



ID	Latitude	Longitude	Catchment Area(Ha)	Priority
582	19.319945	79.715518	12.30	IV
583	19.319183	79.725232	34.08	V

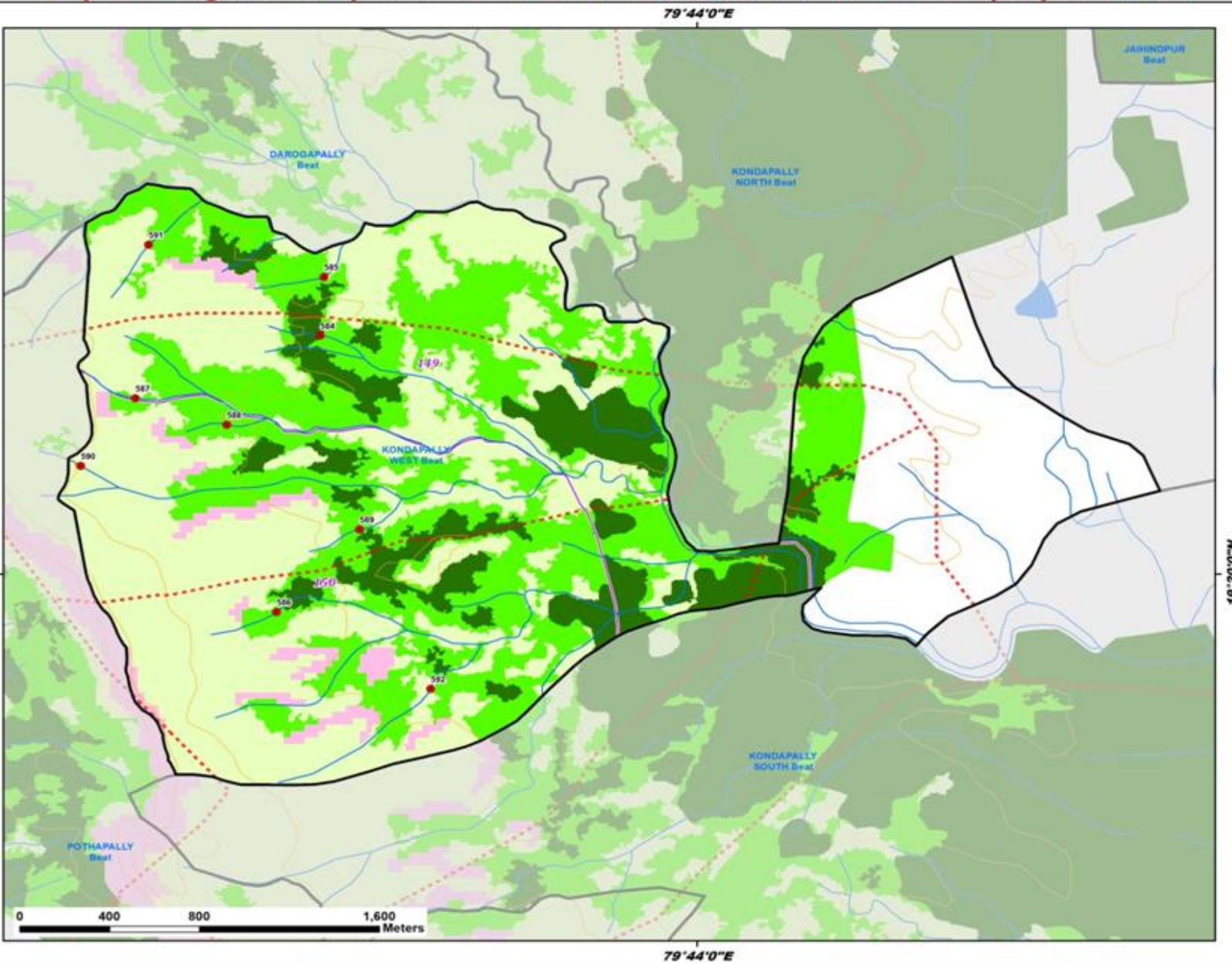
Legend

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

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



Division : Kaghaznagar
Range : Penchikalpet



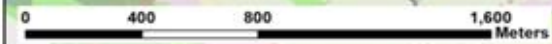
ID	Latitude	Longitude	Catchment Area(Ha)	Priority
584	19.343686	79.718266	5.42	I
585	19.346226	79.718429	12.43	II
586	19.331701	79.716523	16.84	II
587	19.340962	79.710874	12.09	II
588	19.339818	79.714534	8.34	II
589	19.335281	79.719854	9.36	II
590	19.338030	79.708691	7.37	IV
591	19.347624	79.711414	10.49	IV
592	19.328358	79.722690	38.42	V

Legend

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

Suitability Index

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



79°44'0"E

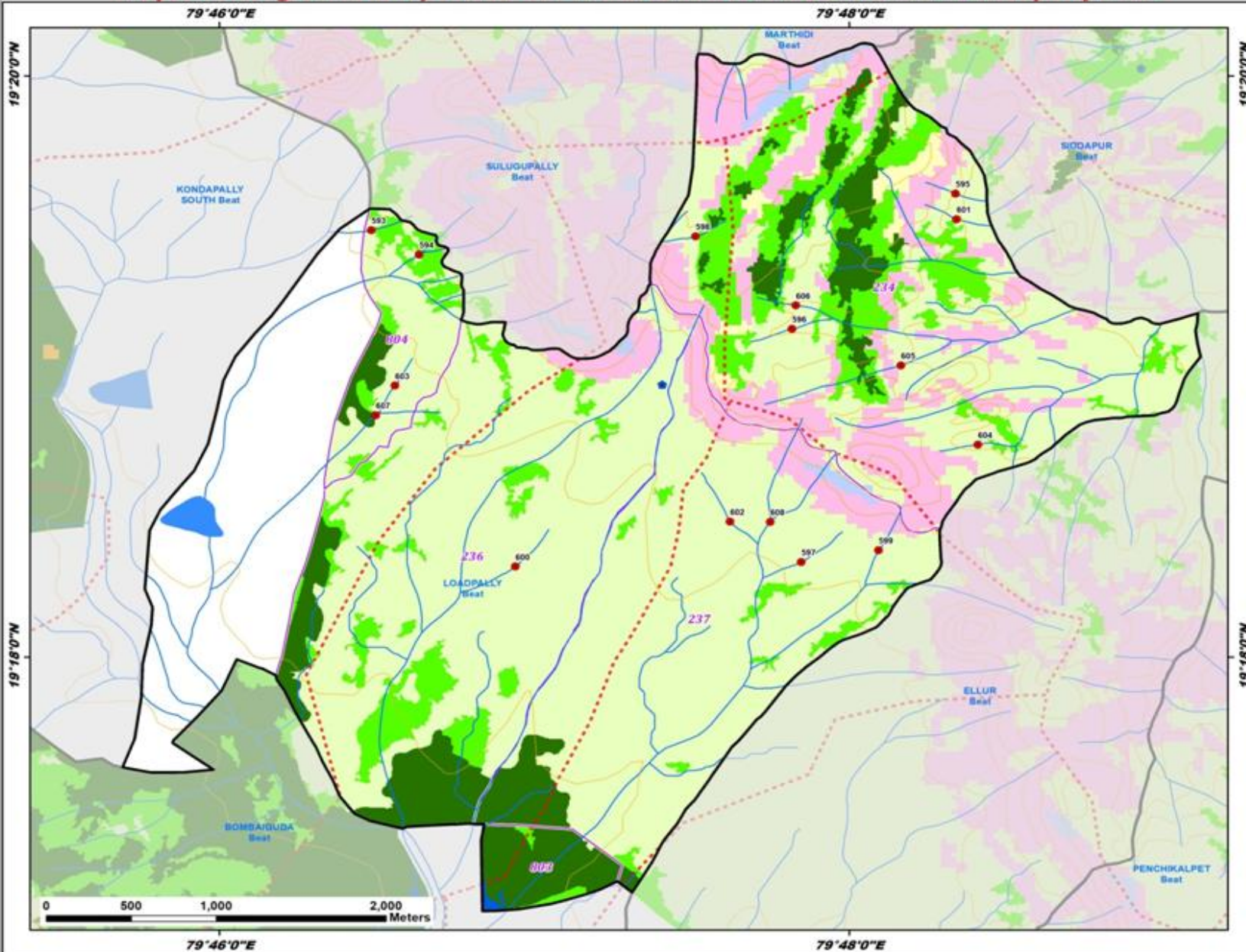
19°20'0"N

19°20'0"N

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



Division : Kaghaznagar
Range : Penchikalpet



ID	Latitude	Longitude	Catchment Area(Ha)	Priority
593	19.324488	79.774727	14.39	II
594	19.323092	79.777256	27.31	III
595	19.326592	79.805649	7.47	IV
596	19.318827	79.796985	8.72	IV
597	19.305451	79.797473	22.82	IV
598	19.324132	79.791879	8.49	IV
599	19.306133	79.801575	7.79	IV
600	19.305194	79.782352	22.60	IV
601	19.325118	79.805701	5.61	IV
602	19.307769	79.793709	21.54	IV
603	19.315575	79.775972	15.56	IV
604	19.312180	79.806822	11.59	IV
605	19.316732	79.802751	15.37	IV
606	19.320174	79.797190	62.91	V
607	19.313876	79.774963	35.74	V
608	19.307754	79.795833	39.15	V

Legend

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

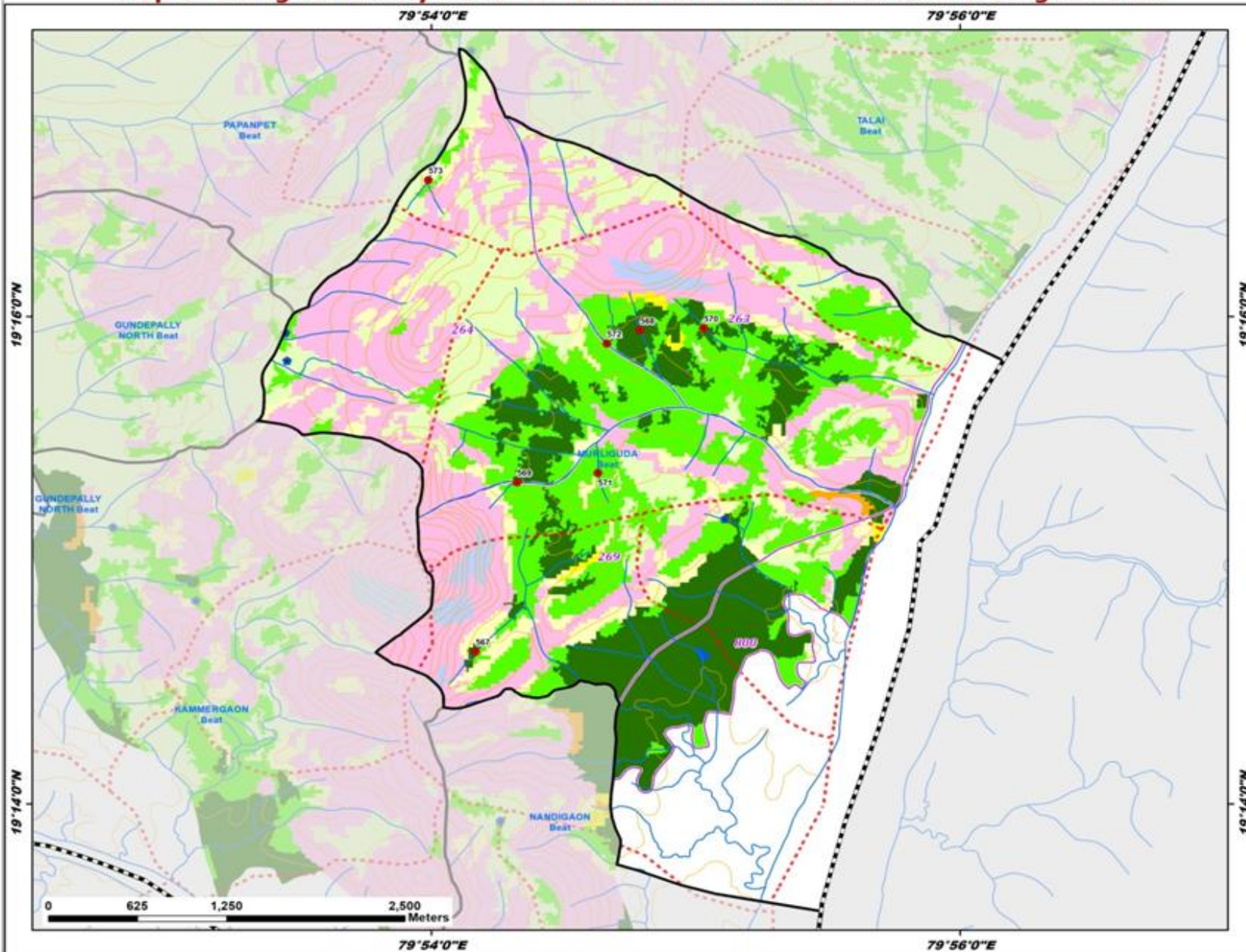
Suitability Index

- 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 Murliguda Beat



Division : Kaghaznagar
Range : Penchikalpet



ID	Latitude	Longitude	Catchment Area(Ha)	Priority
567	19.243755	79.902804	15.68	I
568	19.265733	79.913191	12.17	I
569	19.255330	79.905426	17.13	I
570	19.265871	79.917197	14.39	I
571	19.259959	79.910533	9.50	II
572	19.264816	79.911097	46.06	III
573	19.275988	79.899827	30.03	V

Legend

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

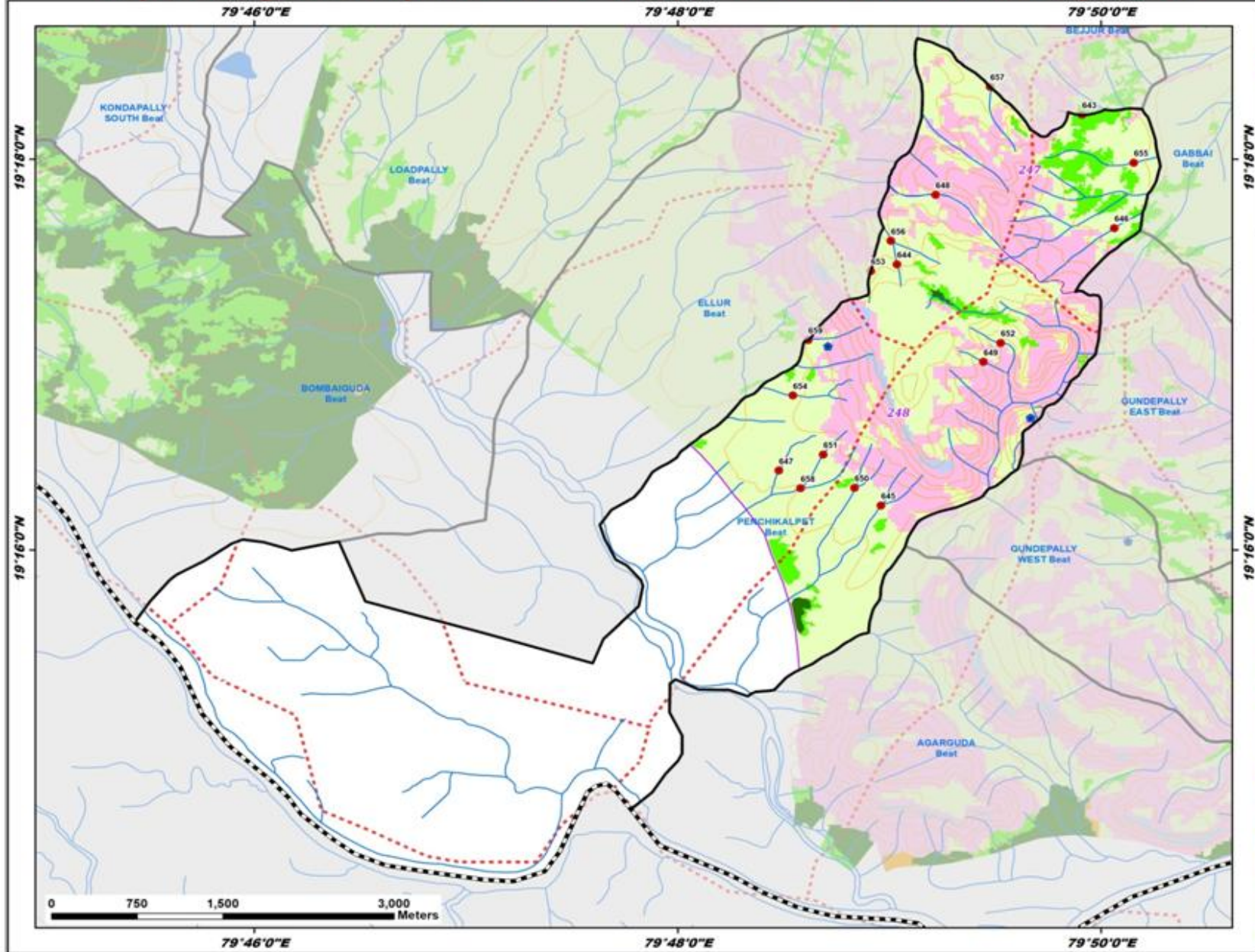
Suitability Index

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

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



Division : Kaghaznagar
Range : Penchikalpet



ID	Latitude	Longitude	Catchment Area(Ha)	Priority
643	19.303808	79.831864	7.07	II
644	19.291041	79.817295	16.14	IV
645	19.270463	79.816036	20.58	IV
646	19.294147	79.834408	18.75	IV
647	19.273444	79.807996	20.52	IV
648	19.296984	79.820319	23.09	IV
649	19.282721	79.824097	7.72	IV
650	19.271969	79.813957	22.68	IV
651	19.274810	79.811477	6.21	IV
652	19.284344	79.825452	7.86	IV
653	19.290463	79.815233	11.38	IV
654	19.279852	79.809098	42.46	V
655	19.299717	79.835932	33.12	V
656	19.293048	79.816815	30.97	V
657	19.306197	79.824625	27.17	V
658	19.271938	79.809694	26.83	V
659	19.284590	79.810297	26.48	V

Legend

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

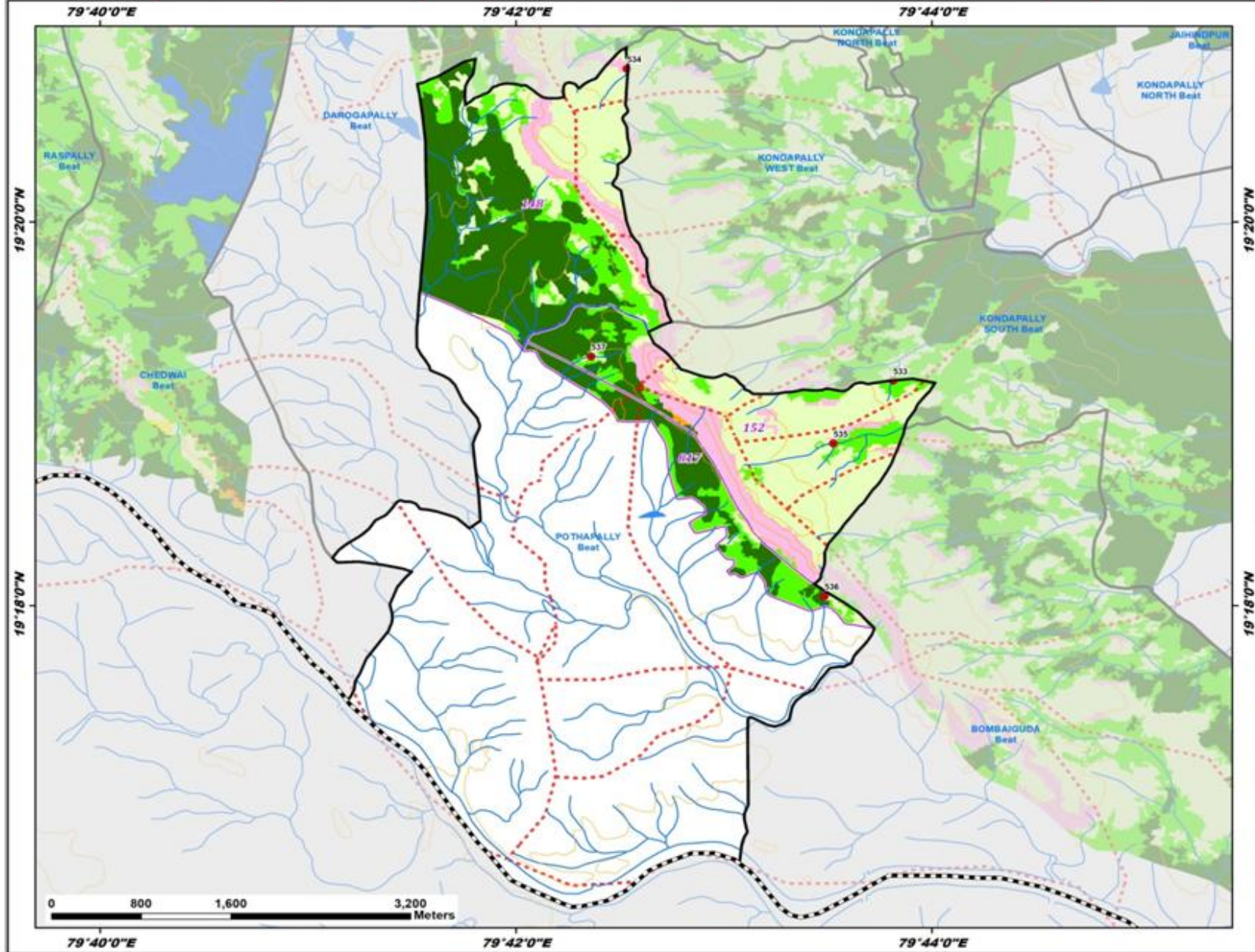
Suitability Index

- 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 Pothapally Beat



Division : Kaghaznagar
Range : Penchikalpet



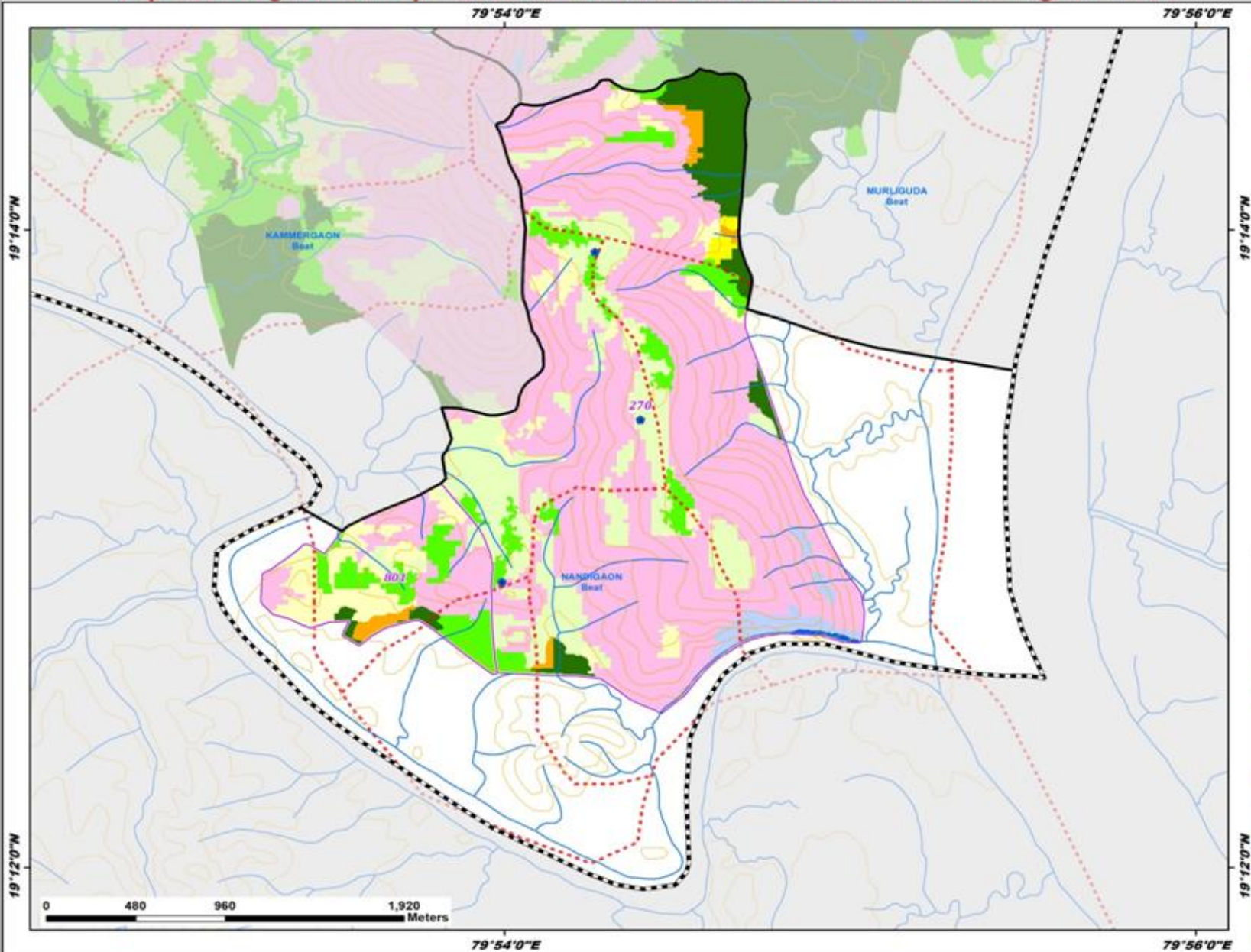
ID	Latitude	Longitude	Catchment Area(Ha)	Priority
533	19.319547	79.730247	11.69	II
534	19.346661	79.708923	24.45	IV
535	19.314095	79.725476	51.82	IV
536	19.300838	79.724754	13.10	IV
537	19.321656	79.706061	13.04	IV

- 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 Nandigaon Beat



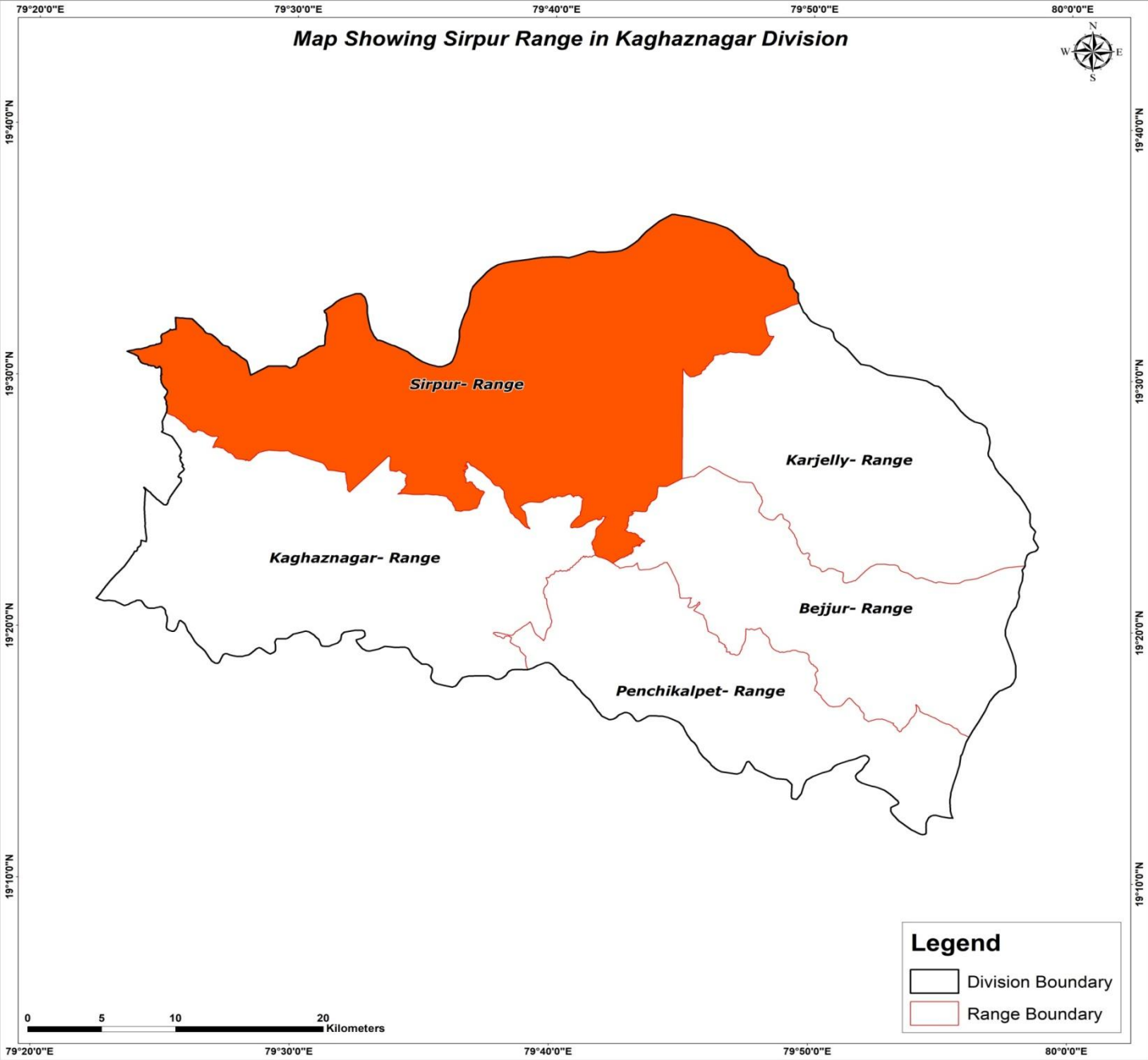
Division : Kaghaznagar
Range : PENCHIKALPET



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

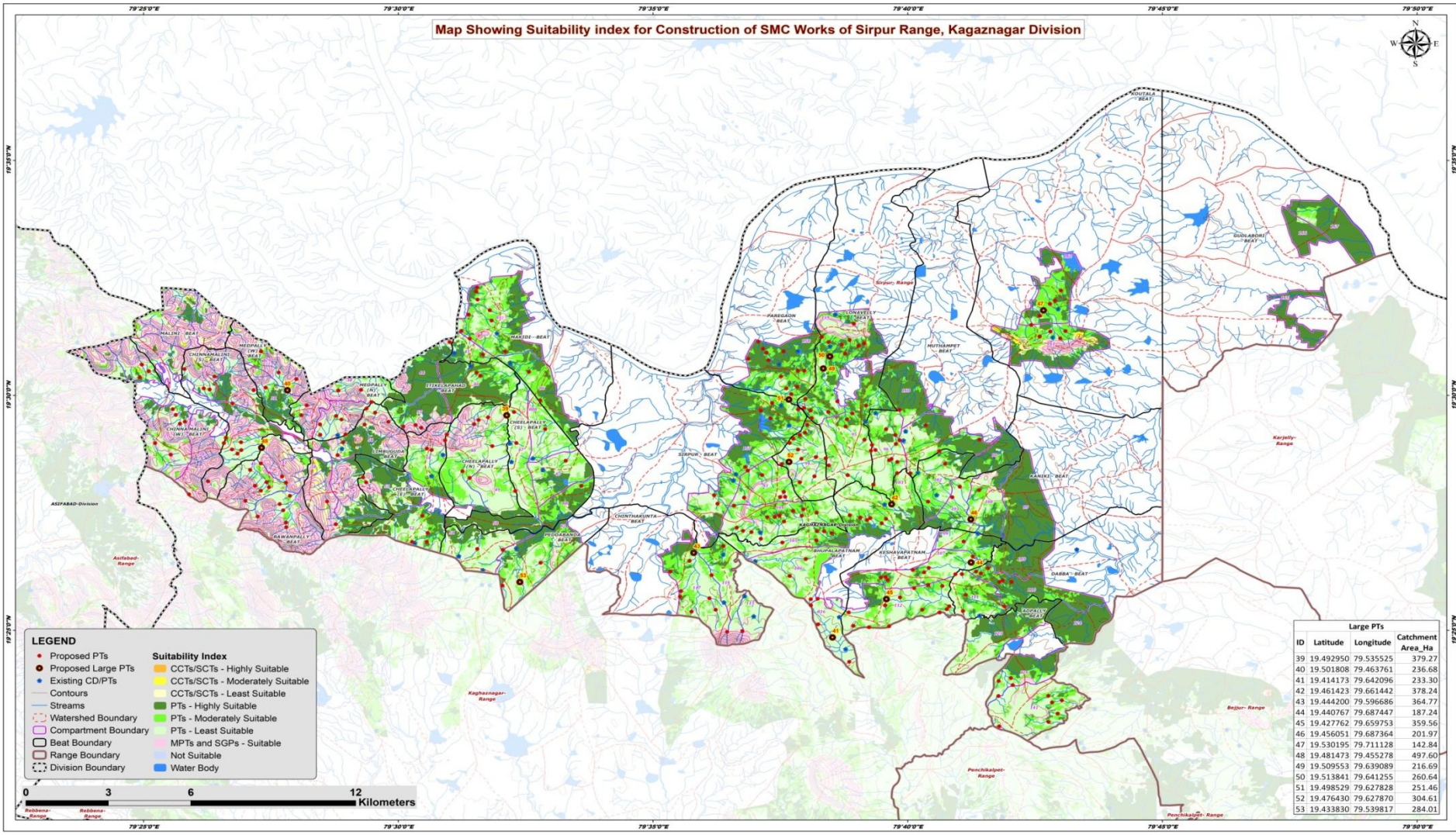
Map Showing Sirpur Range in Kaghaznagar Division



Legend

- Division Boundary
- Range Boundary

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

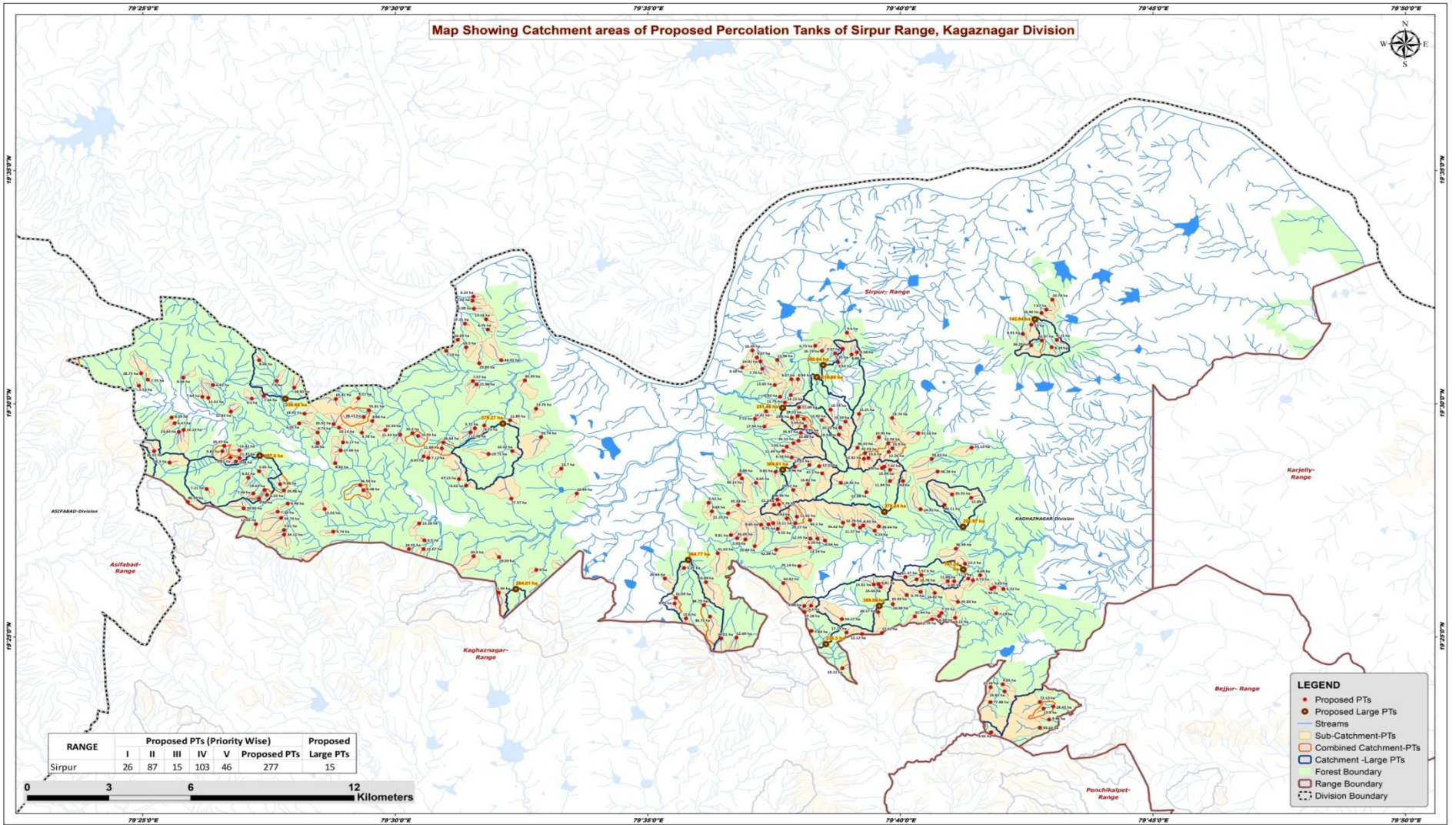


- LEGEND**
- Proposed PTs
 - Proposed Large PTs
 - Existing CD/PTs
 - Contours
 - Streams
 - Watershed Boundary
 - Compartment Boundary
 - Beat Boundary
 - Range Boundary
 - Division Boundary
 - CCTs/SCTs - Highly Suitable
 - CCTs/SCTs - Moderately Suitable
 - CCTs/SCTs - Least Suitable
 - PTs - Highly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

Large PTs			
ID	Latitude	Longitude	Catchment Area_Ha
39	19.492950	79.535252	379.27
40	19.501808	79.463761	236.68
41	19.414173	79.642096	233.30
42	19.461423	79.661442	378.24
43	19.444200	79.596686	364.77
44	19.440767	79.687447	187.24
45	19.427762	79.659753	359.56
46	19.456051	79.687364	201.97
47	19.530195	79.711128	142.84
48	19.481473	79.455278	497.60
49	19.509553	79.639089	216.69
50	19.513841	79.641255	260.64
51	19.498529	79.627828	251.46
52	19.476430	79.627870	304.61
53	19.433830	79.539817	284.01

0 3 6 12 Kilometers

Map Showing Catchment areas of Proposed Percolation Tanks of Sirpur Range, Kagaznagar Division



Beat wise Abstract of Proposed PT's – Sirpur Range

S. No.	Beat	Proposed PT's
1	ADPALLY	10
2	BHUPALAPATNAM	18
3	CHEELAPALLY EAST	9
4	CHEELAPALLY NORTH	8
5	CHEELAPALLY-SOUTH	5
6	CHINNA MALINI WEST	10
7	CHINNAMALINI SOUTH	13
8	CHINTHAKUNTA	11
9	DABBA	10
10	ITIKELAPAHAD	6
11	KANIKI	5
12	KESHAVAPATNAM	22
13	KOUTALA	9
14	LIMBUGUDA	9
15	LONAVELLY	24
16	MAKIDI	12
17	MEDPALLY NORTH	9
18	MEDPALLY WEST	4
19	MUTHAMPET	14
20	PAREGAON	24
21	PEDDABANDA	4
22	RAWANPALLY	15
23	SIRPUR	26
	Total	277

List of Proposed PTs – Sirpur 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
660	19.476835	79.554814	16.70	II	CHEELAPALLY-S	700	19.435947	79.628101	64.82	V	BHUPALAPATNAM	740	19.399786	79.700468	9.05	II	ADPALLY
661	19.494124	79.537926	11.89	II	CHEELAPALLY-S	701	19.456725	79.651248	32.76	V	BHUPALAPATNAM	741	19.387189	79.715764	9.96	IV	ADPALLY
662	19.467951	79.559932	10.44	II	CHEELAPALLY-S	702	19.447851	79.625714	42.04	V	BHUPALAPATNAM	742	19.397284	79.701101	14.83	IV	ADPALLY
663	19.483133	79.538681	10.32	IV	CHEELAPALLY-S	703	19.441985	79.633340	25.14	V	BHUPALAPATNAM	743	19.382655	79.696667	9.43	IV	ADPALLY
664	19.488090	79.548122	76.74	V	CHEELAPALLY-S	704	19.425573	79.635034	47.28	V	BHUPALAPATNAM	744	19.384228	79.712788	93.24	IV	ADPALLY
665	19.489682	79.489006	9.78	II	LIMBUGUDA	705	19.441337	79.595325	5.27	II	CHINTHAKUNTA	745	19.391868	79.717162	28.65	V	ADPALLY
666	19.462396	79.476745	15.03	IV	LIMBUGUDA	706	19.437571	79.589017	20.63	II	CHINTHAKUNTA	746	19.393403	79.696389	77.88	V	ADPALLY
667	19.490655	79.496797	10.34	IV	LIMBUGUDA	707	19.428669	79.592190	9.79	II	CHINTHAKUNTA	747	19.393473	79.712732	72.13	V	ADPALLY
668	19.483353	79.481967	17.06	IV	LIMBUGUDA	708	19.446610	79.606432	41.63	III	CHINTHAKUNTA	748	19.433850	79.700704	6.32	I	DABBA
669	19.478810	79.480191	8.83	IV	LIMBUGUDA	709	19.416477	79.612619	12.69	IV	CHINTHAKUNTA	749	19.438749	79.693070	9.09	I	DABBA
670	19.454326	79.479598	9.74	IV	LIMBUGUDA	710	19.423307	79.595977	12.60	IV	CHINTHAKUNTA	750	19.434407	79.697728	5.03	I	DABBA
671	19.493908	79.492470	8.66	IV	LIMBUGUDA	711	19.416154	79.607623	24.01	IV	CHINTHAKUNTA	751	19.425183	79.698336	7.19	II	DABBA
672	19.497682	79.491302	55.81	V	LIMBUGUDA	712	19.430639	79.592556	31.59	V	CHINTHAKUNTA	752	19.436920	79.690642	9.73	II	DABBA
673	19.495346	79.489634	38.15	V	LIMBUGUDA	713	19.424007	79.603900	38.75	V	CHINTHAKUNTA	753	19.423523	79.684779	9.22	II	DABBA
674	19.492735	79.479713	20.92	IV	MEDPALLY NORTH	714	19.436282	79.602540	53.89	V	CHINTHAKUNTA	754	19.437541	79.689108	11.50	II	DABBA
675	19.486050	79.474489	5.56	IV	MEDPALLY NORTH	715	19.428059	79.601824	86.79	V	CHINTHAKUNTA	755	19.433868	79.696688	5.94	II	DABBA
676	19.486219	79.482769	6.17	IV	MEDPALLY NORTH	716	19.434589	79.660171	14.44	I	KESHAVAPATNAM	756	19.429253	79.685710	35.84	III	DABBA
677	19.489749	79.474408	9.74	IV	MEDPALLY NORTH	717	19.435453	79.657952	15.81	I	KESHAVAPATNAM	757	19.436627	79.684445	6.95	IV	DABBA
678	19.491476	79.481465	10.14	IV	MEDPALLY NORTH	718	19.437294	79.672092	10.78	II	KESHAVAPATNAM	758	19.466417	79.690069	13.89	I	KANIKI
679	19.501990	79.487864	9.21	IV	MEDPALLY NORTH	719	19.432823	79.673418	9.79	II	KESHAVAPATNAM	759	19.462347	79.673384	24.91	II	KANIKI
680	19.496484	79.470073	18.92	IV	MEDPALLY NORTH	720	19.428398	79.664191	16.48	II	KESHAVAPATNAM	760	19.475757	79.679004	36.26	III	KANIKI
681	19.493007	79.468309	6.05	IV	MEDPALLY NORTH	721	19.442886	79.688012	13.40	II	KESHAVAPATNAM	761	19.467620	79.683767	33.55	V	KANIKI
682	19.501729	79.480415	65.91	V	MEDPALLY NORTH	722	19.435643	79.659479	8.81	II	KESHAVAPATNAM	762	19.463901	79.681303	30.11	V	KANIKI
683	19.515601	79.455115	8.44	II	MEDPALLY WEST	723	19.425232	79.680297	7.15	II	KESHAVAPATNAM	763	19.533659	79.714848	7.67	II	KOUTALA
684	19.508129	79.460886	7.40	IV	MEDPALLY WEST	724	19.438111	79.668362	11.37	II	KESHAVAPATNAM	764	19.532473	79.713260	16.46	II	KOUTALA
685	19.502758	79.456615	7.34	IV	MEDPALLY WEST	725	19.418144	79.660596	17.02	II	KESHAVAPATNAM	765	19.537228	79.716862	10.78	II	KOUTALA
686	19.505776	79.466683	18.82	IV	MEDPALLY WEST	726	19.448235	79.685021	36.49	III	KESHAVAPATNAM	766	19.522851	79.718343	7.15	II	KOUTALA
687	19.451152	79.641856	6.04	I	BHUPALAPATNAM	727	19.431674	79.668796	33.49	III	KESHAVAPATNAM	767	19.520230	79.716606	8.39	II	KOUTALA
688	19.451823	79.639355	6.26	II	BHUPALAPATNAM	728	19.424015	79.671468	31.44	III	KESHAVAPATNAM	768	19.520886	79.709872	26.25	III	KOUTALA
689	19.451816	79.637003	12.55	II	BHUPALAPATNAM	729	19.424195	79.679508	6.38	IV	KESHAVAPATNAM	769	19.524995	79.707131	8.91	IV	KOUTALA
690	19.448618	79.636805	13.19	II	BHUPALAPATNAM	730	19.423064	79.647397	54.17	IV	KESHAVAPATNAM	770	19.528288	79.709922	23.00	IV	KOUTALA
691	19.456252	79.659637	38.64	III	BHUPALAPATNAM	731	19.417786	79.654056	12.12	IV	KESHAVAPATNAM	771	19.522680	79.713376	42.47	V	KOUTALA
692	19.427750	79.634997	9.86	IV	BHUPALAPATNAM	732	19.418287	79.648912	17.19	IV	KESHAVAPATNAM	772	19.451226	79.509651	6.50	II	CHEELAPALLY EAST
693	19.456489	79.654443	8.92	IV	BHUPALAPATNAM	733	19.436620	79.682297	11.89	IV	KESHAVAPATNAM	773	19.481196	79.509408	6.05	II	CHEELAPALLY EAST
694	19.454670	79.658200	9.23	IV	BHUPALAPATNAM	734	19.423025	79.677171	12.79	IV	KESHAVAPATNAM	774	19.469142	79.489519	8.48	II	CHEELAPALLY EAST
695	19.405524	79.647593	19.11	IV	BHUPALAPATNAM	735	19.432404	79.678059	16.82	IV	KESHAVAPATNAM	775	19.457284	79.507899	13.28	II	CHEELAPALLY EAST
696	19.418842	79.637386	7.83	IV	BHUPALAPATNAM	736	19.438820	79.673605	57.50	V	KESHAVAPATNAM	776	19.448103	79.509362	12.07	IV	CHEELAPALLY EAST
697	19.427894	79.637248	9.50	IV	BHUPALAPATNAM	737	19.425600	79.659344	26.17	V	KESHAVAPATNAM	777	19.448074	79.504569	10.55	IV	CHEELAPALLY EAST
698	19.455788	79.653379	11.37	IV	BHUPALAPATNAM	738	19.398740	79.696489	10.26	II	ADPALLY	778	19.480666	79.510912	7.12	IV	CHEELAPALLY EAST
699	19.457495	79.647802	54.62	IV	BHUPALAPATNAM	739	19.391124	79.713942	13.80	II	ADPALLY	779	19.486187	79.515895	26.64	V	CHEELAPALLY EAST

List of Proposed PTs – Sirpur 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
780	19.470947	79.488508	36.54	V	CHEELAPALLY (E)	820	19.483389	79.448593	13.42	IV	CHINNAMALINI (S)	860	19.494158	79.640732	12.93	II	LONAVELLY
781	19.470772	79.523420	8.63	II	CHEELAPALLY (N)	821	19.501855	79.452701	9.10	IV	CHINNAMALINI (S)	861	19.494613	79.634864	5.05	II	LONAVELLY
782	19.484087	79.515378	11.89	IV	CHEELAPALLY (N)	822	19.480841	79.445611	6.61	IV	CHINNAMALINI (S)	862	19.484308	79.652559	36.33	III	LONAVELLY
783	19.482038	79.530784	19.71	IV	CHEELAPALLY (N)	823	19.506690	79.439895	6.43	IV	CHINNAMALINI (S)	863	19.468410	79.655487	22.98	IV	LONAVELLY
784	19.491259	79.526304	5.72	IV	CHEELAPALLY (N)	824	19.469567	79.437793	7.21	IV	CHINNAMALINI (S)	864	19.480390	79.654682	12.82	IV	LONAVELLY
785	19.489827	79.524844	11.08	IV	CHEELAPALLY (N)	825	19.502509	79.436376	7.64	IV	CHINNAMALINI (S)	865	19.497915	79.643697	10.74	IV	LONAVELLY
786	19.492255	79.529433	9.53	IV	CHEELAPALLY (N)	826	19.480611	79.448670	21.35	IV	CHINNAMALINI (S)	866	19.495603	79.632801	28.13	V	LONAVELLY
787	19.466101	79.538331	77.57	V	CHEELAPALLY (N)	827	19.509363	79.430105	8.66	IV	CHINNAMALINI (S)	867	19.475171	79.640900	47.10	V	LONAVELLY
788	19.473098	79.521062	47.15	V	CHEELAPALLY (N)	828	19.483074	79.442942	9.82	IV	CHINNAMALINI (S)	868	19.482442	79.655027	42.03	V	LONAVELLY
789	19.506962	79.526852	15.98	II	ITIKELAPAHAD	829	19.484969	79.443617	25.07	V	CHINNAMALINI (S)	869	19.484338	79.690199	23.13	I	MUTHAMPET
790	19.508127	79.525639	7.07	II	ITIKELAPAHAD	830	19.467438	79.457734	6.03	IV	RAWANPALLY	870	19.494901	79.663984	19.74	I	MUTHAMPET
791	19.488989	79.501628	11.43	II	ITIKELAPAHAD	831	19.469229	79.456978	19.63	IV	RAWANPALLY	871	19.476438	79.663335	15.99	II	MUTHAMPET
792	19.518900	79.516869	7.23	IV	ITIKELAPAHAD	832	19.457037	79.454051	12.56	IV	RAWANPALLY	872	19.484122	79.664079	10.90	II	MUTHAMPET
793	19.488539	79.507563	10.55	IV	ITIKELAPAHAD	833	19.467990	79.453190	7.94	IV	RAWANPALLY	873	19.488022	79.659618	10.95	II	MUTHAMPET
794	19.489518	79.505708	32.30	V	ITIKELAPAHAD	834	19.462650	79.450016	20.85	IV	RAWANPALLY	874	19.482837	79.662843	12.26	II	MUTHAMPET
795	19.528645	79.523014	17.31	I	MAKIDI	835	19.475913	79.455058	5.95	IV	RAWANPALLY	875	19.477506	79.661396	7.42	II	MUTHAMPET
796	19.536836	79.525514	11.92	I	MAKIDI	836	19.454909	79.463299	5.21	IV	RAWANPALLY	876	19.480281	79.677077	33.63	III	MUTHAMPET
797	19.514483	79.527730	29.89	II	MAKIDI	837	19.471284	79.462035	9.48	IV	RAWANPALLY	877	19.489462	79.672615	31.16	III	MUTHAMPET
798	19.538308	79.525797	6.23	II	MAKIDI	838	19.464383	79.464575	6.98	IV	RAWANPALLY	878	19.477036	79.660639	8.50	IV	MUTHAMPET
799	19.498258	79.546493	13.76	II	MAKIDI	839	19.461469	79.461229	7.39	IV	RAWANPALLY	879	19.472430	79.663284	11.84	IV	MUTHAMPET
800	19.526575	79.530553	6.76	II	MAKIDI	840	19.466208	79.455075	5.34	IV	RAWANPALLY	880	19.480647	79.656157	13.60	IV	MUTHAMPET
801	19.533999	79.526003	16.08	II	MAKIDI	841	19.473614	79.451557	6.52	IV	RAWANPALLY	881	19.472384	79.667581	7.43	IV	MUTHAMPET
802	19.520187	79.523387	14.50	II	MAKIDI	842	19.459249	79.462358	59.73	V	RAWANPALLY	882	19.485937	79.662662	52.56	V	MUTHAMPET
803	19.522887	79.520649	16.09	II	MAKIDI	843	19.469081	79.463299	29.98	V	RAWANPALLY	883	19.508780	79.630769	8.67	I	PAREGAON
804	19.515594	79.535015	44.02	III	MAKIDI	844	19.453265	79.463360	34.12	V	RAWANPALLY	884	19.515650	79.626084	13.98	I	PAREGAON
805	19.508366	79.542774	30.39	III	MAKIDI	845	19.525430	79.649082	9.60	I	LONAVELLY	885	19.515185	79.620532	24.01	I	PAREGAON
806	19.530223	79.529998	13.16	IV	MAKIDI	846	19.519647	79.647719	9.07	I	LONAVELLY	886	19.516550	79.619380	9.67	I	PAREGAON
807	19.506442	79.415433	5.51	I	CHINNA MALINI (W)	847	19.517628	79.650610	8.88	I	LONAVELLY	887	19.513016	79.614560	9.18	I	PAREGAON
808	19.508637	79.418367	7.55	IV	CHINNA MALINI (W)	848	19.518416	79.652406	9.58	I	LONAVELLY	888	19.519105	79.617876	10.49	I	PAREGAON
809	19.493090	79.427219	6.47	IV	CHINNA MALINI (W)	849	19.491545	79.646831	10.23	II	LONAVELLY	889	19.512524	79.621123	7.74	I	PAREGAON
810	19.490712	79.430193	10.14	IV	CHINNA MALINI (W)	850	19.493641	79.648567	19.33	II	LONAVELLY	890	19.484725	79.629221	7.05	II	PAREGAON
811	19.495107	79.426252	8.39	IV	CHINNA MALINI (W)	851	19.471754	79.647061	18.92	II	LONAVELLY	891	19.475684	79.625504	9.82	II	PAREGAON
812	19.489968	79.428600	21.44	IV	CHINNA MALINI (W)	852	19.514848	79.646177	5.54	II	LONAVELLY	892	19.502524	79.626999	6.83	II	PAREGAON
813	19.483085	79.420457	26.52	V	CHINNA MALINI (W)	853	19.488993	79.646369	19.54	II	LONAVELLY	893	19.508800	79.632890	6.44	II	PAREGAON
814	19.479022	79.425546	26.50	V	CHINNA MALINI (W)	854	19.491982	79.635282	9.95	II	LONAVELLY	894	19.485992	79.631405	34.32	II	PAREGAON
815	19.510917	79.416167	28.75	V	CHINNA MALINI (W)	855	19.518900	79.640802	16.73	II	LONAVELLY	895	19.506728	79.625228	15.65	II	PAREGAON
816	19.464935	79.431580	46.99	V	CHINNA MALINI (W)	856	19.520741	79.638627	6.73	II	LONAVELLY	896	19.503094	79.630550	14.15	II	PAREGAON
817	19.497186	79.445791	12.83	II	CHINNA MALINI (S)	857	19.518016	79.645174	5.35	II	LONAVELLY	897	19.489619	79.633853	35.97	III	PAREGAON
818	19.502126	79.438308	12.02	II	CHINNA MALINI (S)	858	19.496411	79.653065	13.25	II	LONAVELLY	898	19.500474	79.628582	11.75	IV	PAREGAON
819	19.479378	79.447405	7.28	IV	CHINNA MALINI (S)	859	19.498761	79.633228	11.09	II	LONAVELLY	899	19.478139	79.636677	11.61	IV	PAREGAON

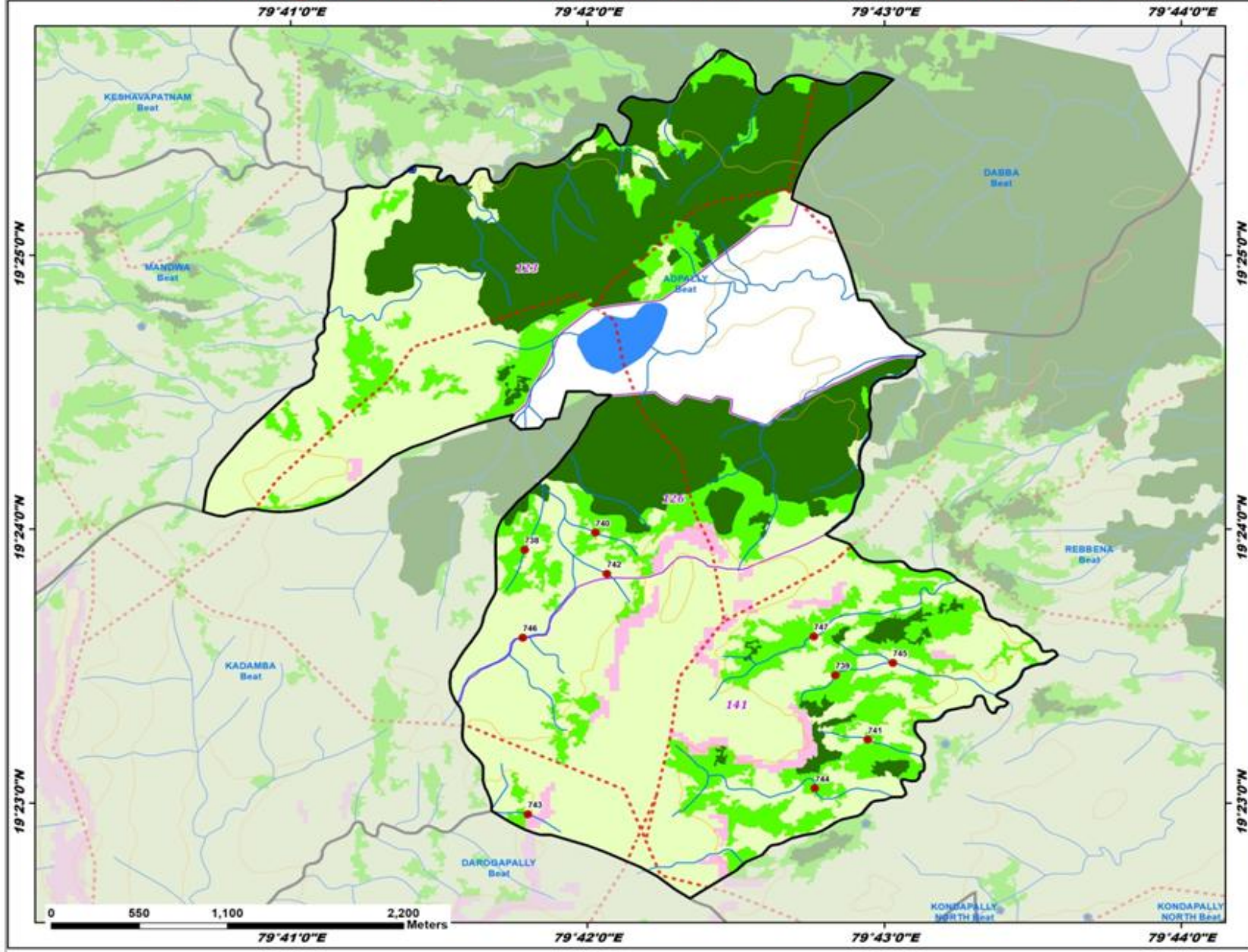
List of Proposed PTs – Sirpur Range

ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat
900	19.477711	79.639917	12.22	IV	PAREGAON
901	19.483127	79.628048	11.49	IV	PAREGAON
902	19.486818	79.633079	10.88	IV	PAREGAON
903	19.469228	79.631394	19.52	IV	PAREGAON
904	19.480803	79.630857	6.18	IV	PAREGAON
905	19.477539	79.631957	9.96	IV	PAREGAON
906	19.471320	79.636206	16.82	IV	PAREGAON
907	19.440652	79.546595	8.00	II	PEDDABANDA
908	19.445254	79.534274	19.29	IV	PEDDABANDA
909	19.445554	79.525891	39.30	V	PEDDABANDA
910	19.432573	79.534109	71.94	V	PEDDABANDA
911	19.456911	79.623206	8.75	I	SIRPUR
912	19.494604	79.618709	7.13	I	SIRPUR
913	19.497324	79.622342	16.81	I	SIRPUR
914	19.457359	79.624766	13.11	II	SIRPUR
915	19.459062	79.629191	9.62	II	SIRPUR
916	19.451525	79.615581	5.93	II	SIRPUR
917	19.453105	79.610762	9.81	II	SIRPUR
918	19.460895	79.609847	21.19	II	SIRPUR
919	19.455304	79.626237	9.55	II	SIRPUR
920	19.456815	79.620748	8.65	II	SIRPUR
921	19.474654	79.613560	8.88	II	SIRPUR
922	19.491868	79.621837	17.94	II	SIRPUR
923	19.463979	79.625015	22.20	II	SIRPUR
924	19.459647	79.632541	11.02	II	SIRPUR
925	19.458423	79.636880	44.10	III	SIRPUR
926	19.471787	79.619081	8.65	IV	SIRPUR
927	19.461613	79.604502	9.69	IV	SIRPUR
928	19.495034	79.630874	15.80	IV	SIRPUR
929	19.464628	79.603393	7.52	IV	SIRPUR
930	19.464048	79.626611	7.79	IV	SIRPUR
931	19.449177	79.618656	25.44	V	SIRPUR
932	19.451982	79.612852	26.05	V	SIRPUR
933	19.465806	79.626144	36.36	V	SIRPUR
934	19.457358	79.632062	29.27	V	SIRPUR
935	19.463764	79.613177	35.58	V	SIRPUR
936	19.473336	79.614407	34.13	V	SIRPUR

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



Division : Kaghaznagar
Range : Sirpur



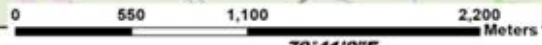
ID	Latitude	Longitude	Catchment Area(Ha)	Priority
738	19.398740	79.696489	10.26	II
739	19.391124	79.713942	13.80	II
740	19.399786	79.700468	9.05	II
741	19.387189	79.715764	9.96	IV
742	19.397284	79.701101	14.83	IV
743	19.382655	79.696667	9.43	IV
744	19.384228	79.712788	93.24	IV
745	19.391868	79.717162	28.65	V
746	19.393403	79.696389	77.88	V
747	19.393473	79.712732	72.13	V

Legend

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

Suitability Index

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



79°41'0"E 79°42'0"E 79°43'0"E 79°44'0"E

19°25'0"N 19°24'0"N 19°23'0"N

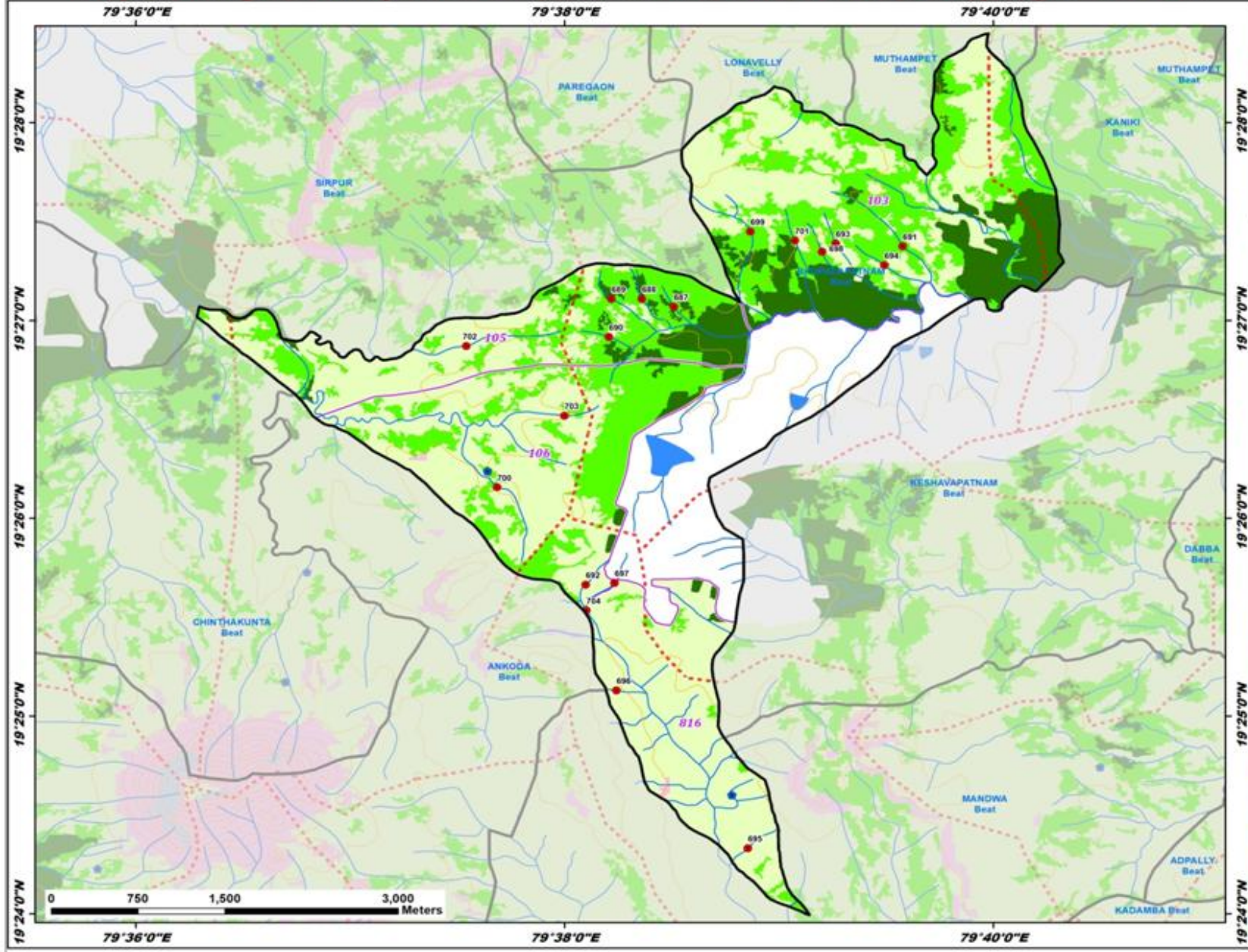
0 550 1,100 2,200 Meters

79°41'0"E 79°42'0"E 79°43'0"E 79°44'0"E

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



Division : Kaghaznagar
Range : Sirpur



ID	Latitude	Longitude	Catchment Area(Ha)	Priority
687	19.451152	79.641856	6.04	I
688	19.451823	79.639355	6.26	II
689	19.451816	79.637003	12.55	II
690	19.448618	79.636805	13.19	II
691	19.456252	79.659637	38.64	III
692	19.427750	79.634997	9.86	IV
693	19.456489	79.654443	8.92	IV
694	19.454670	79.658200	9.23	IV
695	19.405524	79.647593	19.11	IV
696	19.418842	79.637386	7.83	IV
697	19.427894	79.637248	9.50	IV
698	19.455788	79.653379	11.37	IV
699	19.457495	79.647802	54.62	IV
700	19.435947	79.628101	64.82	V
701	19.456725	79.651248	32.76	V
702	19.447851	79.625714	42.04	V
703	19.441985	79.633340	25.14	V
704	19.425573	79.635034	47.28	V

Legend

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

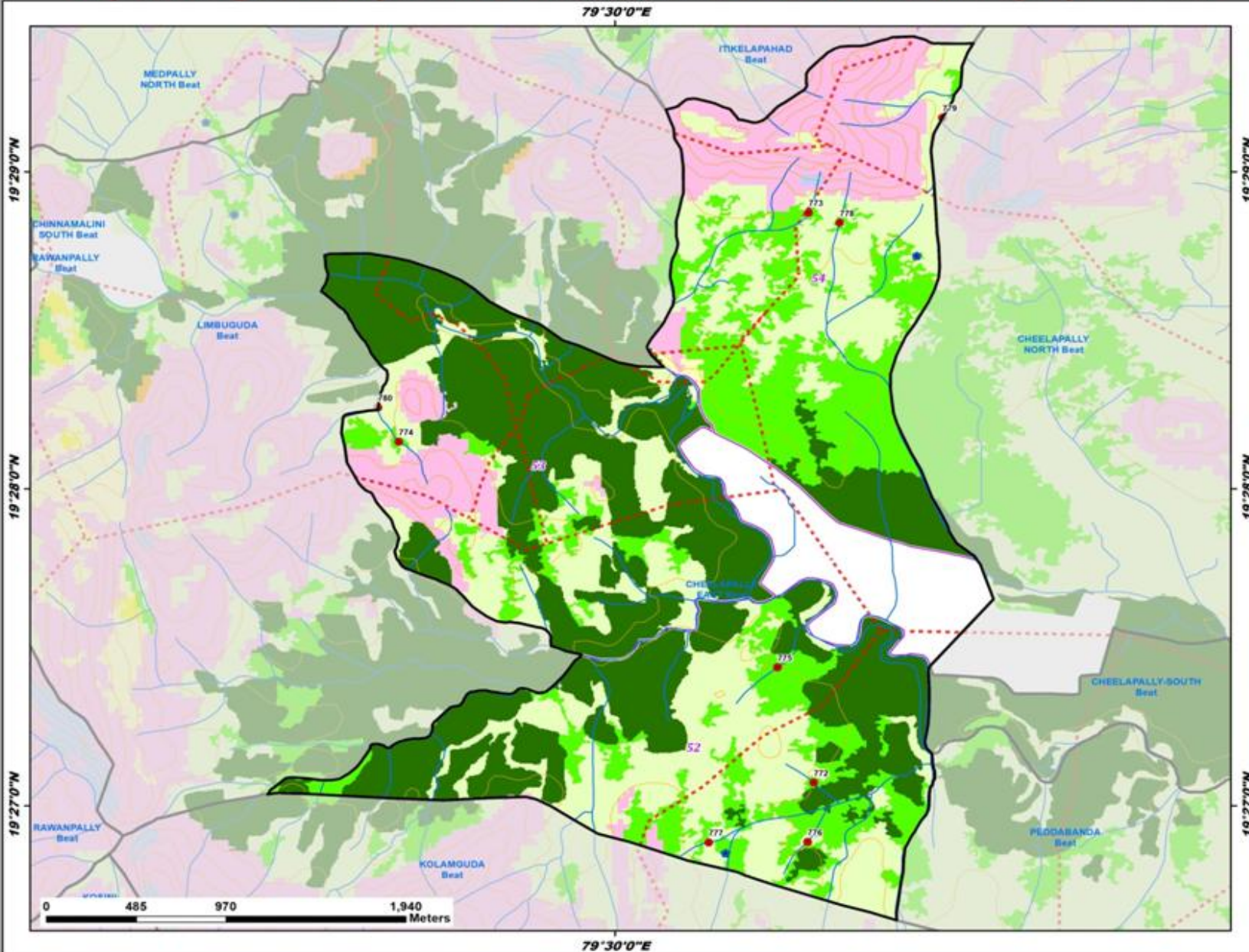
Suitability Index

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

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



Division : Kaghaznagar
Range : Sirpur



ID	Latitude	Longitude	Catchment Area(Ha)	Priority
772	19.451226	79.509651	6.50	II
773	19.481196	79.509408	6.05	II
774	19.469142	79.489519	8.48	II
775	19.457284	79.507899	13.28	II
776	19.448103	79.509362	12.07	IV
777	19.448074	79.504569	10.55	IV
778	19.480666	79.510912	7.12	IV
779	19.486187	79.515895	26.64	V
780	19.470947	79.488508	36.54	V

Legend

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

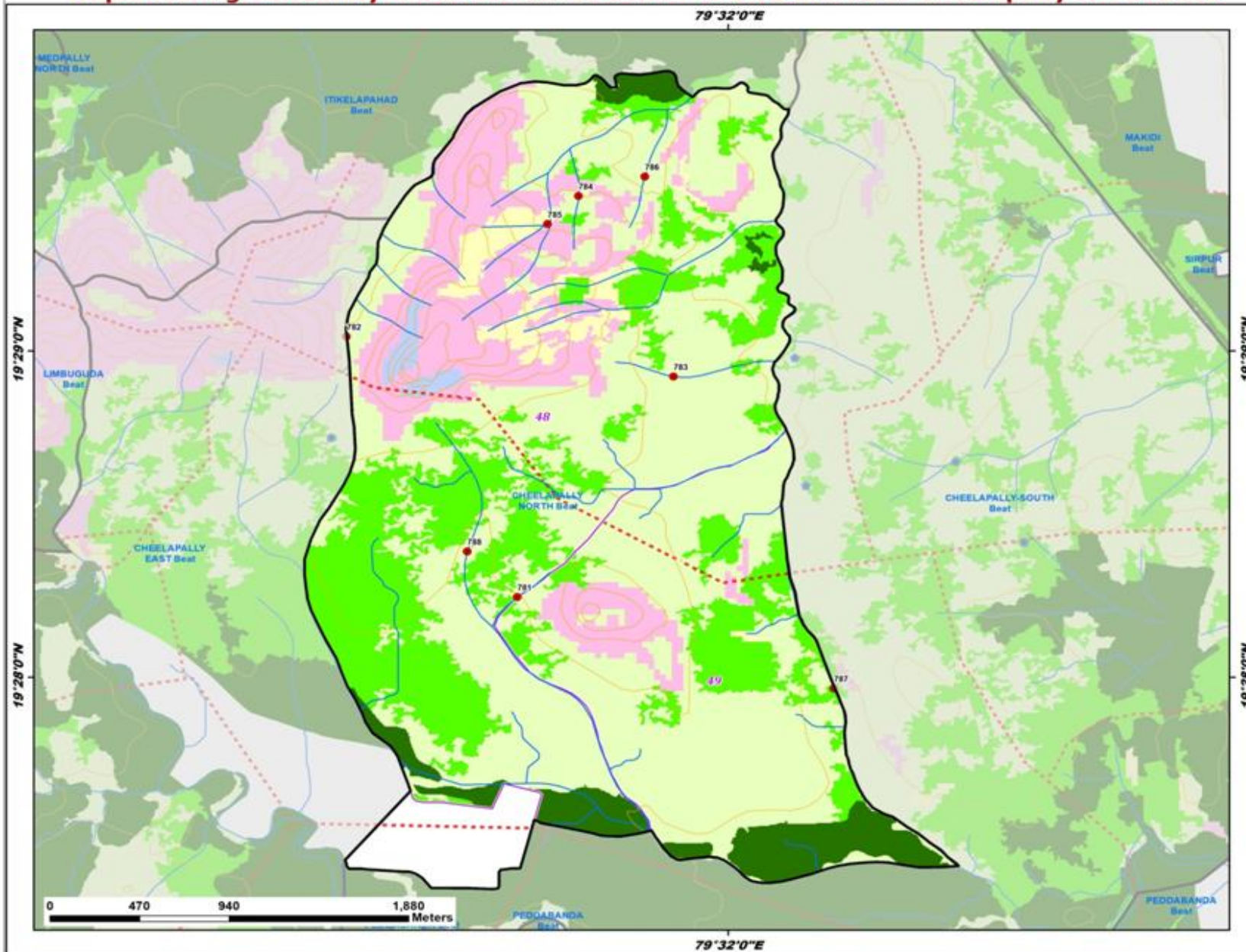
Suitability Index

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

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



Division : Kaghaznagar
Range : Sirpur



ID	Latitude	Longitude	Catchment Area(Ha)	Priority
781	19.470772	79.523420	8.63	II
782	19.484087	79.515378	11.89	IV
783	19.482038	79.530784	19.71	IV
784	19.491259	79.526304	5.72	IV
785	19.489827	79.524844	11.08	IV
786	19.492255	79.529433	9.53	IV
787	19.466101	79.538331	77.57	V
788	19.473038	79.521062	47.15	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 SGP - Suitable
 - Not Suitable
 - Water Body

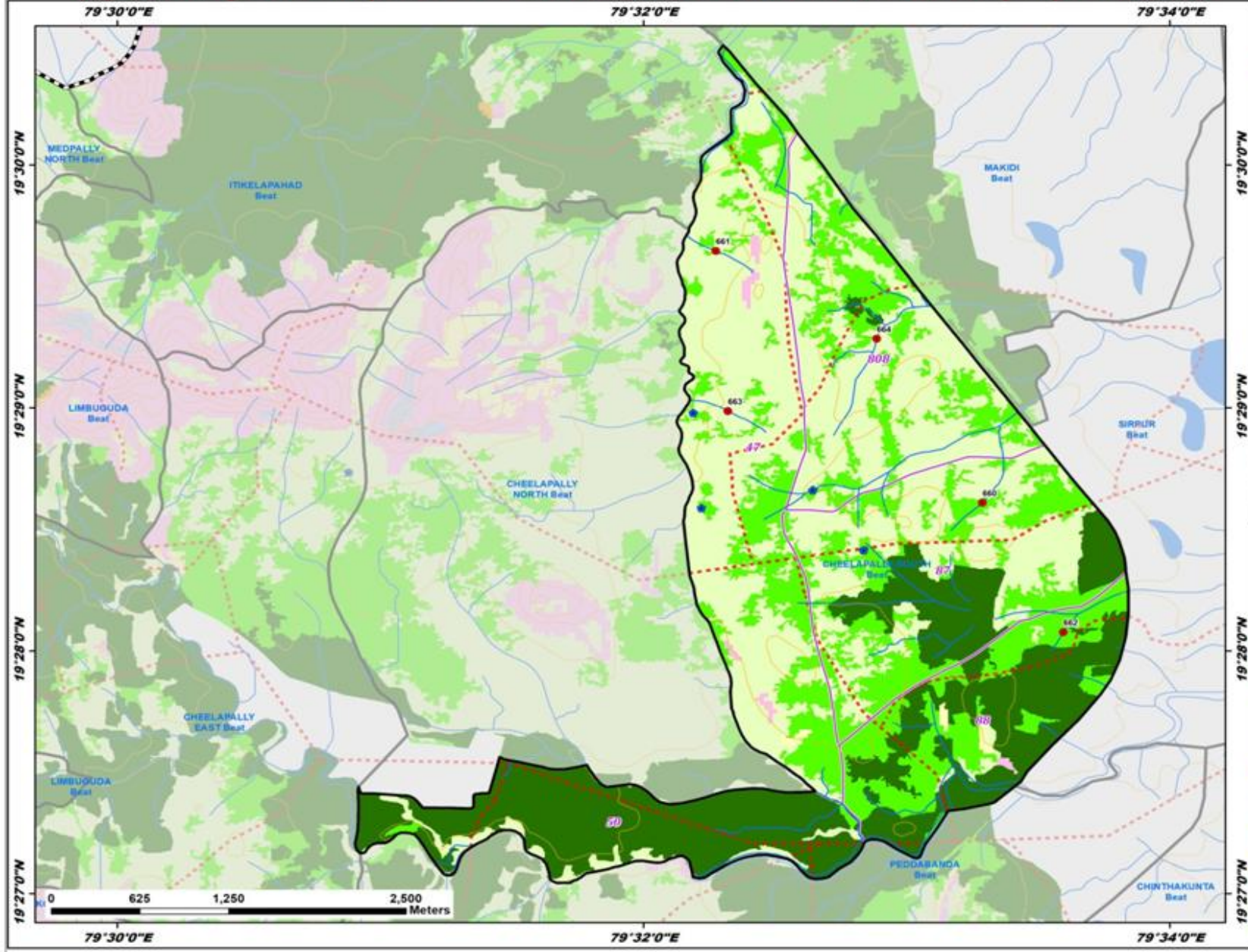
0 470 940 1,880 Meters

79°32'0"E

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



Division : Kaghaznagar
Range : Sirpur



ID	Latitude	Longitude	Catchment Area(Ha)	Priority
660	19.476835	79.554814	16.70	II
661	19.494124	79.537926	11.89	II
662	19.467951	79.559932	10.44	II
663	19.483133	79.538681	10.32	IV
664	19.488090	79.548122	76.74	V

Legend

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

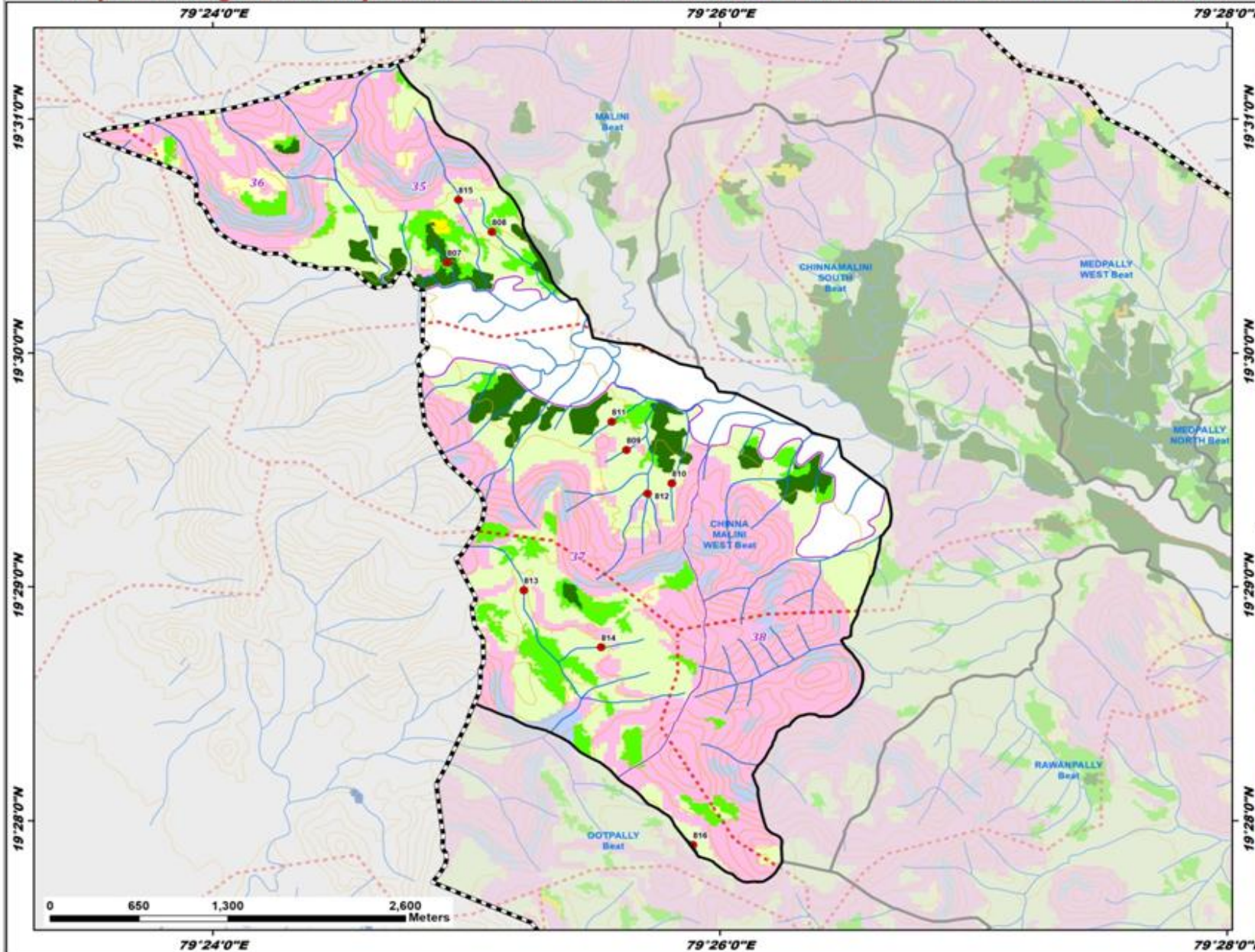
Suitability Index

- 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 Chinna Malini West Beat



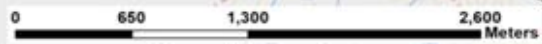
Division : Kaghaznagar
Range : Sirpur



ID	Latitude	Longitude	Catchment Area(Ha)	Priority
807	19.506442	79.415433	5.51	I
808	19.508637	79.418367	7.55	IV
809	19.493090	79.427219	6.47	IV
810	19.490712	79.430193	10.14	IV
811	19.495107	79.426252	8.39	IV
812	19.489968	79.428600	21.44	IV
813	19.483085	79.420457	26.52	V
814	19.479022	79.425546	26.50	V
815	19.510917	79.416167	28.75	V
816	19.464935	79.431580	46.99	V

Legend

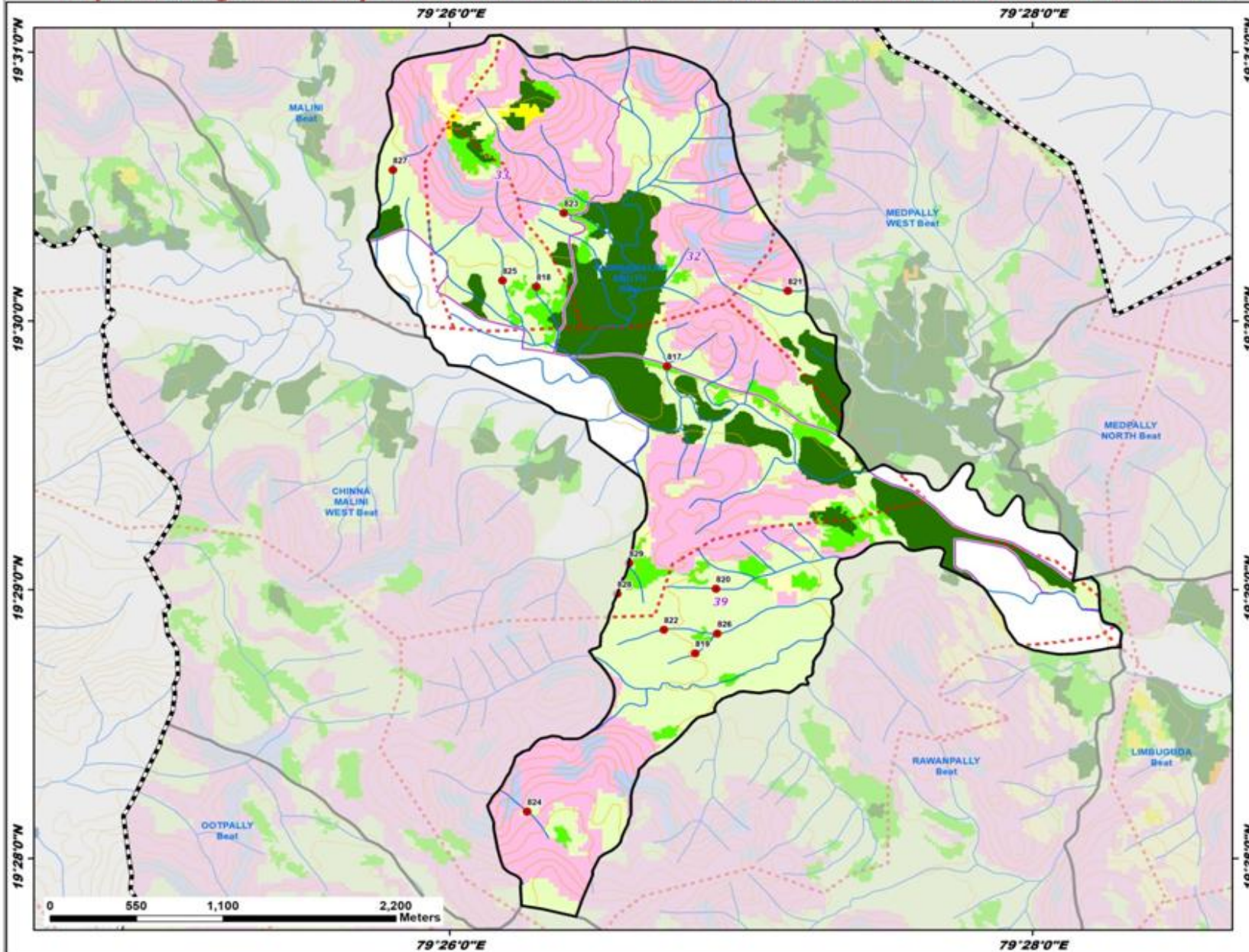
- Proposed PTs
 - Existing CD/PTs
 - Contours
 - Streams
 - - - Watershed Boundary
 - Compartment Boundary
 - Beat Boundary
 - Division Boundary
- Suitability Index**
- CCTs/SCTs - Highly Suitable
 - CCTs/SCTs - Moderately Suitable
 - CCTs/SCTs - Least Suitable
 - PTs - Highly Suitable
 - PTs - Moderately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



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



Division : Kaghaznagar
Range : Sirpur



ID	Latitude	Longitude	Catchment Area(Ha)	Priority
817	19.497186	79.445791	12.83	II
818	19.502126	79.438308	12.02	II
819	19.479378	79.447405	7.28	IV
820	19.483389	79.448593	13.42	IV
821	19.501855	79.452701	9.10	IV
822	19.480841	79.445611	6.61	IV
823	19.506690	79.439895	6.43	IV
824	19.469567	79.437793	7.21	IV
825	19.502509	79.436376	7.64	IV
826	19.480611	79.448670	21.35	IV
827	19.509363	79.430105	8.66	IV
828	19.483074	79.442942	9.82	IV
829	19.484969	79.443617	25.07	V

Legend

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

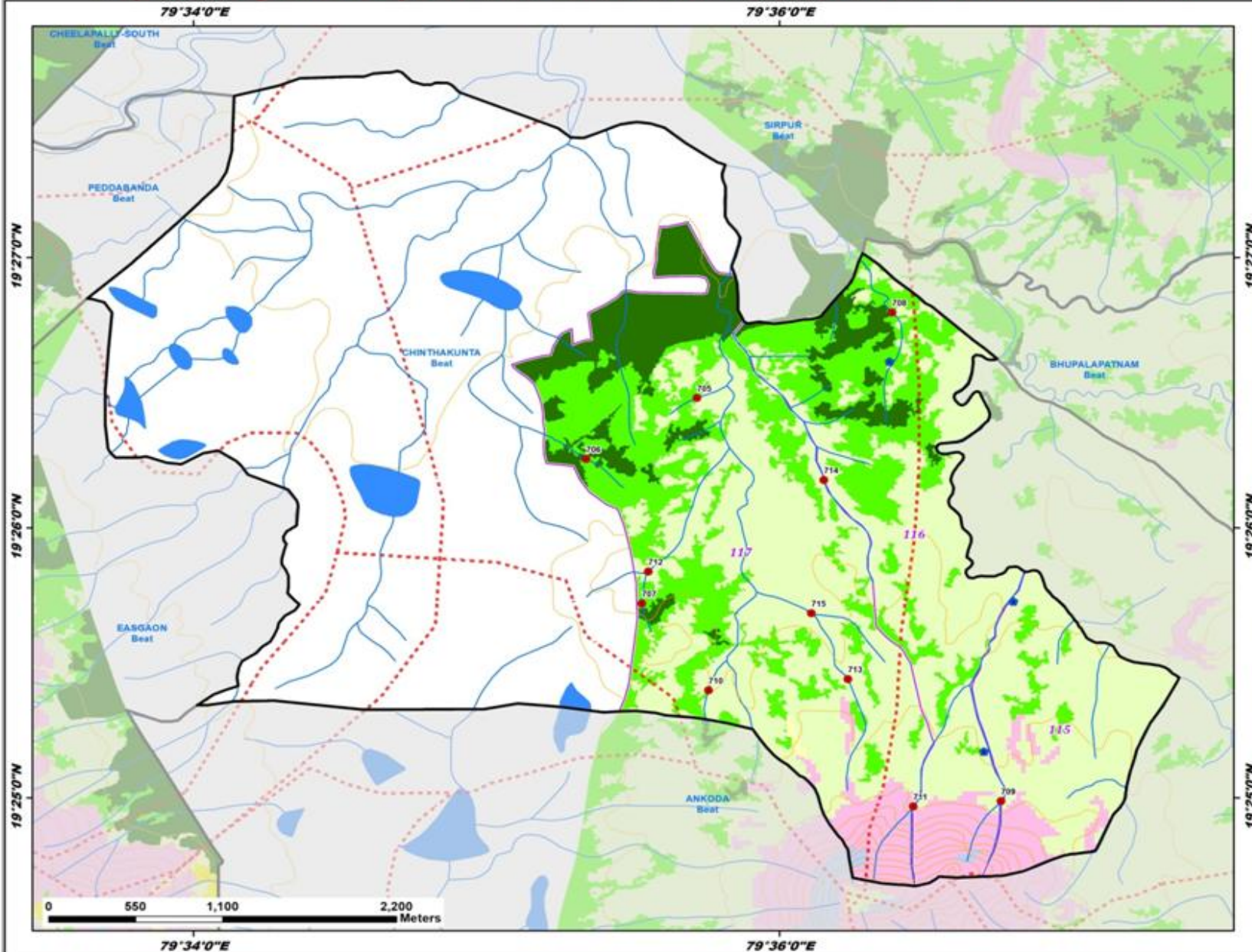
Suitability Index

- 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 Chinthakunta Beat



Division : Kaghaznagar
Range : Sirpur



ID	Latitude	Longitude	Catchment Area(Ha)	Priority
705	19.441337	79.595325	5.27	II
706	19.437571	79.589017	20.63	II
707	19.428669	79.592190	9.79	II
708	19.446610	79.606432	41.63	III
709	19.416477	79.612619	12.69	IV
710	19.423307	79.595977	12.60	IV
711	19.416154	79.607623	24.01	IV
712	19.430639	79.592556	31.59	V
713	19.424007	79.603900	38.75	V
714	19.436282	79.602540	53.89	V
715	19.428059	79.601824	86.79	V

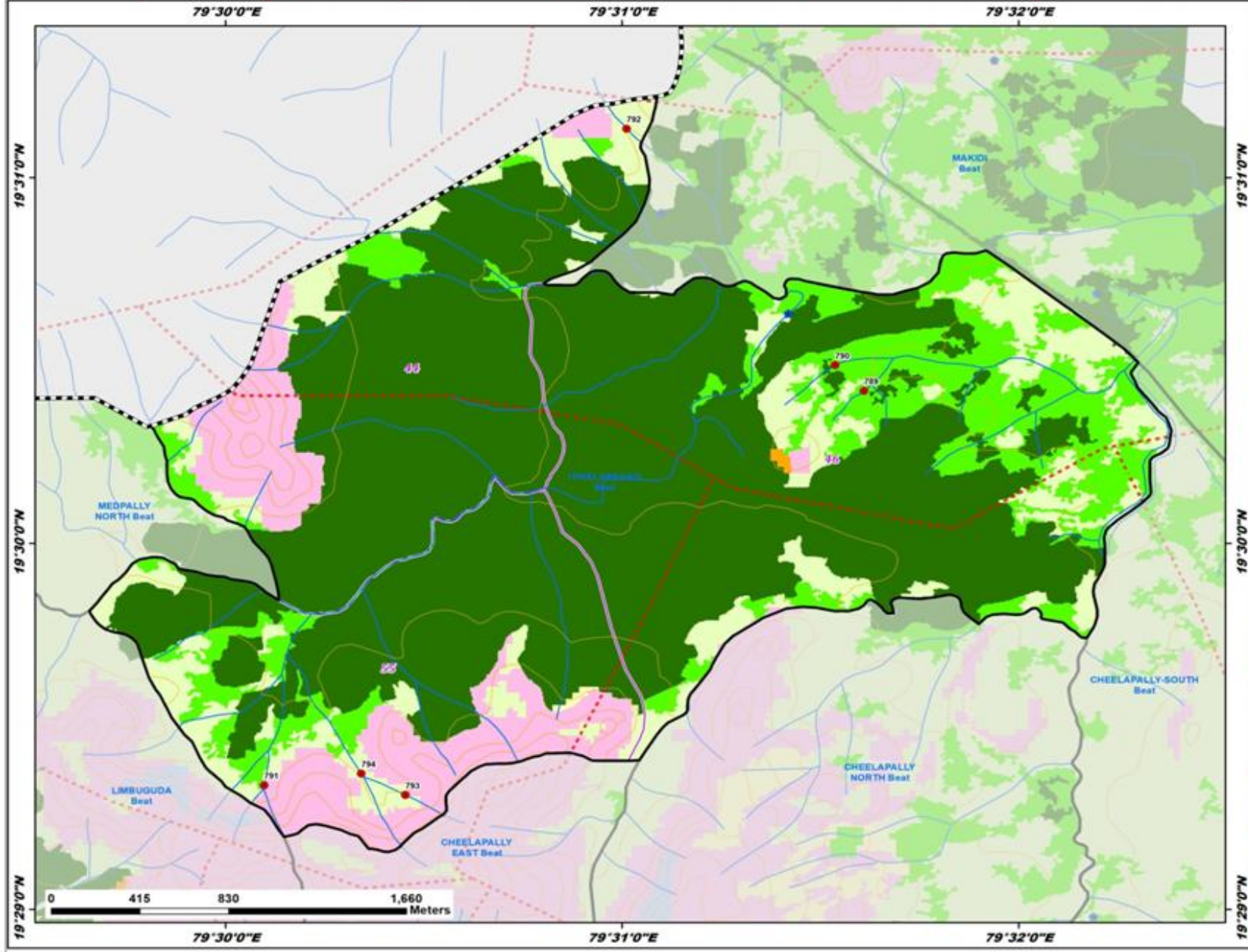
Legend

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

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



Division : Kaghaznagar
Range : Sirpur



ID	Latitude	Longitude	Catchment Area(Ha)	Priority
789	19.506962	79.526852	15.98	II
790	19.508127	79.525639	7.07	II
791	19.488989	79.501628	11.43	II
792	19.518900	79.516869	7.23	IV
793	19.488539	79.507563	10.55	IV
794	19.489518	79.505708	32.30	V

Legend

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

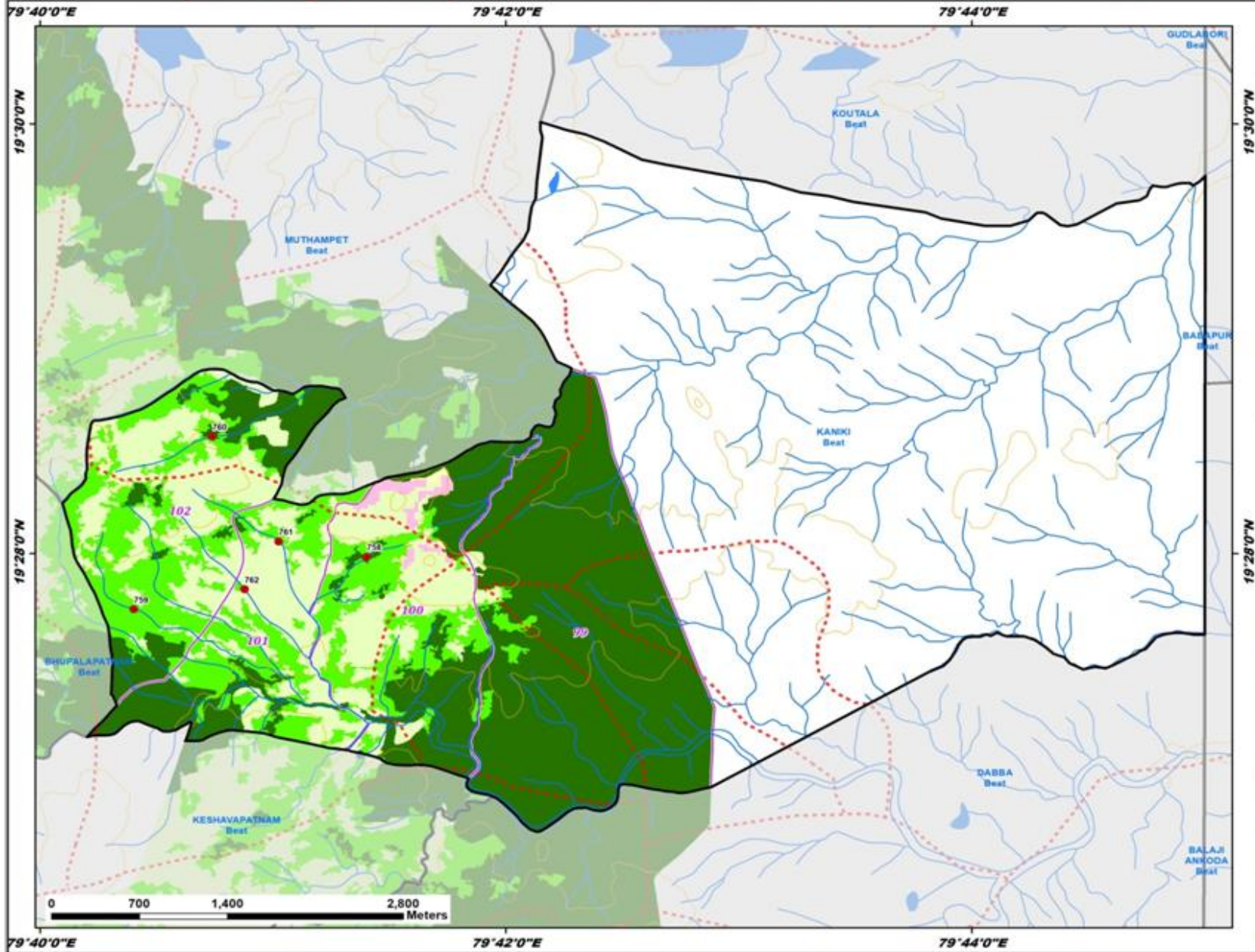
Suitability Index

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

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



Division : Kaghaznagar
Range : Sirpur



ID	Latitude	Longitude	Catchment Area(Ha)	Priority
758	19.466417	79.690069	13.89	I
759	19.462347	79.673384	24.91	II
760	19.475757	79.679004	36.26	III
761	19.467620	79.683767	33.55	V
762	19.463901	79.681303	30.11	V

Legend

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

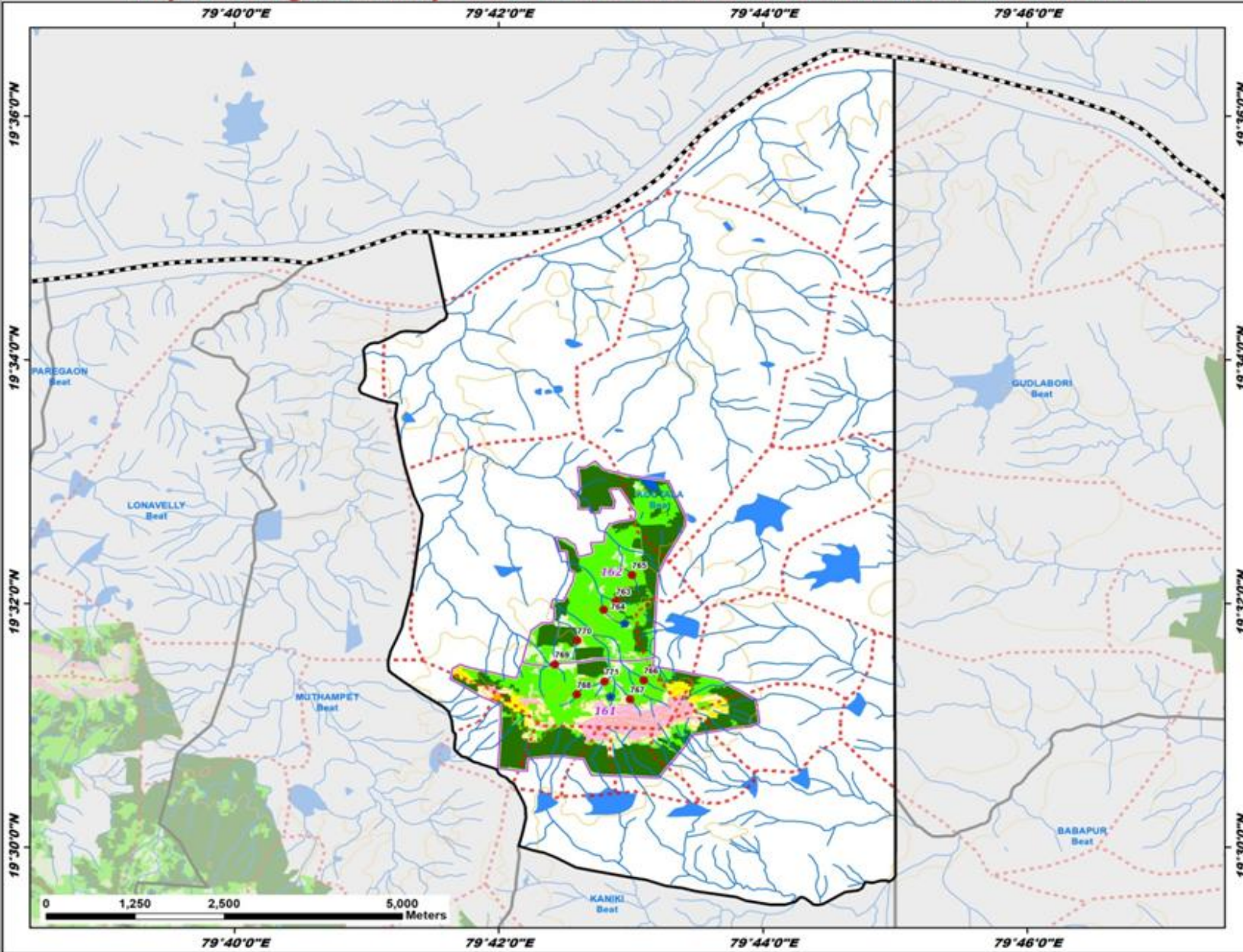
Suitability Index

- 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 Koutala Beat



Division : Kaghaznagar
Range : Sirpur



ID	Latitude	Longitude	Catchment Area(Ha)	Priority
763	19.533659	79.714848	7.67	II
764	19.532473	79.713260	16.46	II
765	19.537228	79.716862	10.78	II
766	19.522851	79.718343	7.15	II
767	19.520230	79.716606	8.39	II
768	19.520886	79.709872	26.25	III
769	19.524995	79.707131	8.91	IV
770	19.528288	79.709922	23.00	IV
771	19.522680	79.713376	42.47	V

Legend

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

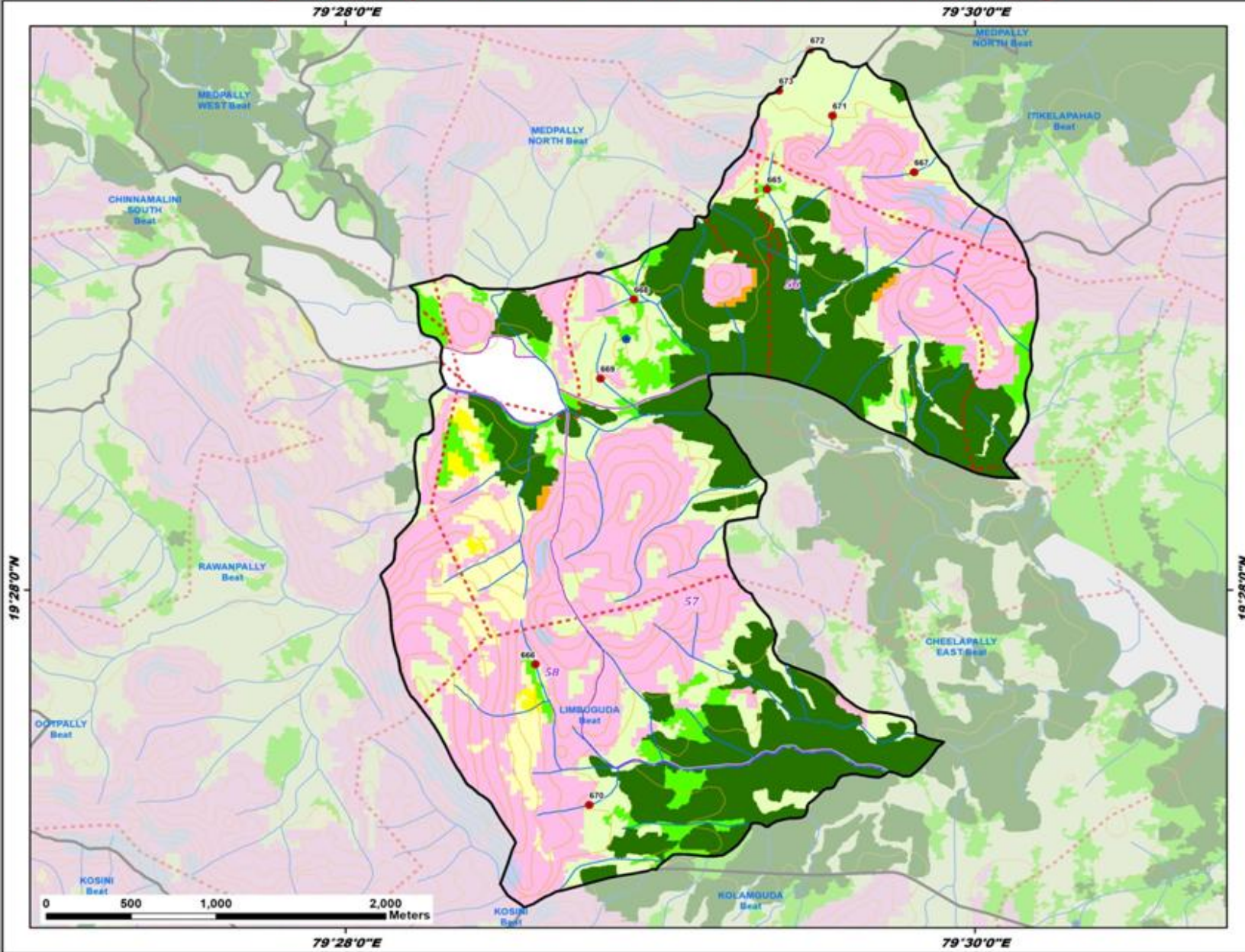
Suitability Index

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

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



Division : Kaghaznagar
Range : Sirpur



ID	Latitude	Longitude	Catchment Area(Ha)	Priority
665	19.489682	79.489006	9.78	II
666	19.462396	79.476745	15.03	IV
667	19.490655	79.496797	10.34	IV
668	19.483353	79.481967	17.06	IV
669	19.478810	79.480191	8.83	IV
670	19.454326	79.479598	9.74	IV
671	19.493908	79.492470	8.66	IV
672	19.497682	79.491302	55.81	V
673	19.495346	79.489634	38.15	V

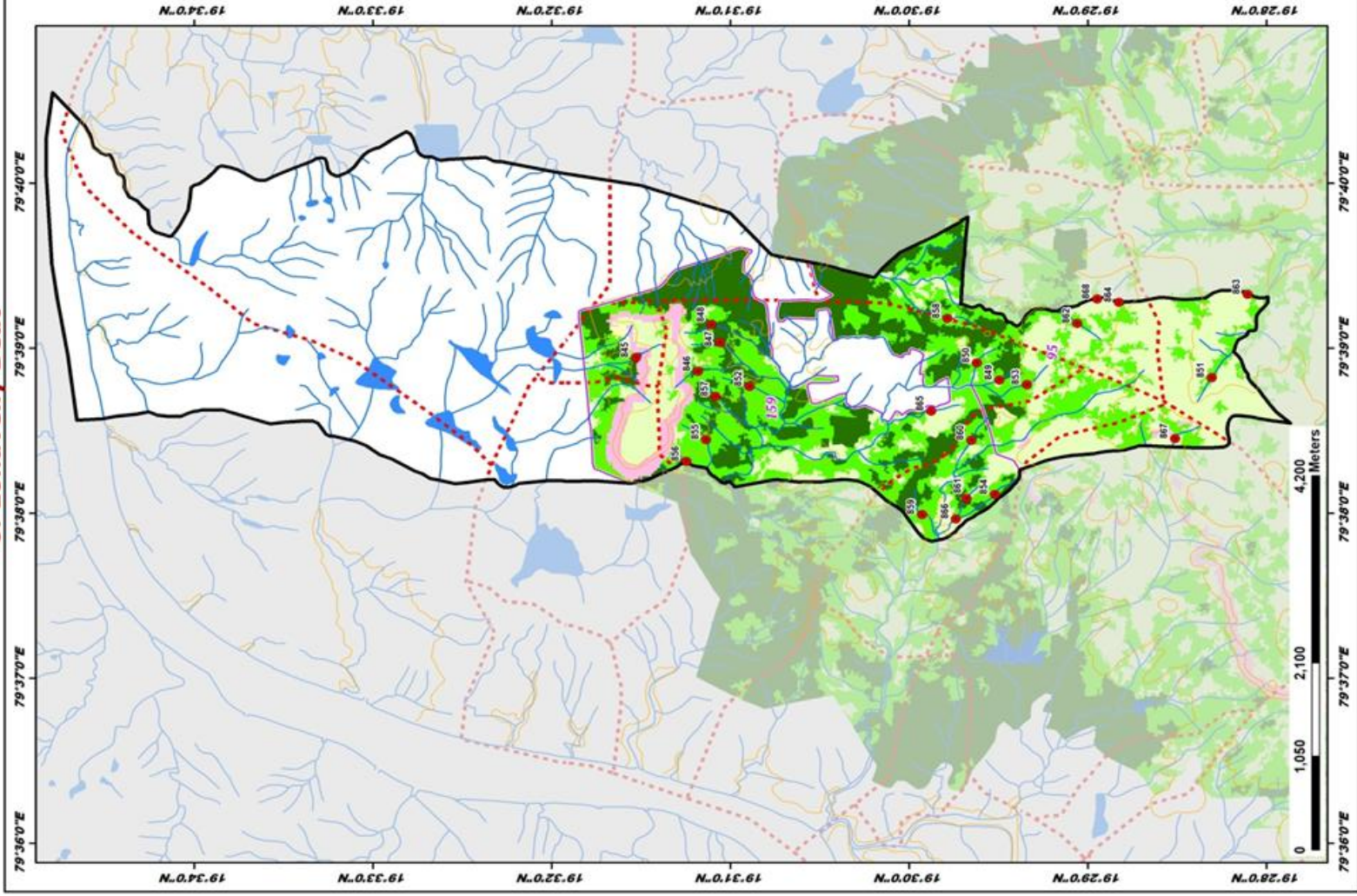
Legend

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

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



Division : Kaghaznagar
Range : Sirpur



ID	Latitude	Longitude	Catchment Area(Ha)	Priority
845	19.525430	79.649082	9.60	I
846	19.519647	79.647719	9.07	I
847	19.517628	79.650610	8.88	I
848	19.518416	79.652406	9.58	I
849	19.491545	79.648311	10.23	II
850	19.493641	79.648567	19.33	II
851	19.471754	79.647061	18.92	II
852	19.514848	79.646177	5.54	II
853	19.488993	79.646369	19.54	II
854	19.491982	79.652382	9.95	II
855	19.518900	79.648002	16.73	II
856	19.520741	79.638627	6.73	II
857	19.518016	79.645174	5.35	II
858	19.496411	79.653065	13.25	II
859	19.488761	79.633228	11.09	II
860	19.494158	79.640732	12.93	II
861	19.494613	79.634864	5.05	II
862	19.484308	79.652559	36.33	III
863	19.468410	79.655487	22.98	IV
864	19.480390	79.654682	12.82	IV
865	19.497915	79.643897	10.74	IV
866	19.495603	79.632801	28.13	V
867	19.475171	79.649000	47.10	V
868	19.482442	79.655027	42.03	V

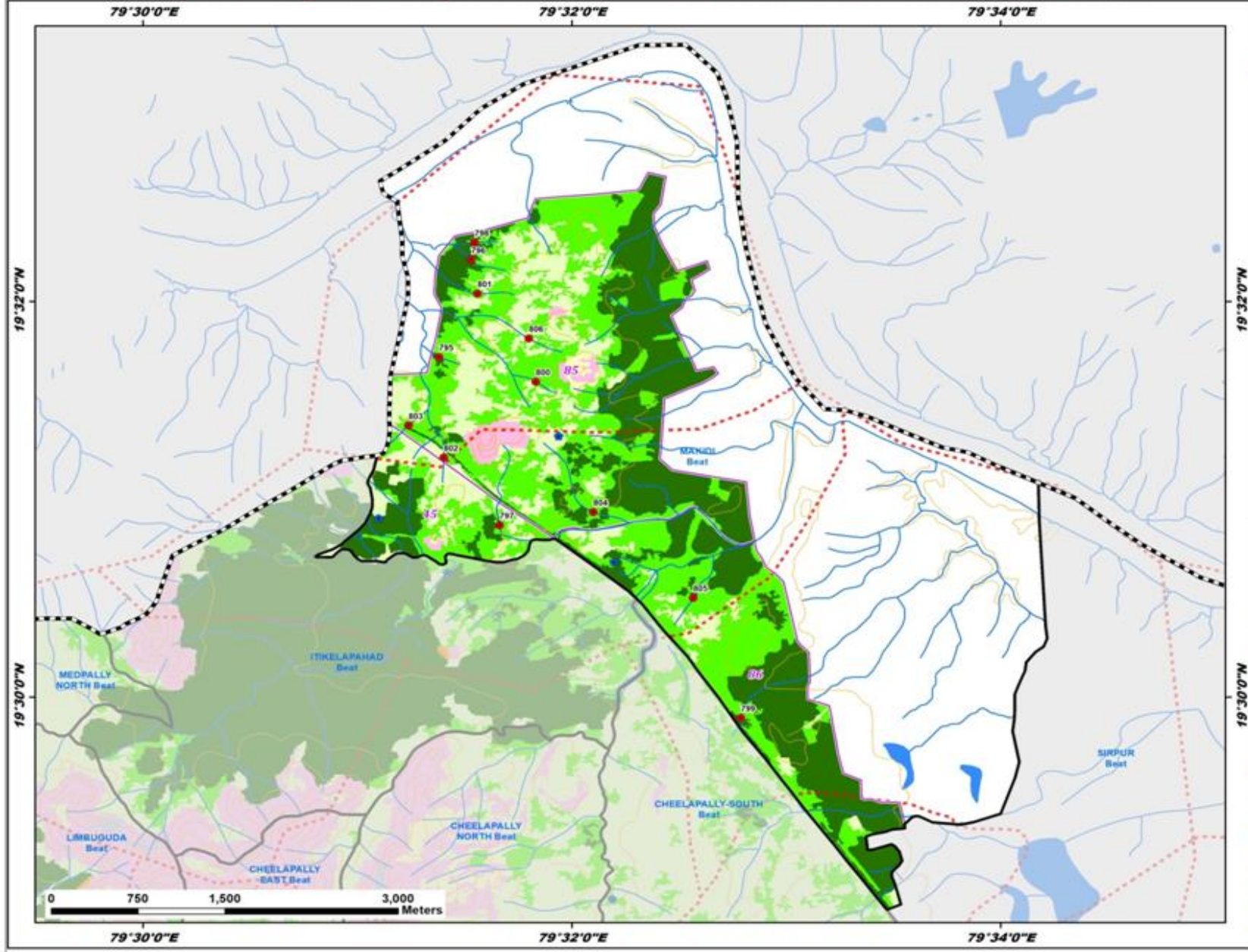
LEGEND

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

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



Division : Kaghaznagar
Range : Sirpur



ID	Latitude	Longitude	Catchment Area(Ha)	Priority
795	19.528645	79.523014	17.31	I
796	19.536836	79.525514	11.92	I
797	19.514483	79.527730	29.89	II
798	19.538308	79.525797	6.23	II
799	19.498258	79.546493	13.76	II
800	19.526575	79.530553	6.76	II
801	19.533999	79.526003	16.08	II
802	19.520187	79.523387	14.50	II
803	19.522887	79.520649	16.09	II
804	19.515594	79.535015	44.02	III
805	19.508366	79.542774	30.39	III
806	19.530223	79.529998	13.16	IV

Legend

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

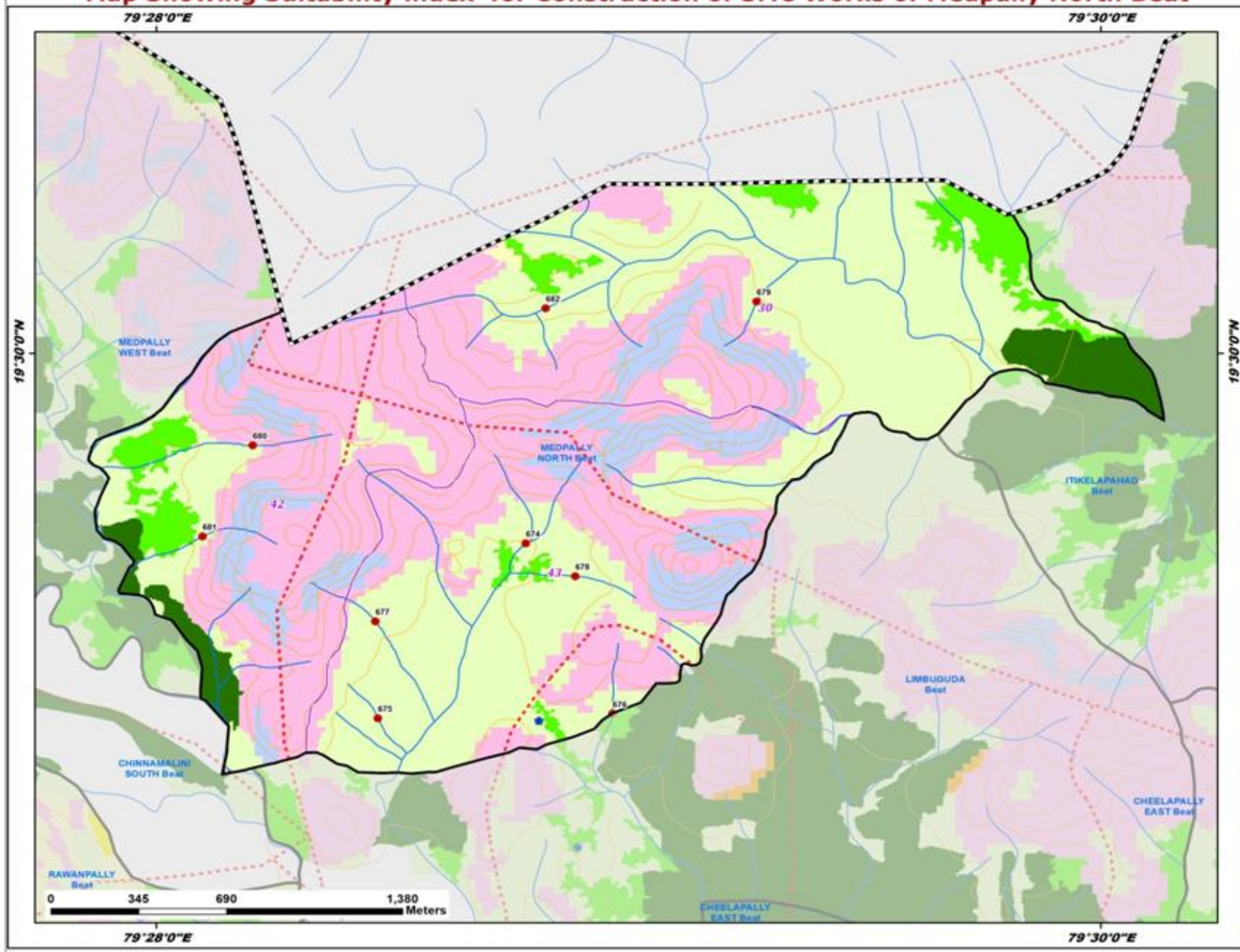
Suitability Index

- 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 Medpally North Beat



Division : Kaghaznagar
Range : Sirpur



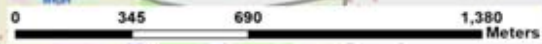
ID	Latitude	Longitude	Catchment Area(Ha)	Priority
674	19.492735	79.479713	20.92	IV
675	19.486050	79.474489	5.56	IV
676	19.486219	79.482769	6.17	IV
677	19.489749	79.474408	9.74	IV
678	19.491476	79.481465	10.14	IV
679	19.501990	79.487864	9.21	IV
680	19.496484	79.470073	18.92	IV
681	19.493007	79.468309	6.05	IV
682	19.501729	79.480415	65.91	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



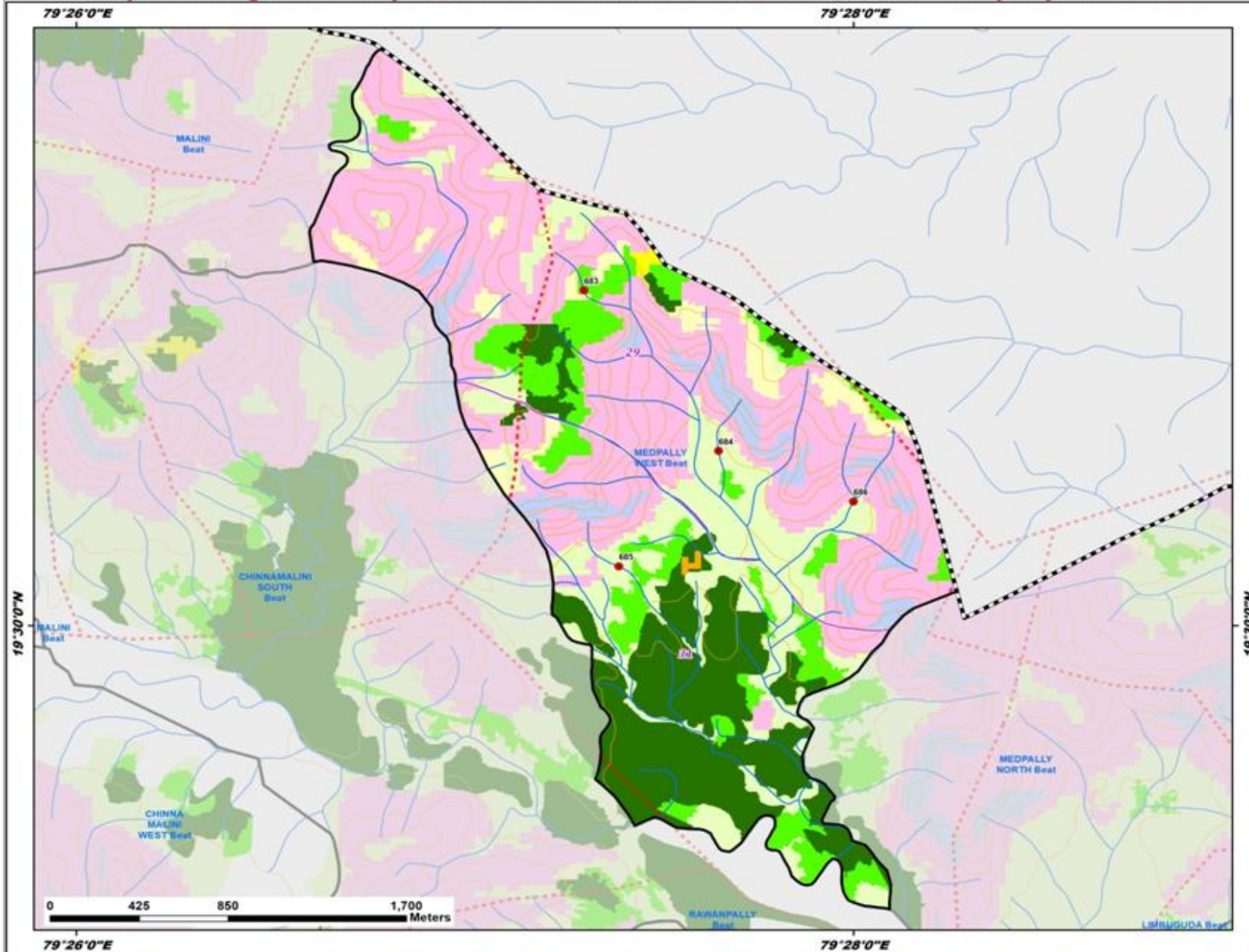
79°28'0"E

79°30'0"E

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



Division : Kaghaznagar
Range : Sirpur



ID	Latitude	Longitude	Catchment Area(Ha)	Priority
683	19.515601	79.455115	8.44	II
684	19.508129	79.460886	7.40	IV
685	19.502758	79.456615	7.34	IV
686	19.505776	79.466683	18.82	IV

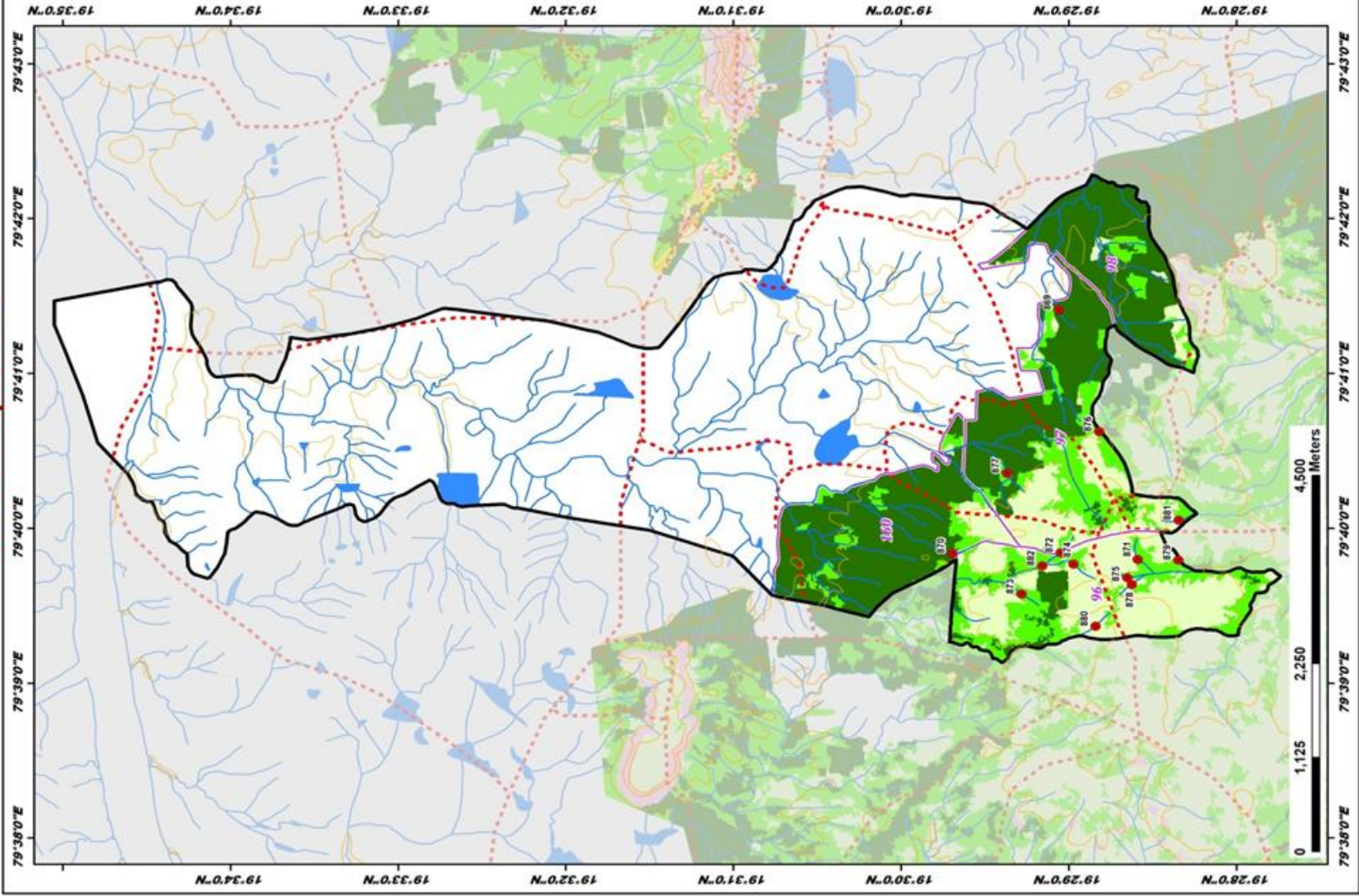
Legend

- 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

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



Division : Kaghaznagar
Range : Sirpur



ID	Latitude	Longitude	Catchment Area(Ha)	Priority
869	19.484338	79.690199	23.13	I
870	19.494901	79.663984	19.74	I
871	19.476438	79.663335	15.99	II
872	19.484122	79.664079	10.90	II
873	19.488022	79.659618	10.95	II
874	19.482837	79.662843	12.26	II
875	19.477506	79.661396	7.42	II
876	19.480281	79.677077	33.63	III
877	19.489462	79.672615	31.16	III
878	19.477036	79.660639	8.50	IV
879	19.472430	79.663284	11.84	IV
880	19.480647	79.656157	13.60	IV
881	19.472384	79.667581	7.43	IV
882	19.485937	79.662662	52.56	V

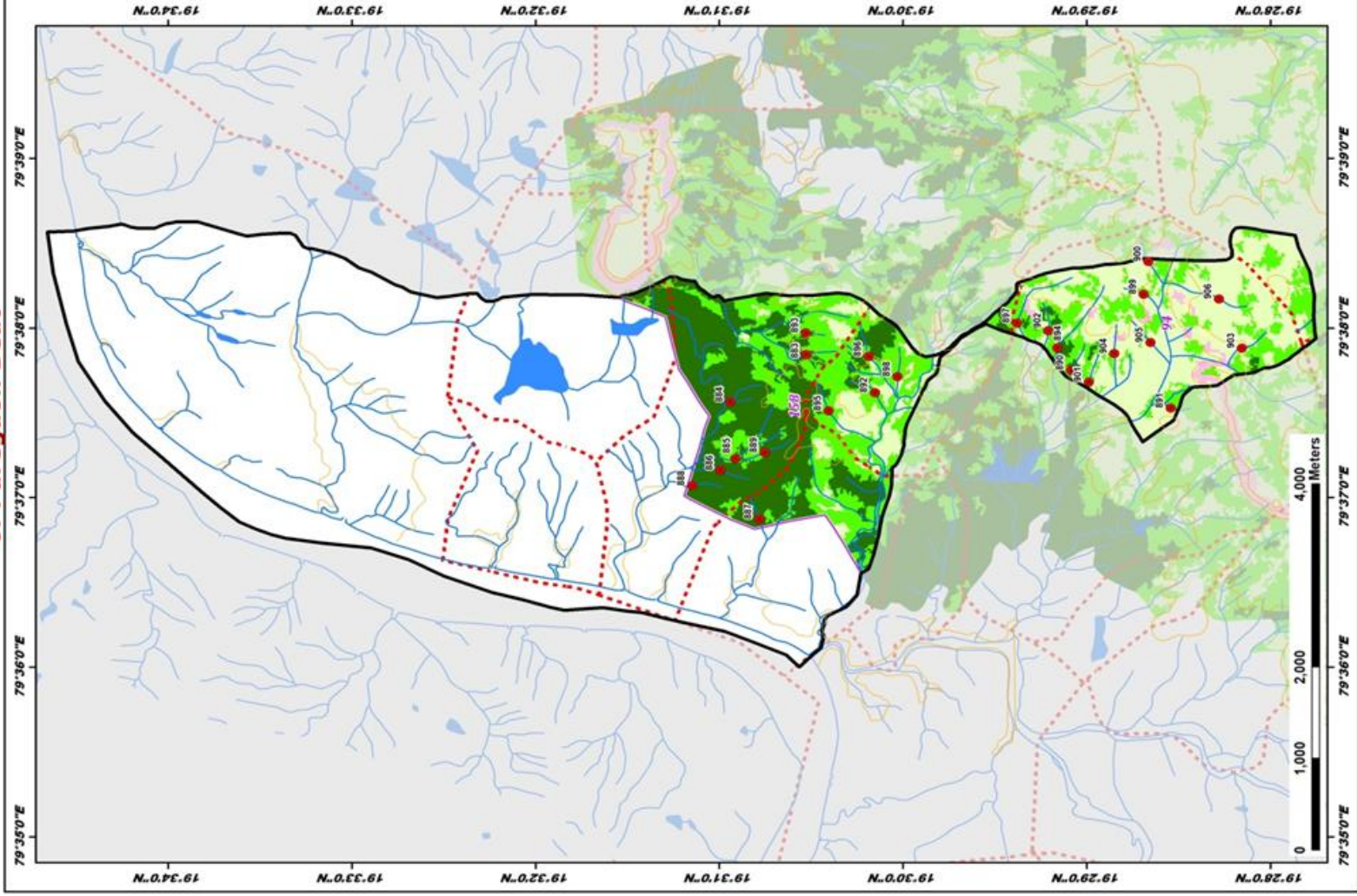
LEGEND

- Proposed PTIs
 - Existing CD/PTIs
 - Contours
 - Streams
 - Watershed Boundary
 - Compartment Boundary
 - Beat Boundary
 - Division Boundary
- ### Suitability Index
- CCTs/SCTIs - Highly Suitable
 - CCTs/SCTIs - Moderately Suitable
 - CCTs/SCTIs - Least Suitable
 - PTIs - Highly Suitable
 - PTIs - Moderately Suitable
 - PTIs - Least Suitable
 - MPTIs and SGP's - Suitable
 - Not Suitable
 - Water Body

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



Division : Kaghaznagar
Range : Sirpur



ID	Latitude	Longitude	Catchment Area(Ha)	Priority
883	19.508780	79.630769	8.67	I
884	19.515650	79.626084	13.98	I
885	19.515185	79.620532	24.01	I
886	19.516550	79.619380	9.67	I
887	19.513016	79.614560	9.18	I
888	19.519105	79.617876	10.49	I
889	19.512524	79.621123	7.74	I
890	19.484725	79.629221	7.05	II
891	19.475684	79.625504	9.82	II
892	19.502524	79.626999	6.83	II
893	19.506800	79.632890	6.44	II
894	19.485992	79.631405	34.32	II
895	19.506728	79.625228	15.65	II
896	19.503094	79.630550	14.15	II
897	19.489619	79.633853	35.97	III
898	19.500474	79.628582	11.75	IV
899	19.478139	79.636677	11.61	IV
900	19.477711	79.639917	12.22	IV
901	19.483127	79.629048	11.49	IV
902	19.486818	79.633079	10.88	IV
903	19.469228	79.631394	19.52	IV
904	19.480803	79.630857	6.18	IV
905	19.477539	79.631957	9.96	IV
906	19.471320	79.636206	16.82	IV

LEGEND

- Proposed PTs (Red dot)
- Existing CD/PTs (Blue dot)
- Contours (Orange line)
- Streams (Blue line)
- Watershed Boundary (Red dashed line)
- Compartment Boundary (Black outline)
- Beat Boundary (Black outline)
- Division Boundary (Black outline)

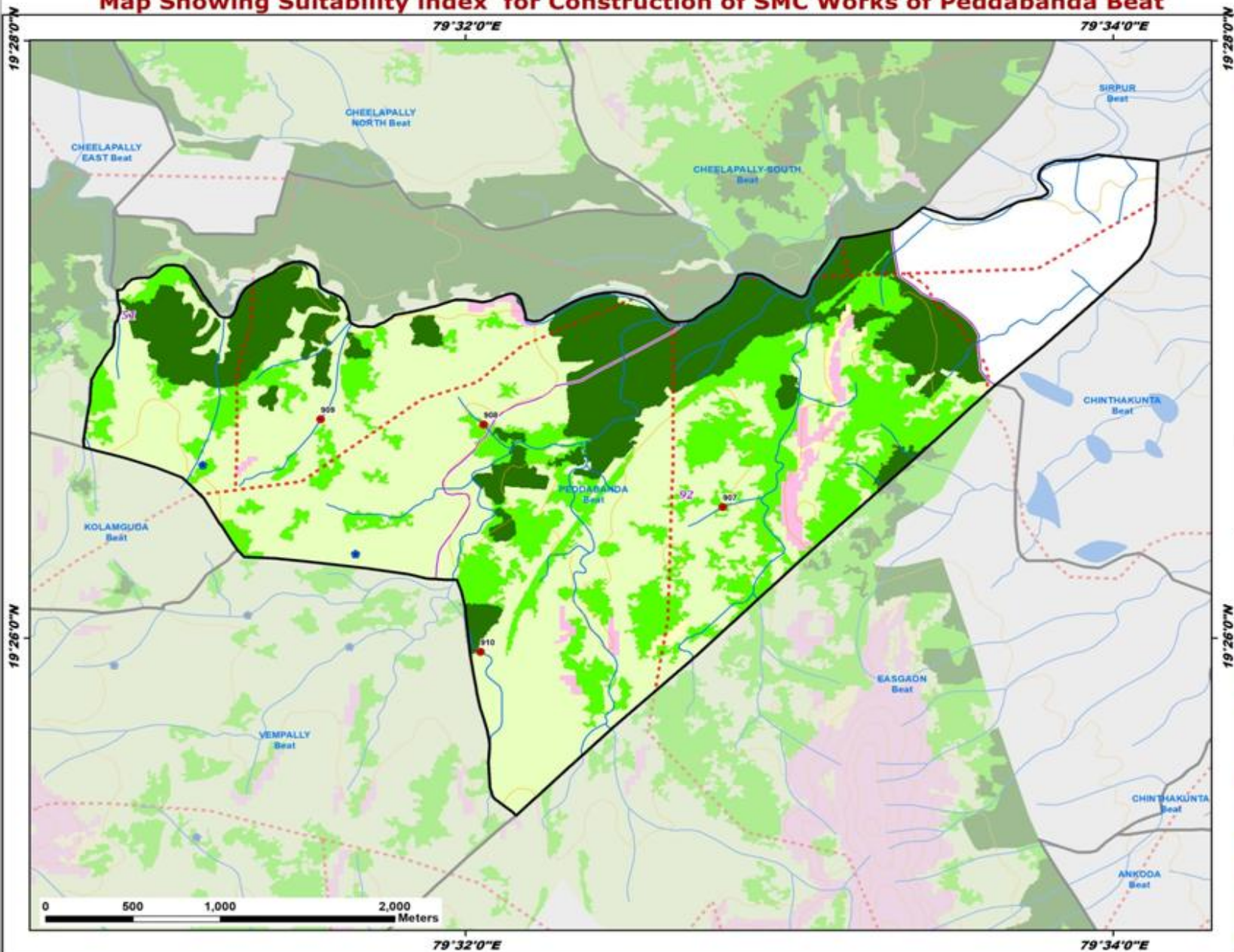
Suitability Index

- 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 SGP's - Suitable (Pink)
- Not Suitable (Light Blue)
- Water Body (Dark Blue)

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



Division : Kaghaznagar
Range : Sirpur



ID	Latitude	Longitude	Catchment Area(Ha)	Priority
907	19.440652	79.546595	8.00	II
908	19.445254	79.534274	19.29	IV
909	19.445554	79.525891	39.30	V
910	19.432573	79.534109	71.94	V

Legend

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

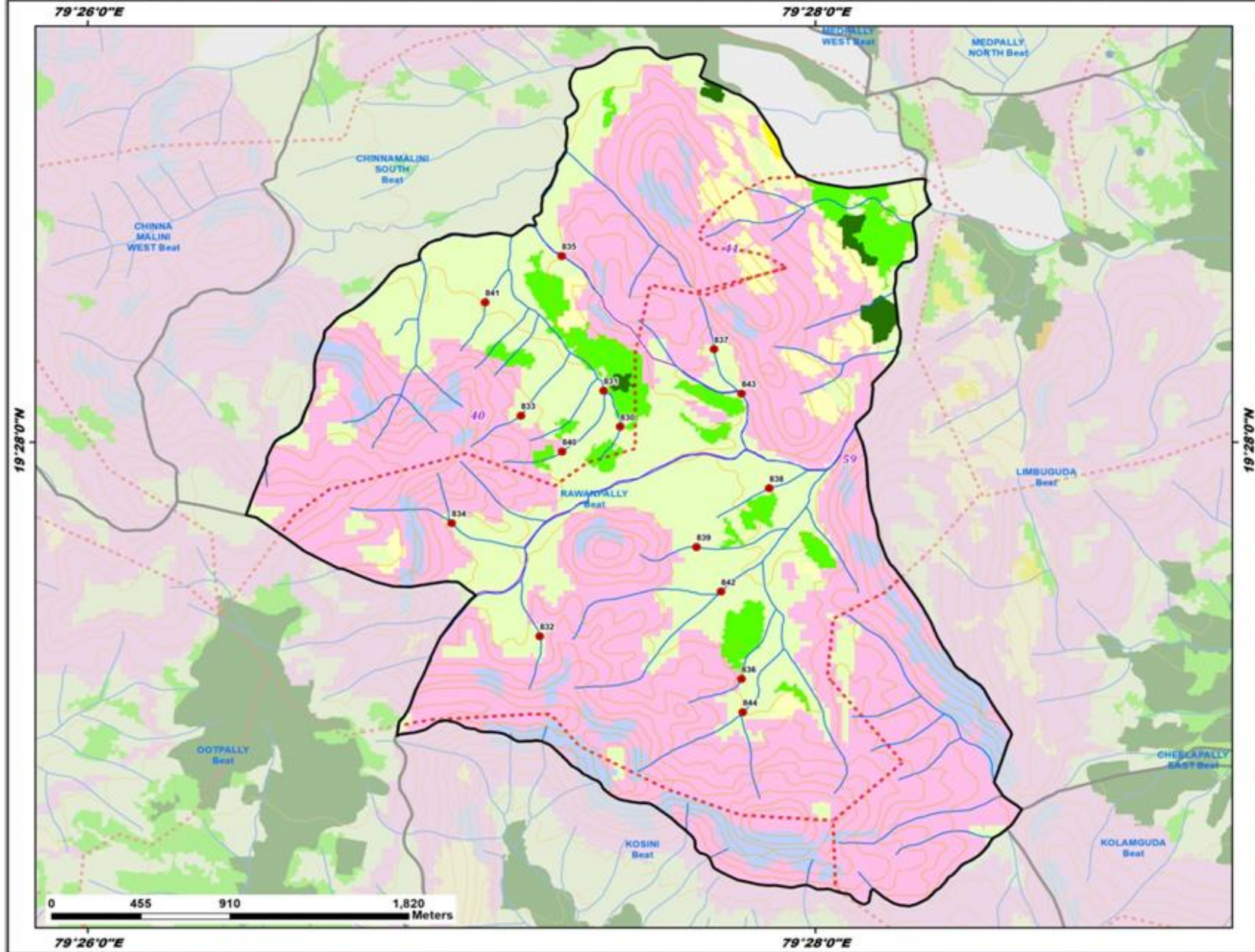
Suitability Index

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

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



Division : Kaghaznagar
Range : Sirpur



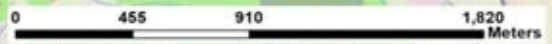
ID	Latitude	Longitude	Catchment Area(Ha)	Priority
830	19.467438	79.457734	6.03	IV
831	19.469229	79.456978	19.63	IV
832	19.457037	79.454051	12.56	IV
833	19.467990	79.453190	7.94	IV
834	19.462650	79.450016	20.85	IV
835	19.475913	79.455058	5.95	IV
836	19.454909	79.463299	5.21	IV
837	19.471284	79.462035	9.48	IV
838	19.464383	79.464575	6.98	IV
839	19.461469	79.461229	7.39	IV
840	19.466208	79.455075	5.34	IV
841	19.473614	79.451557	6.52	IV
842	19.459249	79.462358	59.73	V
843	19.469081	79.463299	29.98	V
844	19.453265	79.463360	34.12	V

Legend

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

Suitability Index

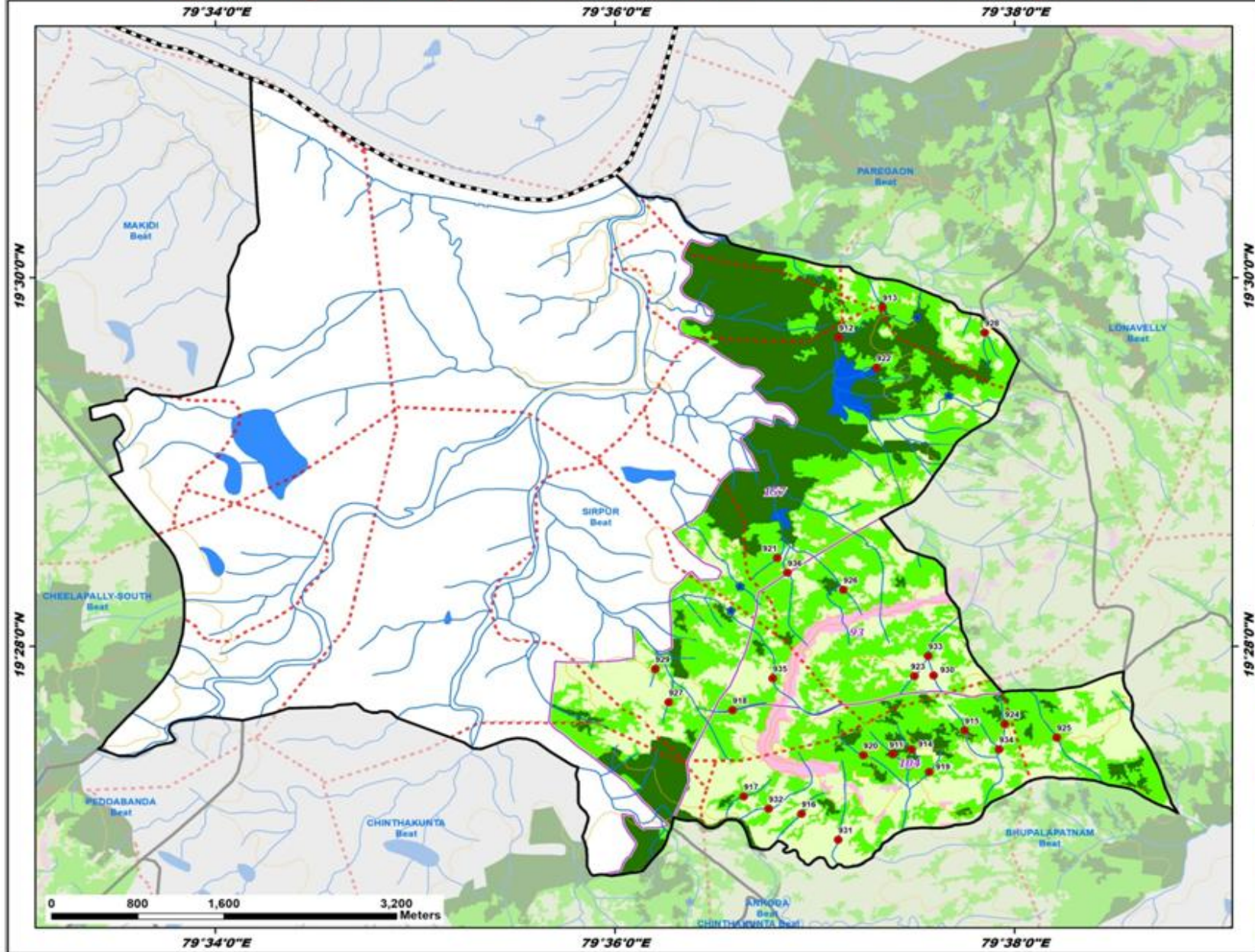
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body



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



Division : Kaghaznagar
Range : Sirpur



ID	Latitude	Longitude	Catchment Area(Ha)	Priority
911	19.456911	79.623206	8.75	I
912	19.494604	79.618709	7.13	I
913	19.497324	79.622342	16.81	I
914	19.457359	79.624766	13.11	II
915	19.459062	79.629191	9.62	II
916	19.451525	79.615581	5.93	II
917	19.453105	79.610762	9.81	II
918	19.460895	79.609847	21.19	II
919	19.455304	79.626237	9.55	II
920	19.456815	79.620748	8.65	II
921	19.474654	79.613560	8.88	II
922	19.491868	79.621837	17.94	II
923	19.463979	79.625015	22.20	II
924	19.459647	79.632541	11.02	II
925	19.458423	79.636880	44.10	III
926	19.471787	79.619081	8.65	IV
927	19.461613	79.604502	9.69	IV
928	19.495034	79.630874	15.80	IV
929	19.464628	79.603393	7.52	IV
930	19.464048	79.626611	7.79	IV
931	19.449177	79.618656	25.44	V
932	19.451982	79.612852	26.05	V
933	19.465806	79.626144	36.36	V
934	19.457358	79.632062	29.27	V
935	19.463764	79.613177	35.58	V
936	19.473336	79.614407	34.13	V

Legend

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

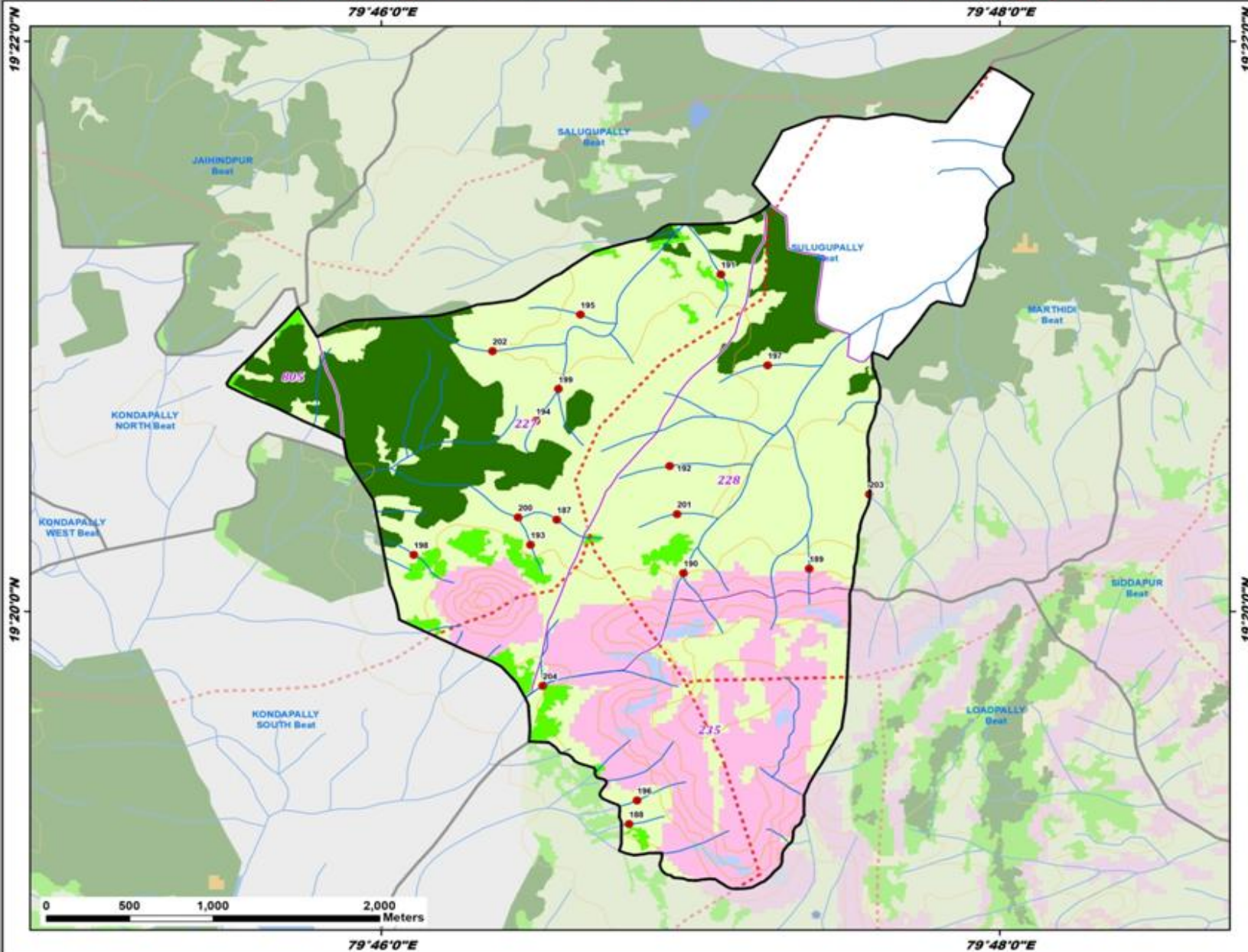
Suitability Index

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

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



Division : Kaghaznagar
Range : Sirpur



ID	Latitude	Longitude	Catchment Area(Ha)	Priority
187	19.338702	79.776144	14.37	IV
188	19.320913	79.780034	7.85	IV
189	19.335839	79.789752	5.45	IV
190	19.335582	79.782976	15.57	IV
191	19.353044	79.784980	8.13	IV
192	19.341847	79.782225	11.95	IV
193	19.337235	79.774728	16.39	IV
194	19.344477	79.775012	6.91	IV
195	19.350687	79.777407	7.99	IV
196	19.322300	79.780464	13.96	IV
197	19.347732	79.787510	15.92	IV
198	19.336656	79.768429	5.93	IV
199	19.346338	79.776225	24.93	IV
200	19.338850	79.774051	39.15	V
201	19.339035	79.782623	30.79	V
202	19.348553	79.772671	27.48	V
203	19.340185	79.793001	26.16	V
204	19.328989	79.775383	41.82	V

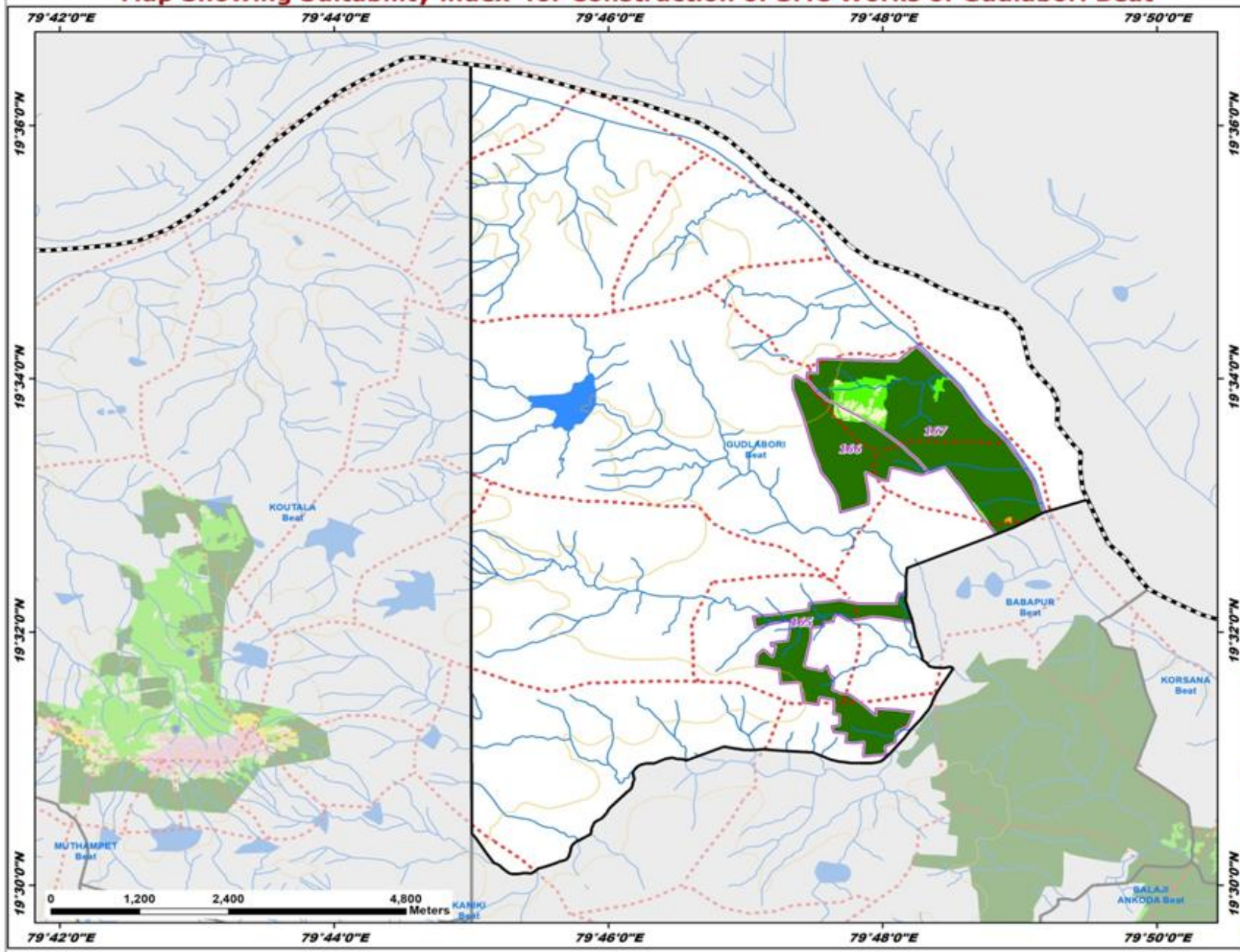
Legend

- 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 Gudlabori Beat



Division : Kaghaznagar
Range : Sirpur



Legend

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

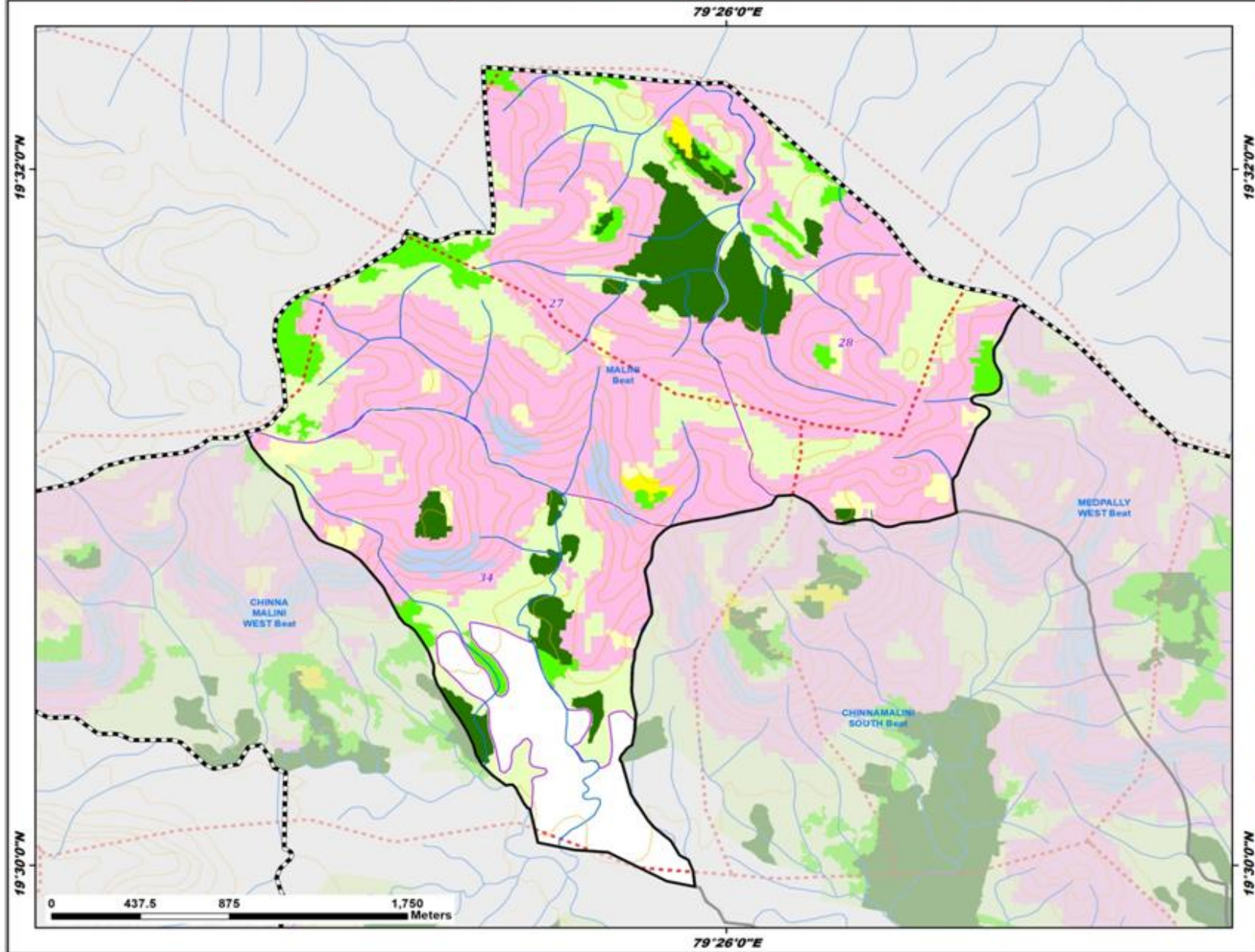
Suitability Index

- 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 Malini Beat



Division : Kaghaznagar
Range : Sirpur



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



79°26'0"E

19°32'0"N

19°30'0"N

19°32'0"N

19°30'0"N