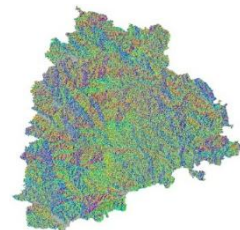
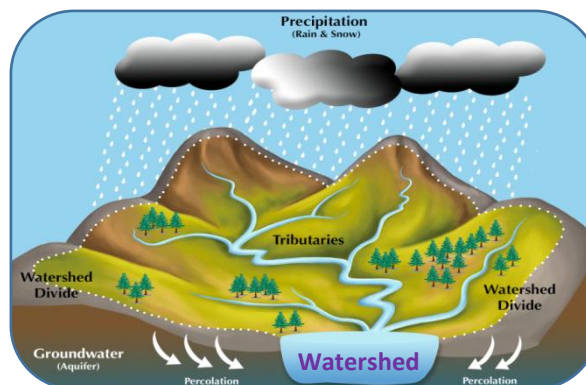


Government of Telangana – Forest Department



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

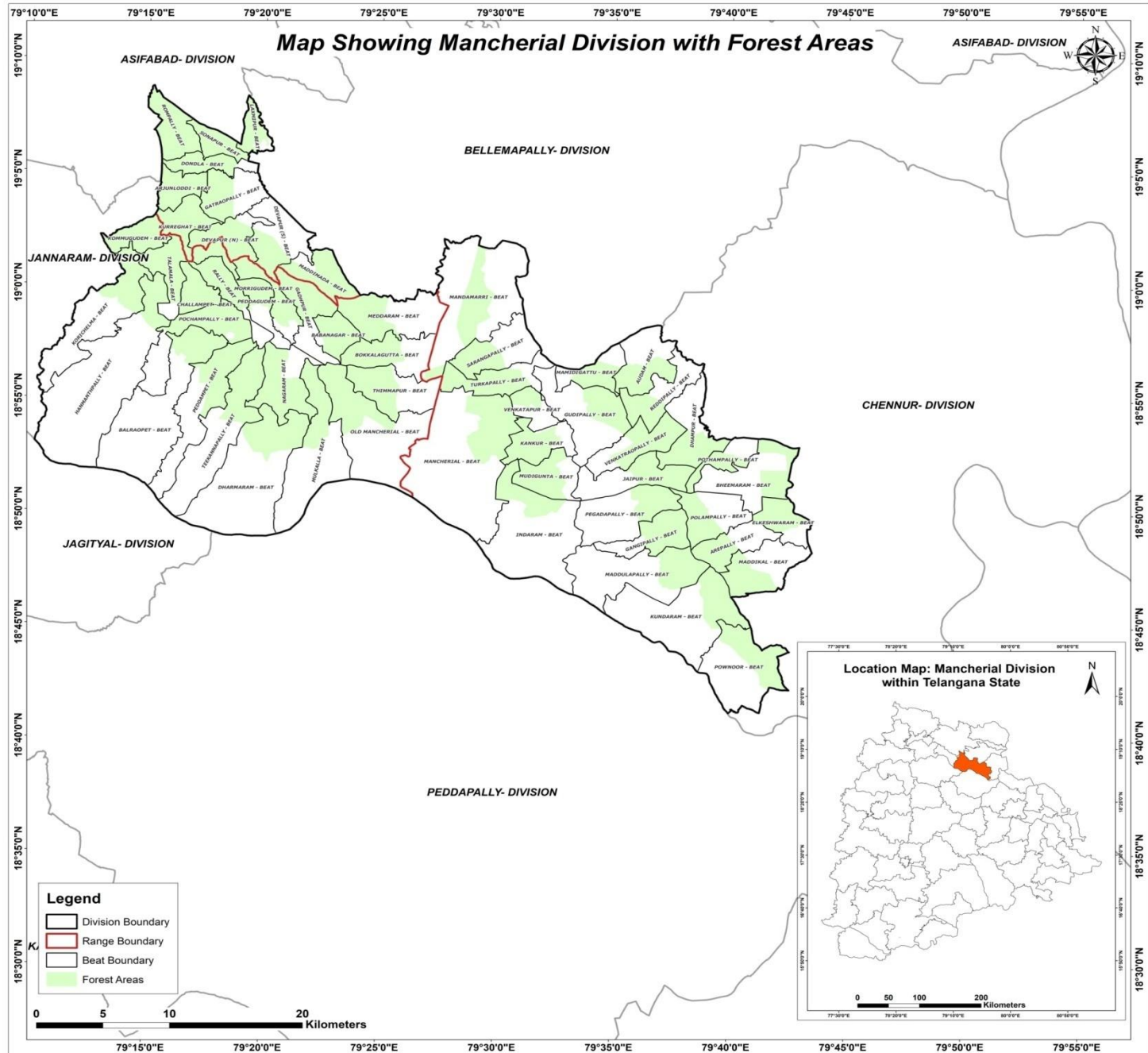


SITE SUITABILITY ANALYSIS FOR WATER HARVESTING STRUCTURES USING REMOTE SENSING & GIS

Circle: Kawal TR
District: Mancherial
Division: Mancherial

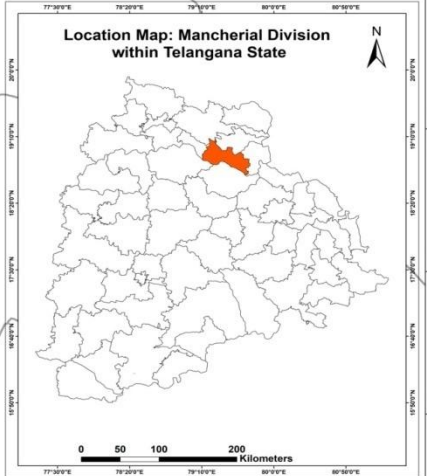
**Prepared at Geomatics Centre
O/o Prl.Chief Conservator of Forests
Aranya Bhavan, Saifabad
Hyderabad - 500004**

Map Showing Mancherla Division with Forest Areas



Legend

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



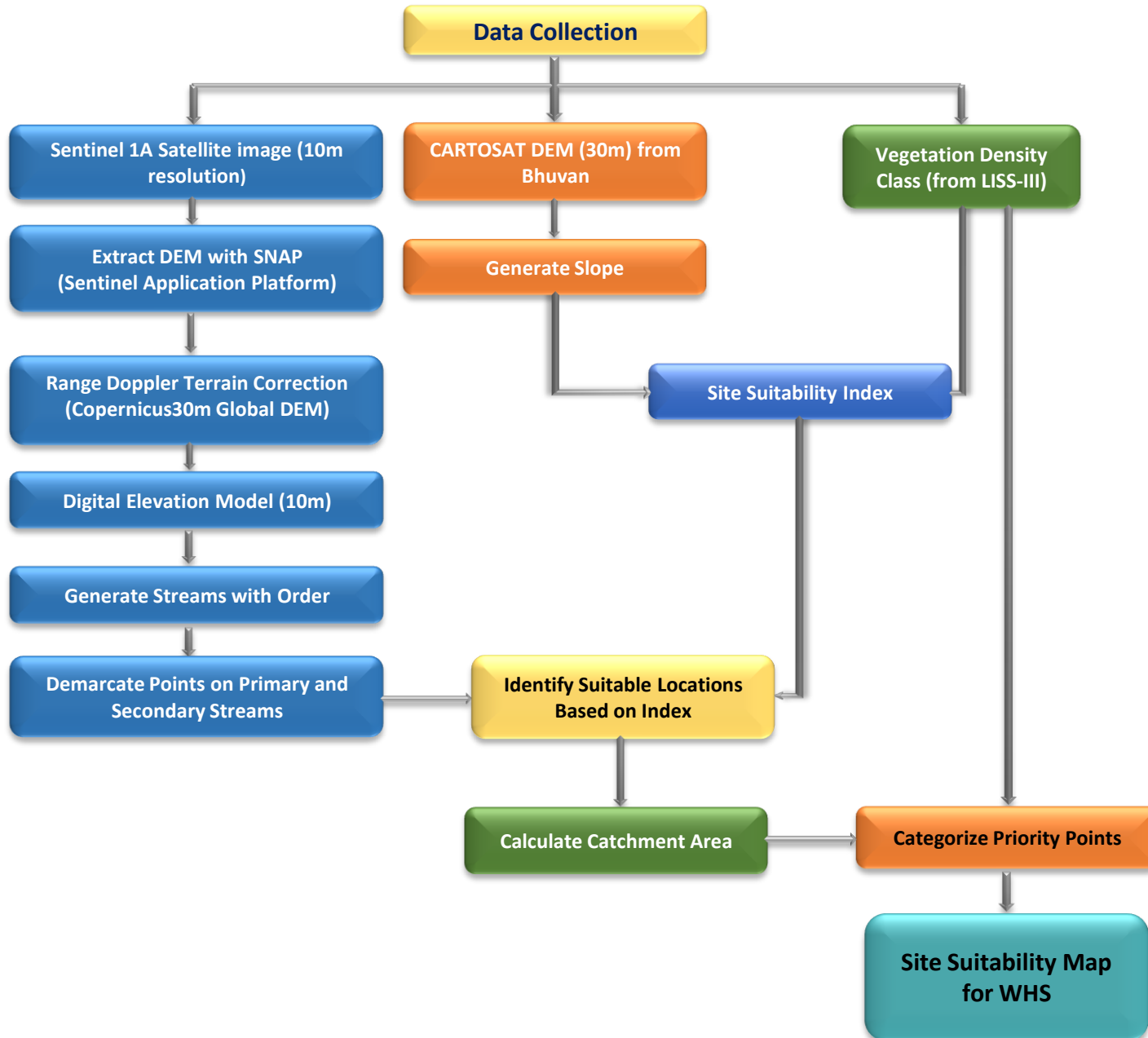
METHODOLOGY

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.



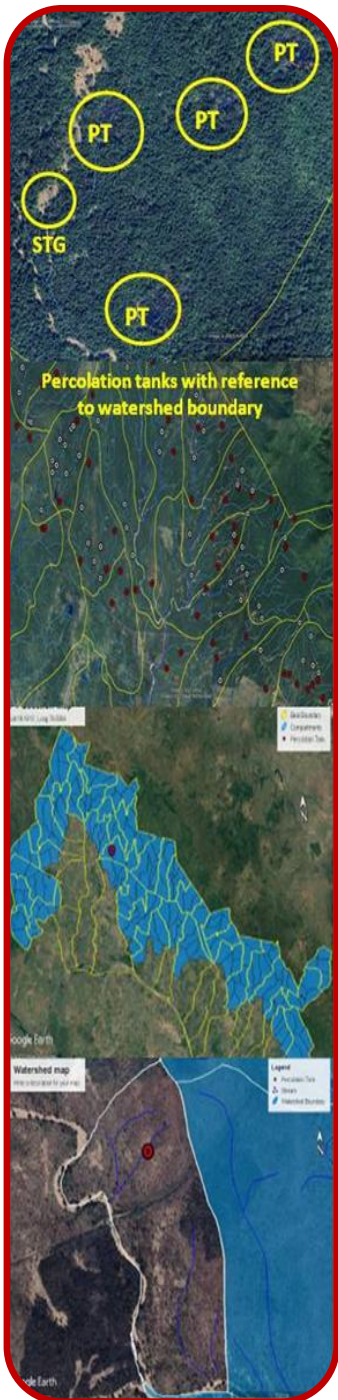
Suitability criteria for Check-Dams and Percolation Tanks (SITE SUITABILITY INDEX)

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



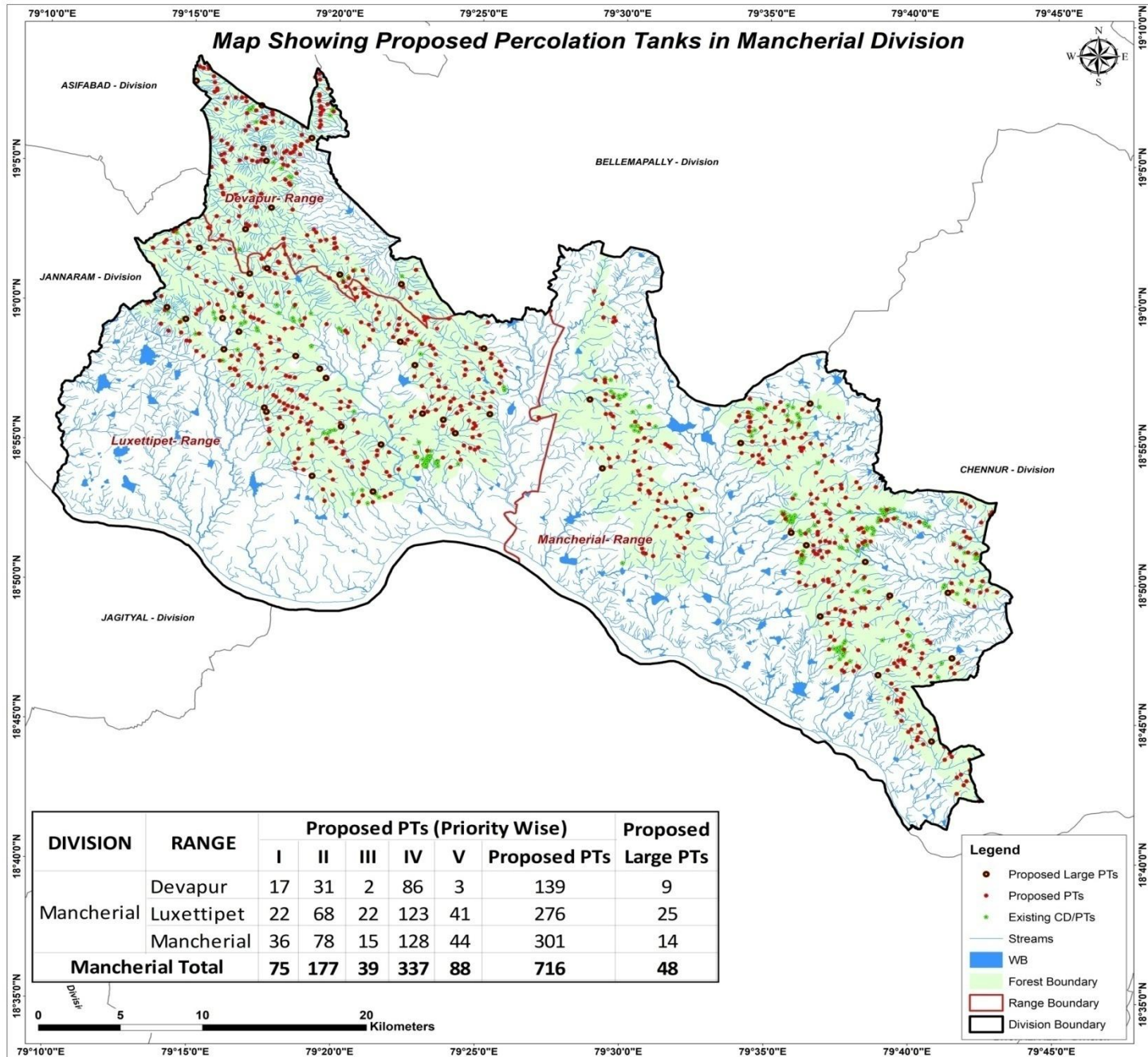


PRIORITY CLASSES FOR PERCOLATION TANK

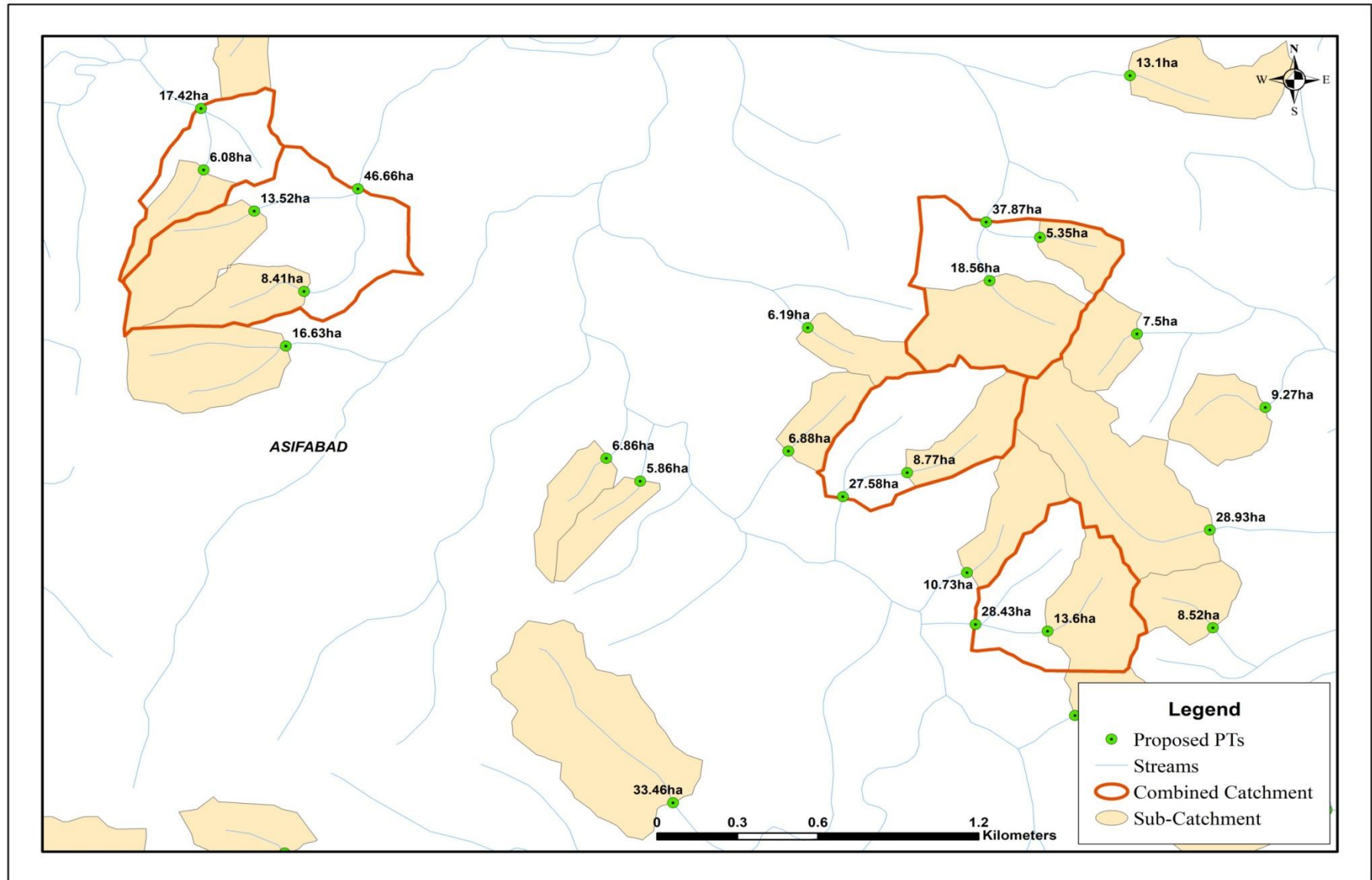
Priority	Catchment Area(Ha)	Density Class
1	0-25 0-25	Scrub Blank
2	0-25 25-50	Open Forest Blank
3	25-50 >50	Open Forest Scrub & blank
4	0-25 >50	Dense Forest Open Forest
5	25-50 >50	Dense Forest Dense Forest



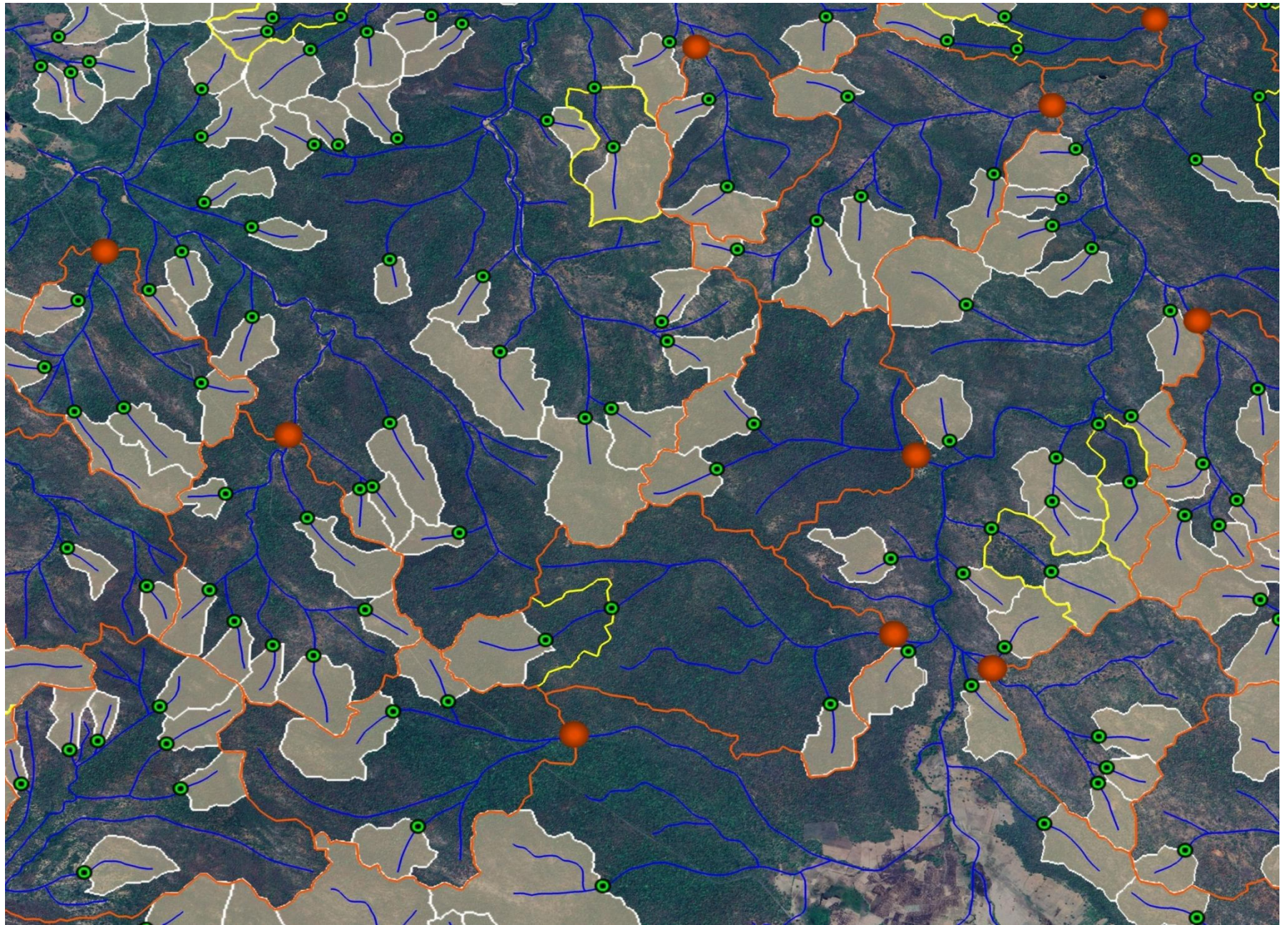
Map Showing Proposed Percolation Tanks in Mancherial Division



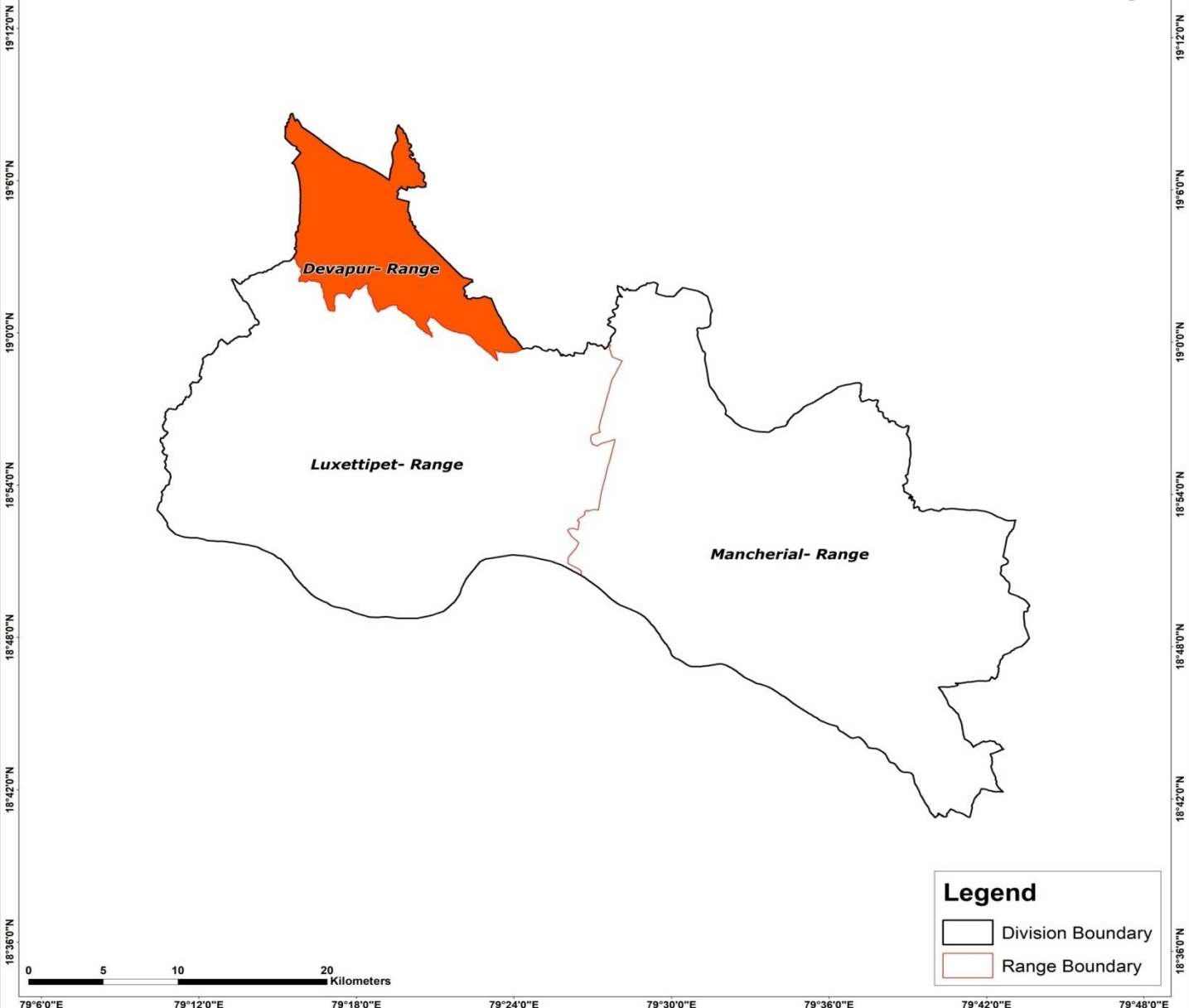
CATCHMENT AREA



Sample Catchment Map



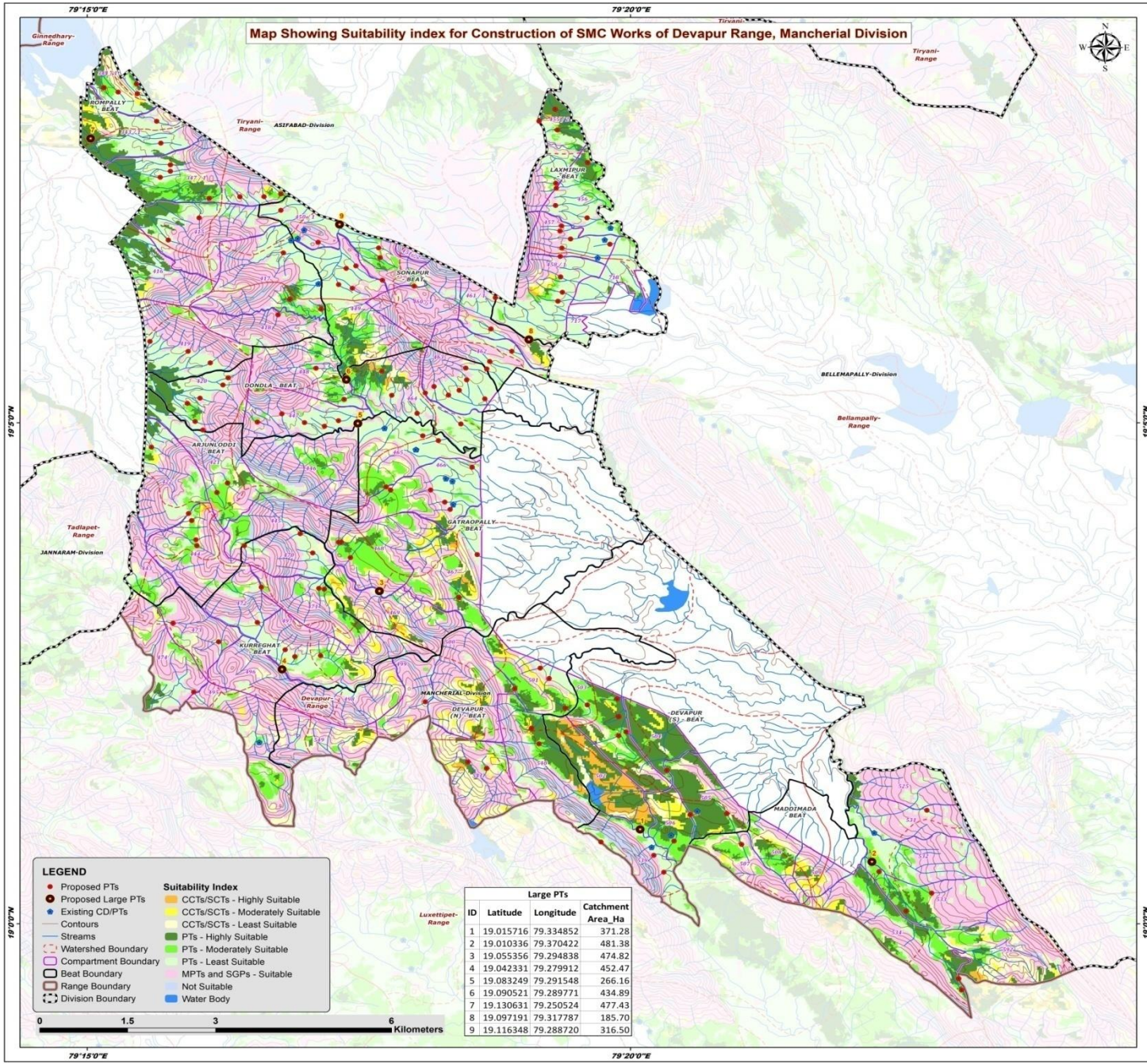
Map Showing Devapur Range in Mancherial Division



Legend

- Division Boundary
- Range Boundary

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



LEGEND

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

Large PTs			
ID	Latitude	Longitude	Catchment Area_Ha
1	19.015716	79.334852	371.28
2	19.010336	79.370422	481.38
3	19.055356	79.294838	474.82
4	19.042331	79.279912	452.47
5	19.083249	79.291548	266.16
6	19.090521	79.289771	434.89
7	19.130631	79.250524	477.43
8	19.097191	79.317787	185.70
9	19.116348	79.288720	316.50

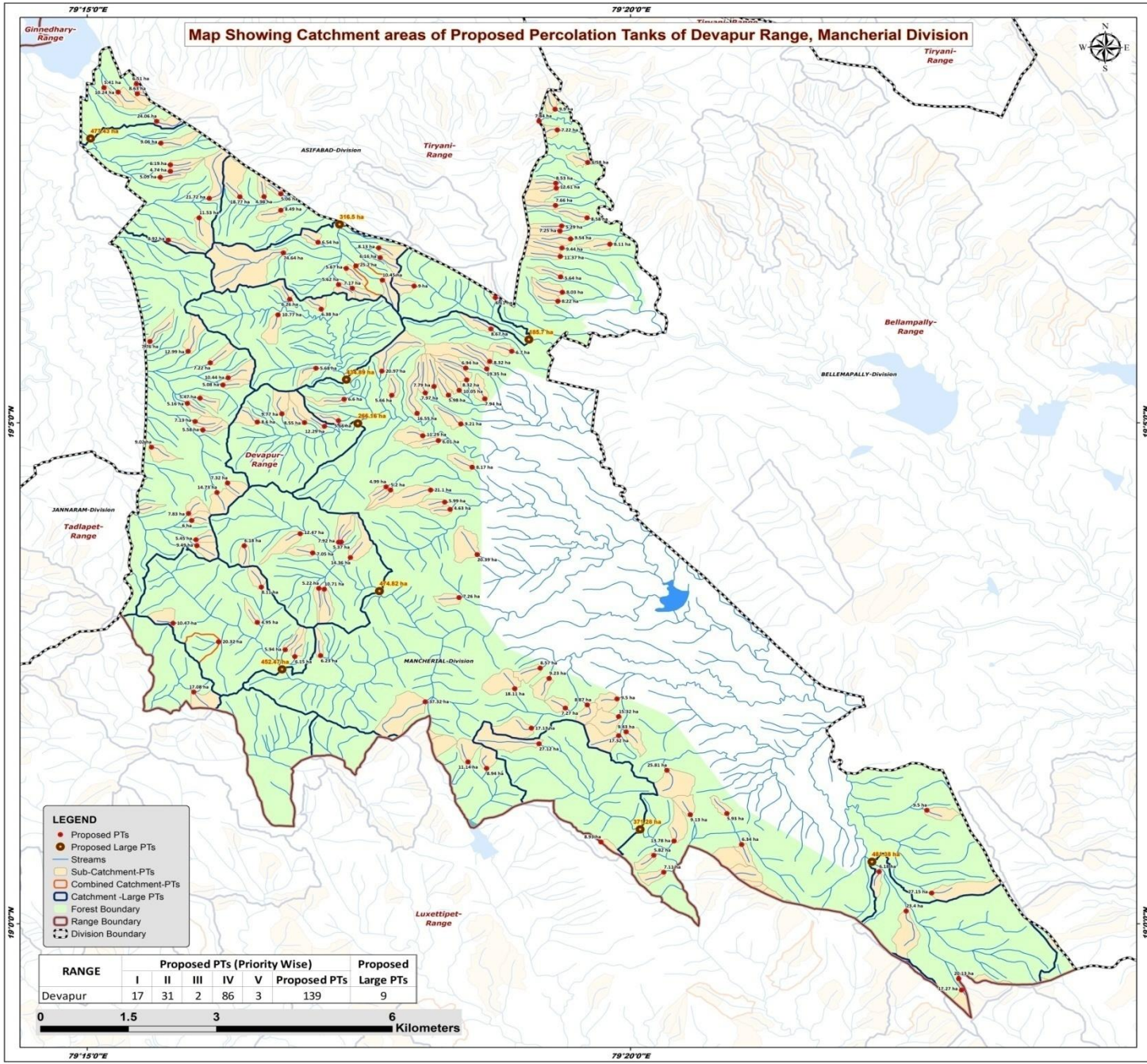
M.A.5.19

M.A.5.19

79°15'0"E

79°20'0"E

Map Showing Catchment areas of Proposed Percolation Tanks of Devapur Range, Mancheril Division



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

RANGE	Proposed PTs (Priority Wise)					Proposed Large PTs
	I	II	III	IV	V	
Devapur	17	31	2	86	3	139



79°15'0"E

79°20'0"E

16°05'0"N

16°05'0"N

16°00'0"N

16°00'0"N

Beat wise Abstract of Proposed PT's – Devapur Range

S. No.	Beat	Proposed PT's
1	ARJUNLODDI	7
2	DEVAPUR NORTH	9
3	DEVAPUR SOUTH	12
4	DONDLA	24
5	GATRAOPALLY	13
6	KURREGHAT	13
7	LAXMIPUR	17
8	MADDIMADA	7
9	ROMPALLY	22
10	SONAPUR	15
	Total	139

List of Proposed PTs – Devapur Range

ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat	ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat	ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat
1	19.032551	79.318162	17.13	I	DEVAPUR NORTH	41	19.063494	79.288591	7.92	II	GATRAOPALLY	81	19.087922	79.296740	5.66	IV	DONDLA
2	19.026933	79.308449	11.14	I	DEVAPUR NORTH	42	19.080383	79.303888	6.01	IV	GATRAOPALLY	82	19.083559	79.266569	7.13	IV	DONDLA
3	19.035889	79.323380	7.27	I	DEVAPUR NORTH	43	19.081195	79.301504	11.29	IV	GATRAOPALLY	83	19.092444	79.308087	6.94	IV	DONDLA
4	19.039107	79.315624	18.11	I	DEVAPUR NORTH	44	19.068943	79.305690	4.63	IV	GATRAOPALLY	84	19.082136	79.267746	5.58	IV	DONDLA
5	19.025871	79.311287	8.94	II	DEVAPUR NORTH	45	19.061435	79.309864	20.39	IV	GATRAOPALLY	85	19.083377	79.283361	8.55	IV	DONDLA
6	19.029943	79.319328	27.12	III	DEVAPUR NORTH	46	19.075953	79.309087	8.17	IV	GATRAOPALLY	86	19.102240	79.285909	6.38	I	ROMPALLY
7	19.040826	79.320898	9.23	IV	DEVAPUR NORTH	47	19.070145	79.304872	5.99	IV	GATRAOPALLY	87	19.103894	79.281093	6.26	I	ROMPALLY
8	19.042541	79.319508	8.57	IV	DEVAPUR NORTH	48	19.072165	79.302705	21.10	IV	GATRAOPALLY	88	19.139092	79.252594	5.41	II	ROMPALLY
9	19.036947	79.301889	37.32	V	DEVAPUR NORTH	49	19.055670	79.286392	10.71	II	KURREGHAT	89	19.121428	79.279717	5.06	II	ROMPALLY
10	19.034462	79.331553	15.32	I	DEVAPUR SOUTH	50	19.056022	79.276741	8.11	II	KURREGHAT	90	19.120687	79.268730	21.72	II	ROMPALLY
11	19.037427	79.331311	9.50	I	DEVAPUR SOUTH	51	19.044623	79.285834	6.23	II	KURREGHAT	91	19.101312	79.279291	10.77	II	ROMPALLY
12	19.031927	79.332692	9.43	I	DEVAPUR SOUTH	52	19.062888	79.274105	6.18	II	KURREGHAT	92	19.139735	79.257569	6.51	II	ROMPALLY
13	19.018162	79.342551	9.13	I	DEVAPUR SOUTH	53	19.045588	79.280381	5.94	IV	KURREGHAT	93	19.120961	79.277134	4.98	IV	ROMPALLY
14	19.013777	79.340065	13.78	II	DEVAPUR SOUTH	54	19.044445	79.281883	6.15	IV	KURREGHAT	94	19.129861	79.261324	9.06	IV	ROMPALLY
15	19.018356	79.348175	5.93	II	DEVAPUR SOUTH	55	19.064907	79.282696	12.47	IV	KURREGHAT	95	19.095230	79.265496	12.99	IV	ROMPALLY
16	19.025540	79.338954	25.81	II	DEVAPUR SOUTH	56	19.055815	79.285556	5.22	IV	KURREGHAT	96	19.125191	79.262784	4.74	IV	ROMPALLY
17	19.008587	79.338475	7.11	IV	DEVAPUR SOUTH	57	19.061699	79.284611	7.05	IV	KURREGHAT	97	19.133504	79.260674	24.06	IV	ROMPALLY
18	19.011396	79.336956	5.82	IV	DEVAPUR SOUTH	58	19.050148	79.276115	4.95	IV	KURREGHAT	98	19.117445	79.267185	11.53	IV	ROMPALLY
19	19.031308	79.331562	17.32	IV	DEVAPUR SOUTH	59	19.050014	79.263186	10.47	IV	KURREGHAT	99	19.126260	79.262772	6.19	IV	ROMPALLY
20	19.036422	79.326727	8.87	IV	DEVAPUR SOUTH	60	19.038554	79.266375	17.08	IV	KURREGHAT	100	19.093318	79.268896	7.22	IV	ROMPALLY
21	19.013623	79.328838	8.93	IV	DEVAPUR SOUTH	61	19.046927	79.270184	20.32	IV	KURREGHAT	101	19.113732	79.262454	8.92	IV	ROMPALLY
22	18.988993	79.384162	17.27	I	MADDIMADA	62	19.087270	79.289437	6.60	II	DONDLA	102	19.138368	79.254759	10.24	IV	ROMPALLY
23	19.002139	79.375668	23.40	I	MADDIMADA	63	19.083481	79.276117	8.60	II	DONDLA	103	19.138086	79.257717	8.63	IV	ROMPALLY
24	18.990891	79.383723	20.13	I	MADDIMADA	64	19.092425	79.285119	5.68	II	DONDLA	104	19.096882	79.259638	7.76	IV	ROMPALLY
25	19.013203	79.350415	6.34	II	MADDIMADA	65	19.091945	79.295213	20.97	II	DONDLA	105	19.120940	79.273455	18.77	IV	ROMPALLY
26	19.008683	79.371511	6.18	II	MADDIMADA	66	19.089389	79.303227	7.79	IV	DONDLA	106	19.124184	79.261225	5.09	IV	ROMPALLY
27	19.005125	79.379563	27.15	III	MADDIMADA	67	19.083703	79.288575	5.66	IV	DONDLA	107	19.111612	79.280121	74.64	V	ROMPALLY
28	19.018904	79.378848	9.50	IV	MADDIMADA	68	19.083160	79.307342	9.21	IV	DONDLA	108	19.135515	79.321813	9.90	I	LAXMIPUR
29	19.063898	79.266707	5.45	II	ARJUNLODDI	69	19.090485	79.308224	8.32	IV	DONDLA	109	19.126653	79.326805	6.58	I	LAXMIPUR
30	19.071757	79.269933	14.73	II	ARJUNLODDI	70	19.087448	79.267318	5.47	IV	DONDLA	110	19.133516	79.319343	7.84	I	LAXMIPUR
31	19.062918	79.266840	9.49	II	ARJUNLODDI	71	19.088322	79.301894	7.97	IV	DONDLA	111	19.103573	79.322227	8.22	II	LAXMIPUR
32	19.073326	79.271558	7.32	II	ARJUNLODDI	72	19.086585	79.265389	5.16	IV	DONDLA	112	19.117431	79.326723	8.58	IV	LAXMIPUR
33	19.068257	79.265556	7.83	IV	ARJUNLODDI	73	19.090824	79.271644	10.44	IV	DONDLA	113	19.113043	79.330204	8.11	IV	LAXMIPUR
34	19.067095	79.266046	6.00	IV	ARJUNLODDI	74	19.089638	79.270834	5.08	IV	DONDLA	114	19.122379	79.321978	12.61	IV	LAXMIPUR
35	19.079288	79.259868	9.02	IV	ARJUNLODDI	75	19.087328	79.311031	7.94	IV	DONDLA	115	19.123186	79.321916	8.53	IV	LAXMIPUR
36	19.054283	79.307071	7.26	I	GATRAOPALLY	76	19.082770	79.286419	12.29	IV	DONDLA	116	19.113913	79.324180	9.54	IV	LAXMIPUR
37	19.072160	79.296573	5.20	II	GATRAOPALLY	77	19.084834	79.279889	9.77	IV	DONDLA	117	19.116087	79.322816	5.29	IV	LAXMIPUR
38	19.072688	79.295876	4.99	II	GATRAOPALLY	78	19.084908	79.300621	16.55	IV	DONDLA	118	19.119487	79.321865	7.66	IV	LAXMIPUR
39	19.060923	79.290398	14.36	II	GATRAOPALLY	79	19.087957	79.305442	5.98	IV	DONDLA	119	19.115256	79.322560	7.25	IV	LAXMIPUR
40	19.063499	79.289010	5.37	II	GATRAOPALLY	80	19.088742	79.307091	10.05	IV	DONDLA	120	19.111019	79.322604	11.37	IV	LAXMIPUR

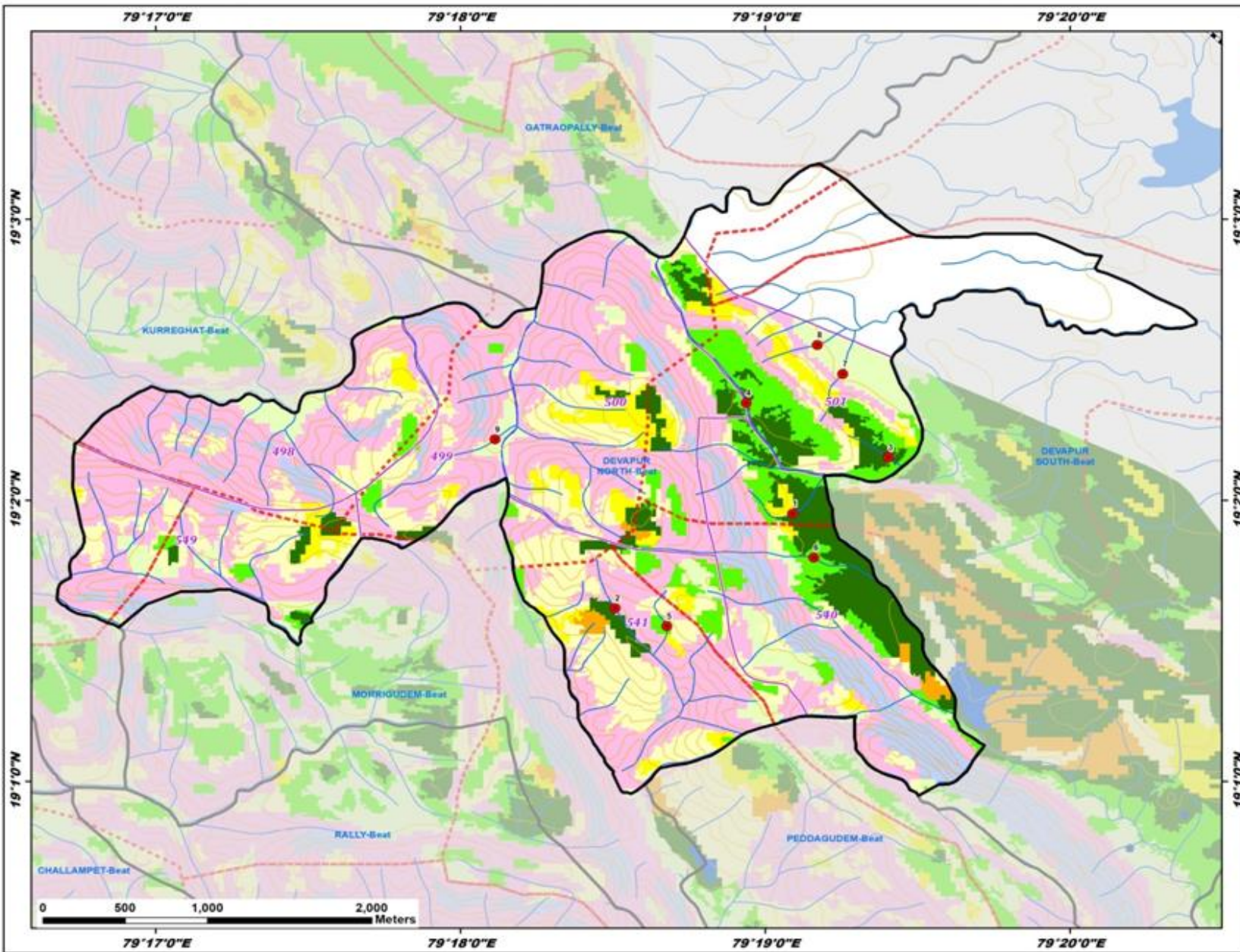
List of Proposed PTs – Devapur Range

ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat
121	19.132054	79.322155	7.22	IV	LAXMIPUR
122	19.112408	79.322862	9.44	IV	LAXMIPUR
123	19.105061	79.322924	8.03	IV	LAXMIPUR
124	19.107606	79.322648	5.64	IV	LAXMIPUR
125	19.106096	79.300165	9.00	II	SONAPUR
126	19.110811	79.294970	6.16	II	SONAPUR
127	19.107078	79.295301	10.45	IV	SONAPUR
128	19.113368	79.285426	6.54	IV	SONAPUR
129	19.104171	79.312634	6.11	IV	SONAPUR
130	19.106330	79.288600	5.62	IV	SONAPUR
131	19.093554	79.311780	8.32	IV	SONAPUR
132	19.095228	79.315164	6.70	IV	SONAPUR
133	19.105719	79.290689	7.17	IV	SONAPUR
134	19.092306	79.311307	19.35	IV	SONAPUR
135	19.109041	79.289748	5.67	IV	SONAPUR
136	19.112442	79.294741	8.13	IV	SONAPUR
137	19.098952	79.311959	8.67	IV	SONAPUR
138	19.118689	79.279719	8.49	IV	SONAPUR
139	19.109443	79.291236	25.20	V	SONAPUR

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



Division : Mancherial
Range : Devapur



ID	Latitude	Longitude	Catchment Area_ha	Priority
1	19.032551	79.318162	17.13	I
2	19.026933	79.308449	11.14	I
3	19.035889	79.323380	7.27	I
4	19.039107	79.315624	18.11	I
5	19.025871	79.311287	8.94	II
6	19.029943	79.319328	27.12	III
7	19.040826	79.320898	9.23	IV
8	19.042541	79.319508	8.57	IV
9	19.036947	79.301889	37.32	V

Legend

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

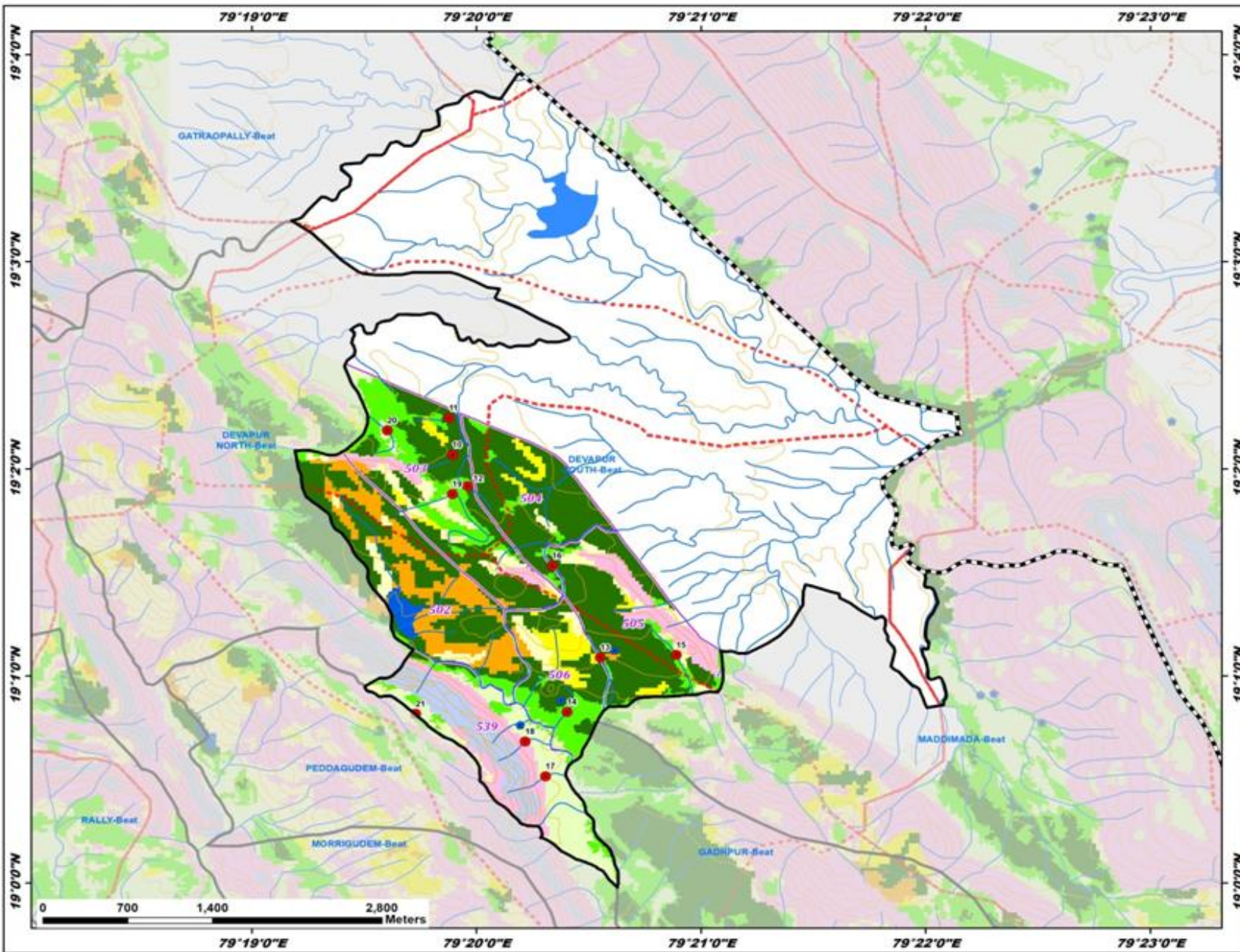
Suitability Index

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

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



Division : Mancherial
Range : Devapur



ID	Latitude	Longitude	Catchment Area_ha	Priority
10	19.034462	79.331553	15.32	I
11	19.037427	79.331311	9.50	I
12	19.031927	79.332692	9.43	I
13	19.018162	79.342551	9.13	I
14	19.013777	79.340065	13.78	II
15	19.018356	79.348175	5.93	II
16	19.025540	79.338954	25.81	II
17	19.008587	79.338475	7.11	IV
18	19.011396	79.336956	5.82	IV
19	19.031308	79.331562	17.32	IV
20	19.036422	79.326727	8.87	IV
21	19.013623	79.328838	8.93	IV

Legend

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

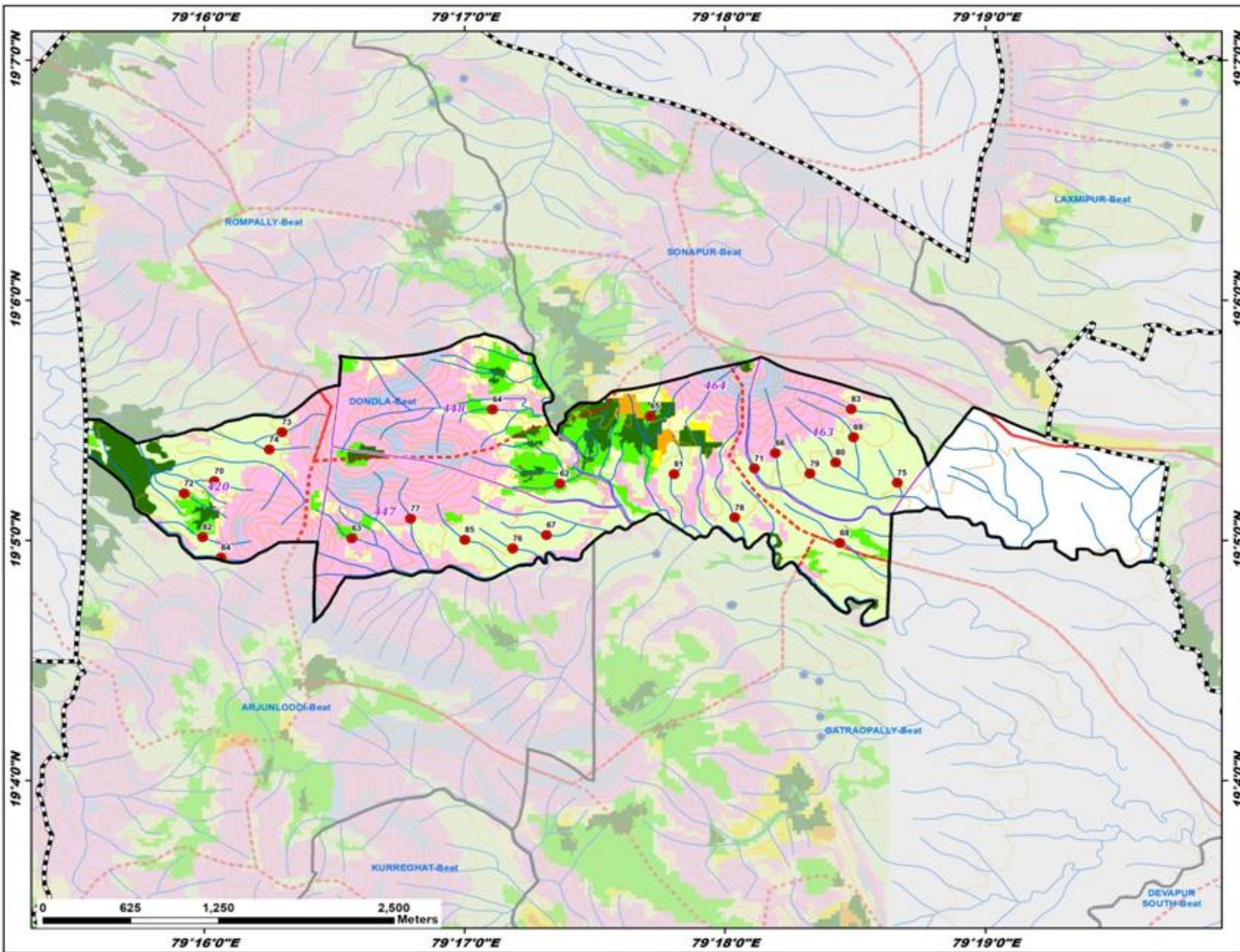
Suitability Index

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

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



Division : Mancherial
Range : Devapur



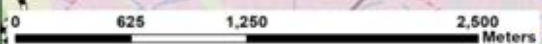
ID	Latitude	Longitude	Catchment Area_ha	Priority
62	19.087270	79.289437	6.60	II
63	19.083481	79.276117	8.60	II
64	19.092425	79.285119	5.68	II
65	19.091945	79.295213	20.97	II
66	19.089389	79.303227	7.79	IV
67	19.083703	79.288575	5.66	IV
68	19.083160	79.307342	9.21	IV
69	19.090485	79.308224	8.32	IV
70	19.087448	79.267318	5.47	IV
71	19.088322	79.301894	7.97	IV
72	19.086585	79.265389	5.16	IV
73	19.090824	79.271644	10.44	IV
74	19.089638	79.270834	5.08	IV
75	19.087328	79.311031	7.94	IV
76	19.082770	79.286419	12.29	IV
77	19.084834	79.279889	9.77	IV
78	19.084908	79.300621	16.55	IV
79	19.087957	79.305442	5.98	IV
80	19.088742	79.307091	10.05	IV
81	19.087922	79.296740	5.66	IV
82	19.083559	79.266569	7.13	IV
83	19.092444	79.308087	6.94	IV
84	19.082136	79.267746	5.58	IV
85	19.083377	79.283361	8.55	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



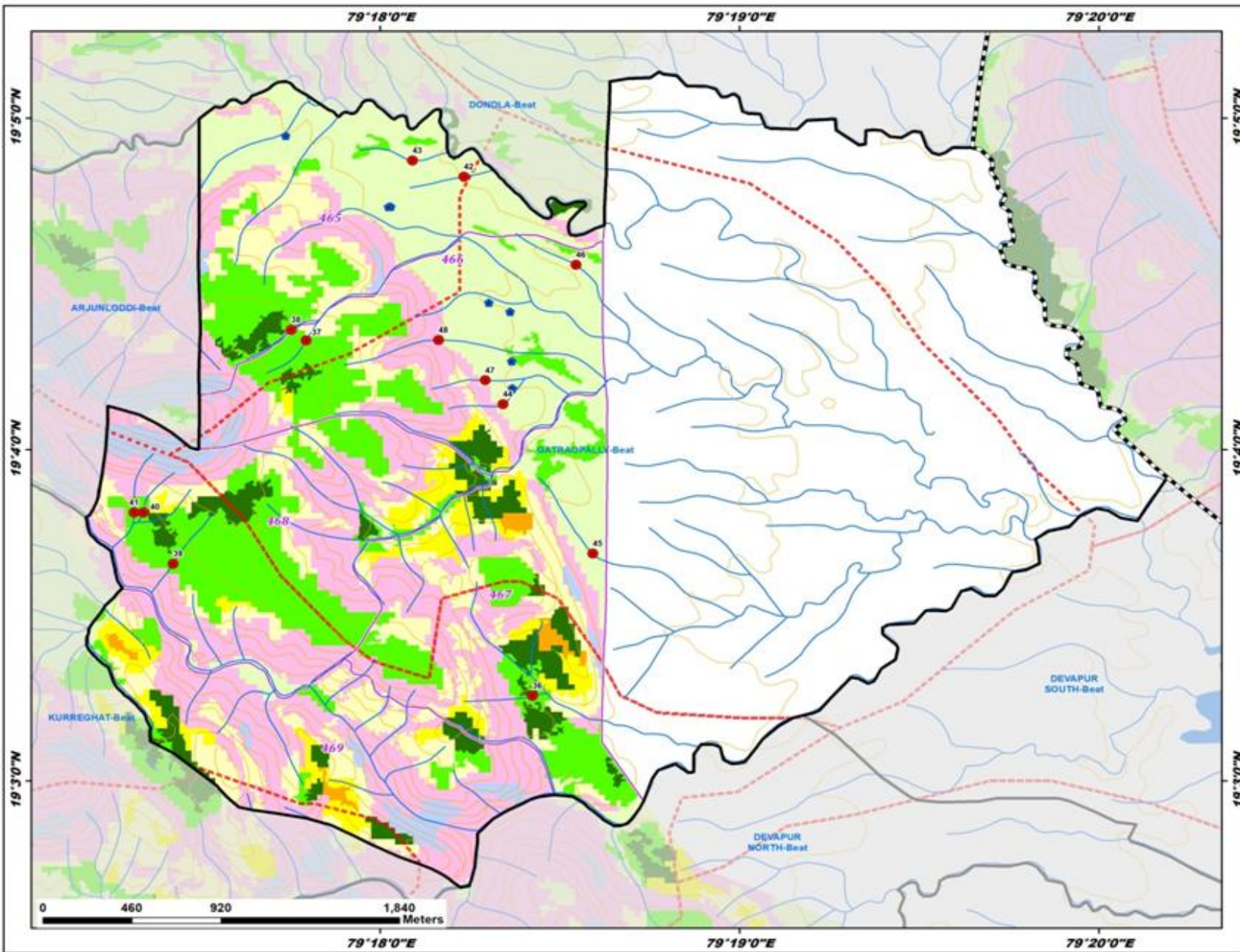
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19°70'0"N
19°60'0"N
19°50'0"N
19°40'0"N

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



Division : Mancherial
Range : Devapur



ID	Latitude	Longitude	Catchment Area_ha	Priority
36	19.054283	79.307071	7.26	I
37	19.072160	79.296573	5.20	II
38	19.072688	79.295876	4.99	II
39	19.060923	79.290398	14.36	II
40	19.063499	79.289010	5.37	II
41	19.063494	79.288591	7.92	II
42	19.080383	79.303888	6.01	IV
43	19.081195	79.301504	11.29	IV
44	19.068943	79.305690	4.63	IV
45	19.061435	79.309864	20.39	IV
46	19.075953	79.309087	8.17	IV
47	19.070145	79.304872	5.99	IV
48	19.072165	79.302705	21.10	IV

Legend

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

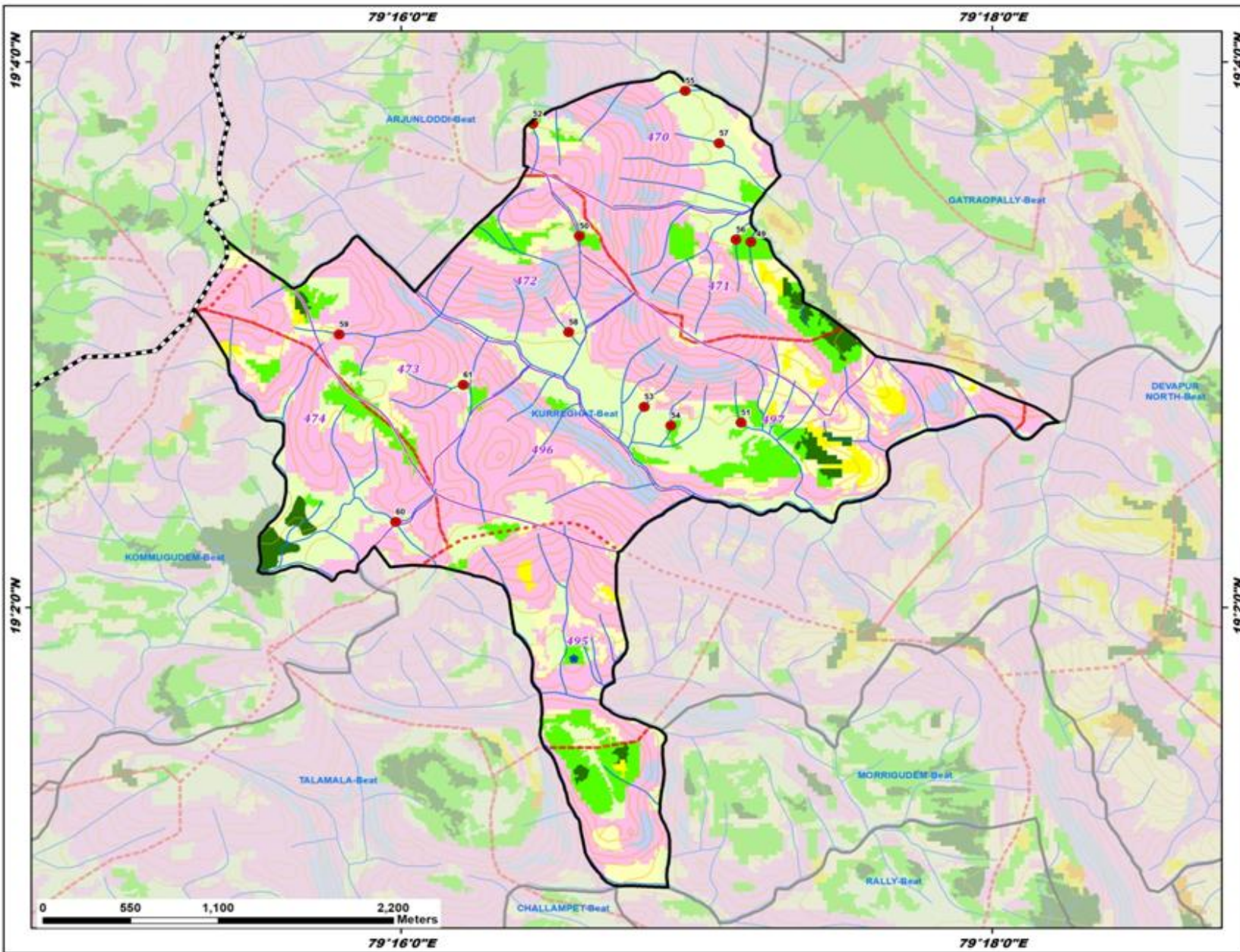
Suitability Index

- 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 Kurreghat Beat



Division : Mancherial
Range : Devapur



ID	Latitude	Longitude	Catchment Area_ha	Priority
49	19.055670	79.286392	10.71	II
50	19.056022	79.276741	8.11	II
51	19.044623	79.285834	6.23	II
52	19.062888	79.274105	6.18	II
53	19.045588	79.280381	5.94	IV
54	19.044445	79.281883	6.15	IV
55	19.064907	79.282696	12.47	IV
56	19.055815	79.285556	5.22	IV
57	19.061699	79.284611	7.05	IV
58	19.050148	79.276115	4.95	IV
59	19.050014	79.263186	10.47	IV
60	19.038554	79.266375	17.08	IV
61	19.046927	79.270184	20.32	IV

Legend

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

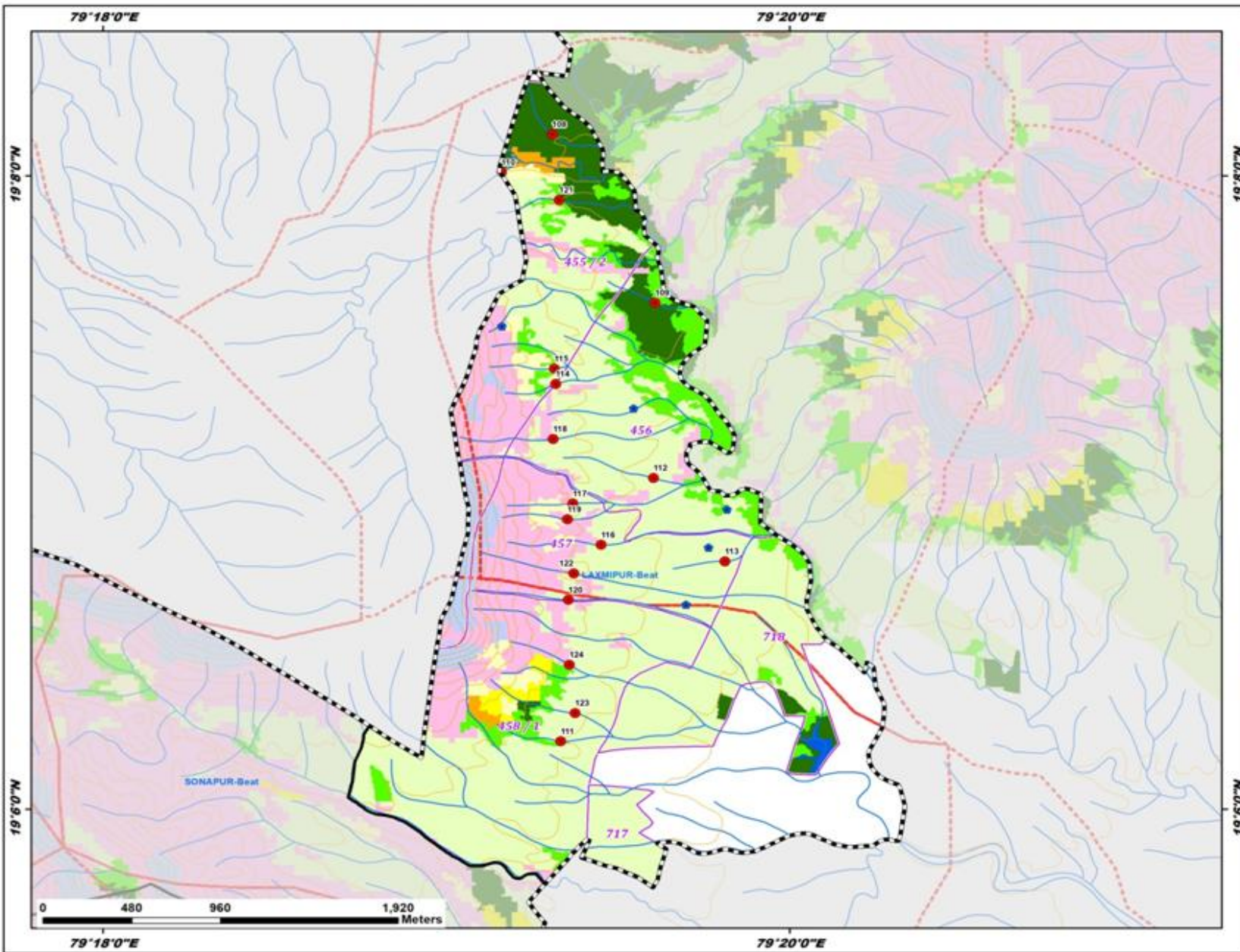
Suitability Index

- 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 Laxmipur Beat



Division : Mancherial
Range : Devapur



ID	Latitude	Longitude	Catchment Area_ha	Priority
108	19.135515	79.321813	9.90	I
109	19.126653	79.326805	6.58	I
110	19.133516	79.319343	7.84	I
111	19.103573	79.322227	8.22	II
112	19.117431	79.326723	8.58	IV
113	19.113043	79.330204	8.11	IV
114	19.122379	79.321978	12.61	IV
115	19.123186	79.321916	8.53	IV
116	19.113913	79.324180	9.54	IV
117	19.116087	79.322816	5.29	IV
118	19.119487	79.321865	7.66	IV
119	19.115256	79.322560	7.25	IV
120	19.111019	79.322604	11.37	IV
121	19.132054	79.322155	7.22	IV
122	19.112408	79.322862	9.44	IV
123	19.105061	79.322924	8.03	IV
124	19.107606	79.322648	5.64	IV

Legend

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

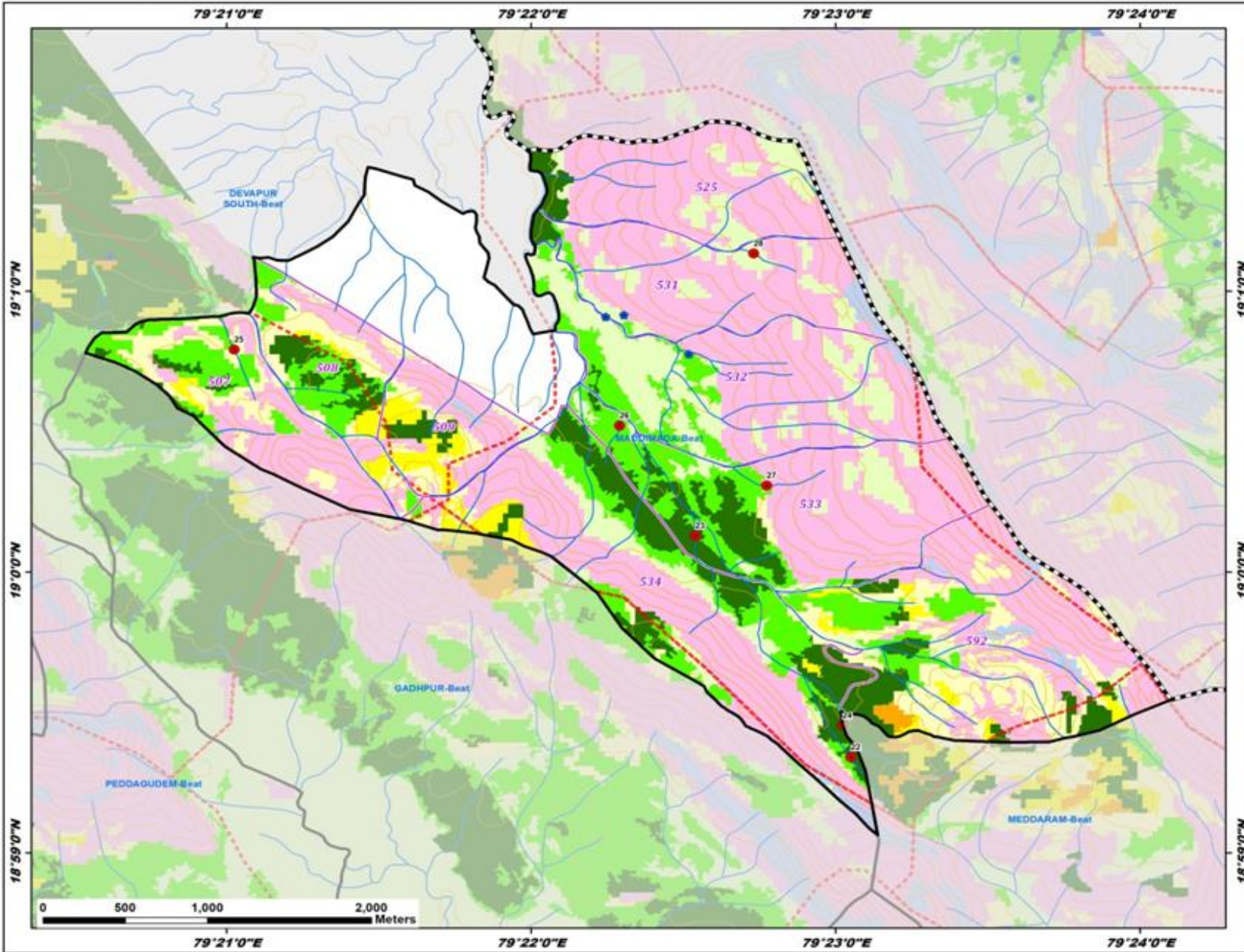
Suitability Index

- 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 Maddimada Beat



Division : Mancherial
Range : Devapur



ID	Latitude	Longitude	Catchment Area_ha	Priority
22	18.988993	79.384162	17.27	I
23	19.002139	79.375668	23.40	I
24	18.990891	79.383723	20.13	I
25	19.013203	79.350415	6.34	II
26	19.008683	79.371511	6.18	II
27	19.005125	79.379563	27.15	III
28	19.018904	79.378848	9.50	IV

Legend

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

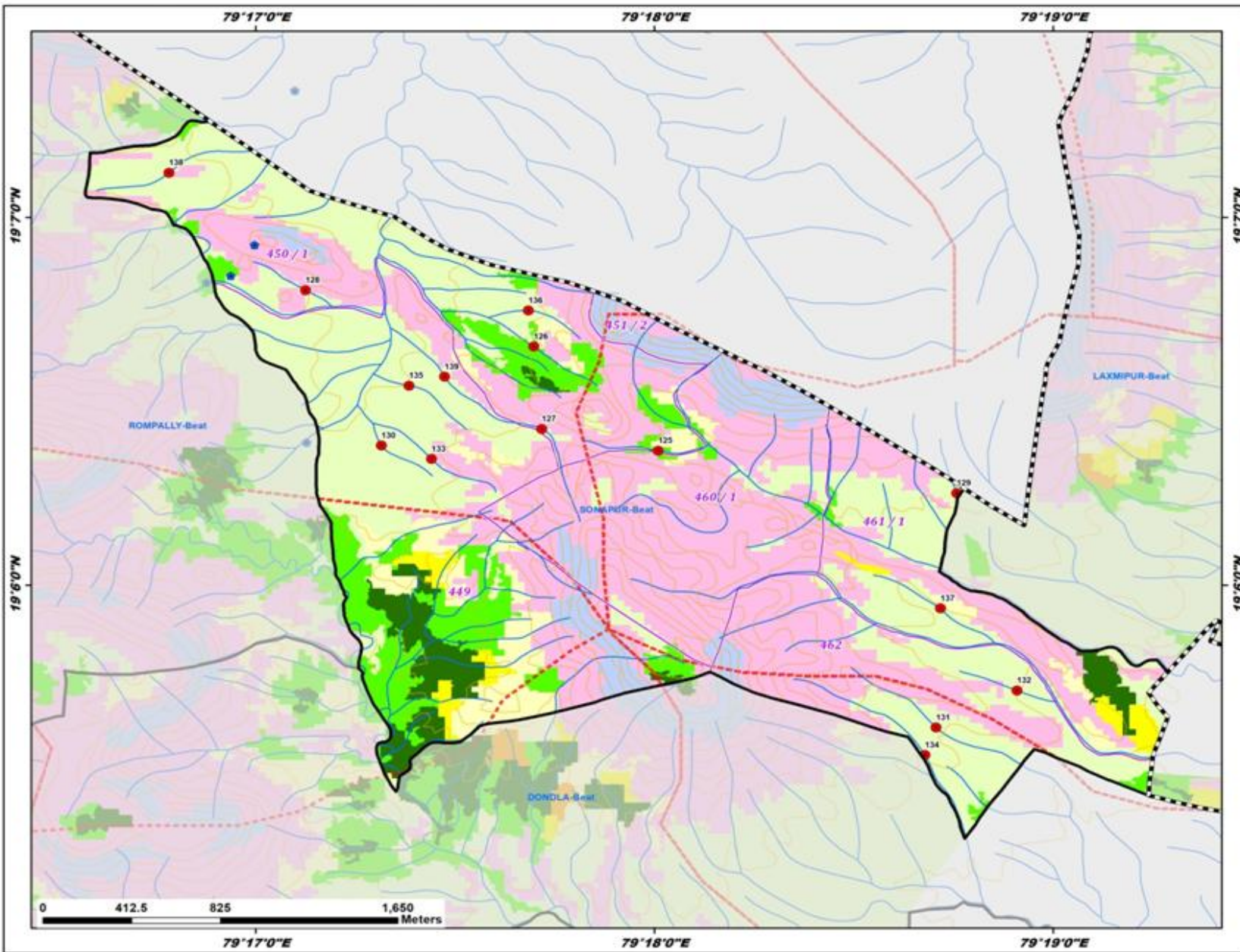
Suitability Index

- 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 Sonapur Beat



Division : Mancherial
Range : Devapur



ID	Latitude	Longitude	Catchment Area_ha	Priority
125	19.106096	79.300165	9.00	II
126	19.110811	79.294970	6.16	II
127	19.107078	79.295301	10.45	IV
128	19.113368	79.285426	6.54	IV
129	19.104171	79.312634	6.11	IV
130	19.106330	79.288600	5.62	IV
131	19.093554	79.311780	8.32	IV
132	19.095228	79.315164	6.70	IV
133	19.105719	79.290689	7.17	IV
134	19.092306	79.311307	19.35	IV
135	19.109041	79.289748	5.67	IV
136	19.112442	79.294741	8.13	IV
137	19.098952	79.311959	8.67	IV
138	19.118689	79.279719	8.49	IV
139	19.109443	79.291236	25.20	V

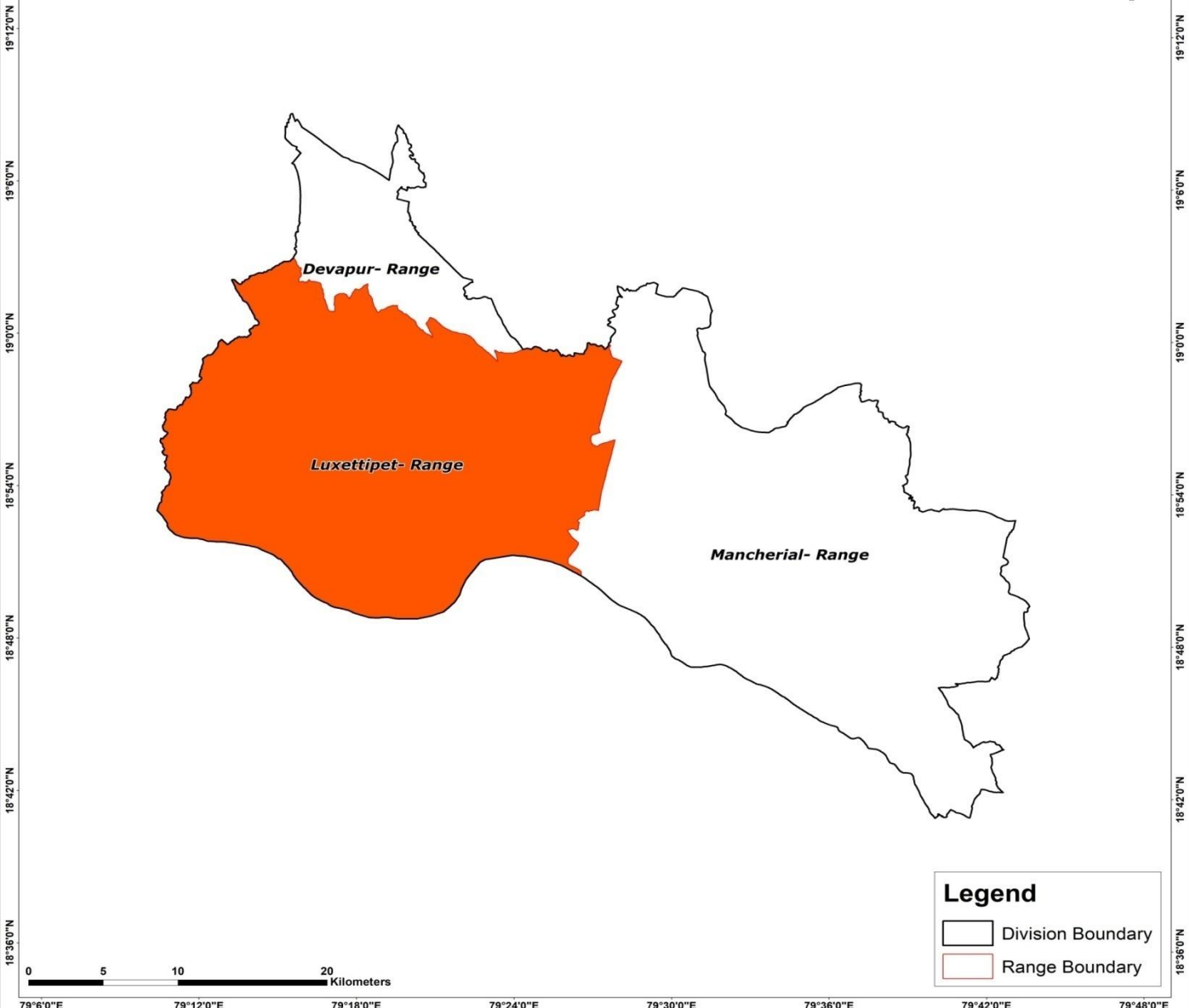
Legend

- 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

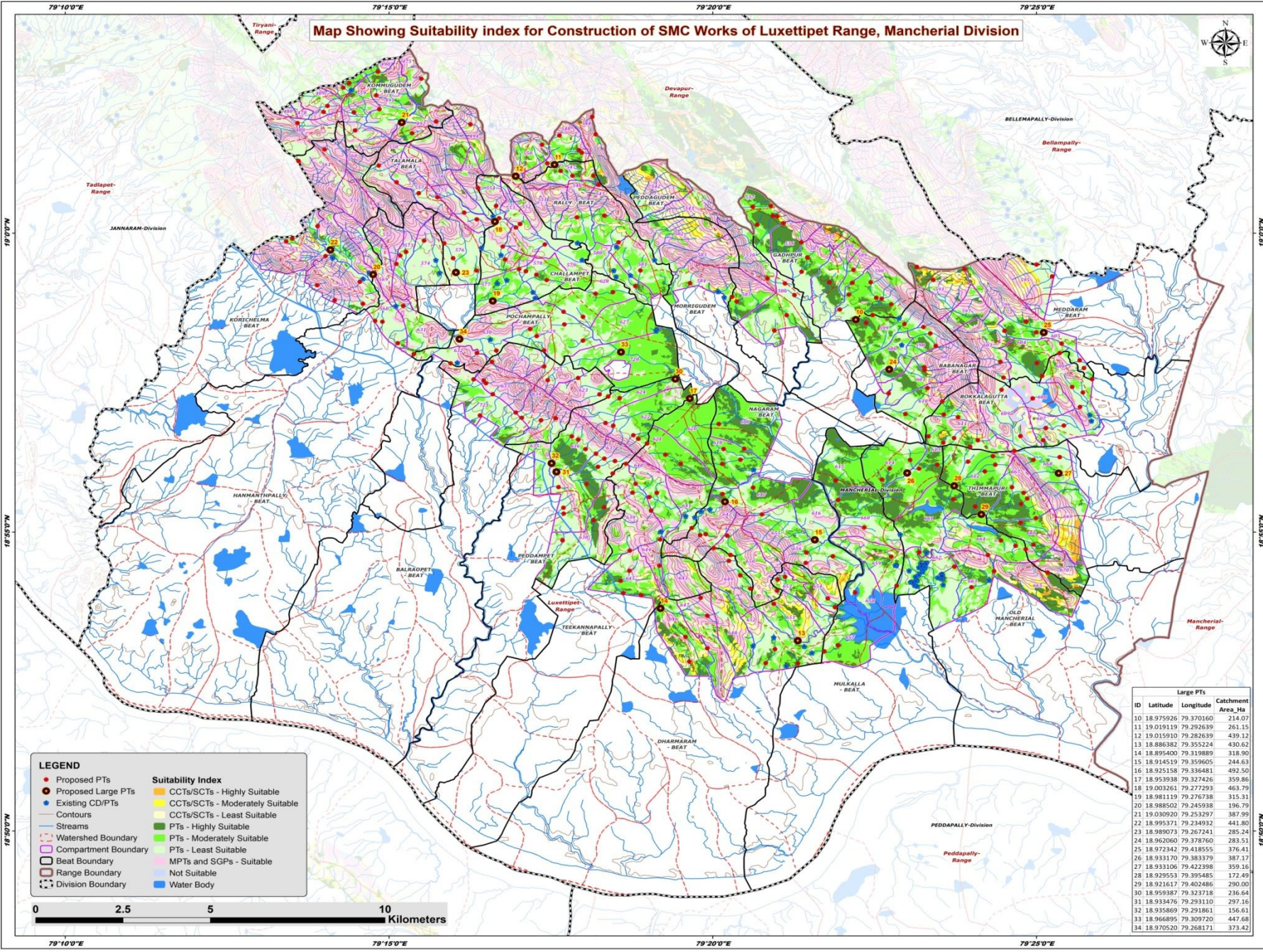
Map Showing Luxettipet Range in Mancherial Division



Legend

- Division Boundary
- Range Boundary

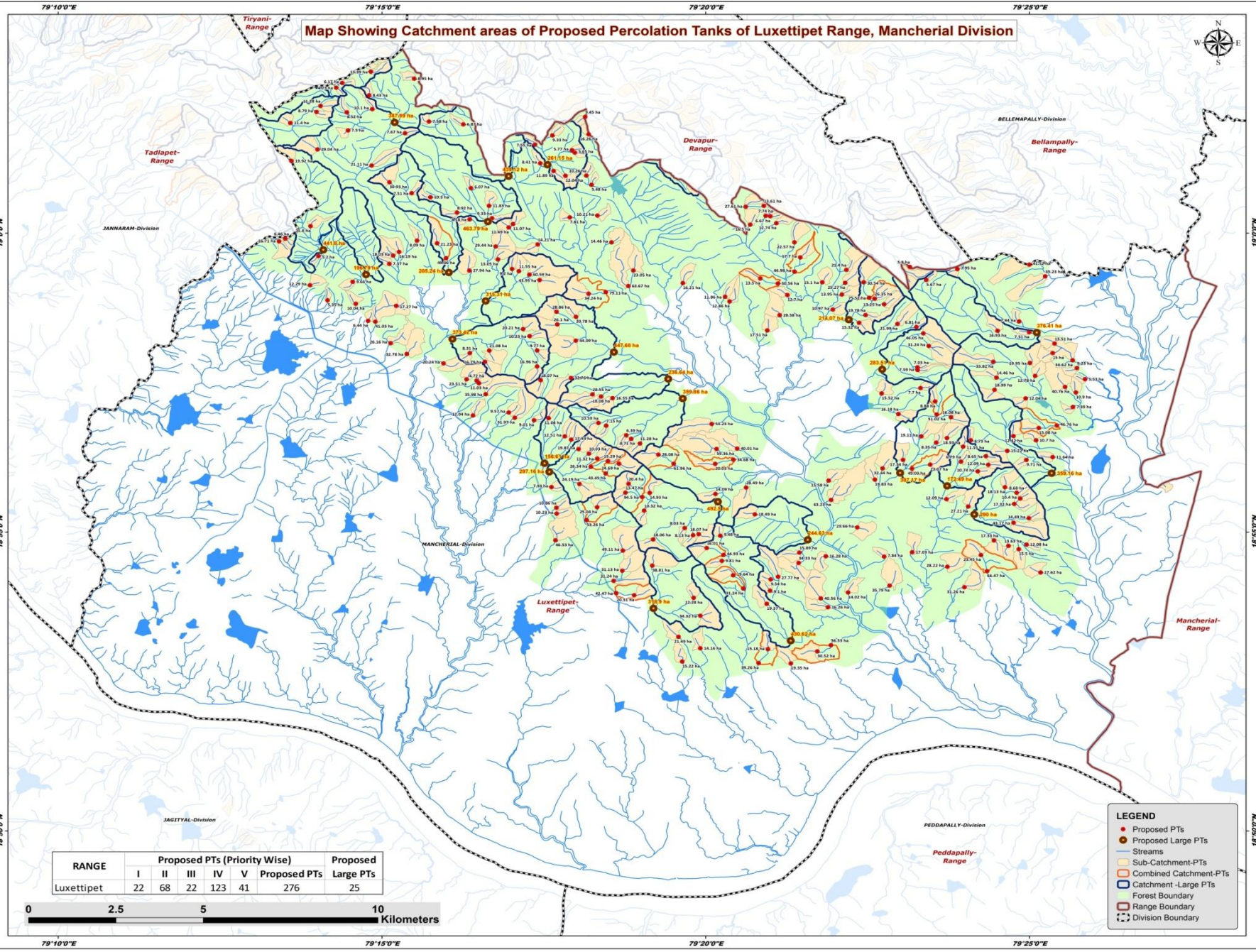
Map Showing Suitability index for Construction of SMC Works of Luxettipet Range, Mancheril Division



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

Large PTs			
ID	Latitude	Longitude	Catchment Area_Ha
10	18.975926	79.370160	214.07
11	19.019119	79.292839	261.15
12	19.015910	79.282639	439.12
13	18.886382	79.355224	430.62
14	18.895400	79.319889	318.90
15	18.914519	79.359605	244.63
16	18.925158	79.336881	492.50
17	18.953938	79.327426	359.86
18	19.003261	79.272293	463.79
19	19.981119	79.276738	315.31
20	18.988502	79.245938	196.79
21	19.030920	79.253297	387.99
22	18.995371	79.234932	441.80
23	18.989073	79.267241	285.24
24	18.962060	79.379160	283.51
25	18.972342	79.418555	376.41
26	18.933170	79.383379	387.17
27	18.933106	79.422398	359.16
28	18.929553	79.395485	172.49
29	18.921617	79.402486	290.00
30	18.959387	79.323718	236.64
31	18.933476	79.293110	297.16
32	18.935869	79.291861	156.61
33	18.964895	79.309720	447.68
34	18.970520	79.268171	373.42

Map Showing Catchment areas of Proposed Percolation Tanks of Luxettipet Range, Mancherial Division



RANGE	Proposed PTs (Priority Wise)					Proposed Large PTs
	I	II	III	IV	V	
Luxettipet	22	68	22	123	41	276

- 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 – Luxettipet Range

S. No.	Beat	Proposed PT's
1	BABANAGAR	11
2	BALRAOPET	14
3	BOKKALAGUTTA	17
4	CHALLAMPET	12
5	DHARMARAM	17
6	GADHPUR	19
7	HANMANTHPALLY	8
8	KOMMUGUEDEM	13
9	KORICHELMA	10
10	MEDDARAM	16
11	MORRIGUEDEM	8
12	MULKALLA	7
13	NAGARAM	17
14	OLD MANCHERIAL	14
15	PEDDAGUEDEM	7
16	PEDDAMPET	22
17	POCHAMPALLY	13
18	RALLY	9
19	TALAMALA	10
20	TEEKANNAPALLY	15
21	THIMMAPUR	17
	Total	276

List of Proposed PTs – Luxettipet 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
140	19.004734	79.349984	6.67	I	GADHPUR	180	18.997459	79.309113	14.46	IV	RALLY	220	18.911512	79.312020	49.11	III	TEEKANNAPALLY
141	19.002815	79.351524	12.74	I	GADHPUR	181	19.017369	79.294205	11.89	IV	RALLY	221	18.907339	79.319586	38.81	III	TEEKANNAPALLY
142	19.004887	79.348793	7.74	I	GADHPUR	182	18.989620	79.314723	23.05	IV	RALLY	222	18.938275	79.321169	28.08	III	TEEKANNAPALLY
143	18.986332	79.363356	15.10	I	GADHPUR	183	18.880062	79.355257	19.35	I	DHARMARAM	223	18.903067	79.309659	31.24	III	TEEKANNAPALLY
144	18.982914	79.368394	13.95	II	GADHPUR	184	18.912239	79.333613	16.01	II	DHARMARAM	224	18.914612	79.319830	18.06	IV	TEEKANNAPALLY
145	18.993260	79.357693	17.70	II	GADHPUR	185	18.887452	79.326329	21.49	II	DHARMARAM	225	18.927670	79.312691	13.47	IV	TEEKANNAPALLY
146	19.002409	79.344801	16.50	II	GADHPUR	186	18.880562	79.327298	15.22	II	DHARMARAM	226	18.930157	79.313507	20.40	IV	TEEKANNAPALLY
147	18.989808	79.369541	21.40	II	GADHPUR	187	18.903494	79.350083	9.54	II	DHARMARAM	227	18.941393	79.316432	11.28	IV	TEEKANNAPALLY
148	18.980204	79.379270	13.25	II	GADHPUR	188	18.904615	79.340436	19.64	II	DHARMARAM	228	18.905903	79.311894	31.13	V	TEEKANNAPALLY
149	18.977200	79.374486	19.78	II	GADHPUR	189	18.884261	79.331959	14.16	II	DHARMARAM	229	18.935740	79.325099	61.96	III	TEEKANNAPALLY
150	18.997481	79.356205	22.57	II	GADHPUR	190	18.893350	79.331948	34.32	III	DHARMARAM	230	18.899660	79.310321	42.47	III	TEEKANNAPALLY
151	18.986334	79.374007	30.54	III	GADHPUR	191	18.908671	79.337504	9.81	IV	DHARMARAM	231	18.926437	79.317010	94.50	V	TEEKANNAPALLY
152	18.986182	79.369246	25.27	III	GADHPUR	192	18.898358	79.330249	12.28	IV	DHARMARAM	232	18.986942	79.290611	43.95	III	CHALLAMPET
153	18.978722	79.366048	10.97	IV	GADHPUR	193	18.895714	79.364824	16.26	IV	DHARMARAM	233	18.988479	79.287972	60.59	IV	CHALLAMPET
154	19.007656	79.348299	13.61	IV	GADHPUR	194	18.896676	79.349075	19.37	IV	DHARMARAM	234	19.004191	79.278346	9.33	IV	CHALLAMPET
155	19.007399	79.343648	27.61	V	GADHPUR	195	18.884044	79.349357	15.18	IV	DHARMARAM	235	18.992724	79.279879	13.05	IV	CHALLAMPET
156	18.981742	79.376814	26.35	V	GADHPUR	196	18.898171	79.362970	40.56	V	DHARMARAM	236	18.990040	79.283507	9.20	IV	CHALLAMPET
157	18.989291	79.356231	46.98	V	GADHPUR	197	18.904216	79.351959	27.77	V	DHARMARAM	237	19.007639	79.277593	11.83	IV	CHALLAMPET
158	18.982039	79.375442	75.52	V	GADHPUR	198	18.900917	79.343019	31.24	V	DHARMARAM	238	18.996881	79.290135	14.21	IV	CHALLAMPET
159	19.023163	79.298925	5.77	II	MORRIGUEDEM	199	18.880158	79.346983	39.26	V	DHARMARAM	239	19.002582	79.283767	11.07	IV	CHALLAMPET
160	19.032459	79.302337	9.45	II	MORRIGUEDEM	200	18.927295	79.335886	14.09	I	NAGARAM	240	19.001635	79.282667	11.49	IV	CHALLAMPET
161	19.027593	79.303208	16.26	II	MORRIGUEDEM	201	18.916103	79.331552	18.07	II	NAGARAM	241	18.989436	79.285271	11.55	IV	CHALLAMPET
162	19.022474	79.299646	5.65	II	MORRIGUEDEM	202	18.909938	79.364289	16.28	II	NAGARAM	242	19.012600	79.272920	6.07	IV	CHALLAMPET
163	19.019516	79.290764	8.41	IV	MORRIGUEDEM	203	18.935690	79.335805	20.03	II	NAGARAM	243	18.996319	79.279313	29.44	V	CHALLAMPET
164	19.027297	79.293910	9.33	IV	MORRIGUEDEM	204	18.915668	79.337112	9.48	II	NAGARAM	244	18.975573	79.246456	6.44	II	HANMANTHPALLY
165	19.024701	79.289398	7.55	IV	MORRIGUEDEM	205	18.900345	79.349926	9.10	II	NAGARAM	245	18.994796	79.254426	16.19	II	HANMANTHPALLY
166	18.986086	79.327460	16.21	IV	MORRIGUEDEM	206	18.929076	79.343737	28.49	III	NAGARAM	246	18.993766	79.252927	18.03	IV	HANMANTHPALLY
167	18.982298	79.338346	11.86	II	PEDDAGUEDEM	207	18.939957	79.341466	40.01	III	NAGARAM	247	18.979757	79.253700	17.27	IV	HANMANTHPALLY
168	18.980979	79.339498	12.86	II	PEDDAGUEDEM	208	18.921622	79.346015	18.49	IV	NAGARAM	248	18.991483	79.251932	7.37	IV	HANMANTHPALLY
169	18.987416	79.347422	13.50	II	PEDDAGUEDEM	209	18.917828	79.327950	8.03	IV	NAGARAM	249	18.997947	79.259062	8.09	IV	HANMANTHPALLY
170	18.972923	79.349201	17.51	IV	PEDDAGUEDEM	210	18.946844	79.334916	53.23	IV	NAGARAM	250	18.969338	79.252275	26.16	V	HANMANTHPALLY
171	18.982763	79.354371	12.70	IV	PEDDAGUEDEM	211	18.910961	79.357472	15.89	IV	NAGARAM	251	18.975352	79.248325	41.03	V	HANMANTHPALLY
172	18.977148	79.352394	28.58	V	PEDDAGUEDEM	212	18.915826	79.330127	8.13	IV	NAGARAM	252	19.045065	79.247173	13.39	I	KOMMUGUEDEM
173	18.986005	79.351934	30.56	V	PEDDAGUEDEM	213	18.939841	79.336150	59.36	IV	NAGARAM	253	19.041911	79.239806	6.17	II	KOMMUGUEDEM
174	19.013512	79.303955	5.48	I	RALLY	214	18.908079	79.357294	34.33	V	NAGARAM	254	19.040630	79.238264	4.73	II	KOMMUGUEDEM
175	19.004958	79.305467	10.21	II	RALLY	215	18.936862	79.340495	34.68	III	NAGARAM	255	19.034628	79.247535	10.10	IV	KOMMUGUEDEM
176	19.016076	79.302628	10.26	II	RALLY	216	18.910319	79.337913	44.93	III	NAGARAM	256	19.030750	79.226474	11.40	IV	KOMMUGUEDEM
177	19.004443	79.298387	7.81	II	RALLY	217	18.899075	79.314948	20.31	I	TEEKANNAPALLY	257	19.028703	79.241288	7.50	IV	KOMMUGUEDEM
178	18.985286	79.313417	63.67	IV	RALLY	218	18.922664	79.317513	10.32	II	TEEKANNAPALLY	258	19.031170	79.262130	7.58	IV	KOMMUGUEDEM
179	19.016035	79.297238	12.04	IV	RALLY	219	18.927601	79.318943	14.93	II	TEEKANNAPALLY	259	19.035503	79.234198	11.28	IV	KOMMUGUEDEM

List of Proposed PTs – Luxettipet 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
260	19.038466	79.246709	8.43	IV	KOMMUGUDEM	300	18.951576	79.427877	7.39	IV	BOKKALAGUTTA	340	18.910289	79.404194	23.45	II	OLD MANCHERIAL
261	19.033743	79.240978	8.52	IV	KOMMUGUDEM	301	18.942876	79.395449	18.93	IV	BOKKALAGUTTA	341	18.936800	79.384148	17.34	II	OLD MANCHERIAL
262	19.033817	79.233165	8.79	IV	KOMMUGUDEM	302	18.940492	79.399609	11.55	IV	BOKKALAGUTTA	342	18.911057	79.386495	17.03	II	OLD MANCHERIAL
263	19.027906	79.255965	7.67	IV	KOMMUGUDEM	303	18.943436	79.412549	12.42	IV	BOKKALAGUTTA	343	18.934436	79.378862	32.44	III	OLD MANCHERIAL
264	19.043101	79.258323	8.95	IV	KOMMUGUDEM	304	18.942267	79.418366	10.70	IV	BOKKALAGUTTA	344	18.901740	79.380680	35.79	III	OLD MANCHERIAL
265	18.985520	79.231499	12.29	IV	KORICHELMA	305	18.955610	79.428613	10.90	IV	BOKKALAGUTTA	345	18.912858	79.411272	13.63	IV	OLD MANCHERIAL
266	19.002008	79.231637	11.80	IV	KORICHELMA	306	18.948713	79.396479	16.08	IV	BOKKALAGUTTA	346	18.901300	79.399928	31.26	V	OLD MANCHERIAL
267	18.981320	79.236038	5.35	IV	KORICHELMA	307	18.942283	79.401595	6.73	IV	BOKKALAGUTTA	347	18.907026	79.395557	28.22	V	OLD MANCHERIAL
268	18.998509	79.225143	6.46	IV	KORICHELMA	308	18.941635	79.392665	8.35	IV	BOKKALAGUTTA	348	18.905771	79.405772	66.47	IV	OLD MANCHERIAL
269	18.993630	79.233693	5.20	IV	KORICHELMA	309	18.953949	79.415721	12.04	IV	BOKKALAGUTTA	349	18.934349	79.386439	45.03	V	OLD MANCHERIAL
270	18.980331	79.243294	10.04	IV	KORICHELMA	310	18.957149	79.425847	40.76	V	BOKKALAGUTTA	350	18.933617	79.403355	10.74	II	THIMMAPUR
271	19.020147	79.226743	19.92	IV	KORICHELMA	311	18.949478	79.392822	51.02	III	BOKKALAGUTTA	351	18.911927	79.413937	15.50	II	THIMMAPUR
272	18.997754	79.223539	16.71	IV	KORICHELMA	312	18.946376	79.423725	46.76	V	BOKKALAGUTTA	352	18.920543	79.416514	14.49	II	THIMMAPUR
273	18.986469	79.242509	9.66	IV	KORICHELMA	313	18.975394	79.414012	7.44	I	MEDDARAM	353	18.936799	79.415867	9.71	II	THIMMAPUR
274	19.023386	79.233462	29.04	V	KORICHELMA	314	18.960245	79.418122	12.78	I	MEDDARAM	354	18.935442	79.406078	12.09	II	THIMMAPUR
275	18.989600	79.272562	27.94	III	TALAMALA	315	18.990618	79.385881	5.80	I	MEDDARAM	355	18.923807	79.400906	27.21	II	THIMMAPUR
276	19.030385	79.270974	6.87	IV	TALAMALA	316	18.989998	79.398145	7.95	I	MEDDARAM	356	18.929194	79.410367	18.13	II	THIMMAPUR
277	19.011198	79.257693	7.51	IV	TALAMALA	317	18.963826	79.416799	19.95	I	MEDDARAM	357	18.926047	79.414286	10.40	II	THIMMAPUR
278	19.003878	79.272633	8.18	IV	TALAMALA	318	18.972394	79.416616	7.31	II	MEDDARAM	358	18.924538	79.412742	17.32	II	THIMMAPUR
279	19.010056	79.262514	10.30	IV	TALAMALA	319	18.959755	79.408195	14.46	II	MEDDARAM	359	18.905423	79.419537	17.62	II	THIMMAPUR
280	19.005751	79.269372	8.92	IV	TALAMALA	320	18.972804	79.408466	16.93	II	MEDDARAM	360	18.937846	79.405473	8.65	II	THIMMAPUR
281	19.018901	79.247360	21.11	IV	TALAMALA	321	18.962428	79.428908	9.23	IV	MEDDARAM	361	18.913191	79.415903	12.08	II	THIMMAPUR
282	18.997193	79.264207	21.23	IV	TALAMALA	322	18.986990	79.390097	5.67	IV	MEDDARAM	362	18.919268	79.412583	43.17	II	THIMMAPUR
283	19.014228	79.251949	30.93	V	TALAMALA	323	18.969226	79.423144	13.51	IV	MEDDARAM	363	18.927661	79.413382	8.68	IV	THIMMAPUR
284	18.993041	79.266526	49.06	V	TALAMALA	324	18.966609	79.422652	15.00	IV	MEDDARAM	364	18.937573	79.422673	11.64	IV	THIMMAPUR
285	18.975024	79.372838	15.32	I	BABANAGAR	325	18.964595	79.427800	34.62	V	MEDDARAM	365	18.939331	79.410990	15.22	IV	THIMMAPUR
286	18.961864	79.387873	7.59	I	BABANAGAR	326	18.987976	79.420757	39.23	V	MEDDARAM	366	18.936310	79.399053	6.79	IV	THIMMAPUR
287	18.956853	79.388643	7.70	I	BABANAGAR	327	18.964163	79.407373	33.82	V	MEDDARAM	367	18.959262	79.271810	23.51	IV	BALRAOPET
288	18.962627	79.387845	7.03	I	BABANAGAR	328	18.991258	79.416652	41.52	V	MEDDARAM	368	18.959020	79.290873	18.07	IV	BALRAOPET
289	18.953101	79.392401	8.88	II	BABANAGAR	329	18.899834	79.370003	14.02	I	MULKALLA	369	18.949211	79.273436	12.04	IV	BALRAOPET
290	18.949624	79.382949	16.18	II	BABANAGAR	330	18.931039	79.364978	15.58	II	MULKALLA	370	18.958182	79.274994	11.03	IV	BALRAOPET
291	18.968588	79.390758	31.24	III	BABANAGAR	331	18.909835	79.379291	7.84	II	MULKALLA	371	18.947865	79.289158	9.01	IV	BALRAOPET
292	18.973874	79.387574	6.81	IV	BABANAGAR	332	18.925610	79.365606	63.23	III	MULKALLA	372	18.958939	79.274412	4.72	IV	BALRAOPET
293	18.974716	79.382719	21.99	IV	BABANAGAR	333	18.883419	79.362078	30.52	III	MULKALLA	373	18.964183	79.276515	16.79	IV	BALRAOPET
294	18.955334	79.378620	15.52	IV	BABANAGAR	334	18.917978	79.372368	23.66	IV	MULKALLA	374	18.950016	79.282658	9.57	IV	BALRAOPET
295	18.972094	79.389351	46.05	V	BABANAGAR	335	18.885136	79.365588	56.53	IV	MULKALLA	375	18.948446	79.292918	11.08	IV	BALRAOPET
296	18.943390	79.388831	19.11	II	BOKKALAGUTTA	336	18.925873	79.395330	12.09	I	OLD MANCHERIAL	376	18.962854	79.289945	16.96	IV	BALRAOPET
297	18.959302	79.430983	5.53	II	BOKKALAGUTTA	337	18.935488	79.391142	23.07	I	OLD MANCHERIAL	377	18.948564	79.284215	31.97	V	BALRAOPET
298	18.956356	79.407693	18.99	IV	BOKKALAGUTTA	338	18.931324	79.376889	19.83	II	OLD MANCHERIAL	378	18.955086	79.304202	28.55	V	BALRAOPET
299	18.945691	79.419098	15.08	IV	BOKKALAGUTTA	339	18.914364	79.407535	17.33	II	OLD MANCHERIAL	379	18.959657	79.298705	32.76	V	BALRAOPET

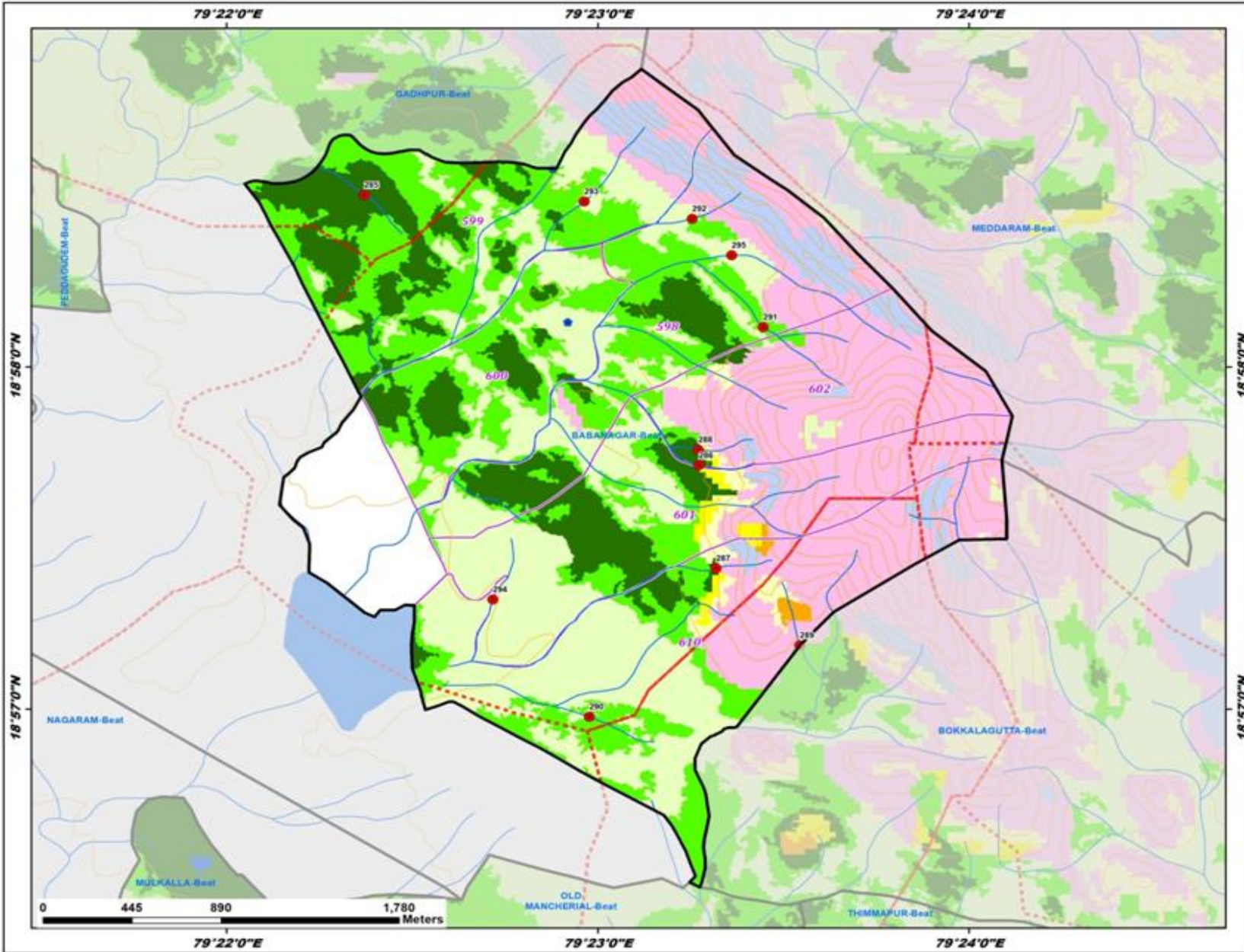
List of Proposed PTs – Luxettipet Range

ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat
380	18.955121	79.276716	35.98	V	BALRAOPET
381	18.930076	79.300843	24.19	I	PEDDAMPET
382	18.921833	79.294991	10.23	II	PEDDAMPET
383	18.923612	79.305395	25.04	II	PEDDAMPET
384	18.954014	79.309400	16.55	II	PEDDAMPET
385	18.942675	79.314171	8.71	II	PEDDAMPET
386	18.954465	79.306435	18.08	IV	PEDDAMPET
387	18.935748	79.311025	24.69	IV	PEDDAMPET
388	18.943691	79.312915	6.39	IV	PEDDAMPET
389	18.929209	79.293669	7.93	IV	PEDDAMPET
390	18.942455	79.298735	17.93	IV	PEDDAMPET
391	18.937185	79.305434	11.32	IV	PEDDAMPET
392	18.939806	79.300602	19.87	IV	PEDDAMPET
393	18.936476	79.308194	15.29	IV	PEDDAMPET
394	18.946342	79.307731	7.15	IV	PEDDAMPET
395	18.923456	79.294923	10.86	IV	PEDDAMPET
396	18.943372	79.297100	12.51	IV	PEDDAMPET
397	18.938546	79.303275	10.03	IV	PEDDAMPET
398	18.947114	79.305755	10.59	IV	PEDDAMPET
399	18.914380	79.294690	46.53	V	PEDDAMPET
400	18.920005	79.302701	53.26	III	PEDDAMPET
401	18.933011	79.307619	43.45	V	PEDDAMPET
402	18.934891	79.303804	26.34	V	PEDDAMPET
403	18.976707	79.299969	20.78	II	POCHAMPALLY
404	18.973289	79.286355	20.21	II	POCHAMPALLY
405	18.971338	79.288046	10.23	II	POCHAMPALLY
406	18.966595	79.272656	8.31	IV	POCHAMPALLY
407	18.963730	79.265872	20.24	IV	POCHAMPALLY
408	18.967338	79.289973	9.77	IV	POCHAMPALLY
409	18.967295	79.277657	21.08	IV	POCHAMPALLY
410	18.974598	79.295174	26.10	V	POCHAMPALLY
411	18.978101	79.294954	28.86	V	POCHAMPALLY
412	18.966343	79.256414	32.78	V	POCHAMPALLY
413	18.970064	79.299923	44.09	V	POCHAMPALLY
414	18.983139	79.303223	34.24	V	POCHAMPALLY
415	18.983593	79.307647	79.11	IV	POCHAMPALLY

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



Division : Mancherial
Range : Luxettipet



ID	Latitude	Longitude	Catchment Area_ha	Priority
285	18.975024	79.372838	15.32	I
286	18.961864	79.387873	7.59	I
287	18.956853	79.388643	7.70	I
288	18.962627	79.387845	7.03	I
289	18.953101	79.392401	8.88	II
290	18.949624	79.382949	16.18	II
291	18.968588	79.390758	31.24	III
292	18.973874	79.387574	6.81	IV
293	18.974716	79.382719	21.99	IV
294	18.955334	79.378620	15.52	IV
295	18.972094	79.389351	46.05	V

Legend

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

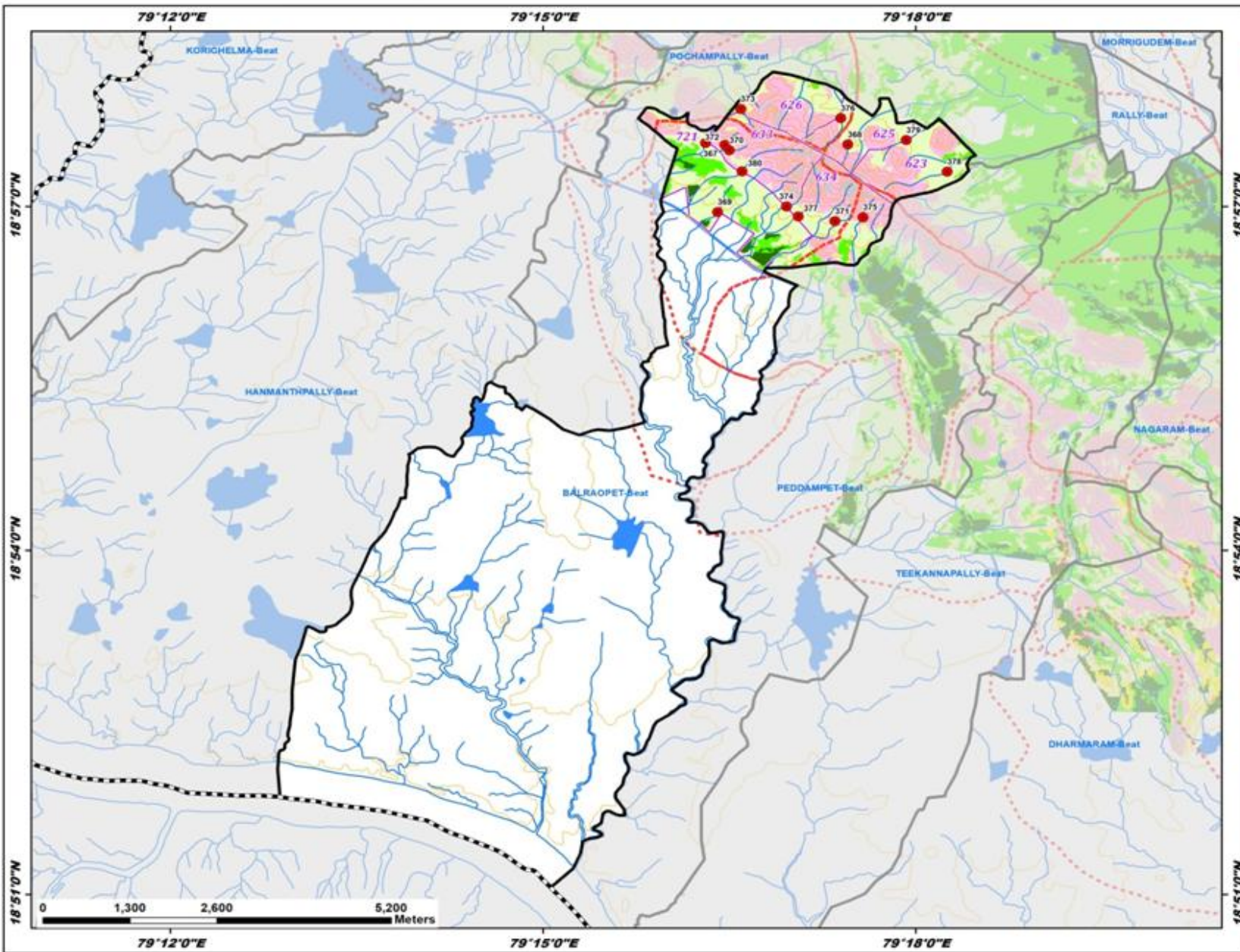
Suitability Index

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

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



Division : Mancherial
Range : Luxettipet



ID	Latitude	Longitude	Catchment Area_ha	Priority
367	18.959262	79.271830	23.51	IV
368	18.959020	79.290873	18.07	IV
369	18.949211	79.273436	12.04	IV
370	18.958182	79.274994	11.03	IV
371	18.947865	79.289158	9.01	IV
372	18.958939	79.274412	4.72	IV
373	18.964183	79.276515	16.79	IV
374	18.950016	79.282658	9.57	IV
375	18.948446	79.292918	11.08	IV
376	18.962854	79.289945	16.96	IV
377	18.948564	79.284215	31.97	V
378	18.955086	79.304202	28.55	V
379	18.959657	79.298705	32.76	V
380	18.955121	79.276716	35.98	V

Legend

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

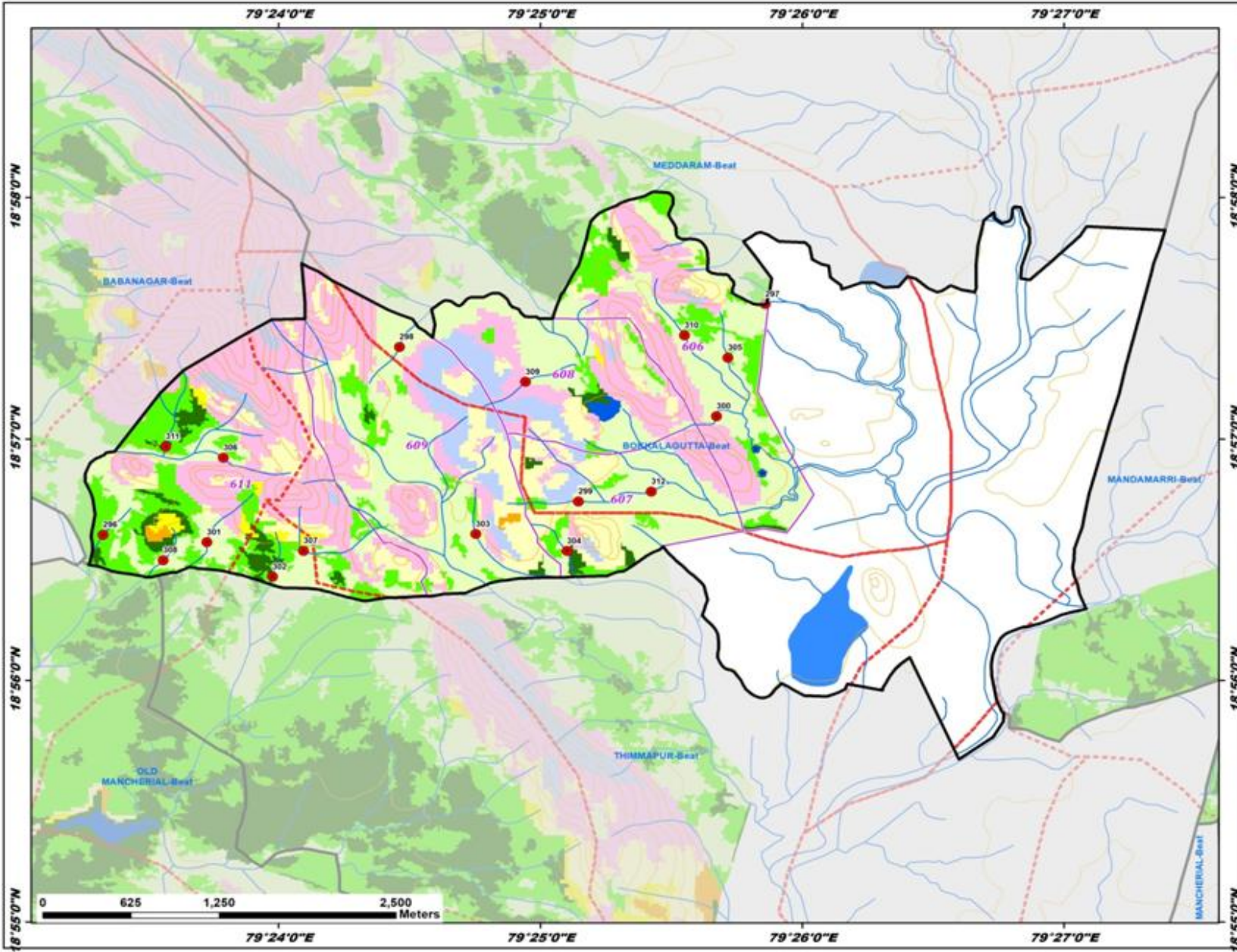
Suitability Index

- 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 Bokkalagutta Beat



Division : Mancherial
Range : Luxettipet



ID	Latitude	Longitude	Catchment Area_ha	Priority
296	18.943390	79.388831	19.11	II
297	18.959302	79.430983	5.53	II
298	18.956356	79.407693	18.99	IV
299	18.945691	79.419098	15.08	IV
300	18.951576	79.427877	7.39	IV
301	18.942876	79.395449	18.93	IV
302	18.940492	79.399609	11.55	IV
303	18.943436	79.412549	12.42	IV
304	18.942267	79.418366	10.70	IV
305	18.955610	79.428613	10.90	IV
306	18.948713	79.396479	16.08	IV
307	18.942283	79.401595	6.73	IV
308	18.941635	79.392665	8.35	IV
309	18.953949	79.415721	12.04	IV
310	18.957149	79.425847	40.76	V
311	18.949478	79.392822	51.02	III
312	18.946376	79.423725	46.76	V

Legend

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

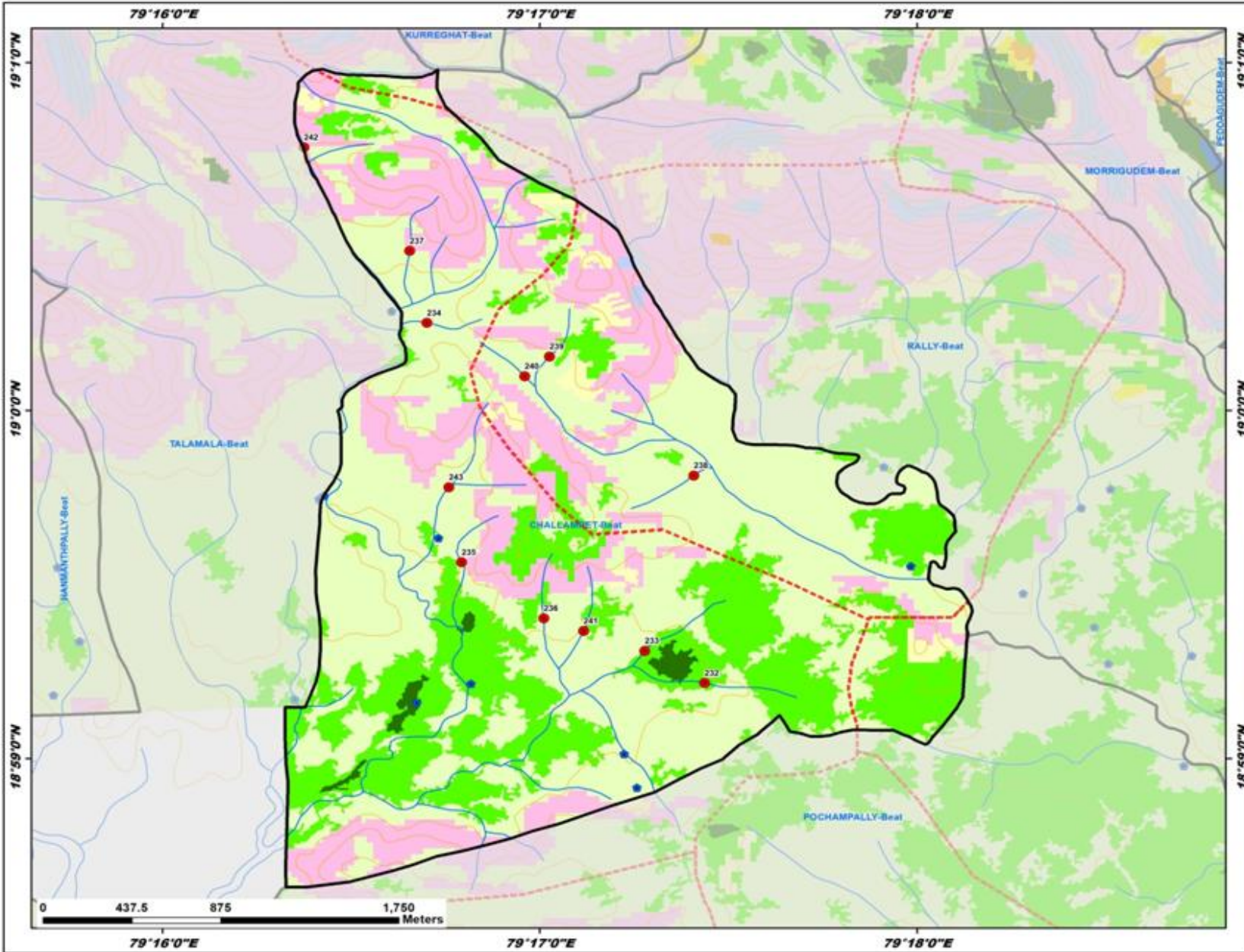
Suitability Index

- 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 Challampet Beat



Division : Mancherial
Range : Luxettipet



ID	Latitude	Longitude	Catchment Area_ha	Priority
232	18.986942	79.290611	43.95	III
233	18.988479	79.287972	60.59	IV
234	19.004191	79.278346	9.33	IV
235	18.992724	79.279879	13.05	IV
236	18.990040	79.283507	9.20	IV
237	19.007639	79.277593	11.83	IV
238	18.996881	79.290135	14.21	IV
239	19.002582	79.283767	11.07	IV
240	19.001635	79.282667	11.49	IV
241	18.989436	79.285271	11.55	IV
242	19.012600	79.272920	6.07	IV
243	18.996319	79.279313	29.44	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



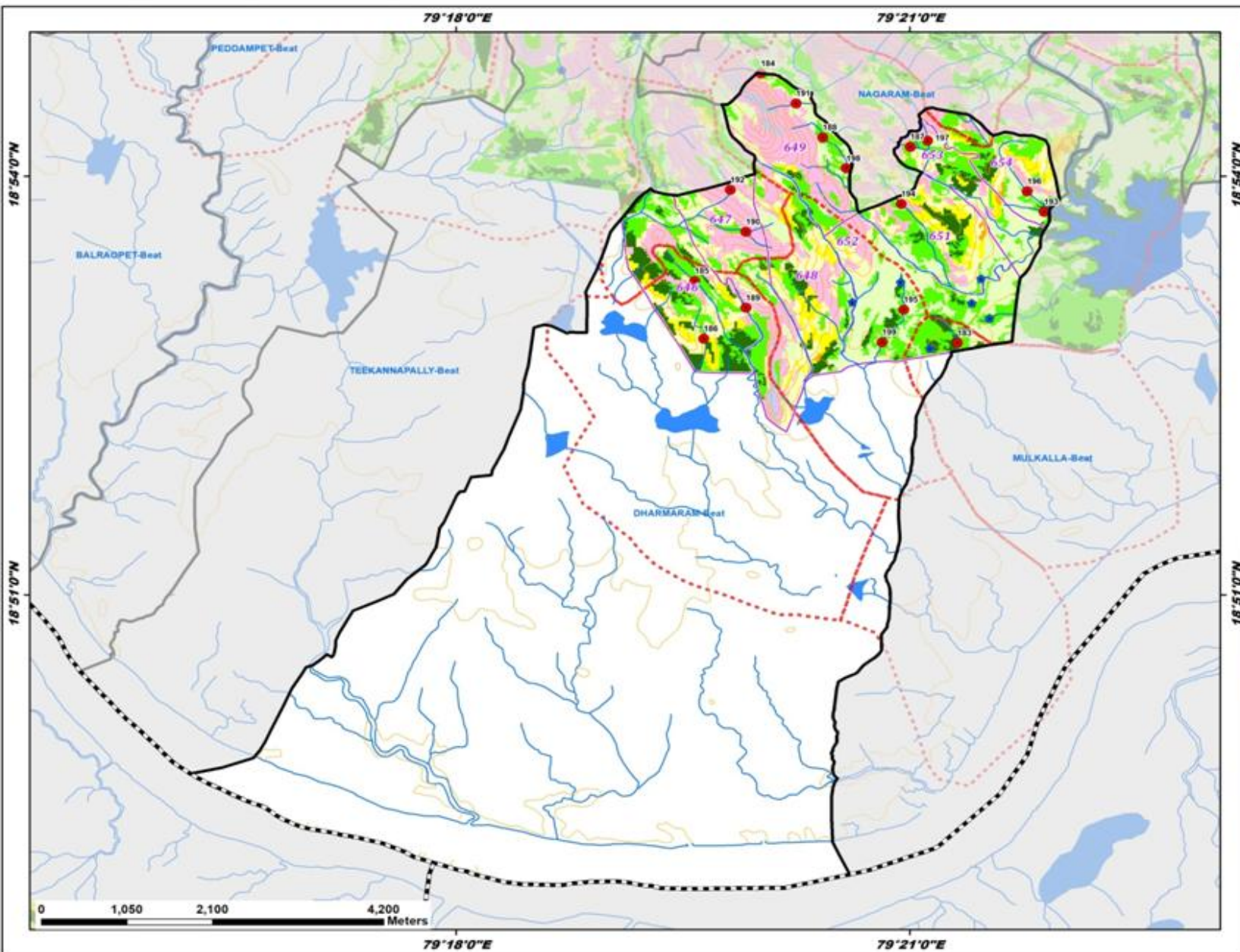
79°16'0"E 79°17'0"E 79°18'0"E

19°10'N
19°0'N
18°59'0"N

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



Division : Mancherial
Range : Luxettipet



ID	Latitude	Longitude	Catchment Area_ha	Priority
183	18.880062	79.355257	19.35	I
184	18.912239	79.333613	16.01	II
185	18.887452	79.326329	21.49	II
186	18.880562	79.327298	15.22	II
187	18.903494	79.350083	9.54	II
188	18.904615	79.340436	19.64	II
189	18.884261	79.331959	14.16	II
190	18.893350	79.331948	34.32	III
191	18.908671	79.337504	9.81	IV
192	18.898358	79.330249	12.28	IV
193	18.895714	79.364824	16.26	IV
194	18.896676	79.349075	19.37	IV
195	18.884044	79.349357	15.18	IV
196	18.898171	79.362970	40.56	V
197	18.904216	79.351959	27.77	V
198	18.900917	79.343019	31.24	V
199	18.880158	79.346983	39.26	V

Legend

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

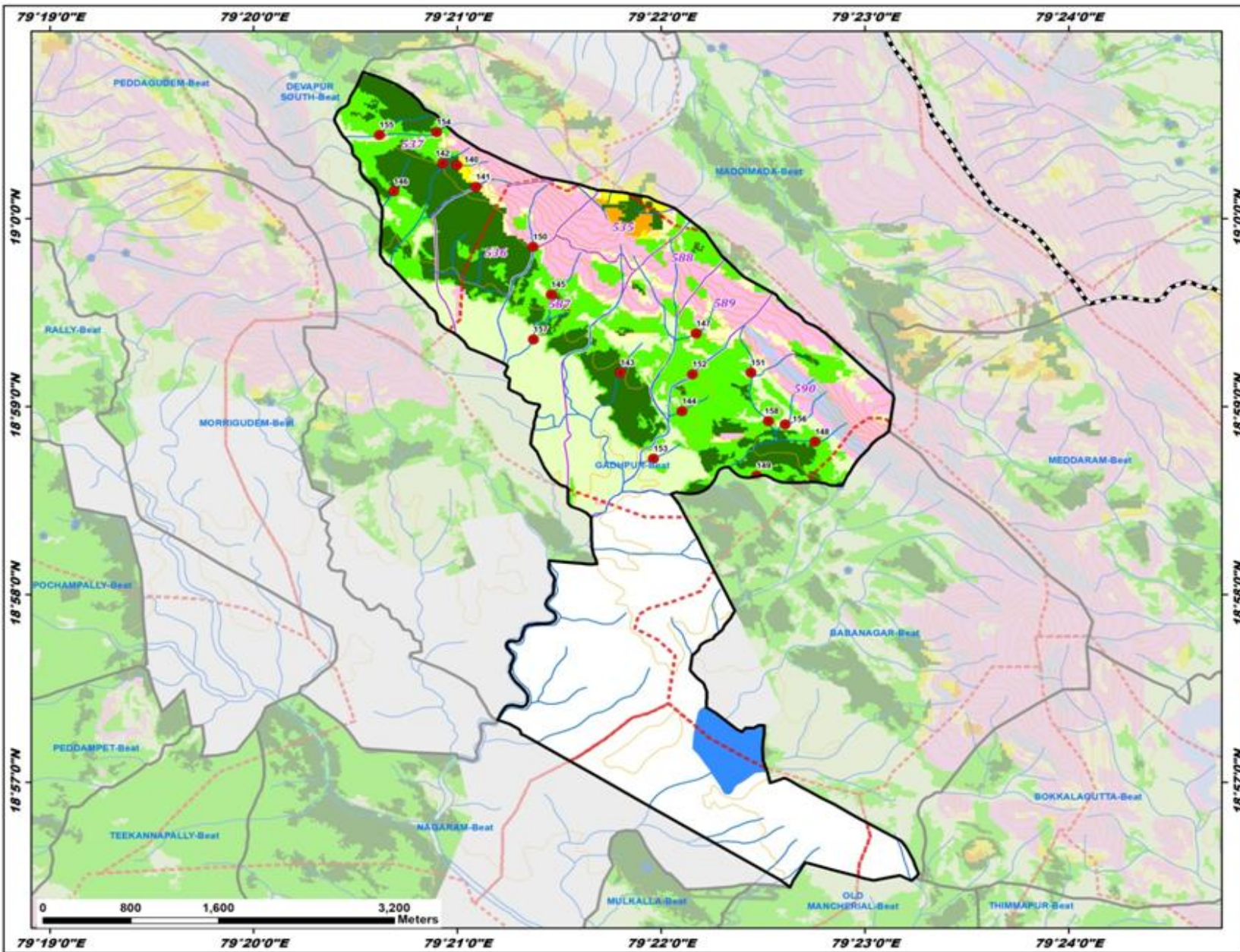
Suitability Index

- 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 Gadhpur Beat



Division : Mancherial
Range : Luxettipet



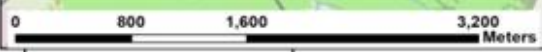
ID	Latitude	Longitude	Catchment Area_ha	Priority
140	19.004734	79.349984	6.67	I
141	19.002815	79.351524	12.74	I
142	19.004887	79.348793	7.74	I
143	18.986332	79.363356	15.10	I
144	18.982914	79.368394	13.95	II
145	18.993260	79.357693	17.70	II
146	19.002409	79.344801	16.50	II
147	18.989808	79.369541	21.40	II
148	18.980204	79.379270	13.25	II
149	18.977200	79.374486	19.78	II
150	18.997481	79.356205	22.57	II
151	18.986334	79.374007	30.54	III
152	18.986182	79.369246	25.27	III
153	18.978722	79.366048	10.97	IV
154	19.007656	79.348299	13.61	IV
155	19.007399	79.343648	27.61	V
156	18.981742	79.376814	26.35	V
157	18.989291	79.356231	46.98	V
158	18.982039	79.375442	75.52	V

Legend

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

Suitability Index

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



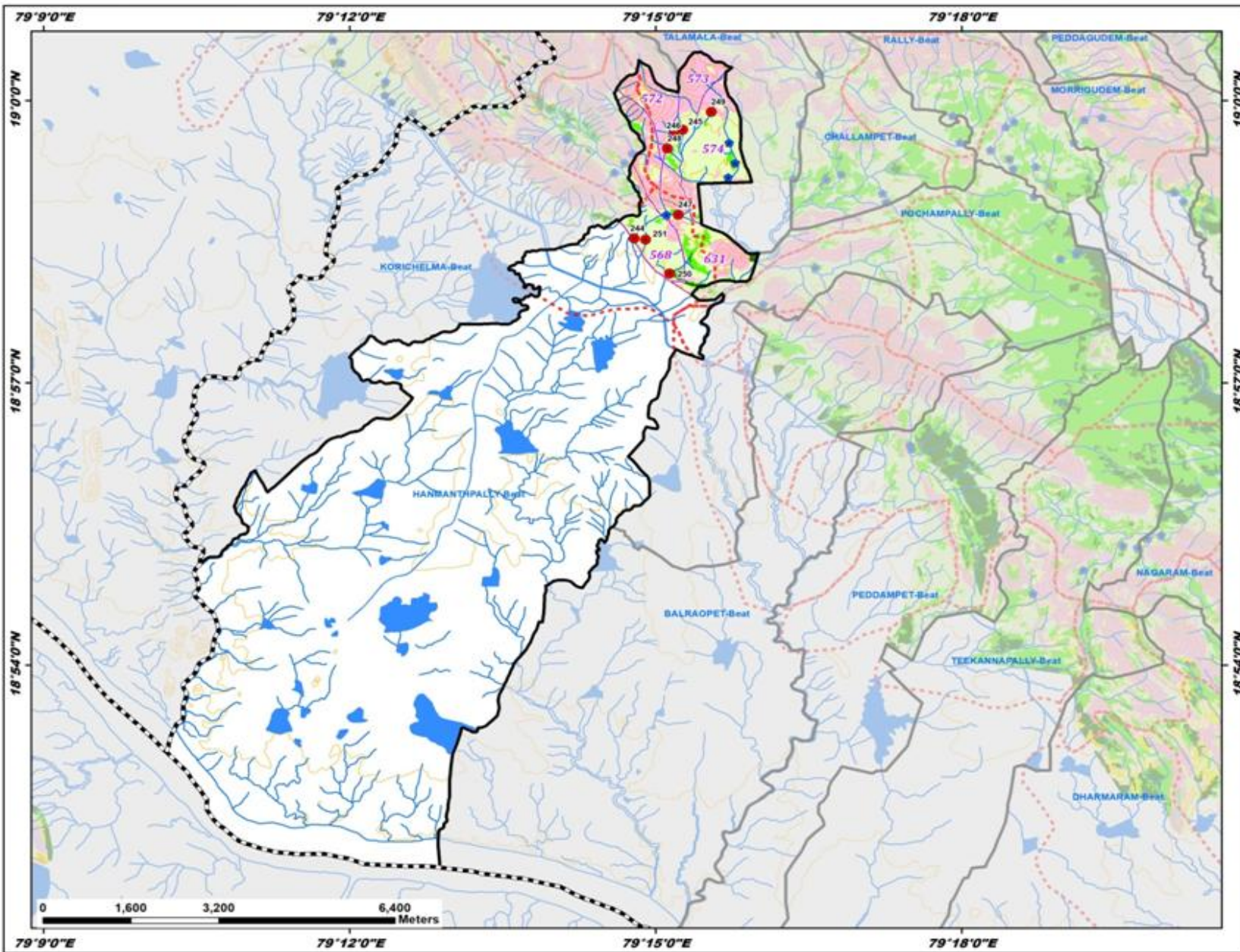
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19°0'0"N
18°59'0"N
18°58'0"N
18°57'0"N

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



Division : Mancherial
Range : Luxettipet



ID	Latitude	Longitude	Catchment Area_ha	Priority
244	18.975573	79.246456	6.44	II
245	18.994796	79.254426	16.19	II
246	18.993766	79.252927	18.03	IV
247	18.979757	79.253700	17.27	IV
248	18.991483	79.251932	7.37	IV
249	18.997947	79.259062	8.09	IV
250	18.969338	79.252275	26.16	V
251	18.975352	79.248325	41.03	V

Legend

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

Suitability Index

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



79°9'0"E 79°12'0"E 79°15'0"E 79°18'0"E

18°54'0"N

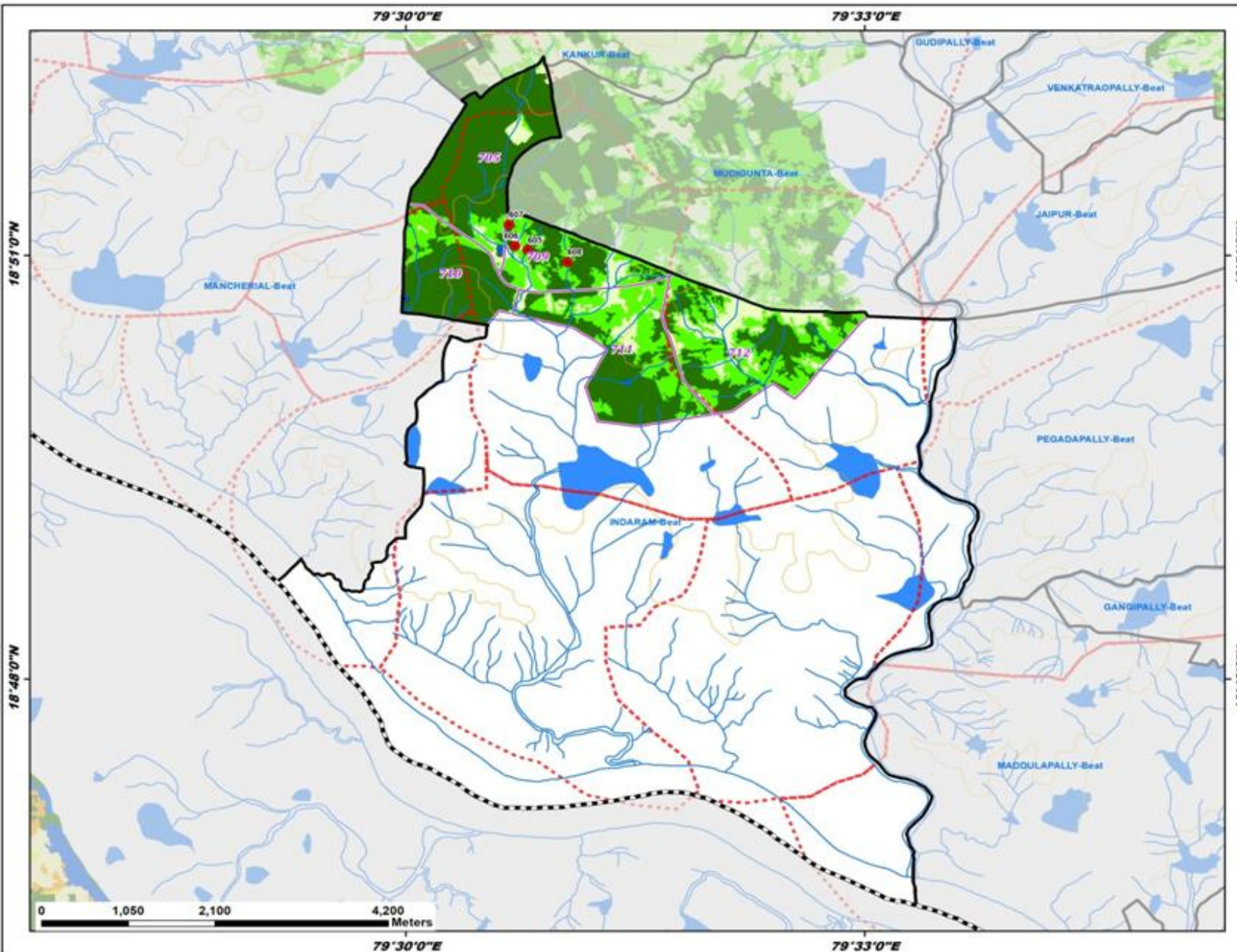
18°57'0"N

19°0'0"N

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



Division : Mancherial
Range : Luxettipet



ID	Latitude	Longitude	Catchment Area_ha	Priority
605	18.850634	79.513301	18.39	I
606	18.851125	79.511866	8.19	II
607	18.853643	79.511241	9.87	II
608	18.849238	79.517607	48.56	III

Legend

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

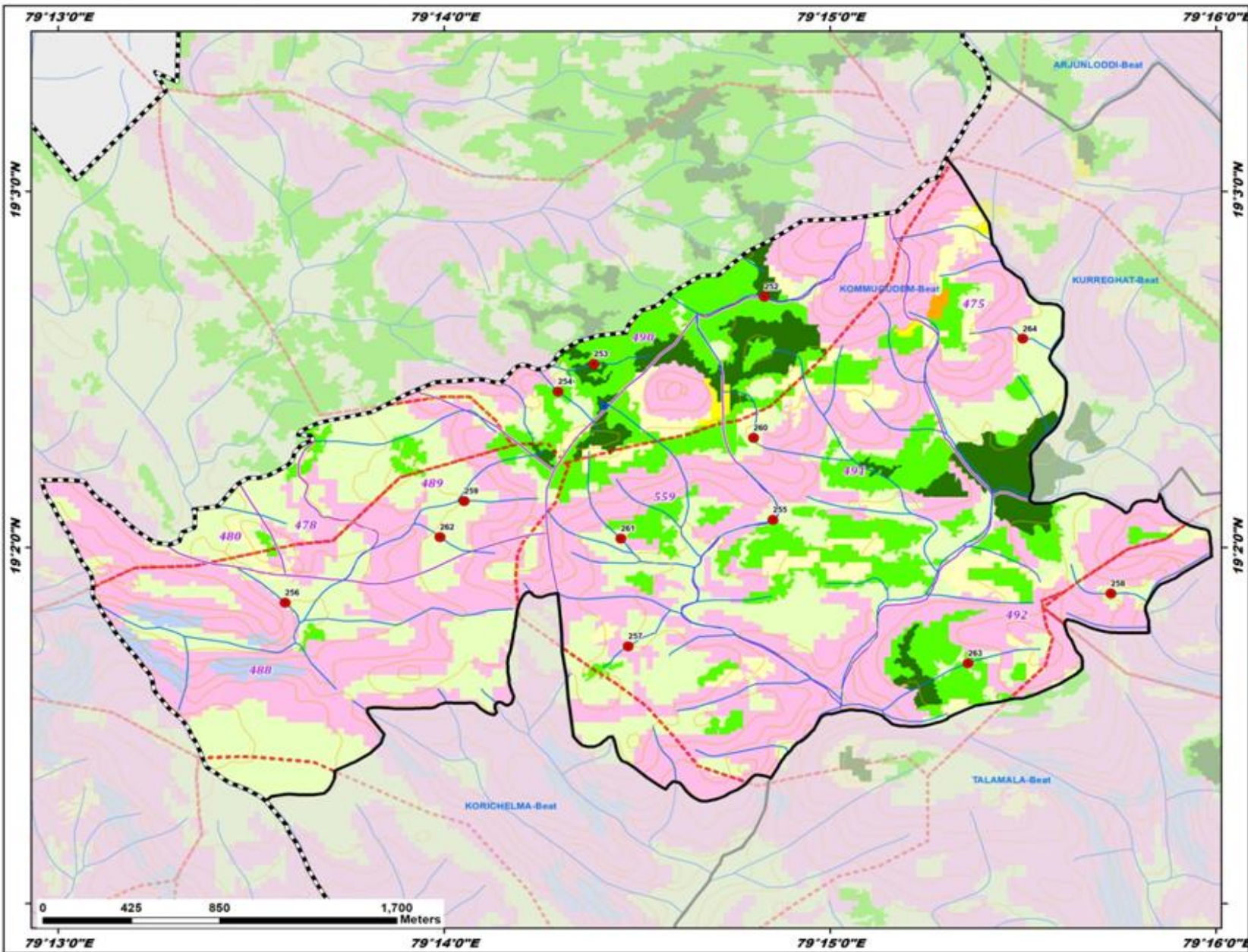
Suitability Index

- 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 Kommugudem Beat



Division : Mancherial
Range : Luxettipet



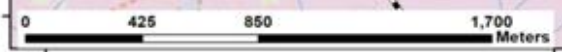
ID	Latitude	Longitude	Catchment Area_ha	Priority
252	19.045065	79.247173	13.39	I
253	19.041911	79.239806	6.17	II
254	19.040630	79.238264	4.73	II
255	19.034628	79.247535	10.10	IV
256	19.030750	79.226474	11.40	IV
257	19.028703	79.241288	7.50	IV
258	19.031170	79.262130	7.58	IV
259	19.035503	79.234198	11.28	IV
260	19.038466	79.246709	8.43	IV
261	19.033743	79.240978	8.52	IV
262	19.033817	79.233165	8.79	IV
263	19.027906	79.255965	7.67	IV
264	19.043101	79.258323	8.95	IV

Legend

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

Suitability Index

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



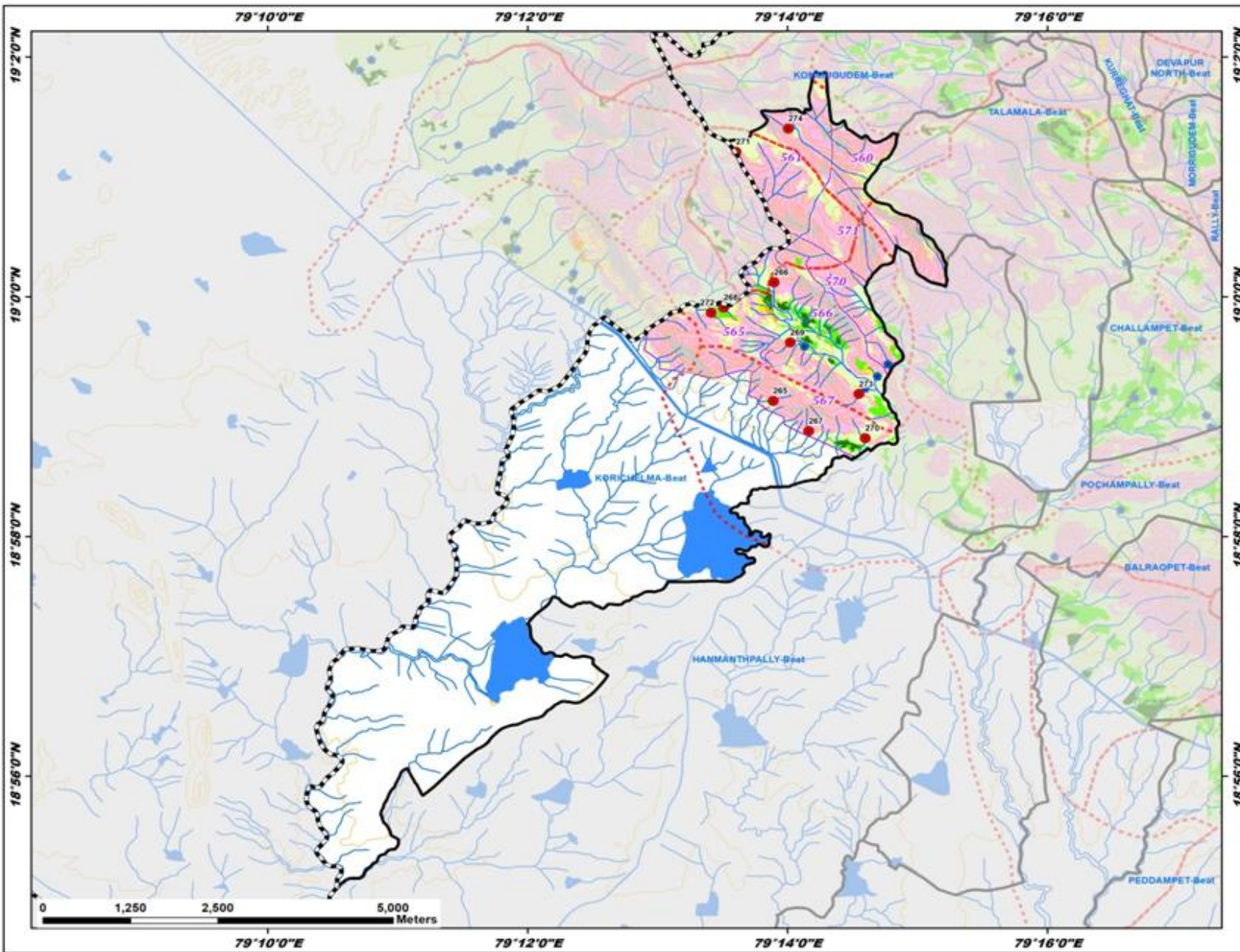
79°13'0"E 79°14'0"E 79°15'0"E 79°16'0"E

19°20'0"N 19°30'0"N

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



Division : Mancherial
Range : Luxettipet



ID	Latitude	Longitude	Catchment Area_ha	Priority
265	18.985520	79.231499	12.29	IV
266	19.002008	79.231637	11.80	IV
267	18.981320	79.236038	5.35	IV
268	18.998509	79.225143	6.46	IV
269	18.993630	79.233693	5.20	IV
270	18.980331	79.243294	10.04	IV
271	19.020147	79.226743	19.92	IV
272	18.997754	79.223539	16.71	IV
273	18.986469	79.242509	9.66	IV
274	19.023386	79.233462	29.04	V

Legend

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

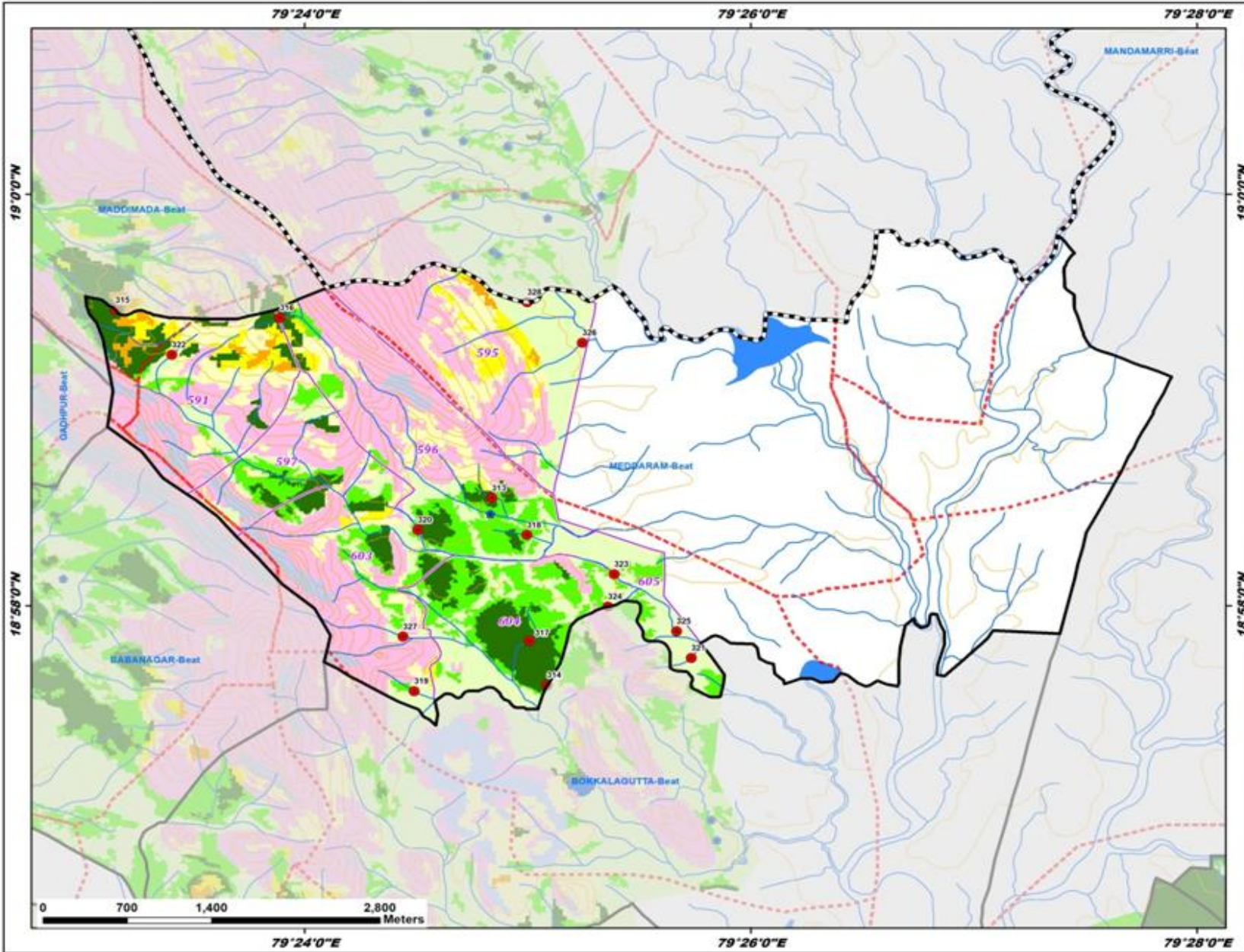
Suitability Index

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

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



Division : Mancherial
Range : Luxettipet



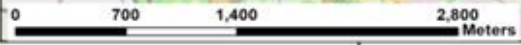
ID	Latitude	Longitude	Catchment Area_ha	Priority
313	18.975394	79.414012	7.44	I
314	18.960245	79.418122	12.78	I
315	18.990618	79.385881	5.80	I
316	18.989998	79.398145	7.95	I
317	18.963826	79.416799	19.95	I
318	18.972394	79.416616	7.31	II
319	18.959755	79.408195	14.46	II
320	18.972804	79.408466	16.93	II
321	18.962428	79.428908	9.23	IV
322	18.986990	79.390097	5.67	IV
323	18.969226	79.423144	13.51	IV
324	18.966609	79.422652	15.00	IV
325	18.964595	79.427800	34.62	V
326	18.987976	79.420757	39.23	V
327	18.964163	79.407373	33.82	V
328	18.991258	79.416652	41.52	V

Legend

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

Suitability Index

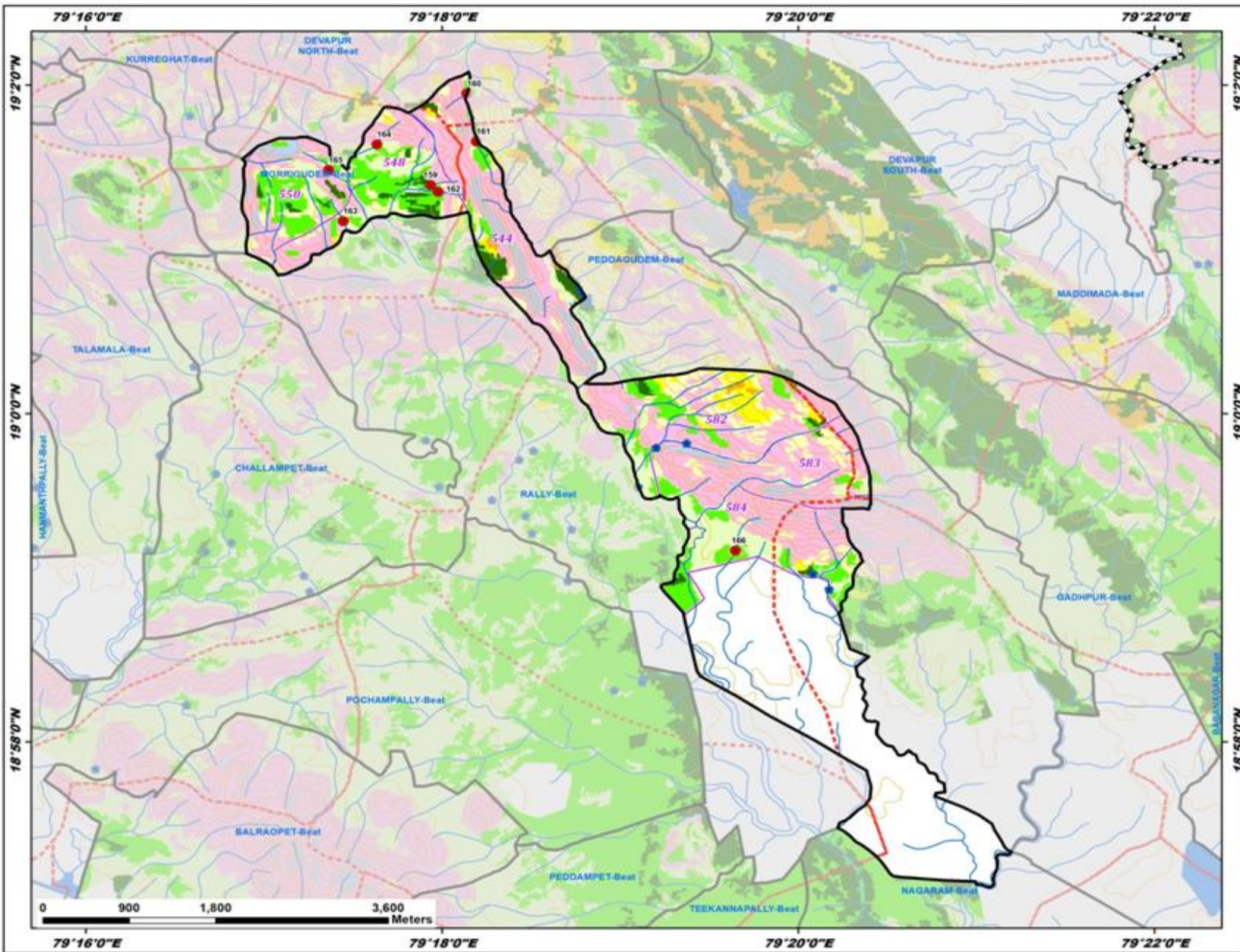
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body



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



Division : Mancherial
Range : Luxettipet



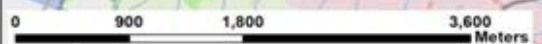
ID	Latitude	Longitude	Catchment Area_ha	Priority
159	19.023163	79.298925	5.77	II
160	19.032459	79.302337	9.45	II
161	19.027593	79.303208	16.26	II
162	19.022474	79.299646	5.65	II
163	19.019516	79.290764	8.41	IV
164	19.027297	79.293910	9.33	IV
165	19.024701	79.289398	7.55	IV
166	18.986086	79.327460	16.21	IV

Legend

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

Suitability Index

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



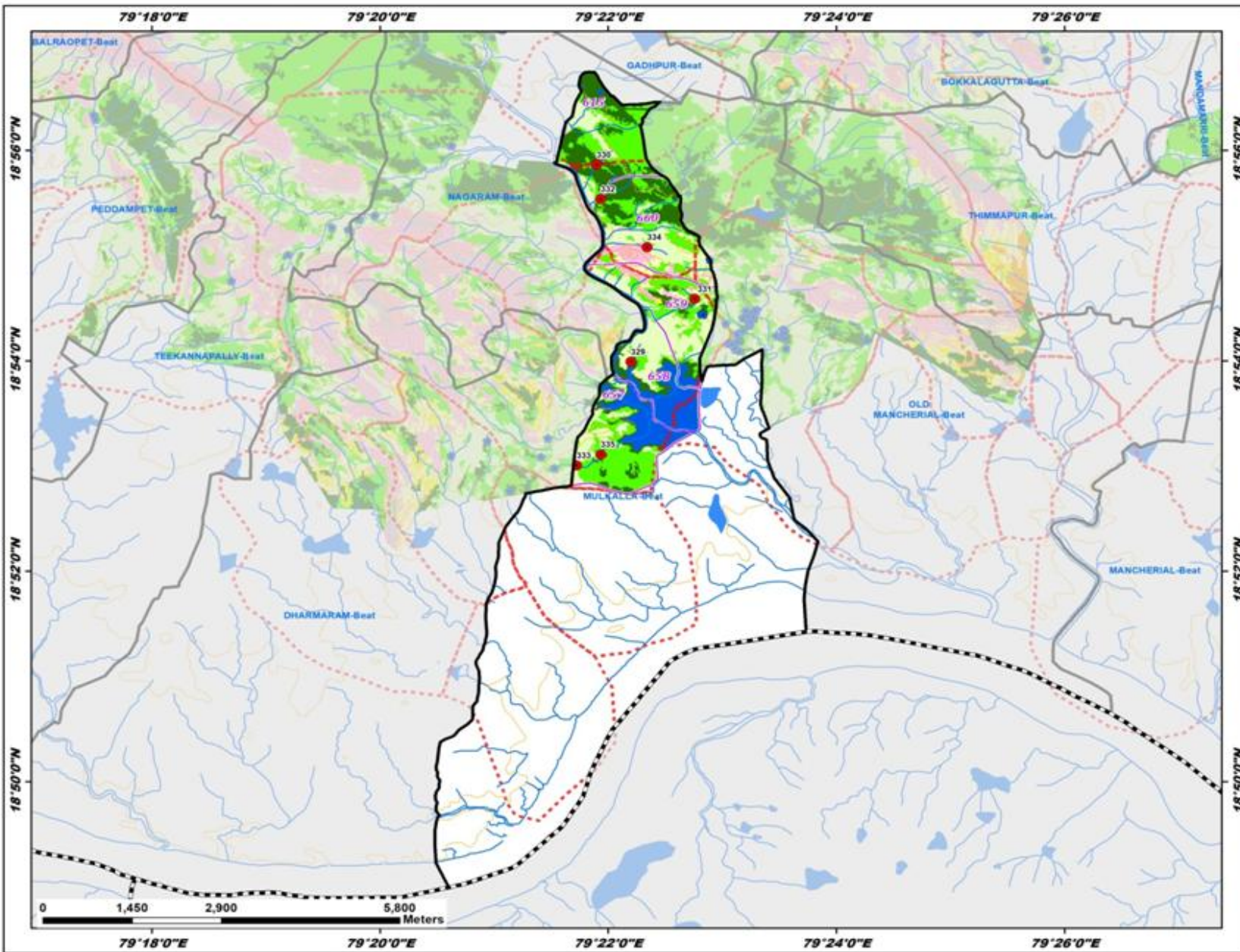
79°16'0"E 79°18'0"E 79°20'0"E 79°22'0"E

19°20'0"N
19°00'0"N
18°58'0"N

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



Division : Mancherial
Range : Luxettipet



ID	Latitude	Longitude	Catchment Area_ha	Priority
329	18.899834	79.370003	14.02	I
330	18.931039	79.364978	15.58	II
331	18.909835	79.379291	7.84	II
332	18.925610	79.365606	63.23	III
333	18.883419	79.362078	30.52	III
334	18.917978	79.372368	23.66	IV
335	18.885136	79.365588	56.53	IV

Legend

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

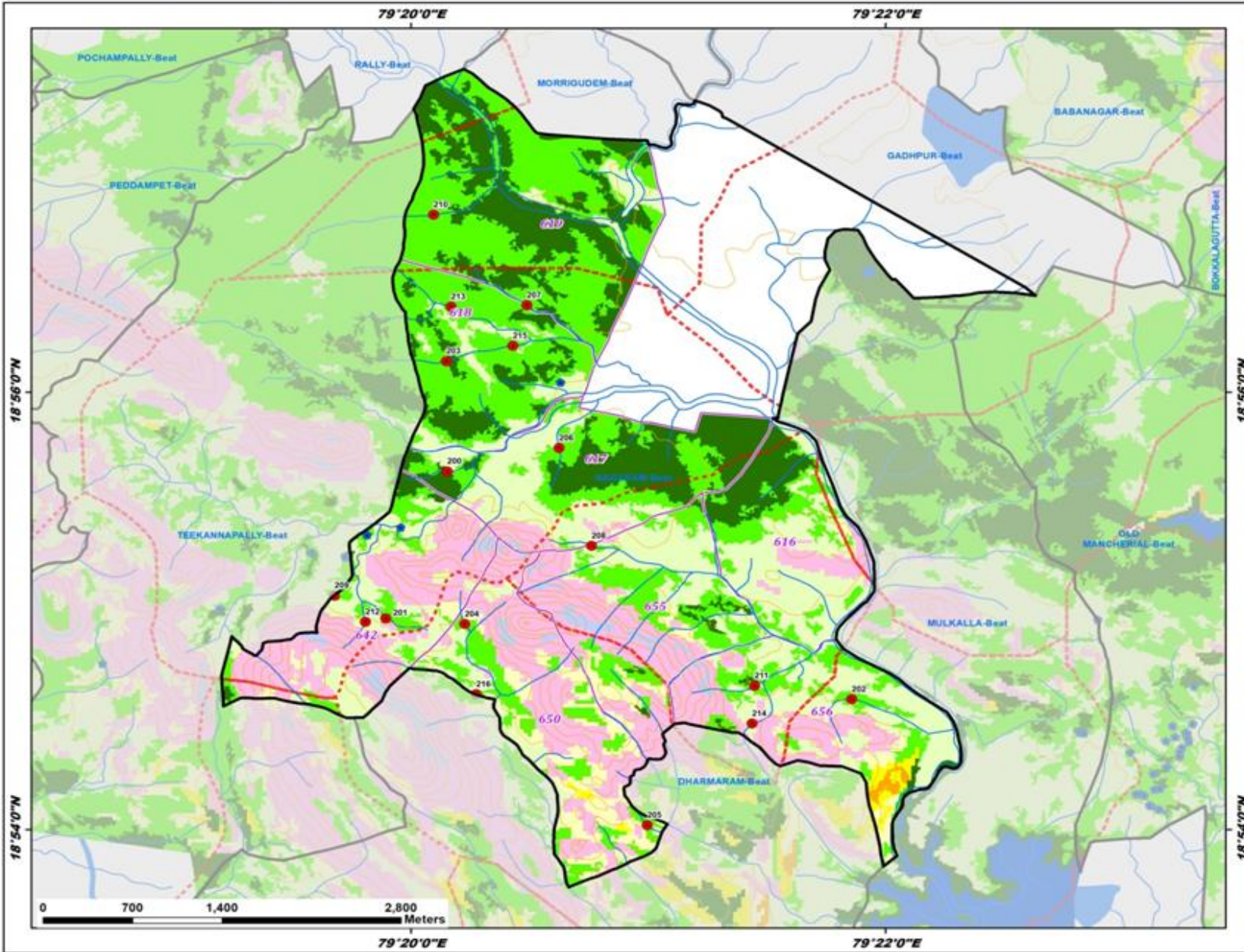
Suitability Index

- 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 Nagaram Beat



Division : Mancherial
Range : Luxettipet



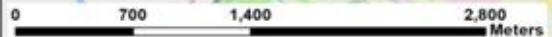
ID	Latitude	Longitude	Catchment Area_ha	Priority
200	18.927295	79.335886	14.09	I
201	18.916103	79.331552	18.07	II
202	18.909938	79.364289	16.28	II
203	18.935690	79.335805	20.03	II
204	18.915668	79.337112	9.48	II
205	18.900345	79.349926	9.10	II
206	18.929076	79.343737	28.49	III
207	18.939957	79.341466	40.01	III
208	18.921622	79.346015	18.49	IV
209	18.917828	79.327950	8.03	IV
210	18.946844	79.334916	53.23	IV
211	18.910961	79.357472	15.89	IV
212	18.915826	79.330127	8.13	IV
213	18.939841	79.336150	59.36	IV
214	18.908079	79.357294	34.33	V
215	18.936862	79.340495	34.68	III
216	18.910319	79.337913	44.93	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



18°56'0"N

18°56'0"N

18°54'0"N

18°54'0"N

79°20'0"E

79°22'0"E

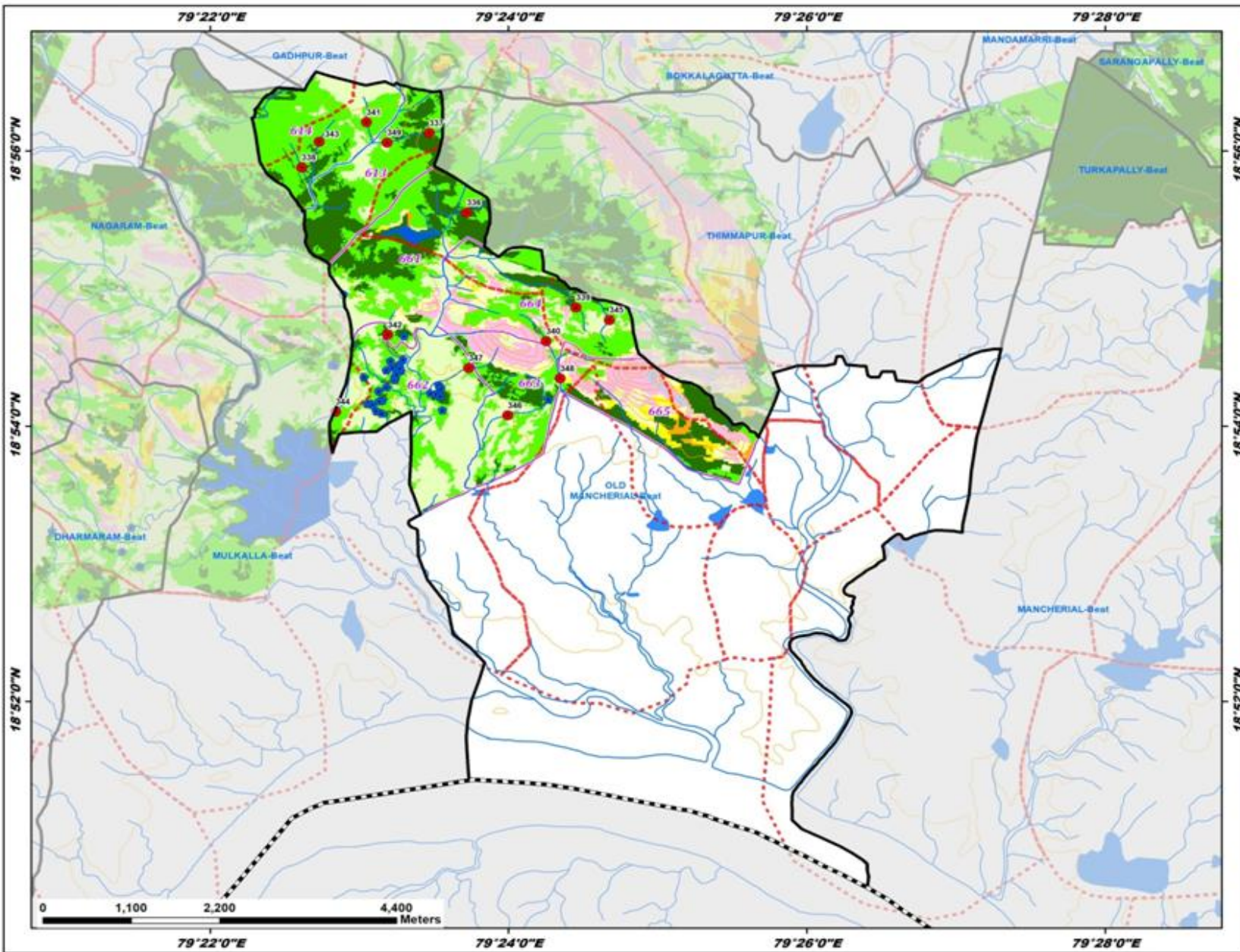
79°20'0"E

79°22'0"E

Map Showing Suitability index for Construction of SMC Works of Old Mancherial Beat



Division : Mancherial
Range : Luxettipet



ID	Latitude	Longitude	Catchment Area_ha	Priority
336	18.925873	79.395330	12.09	I
337	18.935488	79.391142	23.07	I
338	18.931324	79.376889	19.83	II
339	18.914364	79.407535	17.33	II
340	18.910289	79.404194	23.45	II
341	18.936800	79.384148	17.34	II
342	18.911057	79.386495	17.03	II
343	18.934436	79.378862	32.44	III
344	18.901740	79.380680	35.79	III
345	18.912858	79.411272	13.63	IV
346	18.901300	79.399928	31.26	V
347	18.907026	79.395557	28.22	V
348	18.905771	79.405772	66.47	IV
349	18.934349	79.386439	45.03	V

Legend

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

Suitability Index

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



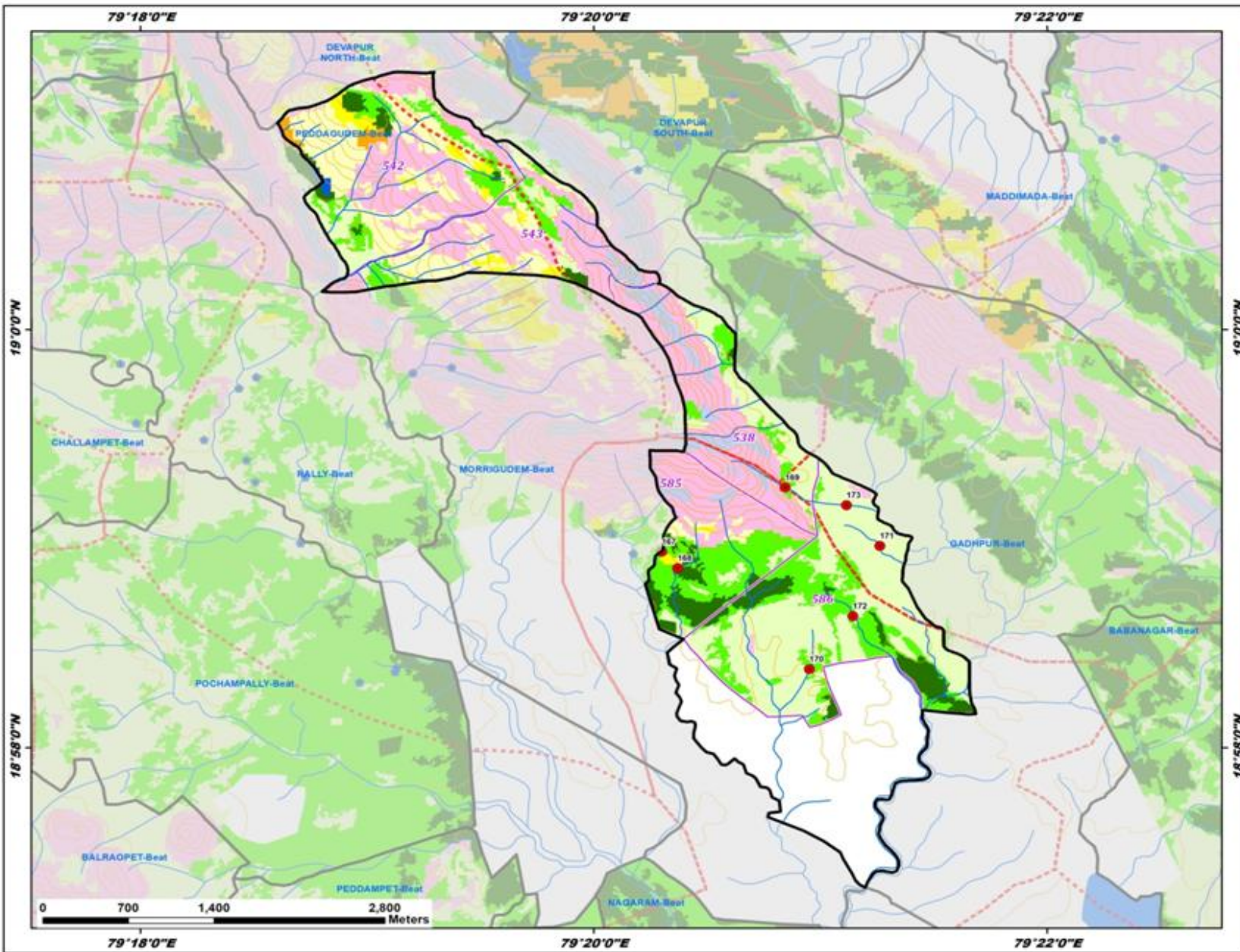
79°22'0"E 79°24'0"E 79°26'0"E 79°28'0"E

18°56'0"N
18°54'0"N
18°52'0"N

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



Division : Mancherial
Range : Luxettipet



ID	Latitude	Longitude	Catchment Area_ha	Priority
167	18.982298	79.338346	11.86	II
168	18.980979	79.339498	12.86	II
169	18.987416	79.347422	13.50	II
170	18.972923	79.349203	17.51	IV
171	18.982763	79.354371	12.70	IV
172	18.977148	79.352394	28.58	V
173	18.986005	79.351934	30.56	V

Legend

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

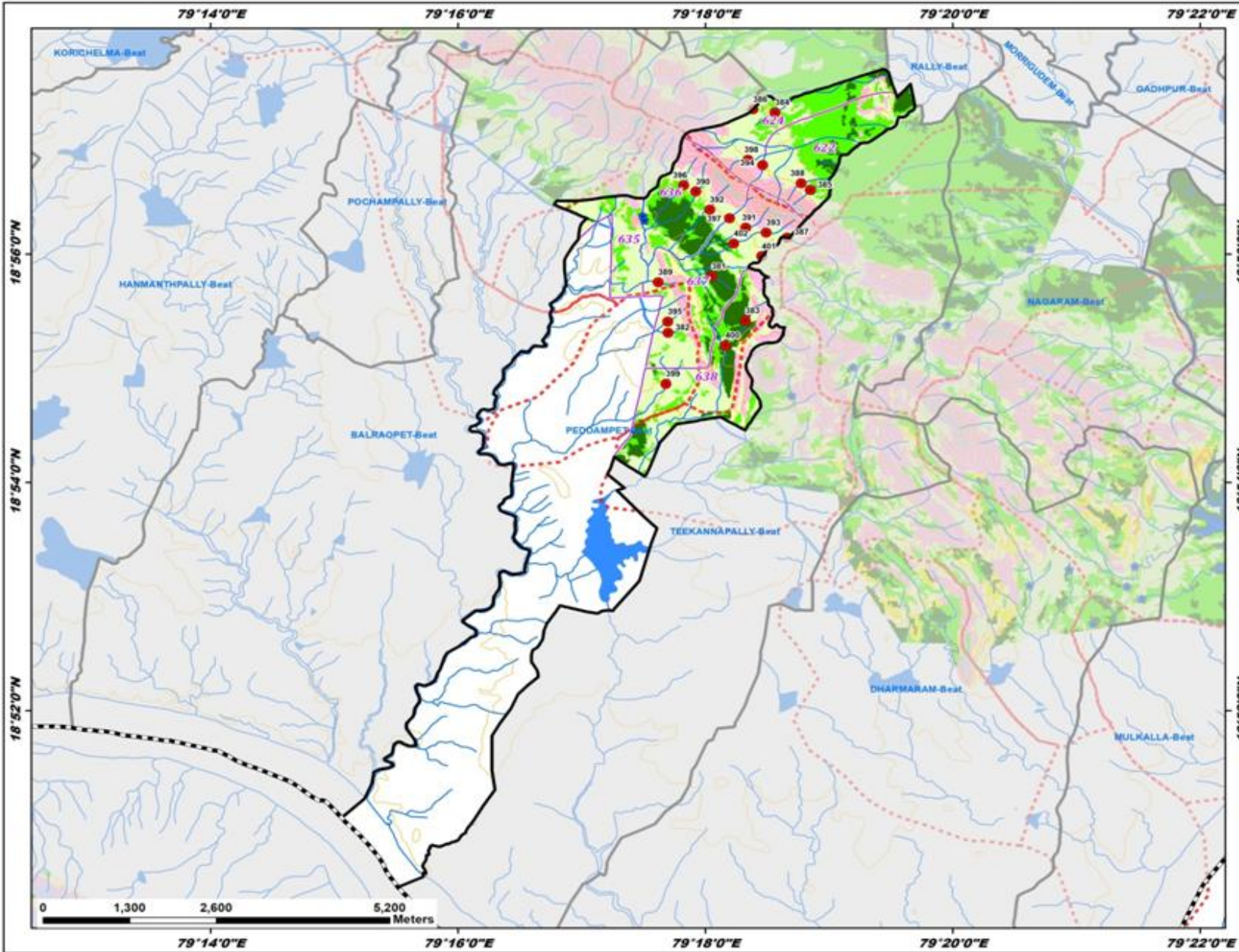
Suitability Index

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

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



Division : Mancherial
Range : Luxettipet



ID	Latitude	Longitude	Catchment Area_ha	Priority
381	18.930076	79.300843	24.19	I
382	18.921833	79.294991	10.23	II
383	18.923612	79.305395	25.04	II
384	18.954014	79.309400	16.55	II
385	18.942675	79.314171	8.71	II
386	18.954465	79.306435	18.08	IV
387	18.935748	79.311025	24.69	IV
388	18.943691	79.312915	6.39	IV
389	18.929209	79.293669	7.93	IV
390	18.942455	79.298735	17.93	IV
391	18.937185	79.305434	11.32	IV
392	18.939806	79.300602	19.87	IV
393	18.936476	79.308194	15.29	IV
394	18.946342	79.307731	7.15	IV
395	18.923456	79.294923	10.86	IV
396	18.943372	79.297100	12.51	IV
397	18.938546	79.303275	10.03	IV
398	18.947114	79.305755	10.59	IV
399	18.914380	79.294690	46.53	V
400	18.920005	79.302701	53.26	III
401	18.933011	79.307619	43.45	V
402	18.934891	79.303804	26.34	V

Legend

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

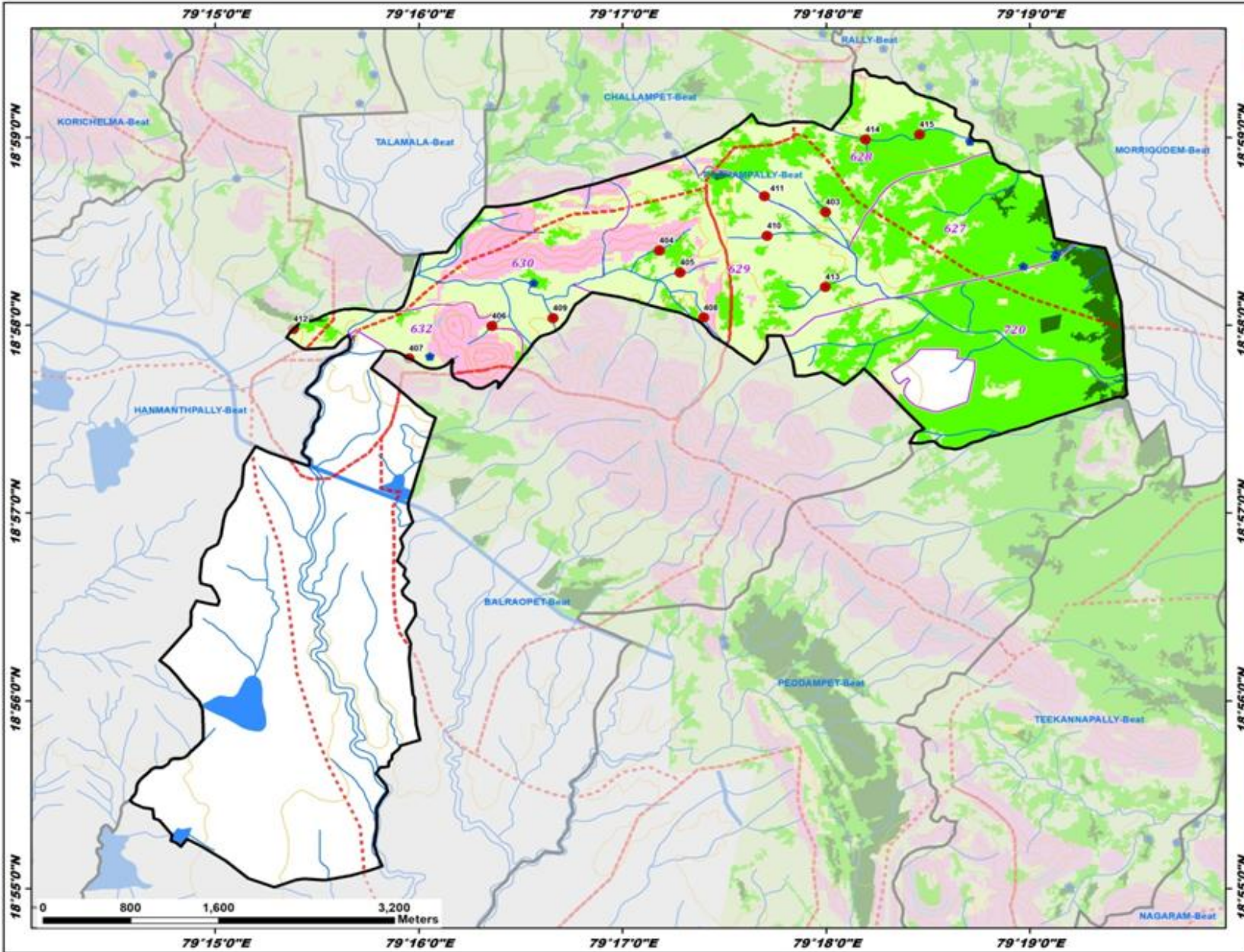
Suitability Index

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

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



Division : Mancherial
Range : Luxettipet



ID	Latitude	Longitude	Catchment Area_ha	Priority
403	18.976707	79.299969	20.78	II
404	18.973289	79.286355	20.21	II
405	18.971338	79.288046	10.23	II
406	18.966595	79.272656	8.31	IV
407	18.963730	79.265872	20.24	IV
408	18.967338	79.289973	9.77	IV
409	18.967295	79.277657	21.08	IV
410	18.974598	79.295174	26.10	V
411	18.978101	79.294954	28.86	V
412	18.966343	79.256414	32.78	V
413	18.970064	79.299923	44.09	V
414	18.983139	79.303223	34.24	V
415	18.983593	79.307647	79.11	IV

Legend

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

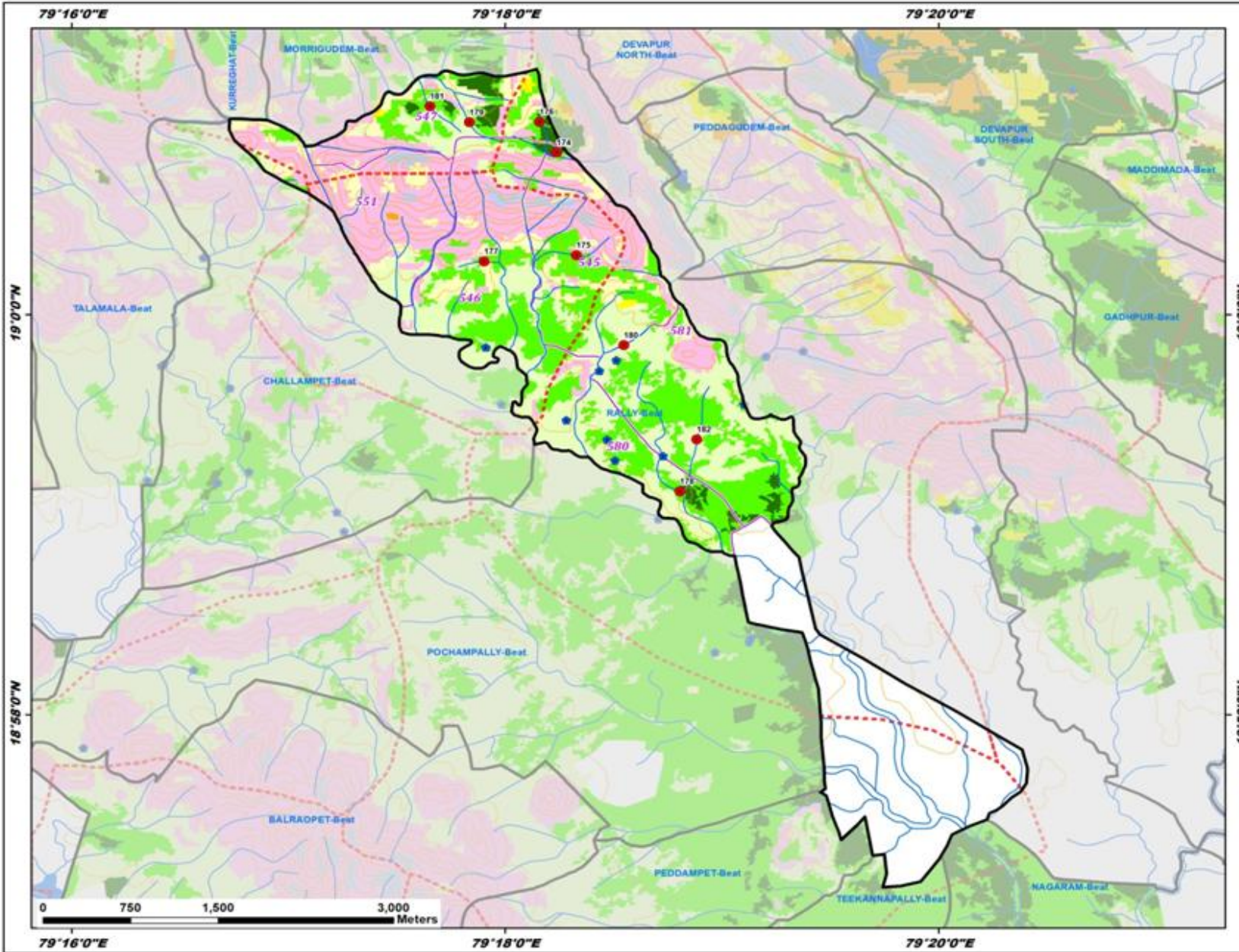
Suitability Index

- 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 Rally Beat



Division : Mancherial
Range : Luxettipet



ID	Latitude	Longitude	Catchment Area_ha	Priority
174	19.013512	79.303955	5.48	I
175	19.004958	79.305467	10.21	II
176	19.016076	79.302628	10.26	II
177	19.004443	79.298387	7.81	II
178	18.985286	79.313417	63.67	IV
179	19.016035	79.297238	12.04	IV
180	18.997459	79.309113	14.46	IV
181	19.017369	79.294205	11.89	IV
182	18.989620	79.314723	23.05	IV

Legend

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

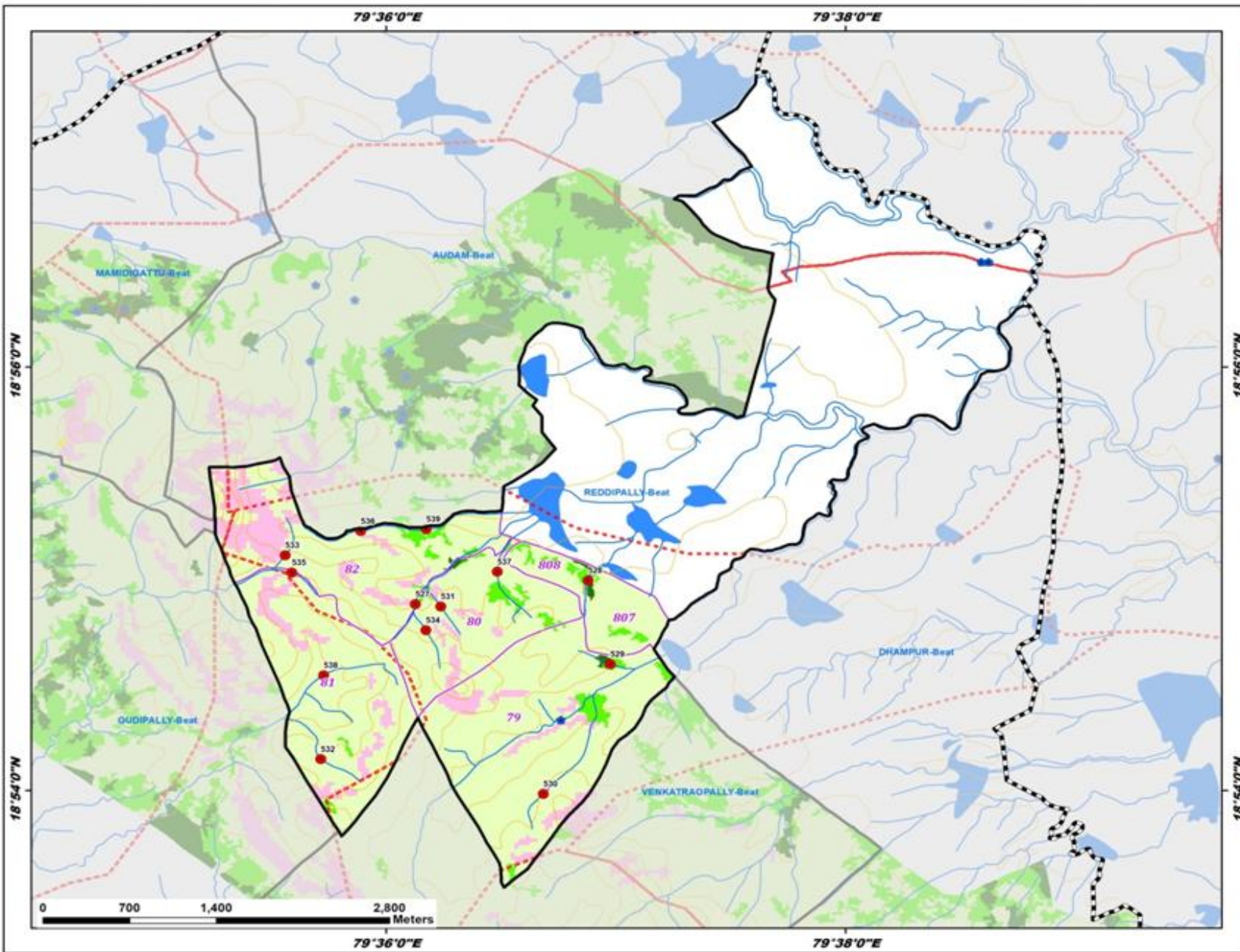
Suitability Index

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

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



Division : Mancherial
Range : Luxettipet



ID	Latitude	Longitude	Catchment Area_ha	Priority
527	18.914666	79.602121	23.00	II
528	18.916531	79.614647	23.11	II
529	18.909948	79.616248	14.73	II
530	18.899738	79.611401	14.26	IV
531	18.914492	79.603964	6.83	IV
532	18.902475	79.595254	15.85	IV
533	18.918529	79.592664	12.29	IV
534	18.912617	79.602872	18.15	IV
535	18.917165	79.593152	13.13	IV
536	18.920421	79.598142	28.53	V
537	18.917219	79.608063	43.57	V
538	18.909076	79.595444	54.85	V
539	18.920573	79.602895	57.72	V

Legend

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

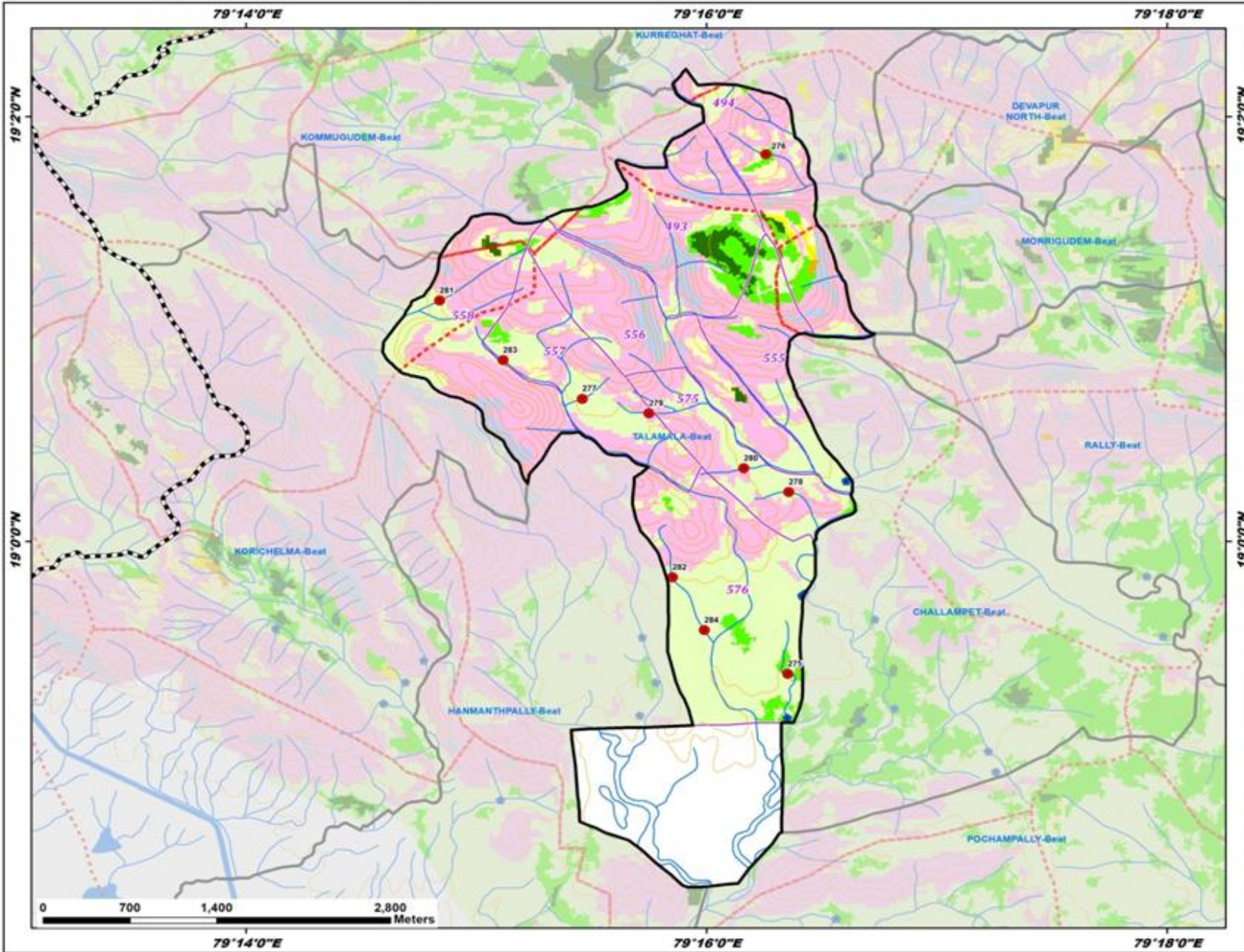
Suitability Index

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

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



Division : Mancherial
Range : Luxettipet



ID	Latitude	Longitude	Catchment Area_ha	Priority
275	18.989600	79.272562	27.94	III
276	19.030385	79.270974	6.87	IV
277	19.011198	79.257693	7.51	IV
278	19.003878	79.272633	8.18	IV
279	19.010056	79.262514	10.30	IV
280	19.005751	79.269372	8.92	IV
281	19.018901	79.247360	21.11	IV
282	18.997193	79.264207	21.23	IV
283	19.014228	79.251949	30.93	V
284	18.993041	79.266526	49.06	V

Legend

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

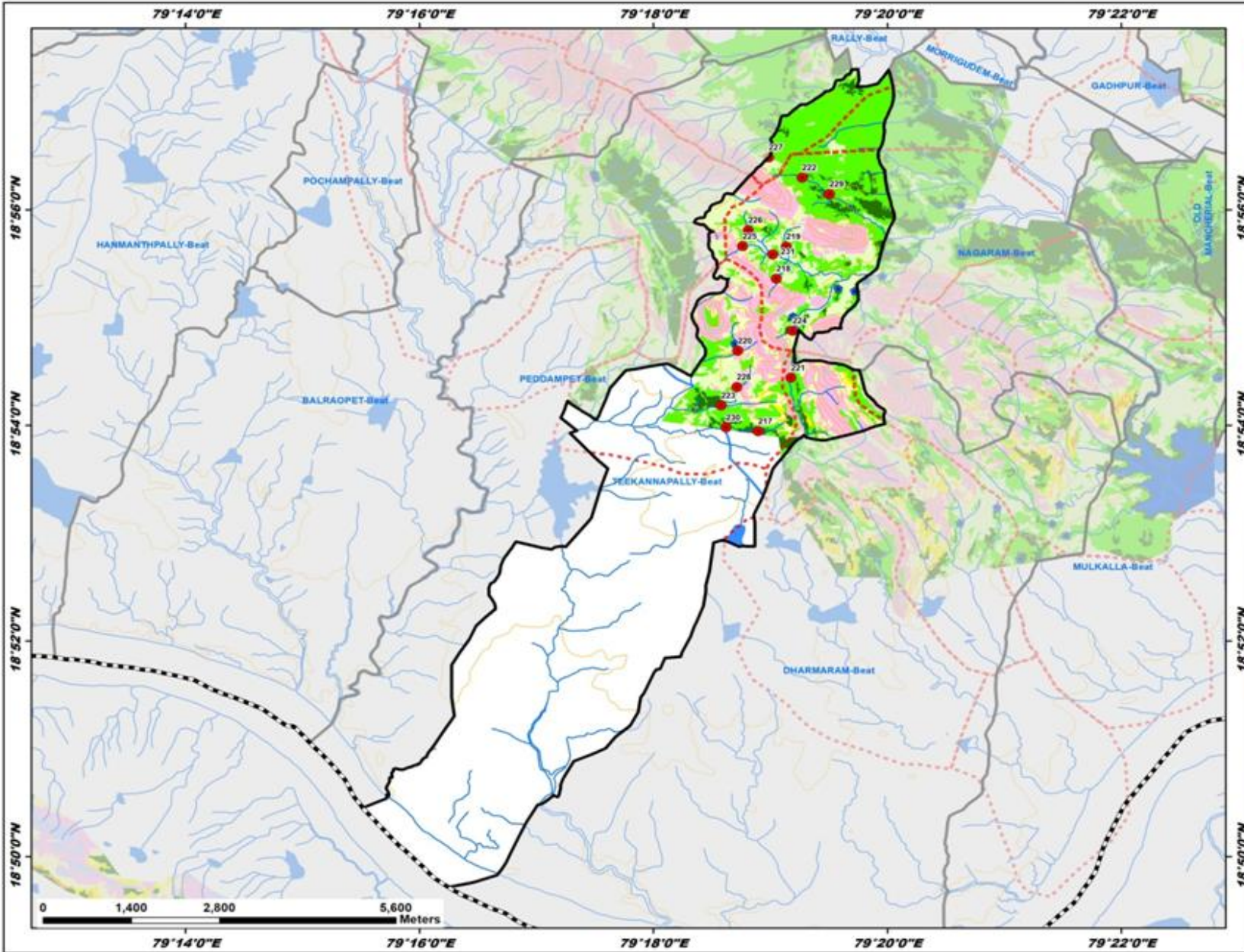
Suitability Index

- 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 Teenkannapally Beat



Division : Mancherial
Range : Luxettipet



ID	Latitude	Longitude	Catchment Area_ha	Priority
217	18.899075	79.314948	20.31	I
218	18.922664	79.317513	10.32	II
219	18.927601	79.318943	14.93	II
220	18.911512	79.312020	49.11	III
221	18.907339	79.319586	38.81	III
222	18.938275	79.321169	28.08	III
223	18.903067	79.309659	31.24	III
224	18.914612	79.319830	18.06	IV
225	18.927670	79.312691	13.47	IV
226	18.930157	79.313507	20.40	IV
227	18.941393	79.316432	11.28	IV
228	18.905903	79.311894	31.13	V
229	18.935740	79.325099	61.96	III
230	18.899660	79.310321	42.47	III
231	18.926437	79.317010	94.50	V

Legend

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

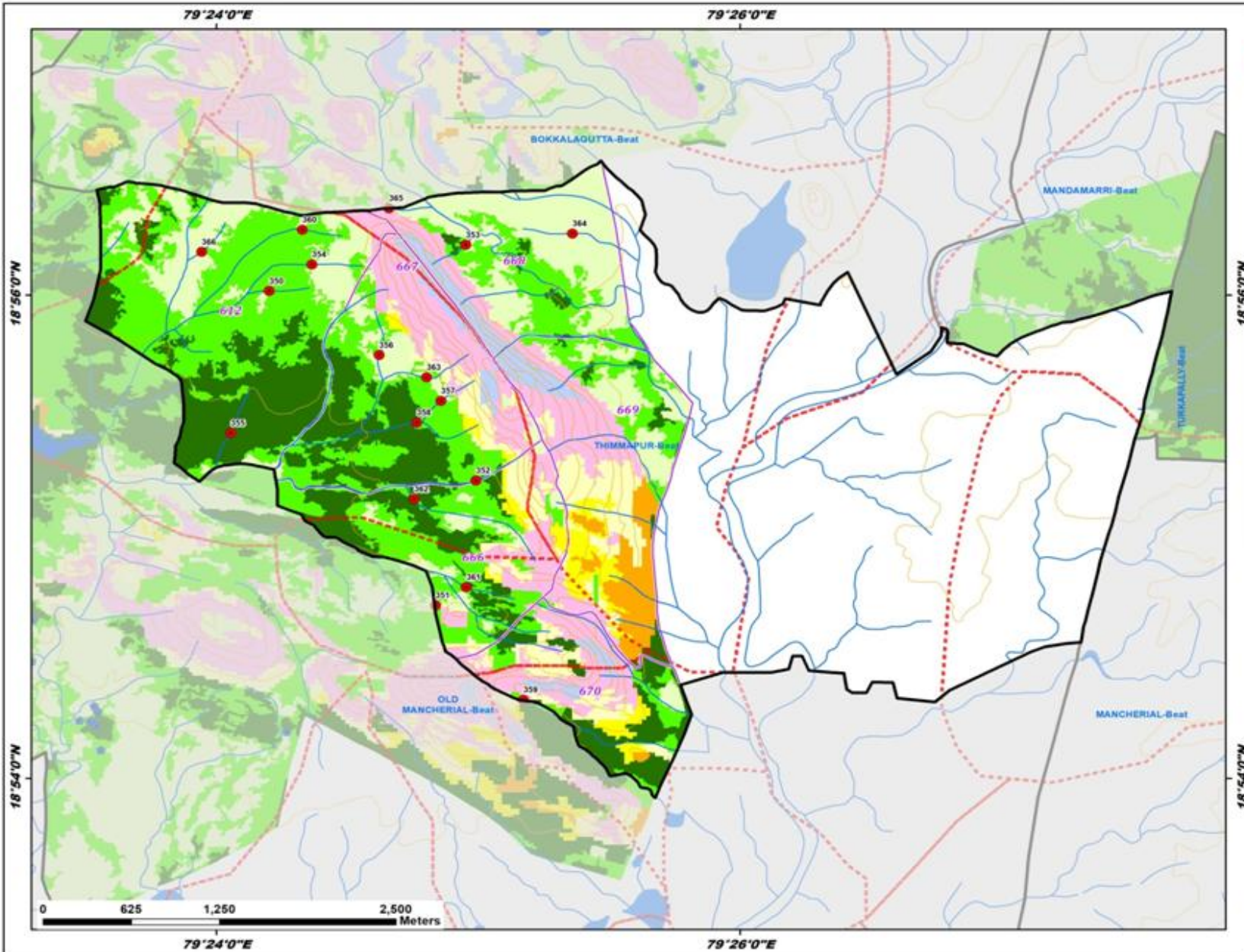
Suitability Index

- 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 Thimmapur Beat



Division : Mancherial
Range : Luxettipet



ID	Latitude	Longitude	Catchment Area_ha	Priority
350	18.933617	79.403355	10.74	II
351	18.911927	79.413937	15.50	II
352	18.920543	79.416514	14.49	II
353	18.936799	79.415867	9.71	II
354	18.935442	79.406078	12.09	II
355	18.923807	79.400906	27.21	II
356	18.929194	79.410367	18.13	II
357	18.926047	79.414286	10.40	II
358	18.924538	79.412742	17.32	II
359	18.905423	79.419537	17.62	II
360	18.937846	79.405473	8.65	II
361	18.913191	79.415903	12.08	II
362	18.919268	79.412583	43.17	II
363	18.927661	79.413382	8.68	IV
364	18.937573	79.422673	11.64	IV
365	18.939331	79.410990	15.22	IV
366	18.936310	79.399053	6.79	IV

Legend

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

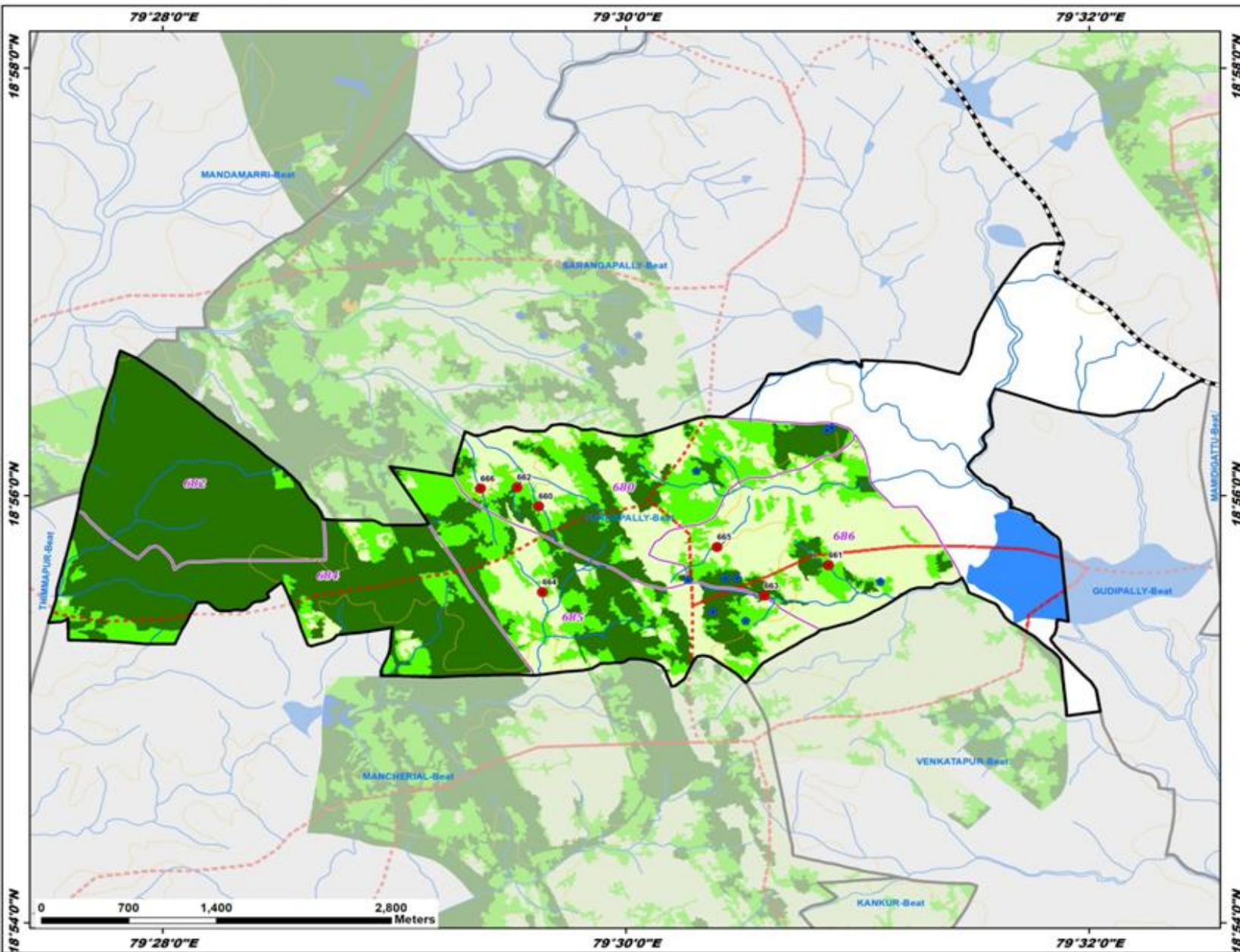
Suitability Index

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

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



Division : Mancherial
Range : Luxettipet



ID	Latitude	Longitude	Catchment Area_ha	Priority
660	18.932487	79.493723	14.49	II
661	18.927894	79.514580	19.13	II
662	18.933960	79.492181	5.92	II
663	18.925507	79.509975	27.33	II
664	18.925784	79.493998	16.22	IV
665	18.929315	79.506565	21.71	IV
666	18.933867	79.489544	26.72	V

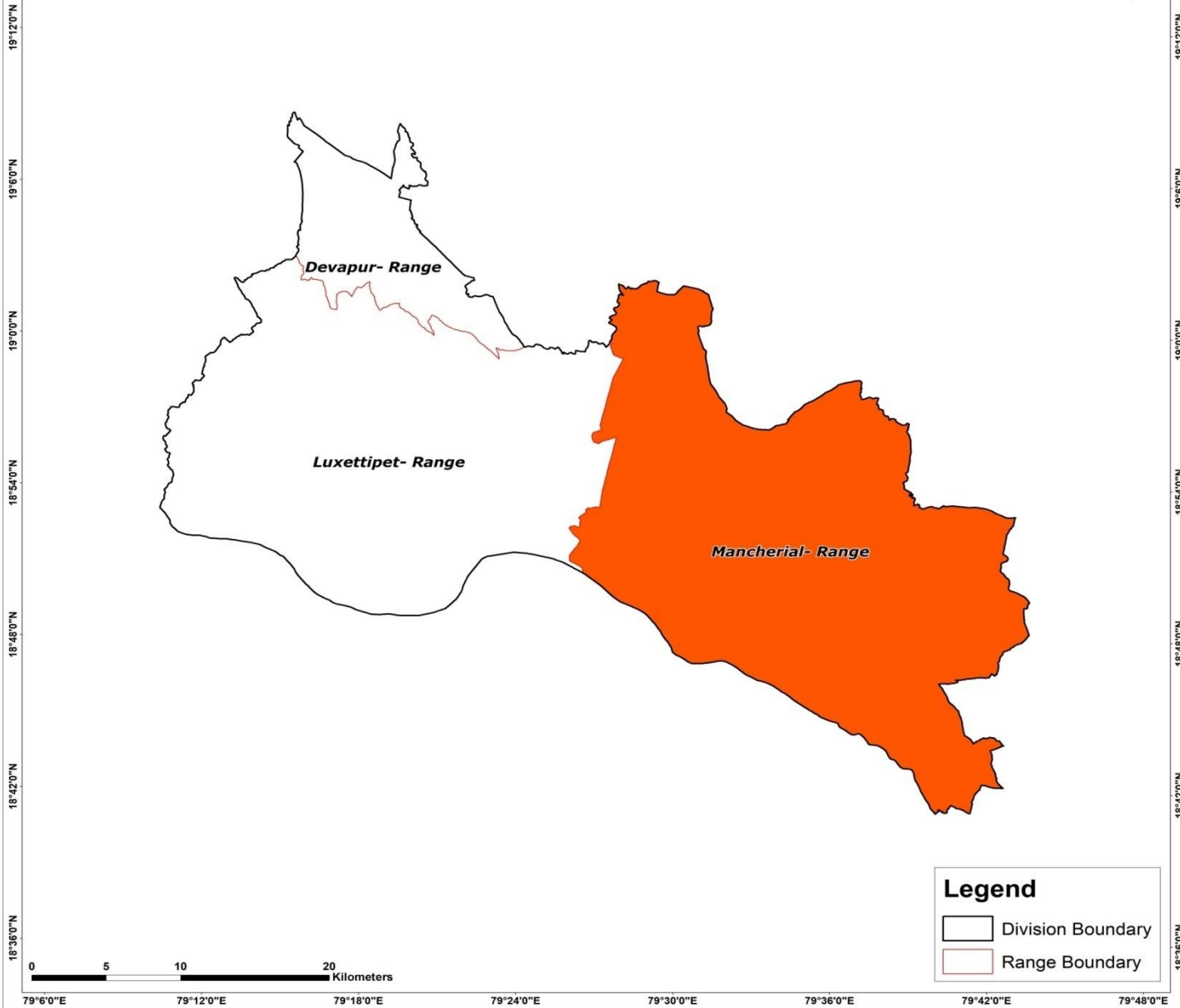
Legend

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

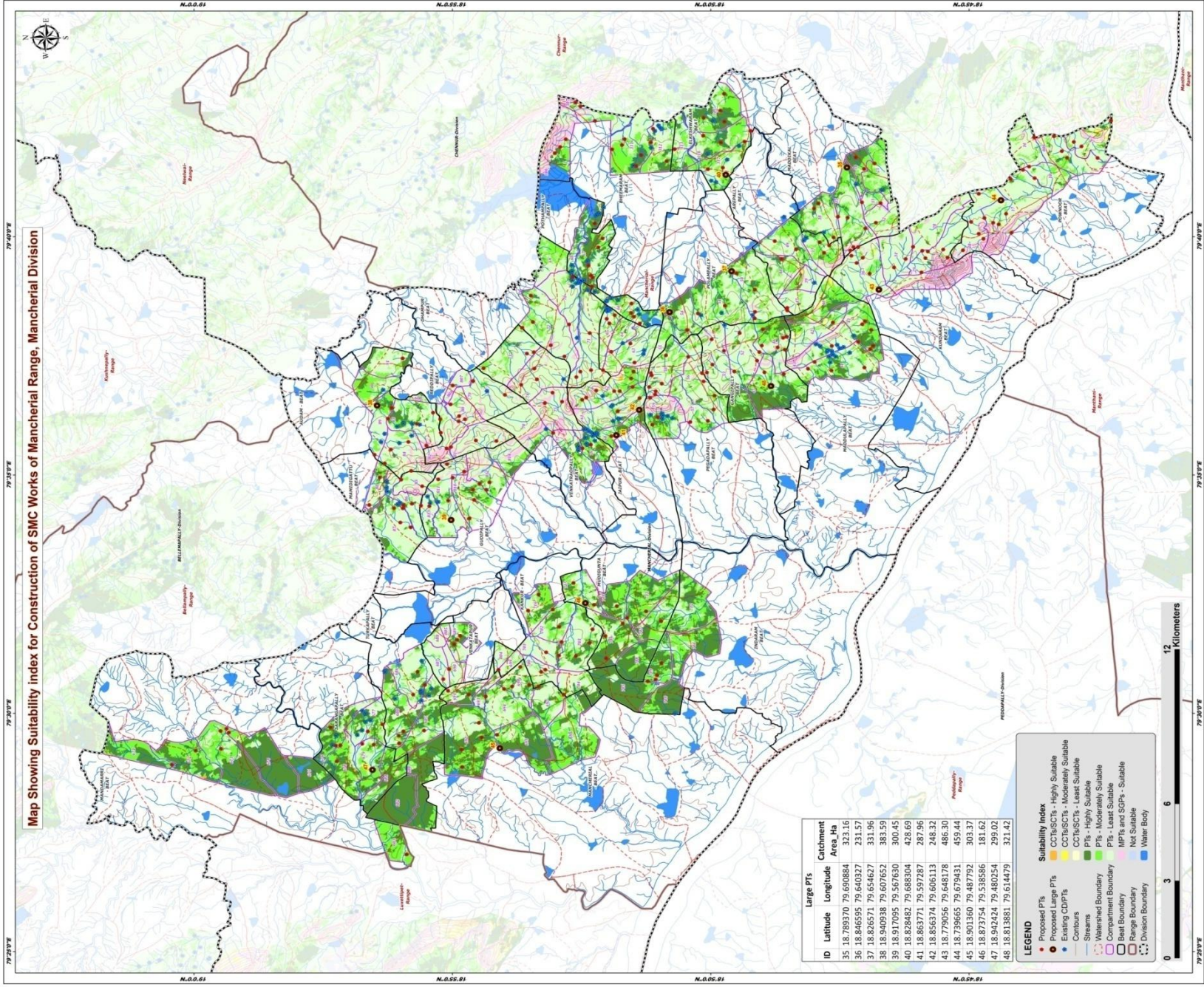
Suitability Index

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

Map Showing Mancherial Range in Mancherial Division

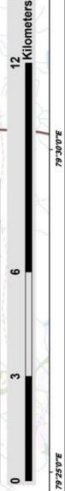


Map Showing Suitability Index for Construction of SMC Works of Mancherl Range, Mancherial Division

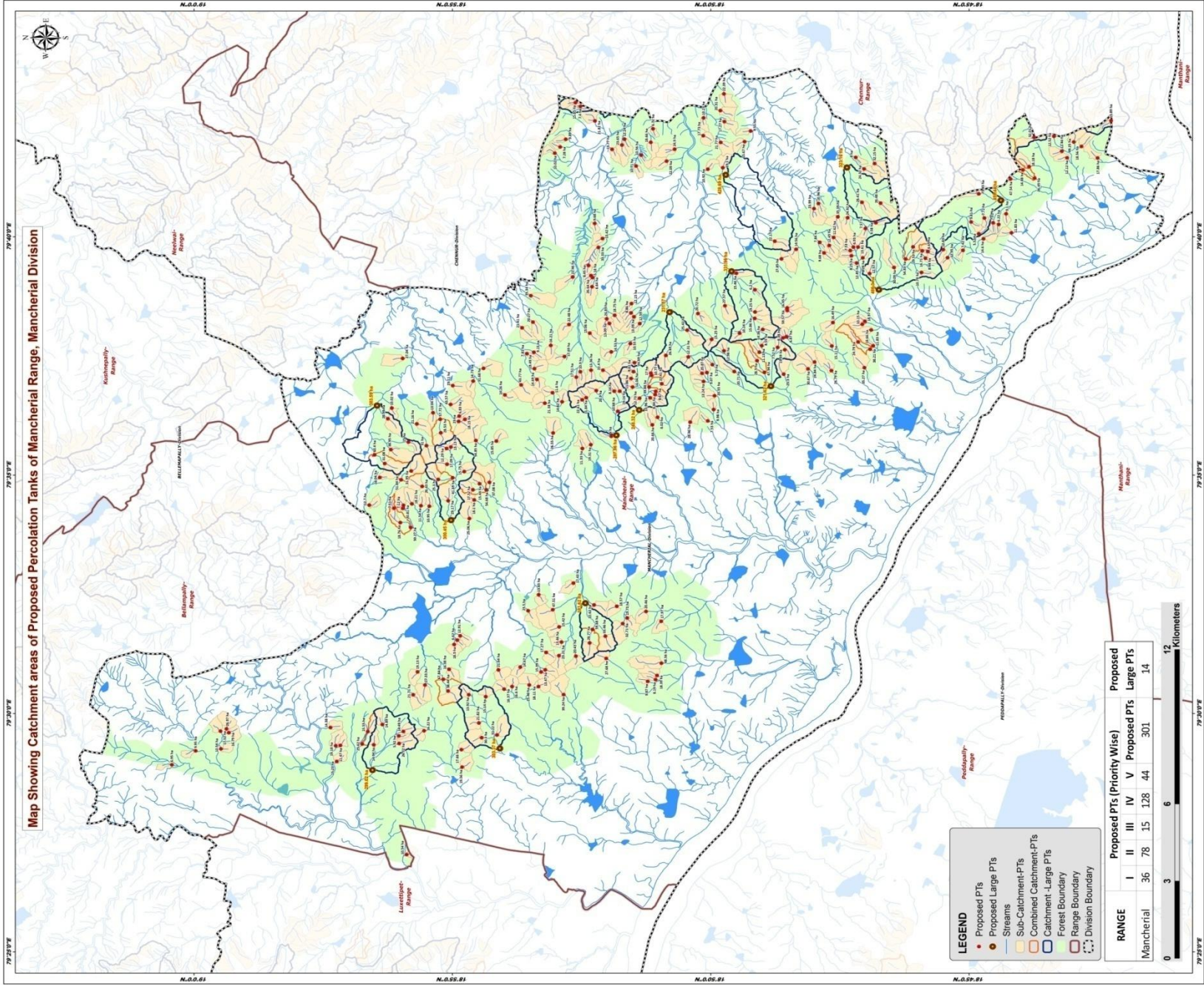


ID	Latitude	Longitude	Catchment Area, Ha
35	18.789370	79.690884	323.16
36	18.846595	79.640327	231.57
37	18.826571	79.654627	331.96
38	18.940938	79.607652	383.59
39	18.917095	79.567630	300.45
40	18.828482	79.688304	428.69
41	18.863771	79.597287	287.96
42	18.856574	79.606113	248.32
43	18.799565	79.648178	486.30
44	18.739655	79.679431	459.44
45	18.901360	79.487792	303.37
46	18.873254	79.538556	181.62
47	18.842424	79.480254	295.02
48	18.813881	79.614479	321.42

- LEGEND**
- Proposed PIs
 - Existing CDPs
 - Streams
 - Watershed Boundary
 - Range Boundary
 - Division Boundary
 - Suitability Index
 - CCIS/SCIs - Highly Suitable
 - CCIS/SCIs - Moderately Suitable
 - CCIS/SCIs - Least Suitable
 - PIs - Highly Suitable
 - PIs - Moderately Suitable
 - PIs - Least Suitable
 - MPTs and SGPs - Suitable
 - Not Suitable
 - Water Body



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



LEGEND

- Proposed P.T.s
- Proposed Large P.T.s
- Streams
- Sub-Catchment-P.T.s
- Combined Catchment-P.T.s
- Catchment-Large P.T.s
- ▭ Forest Boundary
- ▭ Range Boundary
- ⋯ Division Boundary

RANGE	Proposed P.T.s (Priority Wise)					Proposed Large P.T.s
	I	II	III	IV	V	
Mancheril	36	78	15	128	44	301
	0	3	6	12	14	14



Beat wise Abstract of Proposed PT's – Mancherial Range

S. No.	Beat	Proposed PT's
1	AREPALLY	7
2	AUDAM	11
3	BHEEMARAM	14
4	DHAMPUR	11
5	ELKESHWARAM	11
6	GANGIPALLY	16
7	GUDIPALLY	13
8	INDARAM	4
9	JAIPUR	18
10	KANKUR	14
11	KUNDARAM	13
12	MADDIKAL	16
13	MADDULAPALLY	12
14	MAMIDIGATTU	10
15	MANCHERIAL	13
16	MANDAMARRI	7
17	MUDIGUNTA	9
18	PEGADAPALLY	17
19	POLAMPALLY	7
20	POTHAMPALLY	11
21	POWNOOR	22
22	REDDIPALLY	13
23	SARANGAPALLY	8
24	TURKAPALLY	7
25	VENKATAPUR	5
26	VENKATRAOPALLY	12
	Total	301

List of Proposed PTs – Mancherial 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
416	18.805741	79.662315	14.56	I	AREPALLY	456	18.941772	79.590466	60.40	V	AUDAM	496	18.834263	79.690323	10.92	II	ELKESHWARAM
417	18.796768	79.661033	9.68	II	AREPALLY	457	18.907887	79.580323	15.44	II	GUDIPALLY	497	18.829042	79.716643	22.39	II	ELKESHWARAM
418	18.810489	79.658947	27.85	II	AREPALLY	458	18.912844	79.584596	15.75	II	GUDIPALLY	498	18.835725	79.702012	17.73	II	ELKESHWARAM
419	18.798148	79.664755	7.84	II	AREPALLY	459	18.910032	79.578227	17.52	II	GUDIPALLY	499	18.830222	79.710799	20.31	II	ELKESHWARAM
420	18.808633	79.641792	16.45	IV	AREPALLY	460	18.911174	79.568184	25.06	III	GUDIPALLY	500	18.835642	79.708251	10.23	II	ELKESHWARAM
421	18.812656	79.665135	22.17	IV	AREPALLY	461	18.924102	79.572477	10.95	IV	GUDIPALLY	501	18.820457	79.703639	9.55	II	ELKESHWARAM
422	18.808602	79.640918	59.57	V	AREPALLY	462	18.909633	79.574665	18.10	IV	GUDIPALLY	502	18.844966	79.697305	24.90	IV	ELKESHWARAM
423	18.798555	79.678324	10.96	I	MADDIKAL	463	18.918394	79.587166	17.09	IV	GUDIPALLY	503	18.822411	79.699921	15.67	IV	ELKESHWARAM
424	18.786540	79.694438	8.00	I	MADDIKAL	464	18.926813	79.572648	11.54	IV	GUDIPALLY	504	18.829395	79.690809	19.10	IV	ELKESHWARAM
425	18.789163	79.673332	24.92	I	MADDIKAL	465	18.918030	79.574402	29.17	V	GUDIPALLY	505	18.870764	79.671371	9.68	I	POTHAMPALLY
426	18.783826	79.690432	24.32	II	MADDIKAL	466	18.904720	79.580840	37.08	V	GUDIPALLY	506	18.859032	79.640086	8.86	II	POTHAMPALLY
427	18.799998	79.676535	23.99	II	MADDIKAL	467	18.921236	79.581824	25.30	V	GUDIPALLY	507	18.871962	79.653115	5.18	II	POTHAMPALLY
428	18.780452	79.692314	32.15	III	MADDIKAL	468	18.905729	79.578229	54.68	IV	GUDIPALLY	508	18.872722	79.656634	8.45	II	POTHAMPALLY
429	18.795074	79.663646	12.45	IV	MADDIKAL	469	18.916590	79.582426	41.69	V	GUDIPALLY	509	18.871422	79.652430	6.64	II	POTHAMPALLY
430	18.780046	79.671559	9.58	IV	MADDIKAL	470	18.932455	79.572808	20.81	I	MAMIDIGATTU	510	18.871603	79.649210	26.64	II	POTHAMPALLY
431	18.793675	79.666431	11.62	IV	MADDIKAL	471	18.935512	79.571789	7.51	II	MAMIDIGATTU	511	18.869544	79.662976	33.33	III	POTHAMPALLY
432	18.785782	79.663090	13.61	IV	MADDIKAL	472	18.929727	79.573295	18.21	II	MAMIDIGATTU	512	18.856225	79.636355	12.59	IV	POTHAMPALLY
433	18.788303	79.661890	7.53	IV	MADDIKAL	473	18.943502	79.572859	12.70	IV	MAMIDIGATTU	513	18.858902	79.643320	12.15	IV	POTHAMPALLY
434	18.787272	79.663084	6.93	IV	MADDIKAL	474	18.940074	79.582524	16.04	IV	MAMIDIGATTU	514	18.858045	79.638702	13.09	IV	POTHAMPALLY
435	18.783406	79.669578	7.57	IV	MADDIKAL	475	18.933476	79.566750	18.76	IV	MAMIDIGATTU	515	18.868231	79.666063	13.42	IV	POTHAMPALLY
436	18.784532	79.678729	26.41	V	MADDIKAL	476	18.932679	79.571698	7.12	IV	MAMIDIGATTU	516	18.877826	79.652624	22.46	I	DHAMPUR
437	18.792302	79.673687	35.39	V	MADDIKAL	477	18.926410	79.579403	26.43	V	MAMIDIGATTU	517	18.894198	79.634869	21.41	II	DHAMPUR
438	18.778530	79.678436	26.48	V	MADDIKAL	478	18.933218	79.581750	51.84	V	MAMIDIGATTU	518	18.890690	79.636857	20.27	II	DHAMPUR
439	18.825068	79.653909	15.46	I	POLAMPALLY	479	18.930088	79.565055	50.27	V	MAMIDIGATTU	519	18.871937	79.620026	13.36	IV	DHAMPUR
440	18.819057	79.648164	6.20	II	POLAMPALLY	480	18.852677	79.699726	18.66	I	BHEEMARAM	520	18.884923	79.628711	16.21	IV	DHAMPUR
441	18.828714	79.642560	27.57	II	POLAMPALLY	481	18.855783	79.695244	10.56	I	BHEEMARAM	521	18.875362	79.619494	10.90	IV	DHAMPUR
442	18.837456	79.639839	20.72	II	POLAMPALLY	482	18.857419	79.691447	10.71	I	BHEEMARAM	522	18.872357	79.632975	15.06	IV	DHAMPUR
443	18.840911	79.634038	25.42	II	POLAMPALLY	483	18.847567	79.693115	22.09	I	BHEEMARAM	523	18.879043	79.636019	22.48	IV	DHAMPUR
444	18.819037	79.640403	19.25	IV	POLAMPALLY	484	18.865127	79.697267	13.77	II	BHEEMARAM	524	18.876686	79.617614	17.51	IV	DHAMPUR
445	18.819147	79.638152	15.86	IV	POLAMPALLY	485	18.875367	79.712269	7.40	II	BHEEMARAM	525	18.880505	79.624801	17.69	IV	DHAMPUR
446	18.936222	79.606792	10.02	I	AUDAM	486	18.883636	79.695909	10.02	IV	BHEEMARAM	526	18.891350	79.646070	35.34	V	DHAMPUR
447	18.928160	79.601261	21.16	II	AUDAM	487	18.851931	79.704440	6.71	IV	BHEEMARAM	527	18.914666	79.602121	23.00	II	REDDIPALLY
448	18.922911	79.605181	13.04	II	AUDAM	488	18.861130	79.700795	12.24	IV	BHEEMARAM	528	18.916531	79.614647	23.11	II	REDDIPALLY
449	18.937471	79.603081	28.99	III	AUDAM	489	18.880096	79.700751	9.89	IV	BHEEMARAM	529	18.909948	79.616248	14.73	II	REDDIPALLY
450	18.930866	79.594929	15.00	IV	AUDAM	490	18.861969	79.698766	23.65	IV	BHEEMARAM	530	18.899738	79.611401	14.26	IV	REDDIPALLY
451	18.925049	79.593680	31.00	V	AUDAM	491	18.876959	79.713548	15.85	IV	BHEEMARAM	531	18.914492	79.603964	6.83	IV	REDDIPALLY
452	18.938479	79.587400	31.08	V	AUDAM	492	18.870668	79.707197	21.82	IV	BHEEMARAM	532	18.902475	79.595254	15.85	IV	REDDIPALLY
453	18.929951	79.584803	31.95	V	AUDAM	493	18.881878	79.698085	7.28	IV	BHEEMARAM	533	18.918529	79.592664	12.29	IV	REDDIPALLY
454	18.936556	79.592301	38.95	V	AUDAM	494	18.828902	79.706951	17.27	I	ELKESHWARAM	534	18.912617	79.602872	18.15	IV	REDDIPALLY
455	18.932720	79.624164	27.04	V	AUDAM	495	18.830094	79.699661	21.77	I	ELKESHWARAM	535	18.917165	79.593152	13.13	IV	REDDIPALLY

List of Proposed PTs – Mancherial 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
536	18.920421	79.598142	28.53	V	REDDIPALLY	576	18.786238	79.657520	12.85	IV	KUNDARAM	616	18.880763	79.506626	39.24	III	KANKUR
537	18.917219	79.608063	43.57	V	REDDIPALLY	577	18.758311	79.662192	12.83	IV	KUNDARAM	617	18.886705	79.515296	13.47	IV	KANKUR
538	18.909076	79.595444	54.85	V	REDDIPALLY	578	18.784281	79.659302	8.28	IV	KUNDARAM	618	18.901813	79.515265	21.64	IV	KANKUR
539	18.920573	79.602895	57.72	V	REDDIPALLY	579	18.763273	79.661503	6.65	IV	KUNDARAM	619	18.892223	79.535935	23.50	IV	KANKUR
540	18.863301	79.605670	10.68	II	JAIPUR	580	18.768025	79.663157	29.53	V	KUNDARAM	620	18.886416	79.521352	17.27	IV	KANKUR
541	18.864300	79.639251	18.75	II	JAIPUR	581	18.774164	79.655960	30.09	V	KUNDARAM	621	18.881443	79.524989	13.46	IV	KANKUR
542	18.858536	79.614137	14.04	II	JAIPUR	582	18.770415	79.658933	54.83	V	KUNDARAM	622	18.871441	79.529408	59.68	IV	KANKUR
543	18.858226	79.619535	8.61	II	JAIPUR	583	18.704179	79.707262	13.89	I	POWNOOR	623	18.905909	79.505896	15.14	I	MANCHERIAL
544	18.858986	79.617131	11.86	II	JAIPUR	584	18.736261	79.668071	11.83	I	POWNOOR	624	18.911377	79.506565	13.92	I	MANCHERIAL
545	18.866864	79.638011	24.83	IV	JAIPUR	585	18.718344	79.694289	12.12	II	POWNOOR	625	18.913739	79.487372	17.66	I	MANCHERIAL
546	18.856295	79.610244	12.73	IV	JAIPUR	586	18.740405	79.670991	6.22	II	POWNOOR	626	18.913552	79.481268	19.56	I	MANCHERIAL
547	18.873496	79.610409	11.84	IV	JAIPUR	587	18.751955	79.661939	7.42	II	POWNOOR	627	18.888905	79.509423	18.11	I	MANCHERIAL
548	18.874785	79.609706	22.61	IV	JAIPUR	588	18.749281	79.671880	9.81	IV	POWNOOR	628	18.907225	79.491575	30.30	II	MANCHERIAL
549	18.865393	79.626430	14.53	IV	JAIPUR	589	18.746845	79.667725	5.52	IV	POWNOOR	629	18.899970	79.508520	16.37	II	MANCHERIAL
550	18.862693	79.612677	19.16	IV	JAIPUR	590	18.720031	79.696610	12.46	IV	POWNOOR	630	18.897417	79.509426	16.60	II	MANCHERIAL
551	18.868090	79.620045	22.40	IV	JAIPUR	591	18.732575	79.690055	14.88	IV	POWNOOR	631	18.894758	79.516229	14.67	II	MANCHERIAL
552	18.865393	79.596939	6.00	IV	JAIPUR	592	18.745303	79.665956	14.60	IV	POWNOOR	632	18.908096	79.496705	21.82	II	MANCHERIAL
553	18.859233	79.629356	10.55	IV	JAIPUR	593	18.730602	79.691223	18.18	IV	POWNOOR	633	18.891866	79.509967	25.46	III	MANCHERIAL
554	18.866013	79.636371	13.09	IV	JAIPUR	594	18.708491	79.694228	17.86	IV	POWNOOR	634	18.918040	79.507885	38.44	V	MANCHERIAL
555	18.864451	79.612692	8.14	IV	JAIPUR	595	18.745045	79.673241	7.71	IV	POWNOOR	635	18.902251	79.492495	31.22	V	MANCHERIAL
556	18.870249	79.612893	20.90	IV	JAIPUR	596	18.722573	79.701799	12.52	IV	POWNOOR	636	18.860259	79.533401	19.73	II	MUDIGUNTA
557	18.857923	79.622666	24.69	IV	JAIPUR	597	18.738026	79.674738	9.10	IV	POWNOOR	637	18.867032	79.519259	27.68	II	MUDIGUNTA
558	18.872008	79.593992	19.31	II	VENKATRAOPALLY	598	18.742197	79.671567	7.01	IV	POWNOOR	638	18.854201	79.535683	20.46	II	MUDIGUNTA
559	18.906619	79.620670	31.68	III	VENKATRAOPALLY	599	18.713706	79.698274	18.56	IV	POWNOOR	639	18.863617	79.537496	18.57	II	MUDIGUNTA
560	18.892635	79.625806	7.81	IV	VENKATRAOPALLY	600	18.716160	79.699817	49.25	V	POWNOOR	640	18.849298	79.532261	17.97	II	MUDIGUNTA
561	18.889379	79.616802	14.69	IV	VENKATRAOPALLY	601	18.746842	79.681685	73.45	V	POWNOOR	641	18.877631	79.545603	17.43	II	MUDIGUNTA
562	18.881280	79.609013	14.82	IV	VENKATRAOPALLY	602	18.736596	79.686855	47.54	V	POWNOOR	642	18.861695	79.531462	32.71	III	MUDIGUNTA
563	18.886846	79.608510	21.38	IV	VENKATRAOPALLY	603	18.728984	79.701438	32.01	V	POWNOOR	643	18.867301	79.527051	33.46	III	MUDIGUNTA
564	18.890219	79.620589	19.49	IV	VENKATRAOPALLY	604	18.728827	79.687145	26.45	V	POWNOOR	644	18.870956	79.537966	22.62	IV	MUDIGUNTA
565	18.874741	79.592668	11.33	IV	VENKATRAOPALLY	605	18.850634	79.513301	18.39	I	INDARAM	645	18.999510	79.486960	9.95	II	MANDAMARRI
566	18.890383	79.626306	9.15	IV	VENKATRAOPALLY	606	18.851125	79.511866	8.19	II	INDARAM	646	18.991350	79.487652	12.54	II	MANDAMARRI
567	18.884366	79.612165	11.60	IV	VENKATRAOPALLY	607	18.853643	79.511241	9.87	II	INDARAM	647	18.931457	79.450706	10.54	II	MANDAMARRI
568	18.884180	79.598097	26.55	V	VENKATRAOPALLY	608	18.849238	79.517607	48.56	III	INDARAM	648	18.991475	79.493829	17.52	II	MANDAMARRI
569	18.894492	79.614893	43.77	V	VENKATRAOPALLY	609	18.876839	79.520074	20.43	I	KANKUR	649	19.007188	79.482100	6.95	II	MANDAMARRI
570	18.782080	79.653799	12.57	II	KUNDARAM	610	18.888823	79.541539	13.65	I	KANKUR	650	18.989559	79.494650	26.97	III	MANDAMARRI
571	18.787915	79.660033	8.25	II	KUNDARAM	611	18.882291	79.520233	23.21	I	KANKUR	651	18.988787	79.493316	16.79	IV	MANDAMARRI
572	18.756884	79.659383	12.95	II	KUNDARAM	612	18.882198	79.530318	15.42	I	KANKUR	652	18.953987	79.483247	15.23	I	SARANGAPALLY
573	18.765076	79.661764	14.71	IV	KUNDARAM	613	18.888055	79.514539	15.39	II	KANKUR	653	18.956011	79.495120	14.38	II	SARANGAPALLY
574	18.765305	79.654196	10.78	IV	KUNDARAM	614	18.872387	79.524691	28.77	II	KANKUR	654	18.954314	79.488744	19.18	II	SARANGAPALLY
575	18.764066	79.659207	8.44	IV	KUNDARAM	615	18.884293	79.536301	47.51	III	KANKUR	655	18.952818	79.488857	11.47	II	SARANGAPALLY

List of Proposed PTs – Mancherial Range

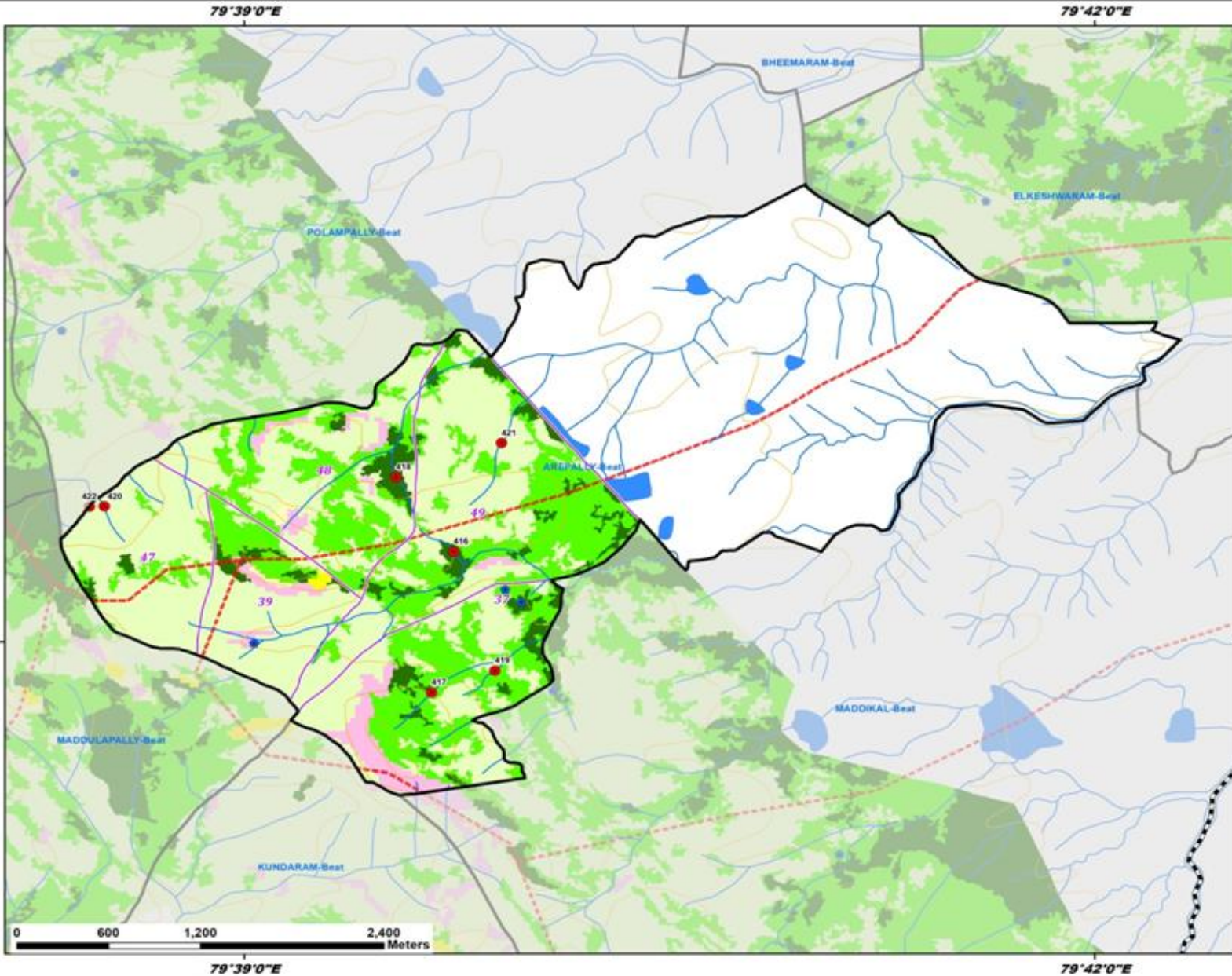
ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat
656	18.942022	79.489071	14.94	IV	SARANGAPALLY
657	18.939248	79.496175	14.89	IV	SARANGAPALLY
658	18.943959	79.493713	15.55	IV	SARANGAPALLY
659	18.945750	79.489355	25.62	V	SARANGAPALLY
660	18.932487	79.493723	14.49	II	TURKAPALLY
661	18.927894	79.514580	19.13	II	TURKAPALLY
662	18.933960	79.492181	5.92	II	TURKAPALLY
663	18.925507	79.509975	27.33	II	TURKAPALLY
664	18.925784	79.493998	16.22	IV	TURKAPALLY
665	18.929315	79.506565	21.71	IV	TURKAPALLY
666	18.933867	79.489544	26.72	V	TURKAPALLY
667	18.915099	79.525691	6.62	I	VENKATAPUR
668	18.914139	79.527141	12.91	I	VENKATAPUR
669	18.916103	79.524145	18.50	I	VENKATAPUR
670	18.917720	79.515473	16.38	IV	VENKATAPUR
671	18.919611	79.511974	67.84	V	VENKATAPUR
672	18.816545	79.634280	14.36	I	GANGIPALLY
673	18.825711	79.619579	20.71	II	GANGIPALLY
674	18.823998	79.632996	10.24	II	GANGIPALLY
675	18.809774	79.618656	25.30	III	GANGIPALLY
676	18.811742	79.627996	7.52	IV	GANGIPALLY
677	18.817615	79.626311	11.13	IV	GANGIPALLY
678	18.808854	79.631783	6.87	IV	GANGIPALLY
679	18.816853	79.628602	8.55	IV	GANGIPALLY
680	18.829057	79.626797	12.98	IV	GANGIPALLY
681	18.833025	79.630821	15.25	IV	GANGIPALLY
682	18.809978	79.631319	8.38	IV	GANGIPALLY
683	18.832778	79.621980	5.72	IV	GANGIPALLY
684	18.834538	79.619188	9.07	IV	GANGIPALLY
685	18.809393	79.627186	15.39	IV	GANGIPALLY
686	18.818392	79.623368	28.50	V	GANGIPALLY
687	18.815983	79.619273	47.94	V	GANGIPALLY
688	18.780919	79.628564	11.83	I	MADDULAPALLY
689	18.785764	79.629903	24.79	I	MADDULAPALLY
690	18.783603	79.637158	18.97	I	MADDULAPALLY
691	18.781538	79.634087	18.66	II	MADDULAPALLY
692	18.784409	79.636077	10.15	IV	MADDULAPALLY
693	18.794258	79.628502	15.11	IV	MADDULAPALLY
694	18.793905	79.636700	16.49	IV	MADDULAPALLY
695	18.799839	79.622909	24.84	IV	MADDULAPALLY

ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat
696	18.801936	79.620519	30.67	V	MADDULAPALLY
697	18.783745	79.620891	35.27	V	MADDULAPALLY
698	18.794352	79.619900	26.79	V	MADDULAPALLY
699	18.781871	79.627377	38.21	III	MADDULAPALLY
700	18.850476	79.603566	8.02	I	PEGADAPALLY
701	18.852171	79.600927	20.66	II	PEGADAPALLY
702	18.832080	79.611114	20.55	II	PEGADAPALLY
703	18.847785	79.625199	26.69	III	PEGADAPALLY
704	18.852363	79.618178	10.77	IV	PEGADAPALLY
705	18.852851	79.610380	10.96	IV	PEGADAPALLY
706	18.851253	79.611508	8.84	IV	PEGADAPALLY
707	18.851087	79.612655	8.67	IV	PEGADAPALLY
708	18.834274	79.602306	7.53	IV	PEGADAPALLY
709	18.832366	79.606279	9.98	IV	PEGADAPALLY
710	18.852639	79.618999	17.00	IV	PEGADAPALLY
711	18.840559	79.624649	12.31	IV	PEGADAPALLY
712	18.849138	79.615314	22.41	IV	PEGADAPALLY
713	18.836089	79.618963	20.87	IV	PEGADAPALLY
714	18.835647	79.616109	13.24	IV	PEGADAPALLY
715	18.839938	79.601871	28.46	V	PEGADAPALLY
716	18.853175	79.614122	39.88	V	PEGADAPALLY

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



Division : Mancherial
Range : Mancherial



ID	Latitude	Longitude	Catchment Area_ha	Priority
416	18.805741	79.662315	14.56	I
417	18.796768	79.661033	9.68	II
418	18.810489	79.658947	27.85	II
419	18.798148	79.664755	7.84	II
420	18.808633	79.641792	16.45	IV
421	18.812656	79.665135	22.17	IV
422	18.808602	79.640918	59.57	V

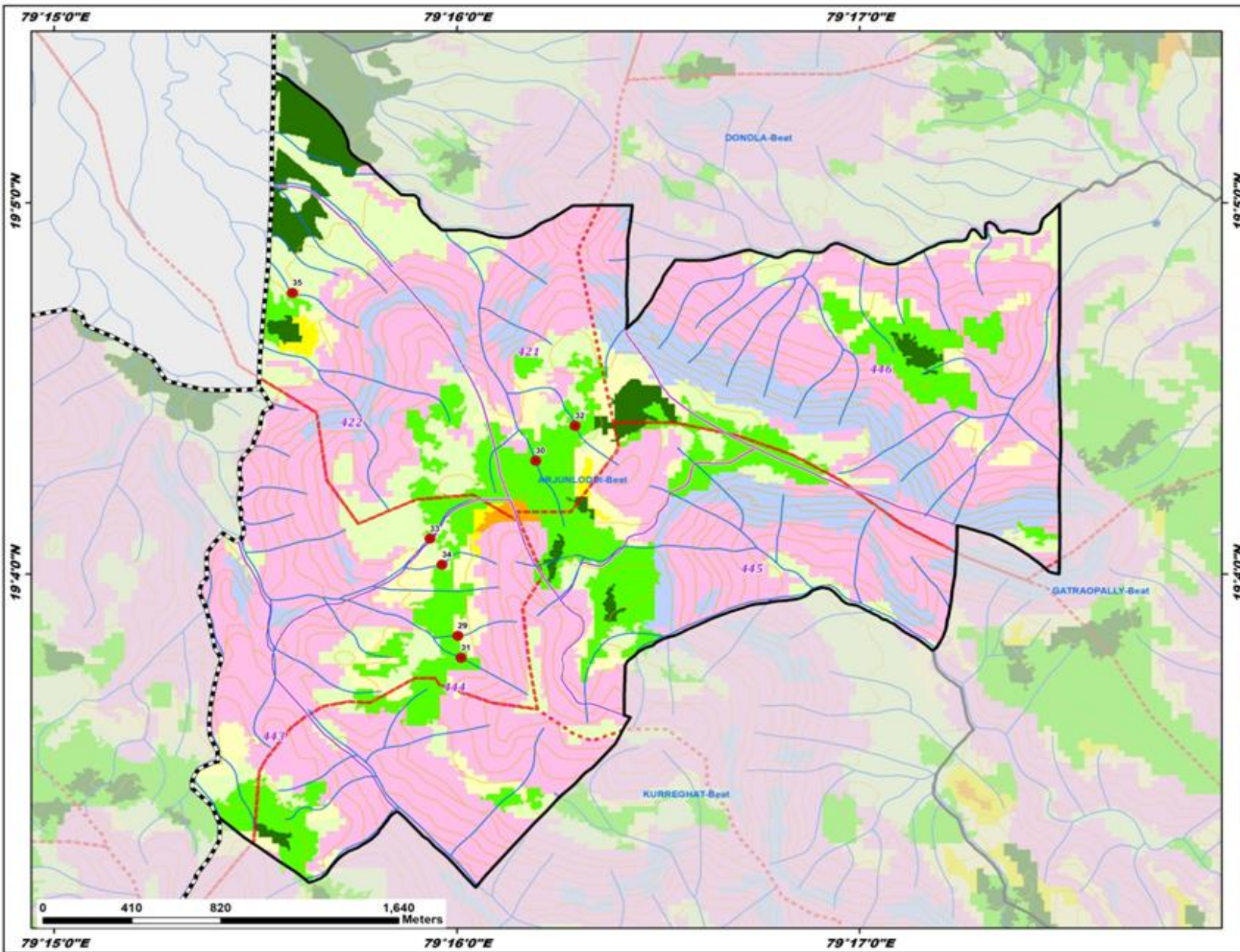
Legend

- 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 Arjunlodi Beat



Division : Mancherial
Range : Mancherial



ID	Latitude	Longitude	Catchment Area_ha	Priority
29	19.063898	79.266707	5.45	II
30	19.071757	79.269933	14.73	II
31	19.062918	79.266840	9.49	II
32	19.073326	79.271558	7.32	II
33	19.068257	79.265556	7.83	IV
34	19.067095	79.266046	6.00	IV
35	19.079288	79.259868	9.02	IV

Legend

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

Suitability Index

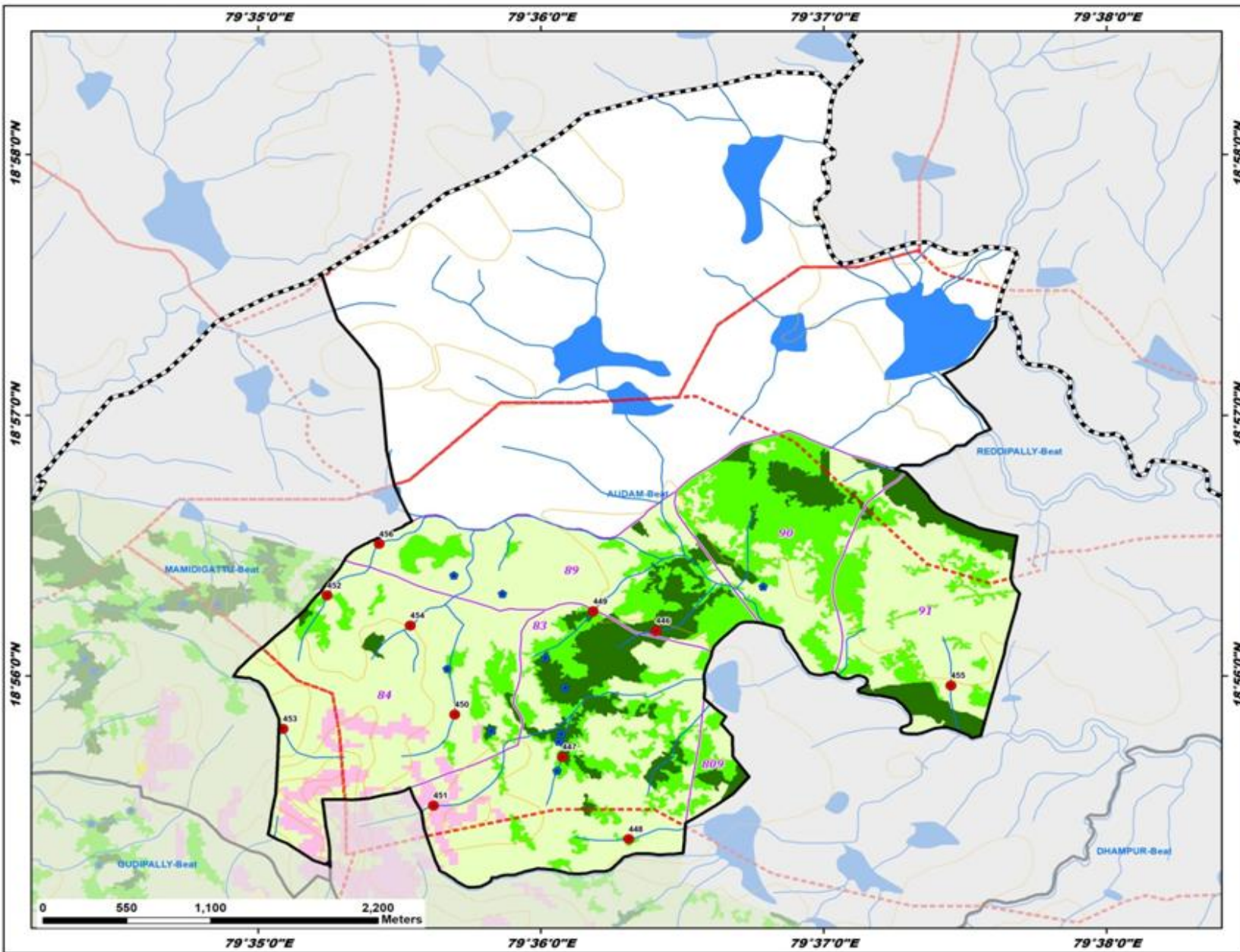
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body



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



Division : Mancherial
Range : Mancherial



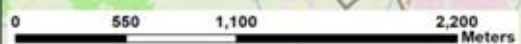
ID	Latitude	Longitude	Catchment Area_ha	Priority
446	18.936222	79.606792	10.02	I
447	18.928160	79.601261	21.16	II
448	18.922911	79.605181	13.04	II
449	18.937471	79.603081	28.99	III
450	18.930866	79.594929	15.00	IV
451	18.925049	79.593680	31.00	V
452	18.938479	79.587400	31.08	V
453	18.929951	79.584803	31.95	V
454	18.936556	79.592301	38.95	V
455	18.932720	79.624164	27.04	V
456	18.941772	79.590466	60.40	V

Legend

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

Suitability Index

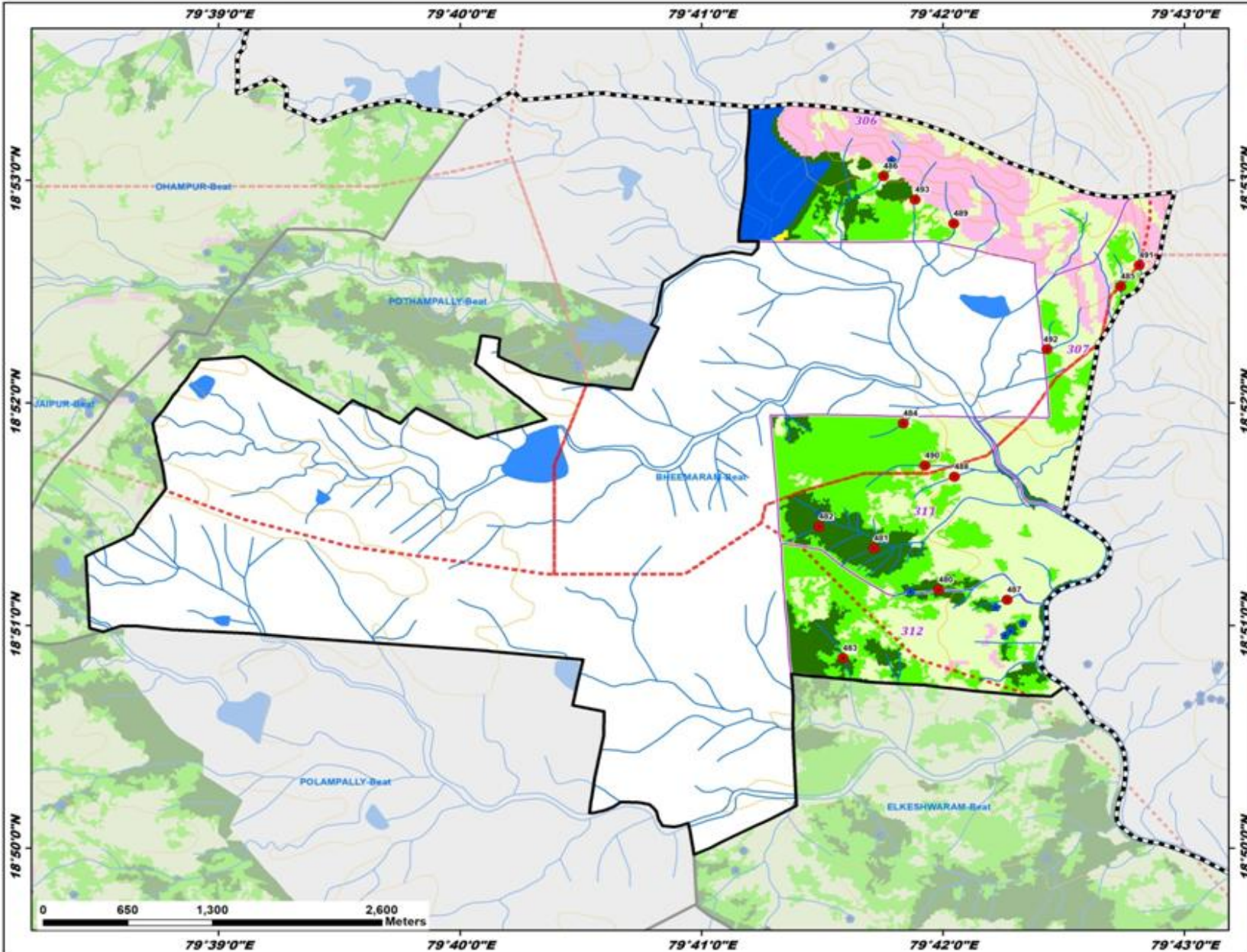
- Orange: CCTs/SCTs - Highly Suitable
- Yellow: CCTs/SCTs - Moderately Suitable
- Light Green: CCTs/SCTs - Least Suitable
- Dark Green: PTs - Highly Suitable
- Light Green: PTs - Moderately Suitable
- Very Light Green: PTs - Least Suitable
- Pink: MPTs and SGPs - Suitable
- White: Not Suitable
- Blue: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



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



Division : Mancherial
Range : Mancherial



ID	Latitude	Longitude	Catchment Area_ha	Priority
480	18.852677	79.699726	18.66	I
481	18.855783	79.695244	10.56	I
482	18.857419	79.691447	10.71	I
483	18.847567	79.693115	22.09	I
484	18.865127	79.697267	13.77	II
485	18.875367	79.712269	7.40	II
486	18.883636	79.695909	10.02	IV
487	18.851931	79.704440	6.71	IV
488	18.861130	79.700795	12.24	IV
489	18.880096	79.700751	9.89	IV
490	18.861969	79.698766	23.65	IV
491	18.876959	79.713548	15.85	IV
492	18.870668	79.707197	21.82	IV
493	18.881878	79.698085	7.28	IV

Legend

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

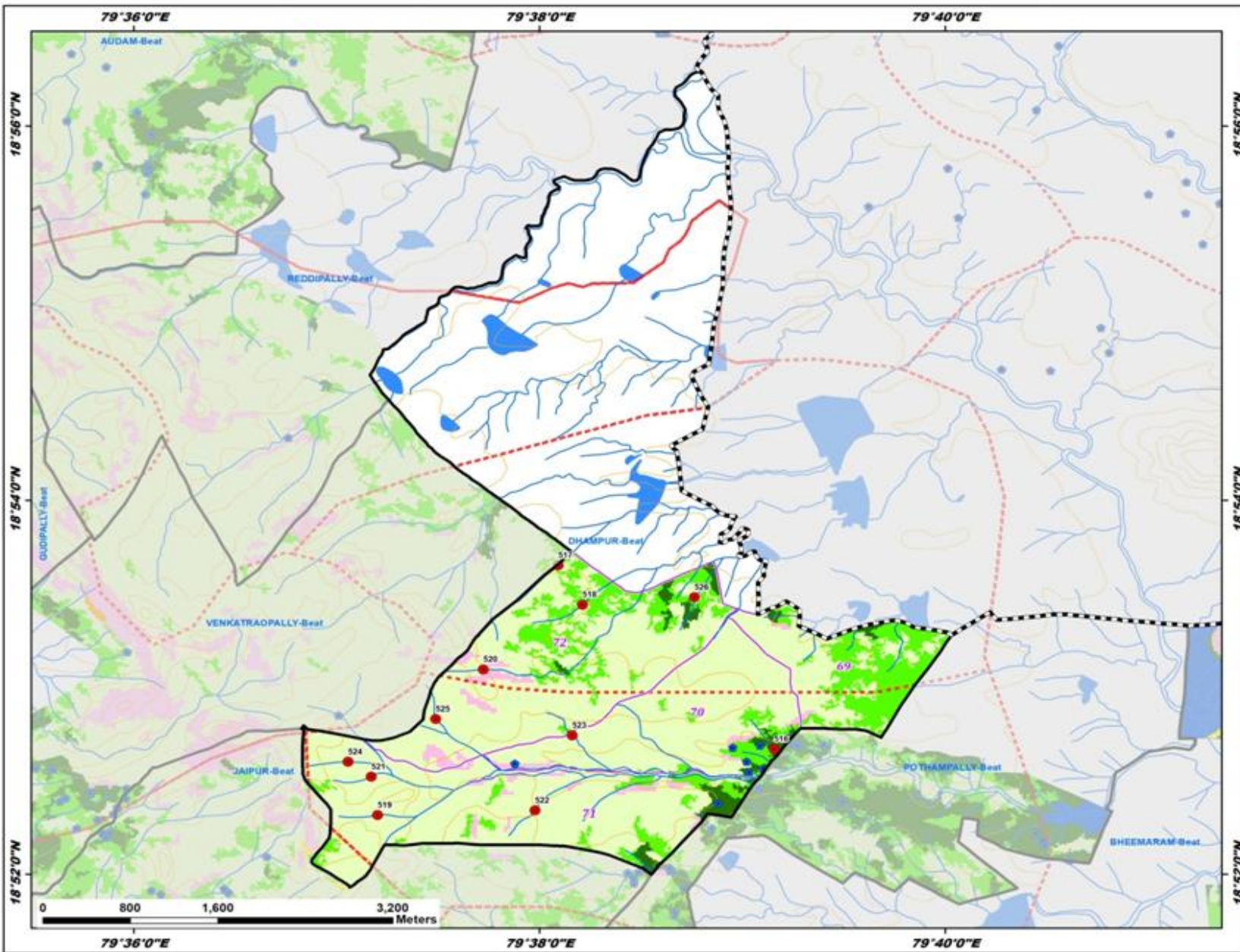
Suitability Index

- 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 Dhampur Beat



Division : Mancherial
Range : Mancherial



ID	Latitude	Longitude	Catchment Area_ha	Priority
516	18.877826	79.652624	22.46	I
517	18.894198	79.634869	21.41	II
518	18.890690	79.636857	20.27	II
519	18.871937	79.620026	13.36	IV
520	18.884923	79.628711	16.21	IV
521	18.875362	79.619494	10.90	IV
522	18.872357	79.632975	15.06	IV
523	18.879043	79.636019	22.48	IV
524	18.876686	79.617614	17.51	IV
525	18.880505	79.624801	17.69	IV
526	18.891350	79.646070	35.34	V

Legend

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

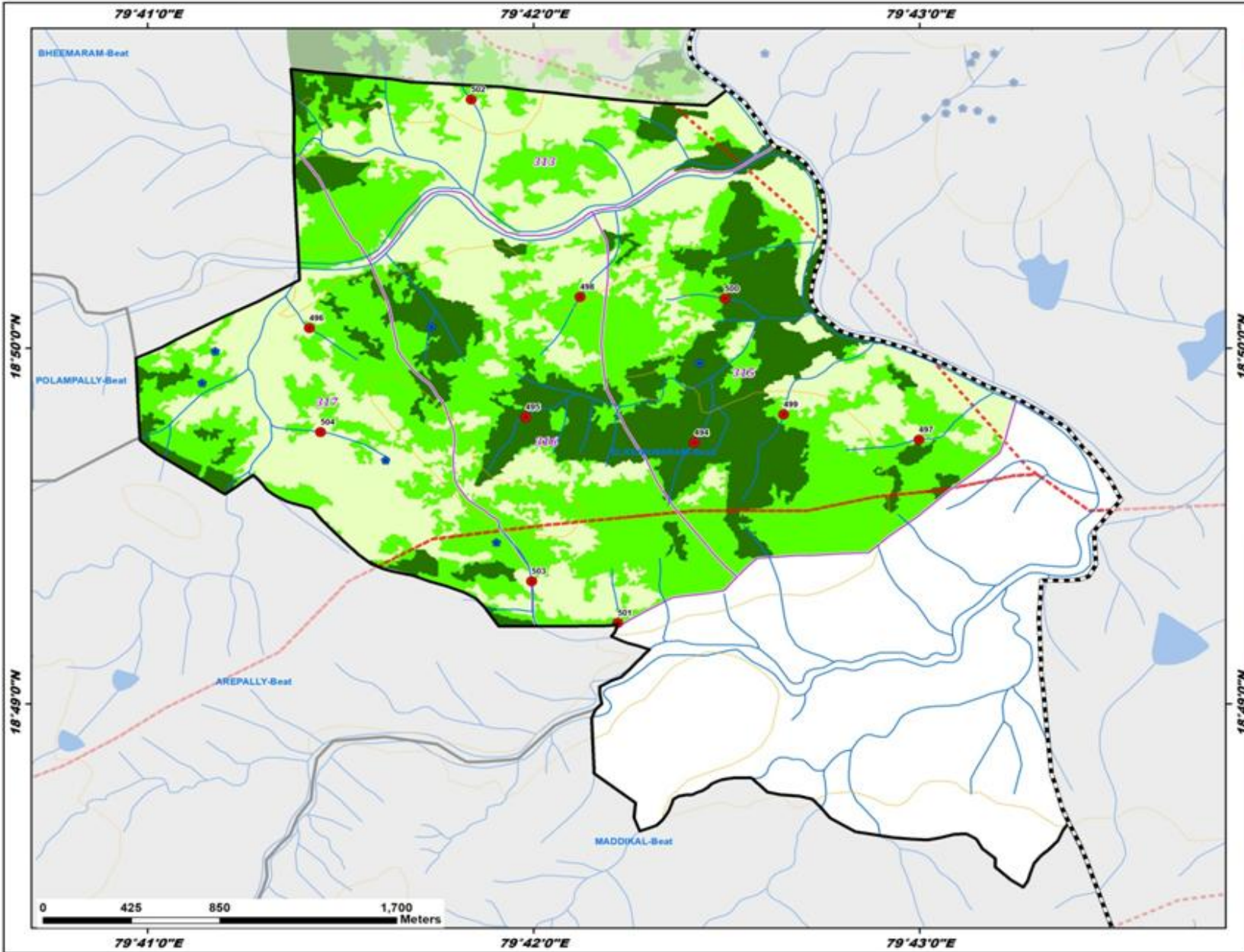
Suitability Index

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

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



Division : Mancherial
Range : Mancherial



ID	Latitude	Longitude	Catchment Area_ha	Priority
494	18.828902	79.706951	17.27	I
495	18.830094	79.699661	21.77	I
496	18.834263	79.690323	10.92	II
497	18.829042	79.716643	22.39	II
498	18.835725	79.702012	17.73	II
499	18.830222	79.710799	20.31	II
500	18.835642	79.708251	10.23	II
501	18.820457	79.703639	9.55	II
502	18.844966	79.697305	24.90	IV
503	18.822411	79.699921	15.67	IV
504	18.829395	79.690809	19.10	IV

Legend

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

Suitability Index

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



79°41'0"E 79°42'0"E 79°43'0"E

18°50'0"N

18°49'0"N

18°50'0"N

18°49'0"N

BHEEMARAM-Beat

POLAMPALLY-Beat

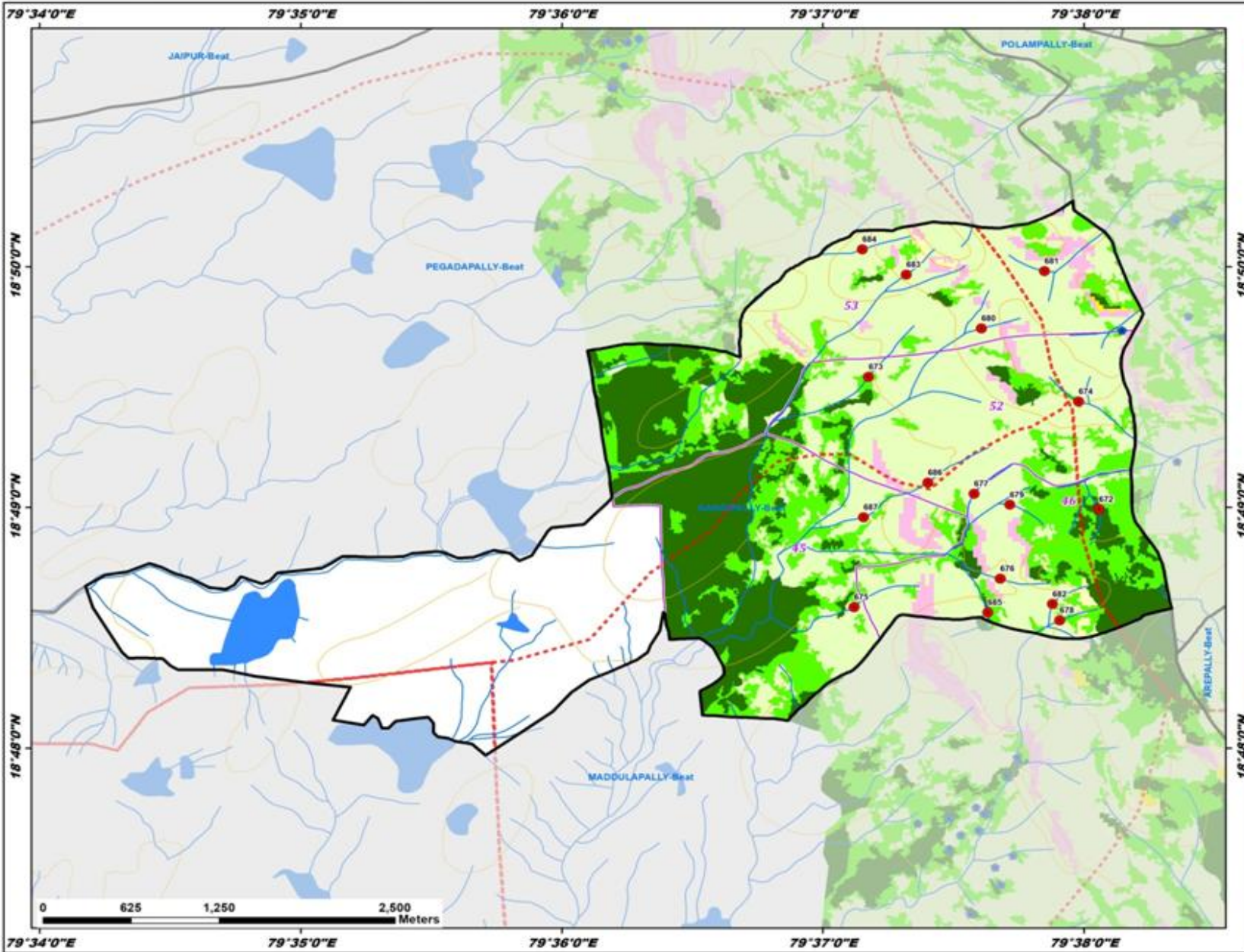
AREPALLY-Beat

MADDIKAL-Beat

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



Division : Mancherial
Range : Mancherial



ID	Latitude	Longitude	Catchment Area_ha	Priority
672	18.816545	79.634280	14.36	I
673	18.825711	79.619579	20.71	II
674	18.823998	79.632996	10.24	II
675	18.809774	79.618656	25.30	III
676	18.811742	79.627996	7.52	IV
677	18.817615	79.626311	11.13	IV
678	18.808854	79.631783	6.87	IV
679	18.816853	79.628602	8.55	IV
680	18.829057	79.626797	12.98	IV
681	18.833025	79.630821	15.25	IV
682	18.809978	79.631319	8.38	IV
683	18.832778	79.621980	5.72	IV
684	18.834538	79.619188	9.07	IV
685	18.809393	79.627186	15.39	IV
686	18.818392	79.623368	28.50	V
687	18.815983	79.619273	47.94	V

Legend

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

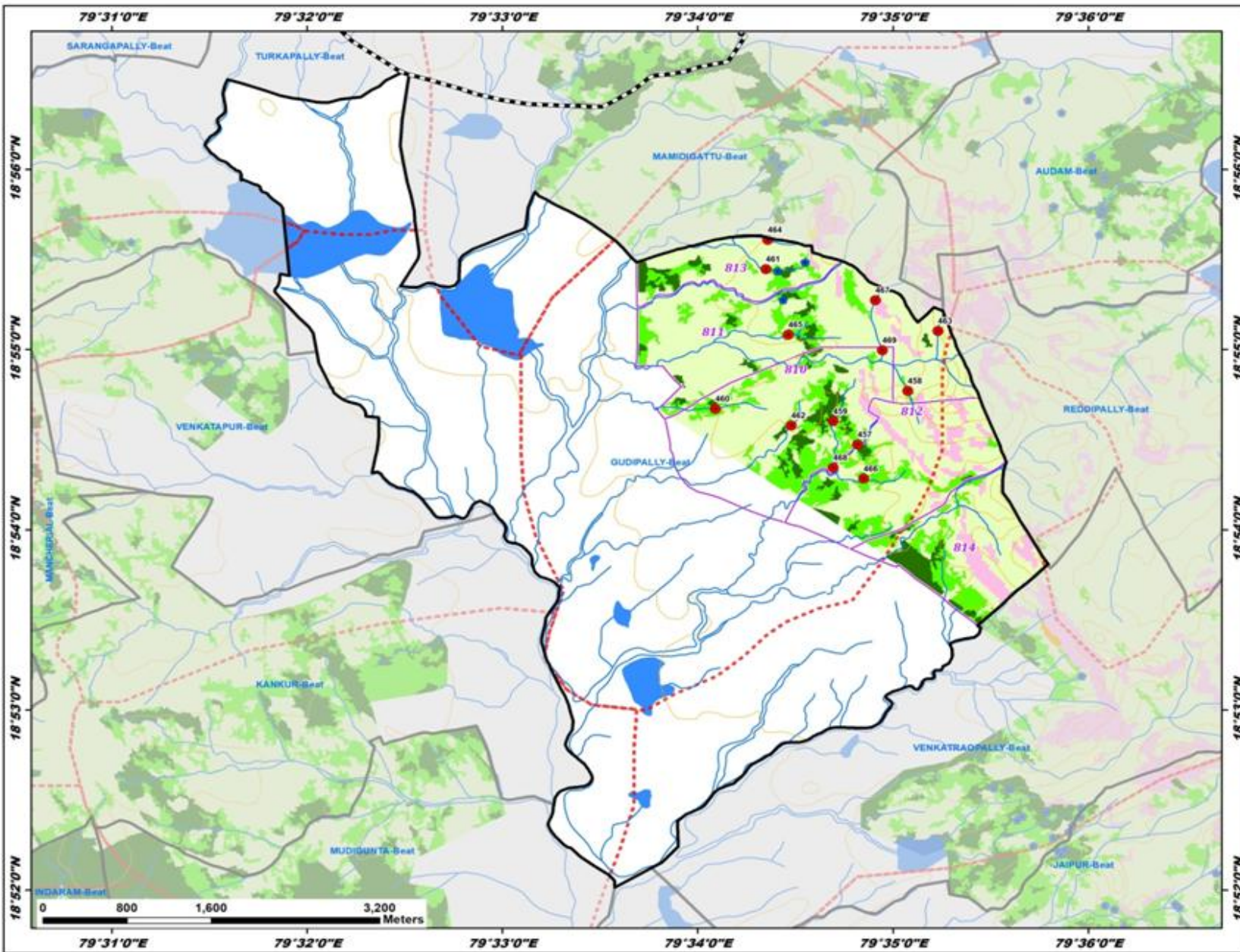
Suitability Index

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

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



Division : Mancherial
Range : Mancherial



ID	Latitude	Longitude	Catchment Area_ha	Priority
457	18.907887	79.580323	15.44	II
458	18.912844	79.584596	15.75	II
459	18.910032	79.578227	17.52	II
460	18.911174	79.568184	25.06	III
461	18.924102	79.572477	10.95	IV
462	18.909633	79.574665	18.10	IV
463	18.918394	79.587166	17.09	IV
464	18.926813	79.572648	11.54	IV
465	18.918030	79.574402	29.17	V
466	18.904720	79.580840	37.08	V
467	18.921236	79.581824	25.30	V
468	18.905729	79.578229	54.68	IV
469	18.916590	79.582426	41.69	V

Legend

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

Suitability Index

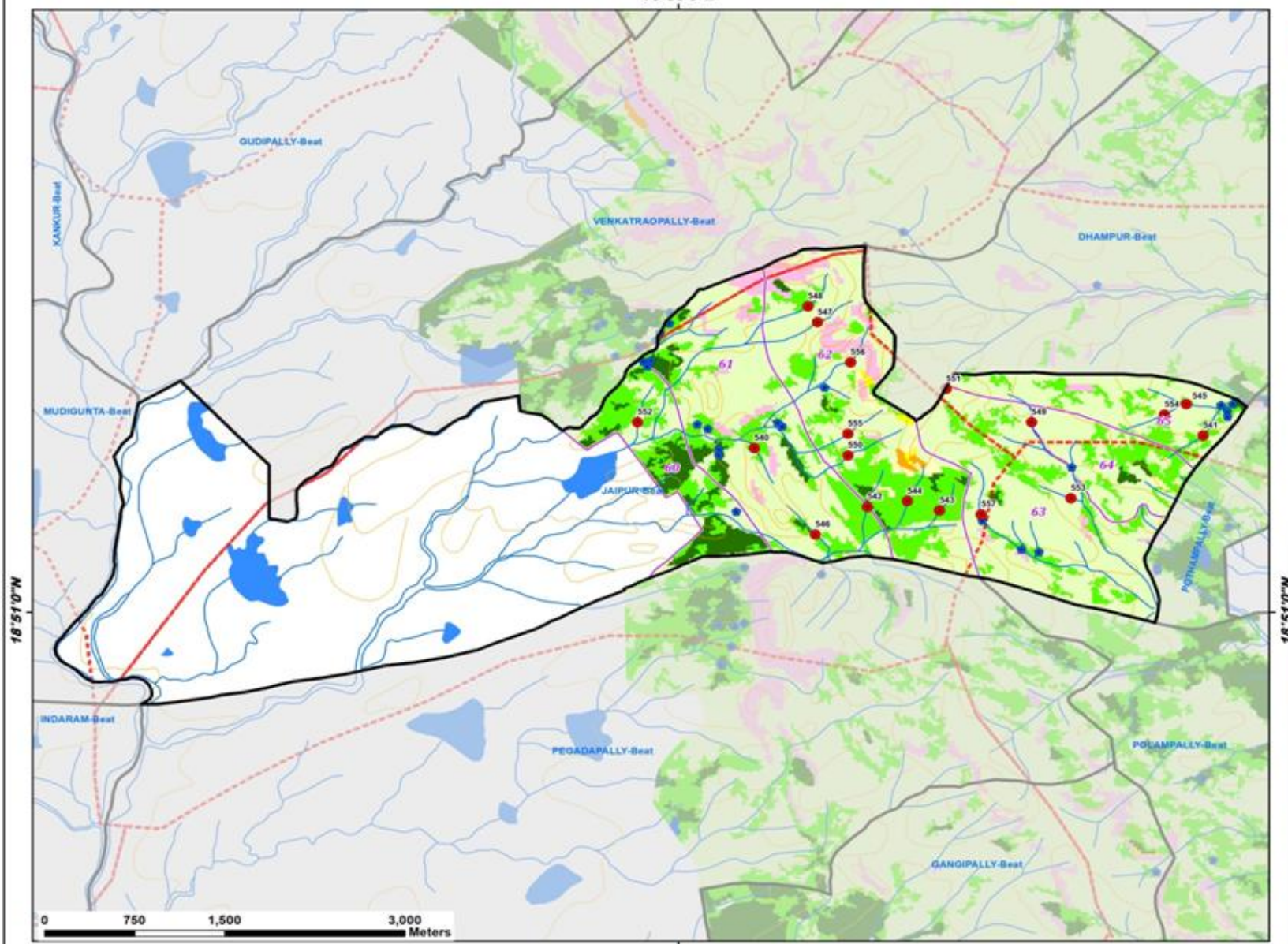
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body

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



Division : Mancherial
Range : Mancherial

79°36'0"E



ID	Latitude	Longitude	Catchment Area_ha	Priority
540	18.861301	79.605670	10.68	II
541	18.864300	79.639251	18.75	II
542	18.858536	79.614137	14.04	II
543	18.858226	79.619535	8.61	II
544	18.858986	79.617131	11.86	II
545	18.866864	79.638011	24.83	IV
546	18.856295	79.610244	12.73	IV
547	18.873496	79.610409	11.84	IV
548	18.874785	79.609706	22.61	IV
549	18.865393	79.626430	14.53	IV
550	18.862693	79.612677	19.16	IV
551	18.868090	79.620045	22.40	IV
552	18.865393	79.596939	6.00	IV
553	18.859233	79.629356	10.55	IV
554	18.866013	79.636371	13.09	IV
555	18.864451	79.612692	8.14	IV
556	18.870249	79.612893	20.90	IV
557	18.857923	79.622666	24.69	IV

Legend

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

Suitability Index

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

79°36'0"E

18°51'0"N

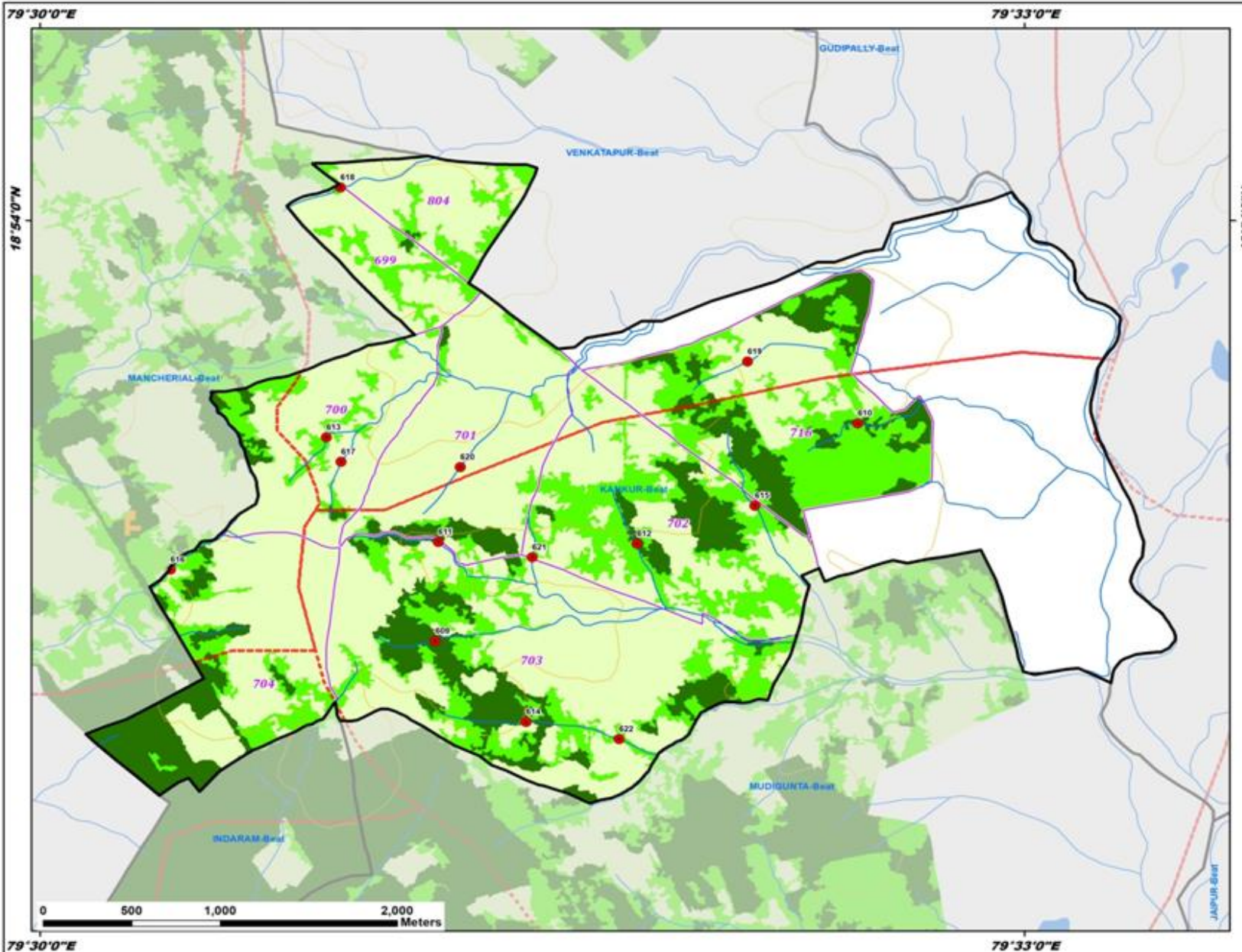
18°51'0"N

0 750 1500 3000 Meters

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



Division : Mancherial
Range : Mancherial



ID	Latitude	Longitude	Catchment Area_ha	Priority
609	18.876839	79.520074	20.43	I
610	18.888823	79.541539	13.65	I
611	18.882291	79.520233	23.21	I
612	18.882198	79.530318	15.42	I
613	18.888055	79.514539	15.39	II
614	18.872387	79.524691	28.77	II
615	18.884293	79.536301	47.51	III
616	18.880763	79.506626	39.24	III
617	18.886705	79.515296	13.47	IV
618	18.901813	79.515265	21.64	IV
619	18.892223	79.535935	23.50	IV
620	18.886416	79.521352	17.27	IV
621	18.881443	79.524989	13.46	IV
622	18.871441	79.529408	59.68	IV

Legend

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

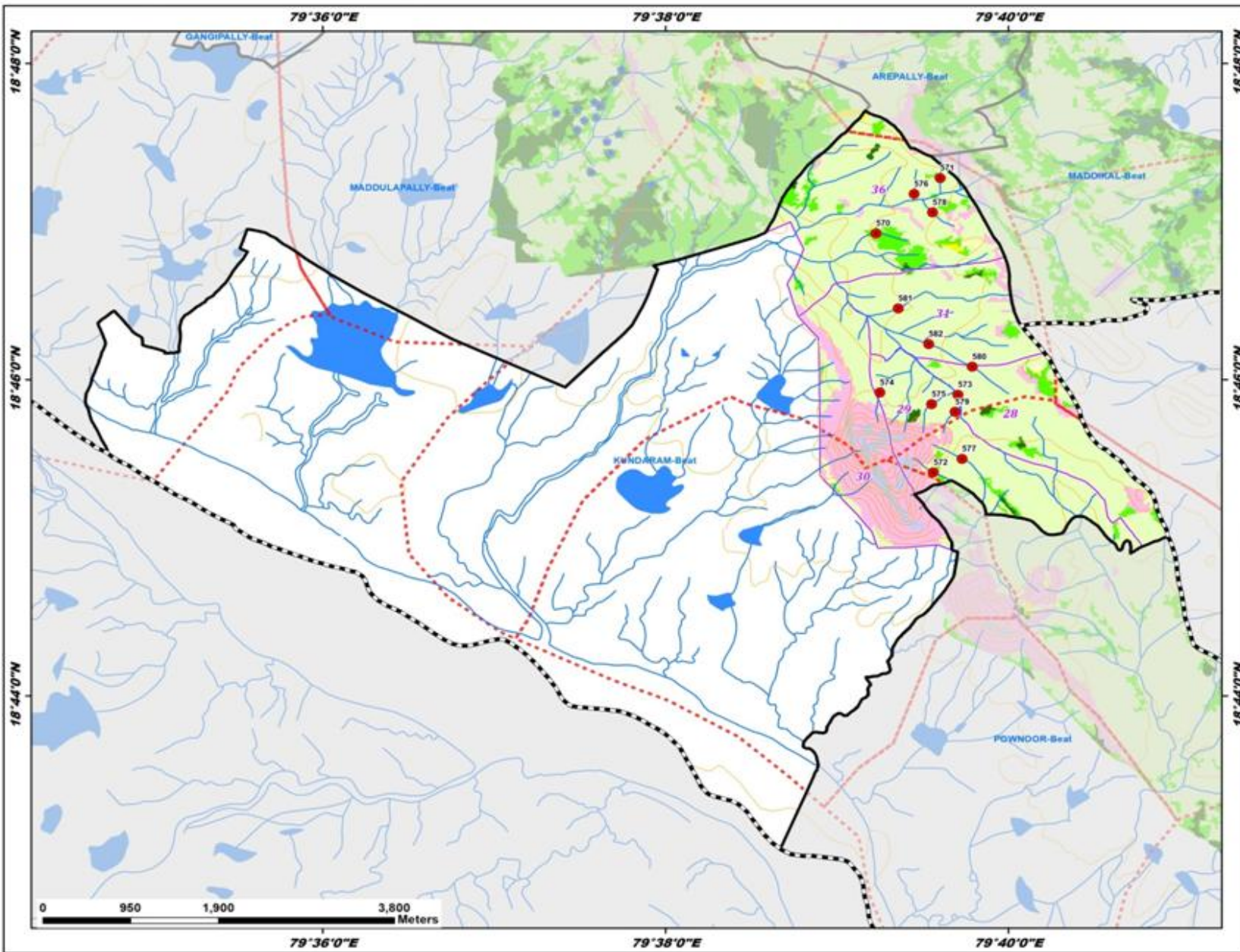
Suitability Index

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

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



Division : Mancherial
Range : Mancherial



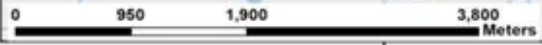
ID	Latitude	Longitude	Catchment Area_ha	Priority
570	18.782080	79.653799	12.57	II
571	18.787915	79.660033	8.25	II
572	18.756884	79.659383	12.95	II
573	18.765076	79.661764	14.71	IV
574	18.765305	79.654196	10.78	IV
575	18.764066	79.659207	8.44	IV
576	18.786238	79.657520	12.85	IV
577	18.758311	79.662192	12.83	IV
578	18.784281	79.659302	8.28	IV
579	18.763273	79.661503	6.65	IV
580	18.768025	79.663157	29.53	V
581	18.774164	79.655960	30.09	V
582	18.770415	79.658933	54.83	V

Legend

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

Suitability Index

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



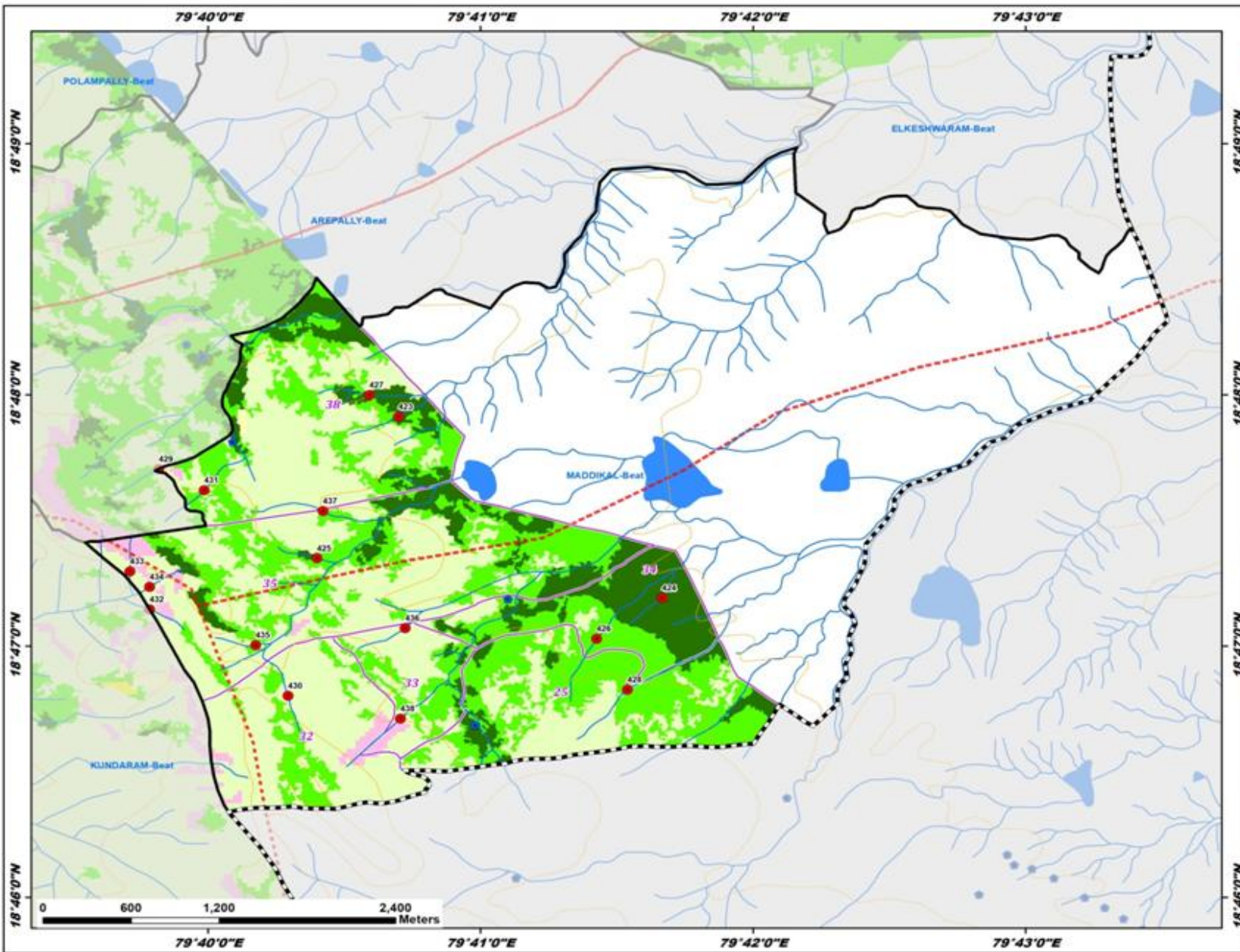
79°36'0"E 79°38'0"E 79°40'0"E

18°48'0"N
18°46'0"N
18°44'0"N

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



Division : Mancherial
Range : Mancherial



ID	Latitude	Longitude	Catchment Area_ha	Priority
423	18.798555	79.678324	10.96	I
424	18.786540	79.694438	8.00	I
425	18.789163	79.673332	24.92	I
426	18.783826	79.690432	24.32	II
427	18.799998	79.676535	23.99	II
428	18.780452	79.692314	32.15	III
429	18.795074	79.663646	12.45	IV
430	18.780046	79.671559	9.58	IV
431	18.793675	79.666431	11.62	IV
432	18.785782	79.663090	13.61	IV
433	18.788303	79.661890	7.53	IV
434	18.787272	79.663084	6.93	IV
435	18.783406	79.669578	7.57	IV
436	18.784532	79.678729	26.41	V
437	18.792302	79.673687	35.39	V
438	18.778530	79.678436	26.48	V

Legend

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

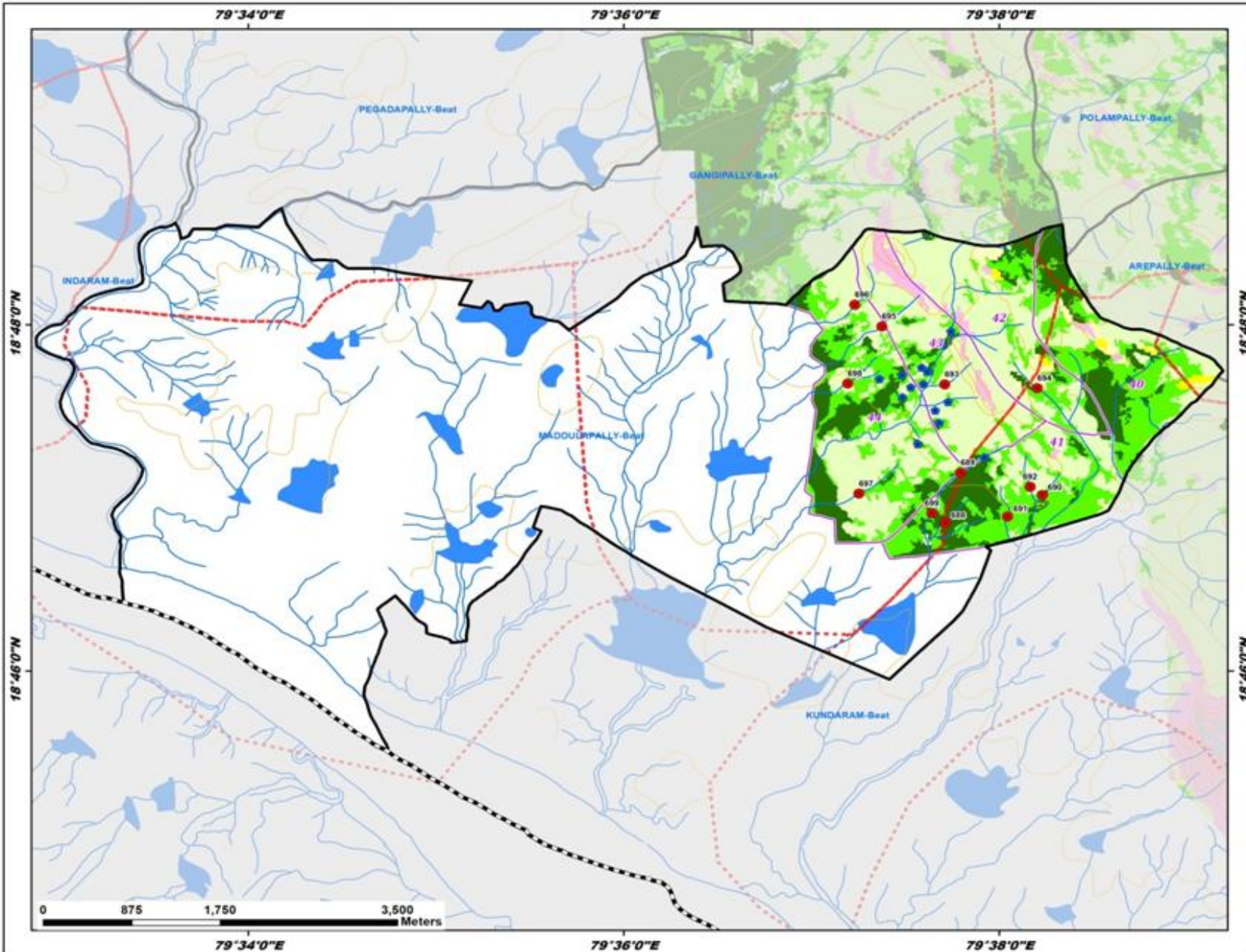
Suitability Index

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

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



Division : Mancherial
Range : Mancherial



ID	Latitude	Longitude	Catchment Area_ha	Priority
688	18.780919	79.628564	11.83	I
689	18.785764	79.629903	24.79	I
690	18.783603	79.637158	18.97	I
691	18.781538	79.634087	18.66	II
692	18.784409	79.636077	10.15	IV
693	18.794258	79.628502	15.11	IV
694	18.793905	79.636700	16.49	IV
695	18.799839	79.622909	24.84	IV
696	18.801936	79.620519	30.67	V
697	18.783745	79.620891	35.27	V
698	18.794352	79.619900	26.79	V
699	18.781871	79.627377	38.21	III

Legend

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

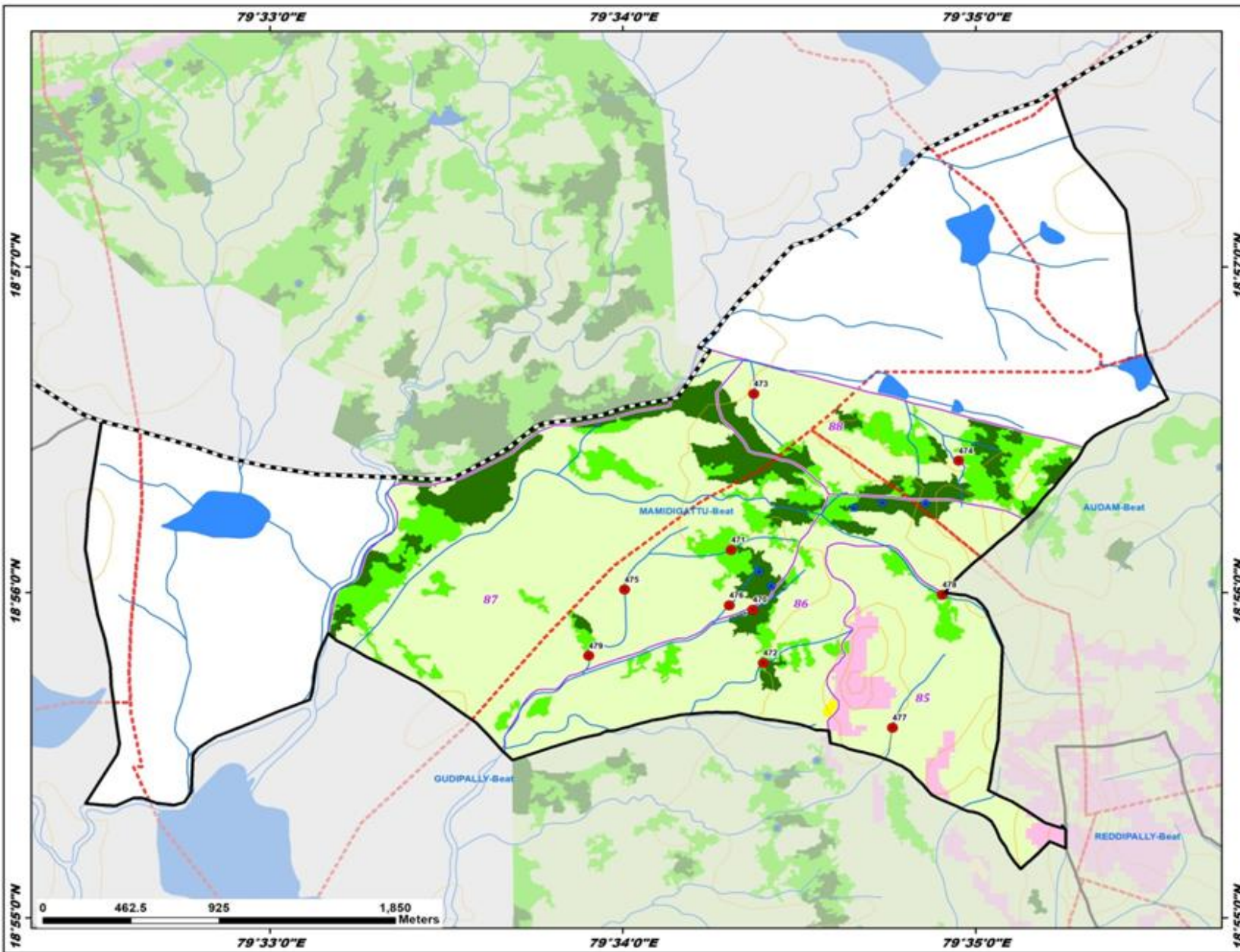
Suitability Index

- 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 Mamidigattu Beat



Division : Mancherial
Range : Mancherial



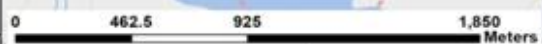
ID	Latitude	Longitude	Catchment Area_ha	Priority
470	18.932455	79.572808	20.81	I
471	18.935512	79.571789	7.51	II
472	18.929727	79.573295	18.21	II
473	18.943502	79.572859	12.70	IV
474	18.940074	79.582524	16.04	IV
475	18.933476	79.566750	18.76	IV
476	18.932679	79.571698	7.12	IV
477	18.926410	79.579403	26.43	V
478	18.933218	79.581750	51.84	V
479	18.930088	79.565055	50.27	V

Legend

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

Suitability Index

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



18°55'0"N

18°56'0"N

18°57'0"N

18°55'0"N

18°56'0"N

18°57'0"N

79°33'0"E

79°34'0"E

79°35'0"E

79°33'0"E

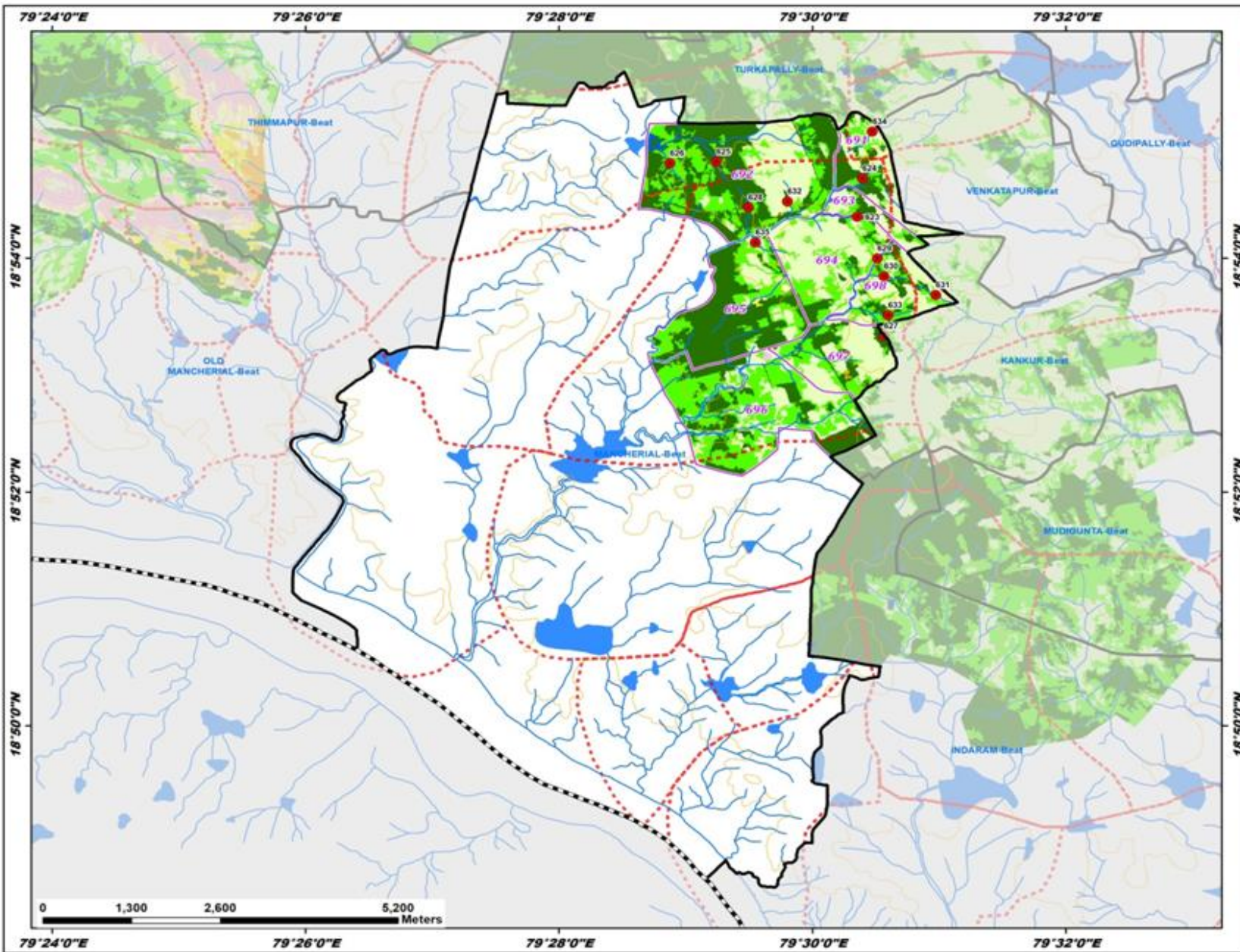
79°34'0"E

79°35'0"E

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



Division : Mancherial
Range : Mancherial



ID	Latitude	Longitude	Catchment Area_ha	Priority
623	18.905909	79.505896	15.14	I
624	18.911377	79.506565	13.92	I
625	18.913739	79.487372	17.66	I
626	18.913552	79.481268	19.56	I
627	18.888905	79.509423	18.11	I
628	18.907225	79.491575	30.30	II
629	18.899970	79.508520	16.37	II
630	18.897417	79.509426	16.60	II
631	18.894758	79.516229	14.67	II
632	18.908096	79.496705	21.82	II
633	18.891866	79.509967	25.46	III
634	18.918040	79.507885	38.44	V
635	18.902251	79.492495	31.22	V

Legend

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

Suitability Index

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



79°24'0"E 79°26'0"E 79°28'0"E 79°30'0"E 79°32'0"E

18°54'0"N

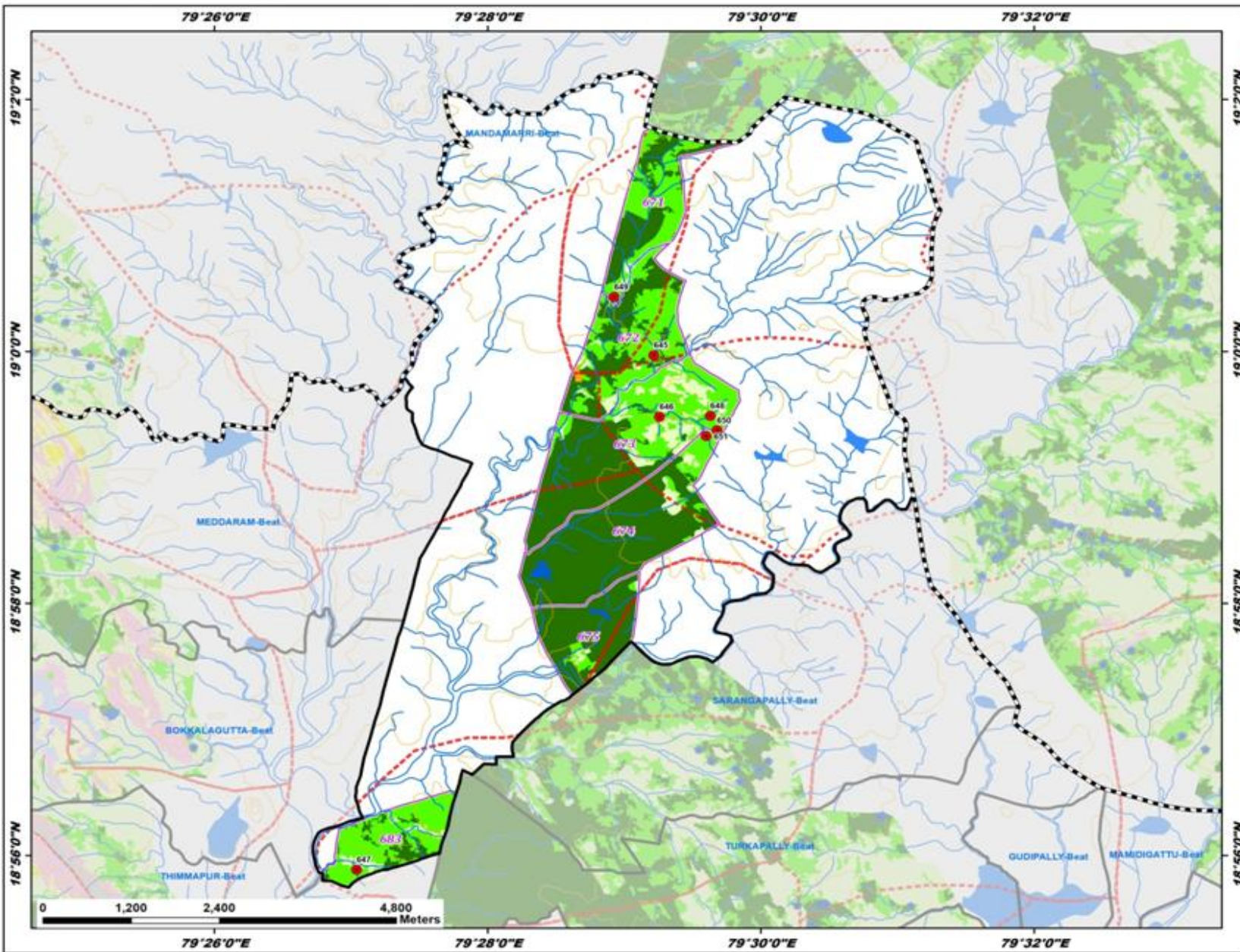
18°52'0"N

18°50'0"N

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



Division : Mancherial
Range : Mancherial



ID	Latitude	Longitude	Catchment Area_ha	Priority
645	18.999510	79.486960	9.95	II
646	18.991350	79.487652	12.54	II
647	18.931457	79.450706	10.54	II
648	18.991475	79.493829	17.52	II
649	19.007188	79.482100	6.95	II
650	18.989559	79.494650	26.97	III
651	18.988787	79.493316	16.79	IV

Legend

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

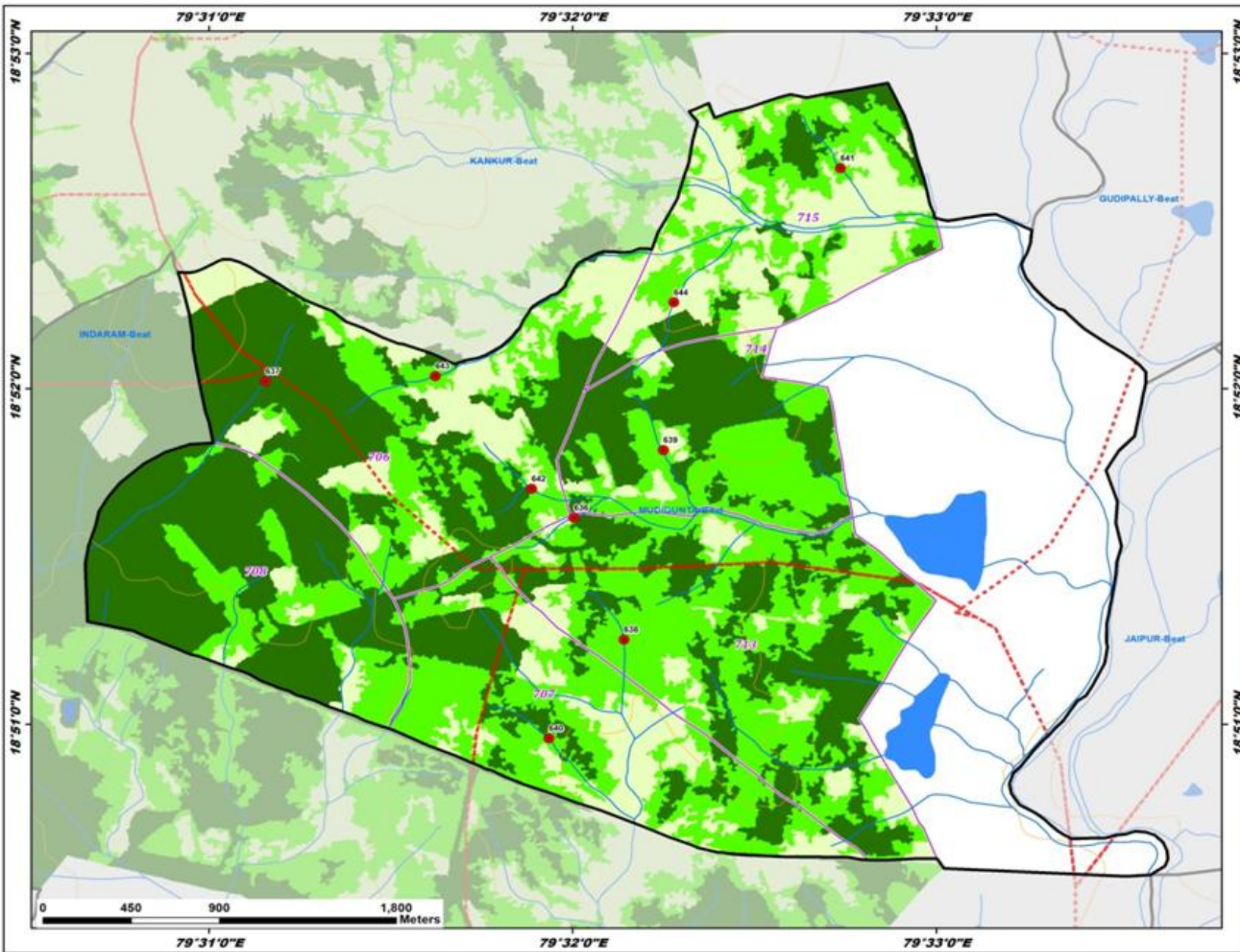
Suitability Index

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

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



Division : Mancherial
Range : Mancherial



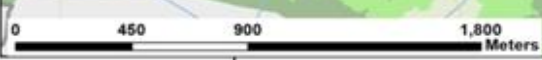
ID	Latitude	Longitude	Catchment Area_ha	Priority
636	18.860259	79.533401	19.73	II
637	18.867032	79.519259	27.68	II
638	18.854201	79.535683	20.46	II
639	18.863617	79.537496	18.57	II
640	18.849298	79.532261	17.97	II
641	18.877631	79.545603	17.43	II
642	18.861695	79.531462	32.71	III
643	18.867301	79.527051	33.46	III
644	18.870956	79.537966	22.62	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



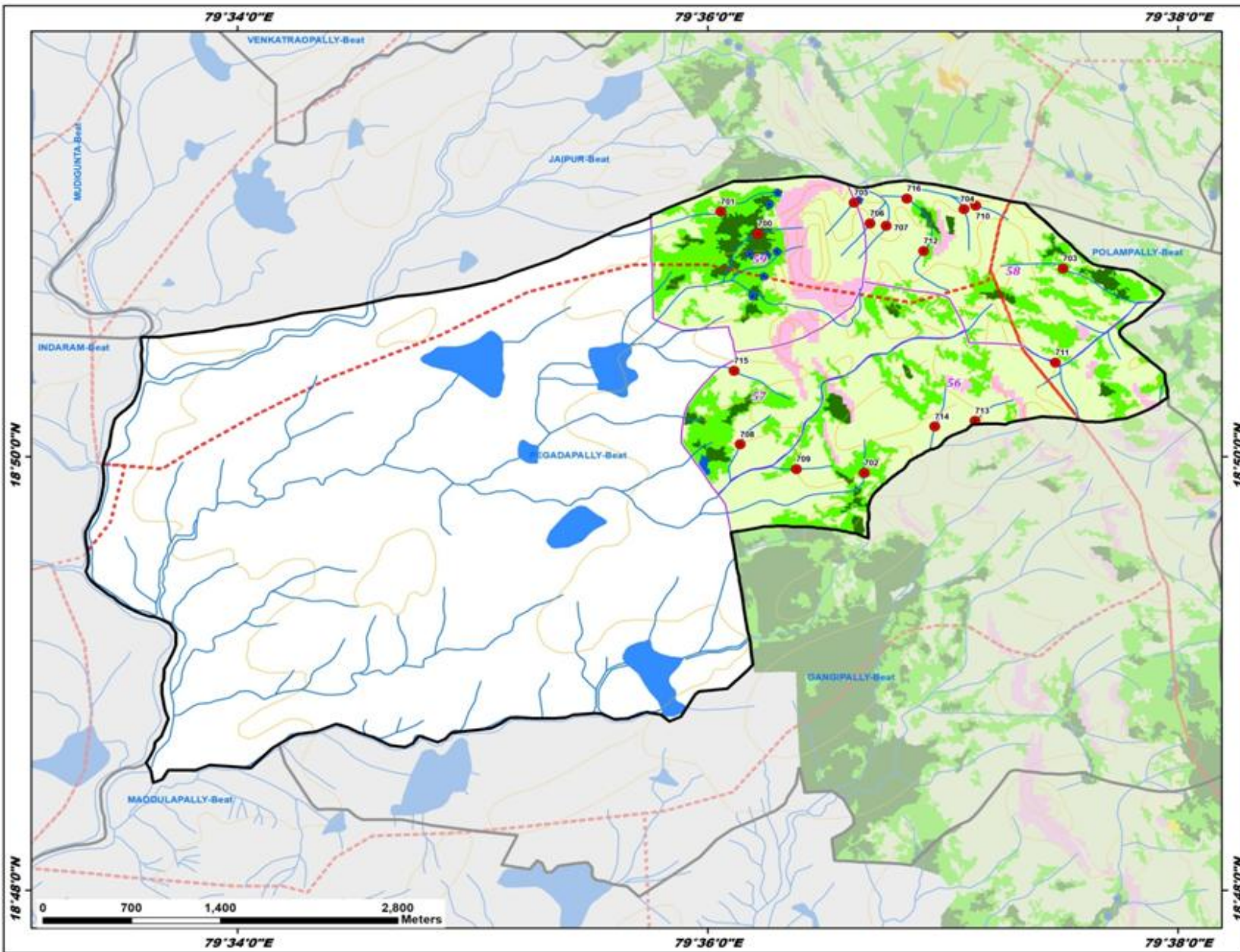
79°31'0"E 79°32'0"E 79°33'0"E

18°53'0"N
18°52'0"N
18°51'0"N

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



Division : Mancherial
Range : Mancherial



ID	Latitude	Longitude	Catchment Area_ha	Priority
700	18.850476	79.603566	8.02	I
701	18.852171	79.600927	20.66	II
702	18.832080	79.611114	20.55	II
703	18.847785	79.625199	26.69	III
704	18.852363	79.618178	10.77	IV
705	18.852851	79.610380	10.96	IV
706	18.851253	79.611508	8.84	IV
707	18.851087	79.612655	8.67	IV
708	18.834274	79.602306	7.53	IV
709	18.832366	79.606279	9.98	IV
710	18.852639	79.618999	17.00	IV
711	18.840559	79.624649	12.31	IV
712	18.849138	79.615314	22.41	IV
713	18.836089	79.618963	20.87	IV
714	18.835647	79.616109	13.24	IV
715	18.839938	79.601871	28.46	V
716	18.853175	79.614122	39.88	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



18°50'0"N
18°48'0"N

18°50'0"N
18°48'0"N

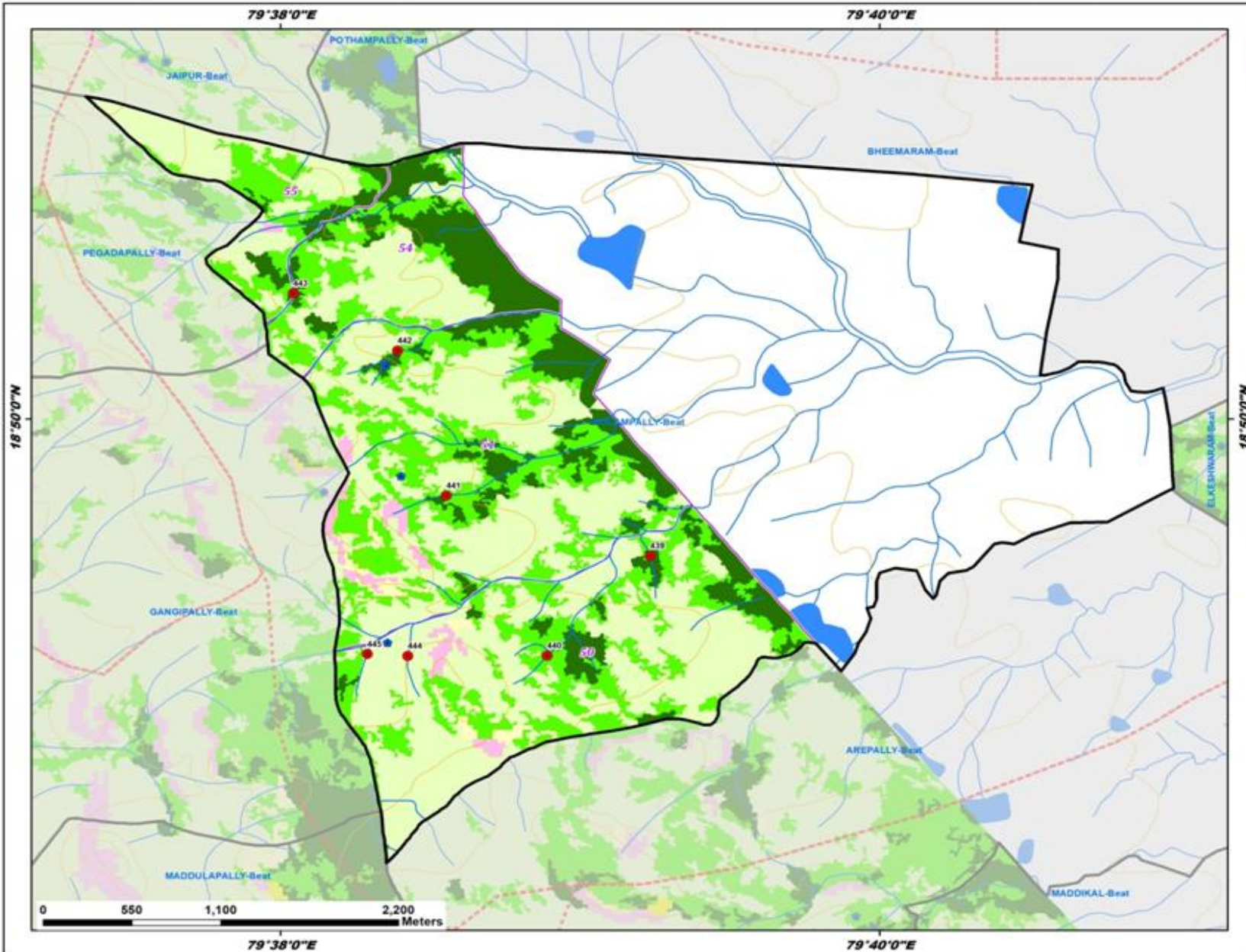
79°34'0"E 79°36'0"E 79°38'0"E

VENKATRAPALLY-Beat
JAJPUR-Beat
POLAMPALLY-Beat
GADAPALLY-Beat
GANDIPALLY-Beat
MAGDULAPALLY-Beat
INDARAM-Beat
MUDGINTA-Beat

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



Division : Mancherial
Range : Mancherial



ID	Latitude	Longitude	Catchment Area_ha	Priority
439	18.825068	79.653909	15.46	I
440	18.819057	79.648164	6.20	II
441	18.828714	79.642560	27.57	II
442	18.837456	79.639839	20.72	II
443	18.840911	79.634038	25.42	II
444	18.819037	79.640403	19.25	IV
445	18.819147	79.638152	15.86	IV

Legend

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

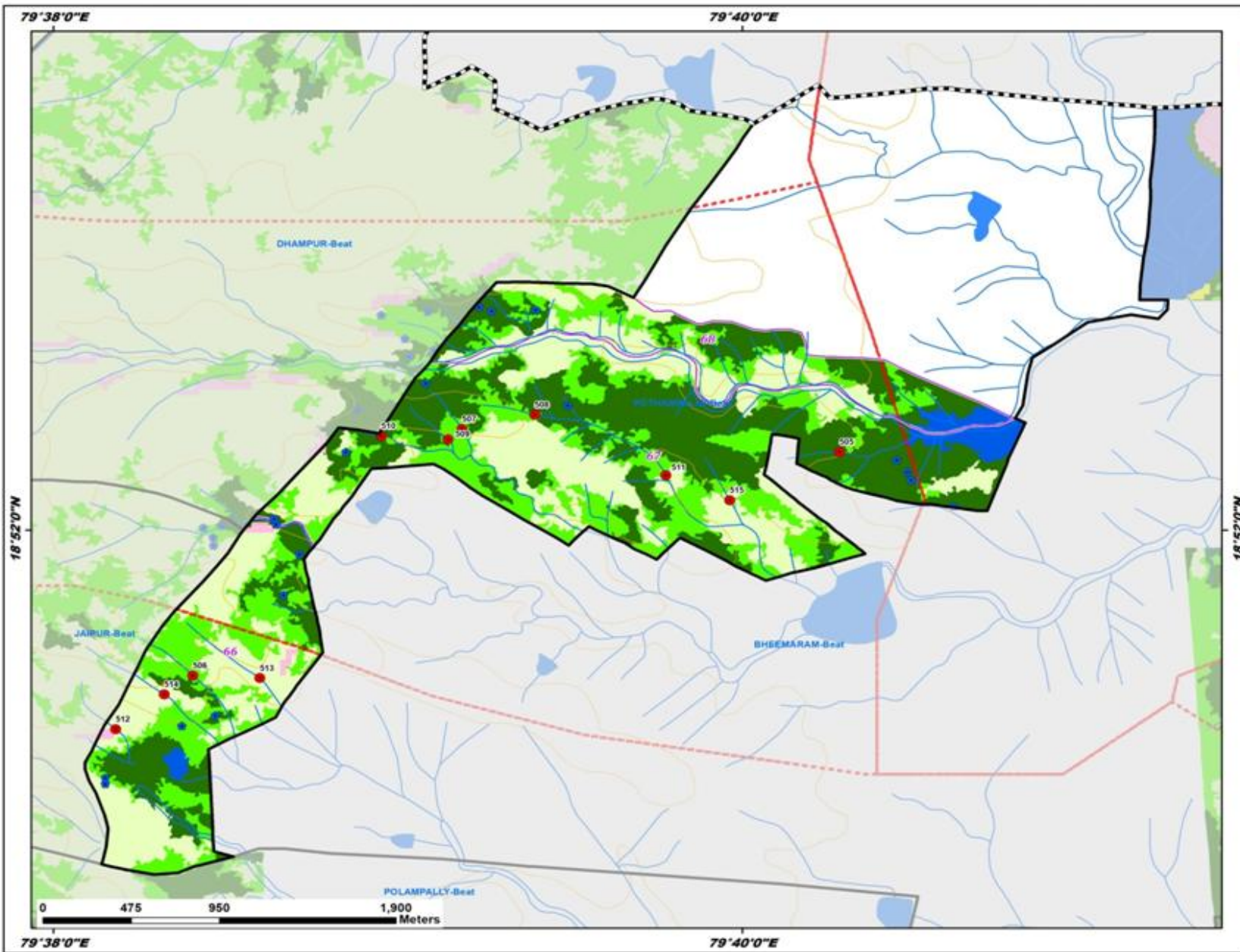
Suitability Index

- 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 Pothampally Beat



Division : Mancherial
Range : Mancherial



ID	Latitude	Longitude	Catchment Area_ha	Priority
505	18.870764	79.671371	9.68	I
506	18.859032	79.640086	8.86	II
507	18.871962	79.653115	5.18	II
508	18.872722	79.656634	8.45	II
509	18.871422	79.652430	6.64	II
510	18.871603	79.649210	26.64	II
511	18.809544	79.662976	33.33	III
512	18.856225	79.636355	12.59	IV
513	18.858902	79.643320	12.15	IV
514	18.858045	79.638702	13.09	IV
515	18.868231	79.666063	13.42	IV

Legend

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

Suitability Index

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



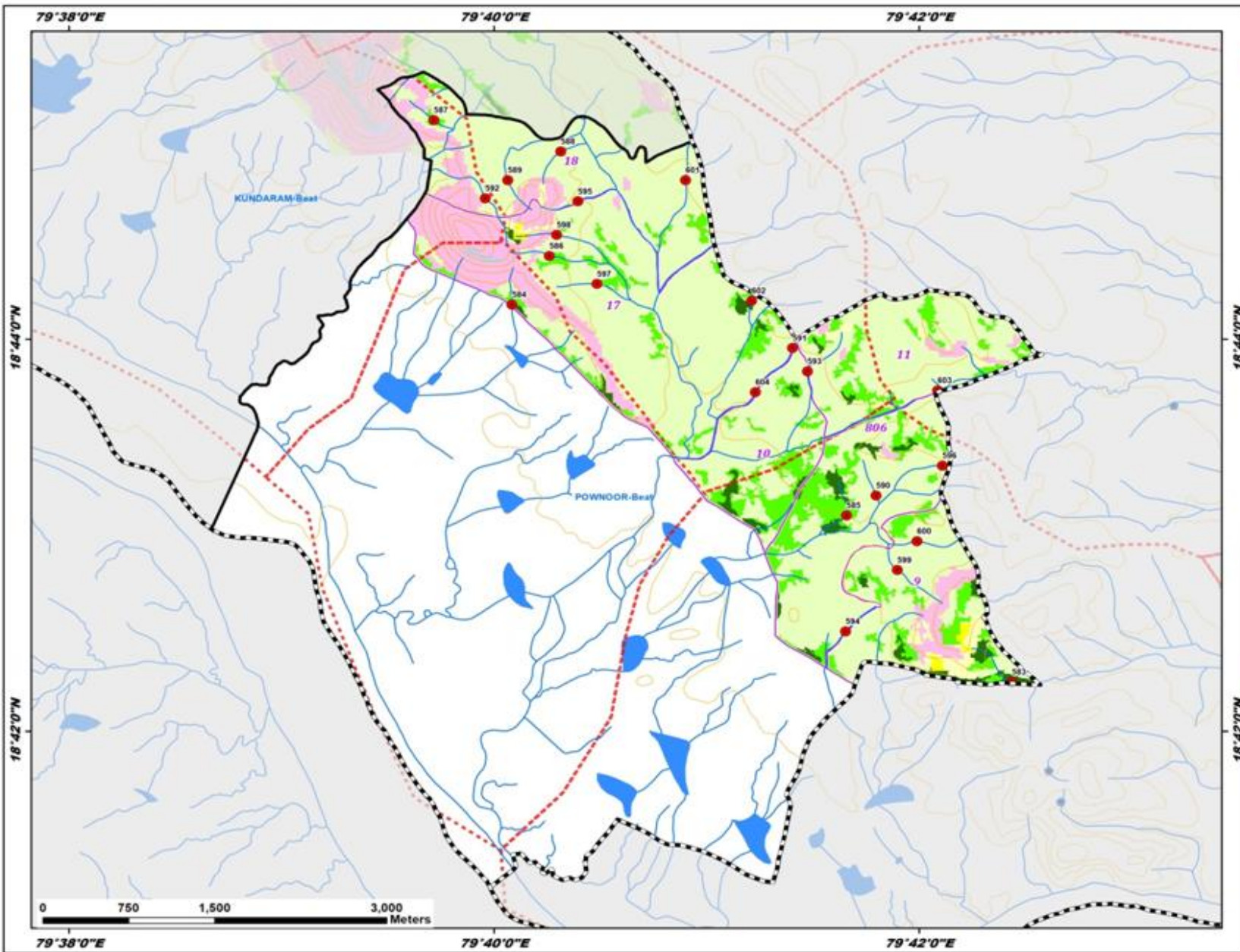
79°38'0"E
18°52'0"N

79°40'0"E
79°40'0"E

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



Division : Mancherial
Range : Mancherial



ID	Latitude	Longitude	Catchment Area_ha	Priority
583	18.704179	79.707262	13.89	I
584	18.736261	79.668071	11.83	I
585	18.718344	79.694289	12.12	II
586	18.740405	79.670991	6.22	II
587	18.751955	79.661939	7.42	II
588	18.749281	79.671880	9.81	IV
589	18.746845	79.667725	5.52	IV
590	18.720031	79.696610	12.46	IV
591	18.732575	79.690055	14.88	IV
592	18.745303	79.665956	14.60	IV
593	18.730602	79.691223	18.18	IV
594	18.708491	79.694228	17.86	IV
595	18.745045	79.673241	7.71	IV
596	18.722573	79.701799	12.52	IV
597	18.738026	79.674738	9.10	IV
598	18.742197	79.671567	7.01	IV
599	18.713706	79.698274	18.56	IV
600	18.716160	79.699817	49.25	V
601	18.746842	79.681685	73.45	V
602	18.736596	79.686855	47.54	V
603	18.728984	79.701438	32.01	V
604	18.728827	79.687145	26.45	V

Legend

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

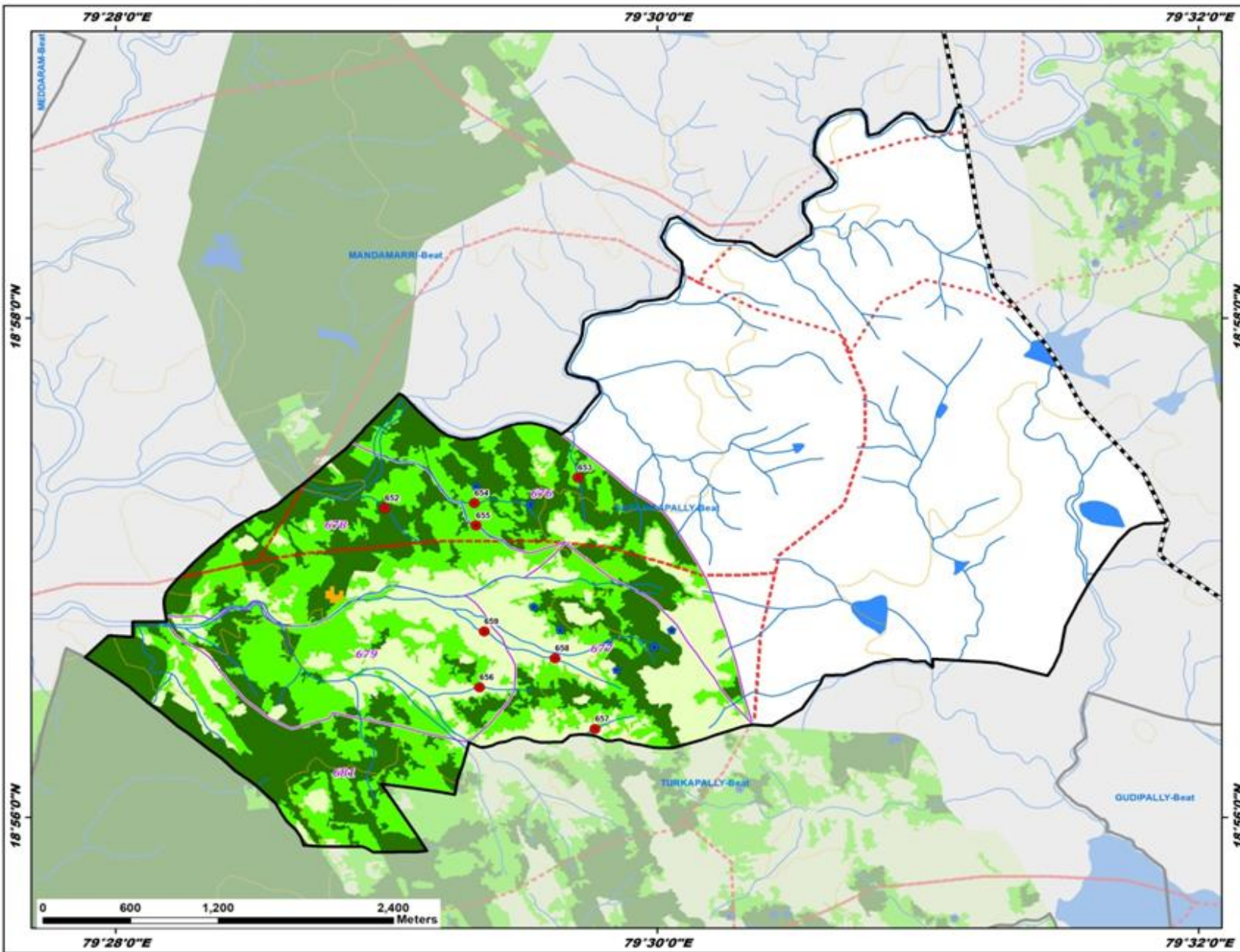
Suitability Index

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

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



Division : Mancherial
Range : Mancherial



ID	Latitude	Longitude	Catchment Area_ha	Priority
652	18.953987	79.483247	15.23	I
653	18.956011	79.495120	14.38	II
654	18.954314	79.488744	19.18	II
655	18.952818	79.488857	11.47	II
656	18.942022	79.489071	14.94	IV
657	18.939248	79.496175	14.89	IV
658	18.943959	79.493713	15.55	IV
659	18.945750	79.489355	25.62	V

Legend

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

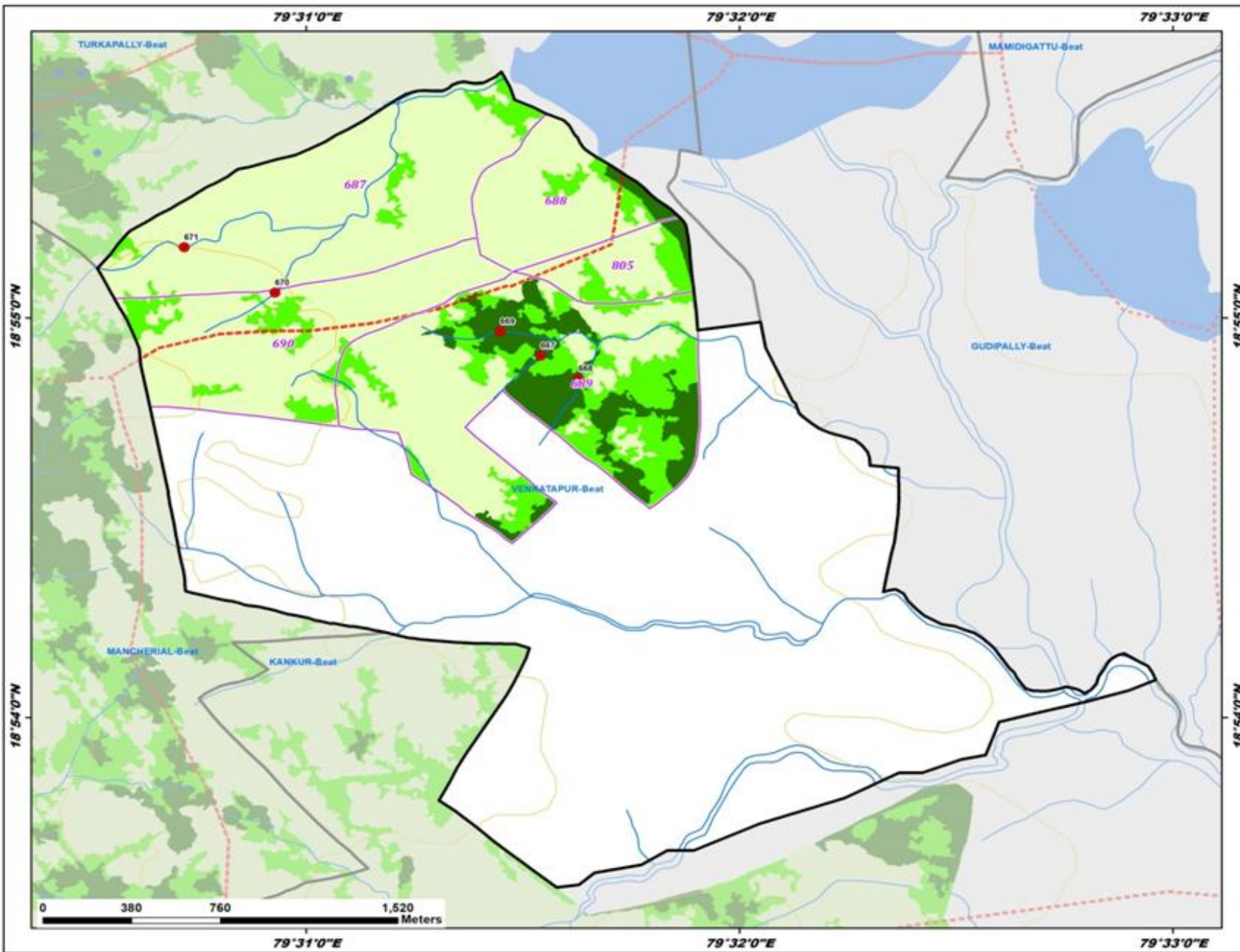
Suitability Index

- 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 Venkatapur Beat



Division : Mancherial
Range : Mancherial



ID	Latitude	Longitude	Catchment Area_ha	Priority
667	18.915099	79.525691	6.62	I
668	18.914139	79.527141	12.91	I
669	18.916103	79.524145	18.50	I
670	18.917720	79.515473	16.38	IV
671	18.919611	79.511974	67.84	V

Legend

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

Suitability Index

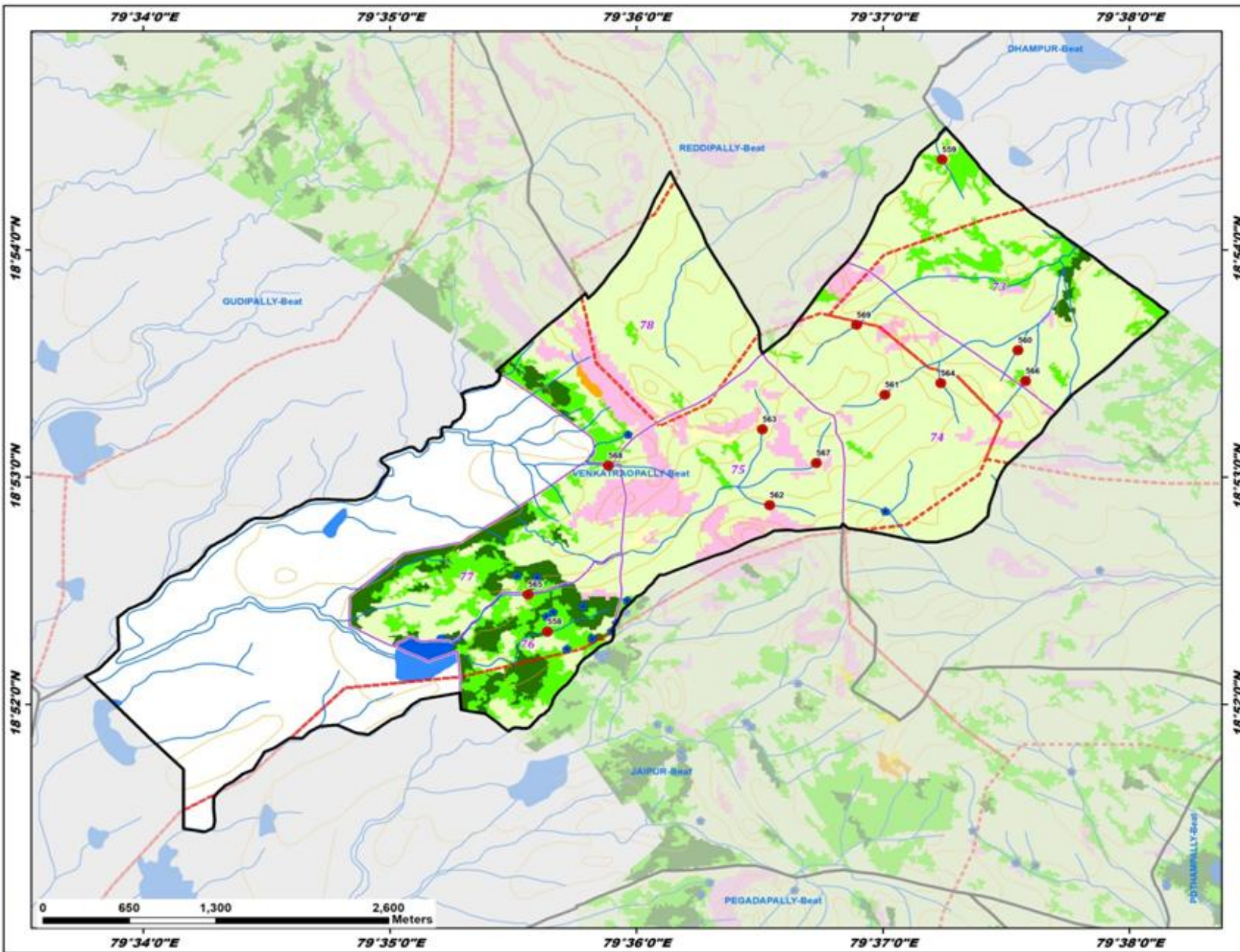
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body



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



Division : Mancherial
Range : Mancherial



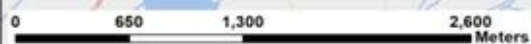
ID	Latitude	Longitude	Catchment Area_ha	Priority
558	18.872008	79.593992	19.31	II
559	18.906619	79.620670	31.68	III
560	18.892635	79.625806	7.81	IV
561	18.889379	79.616802	14.69	IV
562	18.881280	79.609013	14.82	IV
563	18.886846	79.608510	21.38	IV
564	18.890219	79.620589	19.49	IV
565	18.874741	79.592668	11.33	IV
566	18.890383	79.626306	9.15	IV
567	18.884366	79.612165	11.60	IV
568	18.884180	79.598097	26.55	V
569	18.894492	79.614893	43.77	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



79°34'0"E 79°35'0"E 79°36'0"E 79°37'0"E 79°38'0"E

18°54'0"N
18°53'0"N
18°52'0"N