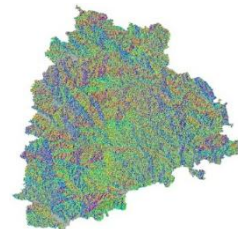
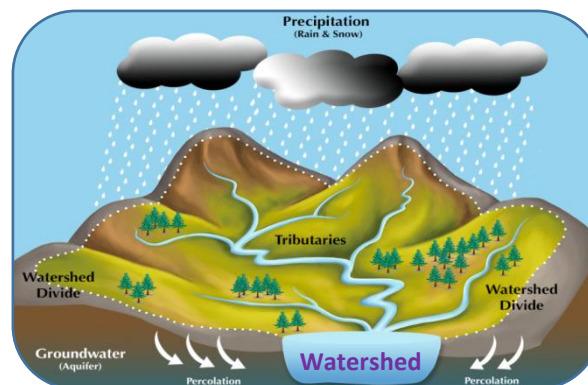


Government of Telangana – Forest Department



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

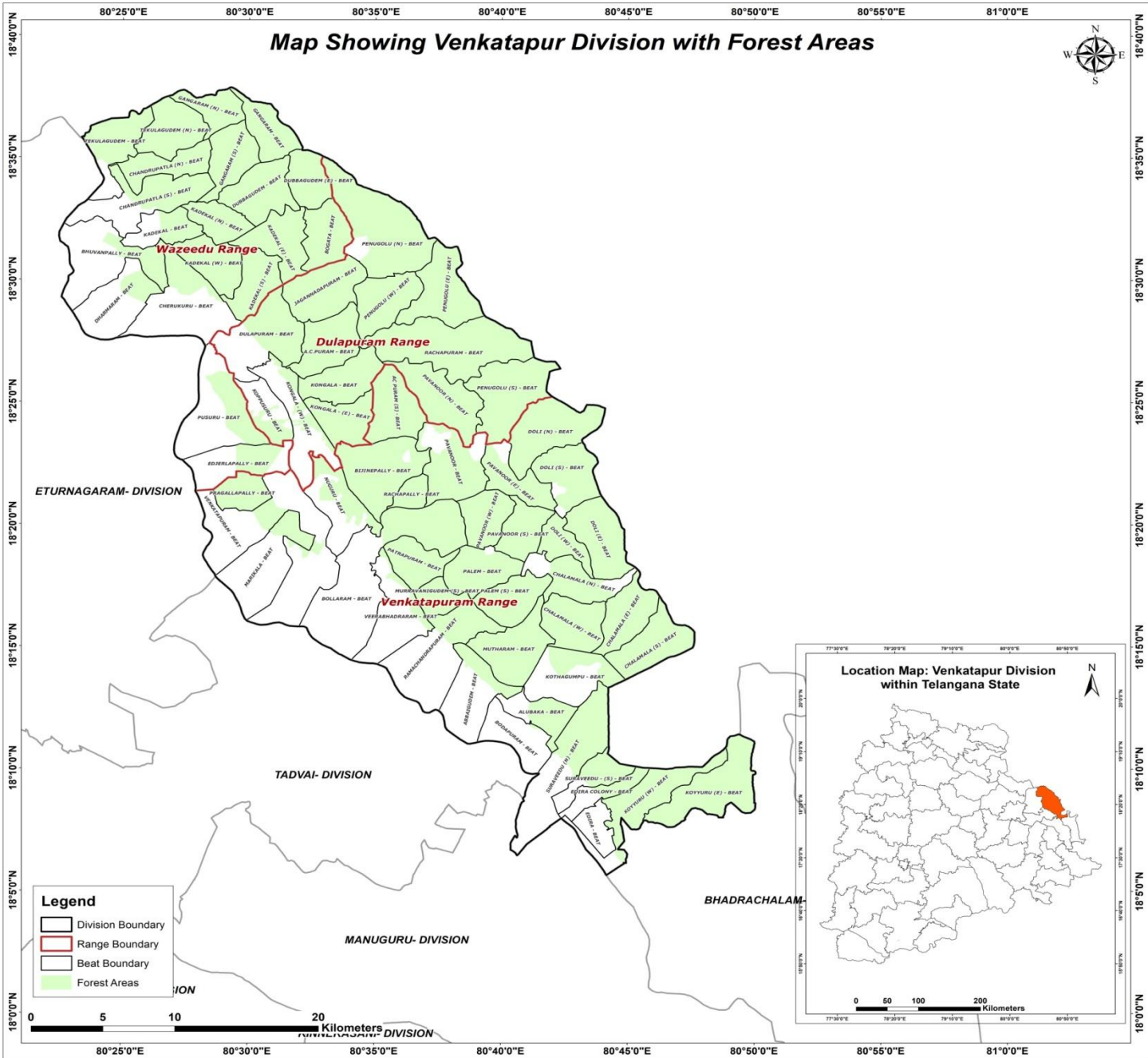


SITE SUITABILITY ANALYSIS FOR WATER HARVESTING STRUCTURES USING REMOTE SENSING & GIS

**Circle: Kaleshwaram
District: Mulugu
Division: Venkatapur**

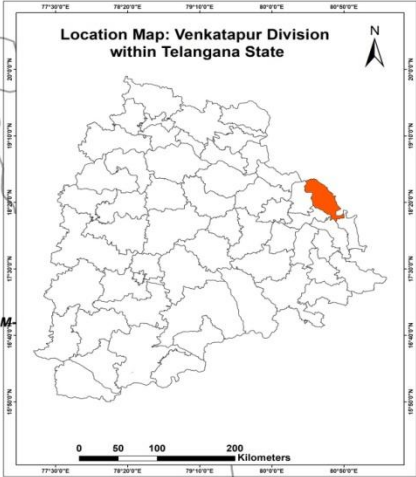
**Prepared at Geomatics Centre
O/o Prl.Chief Conservator of Forests
Aranya Bhavan, Saifabad
Hyderabad - 500004**

Map Showing Venkatapur Division with Forest Areas



Legend

- Division Boundary
- Range Boundary
- Beat Boundary
- Forest Areas



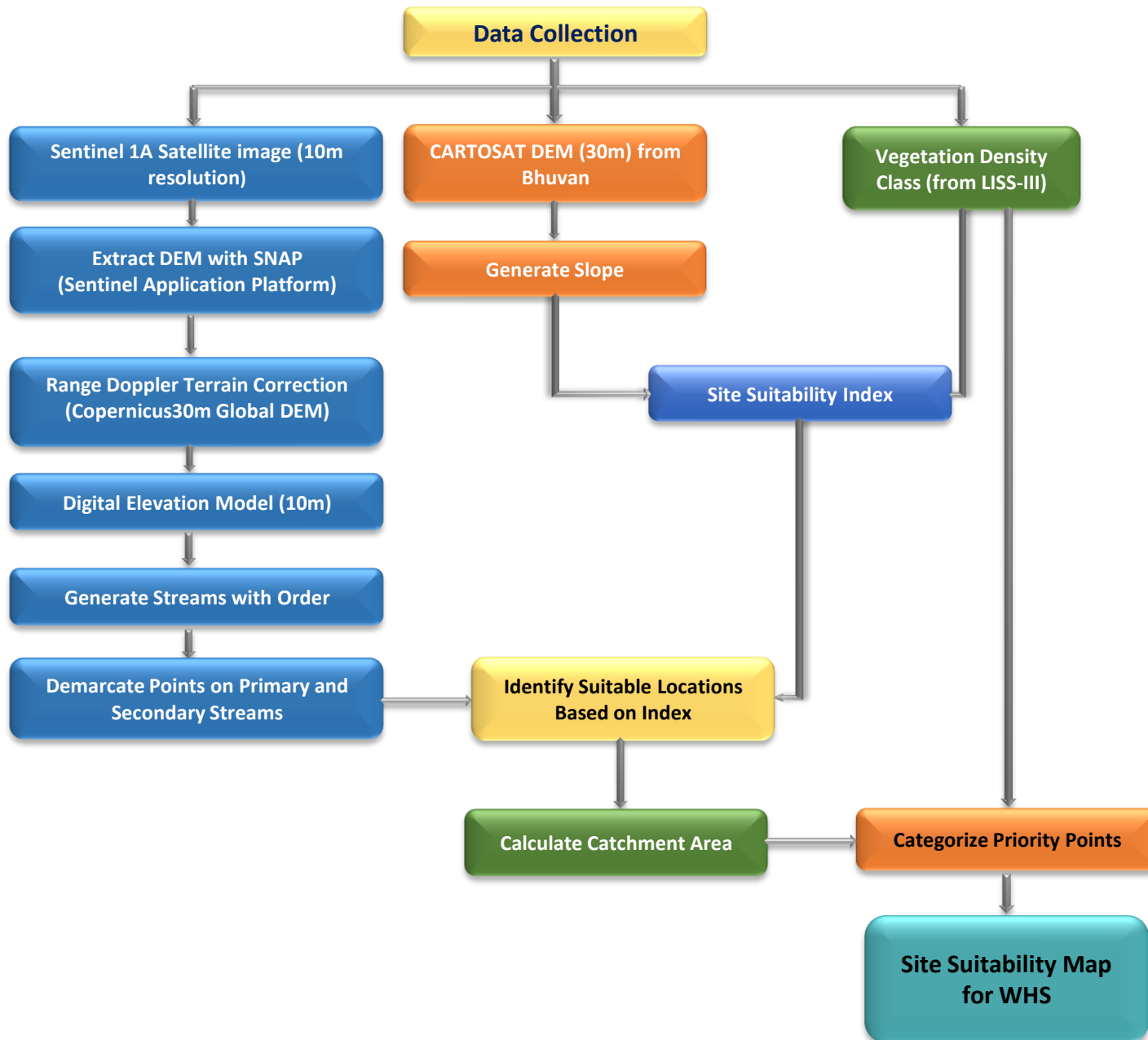
METHODOLOGY

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

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



FLOW CHART FOR METHODOLOGY



Guidelines for building Percolation Tanks:

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



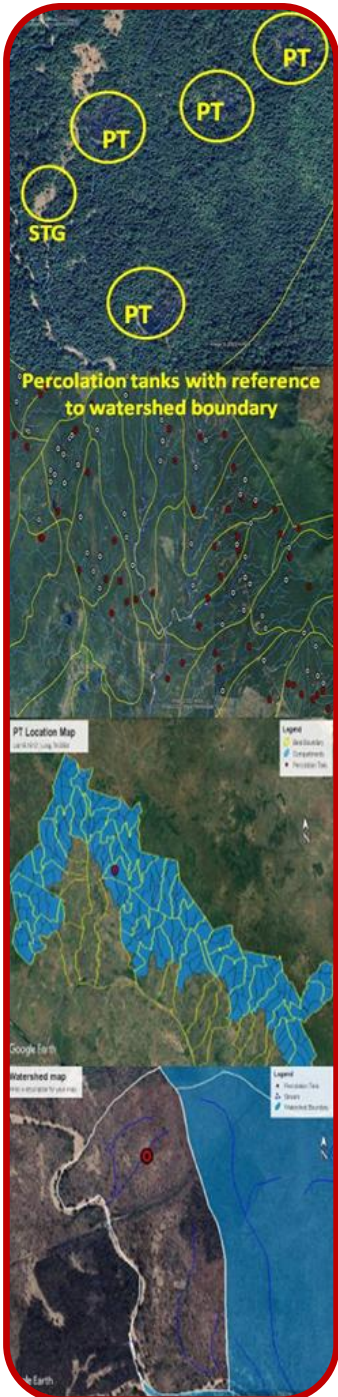
Suitability criteria for Check-Dams and Percolation Tanks (SITE SUITABILITY INDEX)

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

Suitability criteria for Continuous/Staggered contour trenches

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





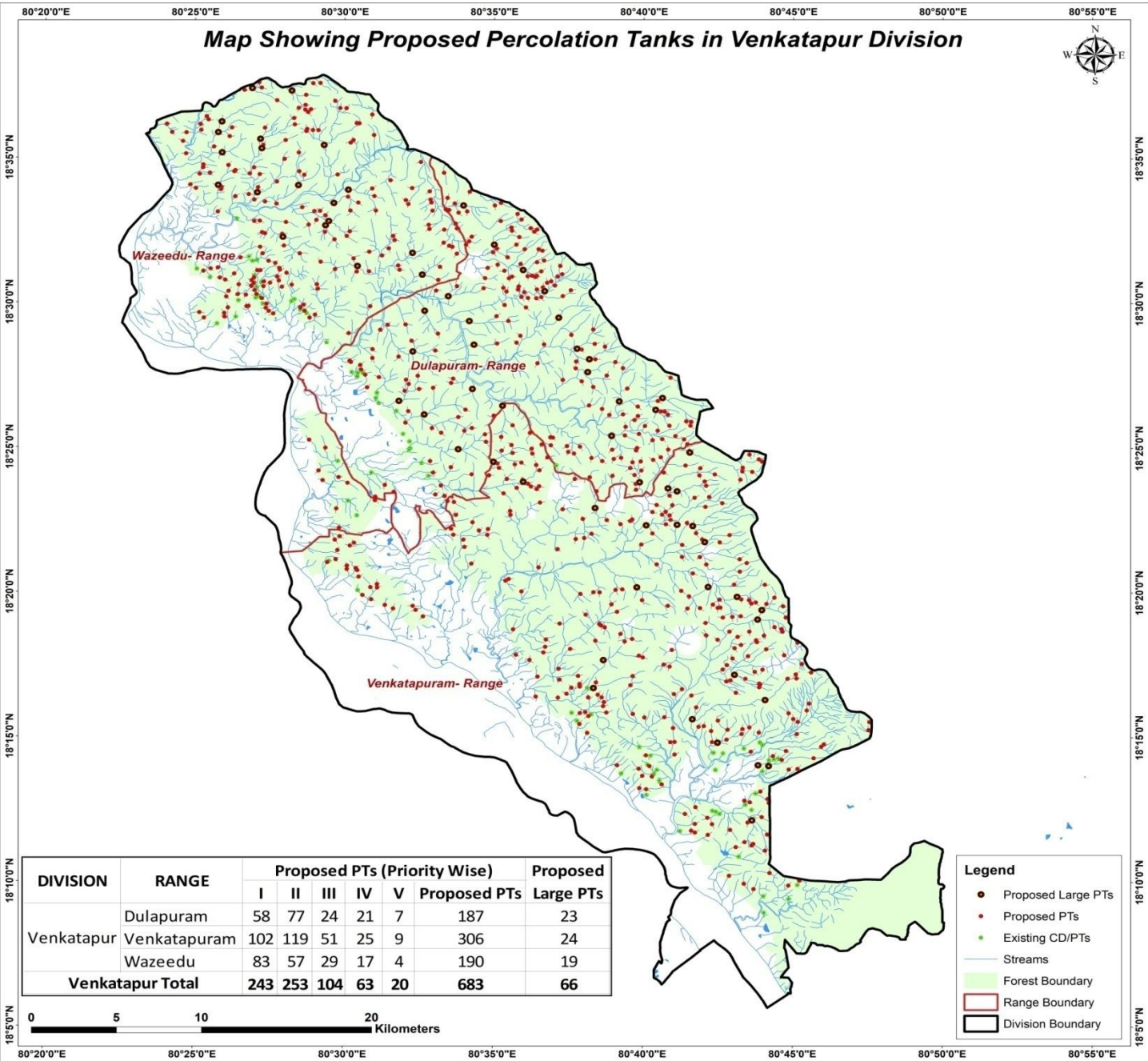
PRIORITY CLASSES FOR PERCOLATION TANK

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





Map Showing Proposed Percolation Tanks in Venkatapur Division

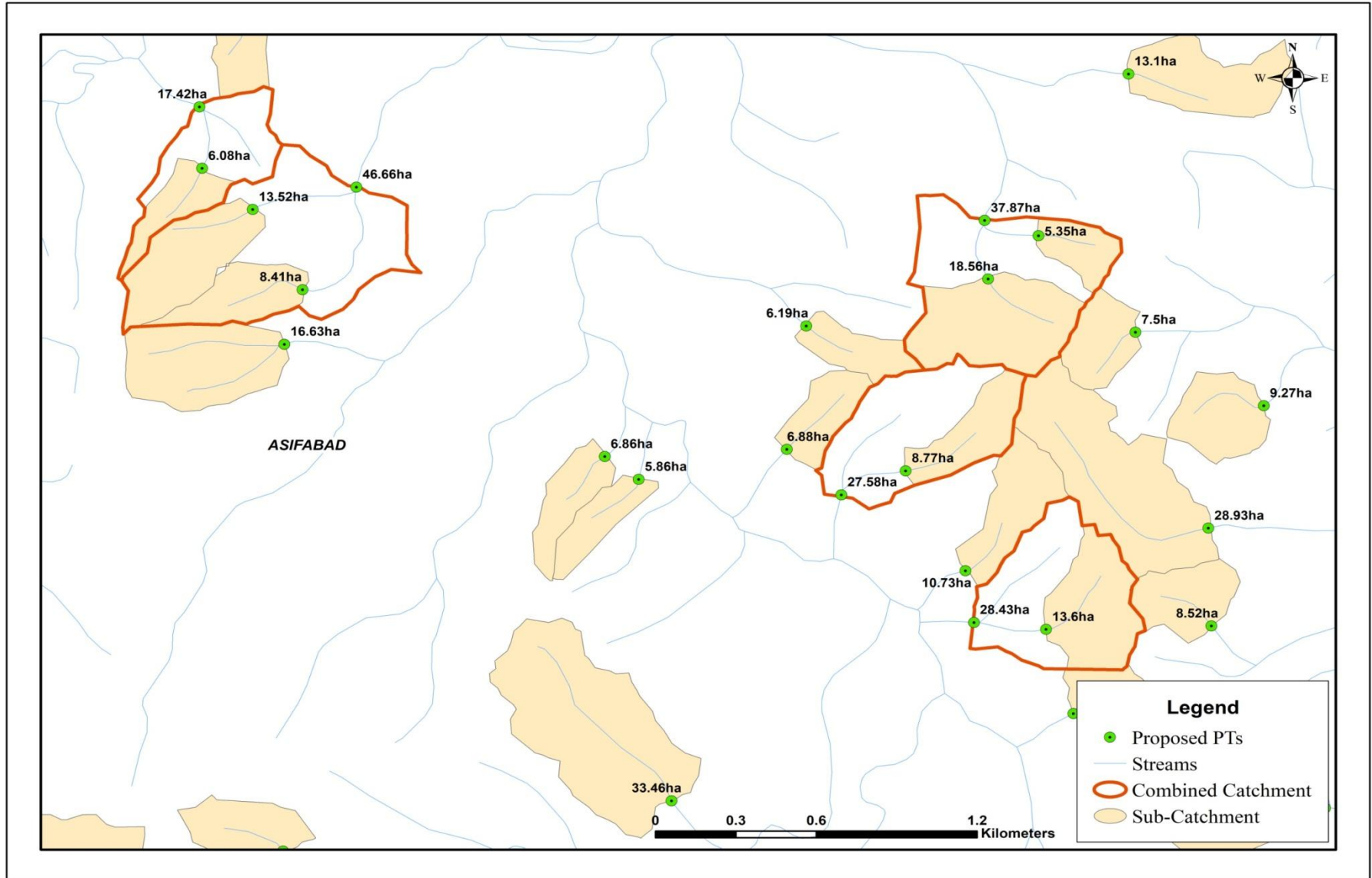


DIVISION	RANGE	Proposed PTs (Priority Wise)					Proposed PTs	Proposed Large PTs
		I	II	III	IV	V		
Venkatapur	Dulapuram	58	77	24	21	7	187	23
	Venkatapuram	102	119	51	25	9	306	24
	Wazeedu	83	57	29	17	4	190	19
Venkatapur Total		243	253	104	63	20	683	66

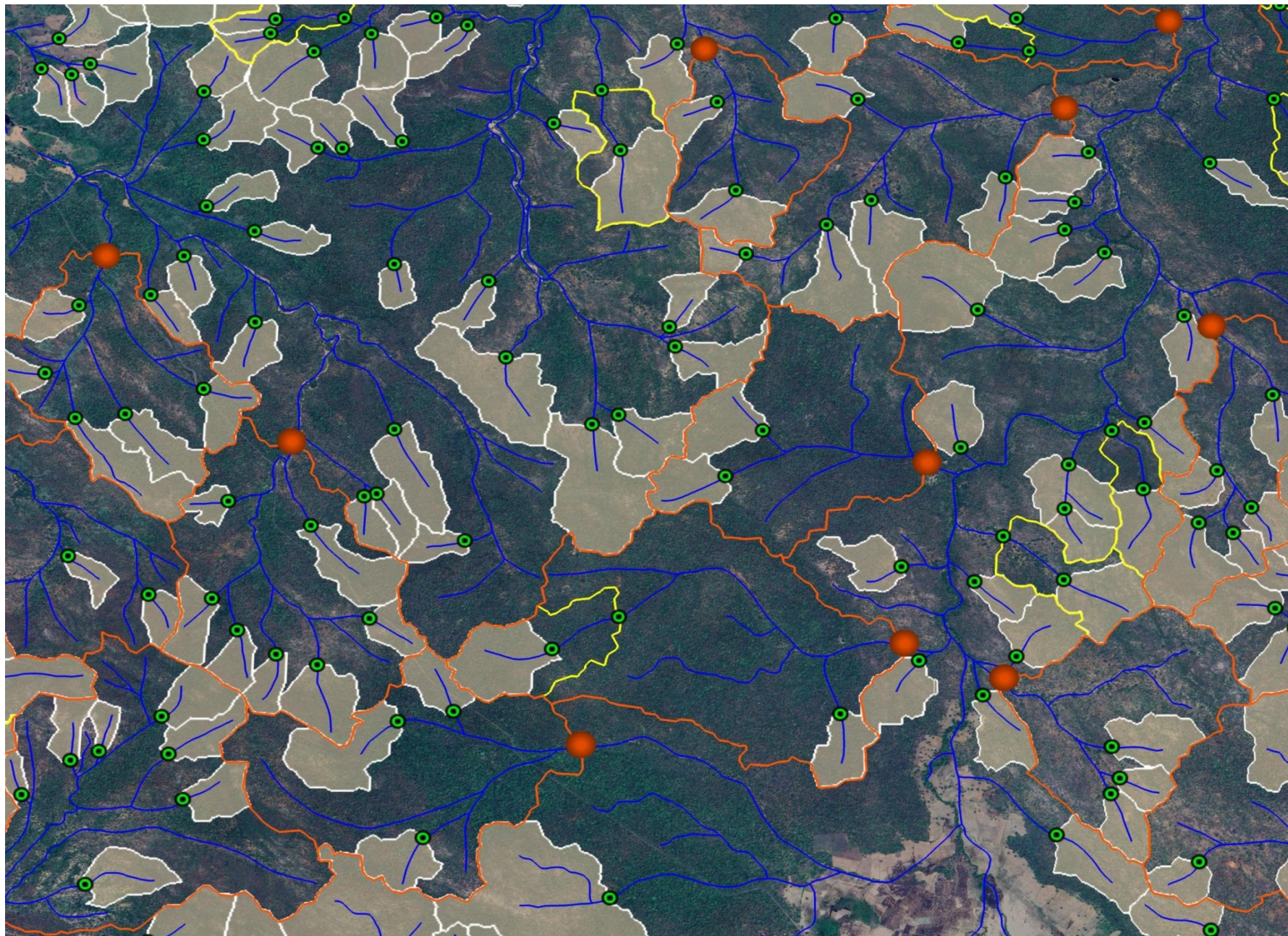
- Legend**
- Proposed Large PTs
 - Proposed PTs
 - Existing CD/PTs
 - Streams
 - Forest Boundary
 - Range Boundary
 - Division Boundary



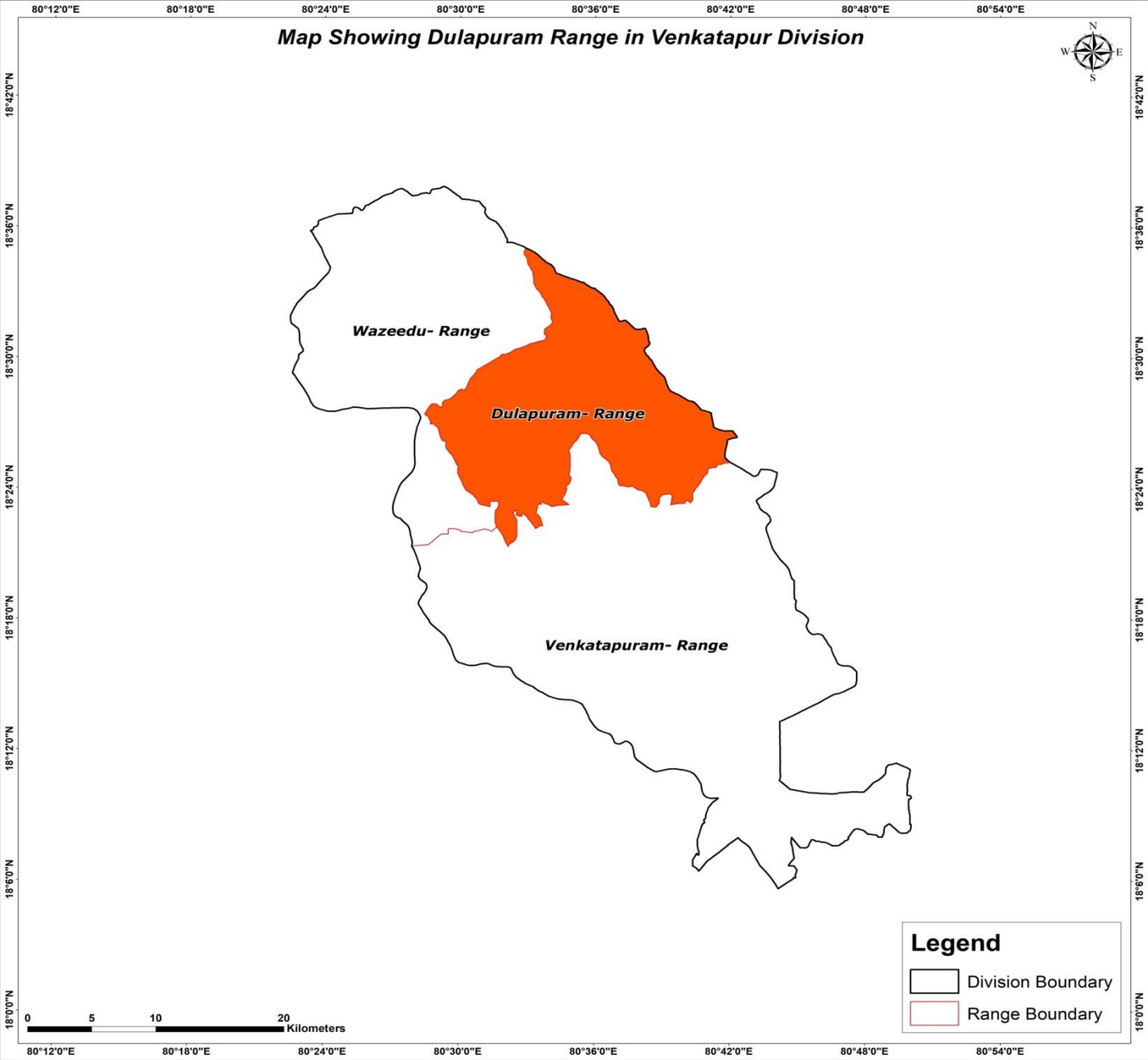
CATCHMENT AREA



Sample Catchment Map



Map Showing Dulapuram Range in Venkatapur Division



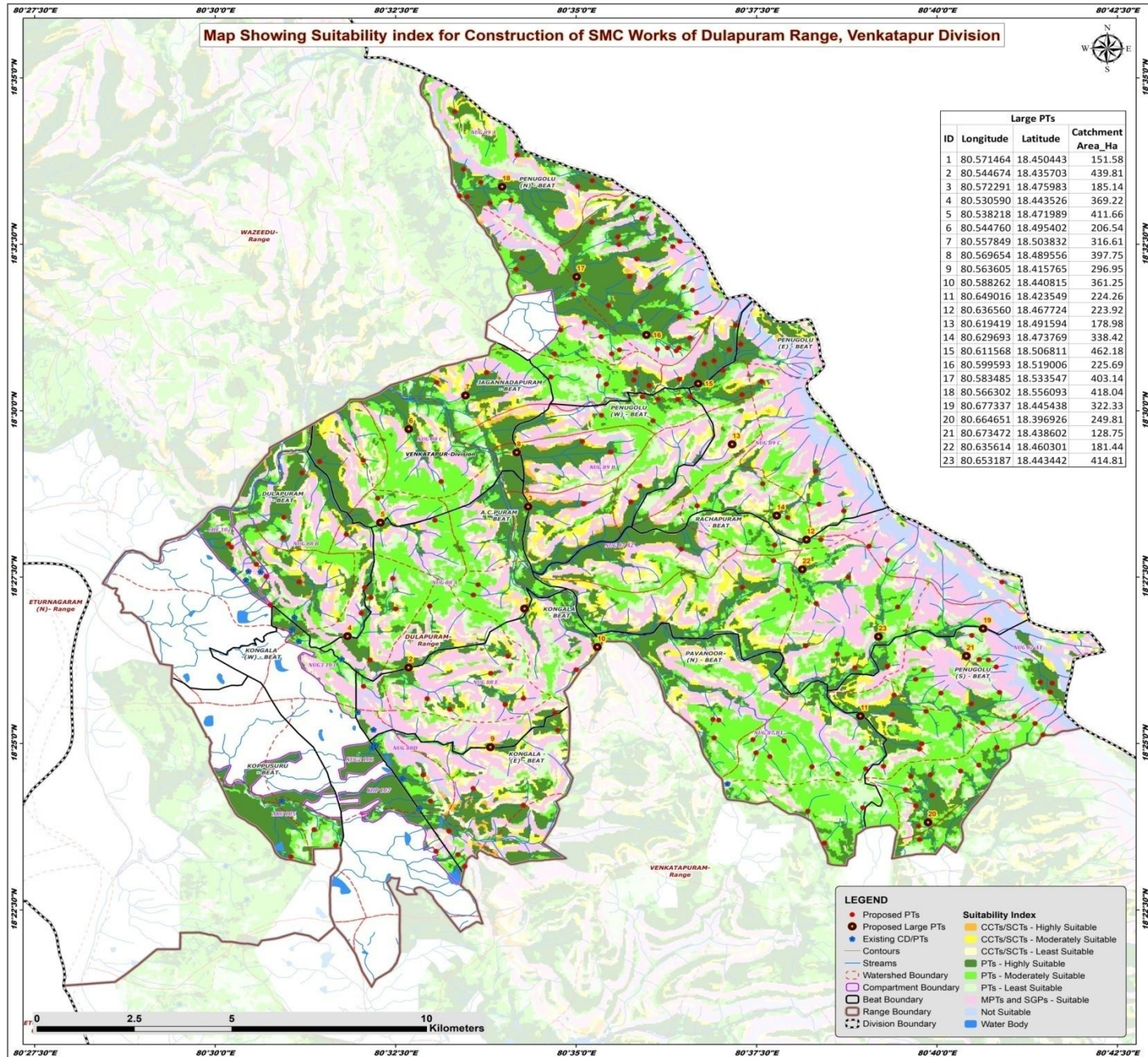
Legend

- Division Boundary
- Range Boundary

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



Large PTs			
ID	Longitude	Latitude	Catchment Area_Ha
1	80.571464	18.450443	151.58
2	80.544674	18.435703	439.81
3	80.572291	18.475983	185.14
4	80.530590	18.443526	369.22
5	80.538218	18.471989	411.66
6	80.544760	18.495402	206.54
7	80.557849	18.503832	316.61
8	80.569654	18.489556	397.75
9	80.563605	18.415765	296.95
10	80.588262	18.440815	361.25
11	80.649016	18.423549	224.26
12	80.636560	18.467724	223.92
13	80.619419	18.491594	178.98
14	80.629693	18.473769	338.42
15	80.611568	18.506811	462.18
16	80.599593	18.519006	225.69
17	80.583485	18.533547	403.14
18	80.566302	18.556093	418.04
19	80.677337	18.445438	322.33
20	80.664651	18.396926	249.81
21	80.673472	18.438602	128.75
22	80.635614	18.460301	181.44
23	80.653187	18.443442	414.81



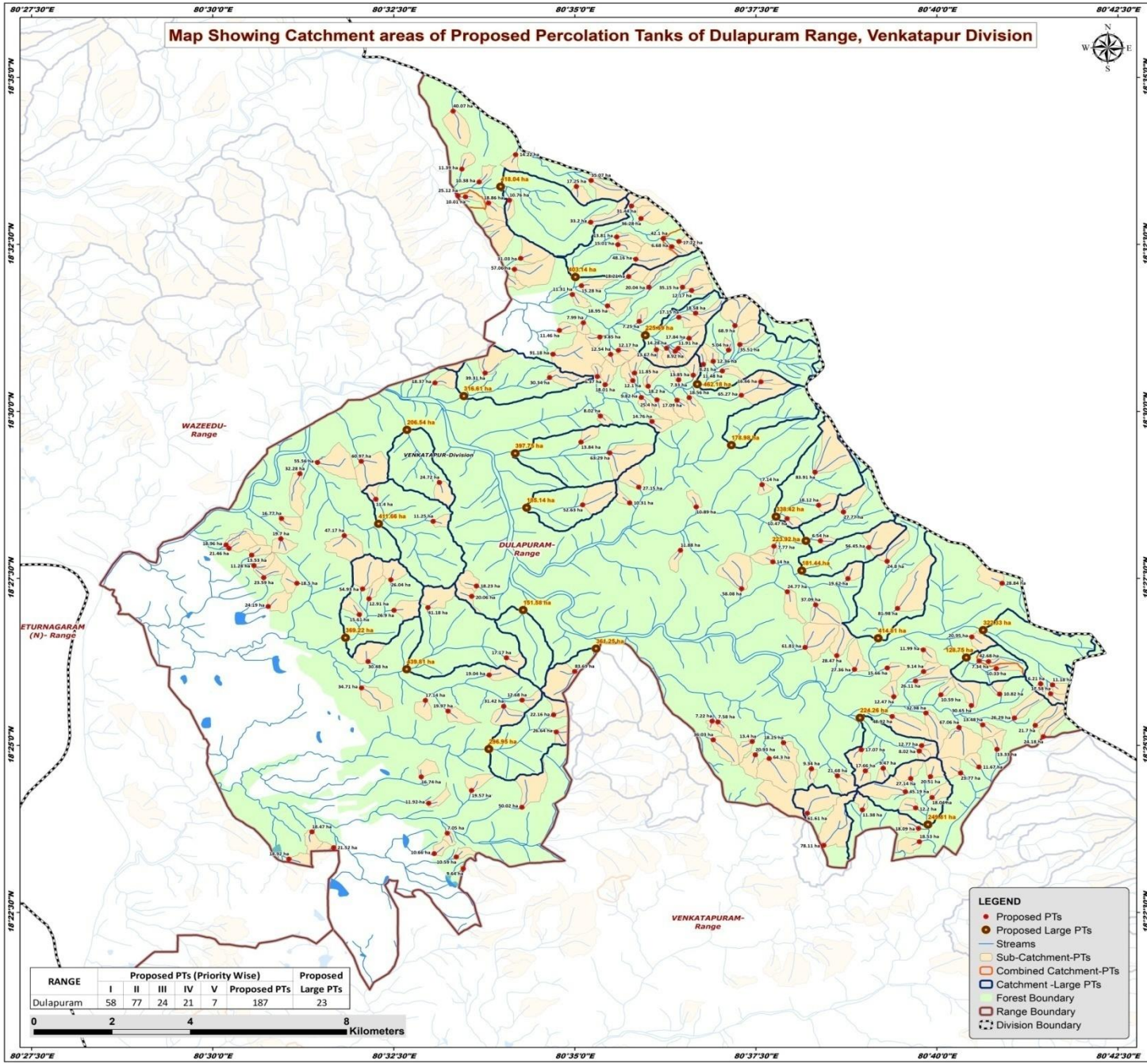
LEGEND

- Proposed Large PTs
- Existing CD/PTs
- Contours
- Streams
- Watershed 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 SGP - Suitable
- Not Suitable
- Water Body

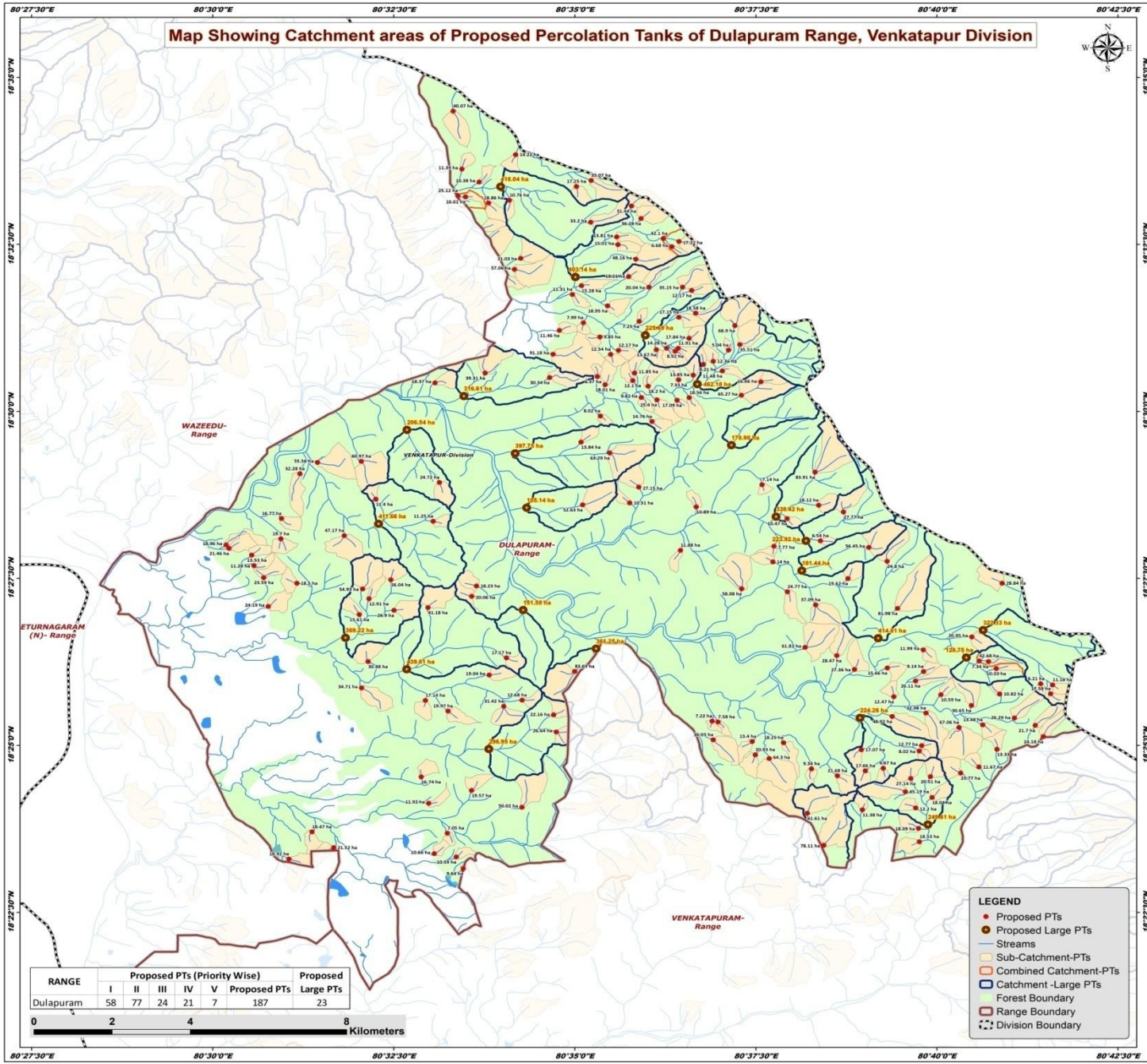
Map Showing Catchment areas of Proposed Percolation Tanks of Dulapuram Range, Venkatapur Division



RANGE	Proposed PTs (Priority Wise)					Proposed Large PTs
	I	II	III	IV	V	
Dulapuram	58	77	24	21	7	187
	2					4
	2					8



- 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 – Dulapuram Range

S. No.	Beat	Proposed PT's
1	A.C.PURAM	8
2	DULAPURAM	13
3	JAGANNADAPURAM	6
4	KONGALA	9
5	KONGALA - (E)	8
6	KONGALA -(W)	1
7	KOPPUSURU	3
8	PAVANOOR (N)	14
9	PENUGOLU (E)	10
10	PENUGOLU (N)	54
11	PENUGOLU (S)	35
12	PENUGOLU (W)	11
13	RACHAPURAM	15
	Total	187

List of Proposed PTs – Dulapuram Range

ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat	ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat	ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat
1	18.453276	80.536003	12.91	I	A.C.PURAM	41	18.402247	80.549738	11.92	II	KONGALA - (E)	81	18.509064	80.610621	13.85	I	PENUGOLU (N)
2	18.456445	80.560743	18.23	II	A.C.PURAM	42	18.388854	80.556104	10.59	II	KONGALA - (E)	82	18.542413	80.607350	17.22	I	PENUGOLU (N)
3	18.472594	80.550771	11.25	II	A.C.PURAM	43	18.420029	80.579102	26.64	II	KONGALA - (E)	83	18.556136	80.583753	17.25	I	PENUGOLU (N)
4	18.453897	80.559646	20.06	II	A.C.PURAM	44	18.401265	80.571201	50.02	III	KONGALA - (E)	84	18.553549	80.558214	10.01	I	PENUGOLU (N)
5	18.450381	80.541775	26.90	II	A.C.PURAM	45	18.389655	80.551009	10.66	II	KONGALA -(W)	85	18.560487	80.557379	11.39	I	PENUGOLU (N)
6	18.437594	80.535809	30.48	II	A.C.PURAM	46	18.388341	80.517572	18.92	I	KOPPUSURU	86	18.552697	80.568330	10.76	I	PENUGOLU (N)
7	18.458010	80.541037	26.04	III	A.C.PURAM	47	18.391167	80.527874	21.52	II	KOPPUSURU	87	18.529210	80.582830	11.31	I	PENUGOLU (N)
8	18.451078	80.549576	41.18	III	A.C.PURAM	48	18.395103	80.522891	18.47	IV	KOPPUSURU	88	18.533645	80.595779	18.21	I	PENUGOLU (N)
9	18.458557	80.511784	23.59	I	DULAPURAM	49	18.409092	80.643815	21.68	II	PAVANOOR (N)	89	18.526335	80.590899	18.95	I	PENUGOLU (N)
10	18.457134	80.519408	18.50	I	DULAPURAM	50	18.414358	80.624919	20.93	II	PAVANOOR (N)	90	18.552015	80.563523	18.86	I	PENUGOLU (N)
11	18.464168	80.509014	13.53	I	DULAPURAM	51	18.410331	80.650246	17.66	II	PAVANOOR (N)	91	18.543546	80.593016	13.81	I	PENUGOLU (N)
12	18.449334	80.533787	15.61	I	DULAPURAM	52	18.415601	80.649314	17.07	II	PAVANOOR (N)	92	18.523519	80.607314	17.15	I	PENUGOLU (N)
13	18.451342	80.512829	24.19	I	DULAPURAM	53	18.410844	80.637836	9.34	II	PAVANOOR (N)	93	18.541621	80.593295	15.01	I	PENUGOLU (N)
14	18.468226	80.515730	19.70	I	DULAPURAM	54	18.417365	80.631410	18.25	II	PAVANOOR (N)	94	18.564082	80.569771	14.22	I	PENUGOLU (N)
15	18.461561	80.509525	11.28	II	DULAPURAM	55	18.399742	80.636890	61.61	III	PAVANOOR (N)	95	18.531017	80.600420	20.04	I	PENUGOLU (N)
16	18.484465	80.520121	32.28	II	DULAPURAM	56	18.418082	80.615228	36.03	III	PAVANOOR (N)	96	18.557273	80.561372	10.38	II	PENUGOLU (N)
17	18.466707	80.503108	18.96	II	DULAPURAM	57	18.400612	80.649561	11.38	IV	PAVANOOR (N)	97	18.531391	80.584909	15.28	II	PENUGOLU (N)
18	18.473298	80.515852	16.77	II	DULAPURAM	58	18.391745	80.640682	78.11	IV	PAVANOOR (N)	98	18.538210	80.570941	31.03	II	PENUGOLU (N)
19	18.465841	80.503784	21.46	II	DULAPURAM	59	18.417677	80.624201	13.40	IV	PAVANOOR (N)	99	18.522492	80.598207	7.25	II	PENUGOLU (N)
20	18.455749	80.534535	54.93	III	DULAPURAM	60	18.422728	80.614975	7.22	IV	PAVANOOR (N)	100	18.557642	80.587147	35.07	II	PENUGOLU (N)
21	18.469038	80.530319	47.17	III	DULAPURAM	61	18.413405	80.628114	64.30	IV	PAVANOOR (N)	101	18.537997	80.597410	48.16	II	PENUGOLU (N)
22	18.507136	80.551205	18.37	I	JAGANNADAPURAM	62	18.422537	80.616340	7.58	IV	PAVANOOR (N)	102	18.551271	80.596430	31.44	II	PENUGOLU (N)
23	18.478116	80.537587	11.40	II	JAGANNADAPURAM	63	18.510112	80.617313	11.48	I	PENUGOLU (E)	103	18.574927	80.555383	40.07	II	PENUGOLU (N)
24	18.482291	80.552211	24.72	II	JAGANNADAPURAM	64	18.507418	80.626201	16.66	I	PENUGOLU (E)	104	18.522144	80.585344	7.99	II	PENUGOLU (N)
25	18.509589	80.562747	39.31	II	JAGANNADAPURAM	65	18.481744	80.626461	7.14	II	PENUGOLU (E)	105	18.547215	80.587021	33.20	II	PENUGOLU (N)
26	18.487305	80.524145	55.56	III	JAGANNADAPURAM	66	18.476591	80.639495	18.12	II	PENUGOLU (E)	106	18.520216	80.579844	11.46	II	PENUGOLU (N)
27	18.487559	80.534234	60.97	III	JAGANNADAPURAM	67	18.473277	80.632212	10.47	II	PENUGOLU (E)	107	18.515761	80.607165	11.91	II	PENUGOLU (N)
28	18.424306	80.578496	22.16	I	KONGALA	68	18.476176	80.611306	10.89	II	PENUGOLU (E)	108	18.514268	80.591634	12.54	II	PENUGOLU (N)
29	18.438547	80.567637	17.17	I	KONGALA	69	18.516673	80.621377	35.51	II	PENUGOLU (E)	109	18.508704	80.588570	6.37	II	PENUGOLU (N)
30	18.427992	80.571237	12.68	I	KONGALA	70	18.484848	80.638674	83.91	III	PENUGOLU (E)	110	18.518579	80.589141	9.85	II	PENUGOLU (N)
31	18.434264	80.563652	19.04	I	KONGALA	71	18.504032	80.621698	65.27	III	PENUGOLU (E)	111	18.506676	80.590338	18.01	II	PENUGOLU (N)
32	18.425231	80.554199	19.97	II	KONGALA	72	18.474926	80.645219	27.77	V	PENUGOLU (E)	112	18.508451	80.577561	30.34	III	PENUGOLU (N)
33	18.427919	80.549011	17.14	II	KONGALA	73	18.507879	80.607276	7.33	I	PENUGOLU (N)	113	18.521420	80.620243	68.90	III	PENUGOLU (N)
34	18.426447	80.567023	31.42	II	KONGALA	74	18.506294	80.600247	18.20	I	PENUGOLU (N)	114	18.548135	80.598602	36.28	III	PENUGOLU (N)
35	18.435139	80.583369	83.69	III	KONGALA	75	18.511751	80.612974	8.21	I	PENUGOLU (N)	115	18.524522	80.611197	18.58	IV	PENUGOLU (N)
36	18.431012	80.534303	34.71	V	KONGALA	76	18.518252	80.609664	17.84	I	PENUGOLU (N)	116	18.530198	80.610272	12.17	IV	PENUGOLU (N)
37	18.394792	80.554038	7.05	I	KONGALA - (E)	77	18.512513	80.615231	12.36	I	PENUGOLU (N)	117	18.535458	80.569487	57.06	IV	PENUGOLU (N)
38	18.408838	80.548035	16.74	I	KONGALA - (E)	78	18.515305	80.618763	5.04	I	PENUGOLU (N)	118	18.541106	80.605718	6.68	IV	PENUGOLU (N)
39	18.405434	80.559614	19.57	I	KONGALA - (E)	79	18.507717	80.596708	12.10	I	PENUGOLU (N)	119	18.515793	80.604517	14.28	IV	PENUGOLU (N)
40	18.385951	80.557704	9.64	I	KONGALA - (E)	80	18.509610	80.597137	11.85	I	PENUGOLU (N)	120	18.515238	80.593387	12.17	IV	PENUGOLU (N)

List of Proposed PTs – Dulapuram Range

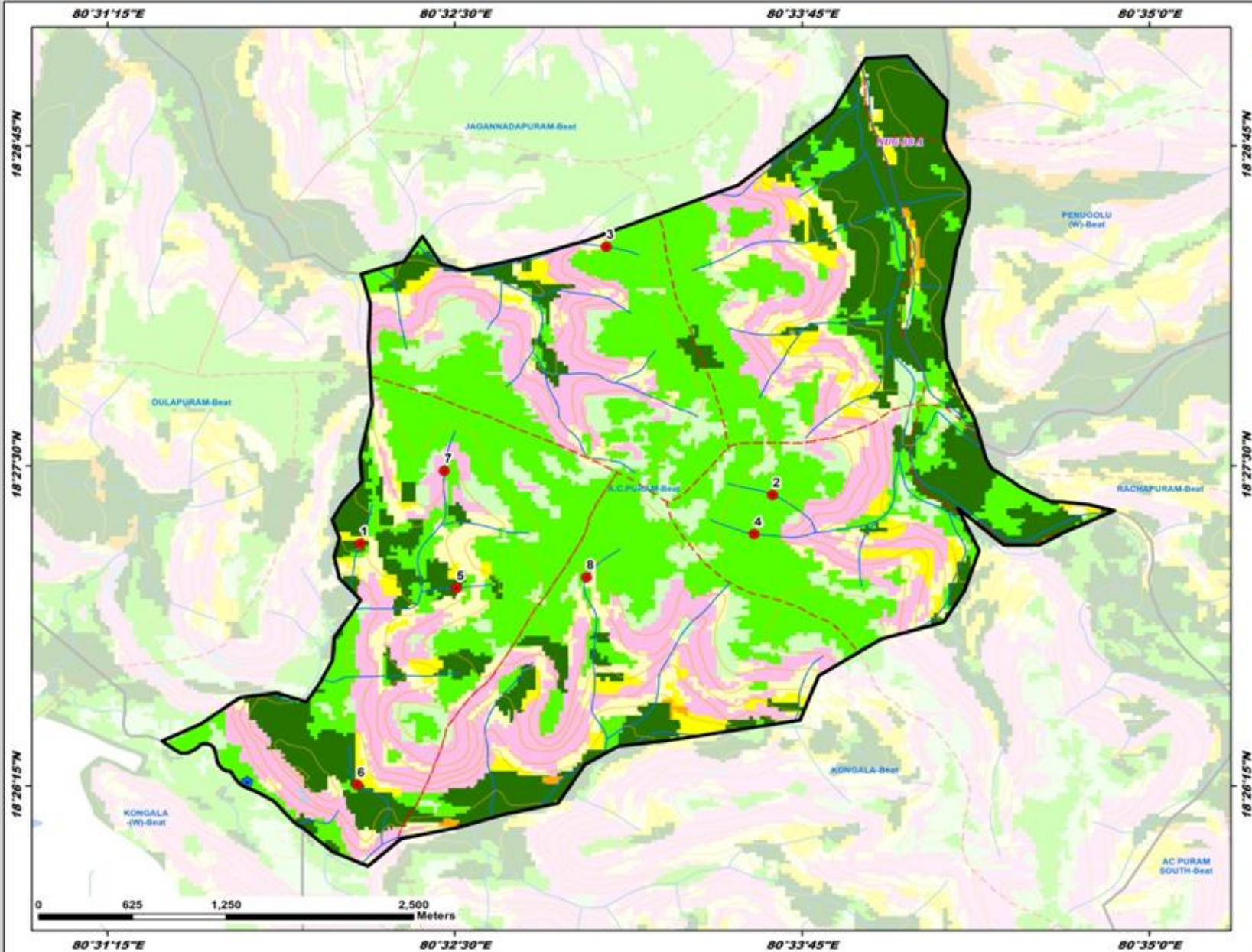
ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat
121	18.515052	80.606481	8.92	IV	PENUGOLU (N)
122	18.514295	80.578362	91.18	IV	PENUGOLU (N)
123	18.515434	80.602134	13.67	IV	PENUGOLU (N)
124	18.531028	80.608176	35.15	V	PENUGOLU (N)
125	18.553827	80.556470	25.12	V	PENUGOLU (N)
126	18.543133	80.603762	42.10	V	PENUGOLU (N)
127	18.408891	80.665214	20.51	I	PENUGOLU (S)
128	18.436000	80.655294	15.66	I	PENUGOLU (S)
129	18.403670	80.665609	18.04	I	PENUGOLU (S)
130	18.416649	80.663184	12.77	I	PENUGOLU (S)
131	18.429551	80.692881	17.58	I	PENUGOLU (S)
132	18.392652	80.662691	18.53	I	PENUGOLU (S)
133	18.401085	80.661839	12.20	I	PENUGOLU (S)
134	18.432057	80.690559	6.21	I	PENUGOLU (S)
135	18.428842	80.656803	12.47	I	PENUGOLU (S)
136	18.431795	80.693315	11.18	I	PENUGOLU (S)
137	18.415265	80.662658	8.02	II	PENUGOLU (S)
138	18.411289	80.676398	11.67	II	PENUGOLU (S)
139	18.410974	80.654350	9.47	II	PENUGOLU (S)
140	18.395986	80.662491	18.09	II	PENUGOLU (S)
141	18.415711	80.680535	13.33	II	PENUGOLU (S)
142	18.435102	80.663647	9.14	II	PENUGOLU (S)
143	18.421800	80.677232	13.48	II	PENUGOLU (S)
144	18.405127	80.659471	45.19	II	PENUGOLU (S)
145	18.423899	80.656417	48.92	II	PENUGOLU (S)
146	18.421677	80.689354	21.70	II	PENUGOLU (S)
147	18.440515	80.663561	11.99	II	PENUGOLU (S)
148	18.443738	80.674745	20.95	II	PENUGOLU (S)
149	18.429497	80.681146	10.82	II	PENUGOLU (S)
150	18.426628	80.674658	30.65	II	PENUGOLU (S)
151	18.418853	80.691194	24.18	II	PENUGOLU (S)
152	18.429331	80.667607	10.59	II	PENUGOLU (S)
153	18.424746	80.664206	32.98	III	PENUGOLU (S)
154	18.423510	80.684554	26.29	III	PENUGOLU (S)
155	18.432760	80.661806	26.11	III	PENUGOLU (S)
156	18.408405	80.660692	27.14	III	PENUGOLU (S)
157	18.409798	80.672165	23.77	IV	PENUGOLU (S)
158	18.435873	80.680364	10.33	IV	PENUGOLU (S)
159	18.421157	80.671805	67.06	IV	PENUGOLU (S)
160	18.437597	80.678589	7.34	IV	PENUGOLU (S)

ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat
161	18.437756	80.676431	42.68	V	PENUGOLU (S)
162	18.492364	80.584801	13.84	I	PENUGOLU (W)
163	18.502801	80.606910	17.09	I	PENUGOLU (W)
164	18.503448	80.609711	18.56	I	PENUGOLU (W)
165	18.477182	80.596003	10.31	I	PENUGOLU (W)
166	18.497485	80.601162	14.76	II	PENUGOLU (W)
167	18.481133	80.598098	27.15	II	PENUGOLU (W)
168	18.498876	80.589264	8.02	II	PENUGOLU (W)
169	18.502918	80.602271	25.40	II	PENUGOLU (W)
170	18.503499	80.598664	9.82	II	PENUGOLU (W)
171	18.489660	80.591417	63.29	III	PENUGOLU (W)
172	18.476700	80.585170	52.63	III	PENUGOLU (W)
173	18.458317	80.646237	19.62	I	RACHAPURAM
174	18.465370	80.607697	11.88	I	RACHAPURAM
175	18.451758	80.638798	37.09	II	RACHAPURAM
176	18.467719	80.639893	6.54	II	RACHAPURAM
177	18.466382	80.629207	7.77	II	RACHAPURAM
178	18.462478	80.628956	14.00	II	RACHAPURAM
179	18.462603	80.655263	24.80	II	RACHAPURAM
180	18.457145	80.681747	28.84	II	RACHAPURAM
181	18.435662	80.647741	27.36	II	RACHAPURAM
182	18.455021	80.632277	24.77	II	RACHAPURAM
183	18.441128	80.636378	61.81	III	RACHAPURAM
184	18.439064	80.643675	28.47	III	RACHAPURAM
185	18.455766	80.621785	58.08	III	RACHAPURAM
186	18.450870	80.657640	81.98	IV	RACHAPURAM
187	18.466079	80.651043	56.45	V	RACHAPURAM

Map Showing Suitability Index for Construction of SMC Works of A.C.Puram Beat



Division : Venkatapur
Range : Dulapuram



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
1	18.453276	80.536005	12.91	I
2	18.456445	80.560743	18.23	II
3	18.472594	80.550771	11.25	II
4	18.453897	80.559646	20.06	II
5	18.450381	80.541775	26.90	II
6	18.437594	80.535809	30.48	II
7	18.458010	80.543037	26.04	III
8	18.451078	80.549576	41.18	III

LEGEND

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

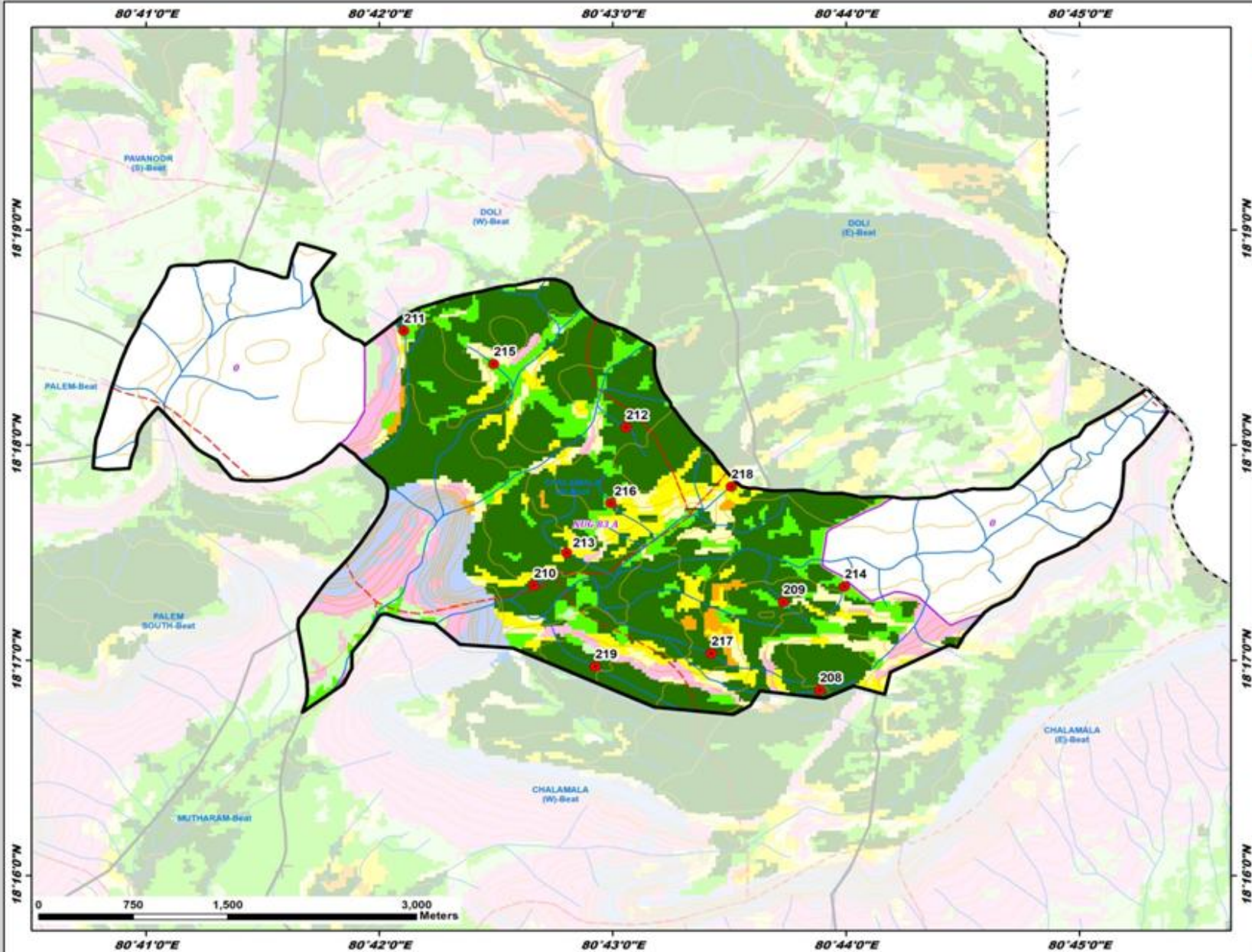
Suitability Index

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

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



Division : Venkatapur
Range : Dulapuram



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
208	18.281022	80.731452	4.61	I
209	18.287843	80.728861	9.82	I
210	18.289111	80.731042	7.76	I
211	18.308869	80.701751	21.49	I
212	18.301383	80.717615	12.36	I
213	18.291672	80.713376	21.87	I
214	18.289053	80.733232	17.12	II
215	18.306284	80.708165	8.02	II
216	18.295525	80.716539	10.37	II
217	18.283867	80.723734	29.62	II
218	18.296797	80.725139	18.89	II
219	18.282864	80.715422	35.09	II

LEGEND

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

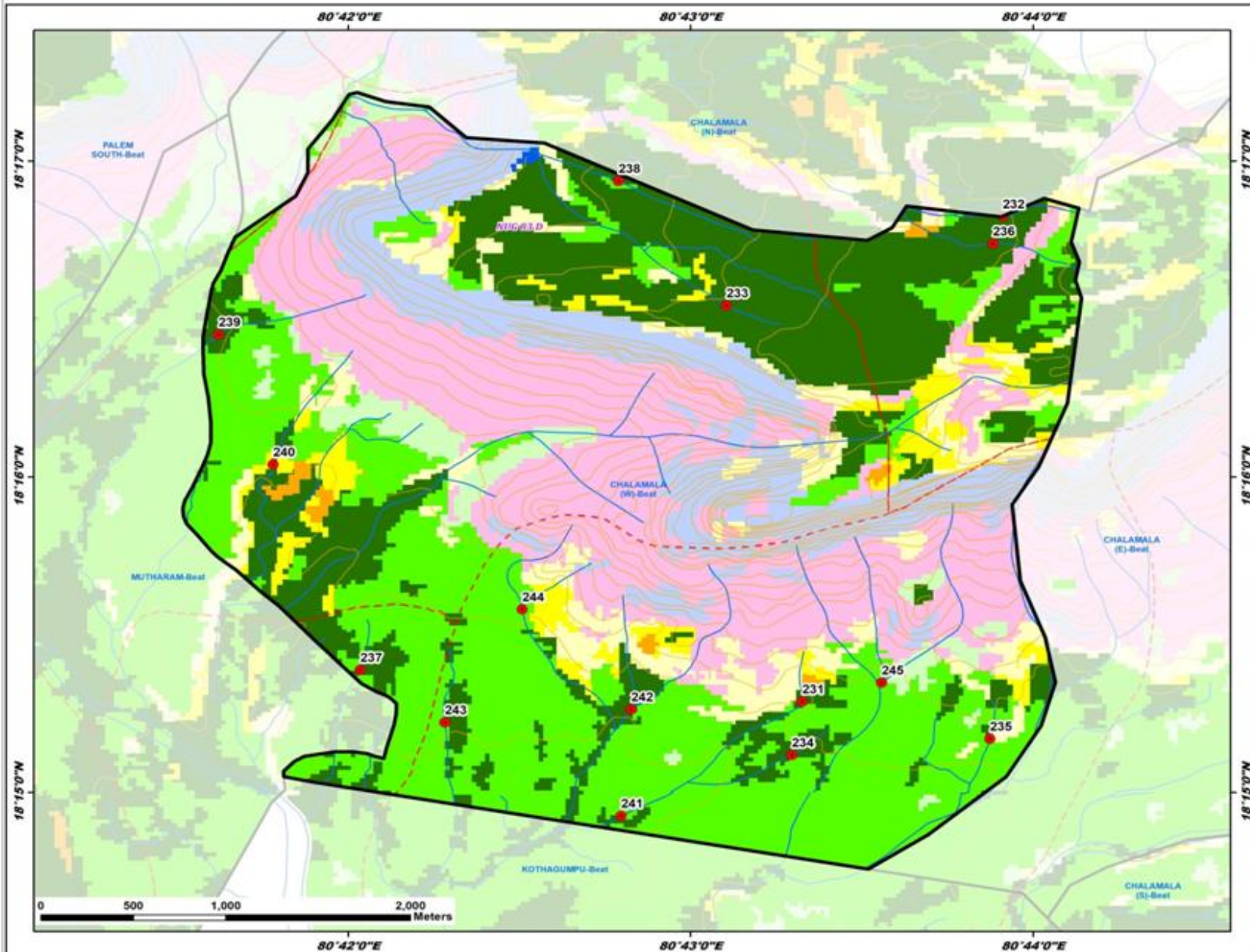
Suitability Index

- 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 Chalamala West Beat



Division : Venkatapur
Range : Dulapuram



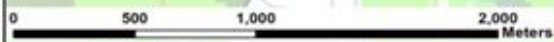
ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
231	18.254806	80.722101	21.37	I
232	18.280410	80.731861	22.23	I
233	18.275714	80.718411	18.46	I
234	18.251982	80.721594	5.14	I
235	18.252836	80.731241	10.12	I
236	18.278970	80.731377	18.13	I
237	18.256478	80.700587	29.28	II
238	18.282286	80.713148	18.31	II
239	18.274181	80.693682	48.93	II
240	18.267319	80.696342	51.61	III
241	18.248771	80.713277	80.99	III
242	18.254396	80.713778	63.32	III
243	18.253709	80.704695	37.16	III
244	18.259678	80.708466	42.00	III
245	18.255804	80.725974	80.99	IV

LEGEND

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

Suitability Index

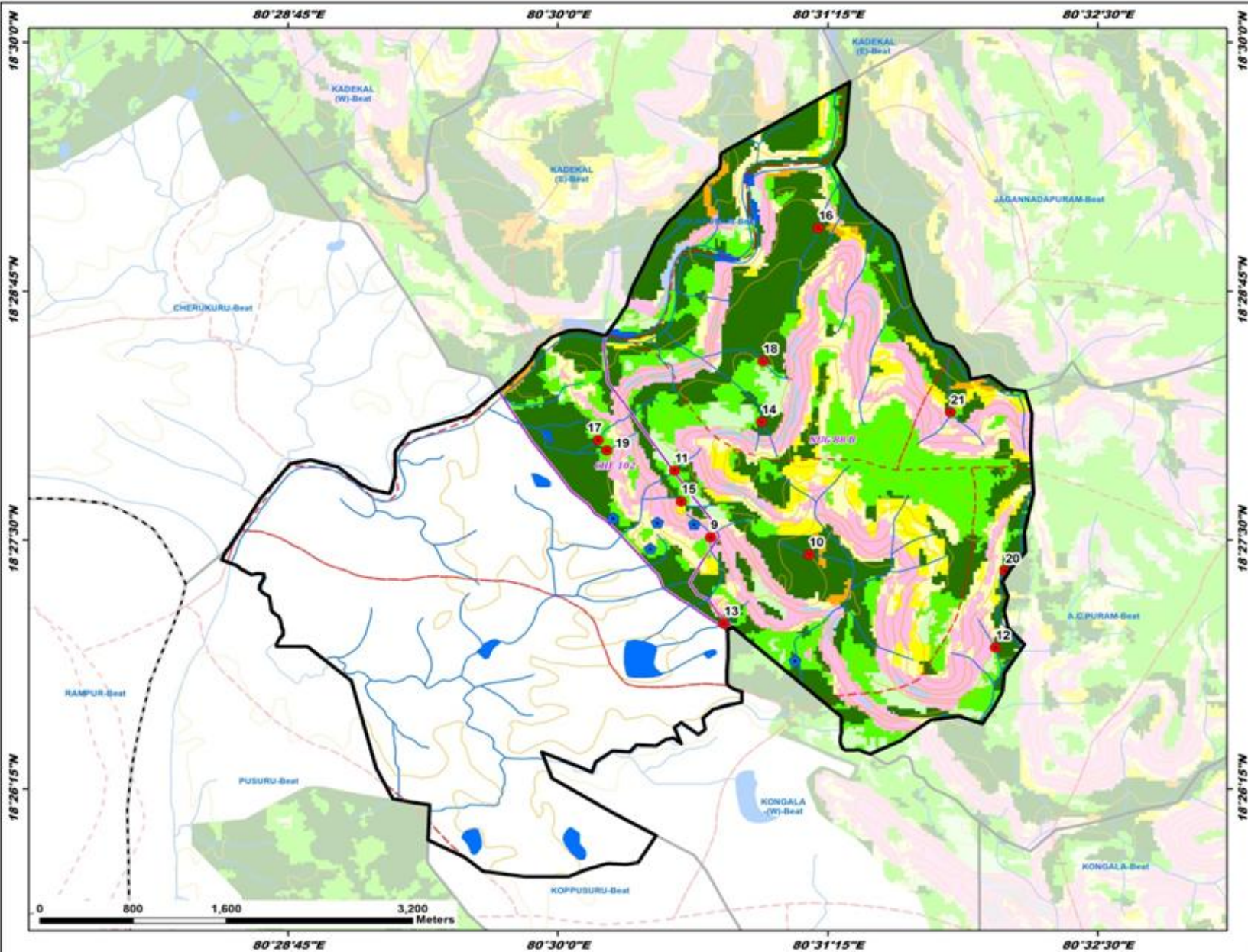
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body



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



Division : Venkatapur
Range : Dulapuram



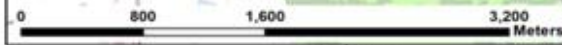
ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
9	18.458557	80.511784	23.59	I
10	18.457134	80.519408	18.50	I
11	18.464168	80.509014	13.53	I
12	18.449334	80.533787	15.61	I
13	18.451342	80.512829	24.19	I
14	18.468226	80.515730	19.70	I
15	18.461561	80.509525	11.28	II
16	18.484465	80.520121	32.28	II
17	18.466707	80.503108	18.96	II
18	18.473298	80.515852	16.77	II
19	18.465841	80.503784	21.46	II
20	18.455749	80.534535	54.93	III
21	18.469038	80.530519	47.17	III

LEGEND

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

Suitability Index

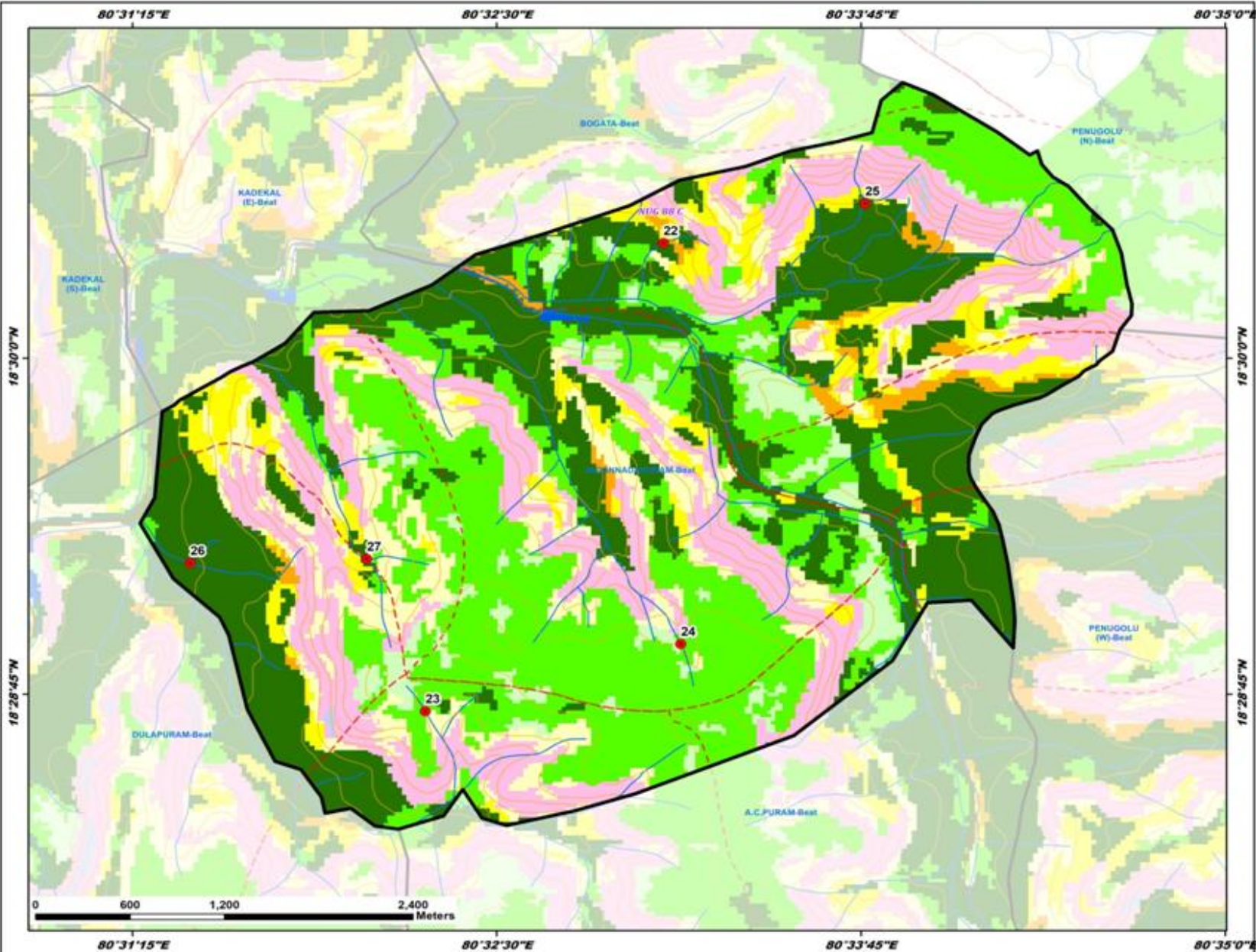
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- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body



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



Division : Venkatapur
Range : Dulapuram



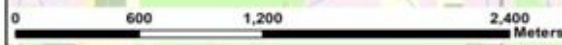
ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
22	18.507136	80.551205	18.17	I
23	18.478116	80.537587	11.40	II
24	18.482291	80.552211	24.72	II
25	18.509589	80.562747	39.31	II
26	18.487305	80.524145	55.56	III
27	18.487559	80.534234	60.97	III

LEGEND

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

Suitability Index

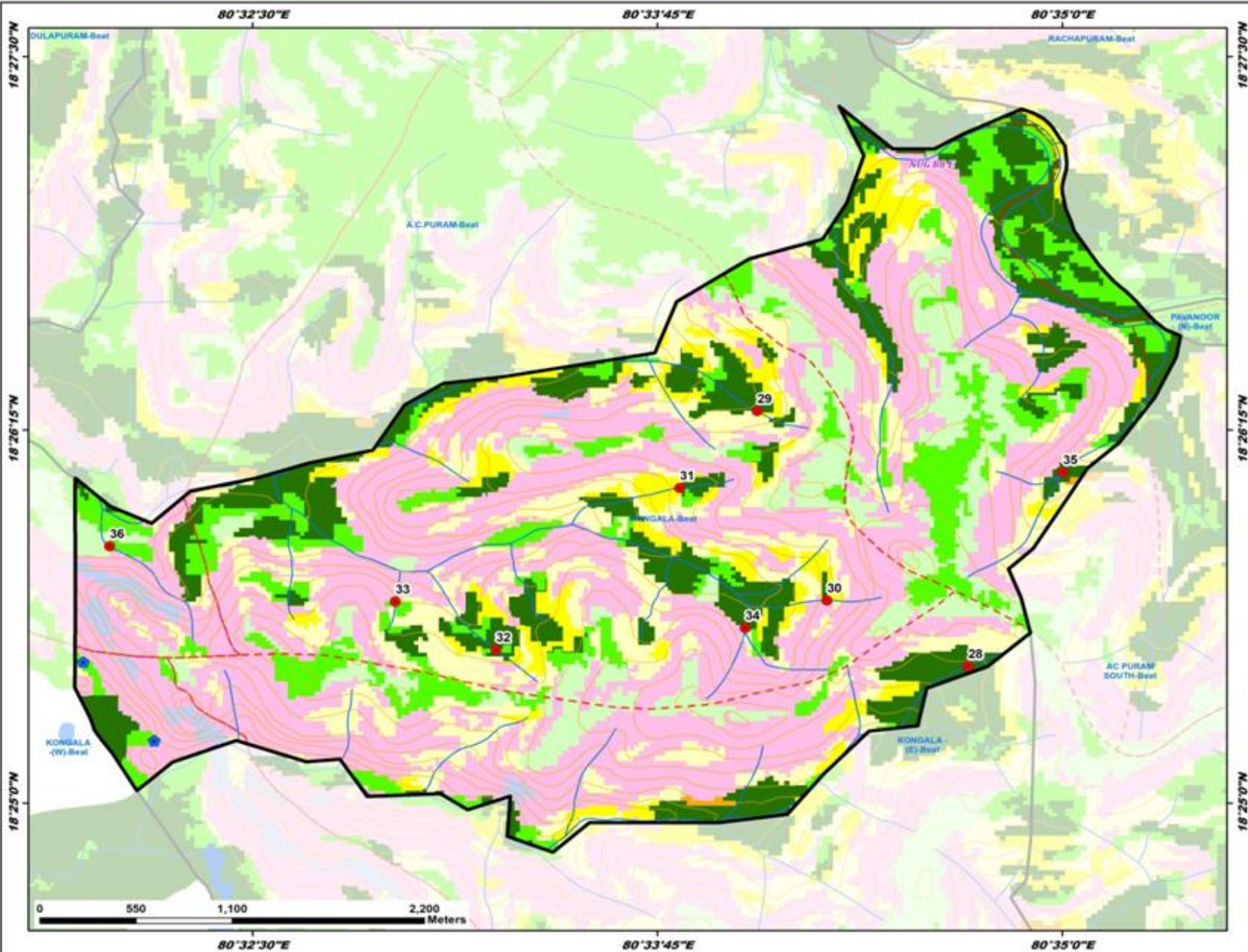
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body



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



Division : Venkatapur
Range : Dulapuram



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
28	18.424306	80.578496	22.16	I
29	18.438547	80.567637	17.17	I
30	18.427992	80.571237	12.68	I
31	18.434264	80.563652	19.04	I
32	18.425231	80.554199	19.97	II
33	18.427919	80.549011	17.14	II
34	18.426447	80.567923	31.42	II
35	18.435139	80.583369	83.69	III
36	18.431012	80.534303	34.71	V

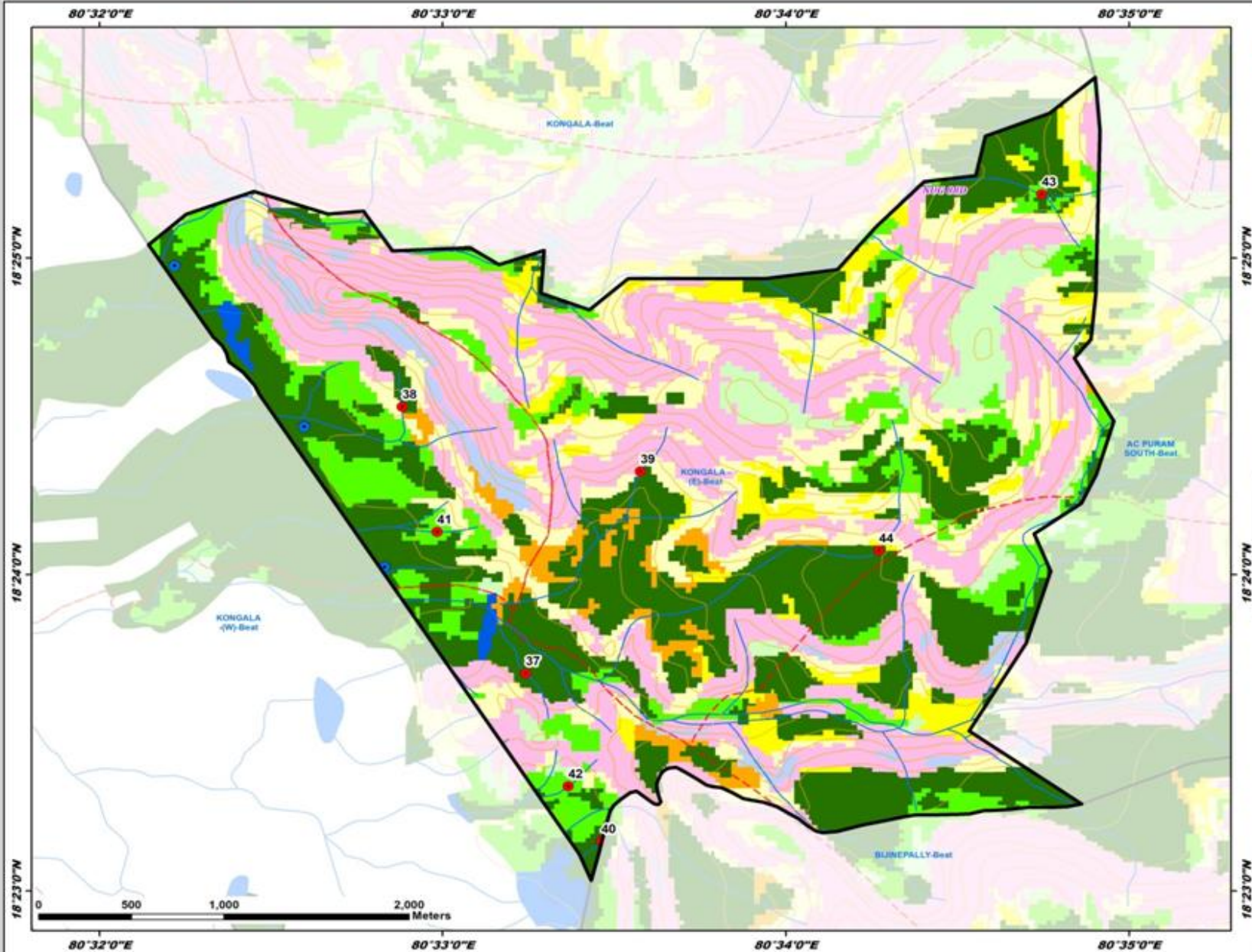
LEGEND

- Proposed CD/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 Kongala East Beat



Division : Venkatapur
Range : Dulapuram



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
37	18.394792	80.554038	7.05	I
38	18.408838	80.548035	16.74	I
39	18.405434	80.559614	18.57	I
40	18.385951	80.557704	9.64	I
41	18.402247	80.549738	11.92	II
42	18.388854	80.556104	10.59	II
43	18.420029	80.579102	26.64	II
44	18.401265	80.571201	50.02	III

LEGEND

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

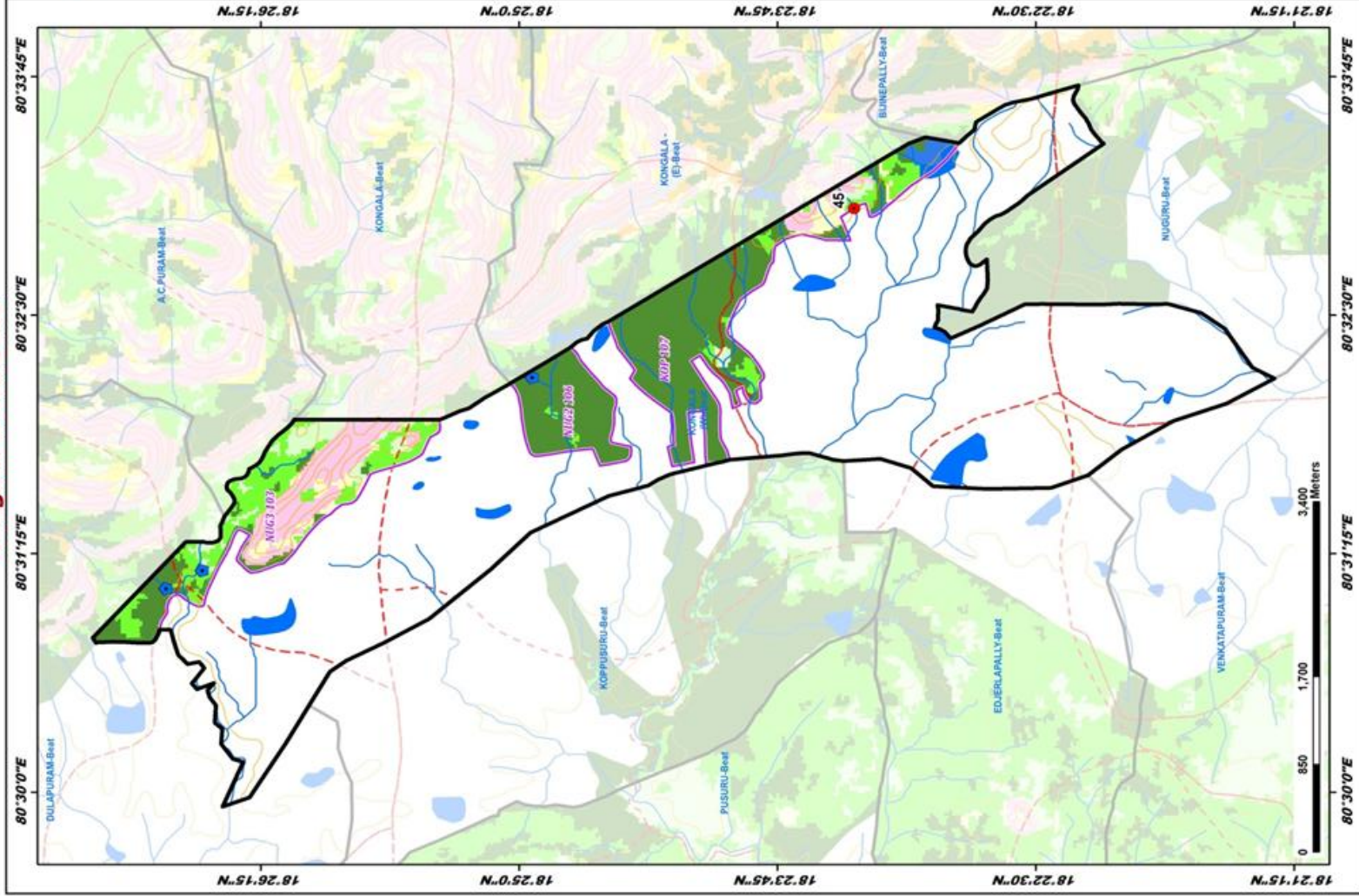
Suitability Index

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

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



Division : Venkatapur
Range : Dulapuram



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
45	18.389655	80.551009	10.66	II

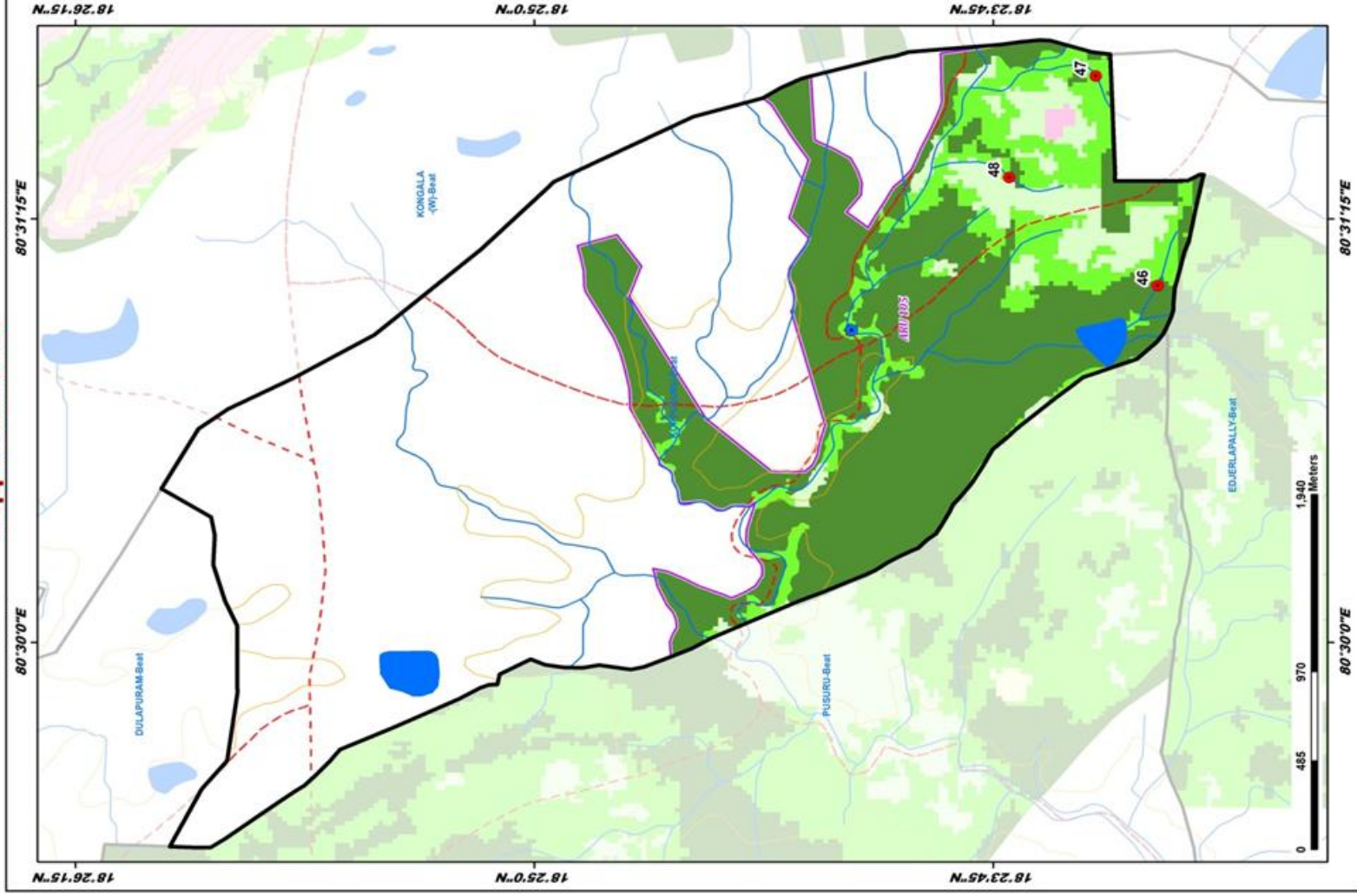
LEGEND

- 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 Koppusuru Beat



Division : Venkatapur
Range : Dulapuram



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
45	18.389655	80.513009	10.66	III
46	18.389841	80.517572	18.92	I
47	18.391167	80.527874	21.52	II
48	18.395103	80.532891	18.47	IV

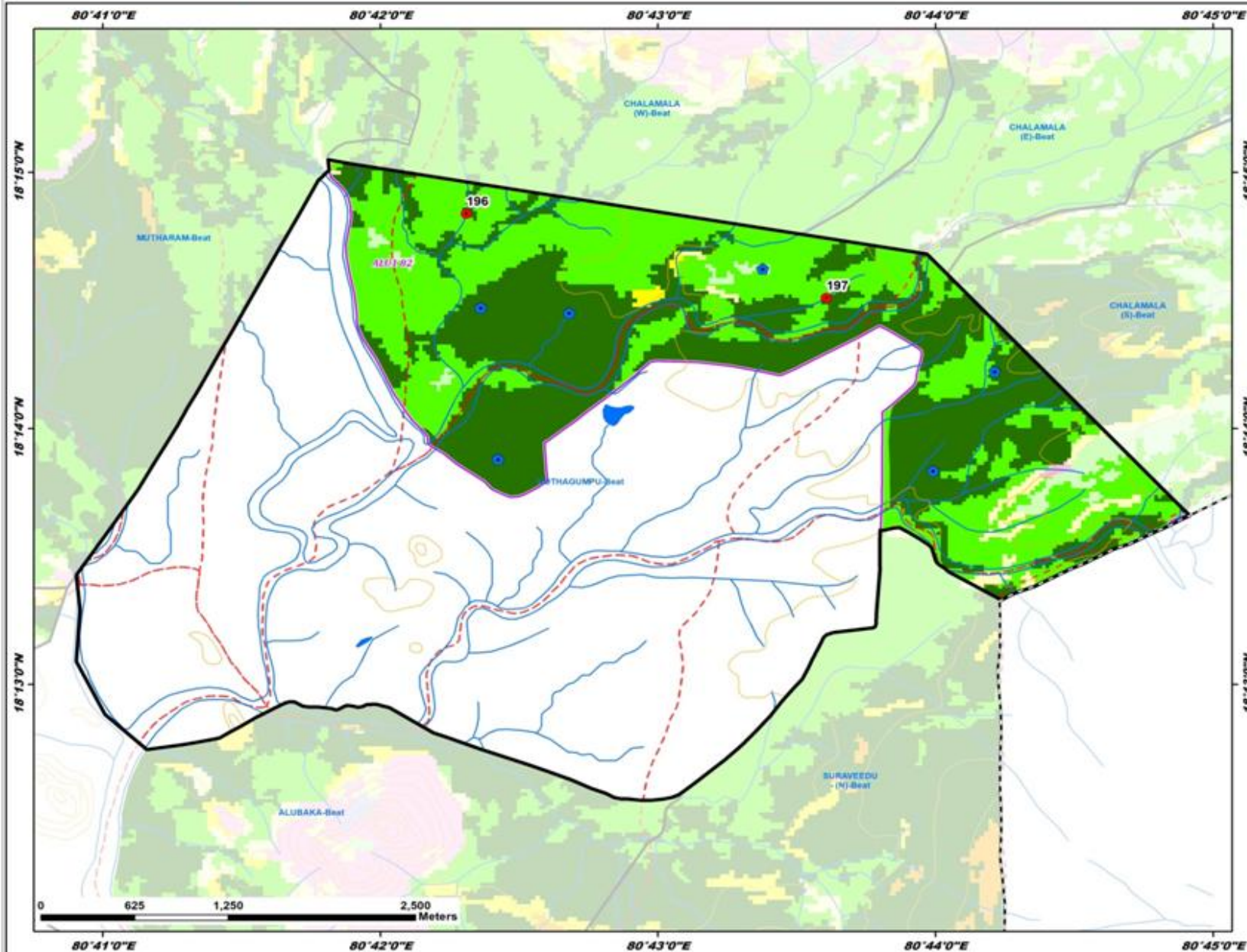
LEGEND

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

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



Division : Venkatapur
Range : Dulapuram



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
196	18.247321	80.705174	31.52	II
197	18.241829	80.726787	24.95	II

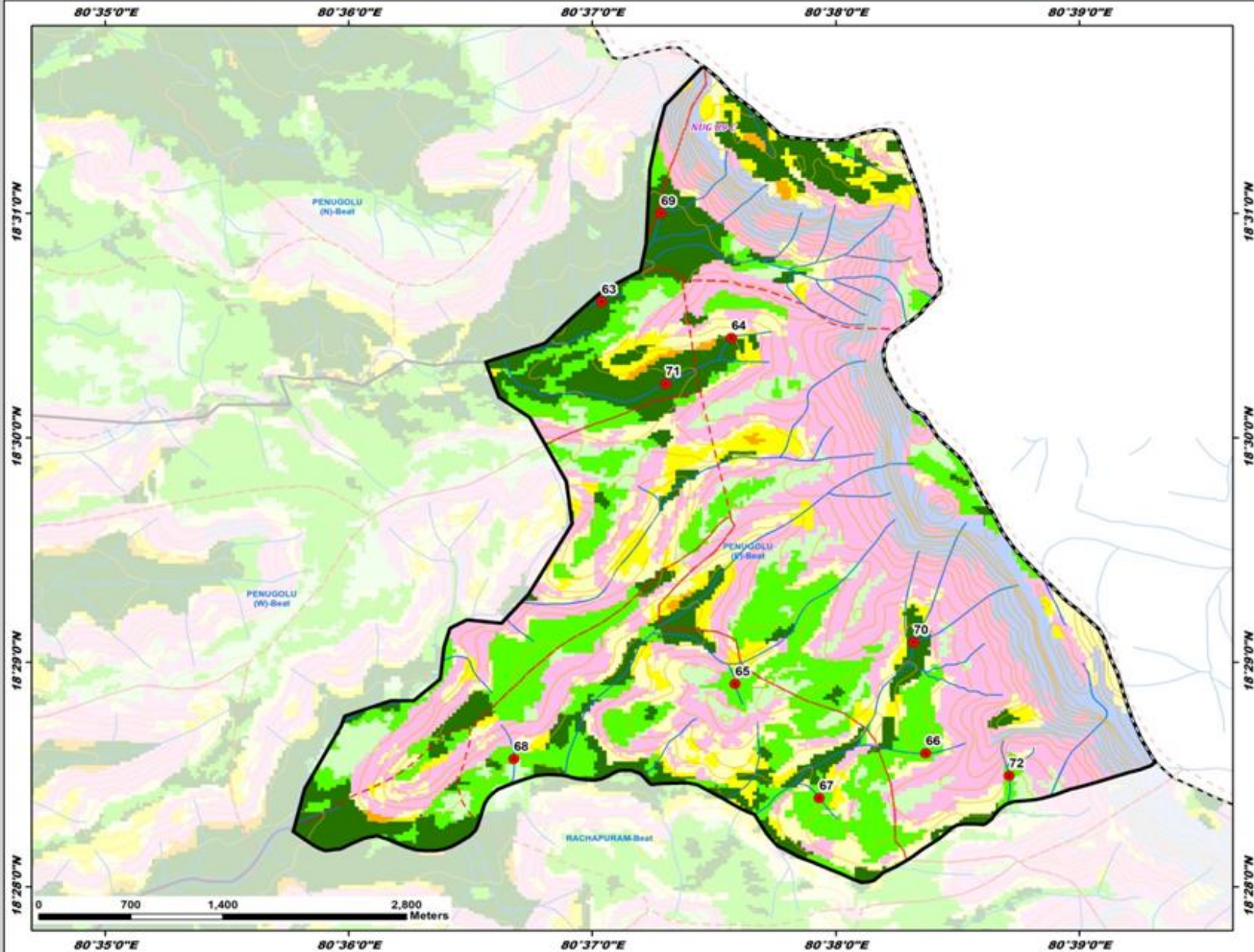
LEGEND

- 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 Penugolu East Beat



Division : Venkatapur
Range : Dulapuram



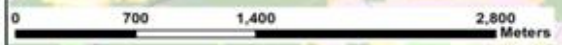
ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
63	18.510112	80.617313	11.48	I
64	18.507418	80.626201	18.66	I
65	18.481744	80.626461	7.14	II
66	18.470591	80.639495	18.12	II
67	18.473277	80.632212	10.47	II
68	18.476176	80.611306	10.89	II
69	18.516673	80.621377	35.51	II
70	18.484848	80.638674	83.91	III
71	18.504032	80.621698	65.27	III
72	18.474926	80.645219	27.77	V

LEGEND

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

Suitability Index

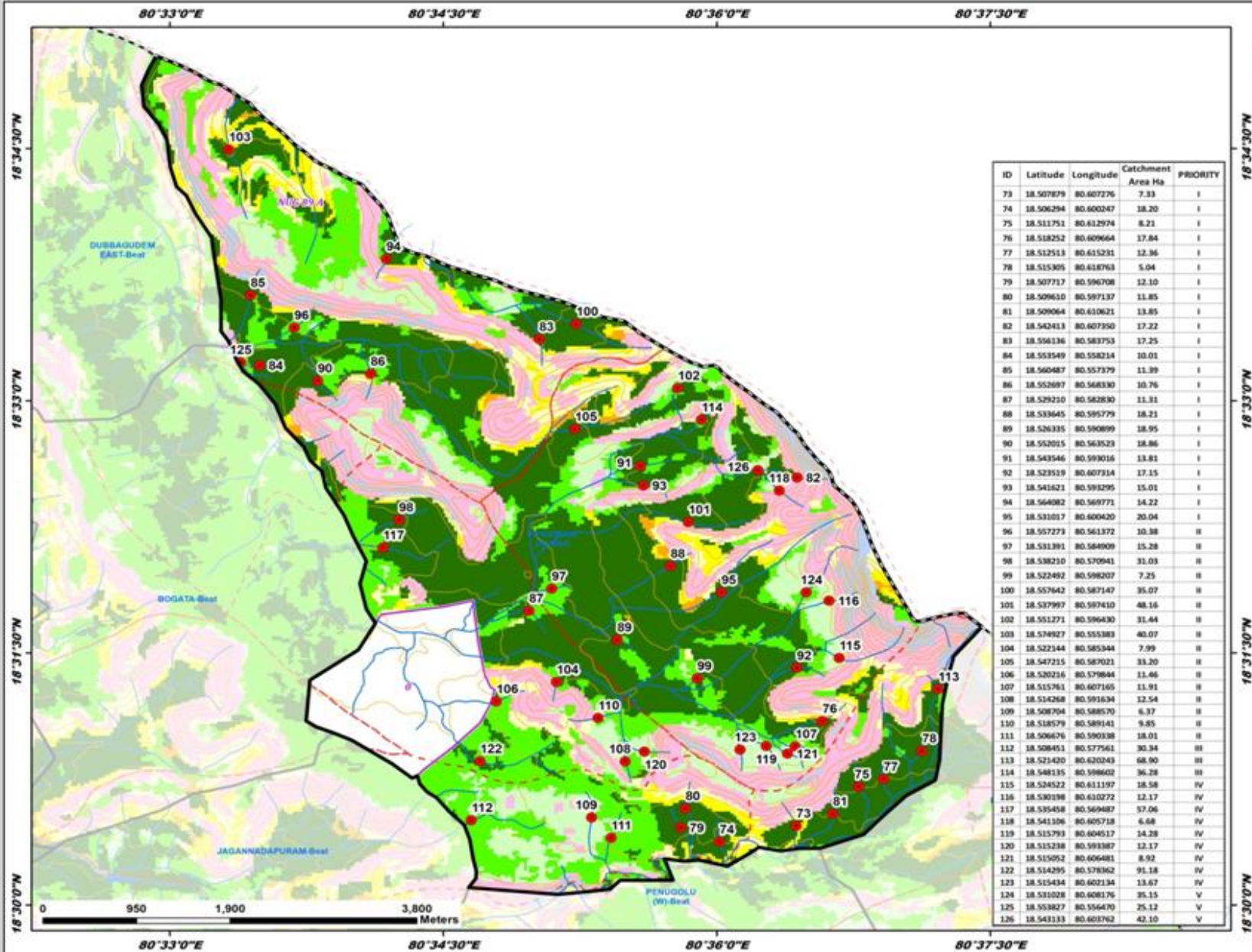
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body



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



Division : Venkatapur
Range : Dulapuram



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
73	18.507879	80.607276	7.33	I
74	18.506294	80.600247	18.20	I
75	18.511751	80.612974	8.21	I
76	18.518252	80.609664	17.84	I
77	18.512513	80.615231	12.36	I
78	18.515305	80.618763	5.04	I
79	18.507717	80.596708	12.10	I
80	18.509610	80.597137	11.85	I
81	18.509064	80.610621	13.85	I
82	18.542413	80.607350	17.22	I
83	18.556116	80.583753	17.25	I
84	18.553549	80.558214	10.01	I
85	18.560487	80.557379	11.39	I
86	18.552697	80.568130	10.76	I
87	18.529210	80.582830	11.31	I
88	18.533645	80.595779	18.21	I
89	18.526335	80.590899	18.95	I
90	18.552015	80.563523	18.86	I
91	18.543546	80.593016	13.81	I
92	18.523519	80.607314	17.15	I
93	18.541421	80.593295	15.01	I
94	18.564982	80.569771	14.22	I
95	18.531017	80.600420	20.04	I
96	18.557273	80.561372	10.38	II
97	18.531391	80.584909	15.28	II
98	18.538210	80.570941	31.03	II
99	18.522492	80.598207	7.25	II
100	18.557642	80.587147	35.07	II
101	18.537997	80.597410	48.16	II
102	18.551271	80.596430	31.44	II
103	18.574927	80.555383	40.07	II
104	18.522144	80.585344	7.99	II
105	18.547215	80.587021	33.20	II
106	18.520216	80.579844	11.46	II
107	18.515761	80.607165	11.91	II
108	18.534268	80.591634	12.54	II
109	18.508794	80.588570	6.37	II
110	18.518579	80.589141	9.85	II
111	18.506676	80.590338	18.01	II
112	18.508451	80.577561	30.34	III
113	18.521420	80.620243	68.90	III
114	18.548135	80.598602	36.28	III
115	18.528522	80.611197	18.58	IV
116	18.530198	80.610272	12.17	IV
117	18.535458	80.569487	97.06	IV
118	18.541106	80.605718	6.68	IV
119	18.515793	80.604517	14.28	IV
120	18.515218	80.593887	12.17	IV
121	18.515052	80.606481	8.92	IV
122	18.514295	80.578362	91.18	IV
123	18.515434	80.602134	13.67	IV
124	18.531028	80.608176	35.15	V
125	18.553827	80.556470	25.12	V
126	18.543133	80.603762	42.10	V

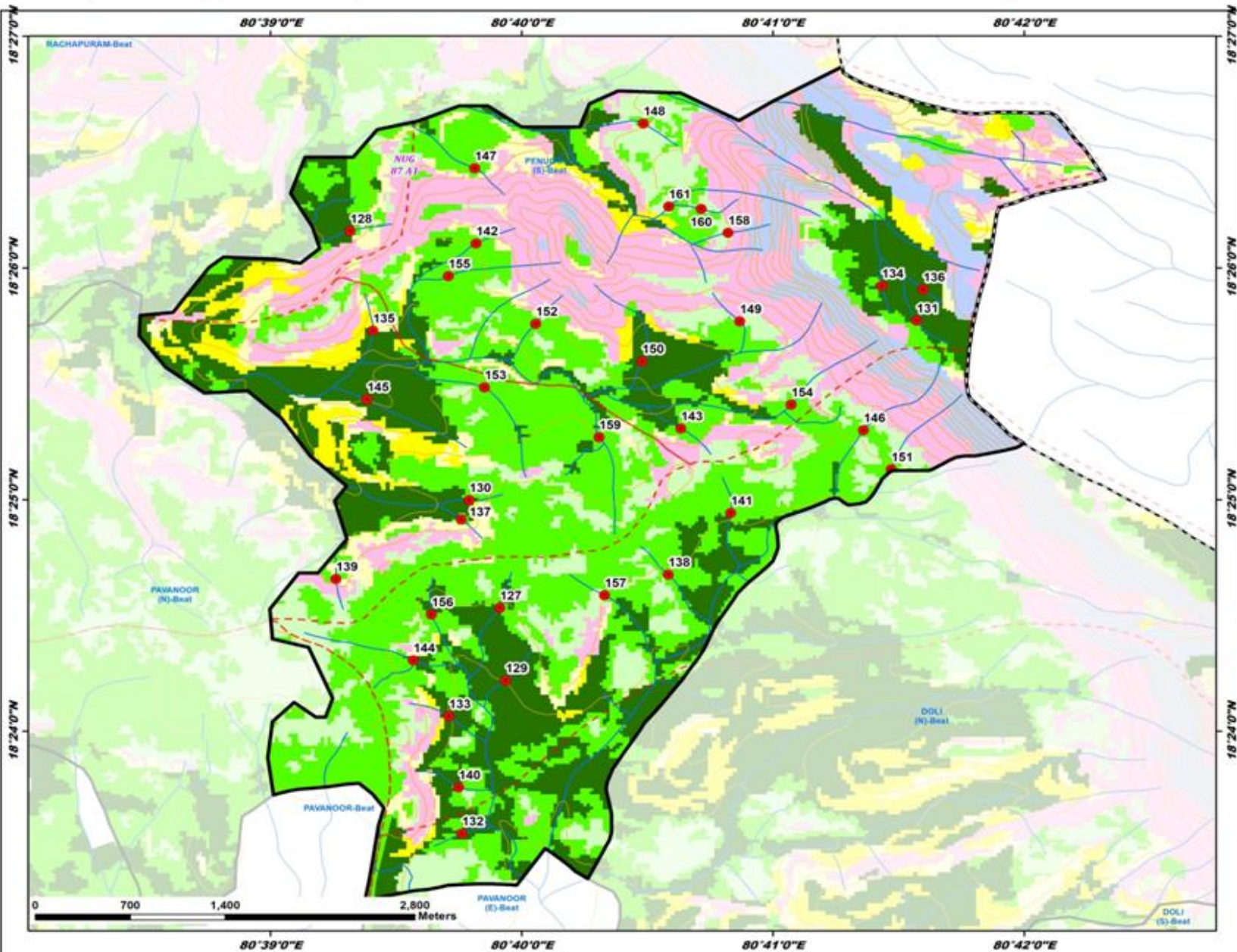
LEGEND

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

Suitability Index

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

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



Division : Venkatapur
Range : Dulapuram

ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
127	18.408891	80.665214	20.51	I
128	18.436000	80.655294	15.66	I
129	18.403670	80.665609	18.04	I
130	18.416649	80.663184	12.77	I
131	18.429551	80.692881	17.58	I
132	18.392652	80.662691	18.53	I
133	18.401085	80.661839	12.20	I
134	18.432057	80.690559	6.21	I
135	18.428842	80.656803	12.47	I
136	18.431795	80.693315	11.18	I
137	18.415265	80.662658	8.02	II
138	18.411289	80.676398	11.67	II
139	18.410974	80.654350	9.47	II
140	18.395986	80.662491	18.09	II
141	18.415711	80.680535	13.33	II
142	18.435102	80.663647	9.14	II
143	18.421800	80.677232	13.48	II
144	18.405127	80.659471	45.19	II
145	18.428899	80.656417	48.92	II
146	18.421677	80.689354	21.70	II
147	18.440515	80.663561	11.99	II
148	18.443738	80.674745	20.95	II
149	18.429497	80.681346	10.82	II
150	18.426628	80.674658	30.65	II
151	18.418853	80.691194	24.18	II
152	18.429311	80.667607	10.59	II
153	18.424746	80.664206	32.98	III
154	18.423510	80.684554	26.29	III
155	18.432760	80.661806	26.11	III
156	18.408405	80.660632	27.14	III
157	18.409798	80.672165	23.77	IV
158	18.435873	80.680364	10.33	IV
159	18.421157	80.671805	67.06	IV
160	18.437597	80.678589	7.34	IV
161	18.437756	80.676431	42.68	V

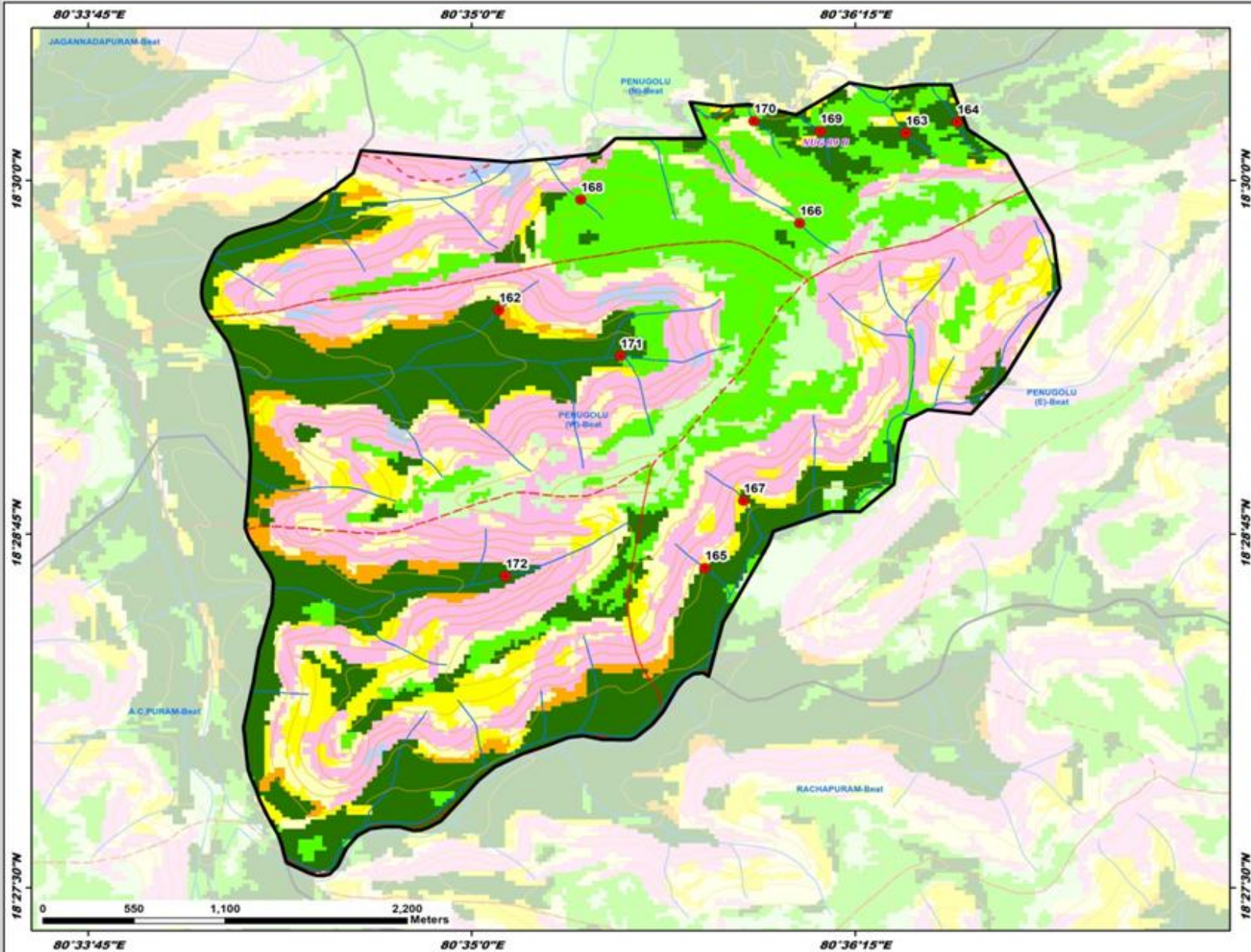
LEGEND

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

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



Division : Venkatapur
Range : Dulapuram



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
162	18.492364	80.564801	13.84	I
163	18.502801	80.606910	17.09	I
164	18.509448	80.609711	18.56	I
165	18.477582	80.596003	10.31	I
166	18.497485	80.601162	14.76	II
167	18.481133	80.588098	27.15	II
168	18.498876	80.589264	8.02	II
169	18.502918	80.602271	25.40	II
170	18.509499	80.598664	9.82	II
171	18.489660	80.591417	63.29	III
172	18.476700	80.585170	52.63	III

LEGEND

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

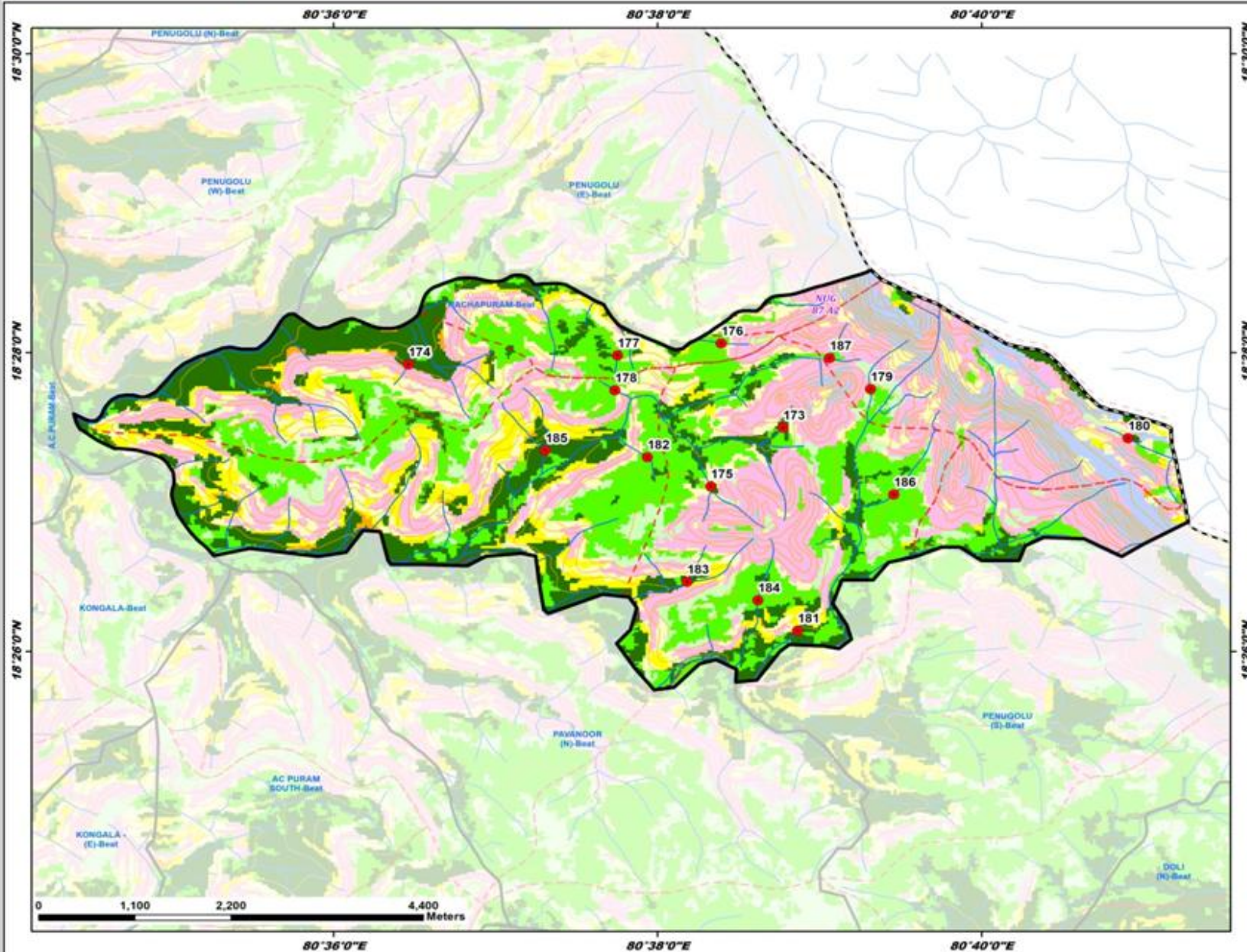
Suitability Index

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

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



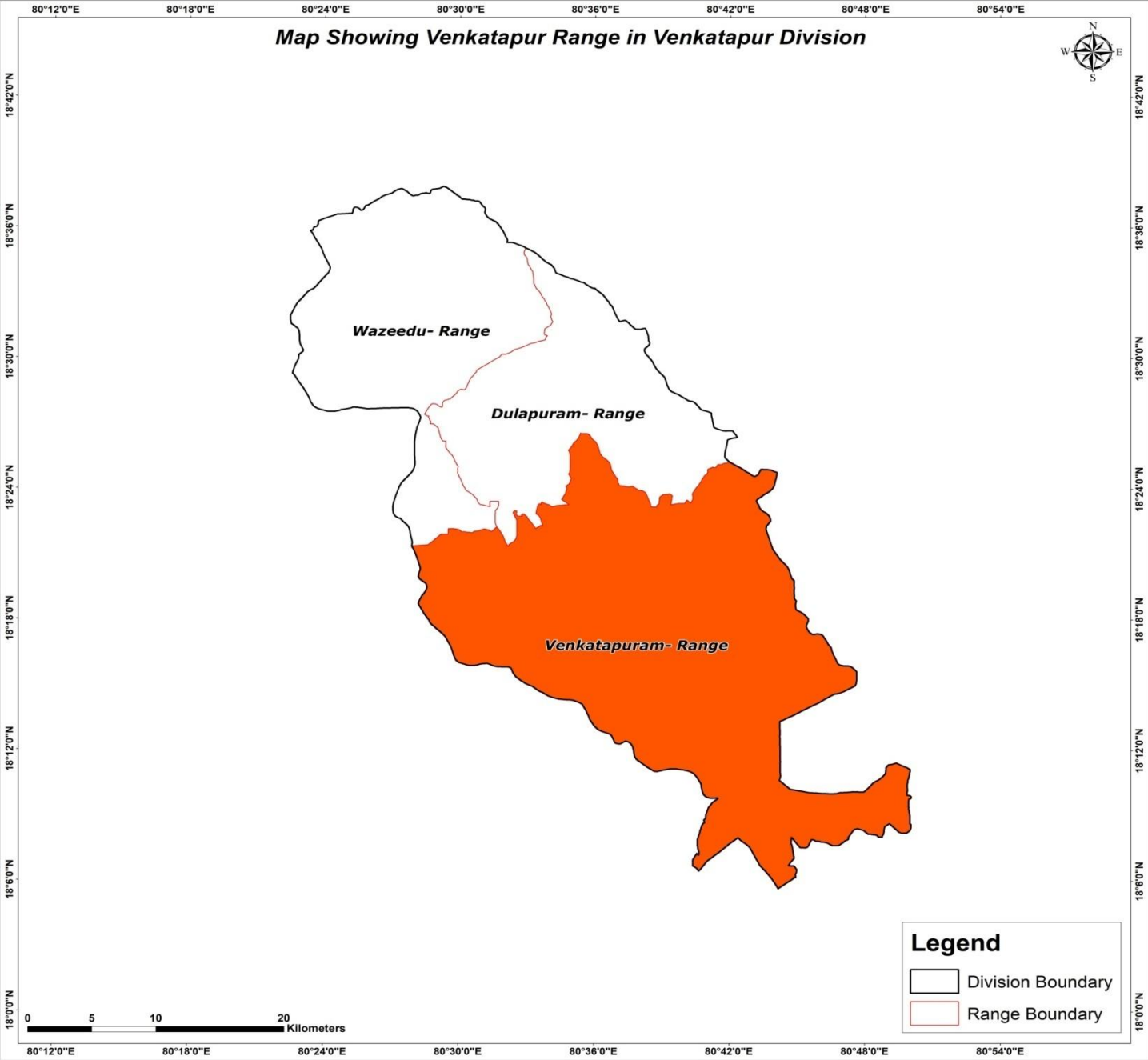
Division : Venkatapur
Range : Dulapuram



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
173	18.458317	80.646237	19.62	I
174	18.465370	80.607697	11.88	I
175	18.451758	80.618798	37.09	II
176	18.467719	80.639893	6.54	II
177	18.466382	80.629207	7.77	II
178	18.462478	80.628956	14.00	II
179	18.462603	80.655263	24.80	II
180	18.457145	80.681747	28.84	II
181	18.435662	80.647741	27.36	II
182	18.455021	80.632277	24.77	II
183	18.443128	80.636378	61.81	III
184	18.439064	80.643675	28.47	III
185	18.455766	80.621785	58.08	III
186	18.450670	80.657640	81.98	IV
187	18.466079	80.651043	56.45	V

- LEGEND**
- Proposed PTs
 - Existing CD/PTs
 - Contours
 - Streams
 - ▭ Watershed Boundary
 - ▭ Compartment Boundary
 - ▭ Beat Boundary
 - ▭ Division Boundary
- Suitability Index**
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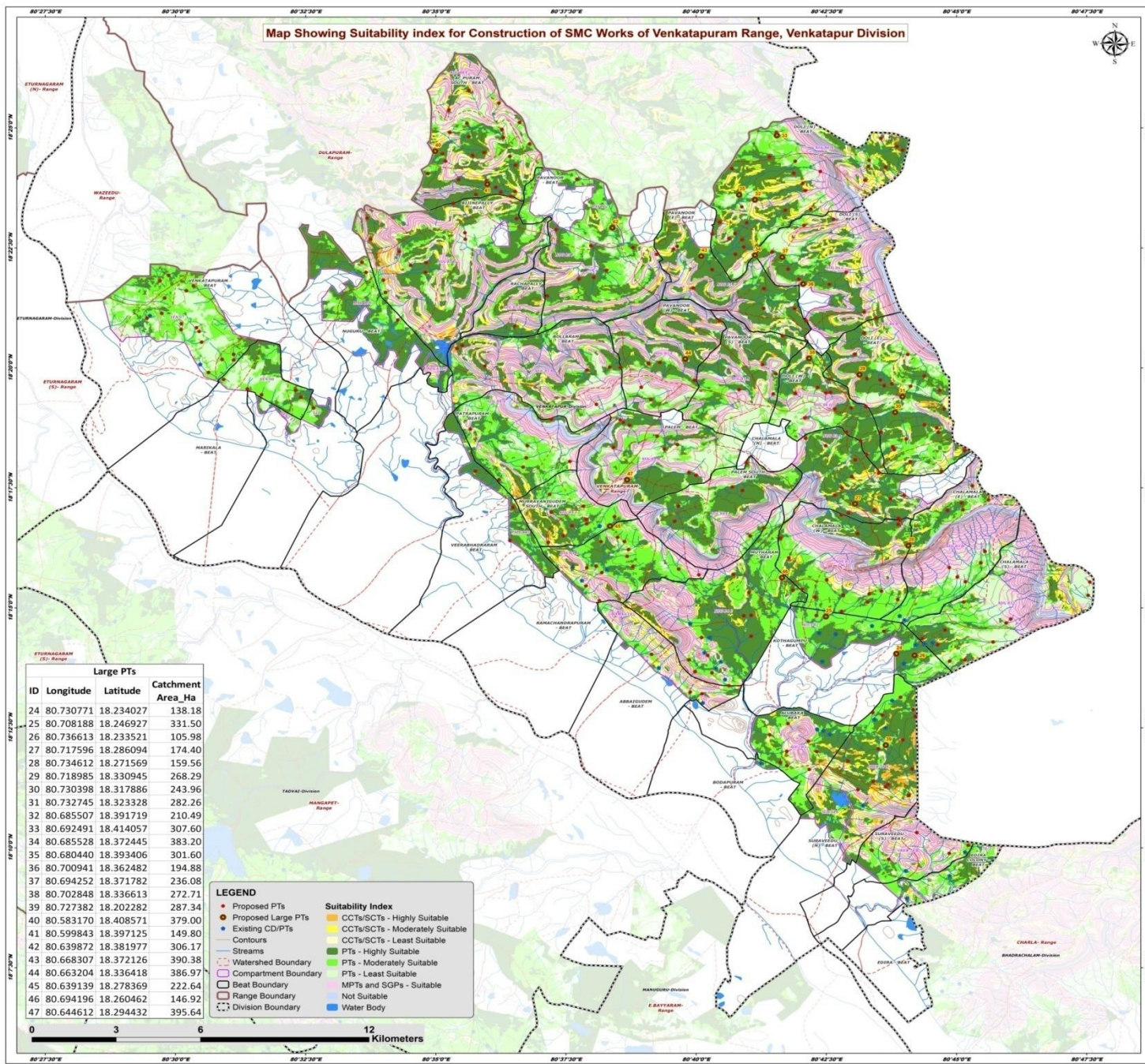
Map Showing Venkatapur Range in Venkatapur Division



0 5 10 20 Kilometers

Legend
[Black outline] Division Boundary
[Red outline] Range Boundary

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



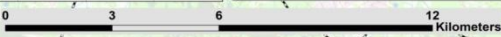
ID	Longitude	Latitude	Catchment Area_Ha
24	80.730771	18.234027	138.18
25	80.708188	18.246927	331.50
26	80.736613	18.233521	105.98
27	80.717596	18.286094	174.40
28	80.734612	18.271569	159.56
29	80.718985	18.330945	268.29
30	80.730398	18.317886	243.96
31	80.732745	18.323328	282.26
32	80.685507	18.391719	210.49
33	80.692491	18.414057	307.60
34	80.685528	18.372445	383.20
35	80.680440	18.393406	301.60
36	80.700941	18.362482	194.88
37	80.694252	18.371782	236.08
38	80.702848	18.336613	272.71
39	80.727382	18.202282	287.34
40	80.583170	18.408571	379.00
41	80.599843	18.397125	149.80
42	80.639872	18.381977	306.17
43	80.668307	18.372126	390.38
44	80.663204	18.336418	386.97
45	80.639139	18.278369	222.64
46	80.694196	18.260462	146.92
47	80.644612	18.294432	395.64

LEGEND

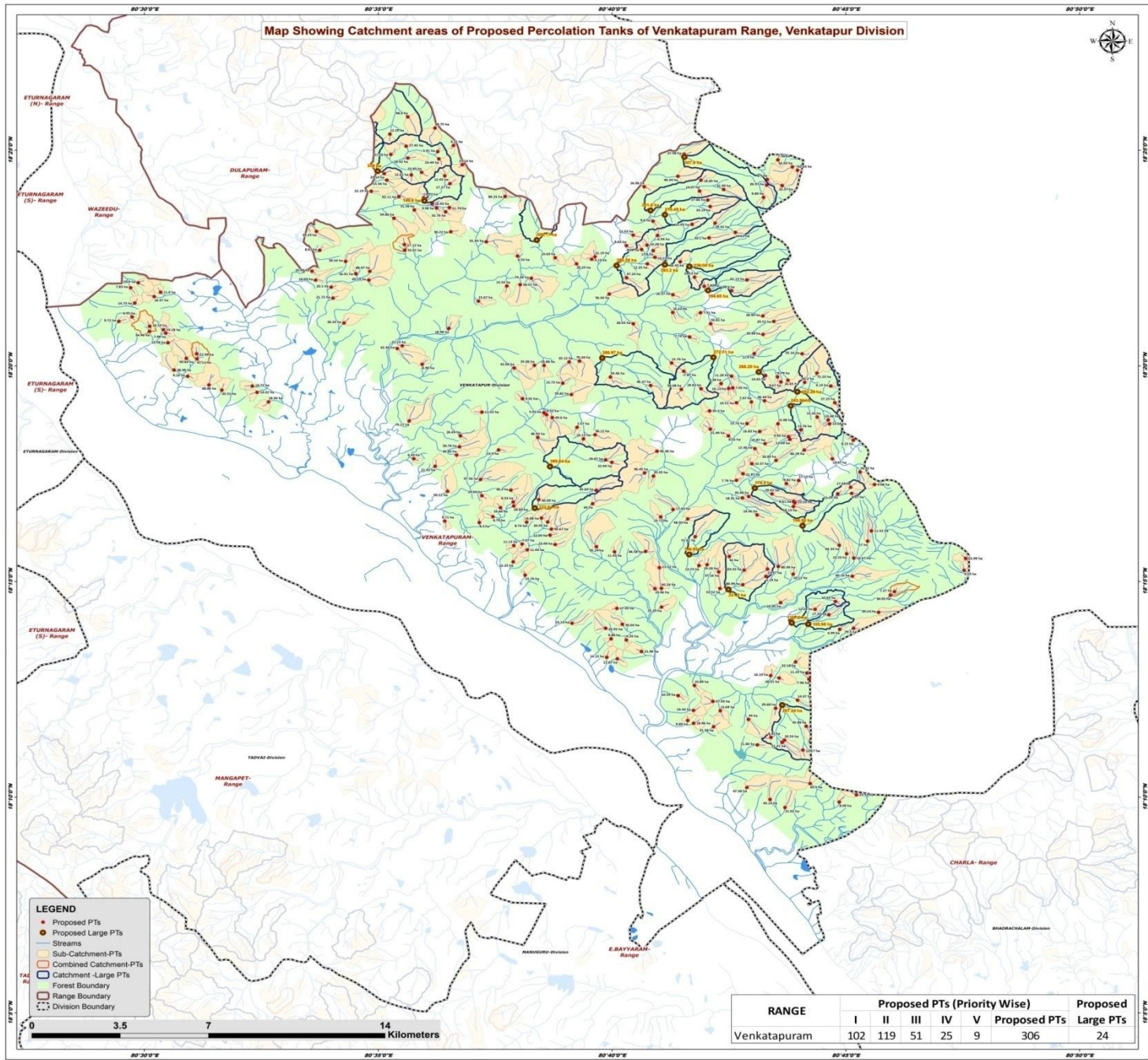
- Proposed PTs
- Proposed Large PTs
- Existing CD/PTs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat Boundary
- Range Boundary
- Division Boundary

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 SGP - Suitable
- Not Suitable
- Water Body



Map Showing Catchment areas of Proposed Percolation Tanks of Venkatapuram Range, Venkatapur Division



RANGE	Proposed PTs (Priority Wise)					Proposed PTs	Proposed Large PTs
	I	II	III	IV	V		
Venkatapuram	102	119	51	25	9	306	24

Beat wise Abstract of Proposed PT's – Venkatapuram Range

S. No.	Beat	Proposed PT's
1	ABBAIGUDEM	4
2	AC PURAM SOUTH	24
3	ALUBAKA	8
4	BIJINEPALLY	12
5	BOLLARAM	7
6	CHALAMALA (E)	10
7	CHALAMALA (N)	12
8	CHALAMALA (S)	11
9	CHALAMALA (W)	15
10	DOLI (E)	22
11	DOLI (N)	26
12	DOLI (S)	8
13	DOLI (W)	12
14	KOTHAGUMPU	2
15	MARIKALA	5
16	MURRAVANIGUDEM SOUTH	9
17	MUTHARAM	11
18	NUGURU	3
19	PALEM	9
20	PALEM SOUTH	7
21	PATRAPURAM	7
22	PAVANOOR	9
23	PAVANOOR (E)	8
24	PAVANOOR (S)	5
25	PAVANOOR (W)	6
26	RACHAPALLY	1
27	RAMACHANDRAPURAM	13
28	SURAVEEDU - (N)	15
29	SURAVEEDU - (S)	5
30	VEERABHADRARAM	3
31	VENKATAPURAM	17
	Total	306

List of Proposed PTs – Venkatapuram 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
188	18.200053	80.705282	13.69	I	ALUBAKA	228	18.258922	80.792718	15.99	IV	CHALAMALA (S)	268	18.377859	80.681374	17.80	I	DOLI (N)
189	18.196289	80.693655	9.89	I	ALUBAKA	229	18.254310	80.792194	9.14	IV	CHALAMALA (S)	269	18.402551	80.678163	16.06	I	DOLI (N)
190	18.205903	80.690239	10.54	II	ALUBAKA	230	18.244733	80.765947	36.05	V	CHALAMALA (S)	270	18.402981	80.727324	10.37	I	DOLI (N)
191	18.200180	80.695740	19.44	II	ALUBAKA	231	18.254806	80.722101	21.37	I	CHALAMALA (W)	271	18.400902	80.697917	14.07	I	DOLI (N)
192	18.209807	80.696062	10.89	II	ALUBAKA	232	18.280410	80.731861	22.23	I	CHALAMALA (W)	272	18.383735	80.682896	6.94	I	DOLI (N)
193	18.195209	80.695758	18.96	II	ALUBAKA	233	18.275714	80.718411	18.46	I	CHALAMALA (W)	273	18.378264	80.677236	8.08	I	DOLI (N)
194	18.203672	80.702659	27.93	III	ALUBAKA	234	18.251982	80.721594	5.14	I	CHALAMALA (W)	274	18.372761	80.679292	12.25	I	DOLI (N)
195	18.193879	80.702888	31.58	V	ALUBAKA	235	18.252836	80.731241	10.12	I	CHALAMALA (W)	275	18.375294	80.681949	12.11	I	DOLI (N)
196	18.247321	80.705174	31.52	II	KOTHAGUMPU	236	18.278970	80.731377	18.13	I	CHALAMALA (W)	276	18.379790	80.671826	8.63	I	DOLI (N)
197	18.241829	80.726787	24.95	II	KOTHAGUMPU	237	18.256478	80.700587	29.28	II	CHALAMALA (W)	277	18.388033	80.695241	15.03	I	DOLI (N)
198	18.283858	80.747152	11.24	I	CHALAMALA (E)	238	18.282286	80.713148	18.31	II	CHALAMALA (W)	278	18.379991	80.679177	10.28	I	DOLI (N)
199	18.286396	80.751718	17.69	I	CHALAMALA (E)	239	18.274181	80.693682	48.93	II	CHALAMALA (W)	279	18.383887	80.674201	12.53	I	DOLI (N)
200	18.287466	80.760249	9.08	II	CHALAMALA (E)	240	18.267319	80.696342	51.61	III	CHALAMALA (W)	280	18.412976	80.725807	7.56	II	DOLI (N)
201	18.292351	80.755107	16.92	II	CHALAMALA (E)	241	18.248771	80.713277	80.99	III	CHALAMALA (W)	281	18.405075	80.698407	18.85	II	DOLI (N)
202	18.269560	80.759163	11.52	II	CHALAMALA (E)	242	18.254396	80.713778	63.32	III	CHALAMALA (W)	282	18.397427	80.700846	27.66	II	DOLI (N)
203	18.284046	80.752107	6.97	II	CHALAMALA (E)	243	18.253709	80.704695	37.16	III	CHALAMALA (W)	283	18.406606	80.690180	46.34	II	DOLI (N)
204	18.260696	80.750320	13.23	II	CHALAMALA (E)	244	18.259678	80.708466	42.00	III	CHALAMALA (W)	284	18.408923	80.732806	42.63	II	DOLI (N)
205	18.265601	80.757792	17.00	II	CHALAMALA (E)	245	18.255804	80.725974	80.99	IV	CHALAMALA (W)	285	18.388485	80.703429	29.42	II	DOLI (N)
206	18.259022	80.752872	10.67	IV	CHALAMALA (E)	246	18.327168	80.726926	9.67	I	DOLI (E)	286	18.394912	80.701653	33.19	II	DOLI (N)
207	18.263981	80.747704	64.34	V	CHALAMALA (E)	247	18.329099	80.725639	6.79	I	DOLI (E)	287	18.398447	80.720716	9.89	II	DOLI (N)
208	18.281022	80.731452	6.61	I	CHALAMALA (N)	248	18.329586	80.721379	14.65	I	DOLI (E)	288	18.405384	80.722033	6.50	II	DOLI (N)
209	18.287843	80.728861	9.82	I	CHALAMALA (N)	249	18.310936	80.744215	13.04	I	DOLI (E)	289	18.415160	80.692388	27.98	III	DOLI (N)
210	18.289111	80.711042	7.76	I	CHALAMALA (N)	250	18.338068	80.717372	11.40	I	DOLI (E)	290	18.403214	80.721818	26.97	III	DOLI (N)
211	18.308869	80.701751	21.49	I	CHALAMALA (N)	251	18.325535	80.744636	6.14	I	DOLI (E)	291	18.410212	80.730998	54.93	III	DOLI (N)
212	18.301383	80.717615	12.36	I	CHALAMALA (N)	252	18.312456	80.743738	10.48	I	DOLI (E)	292	18.389251	80.681313	9.60	IV	DOLI (N)
213	18.291672	80.713376	21.87	I	CHALAMALA (N)	253	18.304628	80.752680	8.15	I	DOLI (E)	293	18.401493	80.706460	31.99	V	DOLI (N)
214	18.289053	80.733232	17.12	II	CHALAMALA (N)	254	18.327790	80.729389	26.65	II	DOLI (E)	294	18.367629	80.696123	19.13	I	DOLI (S)
215	18.306284	80.708165	8.02	II	CHALAMALA (N)	255	18.350517	80.724347	29.52	II	DOLI (E)	295	18.373553	80.691016	16.45	I	DOLI (S)
216	18.295525	80.716539	10.37	II	CHALAMALA (N)	256	18.304919	80.730088	12.44	II	DOLI (E)	296	18.364076	80.699543	7.83	I	DOLI (S)
217	18.283867	80.723714	29.62	II	CHALAMALA (N)	257	18.308629	80.733976	11.76	II	DOLI (E)	297	18.384943	80.710666	16.13	I	DOLI (S)
218	18.296797	80.725139	18.89	II	CHALAMALA (N)	258	18.345500	80.720503	39.98	II	DOLI (E)	298	18.362385	80.709335	39.30	II	DOLI (S)
219	18.282864	80.715422	35.09	II	CHALAMALA (N)	259	18.313558	80.739826	13.26	II	DOLI (E)	299	18.352633	80.720417	28.94	III	DOLI (S)
220	18.237141	80.743982	17.31	I	CHALAMALA (S)	260	18.305980	80.729609	9.95	II	DOLI (E)	300	18.382799	80.701261	33.10	III	DOLI (S)
221	18.242282	80.746341	10.03	I	CHALAMALA (S)	261	18.319119	80.746087	27.25	II	DOLI (E)	301	18.366552	80.714753	62.13	III	DOLI (S)
222	18.239278	80.739053	12.28	I	CHALAMALA (S)	262	18.297368	80.745274	13.97	II	DOLI (E)	302	18.326508	80.705582	9.38	I	DOLI (W)
223	18.231507	80.747842	6.99	II	CHALAMALA (S)	263	18.310971	80.725850	13.98	II	DOLI (E)	303	18.324829	80.709682	7.05	I	DOLI (W)
224	18.252019	80.752327	60.16	III	CHALAMALA (S)	264	18.330520	80.739745	72.23	III	DOLI (E)	304	18.319414	80.716371	7.97	I	DOLI (W)
225	18.231931	80.752789	79.30	III	CHALAMALA (S)	265	18.337998	80.734456	25.16	III	DOLI (E)	305	18.319062	80.711074	19.51	I	DOLI (W)
226	18.238103	80.761710	30.14	III	CHALAMALA (S)	266	18.326946	80.735349	30.20	III	DOLI (E)	306	18.324619	80.708272	16.13	I	DOLI (W)
227	18.246086	80.767388	7.27	IV	CHALAMALA (S)	267	18.300797	80.735199	66.28	III	DOLI (E)	307	18.324481	80.698414	18.81	I	DOLI (W)

List of Proposed PTs – Venkatapuram 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
308	18.307968	80.719340	16.83	II	DOLI (W)	348	18.394534	80.608710	11.74	II	AC PURAM SOUTH	388	18.233868	80.652430	23.14	II	ABBAIGUDEM
309	18.303282	80.721234	10.87	II	DOLI (W)	349	18.406762	80.607066	12.45	II	AC PURAM SOUTH	389	18.220717	80.664796	14.15	II	ABBAIGUDEM
310	18.319854	80.721041	46.44	II	DOLI (W)	350	18.411078	80.613350	23.14	II	AC PURAM SOUTH	390	18.275049	80.624212	8.79	I	MURRAVANIGUDEM (S)
311	18.311006	80.714812	13.74	II	DOLI (W)	351	18.392875	80.607374	32.76	II	AC PURAM SOUTH	391	18.280733	80.631471	6.53	I	MURRAVANIGUDEM (S)
312	18.329365	80.709275	11.28	II	DOLI (W)	352	18.429571	80.593892	48.60	II	AC PURAM SOUTH	392	18.278516	80.626918	16.66	I	MURRAVANIGUDEM (S)
313	18.315934	80.701494	20.30	II	DOLI (W)	353	18.418216	80.593323	27.45	II	AC PURAM SOUTH	393	18.272783	80.619402	8.30	II	MURRAVANIGUDEM (S)
314	18.184870	80.734766	12.17	I	SURAVEEDU - (N)	354	18.418538	80.610174	9.11	II	AC PURAM SOUTH	394	18.283165	80.620303	24.04	II	MURRAVANIGUDEM (S)
315	18.187833	80.727287	21.41	I	SURAVEEDU - (N)	355	18.393574	80.596235	51.56	III	AC PURAM SOUTH	395	18.279163	80.631657	34.83	III	MURRAVANIGUDEM (S)
316	18.188701	80.728166	20.53	I	SURAVEEDU - (N)	356	18.425262	80.603577	48.75	III	AC PURAM SOUTH	396	18.285291	80.630608	38.10	III	MURRAVANIGUDEM (S)
317	18.186849	80.718492	11.84	I	SURAVEEDU - (N)	357	18.398733	80.590715	62.11	III	AC PURAM SOUTH	397	18.281631	80.640578	30.09	III	MURRAVANIGUDEM (S)
318	18.204153	80.732817	14.07	I	SURAVEEDU - (N)	358	18.358349	80.619056	15.67	I	PAVANOOR	398	18.289405	80.619809	97.56	IV	MURRAVANIGUDEM (S)
319	18.189766	80.723358	8.42	I	SURAVEEDU - (N)	359	18.375750	80.633019	6.53	I	PAVANOOR	399	18.247248	80.681970	10.46	I	MUTHARAM
320	18.212300	80.736866	7.96	I	SURAVEEDU - (N)	360	18.364207	80.629175	15.54	I	PAVANOOR	400	18.256149	80.697710	12.73	I	MUTHARAM
321	18.212696	80.726276	26.31	II	SURAVEEDU - (N)	361	18.375120	80.646443	13.63	I	PAVANOOR	401	18.255357	80.683566	11.12	I	MUTHARAM
322	18.214659	80.736165	11.24	II	SURAVEEDU - (N)	362	18.372757	80.654046	20.25	II	PAVANOOR	402	18.227856	80.666369	8.88	II	MUTHARAM
323	18.213618	80.723249	16.19	II	SURAVEEDU - (N)	363	18.367215	80.637953	74.38	III	PAVANOOR	403	18.261631	80.678603	36.58	II	MUTHARAM
324	18.201034	80.725014	29.68	II	SURAVEEDU - (N)	364	18.364722	80.633926	56.51	III	PAVANOOR	404	18.239635	80.668435	17.45	II	MUTHARAM
325	18.196732	80.715329	34.00	II	SURAVEEDU - (N)	365	18.398789	80.628581	89.25	III	PAVANOOR	405	18.231920	80.664415	24.92	II	MUTHARAM
326	18.194079	80.735882	35.48	II	SURAVEEDU - (N)	366	18.381284	80.621861	91.44	III	PAVANOOR	406	18.240116	80.684334	25.35	II	MUTHARAM
327	18.218917	80.732120	32.18	III	SURAVEEDU - (N)	367	18.360861	80.688366	16.37	I	PAVANOOR (E)	407	18.227421	80.671780	6.35	II	MUTHARAM
328	18.170391	80.714779	47.58	III	SURAVEEDU - (N)	368	18.353878	80.698225	7.91	I	PAVANOOR (E)	408	18.247370	80.684318	60.24	III	MUTHARAM
329	18.162647	80.728339	21.02	II	SURAVEEDU - (S)	369	18.374542	80.659462	9.13	II	PAVANOOR (E)	409	18.233448	80.670387	39.04	III	MUTHARAM
330	18.167555	80.753817	23.52	II	SURAVEEDU - (S)	370	18.353971	80.688325	16.62	II	PAVANOOR (E)	410	18.305157	80.656504	16.13	I	PALEM
331	18.165758	80.723015	43.14	III	SURAVEEDU - (S)	371	18.367403	80.671847	37.24	II	PAVANOOR (E)	411	18.314460	80.643324	9.52	I	PALEM
332	18.164756	80.747698	8.09	IV	SURAVEEDU - (S)	372	18.361063	80.665700	56.44	III	PAVANOOR (E)	412	18.315215	80.642383	5.93	I	PALEM
333	18.171925	80.737312	65.50	V	SURAVEEDU - (S)	373	18.349621	80.701867	50.81	III	PAVANOOR (E)	413	18.296035	80.666622	22.94	I	PALEM
334	18.403747	80.608913	17.27	I	AC PURAM SOUTH	374	18.375505	80.660622	21.19	IV	PAVANOOR (E)	414	18.297038	80.664414	29.87	II	PALEM
335	18.422907	80.587545	12.29	I	AC PURAM SOUTH	375	18.334450	80.687933	15.76	I	PAVANOOR (S)	415	18.309584	80.654222	7.57	II	PALEM
336	18.408111	80.598821	23.85	I	AC PURAM SOUTH	376	18.331266	80.692277	7.87	II	PAVANOOR (S)	416	18.305662	80.640210	46.93	III	PALEM
337	18.398230	80.599510	13.37	I	AC PURAM SOUTH	377	18.344494	80.694323	7.74	II	PAVANOOR (S)	417	18.313320	80.645407	49.60	III	PALEM
338	18.416112	80.604557	5.91	I	AC PURAM SOUTH	378	18.325738	80.680446	46.37	II	PAVANOOR (S)	418	18.306695	80.660677	58.12	IV	PALEM
339	18.413636	80.593932	18.42	I	AC PURAM SOUTH	379	18.324250	80.691387	58.08	IV	PAVANOOR (S)	419	18.290743	80.681507	10.35	I	PALEM SOUTH
340	18.394341	80.604174	9.98	I	AC PURAM SOUTH	380	18.329021	80.666111	33.46	II	PAVANOOR (W)	420	18.274941	80.684022	19.71	I	PALEM SOUTH
341	18.407644	80.585510	23.14	I	AC PURAM SOUTH	381	18.349624	80.674253	26.33	II	PAVANOOR (W)	421	18.277797	80.688456	17.63	II	PALEM SOUTH
342	18.415062	80.587858	21.16	I	AC PURAM SOUTH	382	18.334861	80.651401	33.12	II	PAVANOOR (W)	422	18.285277	80.661043	45.69	II	PALEM SOUTH
343	18.396017	80.602551	16.92	I	AC PURAM SOUTH	383	18.335191	80.655105	70.34	III	PAVANOOR (W)	423	18.280039	80.659806	64.00	III	PALEM SOUTH
344	18.405101	80.586411	15.56	I	AC PURAM SOUTH	384	18.322283	80.652217	59.82	III	PAVANOOR (W)	424	18.291961	80.678278	96.45	III	PALEM SOUTH
345	18.400808	80.580850	22.19	I	AC PURAM SOUTH	385	18.326603	80.649117	15.73	IV	PAVANOOR (W)	425	18.300343	80.682703	96.38	III	PALEM SOUTH
346	18.407129	80.595146	12.61	I	AC PURAM SOUTH	386	18.220137	80.668581	17.87	I	ABBAIGUDEM	426	18.315465	80.620323	11.53	I	PATRAPURAM
347	18.413347	80.604957	23.44	I	AC PURAM SOUTH	387	18.222957	80.677204	21.96	II	ABBAIGUDEM	427	18.294506	80.603627	21.92	II	PATRAPURAM

List of Proposed PTs – Venkatapuram Range

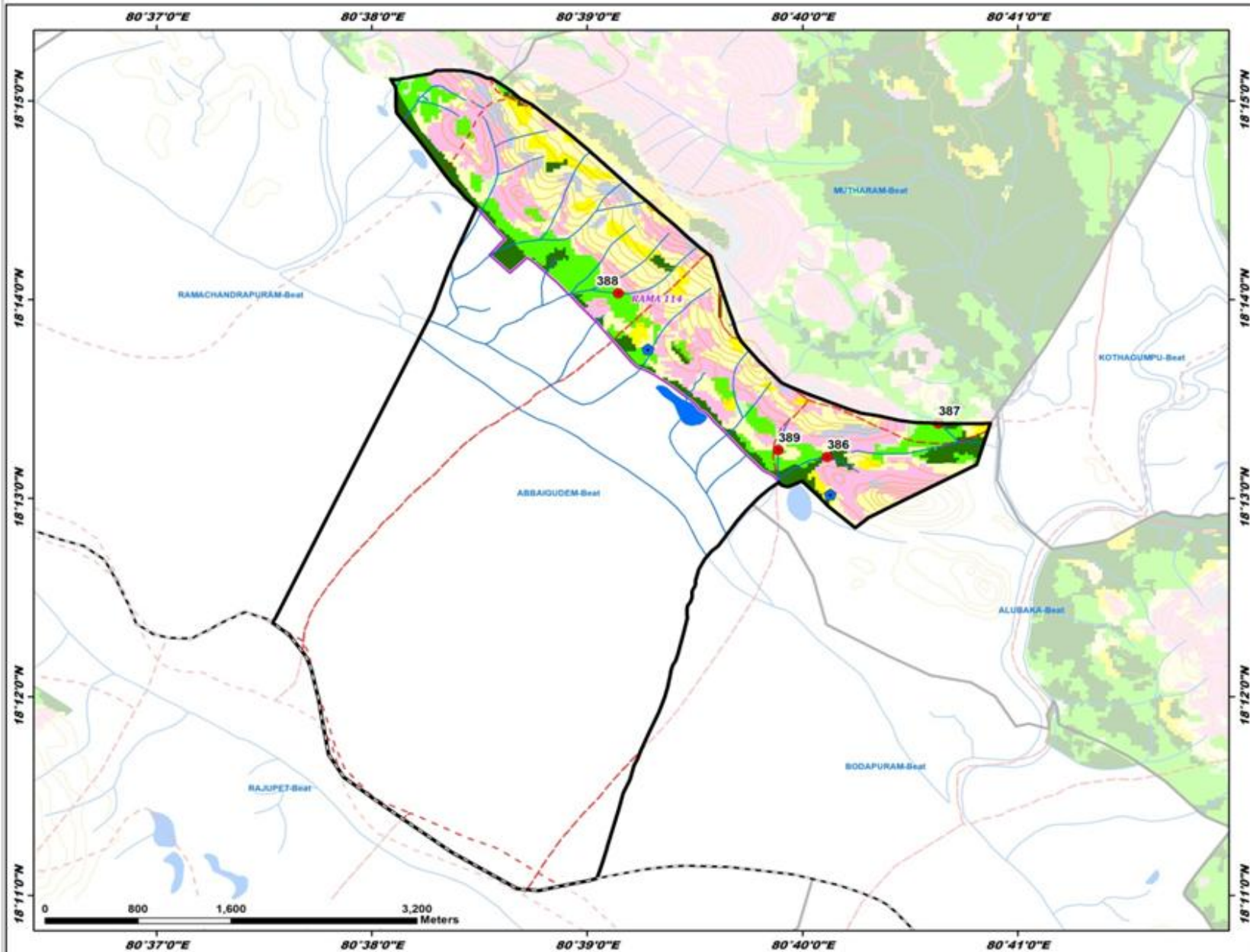
ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat
428	18.298846	80.611296	36.83	III	PATRAPURAM
429	18.306296	80.612668	26.65	III	PATRAPURAM
430	18.312041	80.594396	75.17	IV	PATRAPURAM
431	18.302049	80.612321	50.76	IV	PATRAPURAM
432	18.300845	80.626240	13.90	IV	PATRAPURAM
433	18.264298	80.646431	22.49	I	RAMACHANDRAPURAM
434	18.273008	80.643742	20.05	II	RAMACHANDRAPURAM
435	18.263917	80.631691	11.13	II	RAMACHANDRAPURAM
436	18.262228	80.636475	11.93	II	RAMACHANDRAPURAM
437	18.257601	80.631464	12.25	II	RAMACHANDRAPURAM
438	18.272933	80.636263	8.74	II	RAMACHANDRAPURAM
439	18.267892	80.644592	12.05	II	RAMACHANDRAPURAM
440	18.274501	80.641540	16.88	II	RAMACHANDRAPURAM
441	18.264495	80.634645	7.37	II	RAMACHANDRAPURAM
442	18.263461	80.661122	95.24	IV	RAMACHANDRAPURAM
443	18.261431	80.667580	11.43	IV	RAMACHANDRAPURAM
444	18.270233	80.645042	94.67	IV	RAMACHANDRAPURAM
445	18.252471	80.635742	15.76	IV	RAMACHANDRAPURAM
446	18.273361	80.607075	9.71	I	VEERABHADRAM
447	18.297456	80.596007	6.43	I	VEERABHADRAM
448	18.284850	80.608052	50.12	III	VEERABHADRAM
449	18.363757	80.566589	20.10	I	BIJINEPALLY
450	18.377960	80.562472	8.67	I	BIJINEPALLY
451	18.385329	80.561349	39.23	II	BIJINEPALLY
452	18.366491	80.580001	45.19	II	BIJINEPALLY
453	18.368969	80.575334	16.91	II	BIJINEPALLY
454	18.359520	80.567241	21.72	II	BIJINEPALLY
455	18.373696	80.571738	39.54	II	BIJINEPALLY
456	18.385157	80.609231	30.22	II	BIJINEPALLY
457	18.390398	80.588976	54.86	III	BIJINEPALLY
458	18.369847	80.580336	88.97	III	BIJINEPALLY
459	18.380235	80.592672	17.12	IV	BIJINEPALLY
460	18.378018	80.592785	33.01	V	BIJINEPALLY
461	18.333943	80.599027	6.96	I	BOLLARAM
462	18.341092	80.591889	21.13	I	BOLLARAM
463	18.333508	80.642484	18.88	I	BOLLARAM
464	18.333554	80.639049	25.06	II	BOLLARAM
465	18.340060	80.590125	42.36	II	BOLLARAM
466	18.332527	80.631833	42.04	III	BOLLARAM
467	18.320633	80.634784	9.92	IV	BOLLARAM

ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat
468	18.325516	80.538503	14.72	I	MARIKALA
469	18.323118	80.540208	14.42	I	MARIKALA
470	18.323970	80.527596	20.31	II	MARIKALA
471	18.329316	80.515428	9.19	II	MARIKALA
472	18.325988	80.523041	68.86	IV	MARIKALA
473	18.369949	80.559739	10.49	II	NUGURU
474	18.366489	80.561041	16.69	II	NUGURU
475	18.349928	80.571163	30.33	V	NUGURU
476	18.347803	80.608544	18.98	I	RACHAPALLY
477	18.350527	80.490913	9.72	II	VENKATAPURAM
478	18.342275	80.508419	13.78	II	VENKATAPURAM
479	18.319427	80.544247	18.94	II	VENKATAPURAM
480	18.361785	80.505787	11.60	II	VENKATAPURAM
481	18.348639	80.501913	24.14	II	VENKATAPURAM
482	18.338015	80.518654	12.99	II	VENKATAPURAM
483	18.363518	80.495091	7.83	II	VENKATAPURAM
484	18.352257	80.495627	6.45	II	VENKATAPURAM
485	18.357598	80.496566	14.73	II	VENKATAPURAM
486	18.360133	80.503505	18.37	II	VENKATAPURAM
487	18.331701	80.510600	38.98	III	VENKATAPURAM
488	18.365466	80.497807	25.90	III	VENKATAPURAM
489	18.347281	80.506799	23.18	IV	VENKATAPURAM
490	18.336265	80.514953	50.64	IV	VENKATAPURAM
491	18.345983	80.507610	7.98	IV	VENKATAPURAM
492	18.346633	80.501827	54.46	V	VENKATAPURAM
493	18.336042	80.518694	41.11	V	VENKATAPURAM

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



Division : Venkatapur
Range : Venkatapuram

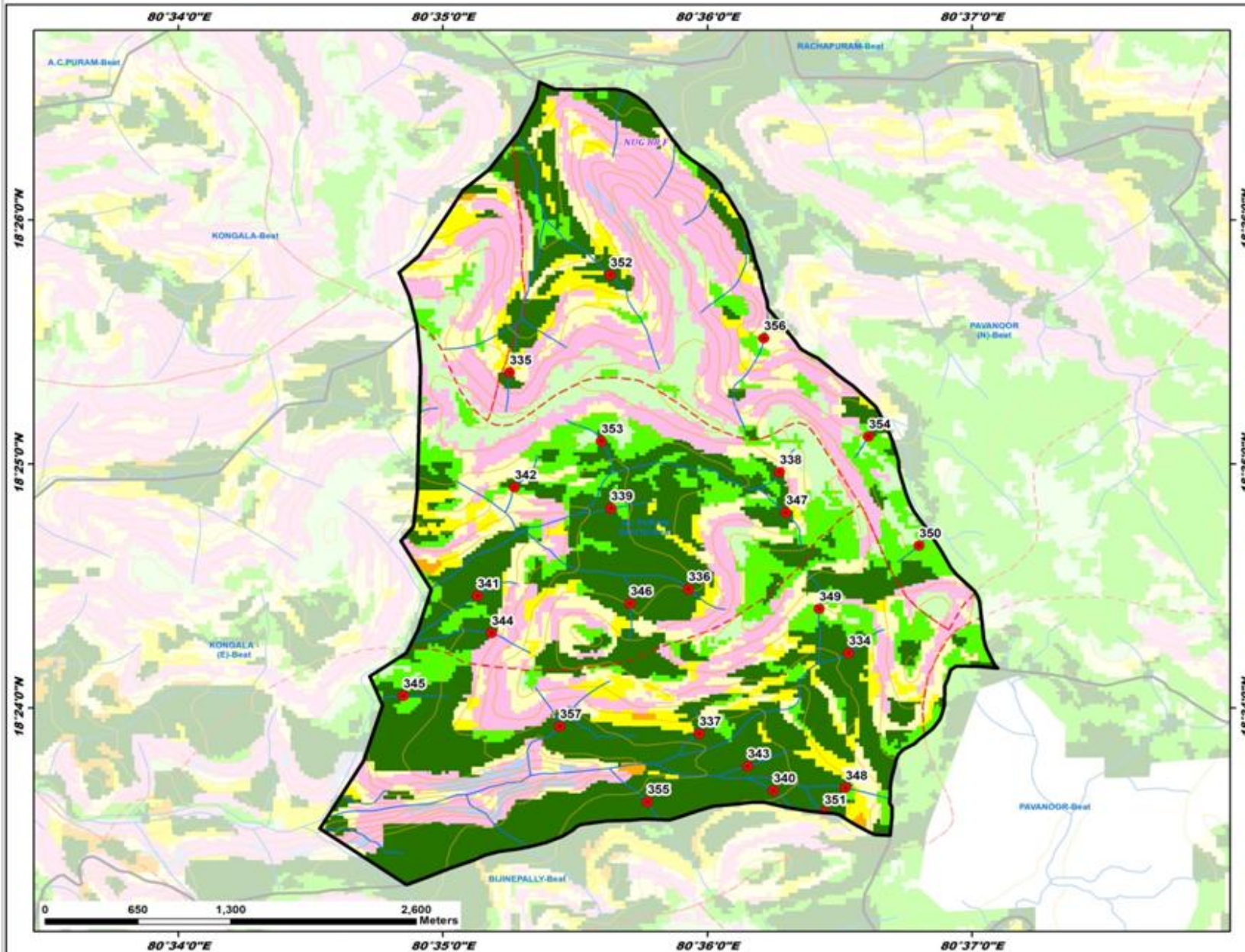


ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
386	18.220137	80.668581	17.87	I
387	18.222957	80.677204	21.96	II
388	18.233968	80.652430	23.14	II
389	18.220717	80.664796	14.15	II

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 AC Puram South Beat



Division : Venkatapur
Range : Venkatapuram

ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
334	18.403747	80.608913	17.27	I
335	18.422907	80.587545	12.29	I
336	18.408111	80.598821	23.85	I
337	18.398230	80.599510	13.37	I
338	18.418112	80.604557	5.91	I
339	18.413636	80.593932	18.42	I
340	18.394341	80.604174	9.98	I
341	18.407644	80.585510	23.14	I
342	18.415062	80.587858	21.16	I
343	18.396017	80.602551	16.92	I
344	18.405101	80.586411	15.56	I
345	18.400808	80.580850	22.19	I
346	18.407129	80.595146	12.61	I
347	18.413347	80.604957	23.44	I
348	18.394534	80.608710	11.74	II
349	18.406762	80.607066	12.45	II
350	18.411078	80.613350	23.14	II
351	18.392875	80.607374	32.76	II
352	18.429571	80.593892	48.60	II
353	18.418216	80.593323	27.45	II
354	18.418538	80.610174	9.11	II
355	18.393574	80.596235	51.56	II
356	18.425262	80.603577	48.75	II
357	18.398733	80.590715	62.11	II

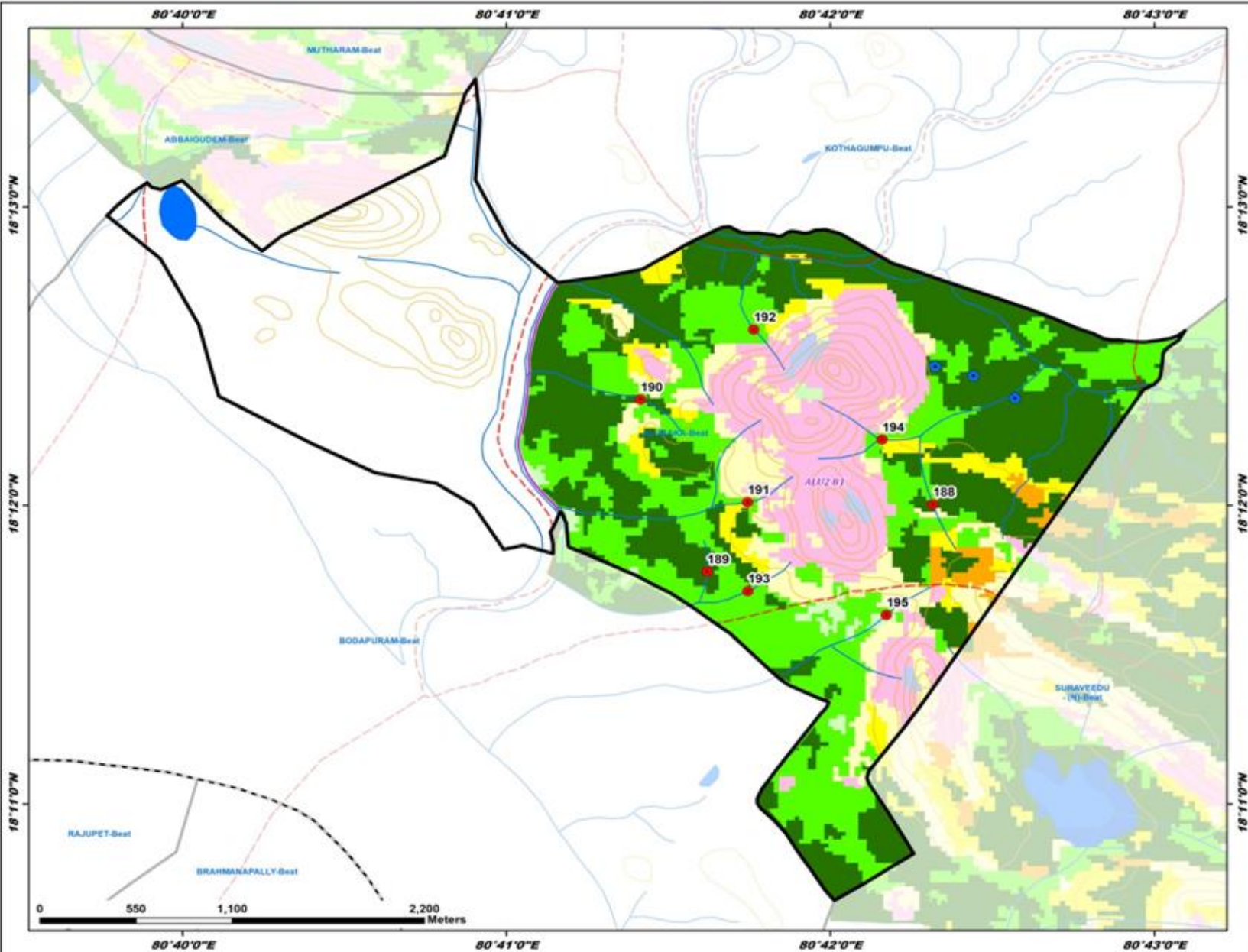
LEGEND

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

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



Division : Venkatapur
Range : Venkatapuram



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
188	18.20053	80.705282	13.69	I
189	18.196289	80.693625	9.89	I
190	18.205903	80.690239	10.54	II
191	18.200180	80.695740	13.44	II
192	18.209807	80.696062	10.89	II
193	18.195209	80.695758	18.96	II
194	18.209672	80.702659	27.93	III
195	18.199879	80.702888	31.58	V

LEGEND

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

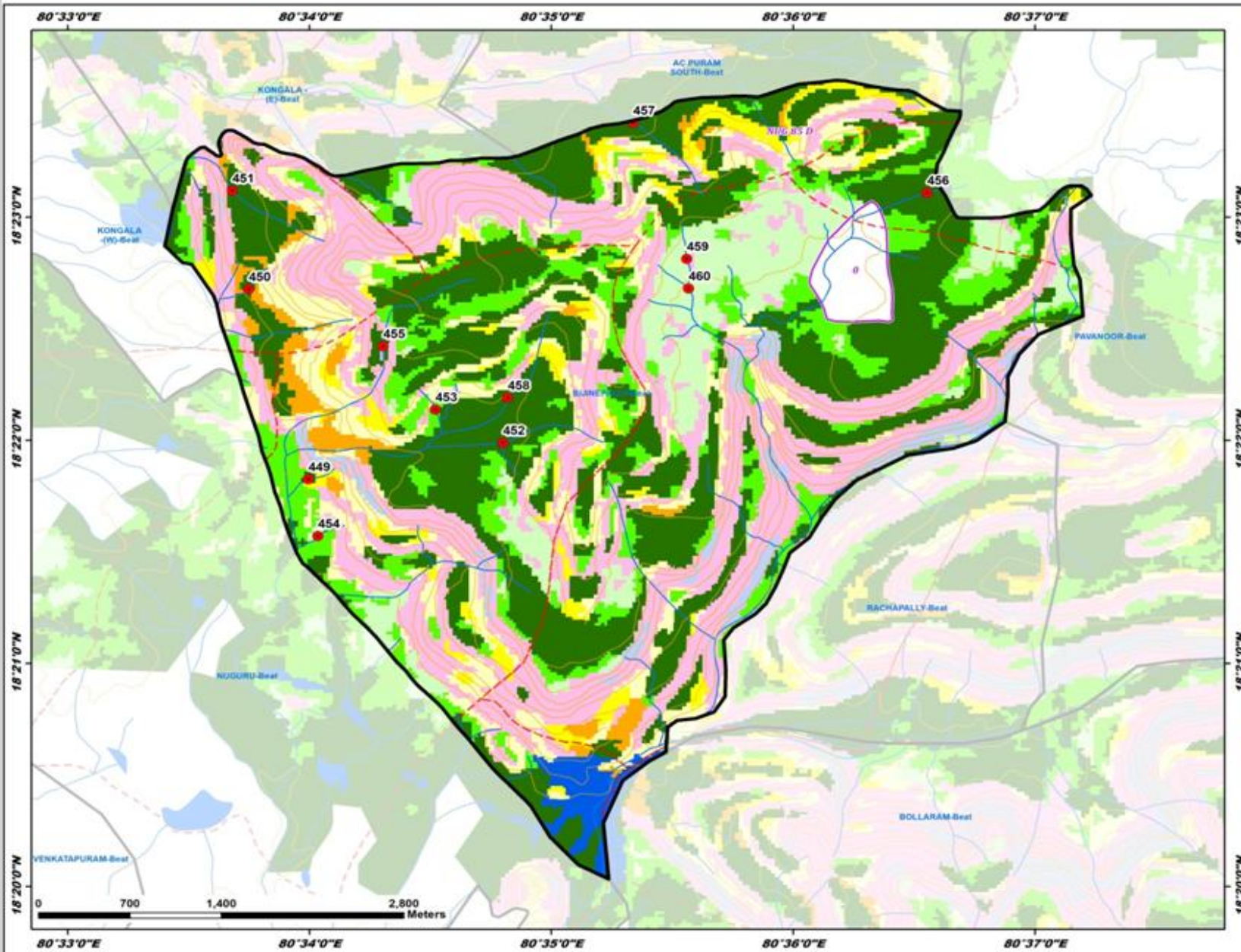
Suitability Index

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

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



Division : Venkatapur
Range : Venkatapuram



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
449	18.363757	80.566589	20.10	I
450	18.379960	80.562472	8.67	I
451	18.385329	80.561349	39.23	II
452	18.366491	80.580001	45.19	II
453	18.368969	80.575134	16.91	II
454	18.359520	80.567241	21.72	II
455	18.373696	80.571738	39.54	II
456	18.385157	80.609231	30.22	II
457	18.390398	80.588976	54.86	III
458	18.369847	80.580136	88.97	III
459	18.380235	80.592672	17.12	IV
460	18.378018	80.592785	33.01	V

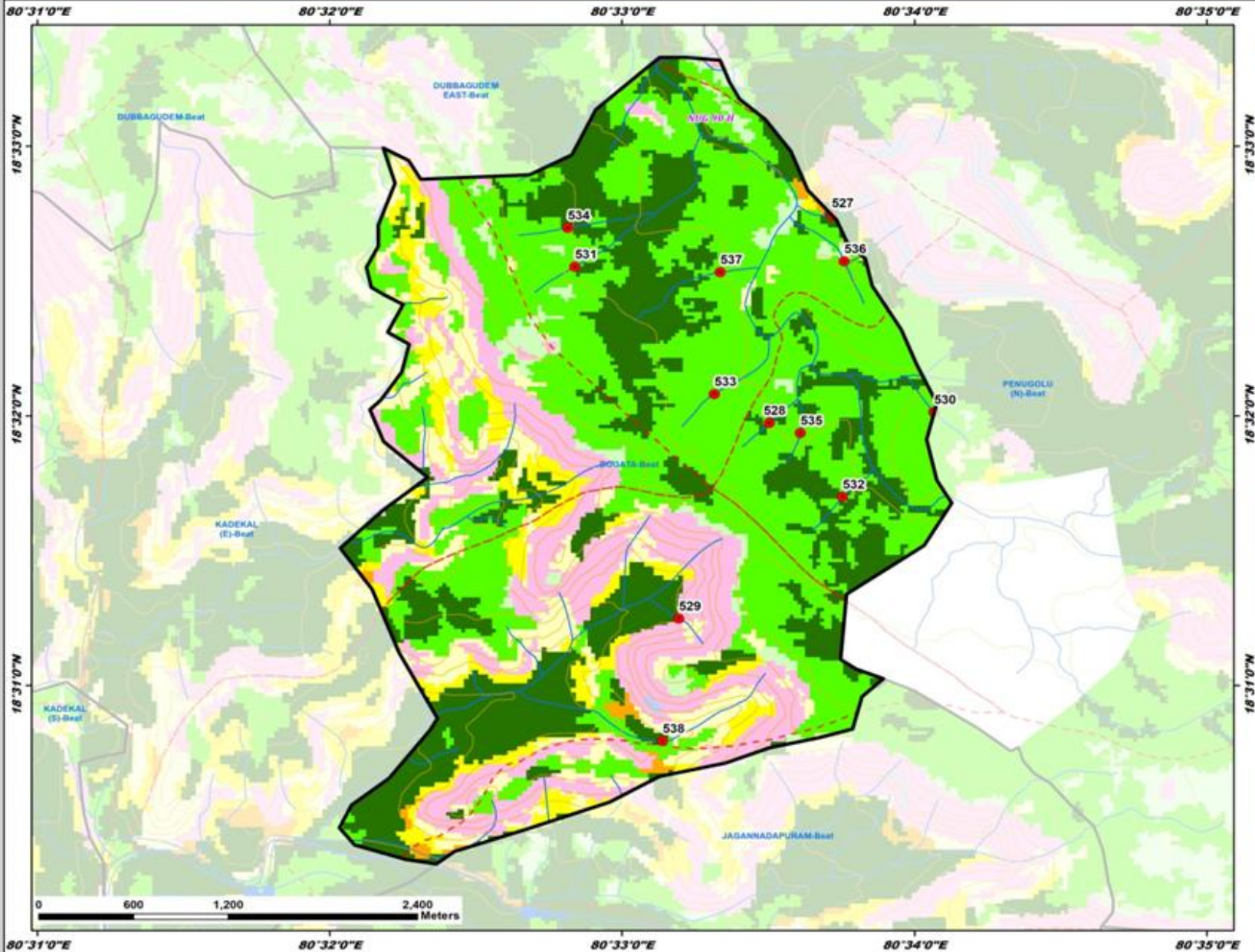
LEGEND

- 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 Bogata Beat



Division : Venkatapur
Range : Venkatapuram



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
527	18.545721	80.561951	15.18	I
528	18.532903	80.558403	22.06	I
529	18.520821	80.553233	20.73	I
530	18.533574	80.567778	11.34	II
531	18.542566	80.547313	18.68	II
532	18.528340	80.562579	30.87	II
533	18.534685	80.555257	19.67	II
534	18.544967	80.546895	12.26	II
535	18.532283	80.560167	26.26	III
536	18.542894	80.562657	41.27	III
537	18.542221	80.555599	31.44	III
538	18.513239	80.552313	82.75	III

LEGEND

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

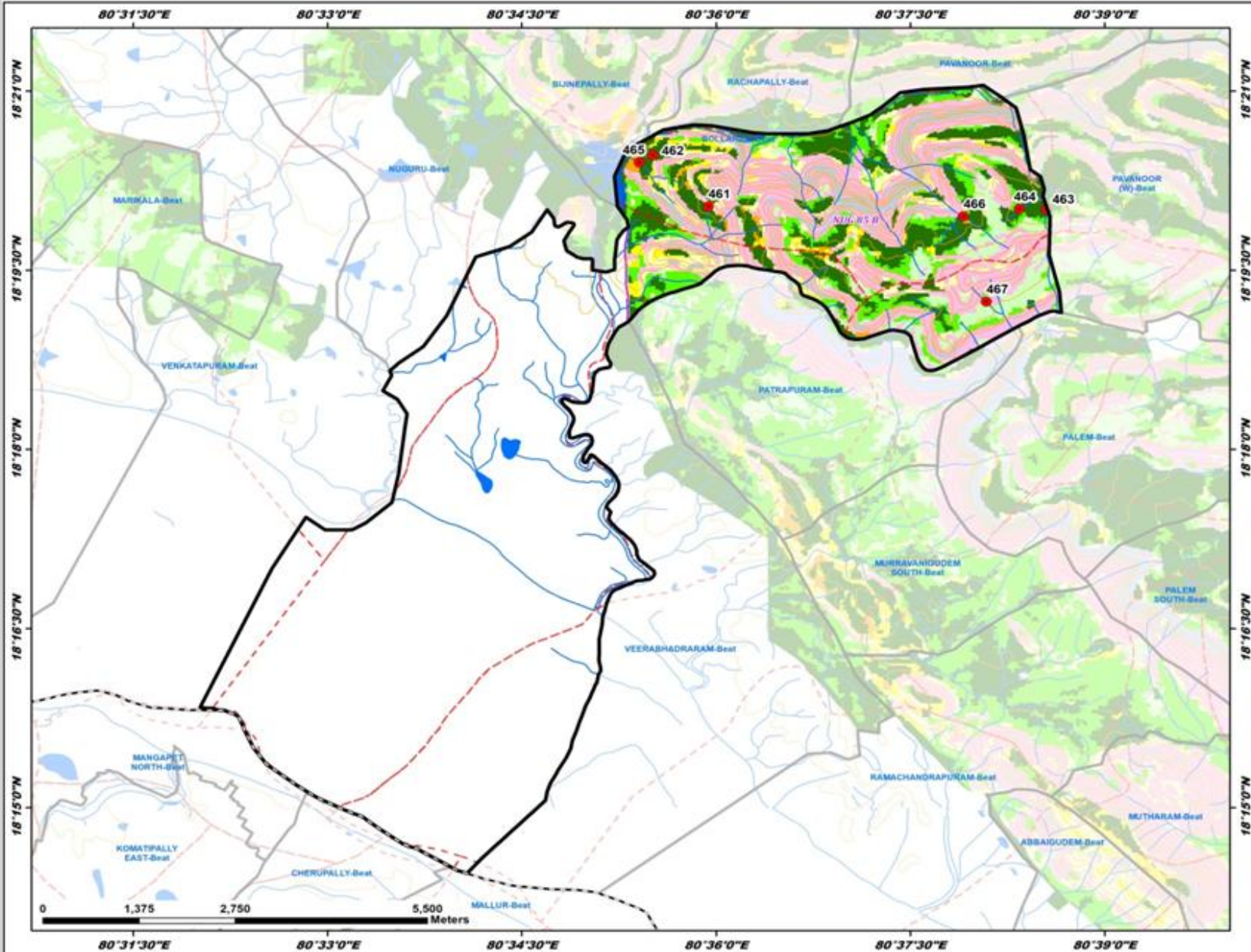
Suitability Index

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



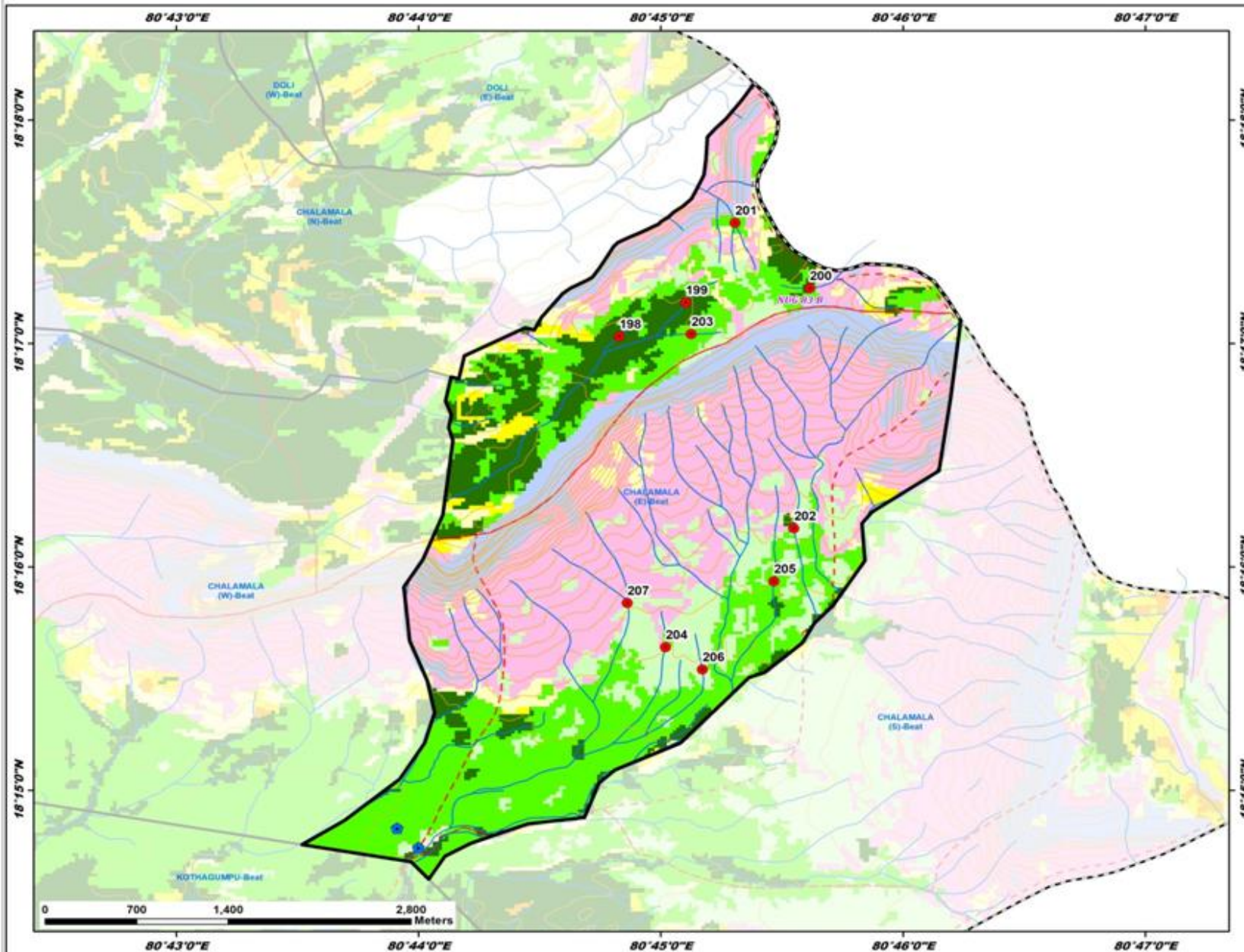
Division : Venkatapur
Range : Venkatapuram



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
461	18.333943	80.599027	6.96	I
462	18.341092	80.591829	21.13	I
463	18.333508	80.642484	18.89	I
464	18.333554	80.639049	25.06	II
465	18.340060	80.590125	42.36	II
466	18.332527	80.631833	42.04	III
467	18.320633	80.634794	9.92	IV

- LEGEND**
- Proposed PTs
 - Existing CD/PTs
 - Contours
 - Streams
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 - ▭ Compartment Boundary
 - ▭ Beat Boundary
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 - CCTs/SCTs - Least Suitable
 - PTs - Highly Suitable
 - PTs - Moderately Suitable
 - PTs - Least Suitable
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 - Water Body

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



Division : Venkatapur
Range : Venkatapuram

ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
198	18.283858	80.747152	11.24	I
199	18.286396	80.751718	17.69	I
200	18.287466	80.760249	9.08	II
201	18.292851	80.755107	16.82	II
202	18.269560	80.759163	11.52	II
203	18.284046	80.752107	6.97	II
204	18.260696	80.750820	13.23	II
205	18.265601	80.757792	17.00	II
206	18.259022	80.752872	10.67	IV
207	18.263981	80.747704	64.94	V

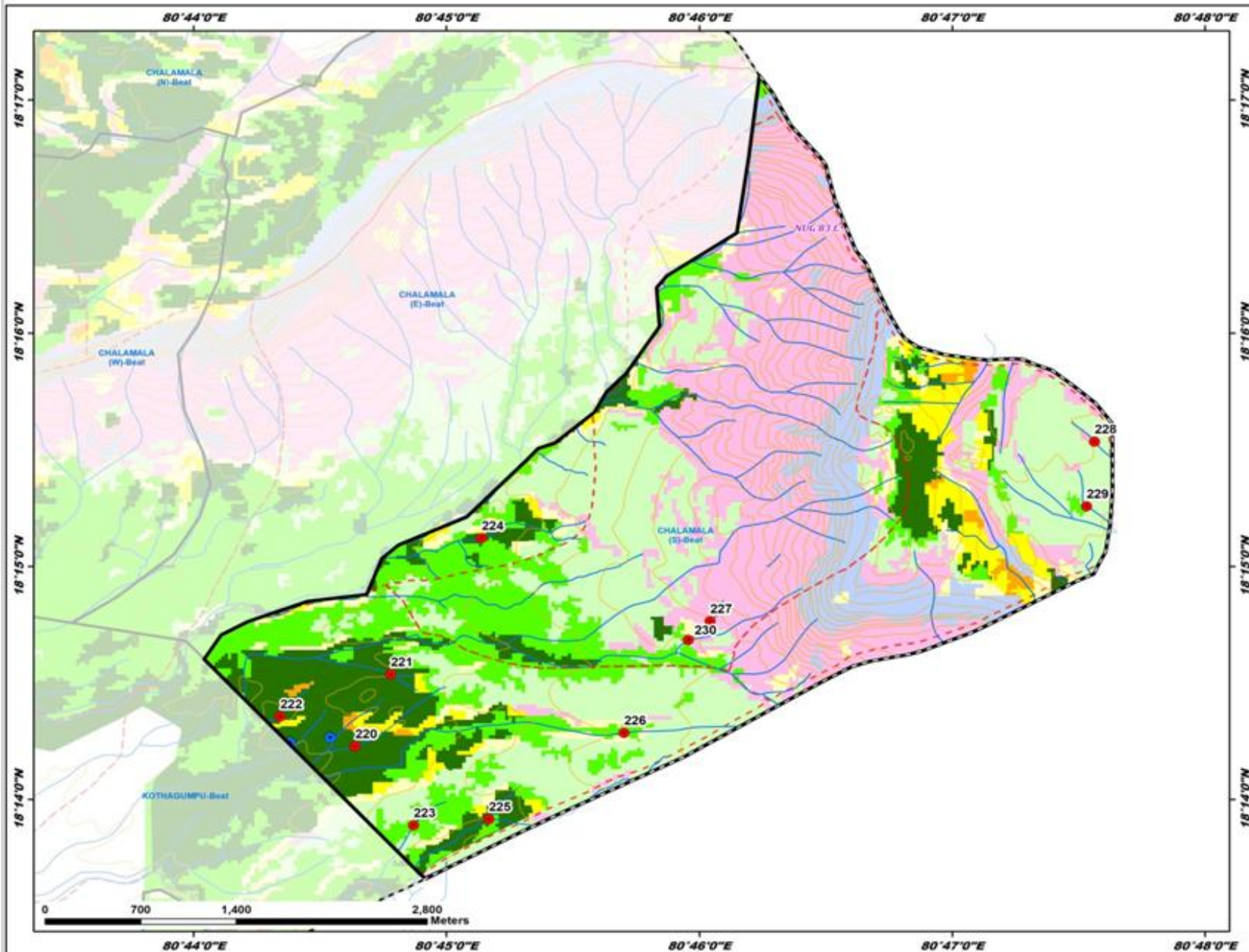
LEGEND

- 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 Chalamala South Beat



Division : Venkatapur
Range : Venkatapuram

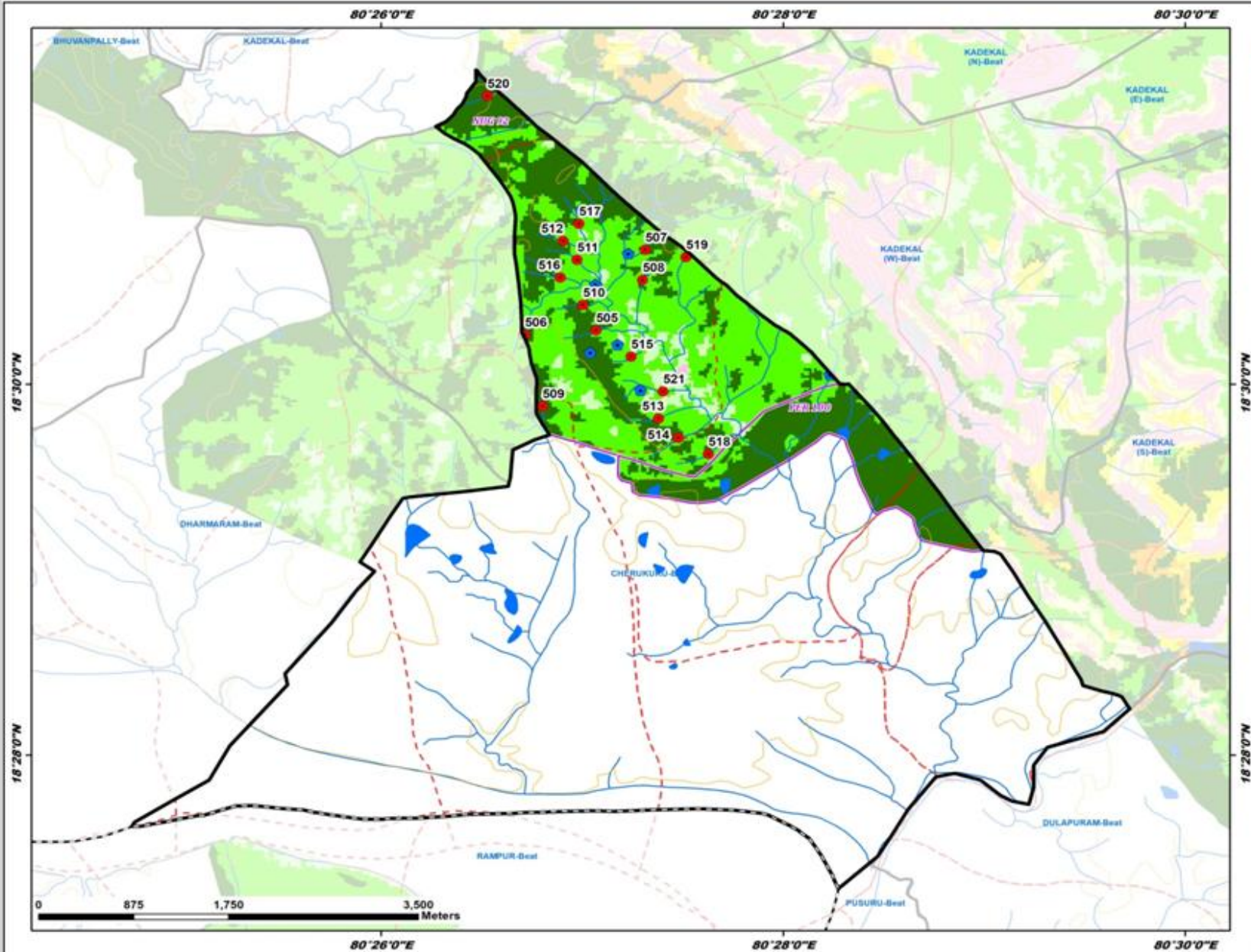


ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
220	18.237141	80.743982	17.31	I
221	18.242282	80.746341	10.03	I
222	18.239278	80.739053	12.28	I
223	18.231507	80.747842	6.99	II
224	18.252019	80.752327	40.16	III
225	18.231931	80.752789	79.30	III
226	18.238103	80.761710	30.14	III
227	18.246086	80.767388	7.27	IV
228	18.258922	80.792718	15.99	IV
229	18.254310	80.792194	9.14	IV
230	18.244733	80.763947	36.05	V

LEGEND

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- Streams
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- ▭ Beat Boundary
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- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body

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



Division : Venkatapur
Range : Venkatapuram

ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
505	18.504879	80.451157	24.00	I
506	18.504470	80.445253	15.54	I
507	18.512101	80.455230	8.29	I
508	18.509391	80.455023	6.39	I
509	18.498040	80.446722	7.31	I
510	18.507141	80.450066	6.84	I
511	18.511200	80.449580	5.21	II
512	18.512911	80.448432	8.43	II
513	18.496950	80.456344	18.80	II
514	18.495187	80.457983	10.79	II
515	18.502510	80.454079	7.21	II
516	18.509622	80.448192	14.42	II
517	18.514455	80.449729	8.92	II
518	18.493747	80.460474	8.44	II
519	18.511444	80.458613	12.59	II
520	18.525829	80.442151	37.21	II
521	18.499367	80.456715	34.07	III

LEGEND

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

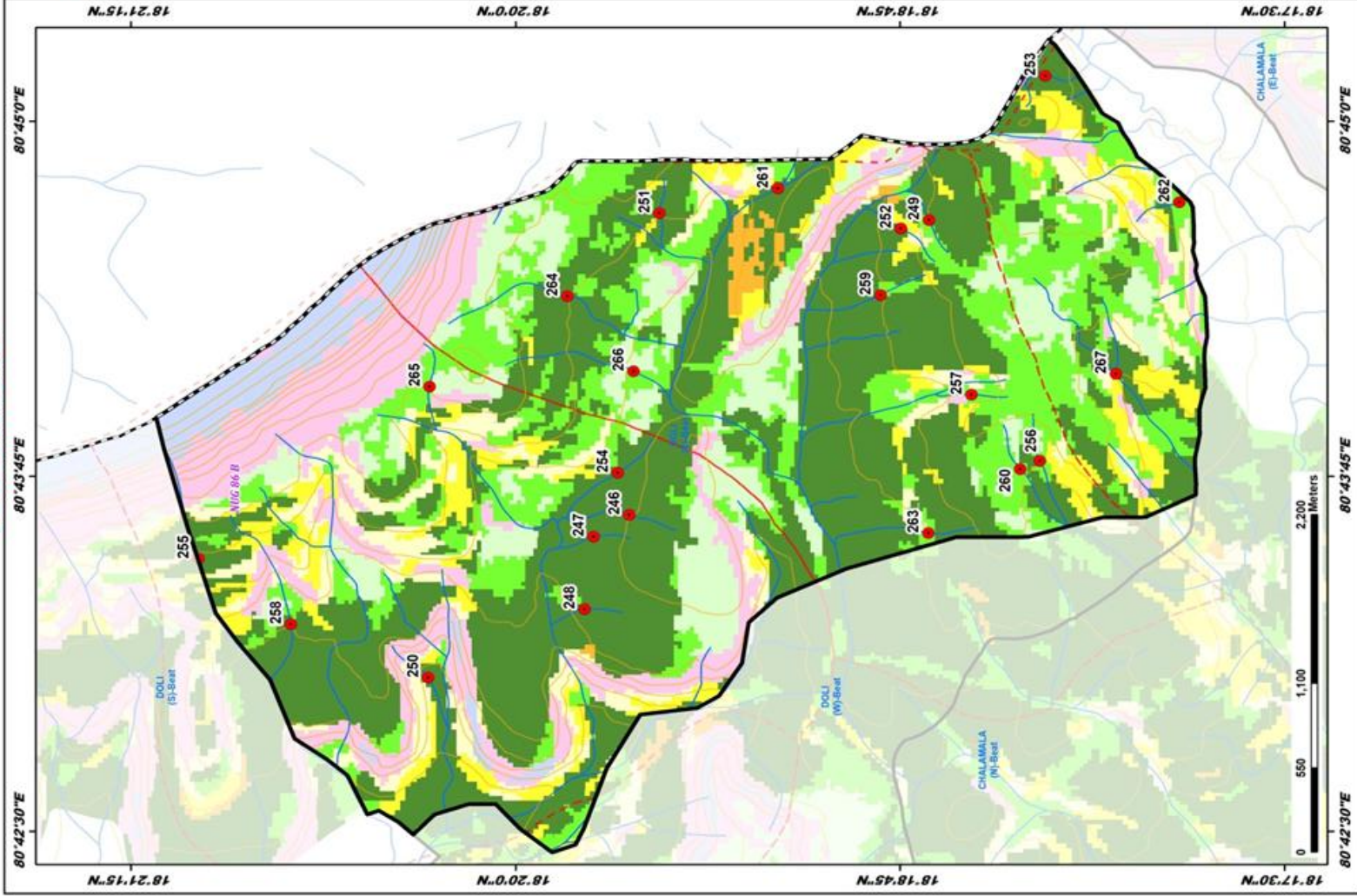
Suitability Index

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

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



Division : Venkatapur
Range : Venkatapuram



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
246	18.327168	80.726926	9.67	I
247	18.328099	80.725639	6.79	I
248	18.325686	80.721379	14.65	I
249	18.310936	80.744215	13.04	I
251	18.338068	80.717372	11.40	I
252	18.325535	80.746636	6.14	I
252	18.312056	80.740736	10.48	I
253	18.304628	80.752680	8.15	I
254	18.327790	80.729389	26.65	II
255	18.306517	80.724847	29.52	II
256	18.308629	80.735976	11.76	II
258	18.345500	80.726603	39.98	II
259	18.313558	80.739826	13.26	II
260	18.305680	80.729609	9.95	II
261	18.319119	80.746087	27.25	II
262	18.297968	80.743274	13.97	II
263	18.310971	80.725850	13.98	II
264	18.330520	80.739745	72.23	III
265	18.337998	80.734456	25.16	III
266	18.326946	80.735349	30.20	III
267	18.300797	80.735199	66.28	III

LEGEND

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

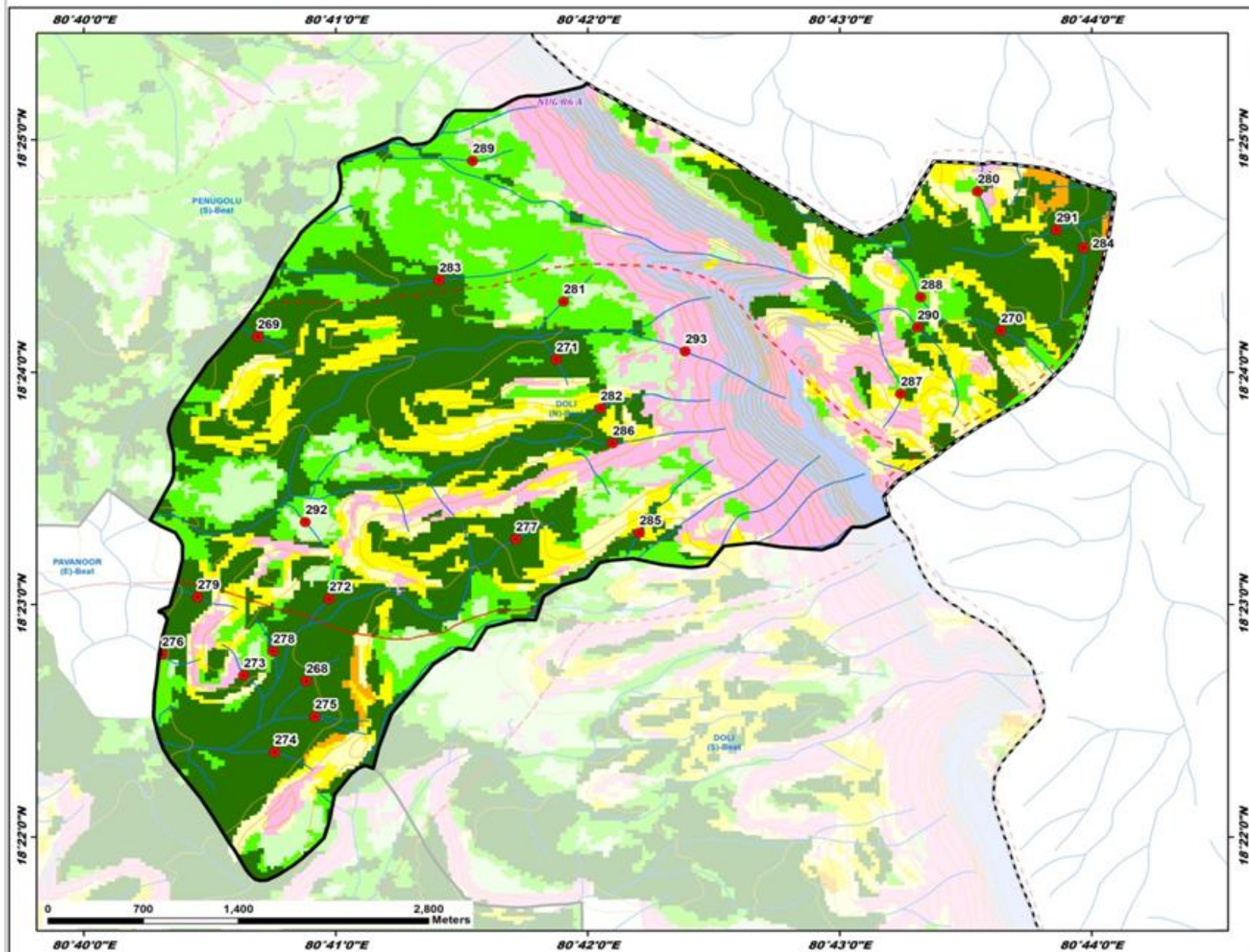
Suitability Index

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

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



Division : Venkatapur
Range : Venkatapuram



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
268	18.377859	80.681374	17.80	I
269	18.402551	80.678163	16.06	I
270	18.402981	80.727324	10.37	I
271	18.400902	80.697917	14.07	I
272	18.383735	80.682896	6.94	I
273	18.378264	80.677236	8.08	I
274	18.372761	80.679292	12.25	I
275	18.375294	80.681949	12.11	I
276	18.379790	80.671826	8.63	I
277	18.388033	80.695241	15.03	I
278	18.379991	80.679177	10.28	I
279	18.383887	80.674201	12.53	I
280	18.412976	80.725807	7.56	II
281	18.405075	80.698407	18.85	II
282	18.397427	80.700846	27.66	II
283	18.406606	80.690180	46.34	II
284	18.408523	80.732806	42.63	II
285	18.388485	80.703429	29.42	II
286	18.394912	80.701653	33.19	II
287	18.398447	80.720716	9.89	II
288	18.405384	80.722033	6.50	II
289	18.415160	80.692388	27.98	III
290	18.403214	80.721818	26.97	III
291	18.410212	80.730998	54.93	III
292	18.389251	80.681513	9.60	IV
293	18.401493	80.706460	31.99	V

LEGEND

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

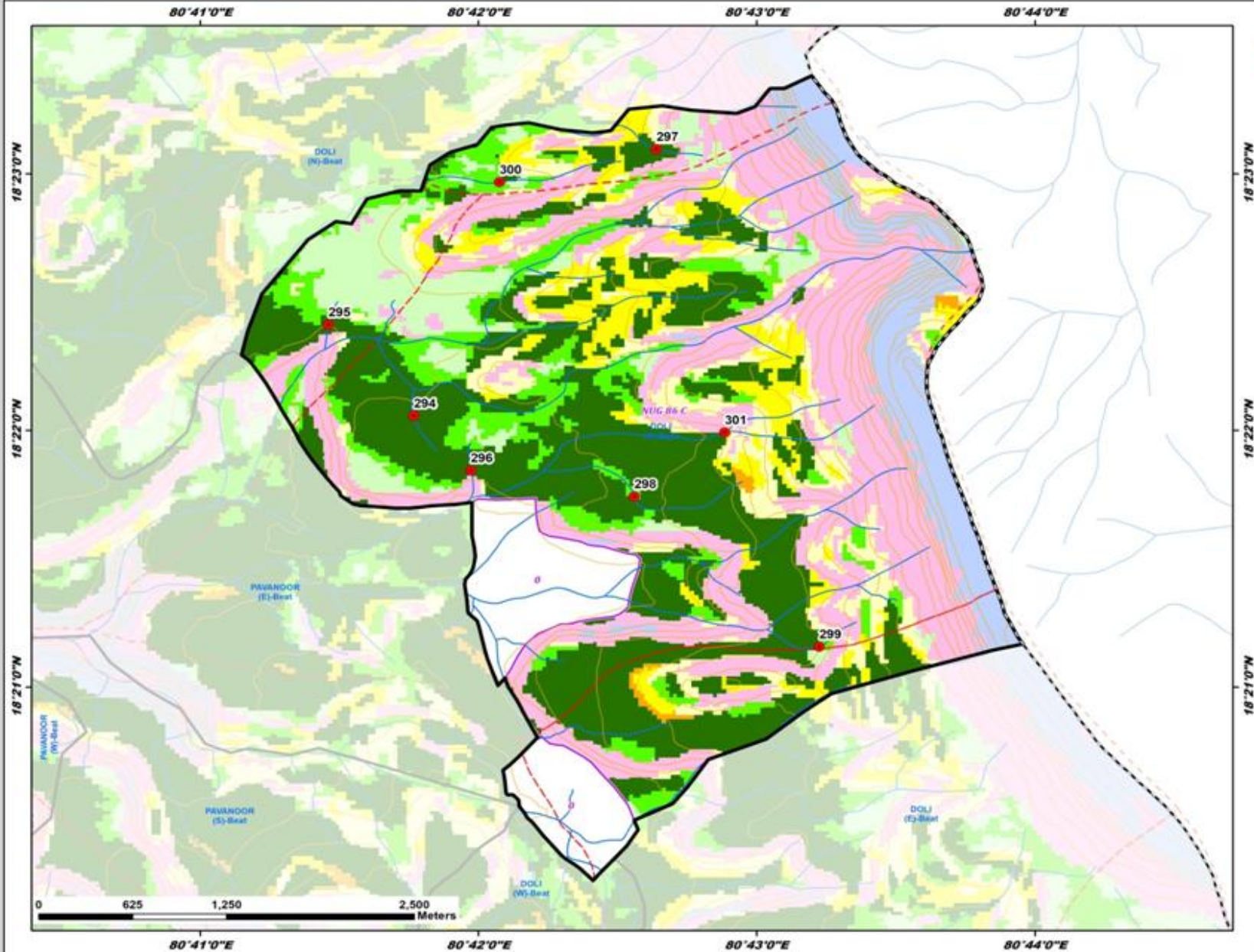
Suitability Index

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

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



Division : Venkatapur
Range : Venkatapuram



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
294	18.367629	80.696123	19.13	I
295	18.379553	80.691016	16.45	I
296	18.364076	80.699543	7.81	I
297	18.384943	80.710666	16.13	I
298	18.362385	80.709335	39.30	II
299	18.352633	80.720417	28.94	III
300	18.382799	80.701261	33.10	III
301	18.366552	80.734758	62.13	III

LEGEND

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

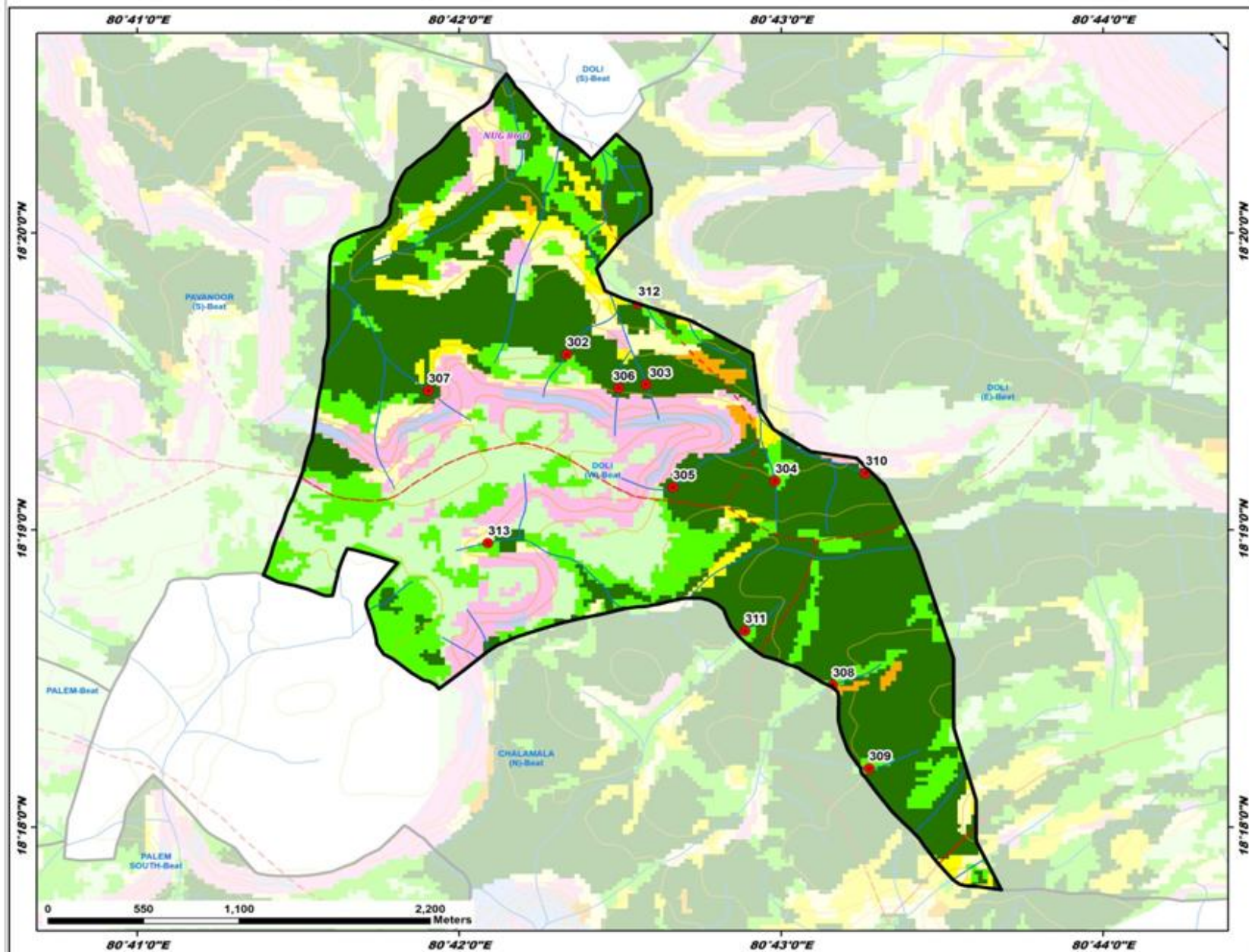
Suitability Index

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

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



Division : Venkatapur
Range : Venkatapuram



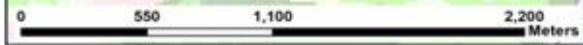
ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
302	18.326508	80.705582	9.38	I
303	18.324829	80.709682	7.05	I
304	18.319414	80.716371	7.97	I
305	18.319662	80.711074	19.51	I
306	18.324619	80.708272	16.13	I
307	18.324481	80.698414	18.81	I
308	18.307968	80.719340	16.83	II
309	18.303282	80.721234	10.87	II
310	18.319854	80.721041	46.44	II
311	18.311006	80.714812	13.74	II
312	18.329365	80.709275	11.28	II
313	18.315934	80.701494	20.30	II

LEGEND

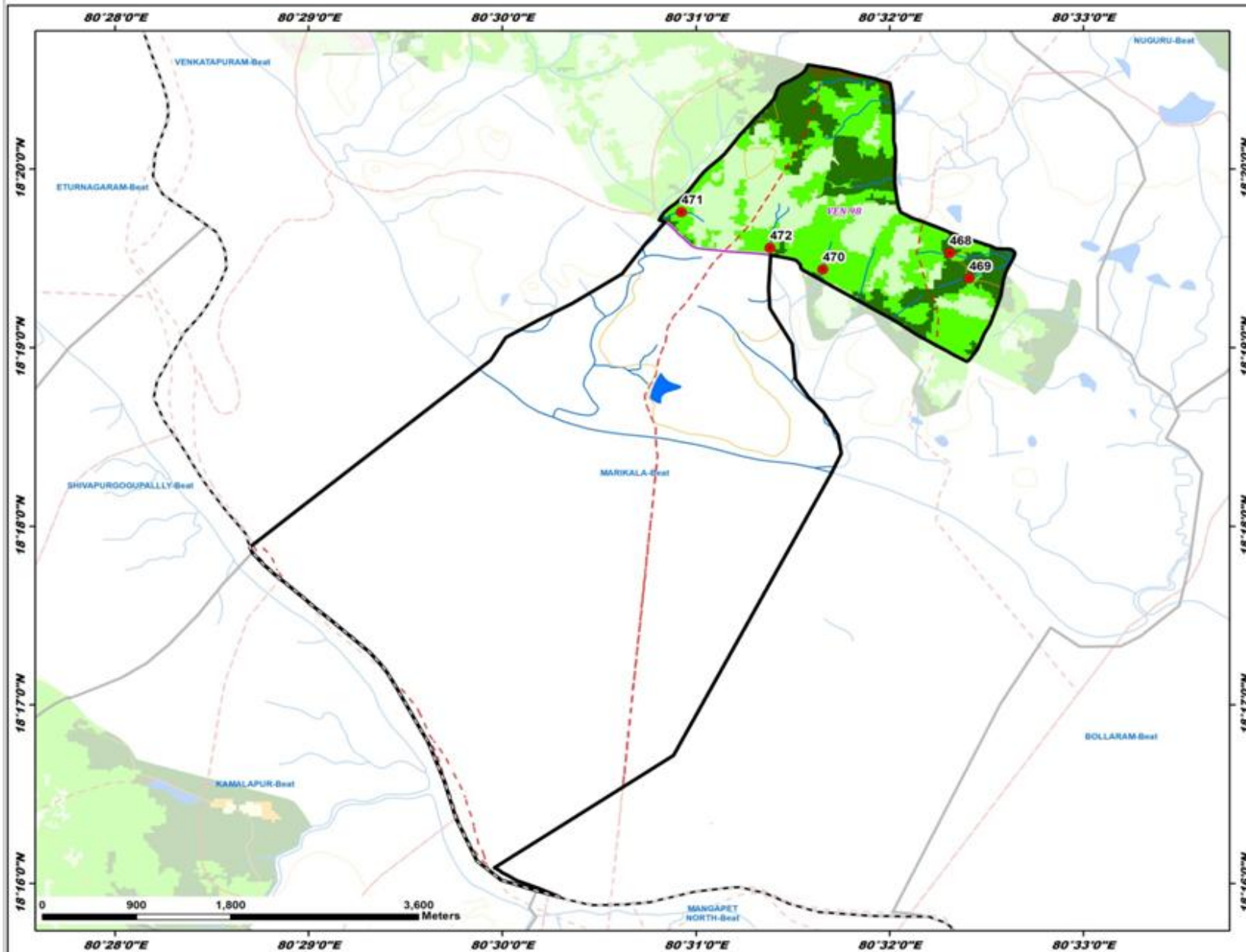
- Proposed PTs
- Existing CD/PTs
- Contours
- Streams
- ▭ Watershed Boundary
- ▭ Compartment Boundary
- ▭ Beat Boundary
- ▭ Division Boundary

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 Marikala Beat



Division : Venkatapur
Range : Venkatapuram

ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
468	18.325516	80.530509	14.72	I
469	18.323118	80.540208	14.42	I
470	18.320970	80.527596	20.31	II
471	18.329316	80.515428	9.19	II
472	18.325988	80.529041	68.86	IV

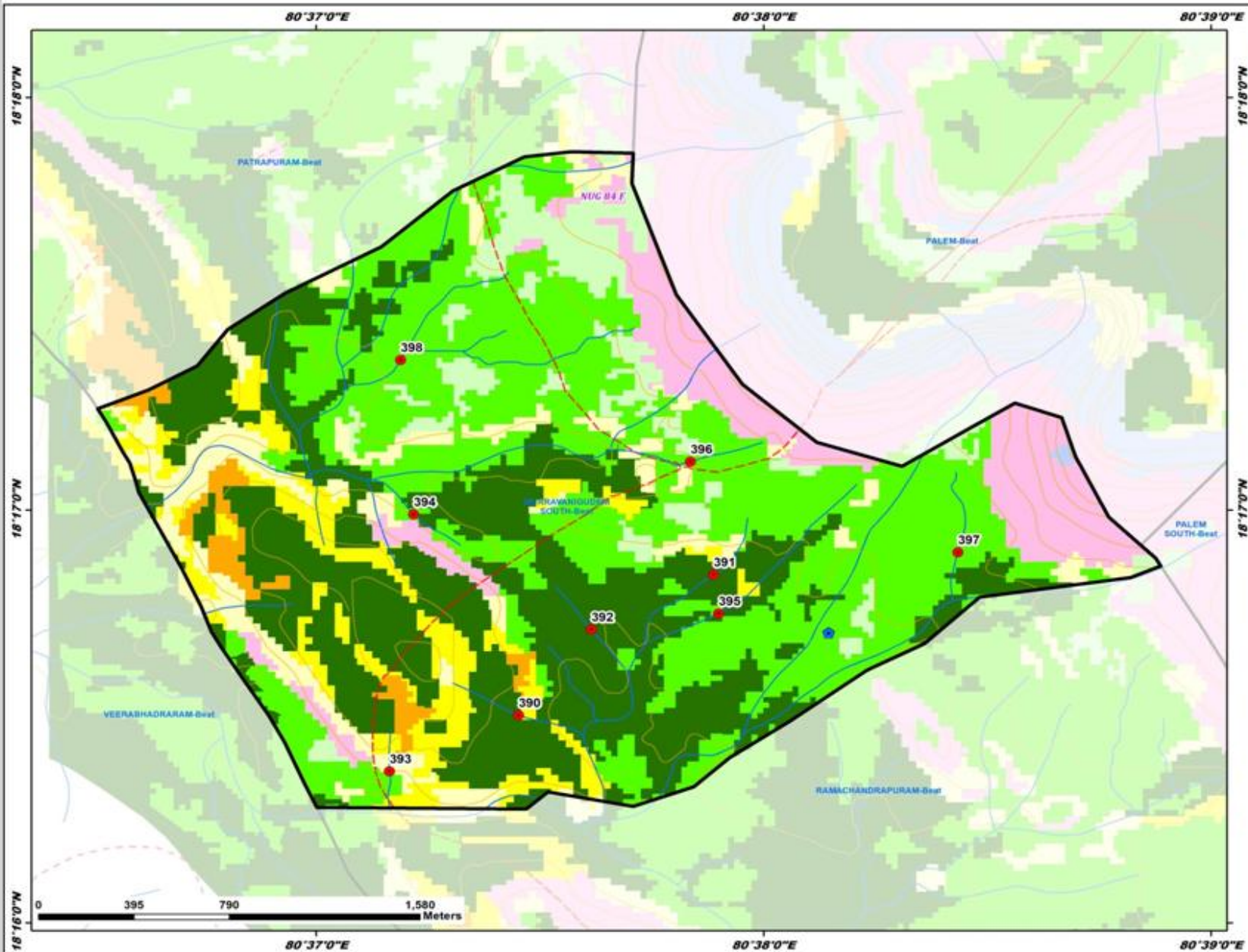
LEGEND

- 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 Murravanigudem South Beat



Division : Venkatapur
Range : Venkatapuram



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
390	18.275049	80.624212	8.79	I
391	18.280733	80.631471	6.53	I
392	18.278516	80.626918	16.66	I
393	18.272783	80.619402	8.30	II
394	18.283165	80.620303	24.04	II
395	18.279163	80.631657	34.83	III
396	18.285291	80.630608	38.10	III
397	18.281631	80.640578	30.09	III
398	18.289405	80.619809	97.56	IV

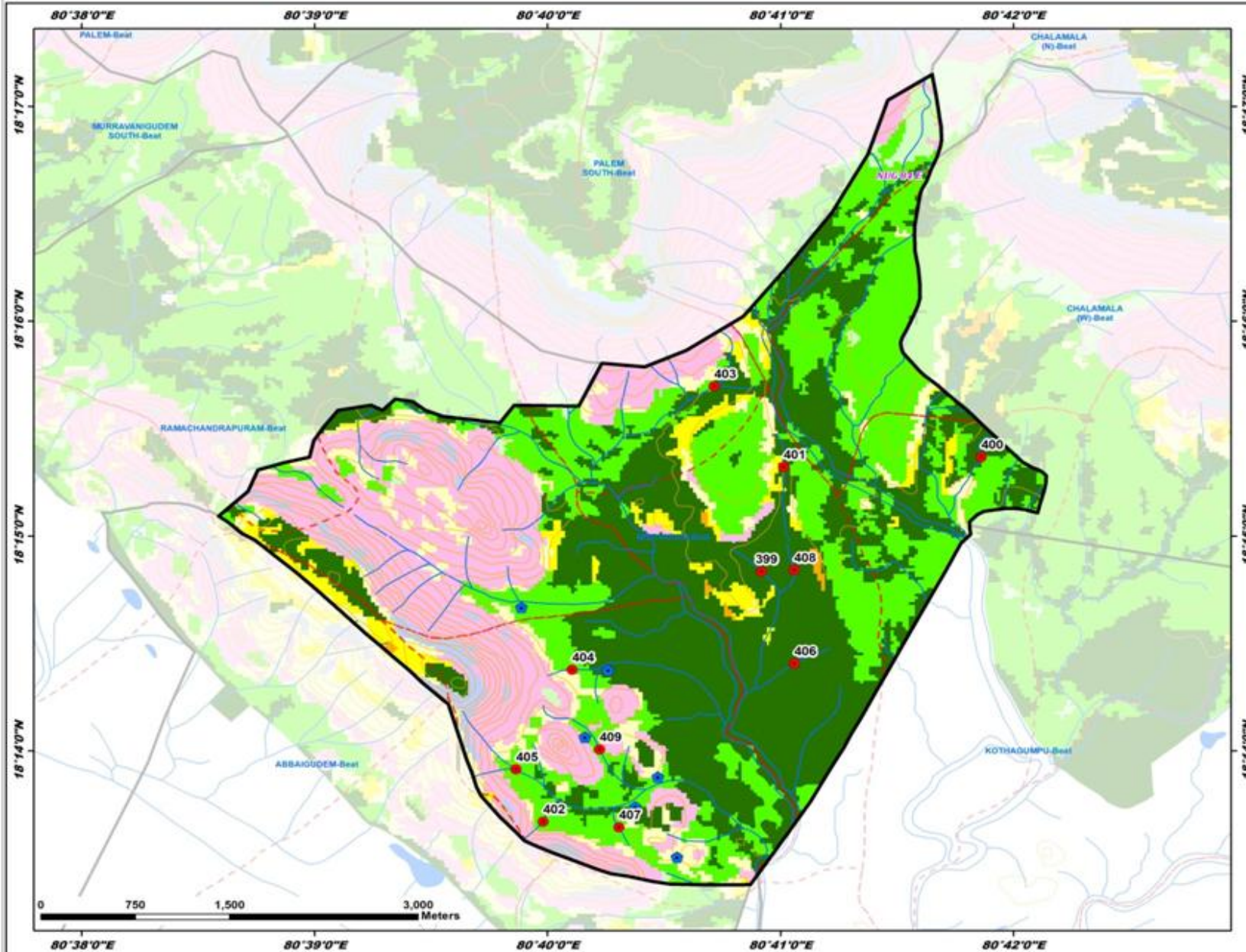
LEGEND

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

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



Division : Venkatapur
Range : Venkatapuram



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
399	18.247248	80.681970	10.46	I
400	18.256149	80.697710	12.73	I
401	18.255357	80.683566	11.12	I
402	18.227856	80.666369	8.88	II
403	18.261631	80.678603	36.58	II
404	18.239635	80.668435	17.45	II
405	18.231920	80.664415	24.92	II
406	18.240116	80.684334	25.35	II
407	18.227421	80.671780	6.55	II
408	18.247370	80.684318	60.24	III
409	18.239448	80.670187	39.04	III

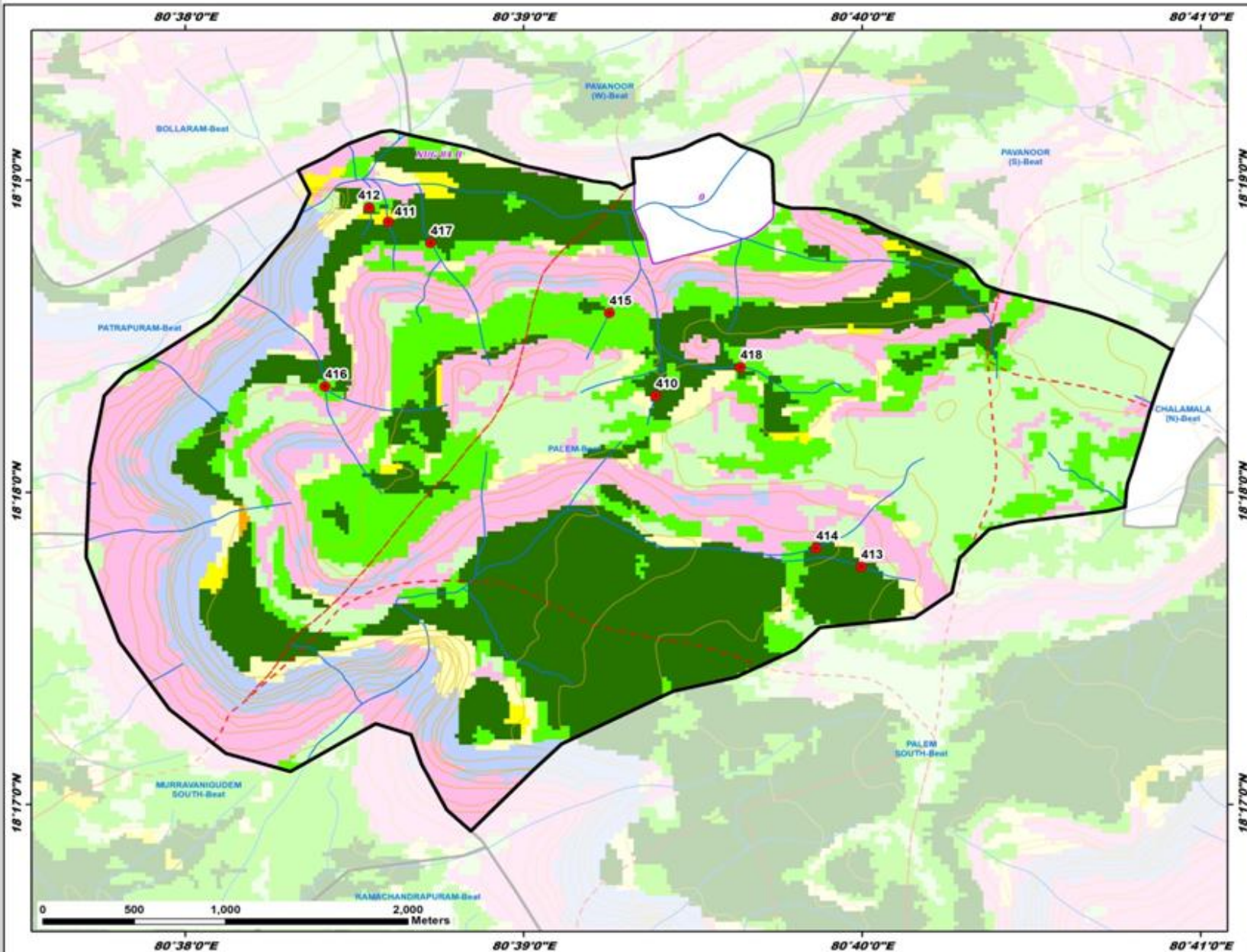
LEGEND

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

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



Division : Venkatapur
Range : Venkatapuram



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
410	18.305157	80.656504	16.13	I
411	18.314460	80.643324	9.52	I
412	18.315215	80.642383	5.93	I
413	18.296035	80.666622	22.94	I
414	18.297038	80.664414	29.87	II
415	18.309584	80.654222	7.57	II
416	18.305662	80.640210	46.93	III
417	18.313320	80.645407	49.60	III
418	18.306695	80.660677	58.12	IV

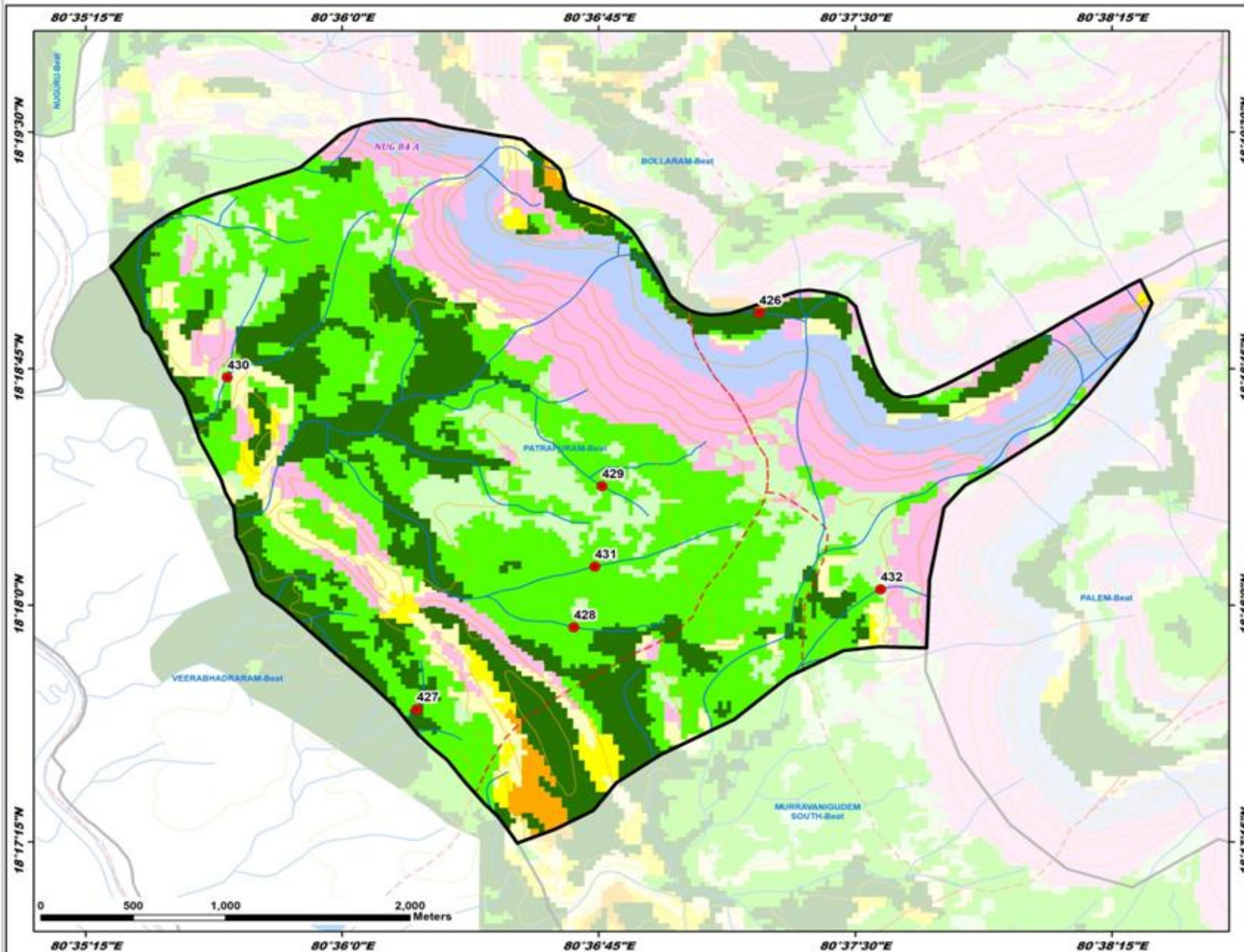
LEGEND

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

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



Division : Venkatapur
Range : Venkatapuram



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
426	18.315465	80.620323	11.53	I
427	18.294506	80.603627	21.92	II
428	18.298846	80.611296	36.83	III
429	18.306296	80.612668	26.65	III
430	18.312041	80.594396	75.17	IV
431	18.302049	80.612321	50.76	IV
432	18.300845	80.626240	13.90	IV

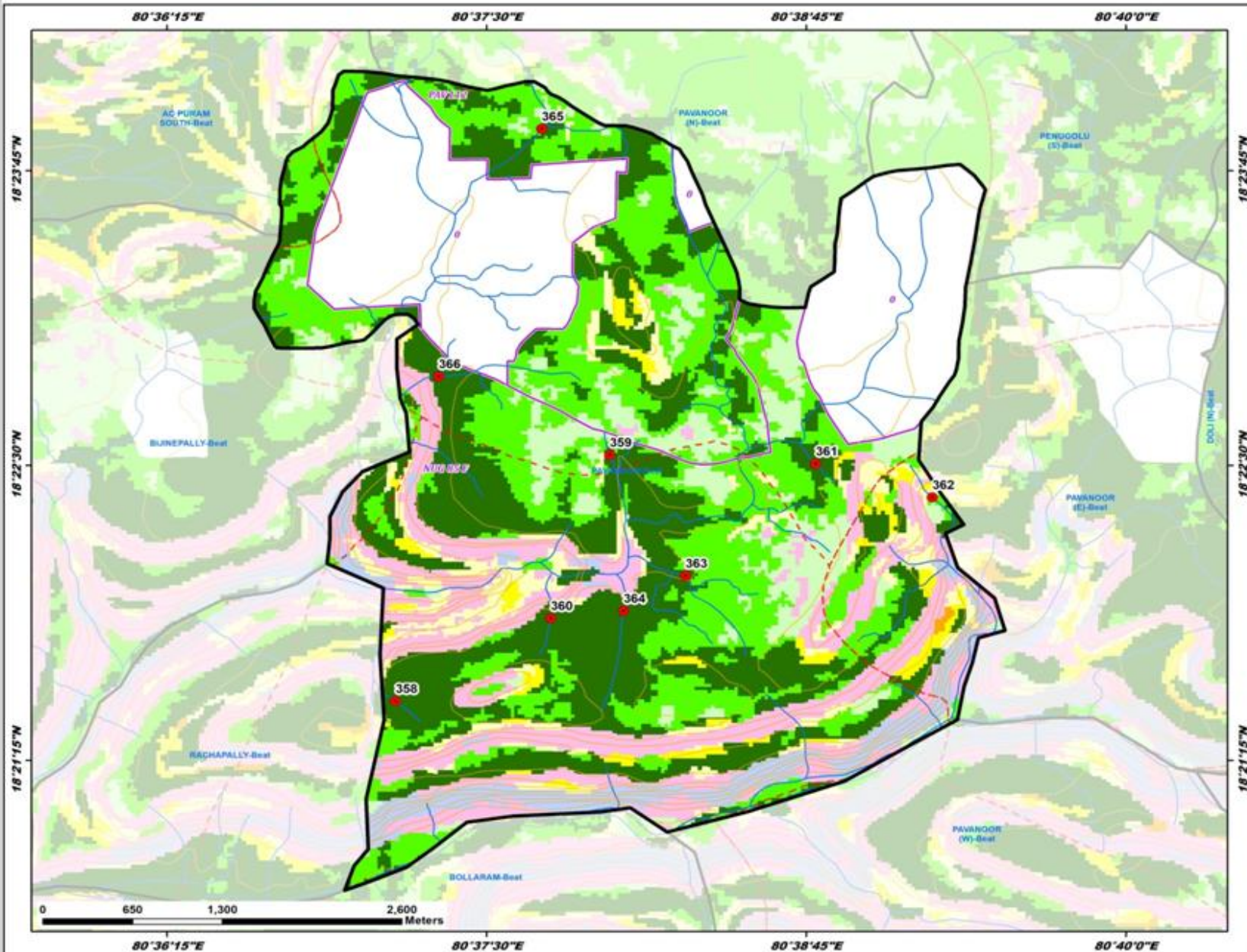
LEGEND

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

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



Division : Venkatapur
Range : Venkatapuram



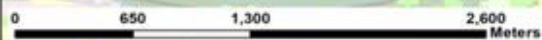
ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
358	18.358349	80.619056	15.67	I
359	18.375750	80.633019	6.53	I
360	18.364207	80.629175	15.54	I
361	18.375120	80.646443	13.63	I
362	18.372757	80.654046	20.25	II
363	18.367215	80.637953	74.38	III
364	18.364722	80.633926	56.51	III
365	18.398789	80.628581	89.25	III
366	18.381284	80.621861	91.44	III

LEGEND

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

Suitability Index

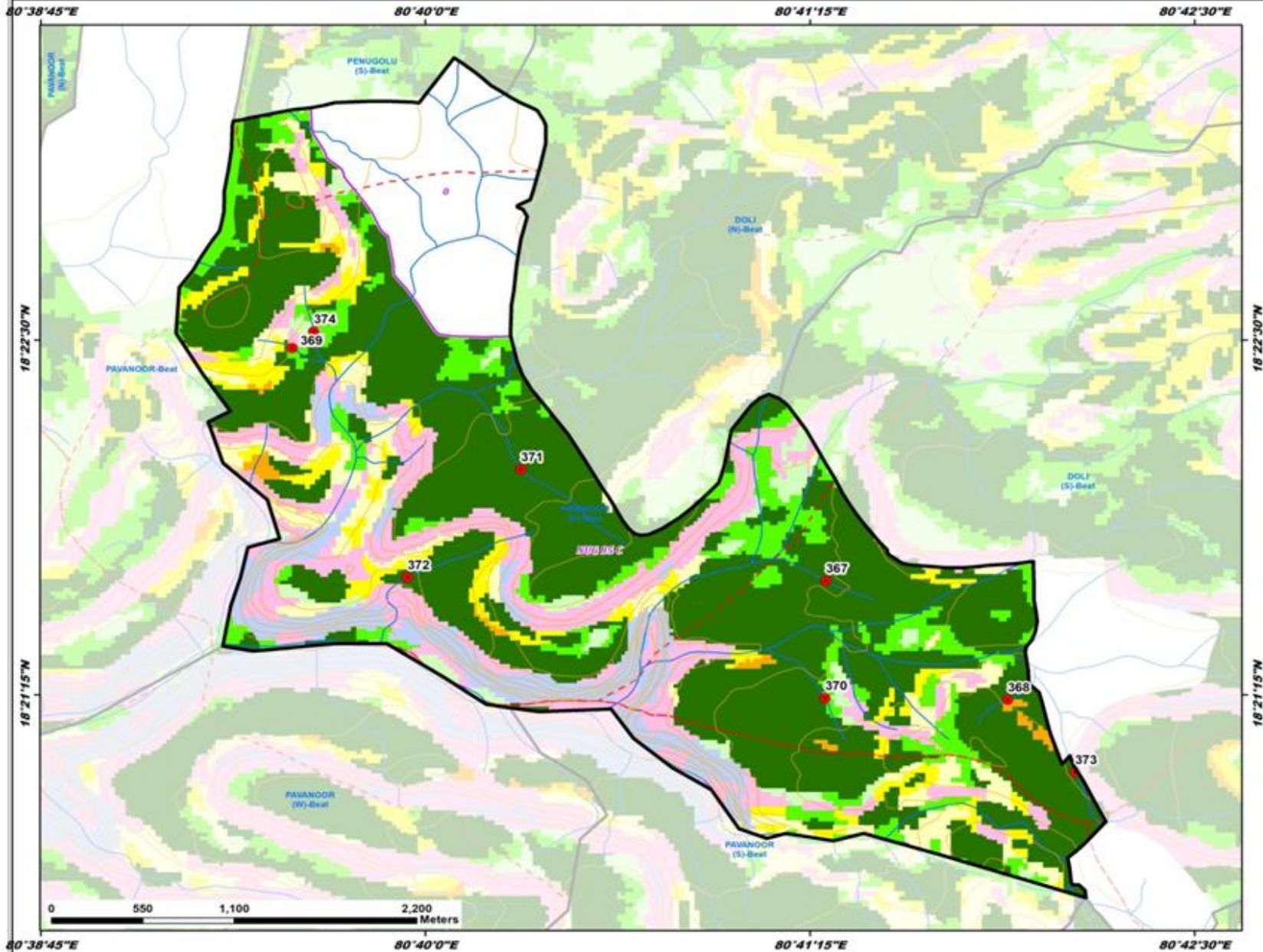
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGP's - Suitable
- Not Suitable
- Water Body



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



Division : Venkatapur
Range : Venkatapuram



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
367	18.360961	80.688366	16.37	I
368	18.353878	80.698225	7.91	I
369	18.374542	80.659462	9.13	II
370	18.353971	80.688325	16.62	II
371	18.367403	80.671847	37.24	II
372	18.361063	80.665700	56.44	III
373	18.349621	80.701867	50.81	III
374	18.375505	80.660622	21.19	IV

LEGEND

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

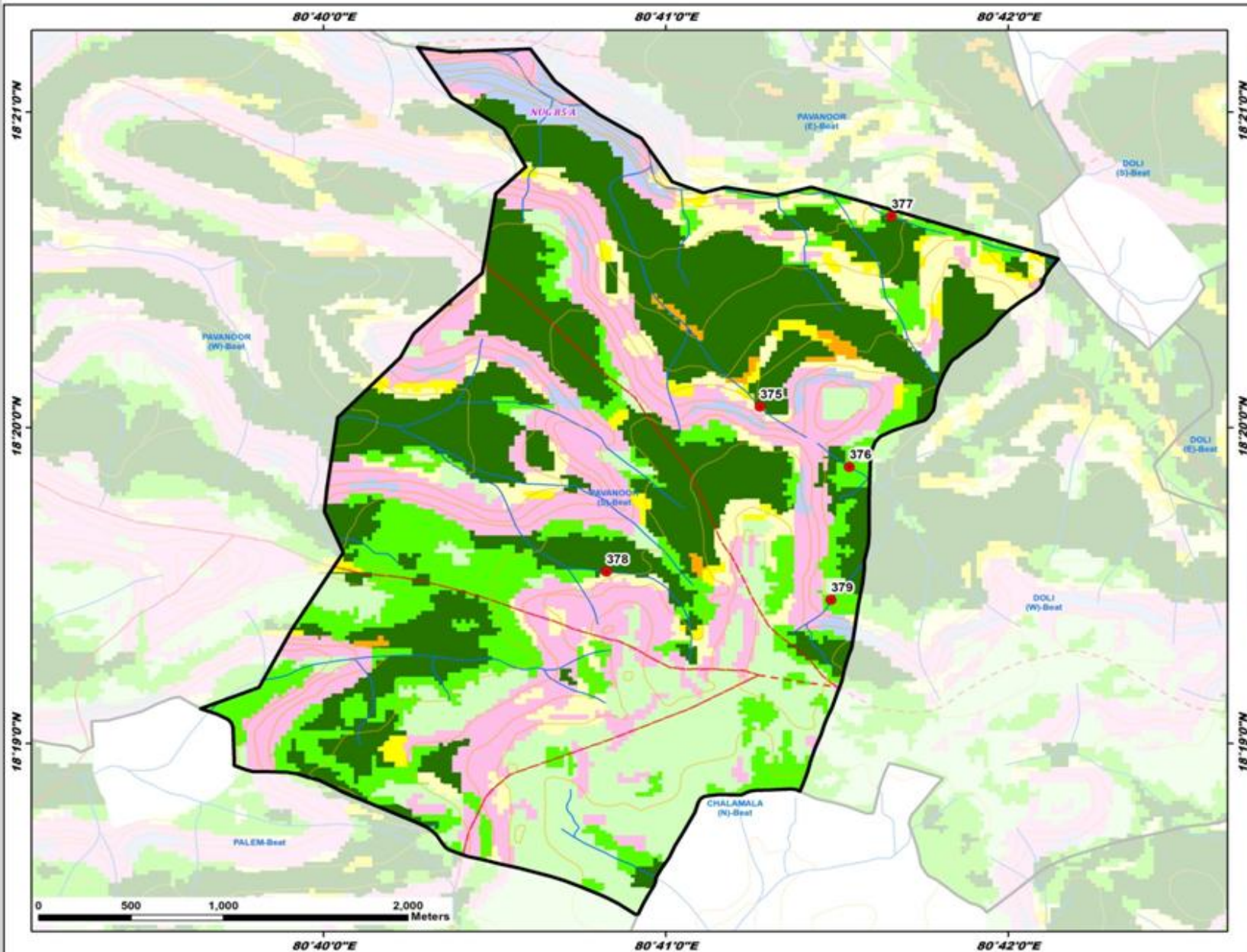
Suitability Index

- 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 Pavanoor South Beat



Division : Venkatapur
Range : Venkatapuram



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
375	18.334450	80.687933	15.76	I
376	18.331266	80.692277	7.87	II
377	18.344494	80.694323	7.74	II
378	18.325738	80.680446	46.37	II
379	18.324250	80.691387	58.08	IV

LEGEND

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

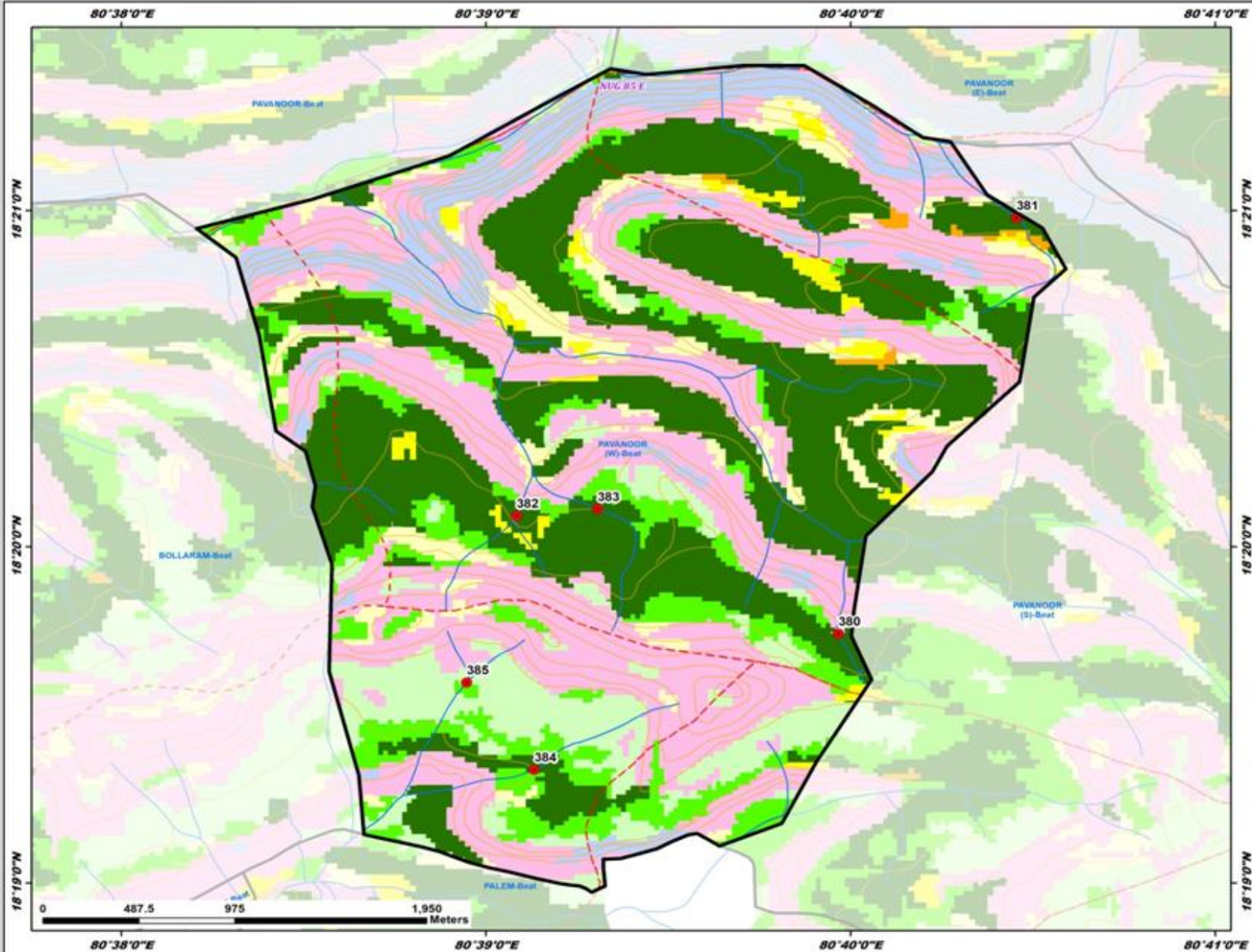
Suitability Index

- 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 Pavanoor West Beat



Division : Venkatapur
Range : Venkatapuram



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
380	18.329021	80.666111	33.46	II
381	18.349624	80.674253	26.33	II
382	18.334861	80.651401	33.12	II
383	18.335191	80.655105	70.34	III
384	18.322283	80.652217	59.82	III
385	18.326603	80.649117	15.73	IV

LEGEND

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

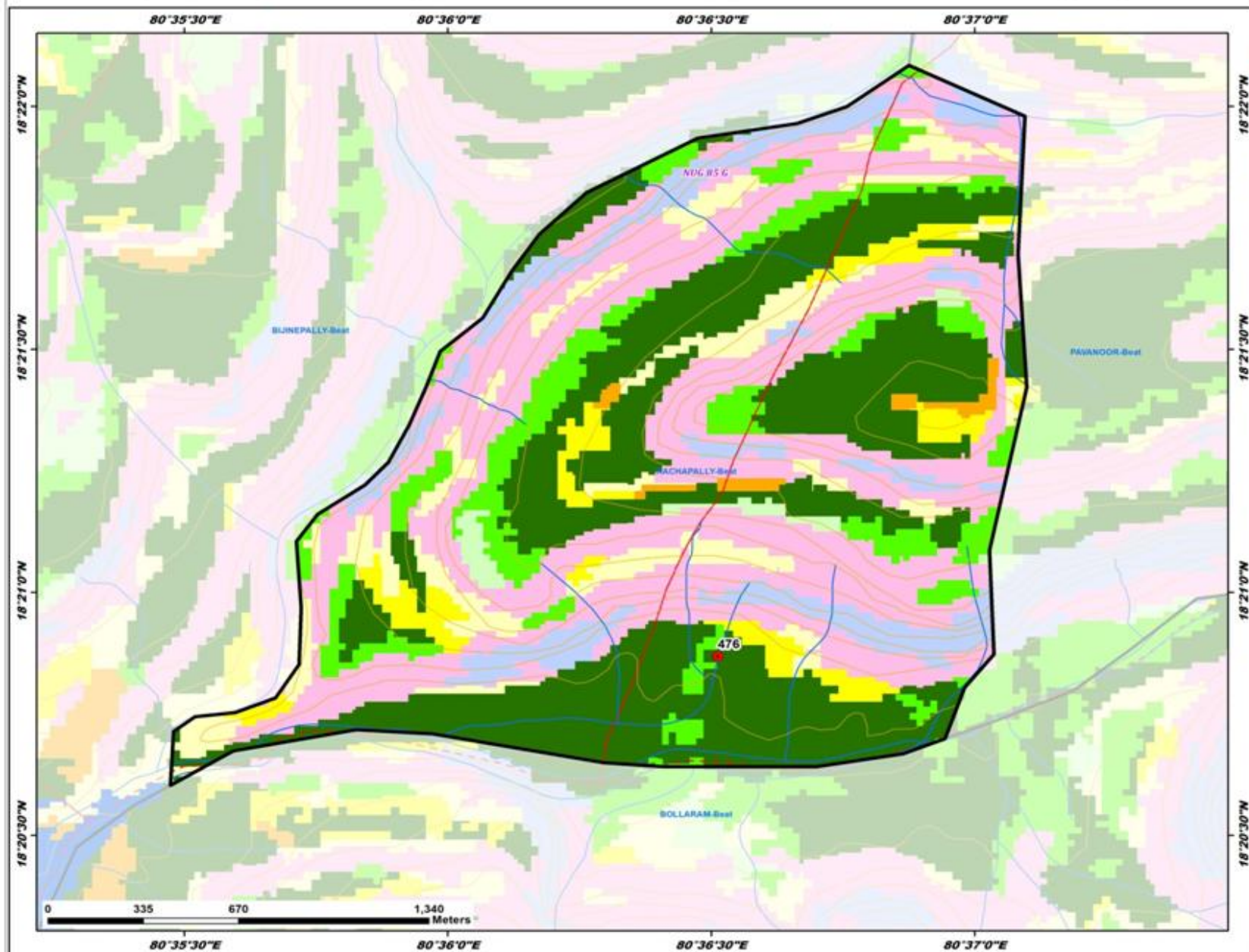
Suitability Index

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

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



Division : Venkatapur
Range : Venkatapuram



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
476	18.347803	80.608544	18.98	I

LEGEND

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

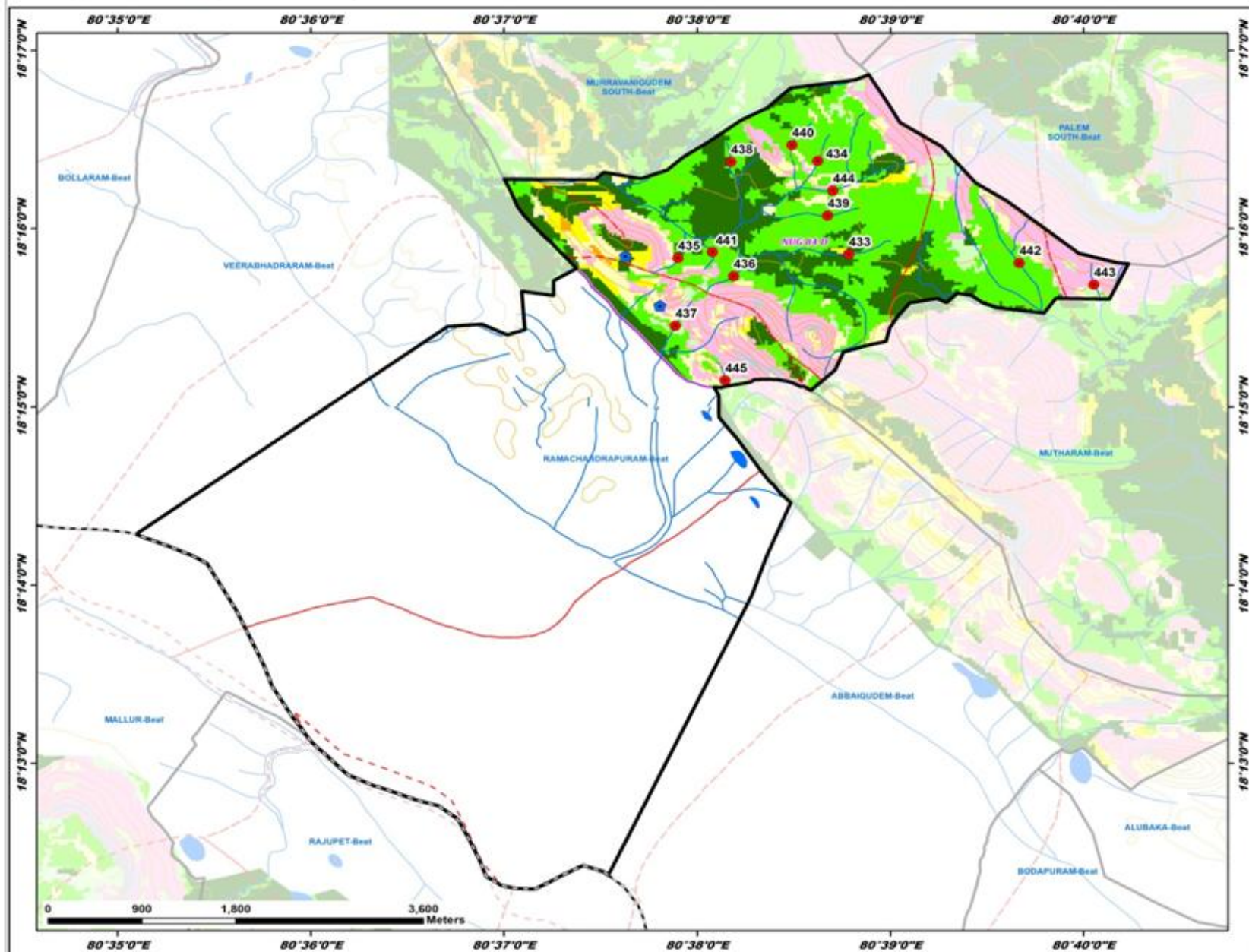
Suitability Index

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

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



Division : Venkatapur
Range : Venkatapuram



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
433	18.264298	80.646431	22.49	I
434	18.273008	80.643742	20.05	II
435	18.263917	80.631691	11.13	III
436	18.262228	80.636475	11.93	III
437	18.257601	80.631464	12.25	III
438	18.272933	80.636263	8.74	III
439	18.267892	80.644592	12.05	III
440	18.274501	80.641540	16.88	III
441	18.264495	80.634645	7.37	III
442	18.263461	80.661122	95.24	IV
443	18.261431	80.667580	11.43	IV
444	18.270233	80.645042	94.67	IV
445	18.252471	80.635742	15.76	IV

LEGEND

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

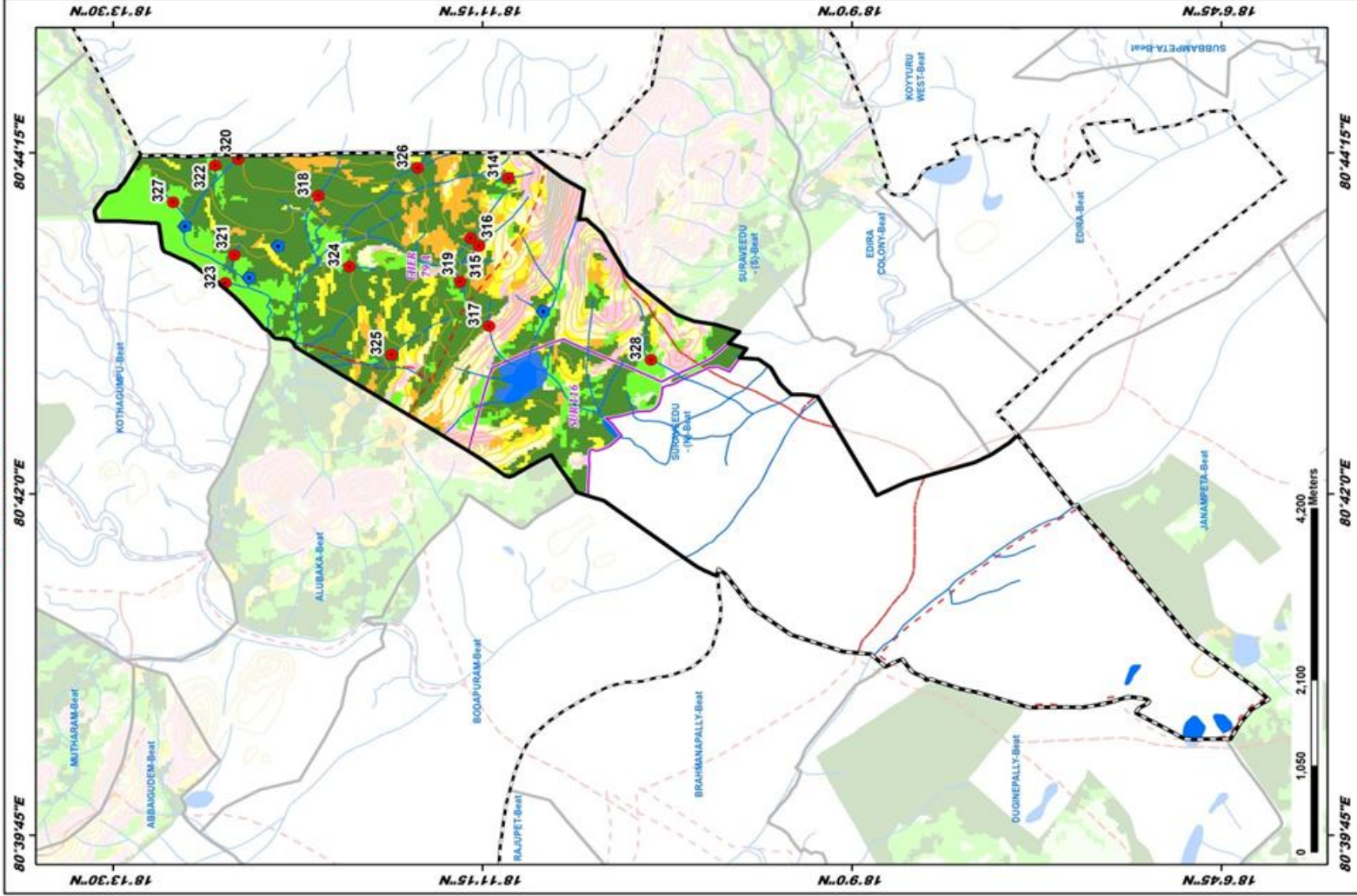
Suitability Index

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

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



Division : Venkatapur
Range : Venkatapuram



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
314	18.184870	80.734766	12.17	I
315	18.187833	80.727287	21.41	I
316	18.188701	80.728166	20.53	I
317	18.186849	80.716492	11.64	I
318	18.204153	80.732817	14.07	I
319	18.189766	80.723358	8.42	I
320	18.212300	80.736866	7.56	I
321	18.216596	80.726276	26.31	II
322	18.214659	80.736165	11.24	II
323	18.213618	80.732429	16.19	II
324	18.203034	80.725014	29.68	II
325	18.196732	80.715329	34.00	II
326	18.194079	80.735882	35.48	II
327	18.218917	80.732120	32.18	III
328	18.170991	80.745779	47.58	III

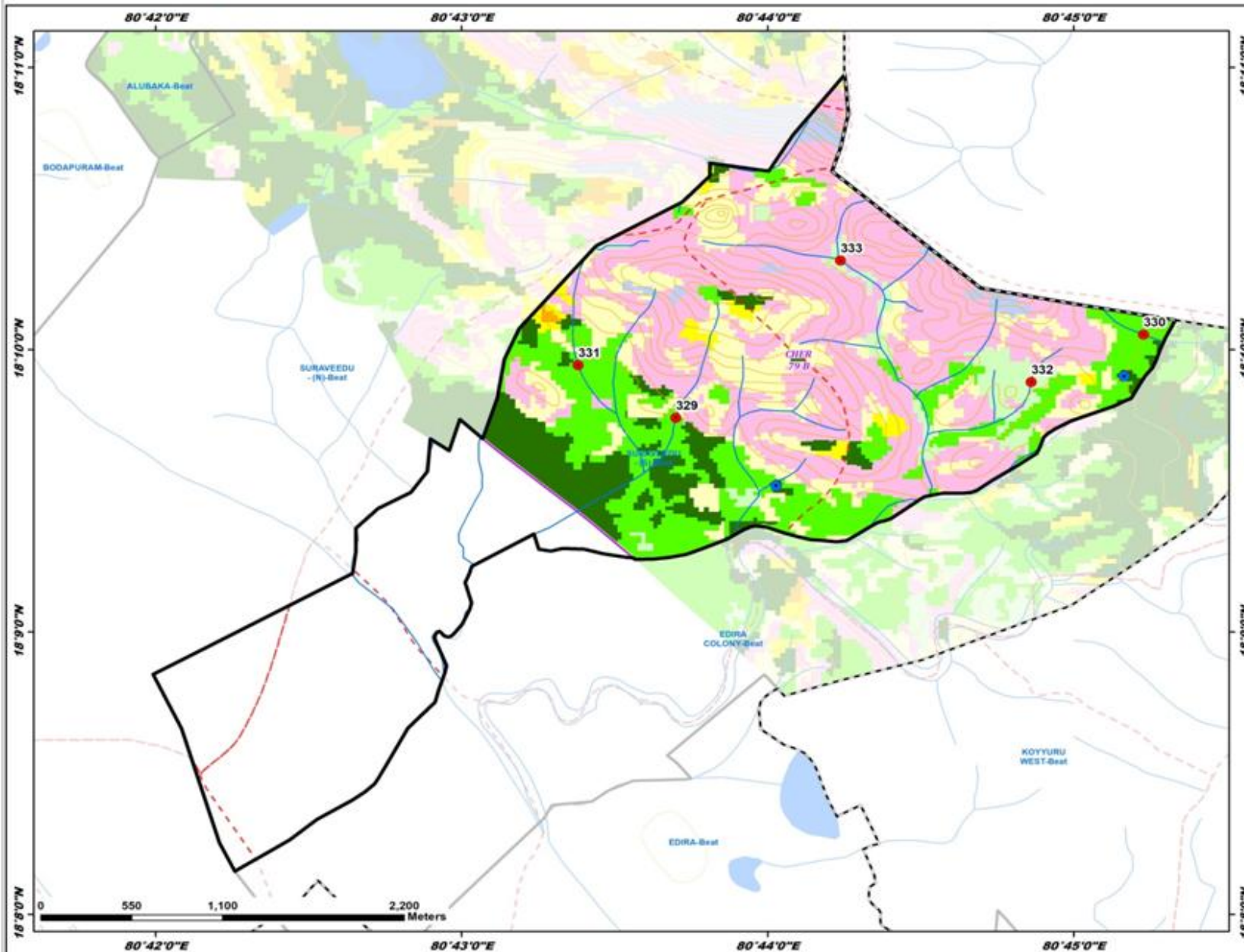
LEGEND

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

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



Division : Venkatapur
Range : Venkatapuram



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
329	18.162647	80.728339	21.02	II
330	18.167555	80.753817	23.52	III
331	18.165758	80.723015	43.14	III
332	18.164756	80.747698	8.09	IV
333	18.171925	80.737912	65.50	V

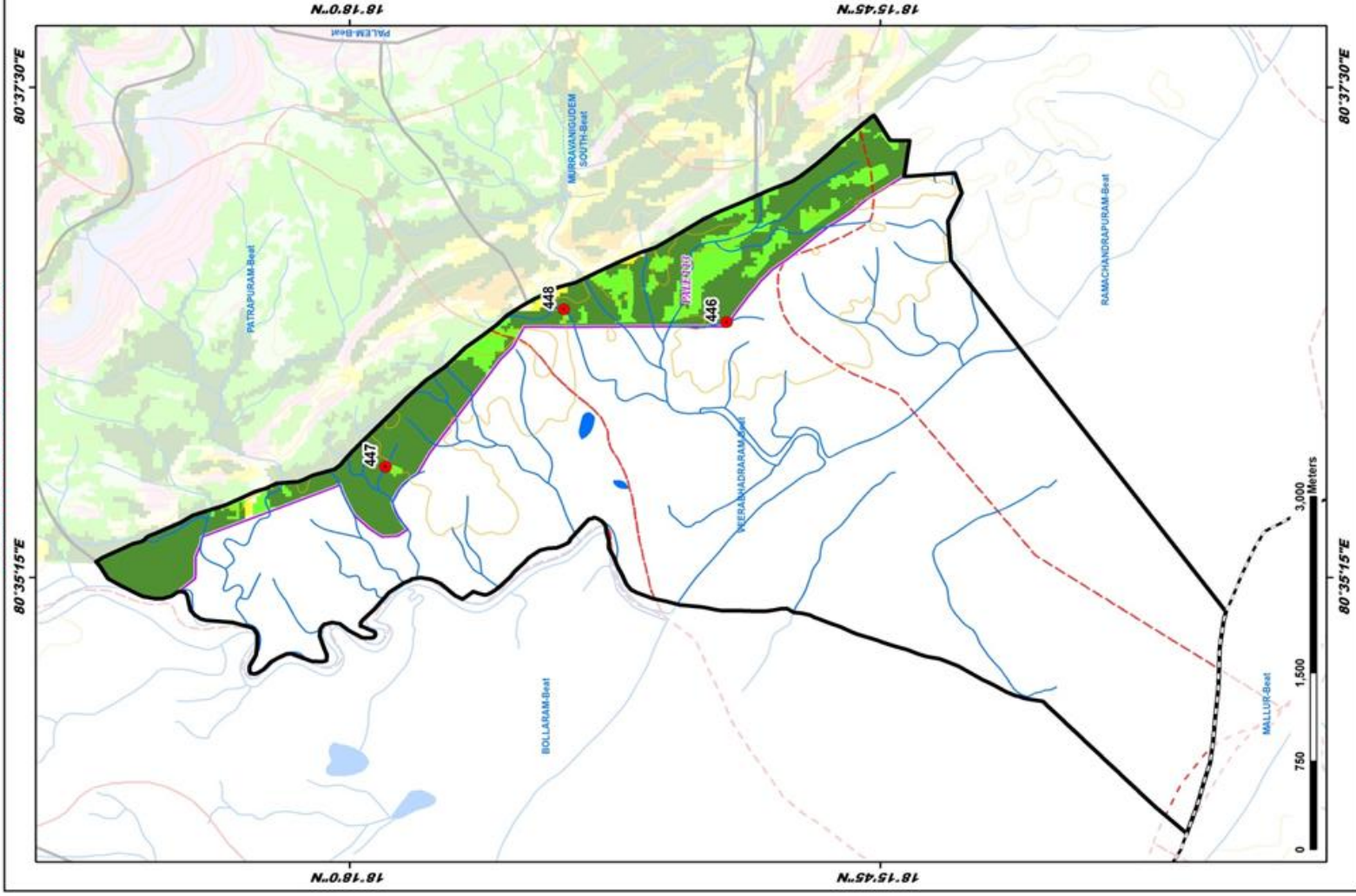
LEGEND

- 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 Veerabhadram Beat



Division : Venkatapur
Range : Venkatapuram

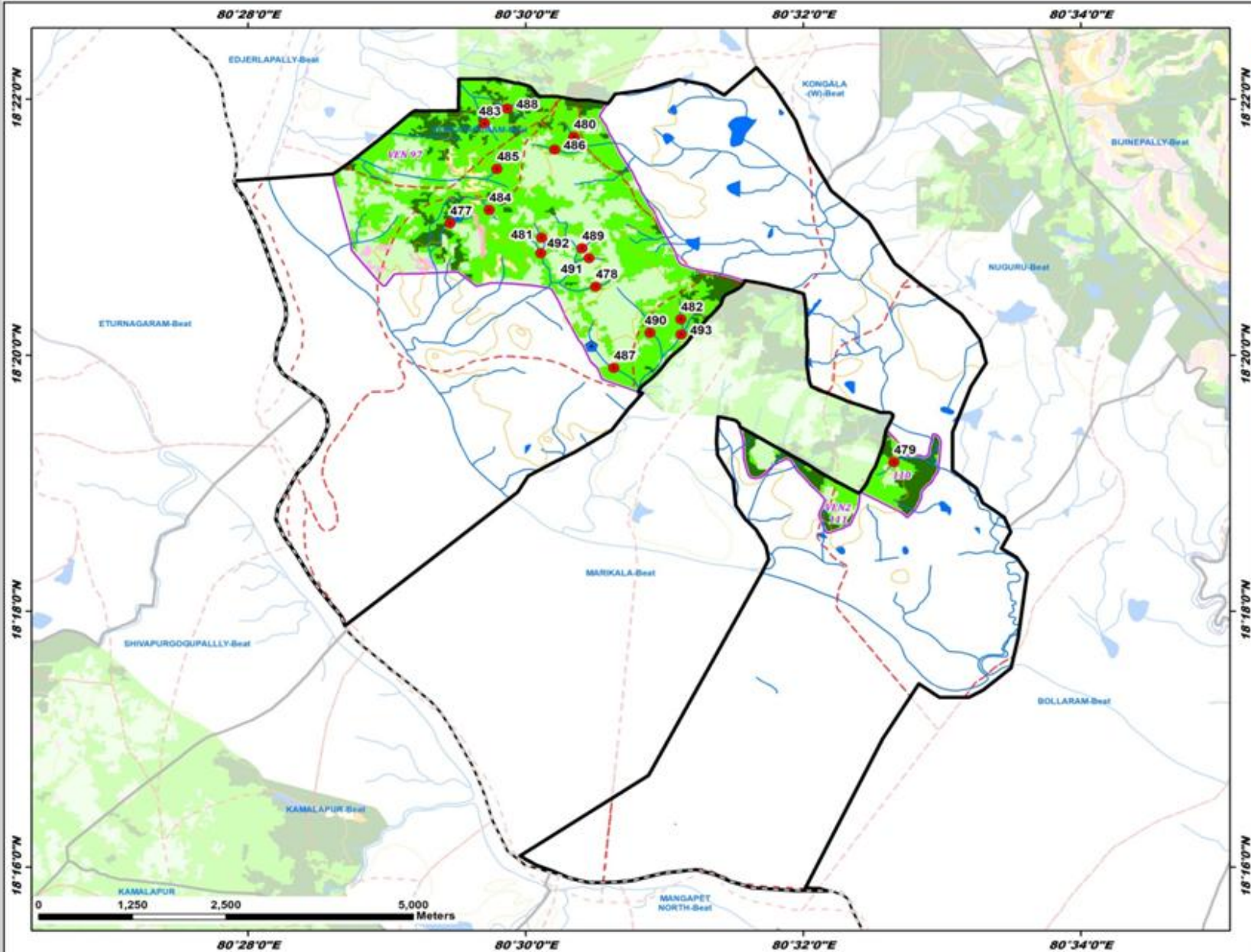


ID	Latitude	Longitude	Catchment		PRIORITY
			Area Ha.		
446	18.273361	80.607075	9.71		I
447	18.257456	80.596007	6.43		I
448	18.264850	80.606052	50.12		III

LEGEND

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

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



Division : Venkatapur
Range : Venkatapuram

ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
477	18.350527	80.490913	9.72	II
478	18.542275	80.508419	13.78	II
479	18.319427	80.544247	18.94	II
480	18.361785	80.505787	11.60	II
481	18.348639	80.501913	24.14	II
482	18.338015	80.518654	12.99	II
483	18.363518	80.495091	7.83	II
484	18.352257	80.495627	6.45	II
485	18.357598	80.496566	14.73	II
486	18.360133	80.503505	18.37	II
487	18.331701	80.510600	38.98	III
488	18.365466	80.497807	25.90	III
489	18.347281	80.506799	23.18	IV
490	18.336265	80.514953	50.64	IV
491	18.340983	80.507610	7.98	IV
492	18.346633	80.501827	54.46	V
493	18.336042	80.518694	41.11	V

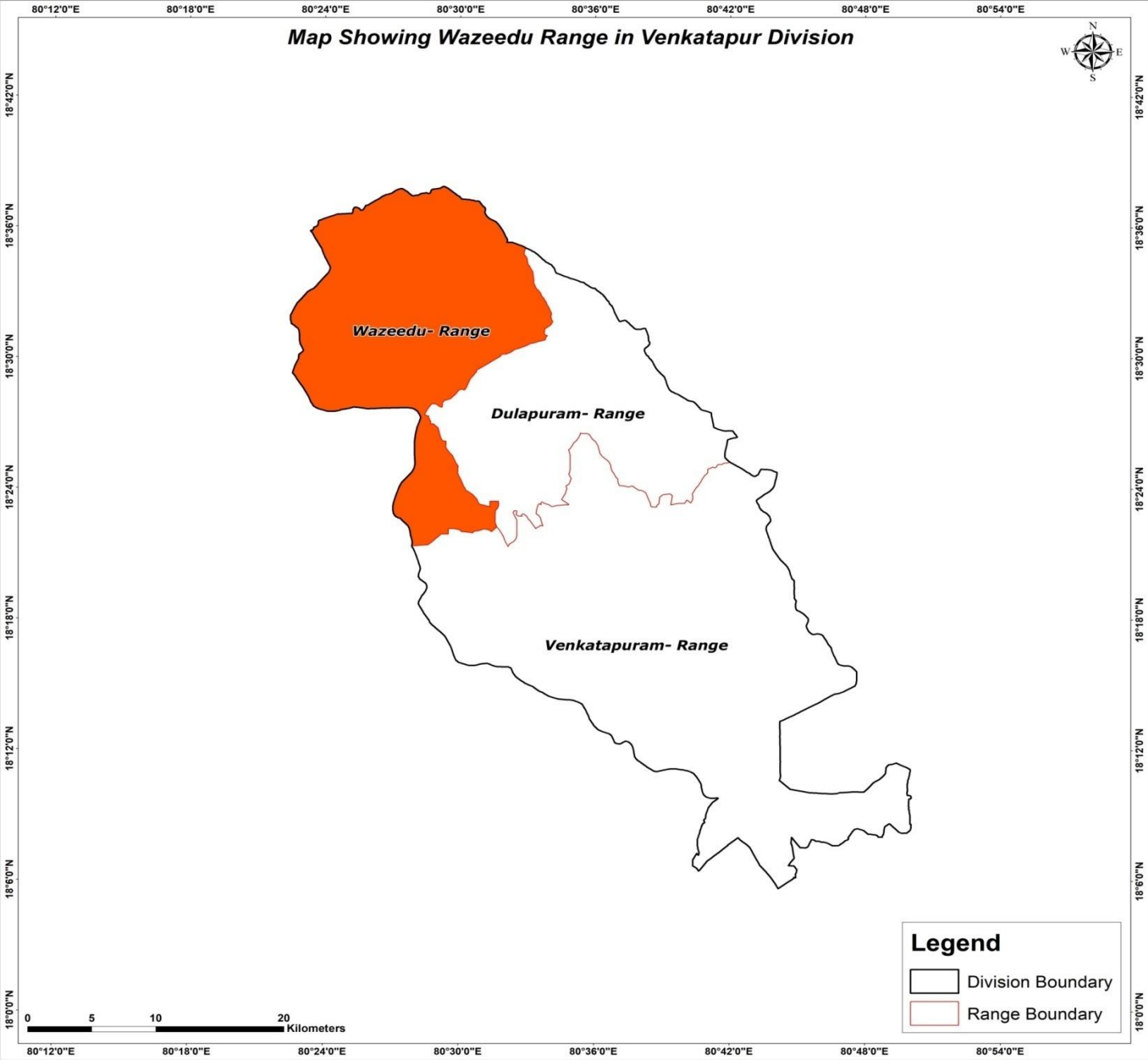
LEGEND

- 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 Wazeedu Range in Venkatapur Division



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

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

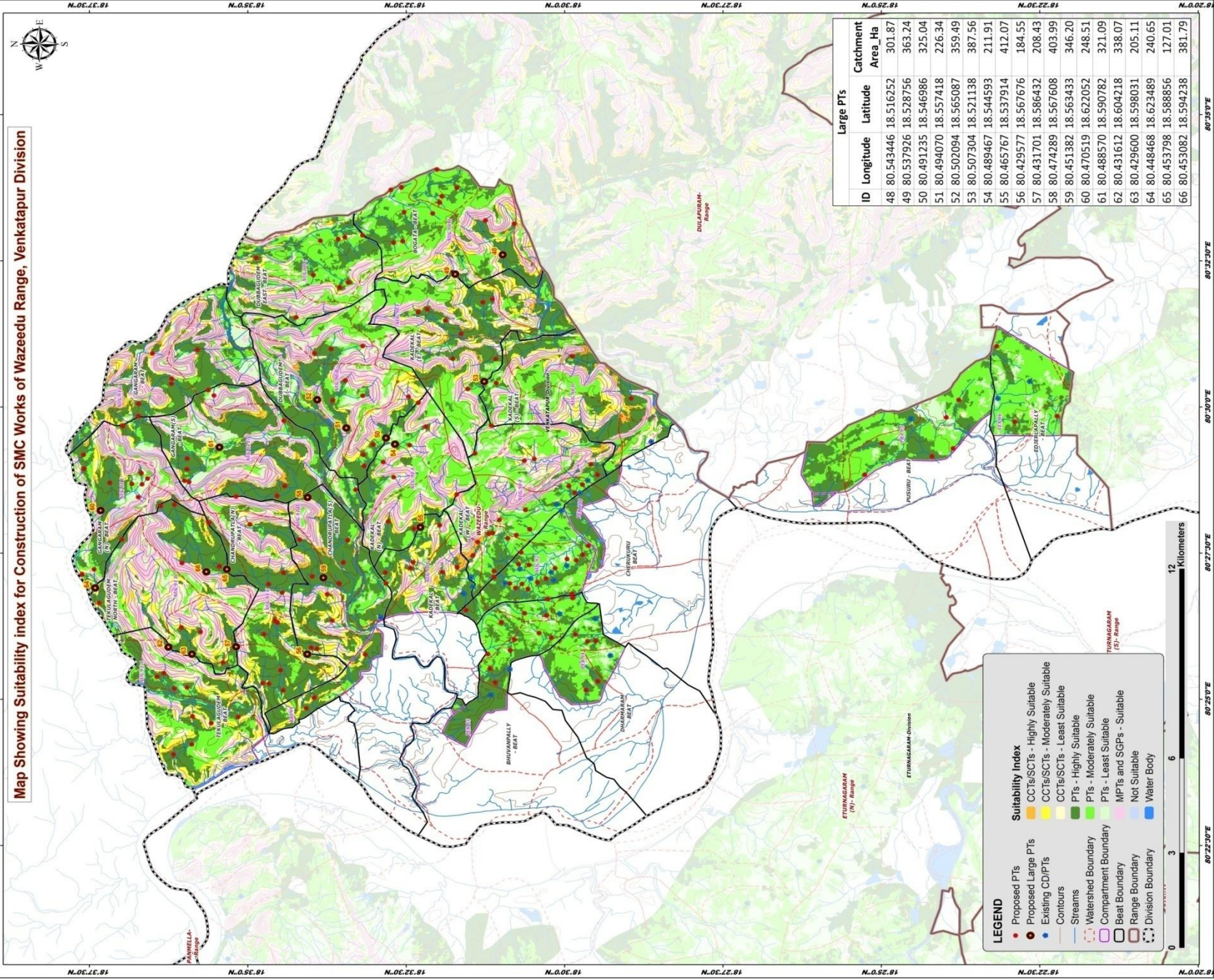
80°12'0"E 80°18'0"E 80°24'0"E 80°30'0"E 80°36'0"E 80°42'0"E 80°48'0"E 80°54'0"E

80°12'0"E 80°18'0"E 80°24'0"E 80°30'0"E 80°36'0"E 80°42'0"E 80°48'0"E 80°54'0"E

Legend

- Division Boundary
- Range Boundary

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



ID	Longitude	Latitude	Catchment Area_Ha
48	80.543446	18.516252	301.87
49	80.537926	18.528756	363.24
50	80.491235	18.546986	325.04
51	80.494070	18.557418	226.34
52	80.502094	18.565087	359.49
53	80.507304	18.521138	387.56
54	80.489467	18.544593	211.91
55	80.465767	18.537914	412.07
56	80.429577	18.567676	184.55
57	80.431701	18.586432	208.43
58	80.474289	18.567608	403.99
59	80.451382	18.563433	346.20
60	80.470519	18.622052	248.51
61	80.488570	18.590782	321.09
62	80.431612	18.604218	338.07
63	80.429600	18.598031	205.11
64	80.448468	18.623489	240.65
65	80.453798	18.588856	127.01
66	80.453082	18.594238	381.79

LEGEND

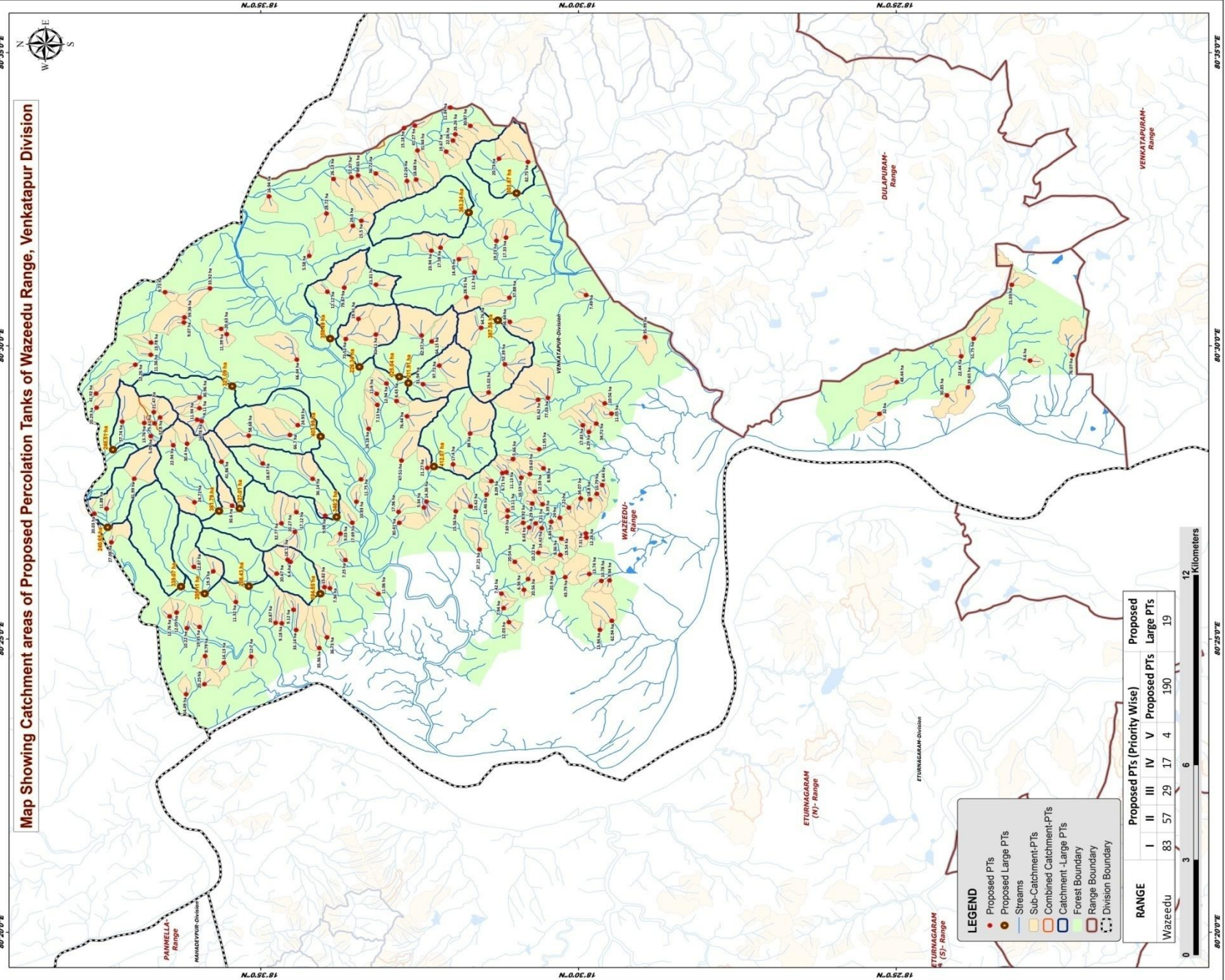
- Proposed PTs
- Proposed Large PTs
- Existing CD/PTs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat Boundary
- Range Boundary
- Division Boundary

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 Wazeedu Range, Venkatapur 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)				
	I	II	III	IV	V
Wazeedu	83	57	29	17	4
				190	19



Beat wise Abstract of Proposed PT's – Wazeedu Range

S. No.	Beat	Proposed PT's
1	BHUVANPALLY	11
2	BOGATA	12
3	CHANDRUPATLA(N)	12
4	CHANDRUPATLA(S)	13
5	CHERUKURU	17
6	DHARMARAM	5
7	DUBBAGUDEM	10
8	DUBBAGUDEM EAST	9
9	EDJERLAPALLY	3
10	GANGARAM	6
11	GANGARAM (N)	11
12	GANGARAM(S)	11
13	KADEKAL	6
14	KADEKAL (E)	9
15	KADEKAL (N)	7
16	KADEKAL (S)	4
17	KADEKAL (W)	20
18	PUSURU	6
19	TEKULAGUDEM	9
20	TEKULAGUDEM NORTH	9
	Total	190

List of Proposed PTs – Wazeedu Range

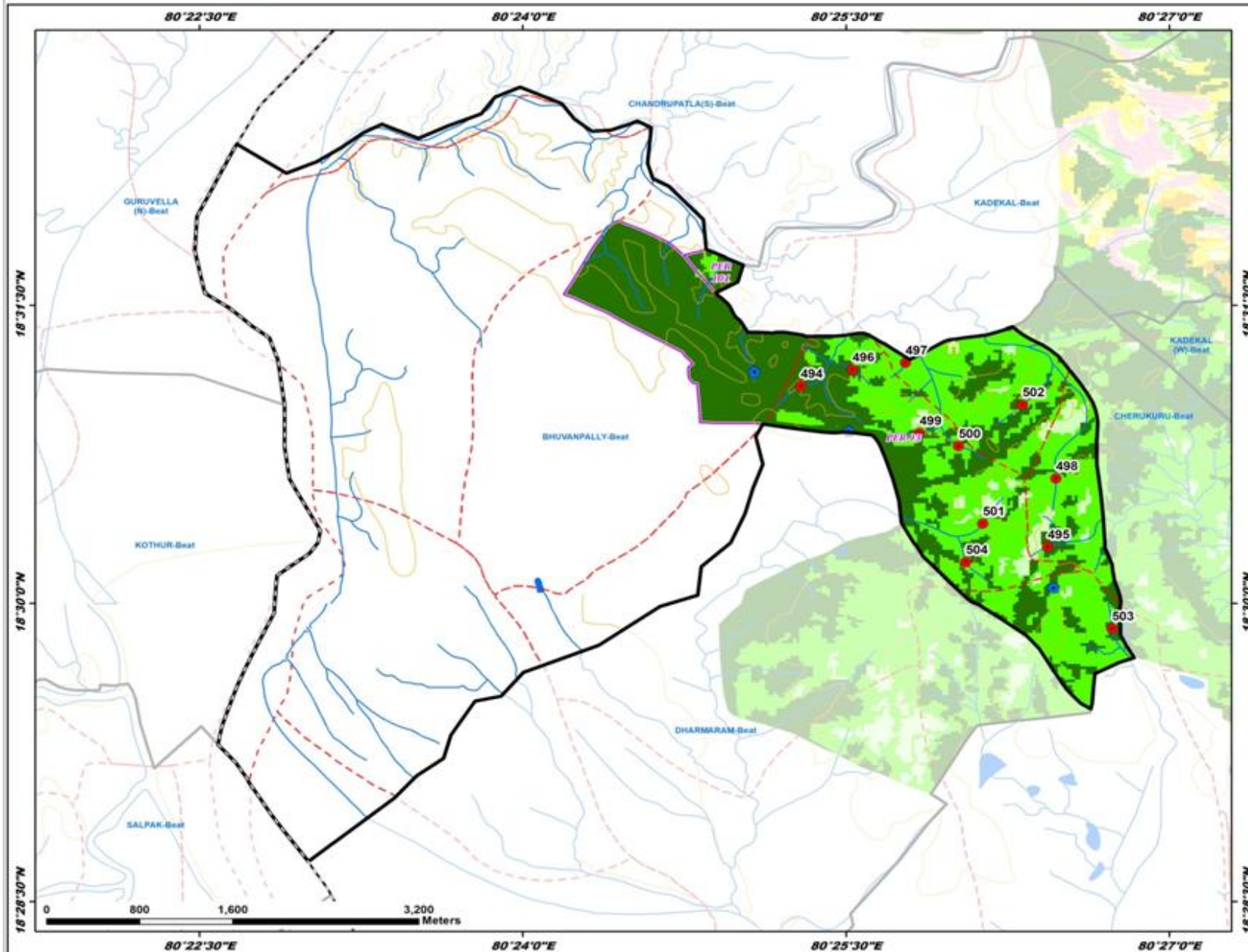
ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat	ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat	ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat
494	18.518232	80.421517	12.03	I	BHUVANPALLY	534	18.544967	80.546895	12.26	II	BOGATA	574	18.546395	80.467460	47.51	II	KADEKAL (N)
495	18.504744	80.440617	8.36	I	BHUVANPALLY	535	18.532283	80.560167	26.26	III	BOGATA	575	18.536474	80.494444	97.72	III	KADEKAL (N)
496	18.519602	80.425491	7.94	I	BHUVANPALLY	536	18.542894	80.562657	41.27	III	BOGATA	576	18.540762	80.489165	31.94	III	KADEKAL (N)
497	18.520184	80.429617	7.42	II	BHUVANPALLY	537	18.542221	80.555599	31.44	III	BOGATA	577	18.547706	80.484372	8.43	IV	KADEKAL (N)
498	18.510491	80.441240	10.22	II	BHUVANPALLY	538	18.513239	80.552313	82.75	III	BOGATA	578	18.538467	80.501288	64.15	IV	KADEKAL (N)
499	18.514285	80.430690	6.36	II	BHUVANPALLY	539	18.550360	80.489339	12.94	I	DUBBAGUDEM	579	18.544959	80.480042	76.44	V	KADEKAL (N)
500	18.513189	80.433729	20.56	II	BHUVANPALLY	540	18.557685	80.507692	19.91	I	DUBBAGUDEM	580	18.497971	80.514464	7.49	I	KADEKAL (S)
501	18.506699	80.435596	20.90	II	BHUVANPALLY	541	18.565819	80.515395	12.12	I	DUBBAGUDEM	581	18.482496	80.502491	35.99	II	KADEKAL (S)
502	18.516665	80.438660	20.54	II	BHUVANPALLY	542	18.552731	80.483260	7.13	I	DUBBAGUDEM	582	18.519291	80.494775	52.39	IV	KADEKAL (S)
503	18.497892	80.445574	12.26	II	BHUVANPALLY	543	18.552924	80.486412	11.60	I	DUBBAGUDEM	583	18.517982	80.506882	56.44	V	KADEKAL (S)
504	18.503463	80.434283	43.79	III	BHUVANPALLY	544	18.553107	80.517425	21.31	II	DUBBAGUDEM	584	18.498841	80.477451	17.83	I	KADEKAL (W)
505	18.504879	80.451157	24.00	I	CHERUKURU	545	18.541115	80.503004	82.37	III	DUBBAGUDEM	585	18.518595	80.451512	7.69	I	KADEKAL (W)
506	18.504470	80.445253	19.54	I	CHERUKURU	546	18.561424	80.516614	79.87	III	DUBBAGUDEM	586	18.518558	80.453249	13.11	I	KADEKAL (W)
507	18.512101	80.455230	8.29	I	CHERUKURU	547	18.561000	80.501976	72.52	III	DUBBAGUDEM	587	18.491328	80.480747	11.05	I	KADEKAL (W)
508	18.509391	80.455023	6.39	I	CHERUKURU	548	18.553113	80.503254	81.11	IV	DUBBAGUDEM	588	18.493085	80.483699	10.56	I	KADEKAL (W)
509	18.498040	80.446722	7.31	I	CHERUKURU	549	18.581150	80.542542	16.94	I	DUBBAGUDEM EAST	589	18.497260	80.475591	6.29	I	KADEKAL (W)
510	18.507141	80.450066	6.84	I	CHERUKURU	550	18.556923	80.535578	15.50	I	DUBBAGUDEM EAST	590	18.522838	80.461581	8.09	I	KADEKAL (W)
511	18.511200	80.449580	5.21	II	CHERUKURU	551	18.559149	80.534194	24.30	I	DUBBAGUDEM EAST	591	18.519929	80.463872	6.71	I	KADEKAL (W)
512	18.512911	80.448432	8.43	II	CHERUKURU	552	18.570608	80.525607	5.58	II	DUBBAGUDEM EAST	592	18.524071	80.457768	11.46	I	KADEKAL (W)
513	18.496950	80.456344	18.80	II	CHERUKURU	553	18.564242	80.547478	26.13	III	DUBBAGUDEM EAST	593	18.518889	80.464115	11.13	II	KADEKAL (W)
514	18.495187	80.457983	10.79	II	CHERUKURU	554	18.557802	80.548474	49.65	III	DUBBAGUDEM EAST	594	18.512724	80.463570	19.63	II	KADEKAL (W)
515	18.502510	80.454073	7.21	II	CHERUKURU	555	18.553143	80.549030	36.72	III	DUBBAGUDEM EAST	595	18.517147	80.467876	5.66	II	KADEKAL (W)
516	18.509622	80.448192	14.42	II	CHERUKURU	556	18.566076	80.537668	28.72	III	DUBBAGUDEM EAST	596	18.510280	80.470675	11.95	II	KADEKAL (W)
517	18.514455	80.449729	8.92	II	CHERUKURU	557	18.559543	80.547934	57.07	IV	DUBBAGUDEM EAST	597	18.514958	80.462621	10.53	II	KADEKAL (W)
518	18.493747	80.460474	8.44	II	CHERUKURU	558	18.539865	80.455762	14.36	I	KADEKAL	598	18.509159	80.465230	8.98	II	KADEKAL (W)
519	18.511444	80.458613	12.59	II	CHERUKURU	559	18.547158	80.452843	17.96	I	KADEKAL	599	18.495296	80.477935	34.71	III	KADEKAL (W)
520	18.525929	80.442151	37.21	II	CHERUKURU	560	18.540514	80.454121	5.34	I	KADEKAL	600	18.528377	80.475126	88.00	III	KADEKAL (W)
521	18.499367	80.456715	34.07	III	CHERUKURU	561	18.528287	80.454398	23.62	I	KADEKAL	601	18.523543	80.486809	15.02	IV	KADEKAL (W)
522	18.491818	80.433379	9.94	I	DHARMARAM	562	18.532868	80.466354	17.40	I	KADEKAL	602	18.507982	80.485235	77.03	IV	KADEKAL (W)
523	18.497159	80.435199	13.74	I	DHARMARAM	563	18.532138	80.453004	15.56	II	KADEKAL	603	18.510560	80.484739	81.62	IV	KADEKAL (W)
524	18.494354	80.419326	13.94	I	DHARMARAM	564	18.527216	80.520962	11.20	I	KADEKAL (E)	604	18.577798	80.421162	9.18	I	CHANDRUPATLA(N)
525	18.493945	80.433228	10.78	II	DHARMARAM	565	18.536162	80.527954	17.58	I	KADEKAL (E)	605	18.582774	80.466587	18.67	I	CHANDRUPATLA(N)
526	18.491253	80.421864	62.94	III	DHARMARAM	566	18.531354	80.524674	14.45	I	KADEKAL (E)	606	18.573945	80.452765	17.12	I	CHANDRUPATLA(N)
527	18.545721	80.561951	15.18	I	BOGATA	567	18.518998	80.530799	17.33	I	KADEKAL (E)	607	18.579117	80.435281	20.67	I	CHANDRUPATLA(N)
528	18.532903	80.558403	22.06	I	BOGATA	568	18.521480	80.529923	19.23	I	KADEKAL (E)	608	18.574712	80.425019	9.12	I	CHANDRUPATLA(N)
529	18.520821	80.553233	20.73	I	BOGATA	569	18.538545	80.527101	23.94	II	KADEKAL (E)	609	18.576267	80.439236	18.12	I	CHANDRUPATLA(N)
530	18.533574	80.567778	11.34	II	BOGATA	570	18.518100	80.513734	37.88	II	KADEKAL (E)	610	18.575519	80.438633	6.40	I	CHANDRUPATLA(N)
531	18.542566	80.547313	18.68	II	BOGATA	571	18.529378	80.513842	28.91	III	KADEKAL (E)	611	18.577868	80.449567	32.77	II	CHANDRUPATLA(N)
532	18.528340	80.562579	30.87	II	BOGATA	572	18.525485	80.505179	64.76	IV	KADEKAL (E)	612	18.574050	80.419276	33.14	II	CHANDRUPATLA(N)
533	18.534685	80.555257	19.67	II	BOGATA	573	18.539608	80.465362	21.27	I	KADEKAL (N)	613	18.593609	80.467085	41.86	II	CHANDRUPATLA(N)

List of Proposed PTs – Wazeedu Range

ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat
614	18.579425	80.421313	20.87	II	CHANDRUPATLA(N)
615	18.574343	80.447163	20.27	II	CHANDRUPATLA(N)
616	18.557017	80.462085	11.75	I	CHANDRUPATLA(S)
617	18.566616	80.431449	15.82	I	CHANDRUPATLA(S)
618	18.559300	80.449755	17.69	I	CHANDRUPATLA(S)
619	18.561128	80.439173	7.25	I	CHANDRUPATLA(S)
620	18.552441	80.429523	11.06	I	CHANDRUPATLA(S)
621	18.562436	80.446658	9.03	I	CHANDRUPATLA(S)
622	18.565157	80.431119	7.36	I	CHANDRUPATLA(S)
623	18.558212	80.455746	10.83	I	CHANDRUPATLA(S)
624	18.566389	80.451762	9.98	I	CHANDRUPATLA(S)
625	18.565918	80.417191	36.73	II	CHANDRUPATLA(S)
626	18.569679	80.462254	36.14	II	CHANDRUPATLA(S)
627	18.567951	80.414139	35.96	II	CHANDRUPATLA(S)
628	18.546976	80.449733	30.41	III	CHANDRUPATLA(S)
629	18.612142	80.497510	11.36	I	GANGARAM
630	18.608442	80.515317	9.73	I	GANGARAM
631	18.612070	80.500970	13.78	I	GANGARAM
632	18.603468	80.506709	9.07	I	GANGARAM
633	18.596628	80.516392	33.92	II	GANGARAM
634	18.603344	80.508150	59.36	III	GANGARAM
635	18.626364	80.482464	20.29	I	GANGARAM (N)
636	18.616208	80.494676	12.26	I	GANGARAM (N)
637	18.613843	80.478122	13.76	I	GANGARAM (N)
638	18.626931	80.452345	20.03	I	GANGARAM (N)
639	18.611346	80.481190	21.47	II	GANGARAM (N)
640	18.626519	80.486463	41.92	II	GANGARAM (N)
641	18.619640	80.478468	57.74	III	GANGARAM (N)
642	18.612158	80.474380	5.09	IV	GANGARAM (N)
643	18.623781	80.453759	11.88	IV	GANGARAM (N)
644	18.609721	80.479658	32.80	V	GANGARAM (N)
645	18.611144	80.478023	75.61	V	GANGARAM (N)
646	18.599381	80.482298	9.11	I	GANGARAM(S)
647	18.593718	80.504893	20.63	I	GANGARAM(S)
648	18.573604	80.477507	24.93	I	GANGARAM(S)
649	18.599309	80.485356	30.96	II	GANGARAM(S)
650	18.575654	80.474712	66.70	III	GANGARAM(S)
651	18.586424	80.474509	58.68	III	GANGARAM(S)
652	18.573866	80.496141	66.44	III	GANGARAM(S)
653	18.598795	80.478660	16.78	IV	GANGARAM(S)

ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat
654	18.600015	80.479064	11.94	IV	GANGARAM(S)
655	18.554999	80.476468	24.18	IV	GANGARAM(S)
656	18.592235	80.503356	11.39	IV	GANGARAM(S)
657	18.607188	80.423140	12.76	I	TEKULAGUDEM
658	18.597900	80.411858	8.79	I	TEKULAGUDEM
659	18.605390	80.424214	12.05	I	TEKULAGUDEM
660	18.602889	80.401008	14.49	I	TEKULAGUDEM
661	18.602676	80.419787	10.22	I	TEKULAGUDEM
662	18.599342	80.420131	19.35	I	TEKULAGUDEM
663	18.598090	80.403882	20.25	I	TEKULAGUDEM
664	18.592971	80.409915	14.13	II	TEKULAGUDEM
665	18.585824	80.411680	12.70	II	TEKULAGUDEM
666	18.589848	80.427231	11.32	I	TEKULAGUDEM (N)
667	18.606264	80.471795	22.94	I	TEKULAGUDEM (N)
668	18.600826	80.437211	12.87	I	TEKULAGUDEM (N)
669	18.600676	80.455574	24.71	I	TEKULAGUDEM (N)
670	18.602633	80.472232	30.40	II	TEKULAGUDEM (N)
671	18.595782	80.435931	19.30	II	TEKULAGUDEM (N)
672	18.590801	80.454615	30.60	II	TEKULAGUDEM (N)
673	18.622485	80.444197	27.08	II	TEKULAGUDEM (N)
674	18.616488	80.462285	81.99	III	TEKULAGUDEM (N)
675	18.381553	80.495845	9.60	I	EDJERLAPALLY
676	18.386333	80.517388	21.03	II	EDJERLAPALLY
677	18.370453	80.497444	76.07	IV	EDJERLAPALLY
678	18.403343	80.485962	30.85	II	PUSURU
679	18.399587	80.497087	22.44	II	PUSURU
680	18.421032	80.480719	32.00	III	PUSURU
681	18.416497	80.489741	48.44	III	PUSURU
682	18.397814	80.488243	39.65	III	PUSURU
683	18.396302	80.502088	51.75	IV	PUSURU

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



Division : Venkatapur
Range : Wazeedu

ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
494	18.518232	80.421517	12.03	I
495	18.504744	80.440617	8.36	I
496	18.519602	80.425491	7.94	I
497	18.520184	80.429617	7.42	II
498	18.510491	80.441240	10.22	II
499	18.514285	80.430690	6.36	II
500	18.513189	80.433729	20.56	II
501	18.506699	80.435596	20.90	II
502	18.516665	80.438660	20.54	II
503	18.497892	80.445574	12.26	II
504	18.503463	80.434283	43.79	III

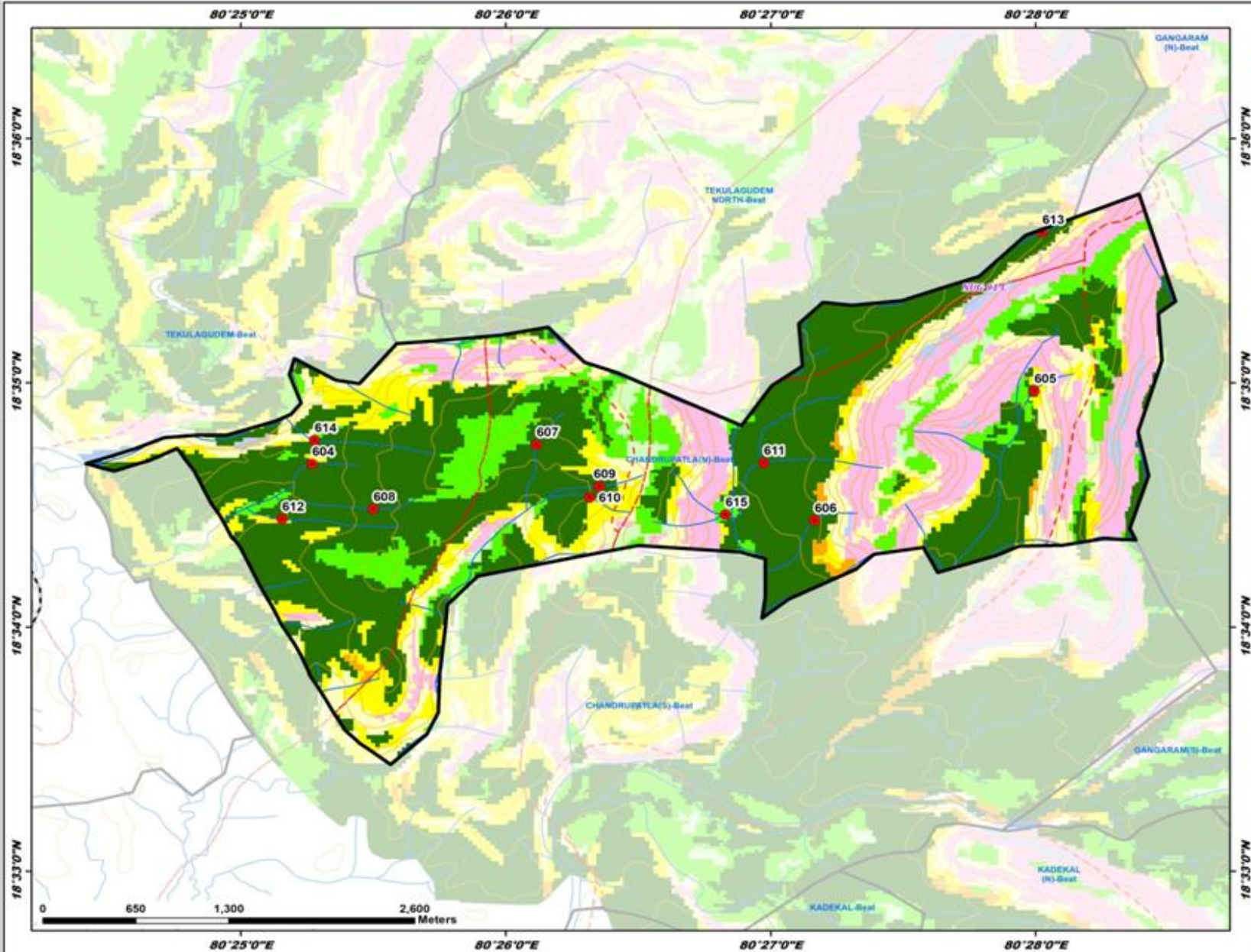
LEGEND

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

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



Division : Venkatapur
Range : Wazeedu



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
604	18.57798	80.421162	9.18	I
605	18.582774	80.466587	18.67	I
606	18.579945	80.452765	17.12	I
607	18.579117	80.435281	20.67	I
608	18.574712	80.429019	9.12	I
609	18.576267	80.439236	18.12	I
610	18.575519	80.438633	6.40	I
611	18.577868	80.449567	32.77	II
612	18.574050	80.419276	31.14	II
613	18.580609	80.467085	41.86	II
614	18.579425	80.421313	20.87	II
615	18.574343	80.447163	20.27	II

LEGEND

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

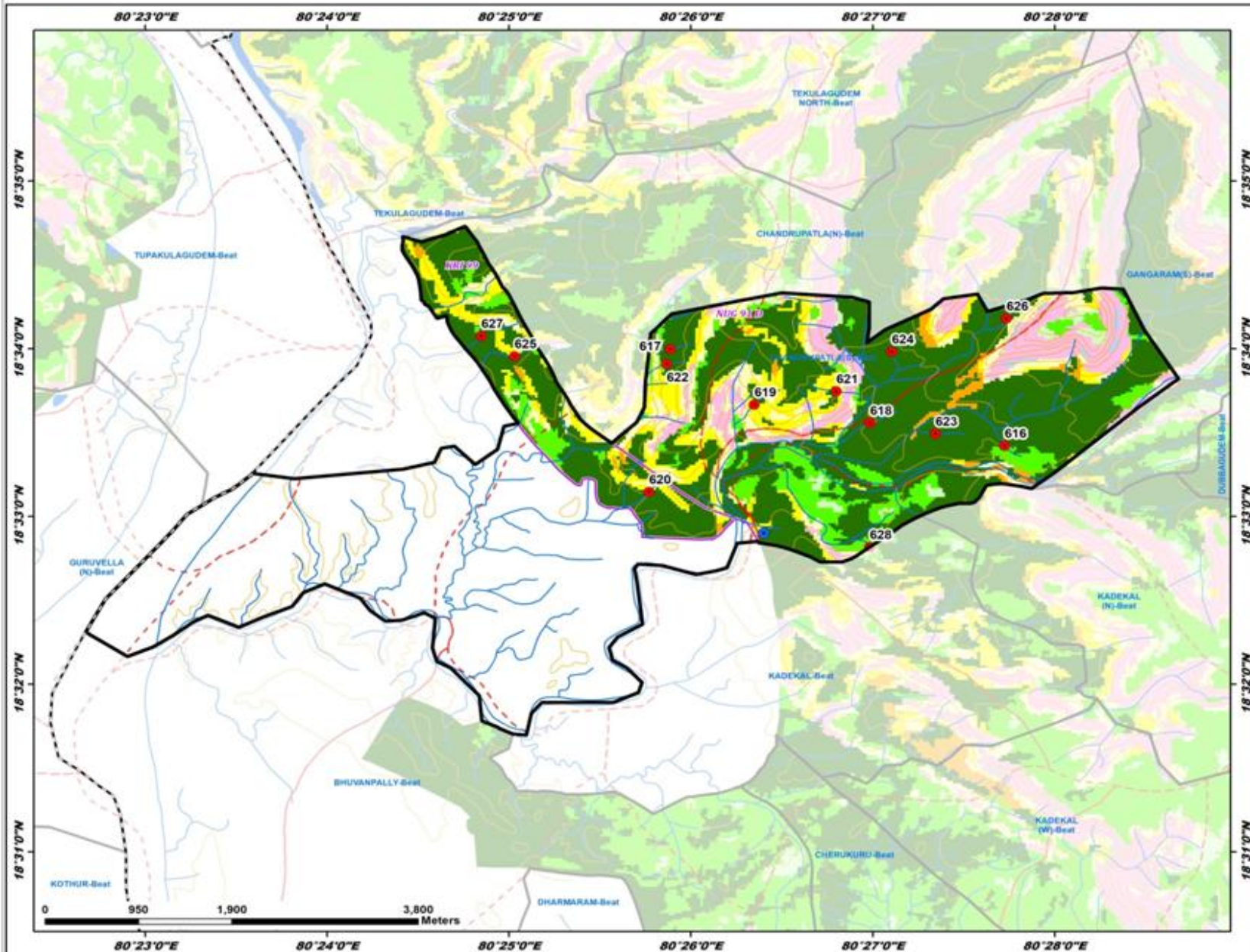
Suitability Index

- 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 Chandrupatla South Beat



Division : Venkatapur
Range : Wazeedu



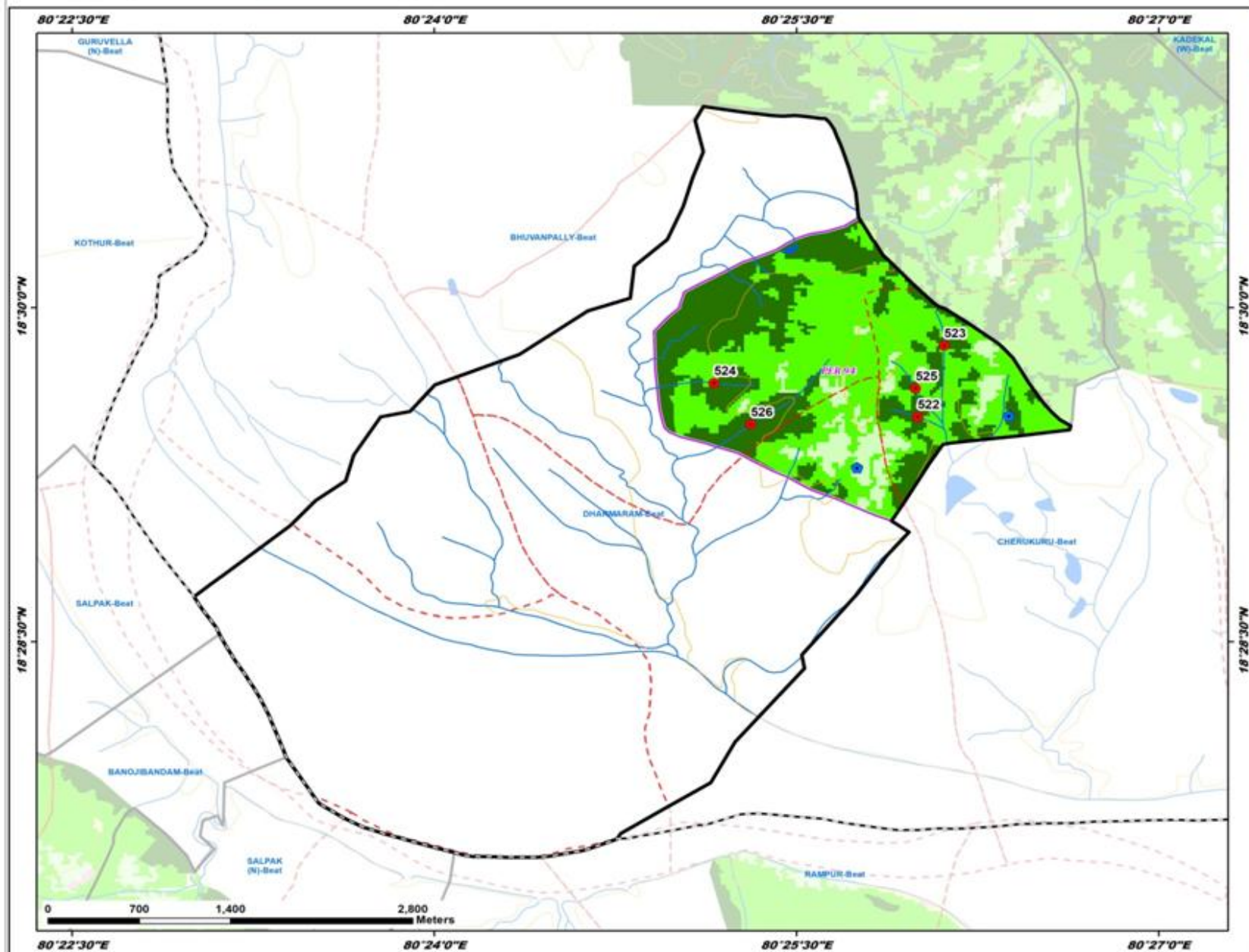
ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
616	18.557017	80.462085	11.75	I
617	18.566616	80.431449	15.82	I
618	18.559300	80.449755	17.69	I
619	18.561128	80.439173	7.25	I
620	18.552441	80.429523	11.06	I
621	18.562436	80.446658	9.03	I
622	18.565157	80.431119	7.36	I
623	18.558212	80.455746	10.83	I
624	18.566389	80.451762	9.98	I
625	18.565918	80.417191	36.73	II
626	18.569679	80.462254	36.14	II
627	18.567951	80.414139	35.96	II
628	18.546976	80.449733	30.41	II

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

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



Division : Venkatapur
Range : Wazeedu



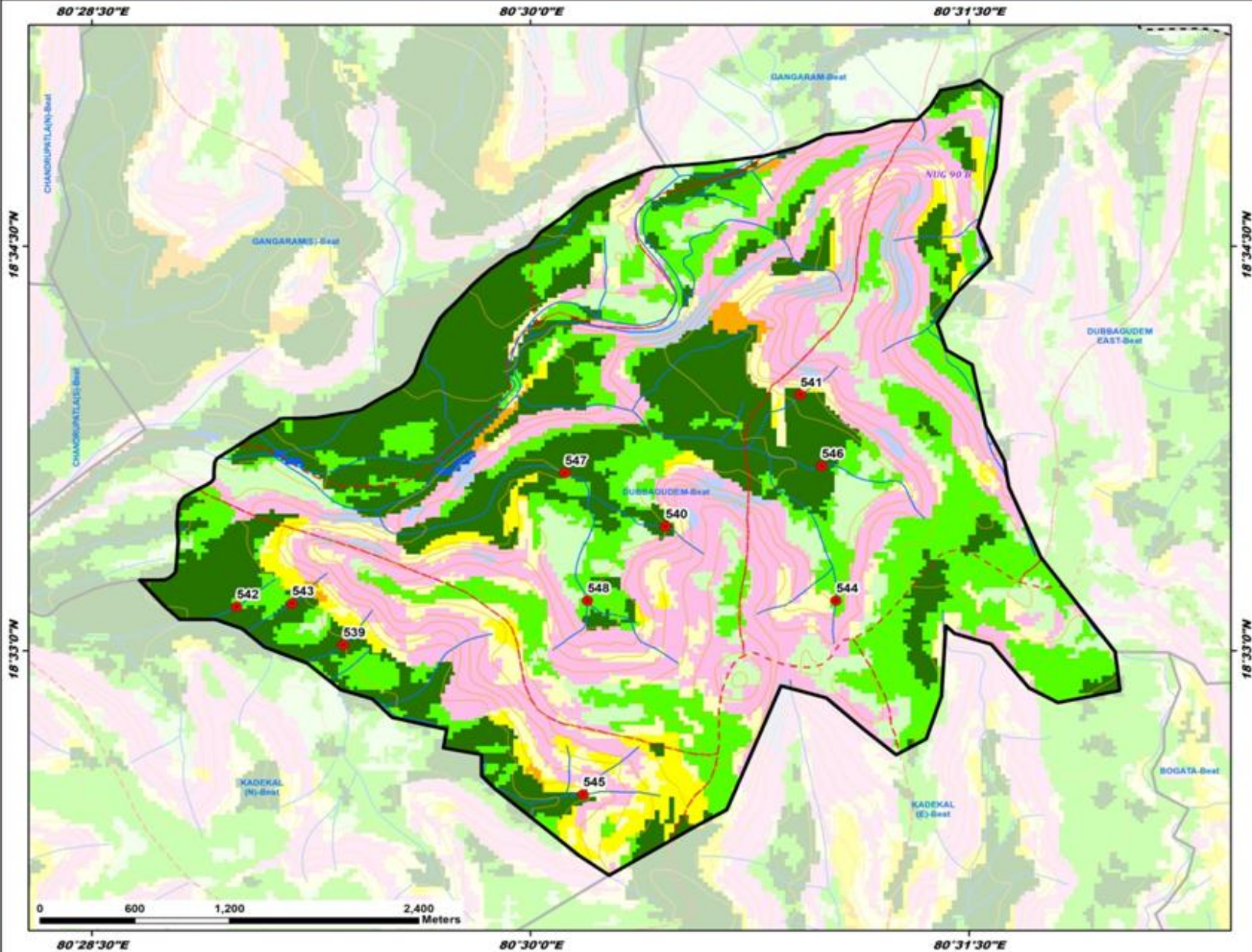
ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
522	18.491818	80.433379	9.94	I
523	18.497159	80.435199	13.74	I
524	18.494354	80.429326	13.94	I
525	18.493945	80.433228	10.78	II
526	18.491253	80.421864	62.94	III

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

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



Division : Venkatapur
Range : Wazeedu



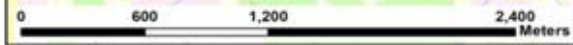
ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
539	18.550360	80.489339	12.94	I
540	18.557685	80.507692	19.91	I
541	18.565829	80.515395	12.12	I
542	18.552731	80.483260	7.13	I
543	18.552924	80.486412	11.60	I
544	18.559107	80.517425	21.31	II
545	18.541115	80.503004	82.37	III
546	18.561424	80.516614	79.87	III
547	18.561000	80.501976	72.52	III
548	18.553113	80.503254	81.11	IV

LEGEND

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

Suitability Index

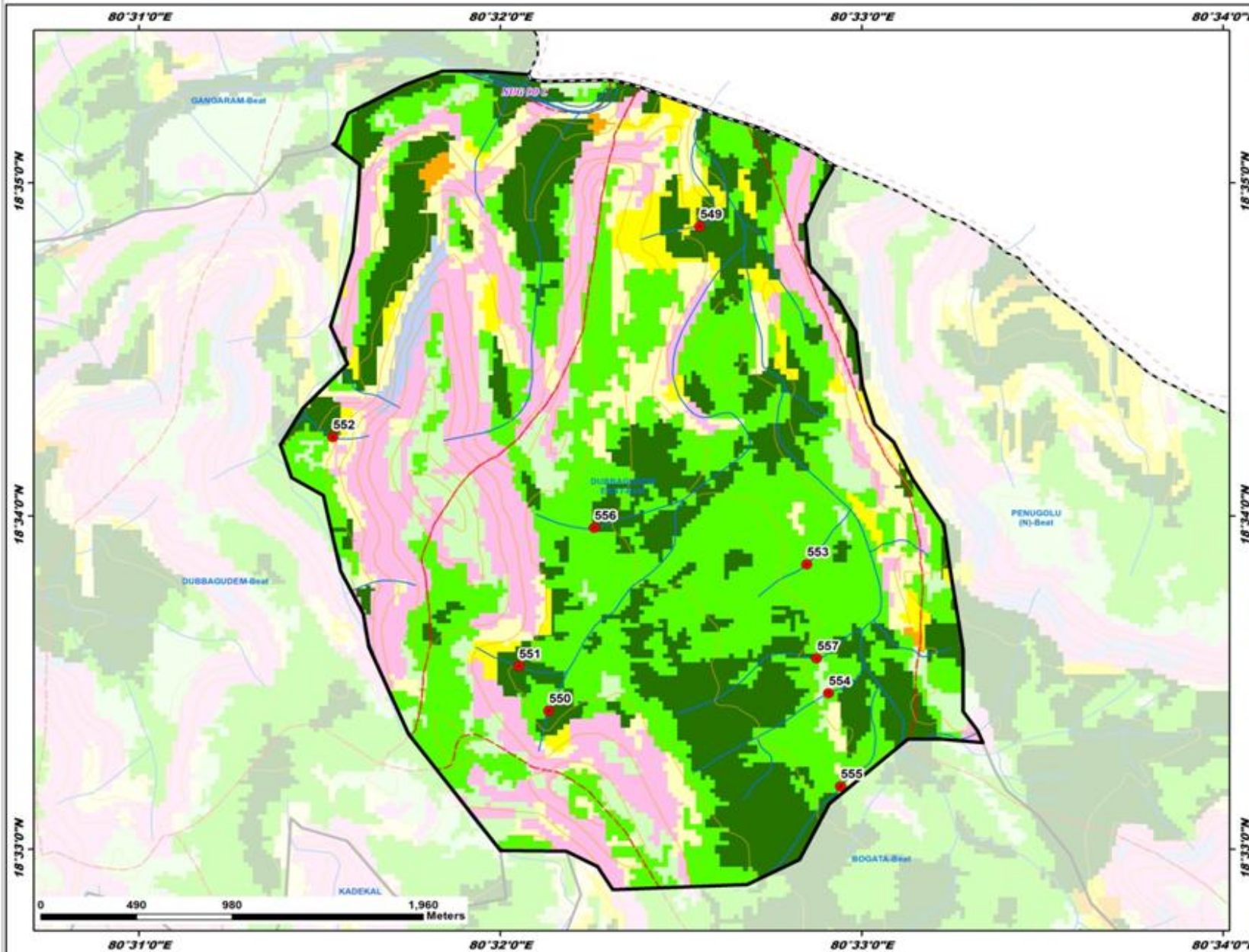
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body



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



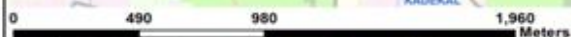
Division : Venkatapur
Range : Wazeedu



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
549	18.581150	80.542542	16.94	I
550	18.556923	80.535578	15.50	I
551	18.559549	80.534194	24.30	I
552	18.570608	80.525607	5.58	II
553	18.564242	80.547478	26.13	III
554	18.557802	80.548474	49.65	III
555	18.553143	80.549030	36.72	III
556	18.566076	80.537668	28.72	III
557	18.559543	80.547934	57.07	IV

LEGEND

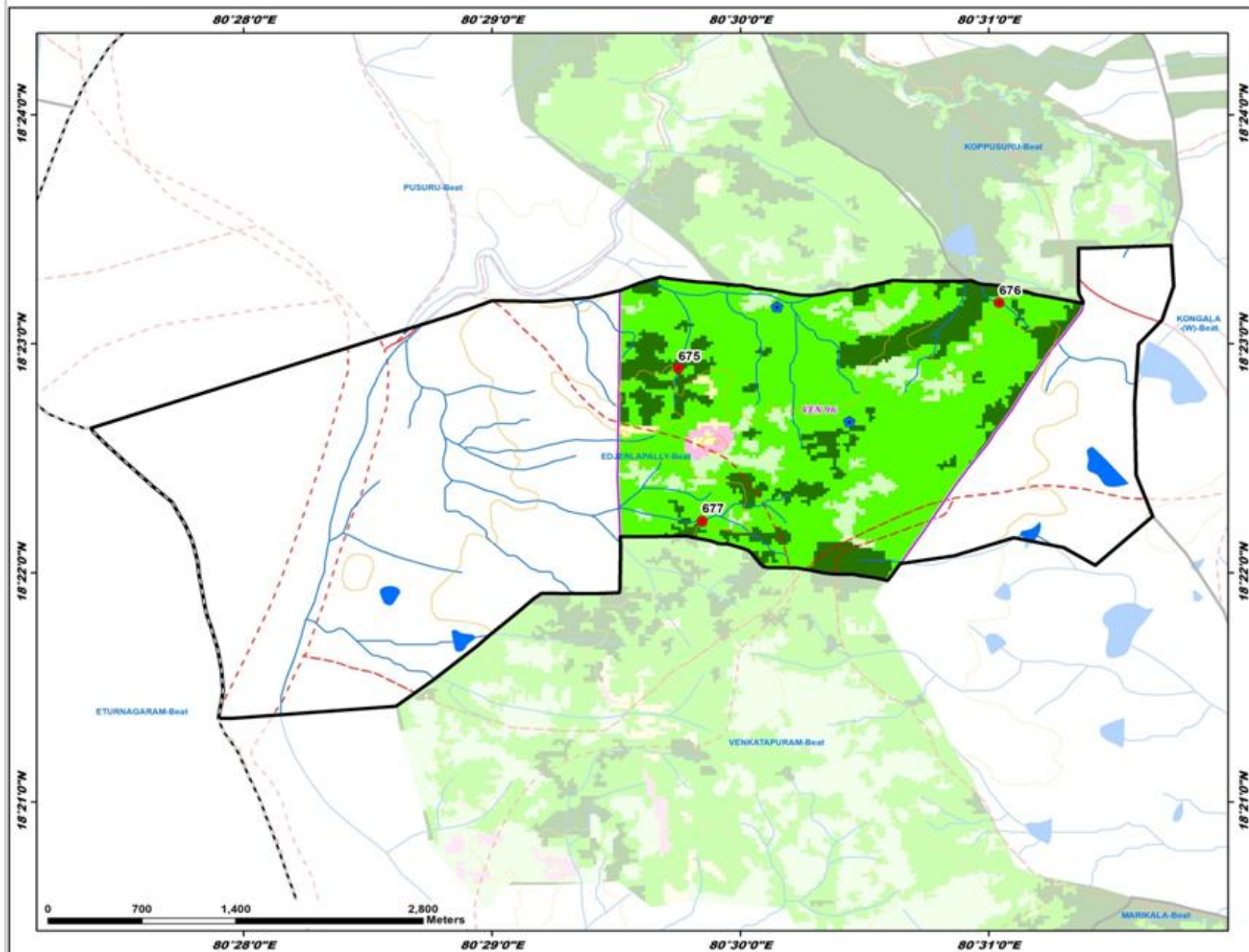
- Proposed PTs
- Existing CD/PTs
- Contours
- Streams
- ⬜ Watershed Boundary
- ⬜ Compartment Boundary
- ⬜ Beat Boundary
- ⬜ Division Boundary
- Suitability Index**
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable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



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



Division : Venkatapur
Range : Wazeedu



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
675	18.381553	80.495845	9.60	I
676	18.386333	80.517388	21.03	II
677	18.370453	80.497444	76.07	IV

LEGEND

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

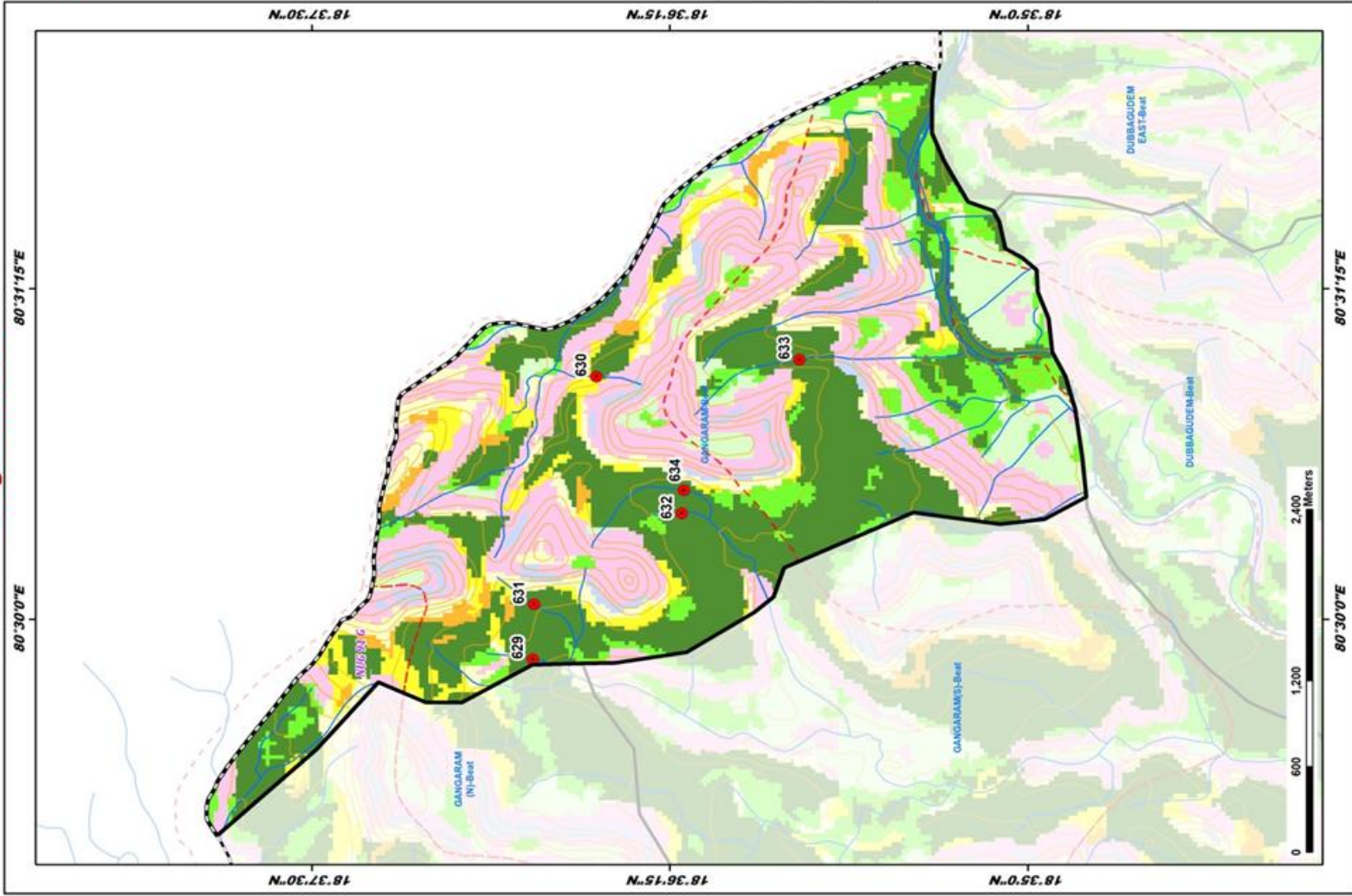
Suitability Index

- 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 Gangaram Beat



Division : Venkatapur
Range : Wazeedu



ID	Latitude	Longitude	Catchment Area Ha.	PRIORITY
629	18.612142	80.497500	11.36	I
630	18.608442	80.515317	9.73	I
631	18.612070	80.500970	13.78	I
632	18.609468	80.500709	9.07	I
633	18.596628	80.516392	33.92	II
634	18.603344	80.508150	39.36	III

LEGEND

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

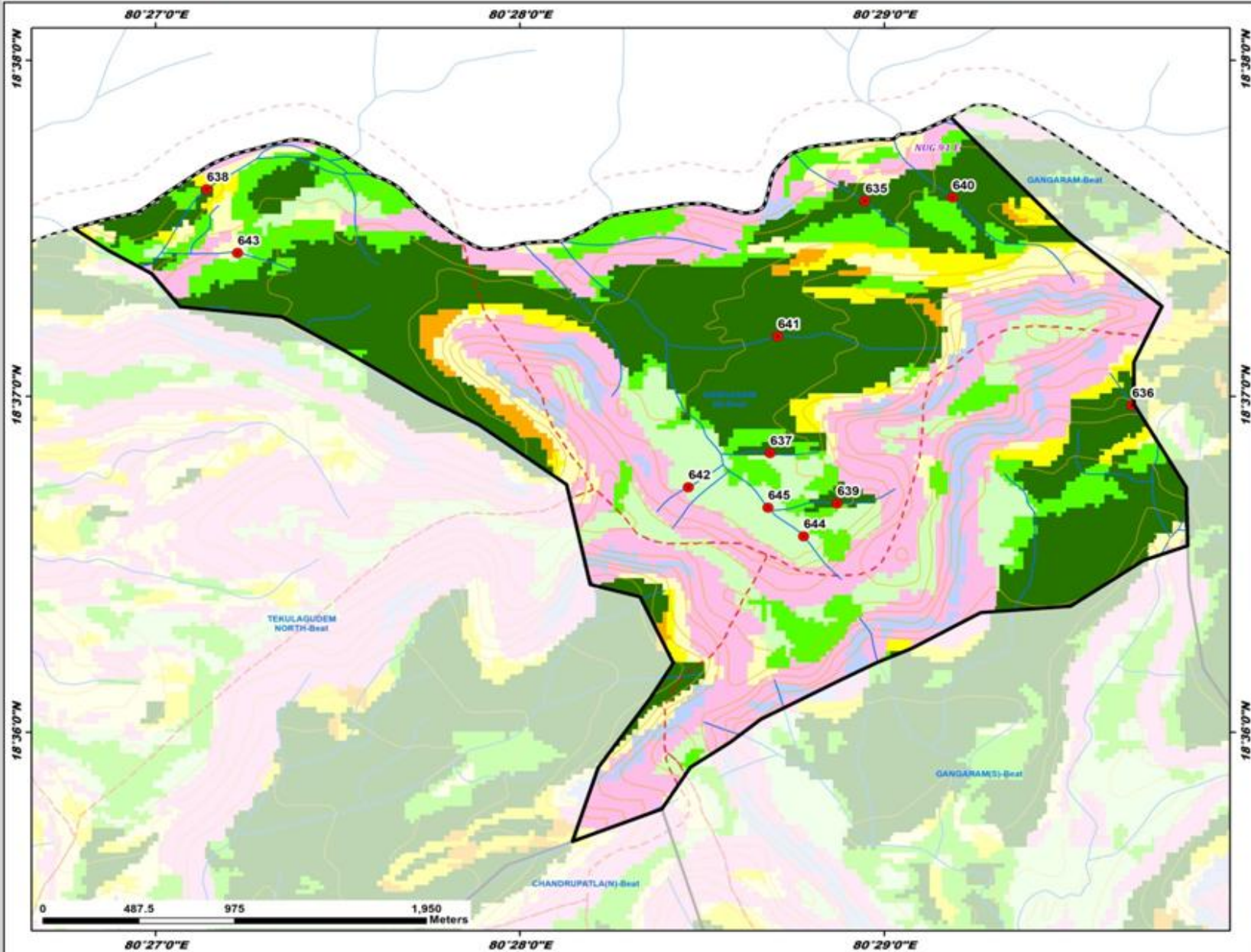
Suitability Index

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

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



Division : Venkatapur
Range : Wazeedu



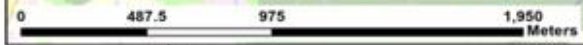
ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
635	18.626364	80.482464	20.29	I
636	18.616208	80.494676	12.26	I
637	18.613843	80.478122	13.76	I
638	18.628931	80.452345	20.03	I
639	18.611346	80.481190	21.47	II
640	18.628519	80.486463	41.92	II
641	18.619640	80.478468	57.74	III
642	18.612158	80.474380	5.09	IV
643	18.623781	80.453759	11.88	IV
644	18.609721	80.479658	32.80	V
645	18.611544	80.478023	75.61	V

LEGEND

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

Suitability Index

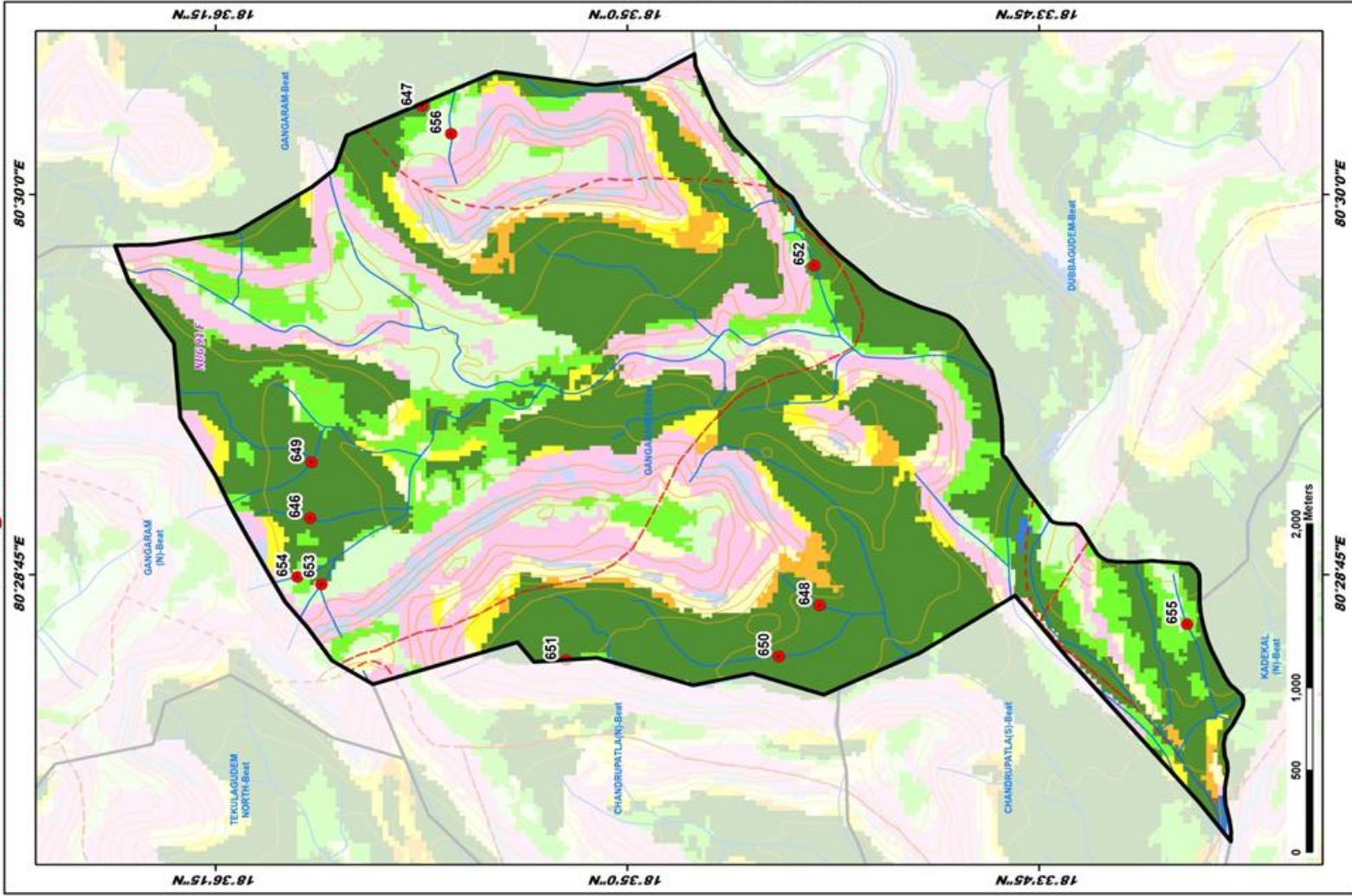
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- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body



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



Division : Venkatapur
Range : Wazeedu



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
646	18.599381	80.482298	9.11	I
647	18.599718	80.504893	20.63	I
648	18.573604	80.477907	24.93	I
649	18.599309	80.483356	30.96	II
650	18.575654	80.474712	66.70	III
651	18.586424	80.476509	58.08	III
652	18.578866	80.496141	66.44	III
653	18.598795	80.478660	16.78	IV
654	18.600015	80.479064	11.94	IV
655	18.554899	80.476468	24.18	IV
656	18.592235	80.503956	11.39	IV

LEGEND

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

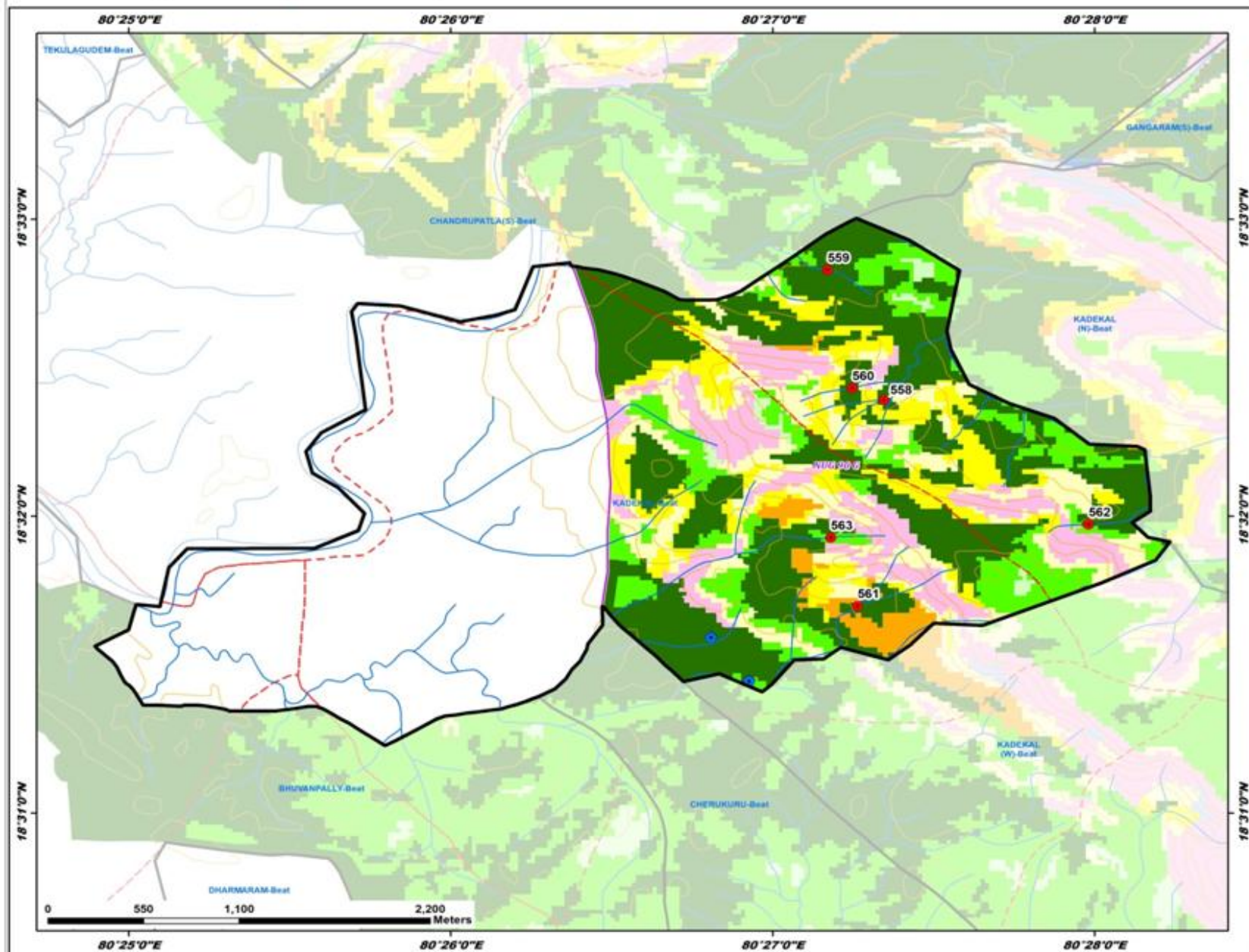
Suitability Index

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

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



Division : Venkatapur
Range : Wazeedu



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
558	18.539865	80.455762	14.35	I
559	18.547158	80.452843	17.96	I
560	18.540514	80.454121	5.34	I
561	18.528287	80.454398	23.62	I
562	18.532868	80.466354	17.40	I
563	18.532138	80.453004	15.56	II

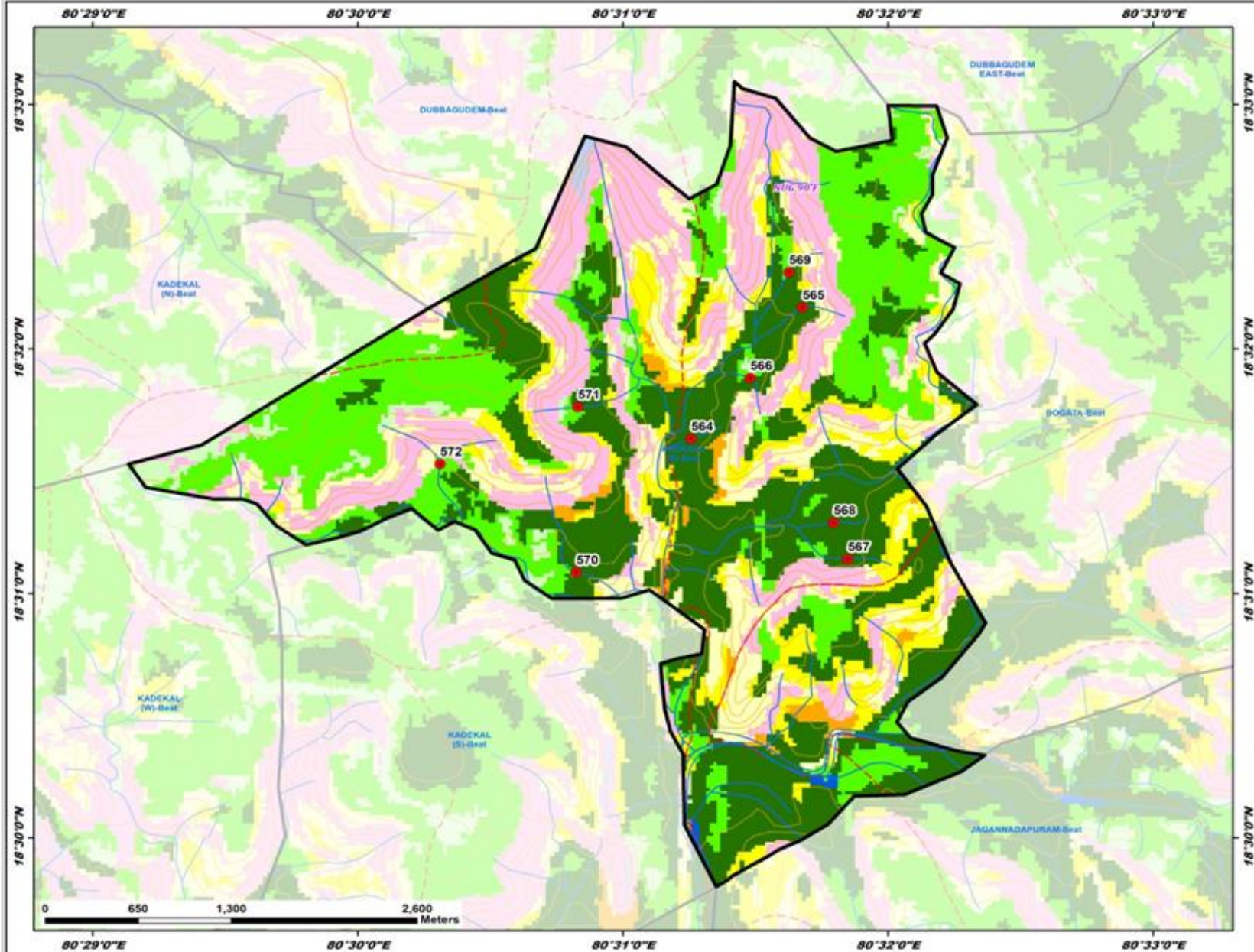
LEGEND

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

Suitability Index

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

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



Division : Venkatapur
Range : Wazeedu

ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
564	18.527216	80.520962	11.20	I
565	18.536162	80.527954	17.58	I
566	18.531354	80.524674	14.45	I
567	18.518998	80.530799	17.33	I
568	18.521480	80.529923	19.23	I
569	18.538545	80.527101	23.94	II
570	18.518100	80.513734	37.88	II
571	18.529178	80.513842	28.91	III
572	18.525485	80.505179	64.76	IV

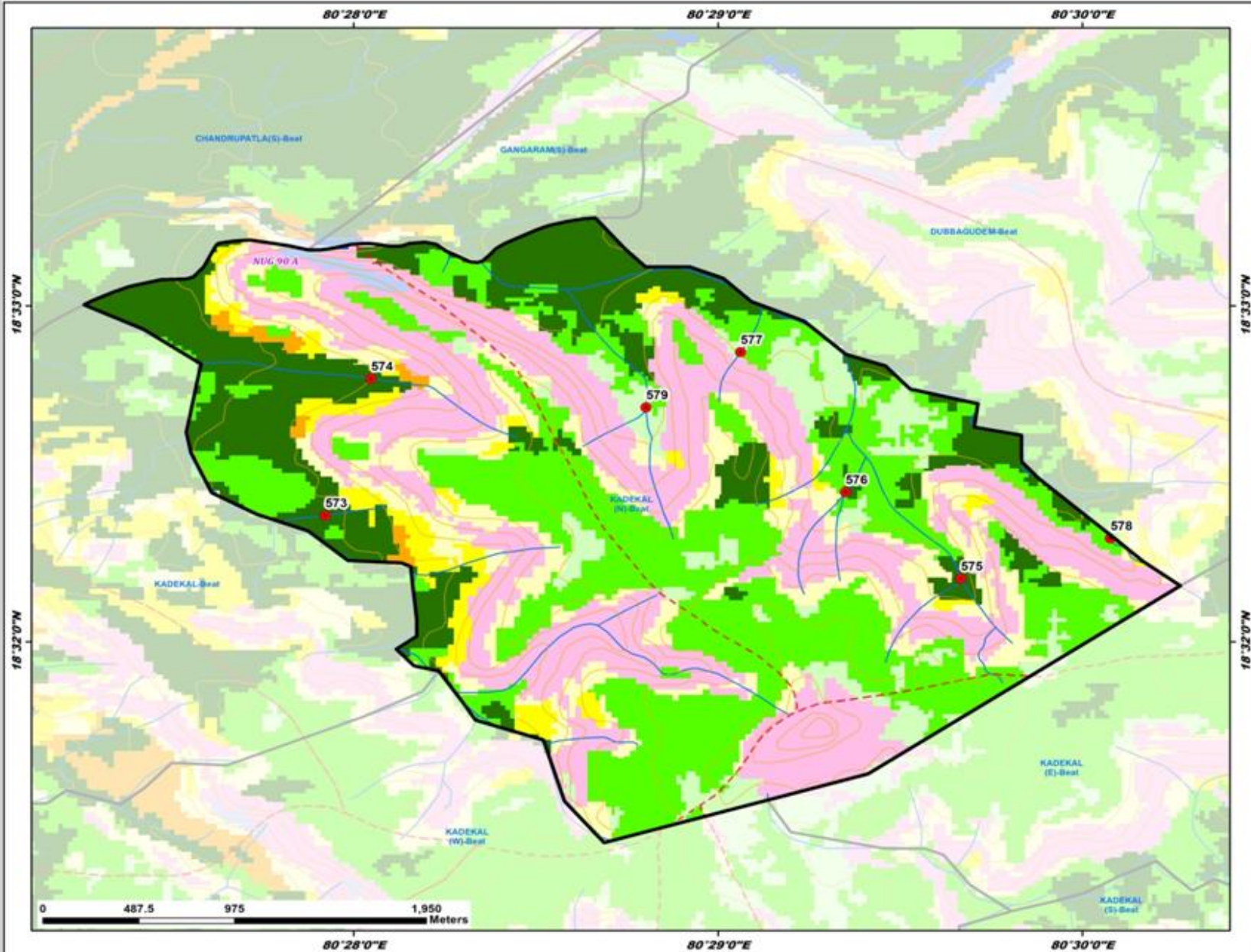
LEGEND

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

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



Division : Venkatapur
Range : Wazeedu



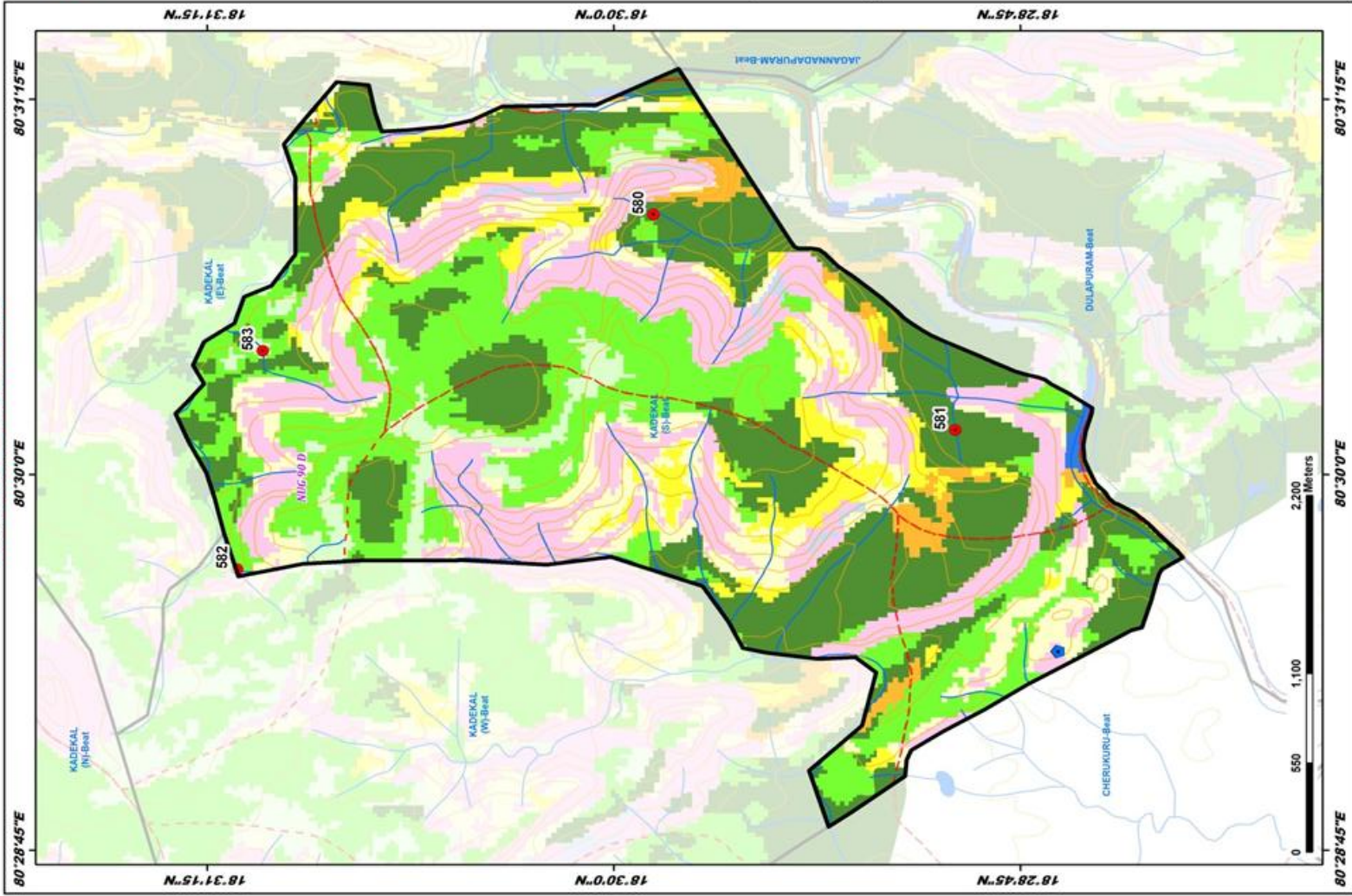
ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
573	18.539508	80.465362	21.27	I
574	18.546395	80.467460	47.51	II
575	18.536474	80.494444	97.72	III
576	18.540762	80.489165	31.94	III
577	18.547706	80.484372	8.43	IV
578	18.538467	80.501288	64.15	IV
579	18.544959	80.480042	76.44	V

- 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 SGPs - Suitable
 - Not Suitable
 - Water Body

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



Division : Venkatapur
Range : Wazeedu



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
580	18.497971	80.514466	7.49	I
581	18.482496	80.502491	35.99	II
582	18.519291	80.494775	52.89	IV
583	18.517982	80.506882	56.44	V

LEGEND

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

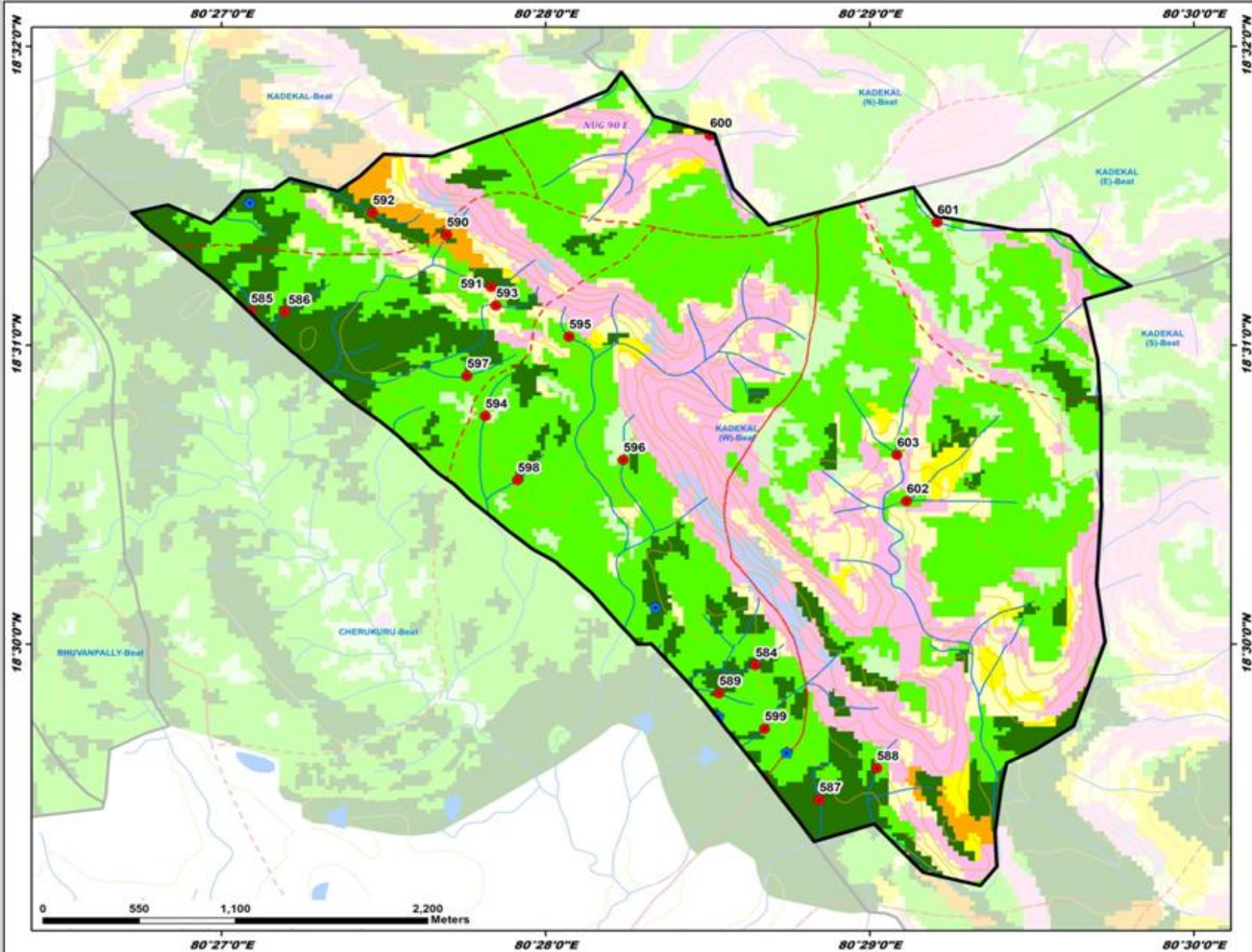
Suitability Index

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

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



Division : Venkatapur
Range : Wazeedu



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
584	18.498841	80.477451	17.83	I
585	18.518595	80.451512	7.69	I
586	18.518558	80.453249	13.11	I
587	18.491328	80.480747	11.05	I
588	18.493025	80.483099	10.56	I
589	18.497260	80.475591	6.29	I
590	18.522838	80.461581	8.09	I
591	18.519929	80.463872	6.71	I
592	18.524071	80.457768	11.46	I
593	18.518889	80.464115	11.13	II
594	18.512724	80.463570	19.63	II
595	18.517147	80.467876	5.66	II
596	18.510280	80.470675	11.95	II
597	18.514958	80.462621	10.53	II
598	18.509159	80.465230	8.98	II
599	18.495296	80.477935	34.71	III
600	18.528377	80.475126	88.00	III
601	18.523543	80.486809	15.02	IV
602	18.507982	80.485235	77.03	IV
603	18.510560	80.484739	81.62	IV

LEGEND

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

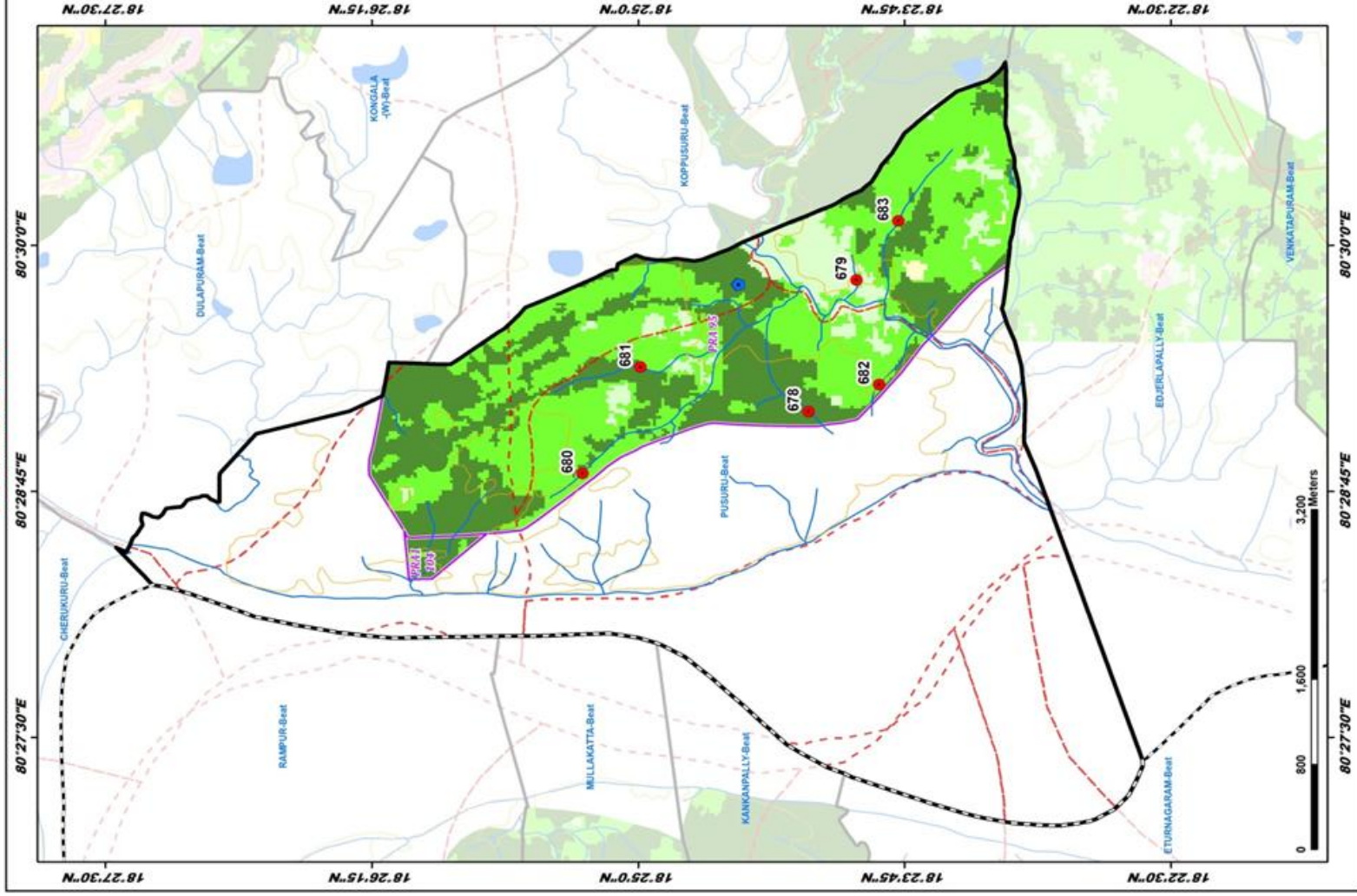
Suitability Index

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

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



Division : Venkatapur
Range : Wazeedu



ID	Latitude	Longitude	Catchment		PRIORITY
			Area Ha	Ha	
676	18.403343	80.485962	30.85	30.85	II
679	18.399587	80.497087	22.44	22.44	III
680	18.421032	80.480719	32.00	32.00	III
681	18.416497	80.489741	48.44	48.44	III
682	18.397814	80.488243	39.65	39.65	III
683	18.396302	80.502088	51.75	51.75	IV

LEGEND

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

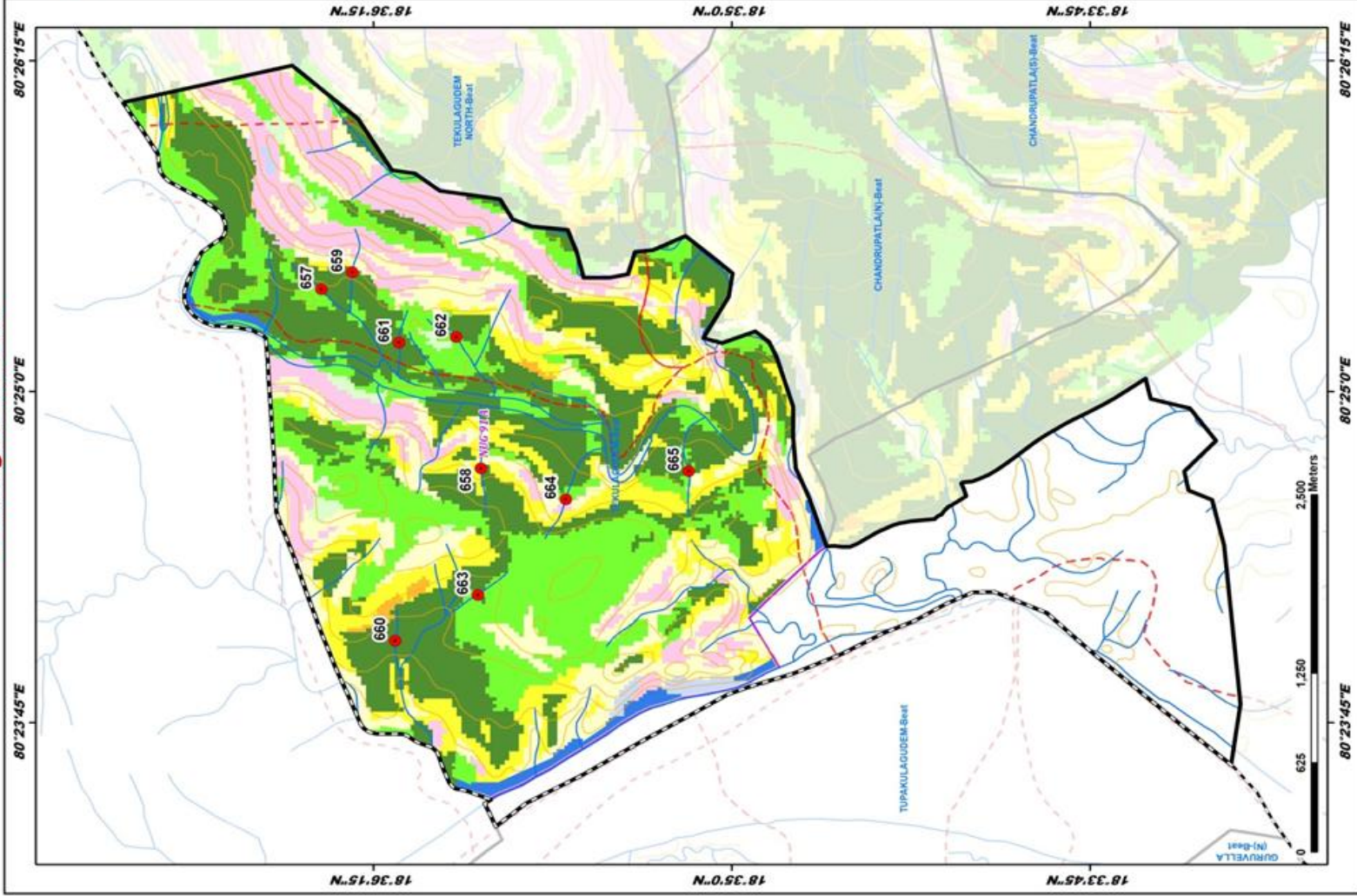
Suitability Index

- 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 Tekulagudem Beat



Division : Venkatapur
Range : Wazeedu



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
657	18.607188	80.423140	12.76	I
658	18.597900	80.411858	8.79	I
659	18.603390	80.424214	12.05	I
660	18.602889	80.401008	14.49	I
661	18.602676	80.419787	10.22	I
662	18.599342	80.420131	19.35	I
663	18.598090	80.403882	20.25	I
664	18.592971	80.409915	14.13	II
665	18.595824	80.411680	12.70	II

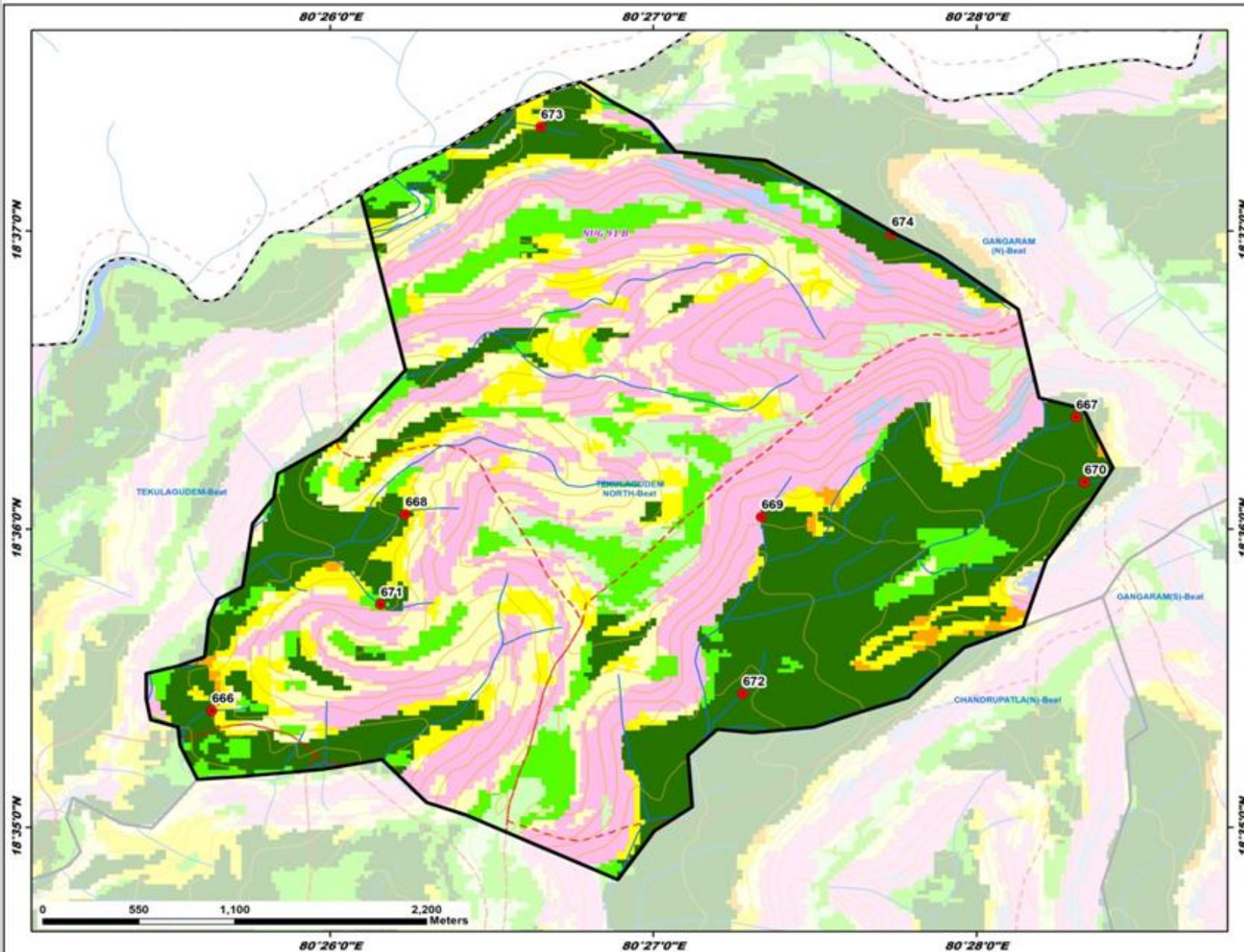
LEGEND

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

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



Division : Venkatapur
Range : Wazeedu



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
666	18.589848	80.427231	11.32	I
667	18.606264	80.471795	22.94	I
668	18.600826	80.437211	12.87	I
669	18.600676	80.455574	24.71	I
670	18.602633	80.472232	30.40	II
671	18.595782	80.435931	19.30	II
672	18.590801	80.454615	30.60	II
673	18.622485	80.444197	27.08	II
674	18.616488	80.462285	81.99	III

LEGEND

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

