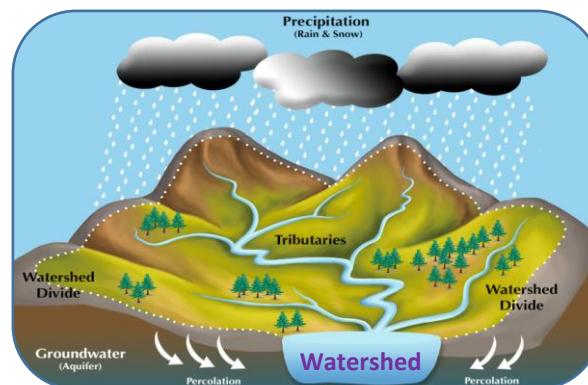


Government of Telangana – Forest Department



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



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

Circle: Kaleshwaram
District: Mulugu
Division: Mulugu

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

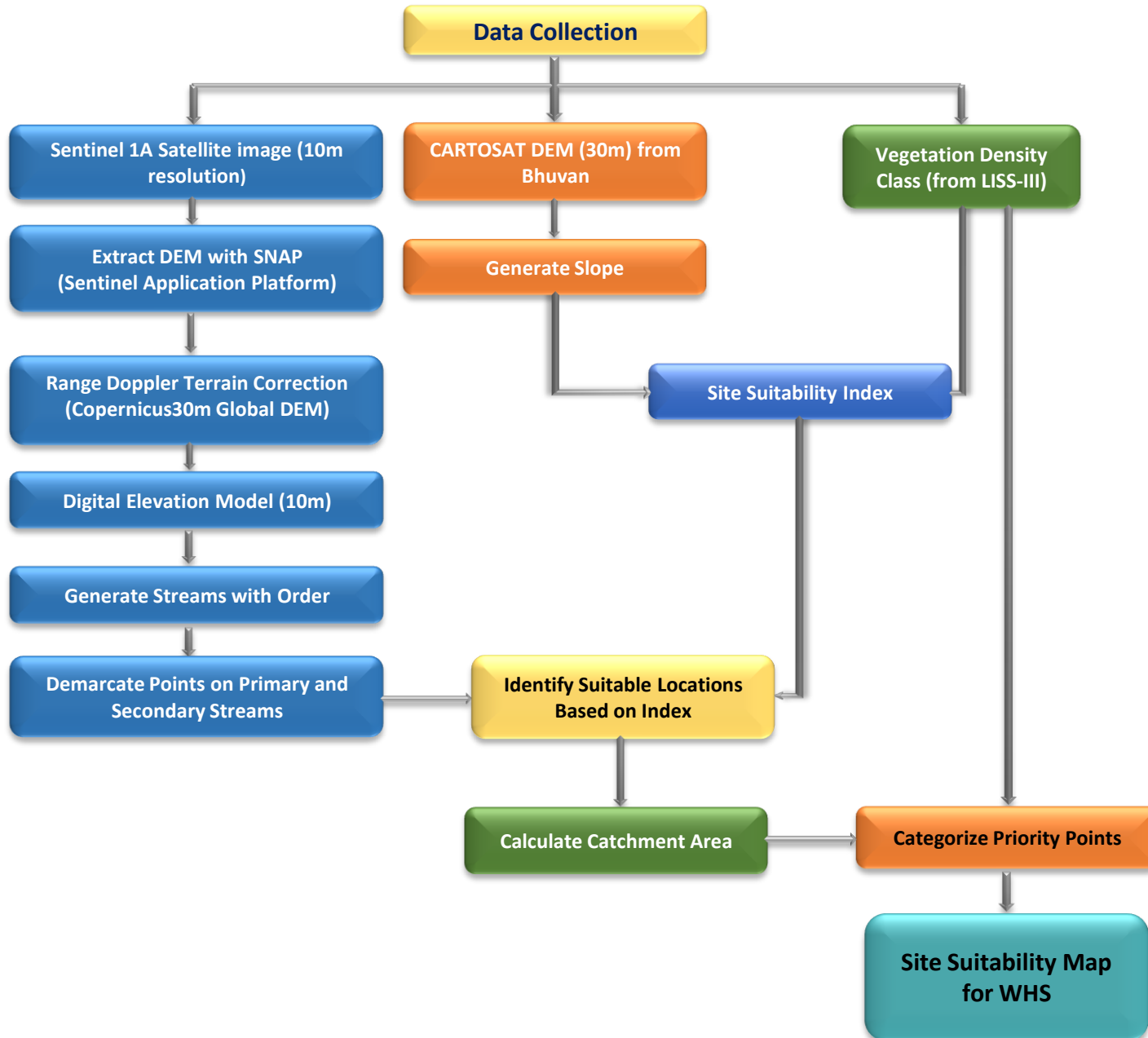
METHODOLOGY

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

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



FLOW CHART FOR METHODOLOGY



Guidelines for building Percolation Tanks:

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



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

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

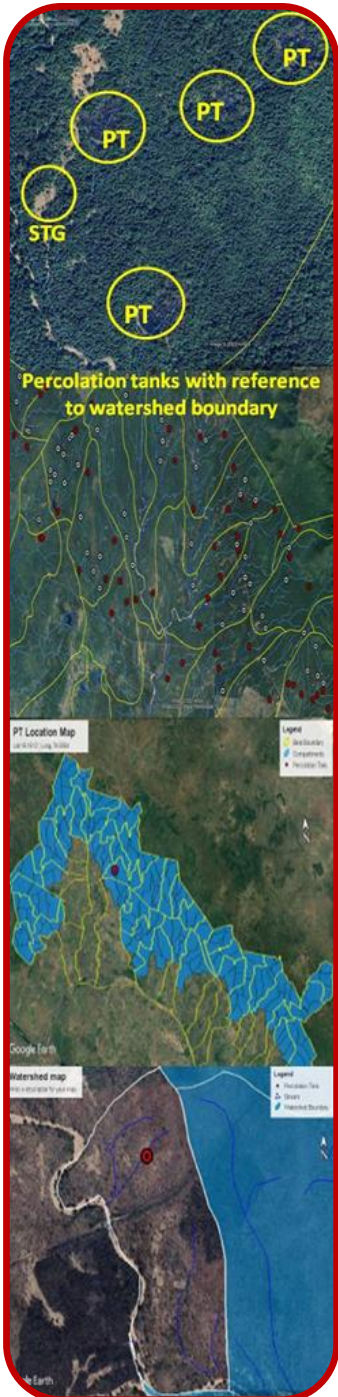
Suitability criteria for Continuous/Staggered contour trenches

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



PRIORITY CLASSES FOR PERCOLATION TANK

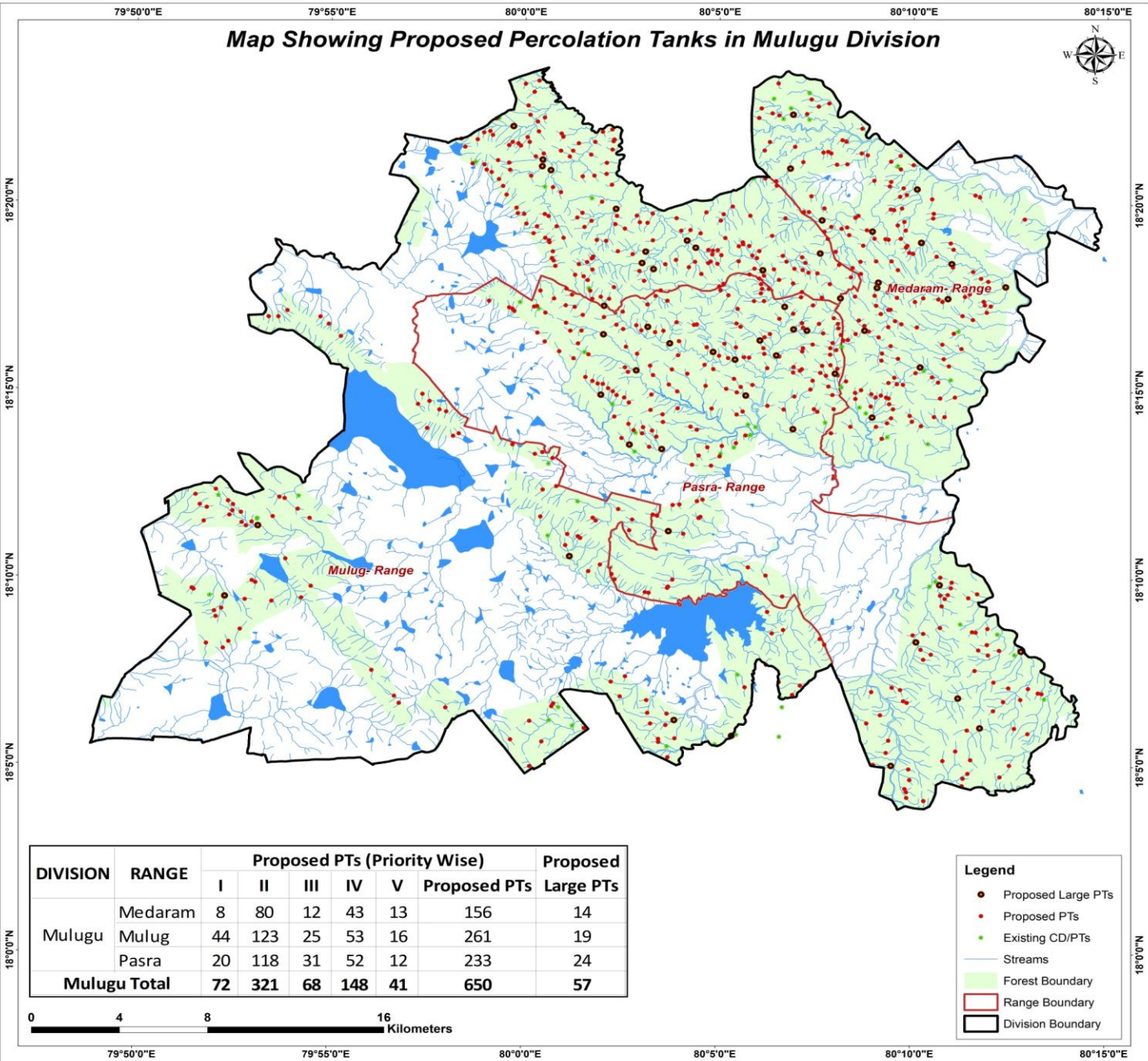
Priority	Catchment Area(Ha)	Density Class
1	0-25	Scrub
	0-25	Blank
2	0-25	Open Forest
	25-50	Blank
3	25-50	Open Forest
	>50	Scrub & blank
4	0-25	Dense Forest
	>50	Open Forest
5	25-50	Dense Forest
	>50	Dense Forest







Map Showing Proposed Percolation Tanks in Mulugu Division



DIVISION	RANGE	Proposed PTs (Priority Wise)					Proposed PTs	Proposed Large PTs
		I	II	III	IV	V		
Mulugu	Medaram	8	80	12	43	13	156	14
	Mulug	44	123	25	53	16	261	19
	Pasra	20	118	31	52	12	233	24
Mulugu Total		72	321	68	148	41	650	57

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

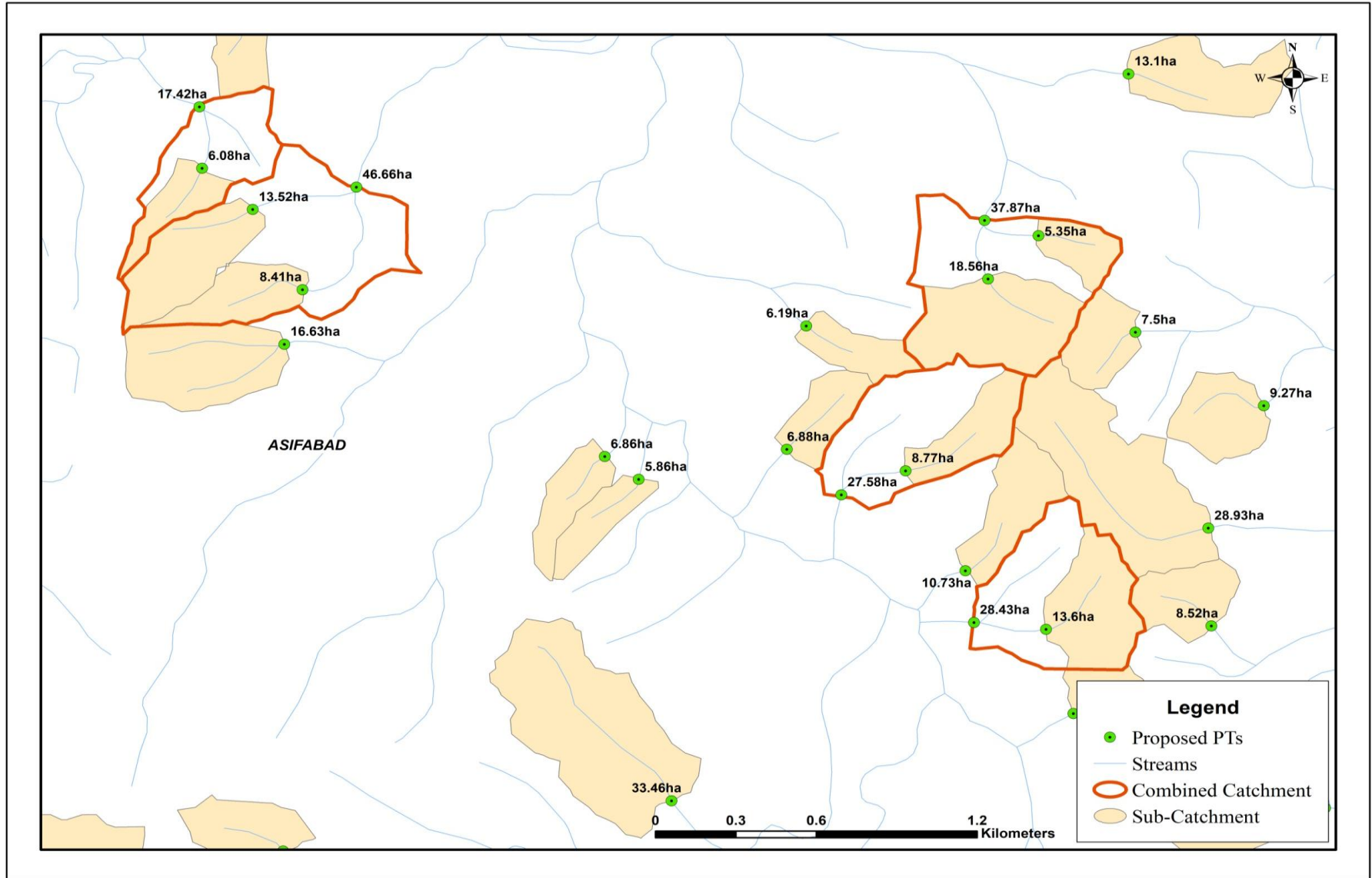
0 4 8 16 Kilometers

79°50'0"E 79°55'0"E 80°0'0"E 80°5'0"E 80°10'0"E 80°15'0"E

18°20'0"N
18°15'0"N
18°10'0"N
18°5'0"N
18°0'0"N

18°20'0"N
18°15'0"N
18°10'0"N
18°5'0"N
18°0'0"N

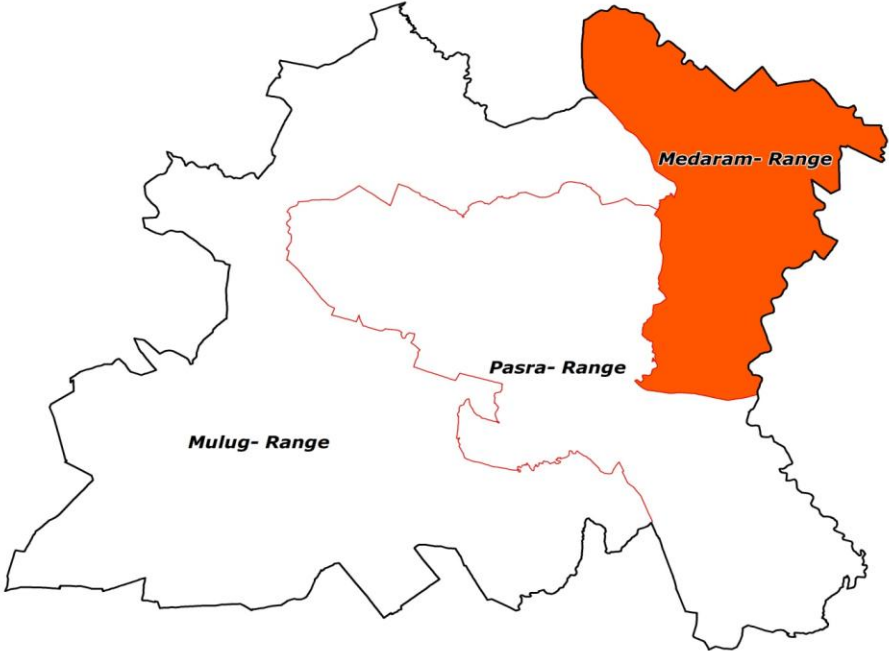
CATCHMENT AREA



Sample Catchment Map



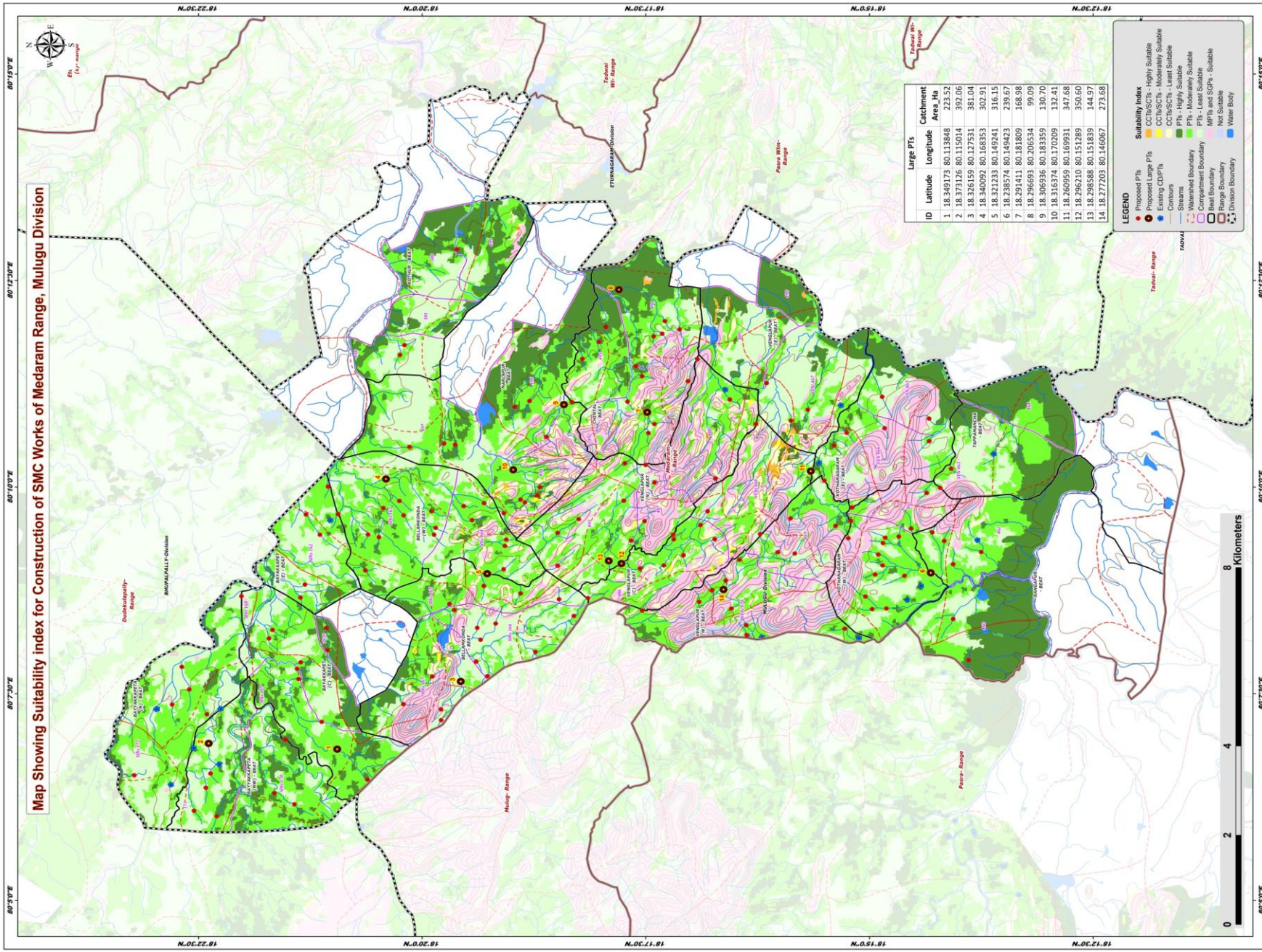
Map Showing Medaram Range in Mulugu Division



Legend

- Division Boundary
- Range Boundary

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



ID	Latitude	Longitude	Catchment Area, Ha
1	18.349173	80.113948	223.52
2	18.373126	80.115014	392.06
3	18.326159	80.127531	381.04
4	18.340092	80.168853	302.91
5	18.321233	80.149341	316.15
6	18.238574	80.140423	239.67
7	18.291411	80.181969	188.88
8	18.296693	80.194534	99.89
9	18.309596	80.183359	130.70
10	18.316374	80.170269	132.41
11	18.269529	80.169931	347.68
12	18.296210	80.151289	350.60
13	18.295888	80.151839	144.97
14	18.277203	80.146067	273.08

LEGEND

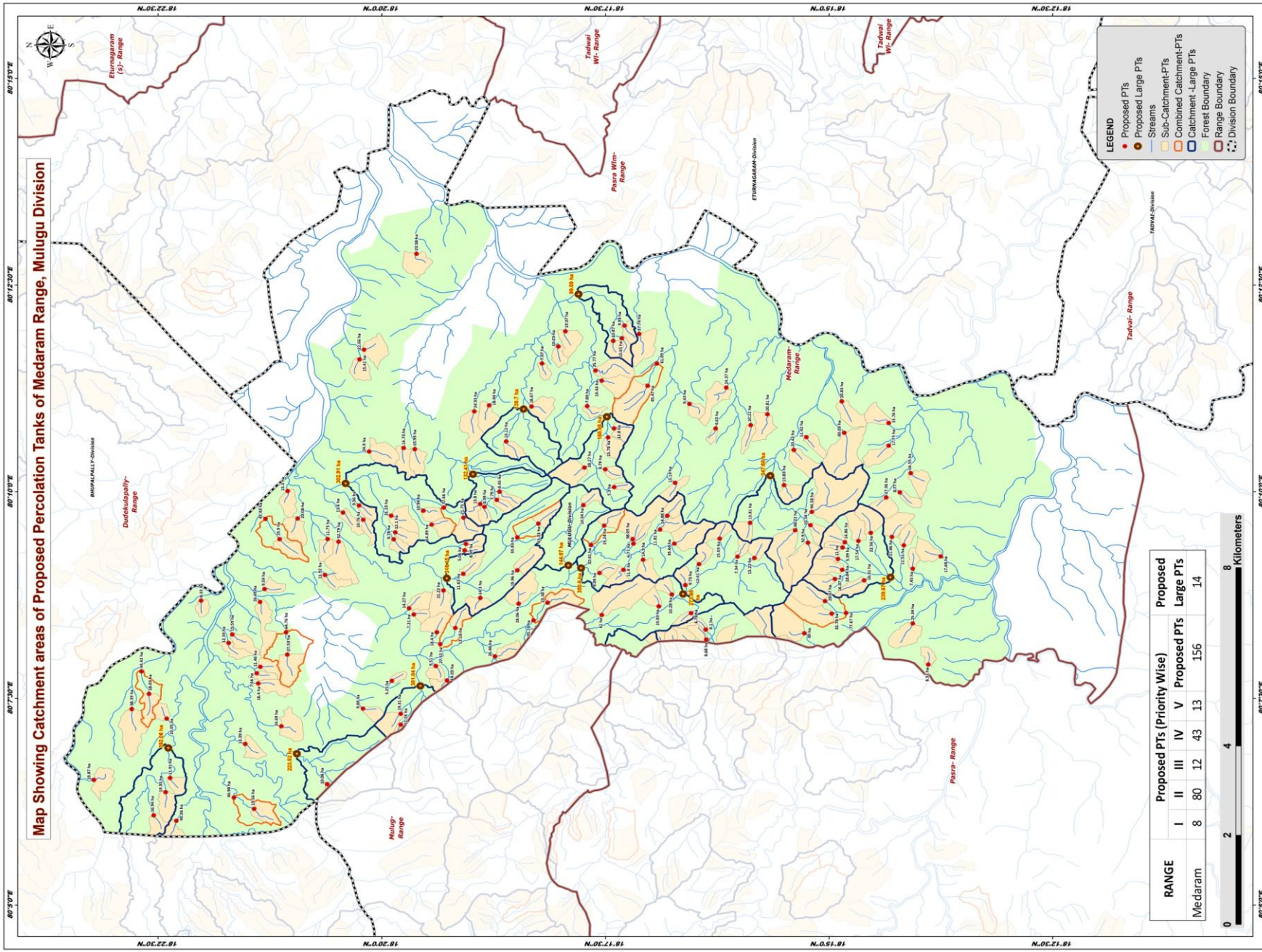
- Proposed Pits
- Existing CDDPs
- Contours
- Waterhed Boundary
- Compartment Boundary
- Block Boundary
- Range Boundary
- Division Boundary

Suitability Index

- CCWs/SCTs - Highly Suitable
- CCWs/SCTs - Moderately Suitable
- CCWs/SCTs - Lowly Suitable
- PITs - Highly Suitable
- PITs - Moderately Suitable
- PITs - Least Suitable
- MPITs and SGTs - Suitable
- MPITs and SGTs - Not Suitable
- Water Body

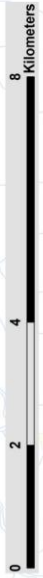


Map showing the suitability index for construction of SMC works in the Medaram Range, Mulugu Division. The map includes a legend, a table of 14 Large Pits, and a scale bar. The map also shows various geographical features like rivers, roads, and administrative boundaries.



Map Showing Catchment areas of Proposed Percolation Tanks of Medaram Range, Mulugu Division

RANGE	Proposed PTs (Priority Wise)					Proposed Large PTs
	I	II	III	IV	V	Large PTs
Medaram	8	80	12	43	13	156
	2					14



- 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 – Medaram Range

S. No.	Beat	Proposed PT's
1	BAYAKKAPET (CENTRAL)	9
2	BAYAKKAPET (EAST)	6
3	BAYYAKKAPETA - North West	7
4	BAYYAKKAPETA (NORTH)	6
5	BELLAMKONDA	16
6	BELLAMKONDA WEST	15
7	CHINTAL	13
8	KOTHANAGARAM (EAST)	7
9	KOTHANAGARAM (WEST)	16
10	KOTHUR	3
11	NARLAPUR	12
12	RANGAPUR	6
13	TAPPAMANCHA	1
14	VENGLAPUR-C	11
15	VENGLAPUR-E	3
16	VENGLAPUR-N	12
17	VENGLAPUR-W	13
	Total	156

List of Proposed PTs – Medaram Range

ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat	ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat	ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat
1	18.355988	80.131371	11.46	II	BAYAKKAPET (C)	41	18.336858	80.122949	9.89	IV	BELLAMKONDA	81	18.253955	80.156408	32.90	V	KOTHANAGARAM-W
2	18.343538	80.107714	10.06	II	BAYAKKAPET (C)	42	18.307850	80.144101	28.06	V	BELLAMKONDA	82	18.246860	80.142239	77.67	IV	KOTHANAGARAM-W
3	18.350969	80.133837	27.53	II	BAYAKKAPET (C)	43	18.322463	80.135944	27.32	V	BELLAMKONDA	83	18.231522	80.131833	8.52	I	RANGAPUR
4	18.361885	80.136200	12.34	II	BAYAKKAPET (C)	44	18.305086	80.140740	35.19	V	BELLAMKONDA	84	18.229199	80.153627	17.69	II	RANGAPUR
5	18.356375	80.128017	16.40	II	BAYAKKAPET (C)	45	18.317675	80.156155	8.49	II	BELLAMKONDA - W	85	18.236090	80.155860	11.51	II	RANGAPUR
6	18.361216	80.137911	15.59	II	BAYAKKAPET (C)	46	18.317934	80.154856	5.06	II	BELLAMKONDA - W	86	18.234429	80.151165	7.45	II	RANGAPUR
7	18.356644	80.130077	7.66	II	BAYAKKAPET (C)	47	18.340585	80.162491	11.60	II	BELLAMKONDA - W	87	18.238312	80.157574	21.46	IV	RANGAPUR
8	18.352079	80.119380	24.69	IV	BAYAKKAPET (C)	48	18.336808	80.161027	10.76	II	BELLAMKONDA - W	88	18.234433	80.140138	25.39	V	RANGAPUR
9	18.351171	80.138341	64.76	IV	BAYAKKAPET (C)	49	18.331602	80.161843	21.23	II	BELLAMKONDA - W	89	18.234808	80.170434	16.55	II	TAPPAMANCHA
10	18.349025	80.161281	20.08	II	BAYAKKAPET (E)	50	18.325626	80.162876	10.94	II	BELLAMKONDA - W	90	18.299132	80.199054	19.37	I	CHINTAL
11	18.350882	80.166819	15.30	II	BAYAKKAPET (E)	51	18.324049	80.160053	14.89	II	BELLAMKONDA - W	91	18.290231	80.197124	10.87	II	CHINTAL
12	18.356025	80.144449	26.49	III	BAYAKKAPET (E)	52	18.337597	80.163914	9.56	II	BELLAMKONDA - W	92	18.303500	80.192568	7.07	II	CHINTAL
13	18.355179	80.147062	9.59	IV	BAYAKKAPET (E)	53	18.343424	80.157154	11.75	II	BELLAMKONDA - W	93	18.293529	80.191128	25.77	II	CHINTAL
14	18.352390	80.157123	19.90	IV	BAYAKKAPET (E)	54	18.343923	80.149908	11.92	II	BELLAMKONDA - W	94	18.292375	80.189095	19.43	II	CHINTAL
15	18.355026	80.161201	45.43	V	BAYAKKAPET (E)	55	18.341399	80.156618	32.79	III	BELLAMKONDA - W	95	18.288621	80.197648	10.65	II	CHINTAL
16	18.358816	80.115816	13.39	I	BAYYAKKAPETA NW	56	18.331146	80.157112	9.78	IV	BELLAMKONDA - W	96	18.300441	80.195988	10.23	II	CHINTAL
17	18.375864	80.101433	16.94	II	BAYYAKKAPETA NW	57	18.318160	80.150135	11.63	IV	BELLAMKONDA - W	97	18.291187	80.177637	15.78	II	CHINTAL
18	18.373638	80.106088	19.35	II	BAYYAKKAPETA NW	58	18.330843	80.158490	12.10	IV	BELLAMKONDA - W	98	18.290092	80.179444	12.80	II	CHINTAL
19	18.372777	80.108963	11.91	II	BAYYAKKAPETA NW	59	18.321820	80.163489	37.66	III	BELLAMKONDA - W	99	18.295087	80.183952	7.89	II	CHINTAL
20	18.357145	80.102742	19.56	II	BAYYAKKAPETA NW	60	18.256582	80.175129	20.42	I	KOTHANAGARAM -E	100	18.288138	80.200195	9.93	IV	CHINTAL
21	18.371614	80.100328	43.26	II	BAYYAKKAPETA NW	61	18.238899	80.175986	17.75	II	KOTHANAGARAM -E	101	18.283814	80.188068	45.47	V	CHINTAL
22	18.360911	80.105020	40.98	III	BAYYAKKAPETA NW	62	18.247647	80.184926	20.83	IV	KOTHANAGARAM -E	102	18.285400	80.198508	27.74	V	CHINTAL
23	18.373440	80.120921	10.05	II	BAYYAKKAPETA (N)	63	18.254240	80.177681	11.42	IV	KOTHANAGARAM -E	103	18.326884	80.214659	23.38	I	KOTHUR
24	18.367014	80.144719	8.33	IV	BAYYAKKAPETA (N)	64	18.258409	80.168023	15.83	IV	KOTHANAGARAM -E	104	18.336655	80.195339	22.66	II	KOTHUR
25	18.386995	80.108576	19.87	IV	BAYYAKKAPETA (N)	65	18.238908	80.180526	15.76	IV	KOTHANAGARAM -E	105	18.337487	80.193377	15.41	II	KOTHUR
26	18.376731	80.125915	18.03	IV	BAYYAKKAPETA (N)	66	18.247193	80.178593	60.03	V	KOTHANAGARAM -E	106	18.327205	80.175276	15.99	I	NARLAPUR
27	18.379947	80.122858	38.39	V	BAYYAKKAPETA (N)	67	18.253470	80.159948	10.34	I	KOTHANAGARAM-W	107	18.311924	80.165039	7.79	I	NARLAPUR
28	18.378137	80.130455	34.42	V	BAYYAKKAPETA (N)	68	18.247503	80.155444	5.39	II	KOTHANAGARAM-W	108	18.314212	80.163626	8.09	II	NARLAPUR
29	18.321859	80.146794	22.22	II	BELLAMKONDA	69	18.247073	80.156516	14.86	II	KOTHANAGARAM-W	109	18.329286	80.175509	16.73	II	NARLAPUR
30	18.327379	80.141922	7.21	II	BELLAMKONDA	70	18.248942	80.149089	16.07	II	KOTHANAGARAM-W	110	18.318131	80.161449	21.75	II	NARLAPUR
31	18.331484	80.128544	5.25	II	BELLAMKONDA	71	18.242258	80.158380	22.56	II	KOTHANAGARAM-W	111	18.313345	80.184096	18.94	II	NARLAPUR
32	18.328264	80.143165	14.27	II	BELLAMKONDA	72	18.248355	80.153127	11.00	II	KOTHANAGARAM-W	112	18.335717	80.174798	24.90	II	NARLAPUR
33	18.315007	80.145281	14.30	II	BELLAMKONDA	73	18.244554	80.156749	17.54	II	KOTHANAGARAM-W	113	18.305454	80.183877	18.67	II	NARLAPUR
34	18.312265	80.133474	26.46	III	BELLAMKONDA	74	18.239385	80.165552	17.36	II	KOTHANAGARAM-W	114	18.316120	80.182899	24.33	II	NARLAPUR
35	18.323283	80.131528	9.51	IV	BELLAMKONDA	75	18.243490	80.148822	16.31	II	KOTHANAGARAM-W	115	18.315034	80.164194	13.80	II	NARLAPUR
36	18.323083	80.138343	18.40	IV	BELLAMKONDA	76	18.250771	80.144635	28.37	III	KOTHANAGARAM-W	116	18.311417	80.166712	9.45	II	NARLAPUR
37	18.321198	80.128615	14.03	IV	BELLAMKONDA	77	18.249514	80.142117	32.78	III	KOTHANAGARAM-W	117	18.310188	80.176827	13.12	IV	NARLAPUR
38	18.329837	80.121906	19.31	IV	BELLAMKONDA	78	18.236822	80.166558	8.77	IV	KOTHANAGARAM-W	118	18.271158	80.179447	4.63	II	VENGLAPUR-C
39	18.319659	80.139205	13.18	IV	BELLAMKONDA	79	18.253226	80.162621	94.58	IV	KOTHANAGARAM-W	119	18.286477	80.156209	6.77	II	VENGLAPUR-C
40	18.329822	80.119714	11.26	IV	BELLAMKONDA	80	18.247562	80.150933	18.84	IV	KOTHANAGARAM-W	120	18.281502	80.159068	11.81	II	VENGLAPUR-C

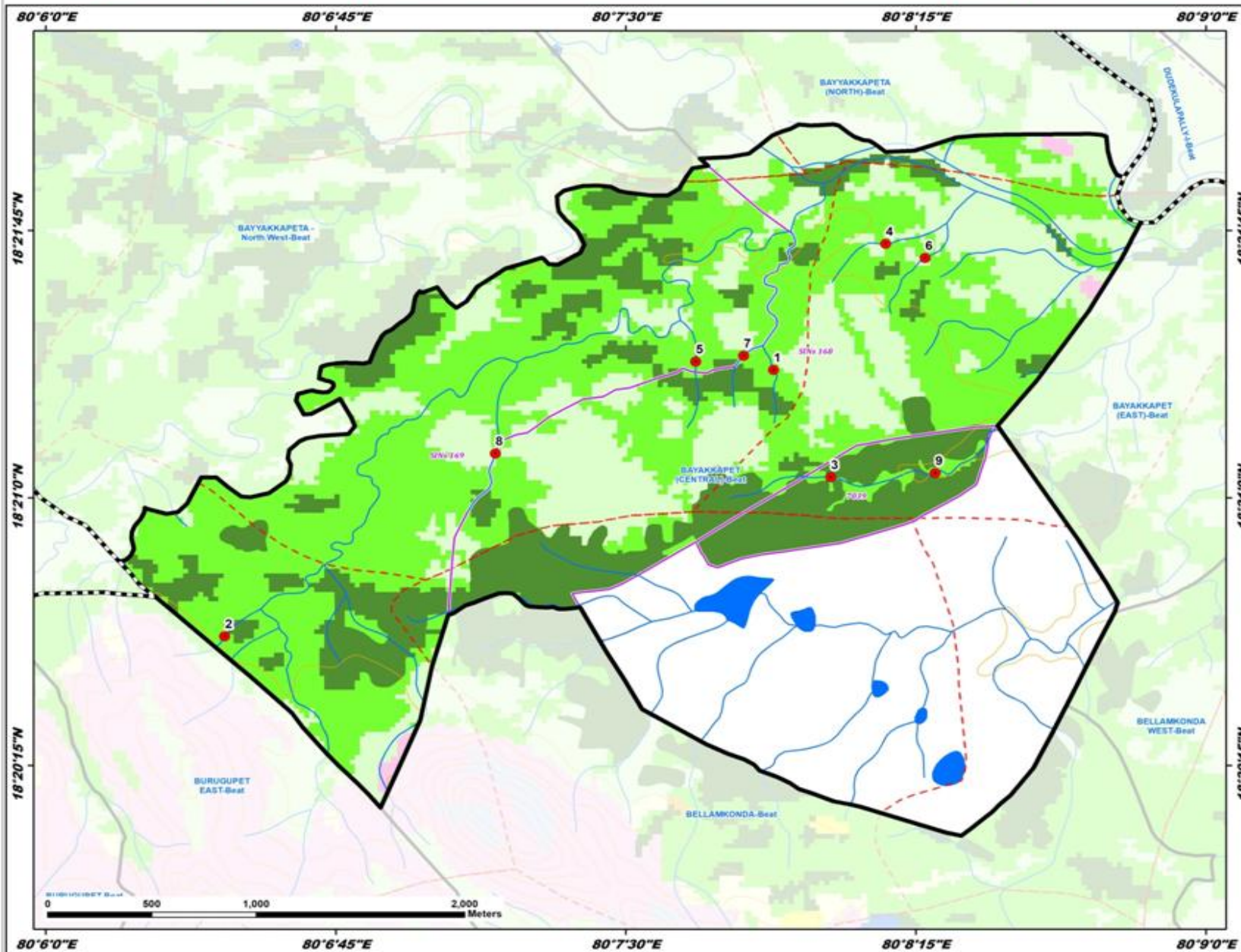
List of Proposed PTs – Medaram Range

ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat
121	18.292773	80.150309	9.09	II	VENGLAPUR-C
122	18.286588	80.157127	38.05	III	VENGLAPUR-C
123	18.270392	80.157236	15.03	IV	VENGLAPUR-C
124	18.302463	80.144320	23.38	IV	VENGLAPUR-C
125	18.288331	80.150937	11.80	IV	VENGLAPUR-C
126	18.280152	80.161818	14.88	IV	VENGLAPUR-C
127	18.284654	80.152977	14.90	IV	VENGLAPUR-C
128	18.278842	80.156223	35.64	V	VENGLAPUR-C
129	18.269160	80.187692	24.37	II	VENGLAPUR-E
130	18.261501	80.182327	20.81	II	VENGLAPUR-E
131	18.264630	80.180125	10.22	IV	VENGLAPUR-E
132	18.276018	80.184394	9.43	II	VENGLAPUR-N
133	18.295805	80.163981	10.54	II	VENGLAPUR-N
134	18.291907	80.159854	15.24	II	VENGLAPUR-N
135	18.295593	80.171551	28.27	III	VENGLAPUR-N
136	18.308087	80.150848	19.96	IV	VENGLAPUR-N
137	18.290054	80.167623	5.30	IV	VENGLAPUR-N
138	18.278694	80.168474	13.19	IV	VENGLAPUR-N
139	18.304193	80.160258	15.03	IV	VENGLAPUR-N
140	18.291708	80.171200	8.79	IV	VENGLAPUR-N
141	18.308096	80.157482	33.83	III	VENGLAPUR-N
142	18.294394	80.155938	32.31	III	VENGLAPUR-N
143	18.282095	80.192538	61.09	V	VENGLAPUR-N
144	18.274247	80.152074	12.31	II	VENGLAPUR-W
145	18.276800	80.147855	9.73	II	VENGLAPUR-W
146	18.281748	80.143573	10.83	II	VENGLAPUR-W
147	18.272987	80.138881	8.10	II	VENGLAPUR-W
148	18.279318	80.145957	10.28	II	VENGLAPUR-W
149	18.264726	80.160417	13.81	II	VENGLAPUR-W
150	18.256317	80.158906	48.22	II	VENGLAPUR-W
151	18.275723	80.142217	6.78	II	VENGLAPUR-W
152	18.254613	80.138155	40.00	III	VENGLAPUR-W
153	18.292349	80.141845	61.00	IV	VENGLAPUR-W
154	18.263913	80.153324	15.22	IV	VENGLAPUR-W
155	18.267063	80.153594	7.34	IV	VENGLAPUR-W
156	18.272875	80.136880	8.68	IV	VENGLAPUR-W

Map Showing Suitability index for Construction of SMC Works of Bayakkapet Central Beat



Division : Mulugu
Range : Medaram



ID	Latitude	Longitude	Catchment Area_Ha	PRIORITY
1	18.355988	80.131371	11.46	II
2	18.343538	80.107714	10.06	II
3	18.350969	80.138837	27.53	II
4	18.361885	80.136200	12.34	II
5	18.356375	80.128017	16.40	II
6	18.361216	80.137911	15.59	II
7	18.356644	80.130077	7.66	II
8	18.352079	80.119380	24.69	IV
9	18.351171	80.138341	64.76	IV

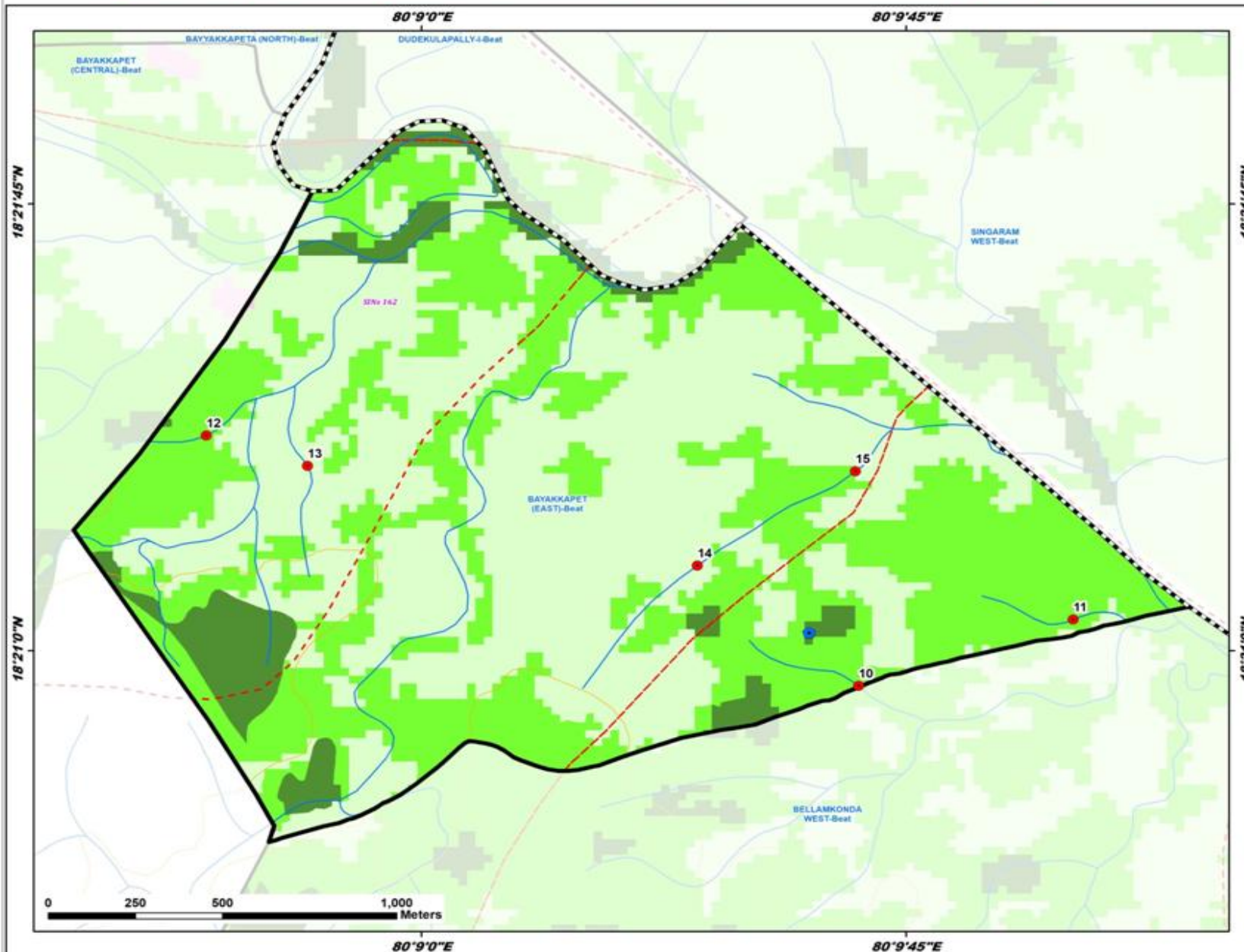
LEGEND

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

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



Division : Mulugu
Range : Medaram



ID	Latitude	Longitude	Catchment Area_Ha	PRIORITY
10	18.349025	80.161281	20.08	II
11	18.350882	80.166819	15.30	II
12	18.356025	80.144449	26.49	III
13	18.355179	80.147062	9.59	IV
14	18.352390	80.157123	19.90	IV
15	18.355026	80.161201	45.43	V

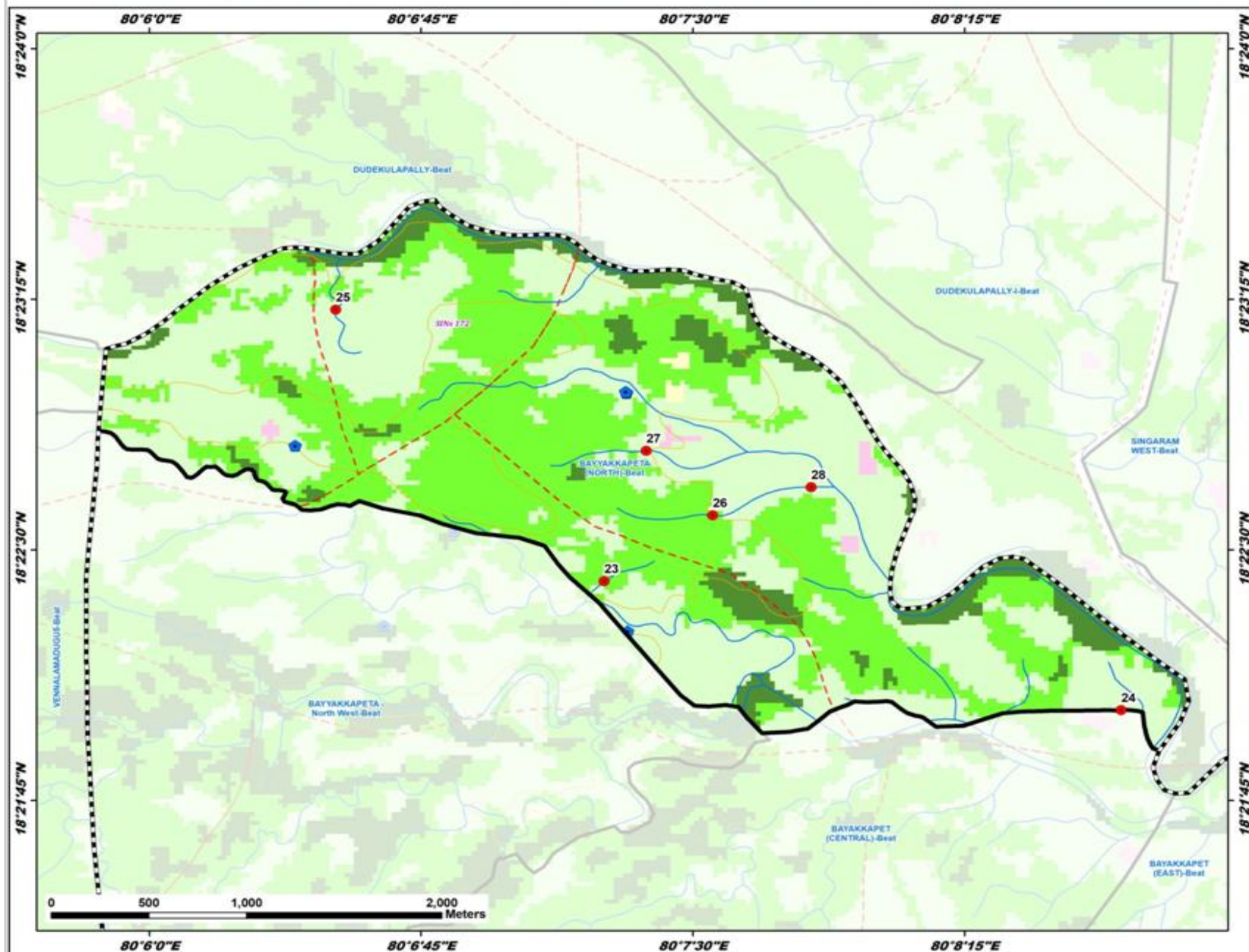
LEGEND

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

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



Division : Mulugu
Range : Medaram



ID	Latitude	Longitude	Catchment Area_Ha	PRIORITY
23	18.373440	80.120921	10.05	II
24	18.367014	80.144719	8.33	IV
25	18.386995	80.108576	19.87	IV
26	18.376731	80.125915	18.03	IV
27	18.379947	80.122858	38.39	V
28	18.378137	80.130455	34.42	V

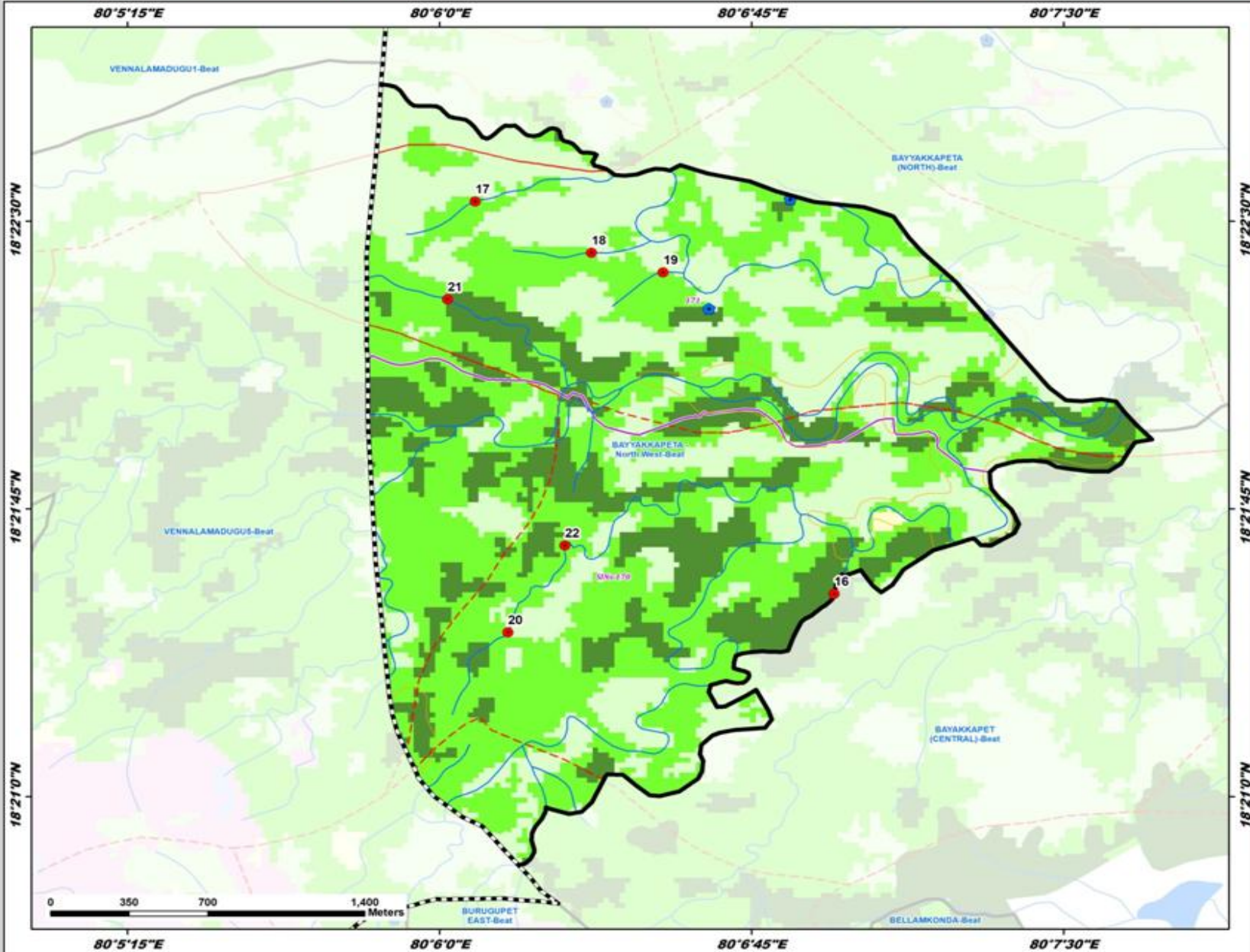
LEGEND

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

Map Showing Suitability index for Construction of SMC Works of Bayakkapet North West Beat



Division : Mulugu
Range : Medaram



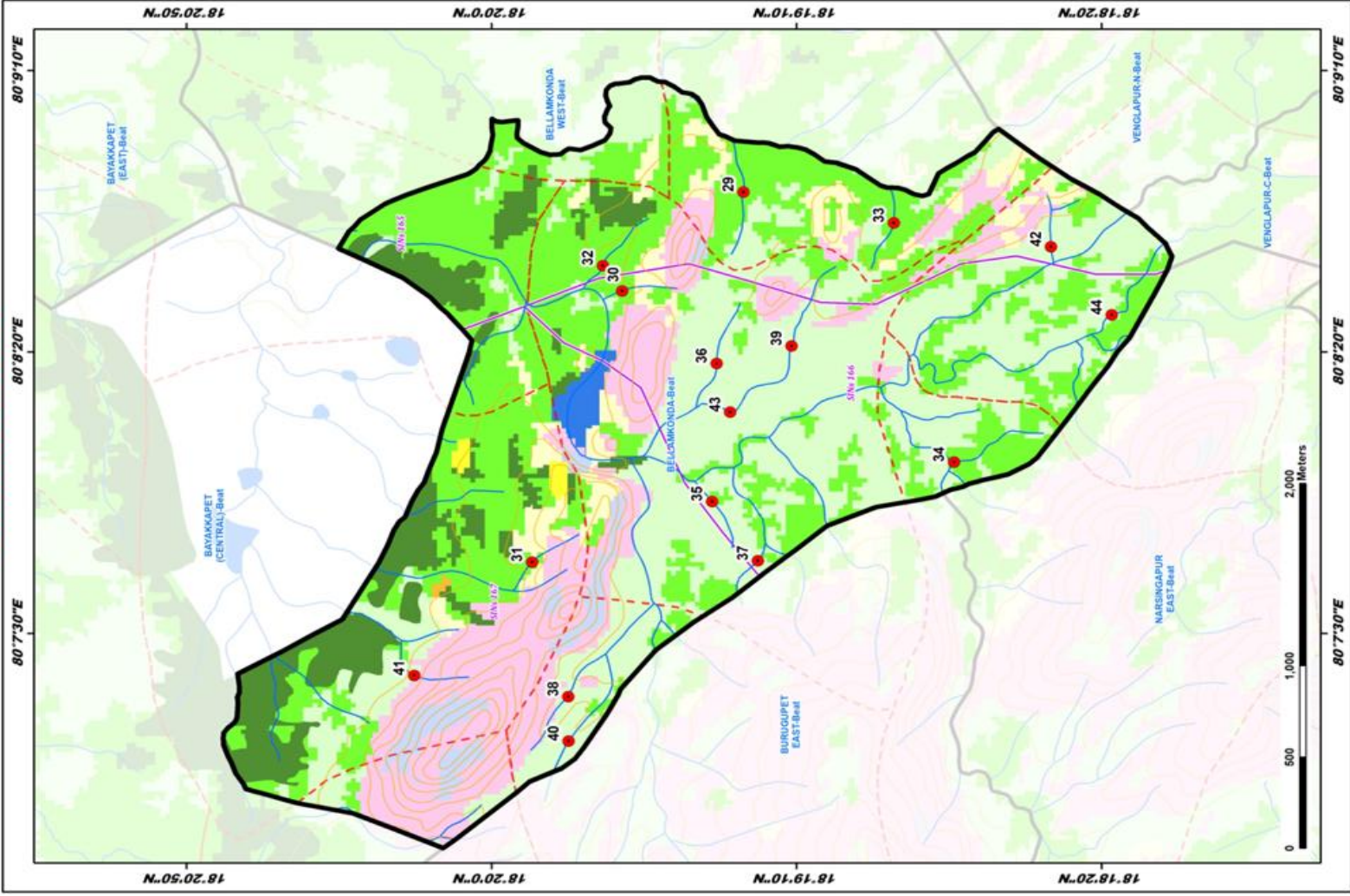
ID	Latitude	Longitude	Catchment Area_Ha	PRIORITY
16	18.358816	80.115816	13.39	I
17	18.375864	80.101433	16.94	II
18	18.373638	80.106088	19.35	II
19	18.372777	80.108963	11.91	II
20	18.357145	80.102742	19.56	II
21	18.371614	80.100328	43.26	II
22	18.360911	80.105020	40.98	III

- 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 Bellamkonda Beat



Division : Mulugum
Range : Medaram



ID	Latitude	Longitude	Catchment Area, Ha	PRIORITY
29	18.321859	80.146794	22.22	II
30	18.327379	80.141922	7.21	II
31	18.331484	80.126544	5.25	II
32	18.328264	80.143165	14.27	II
33	18.315007	80.145281	14.30	II
34	18.312265	80.133474	26.46	III
35	18.323283	80.131528	9.51	IV
36	18.323083	80.138343	18.40	IV
37	18.321196	80.128615	14.03	IV
38	18.329837	80.121906	19.31	IV
39	18.319659	80.139205	13.18	IV
40	18.329822	80.119714	11.26	IV
41	18.336858	80.122949	9.89	IV
42	18.307850	80.144101	28.06	V
43	18.322463	80.135944	27.32	V
44	18.305086	80.140740	35.19	V

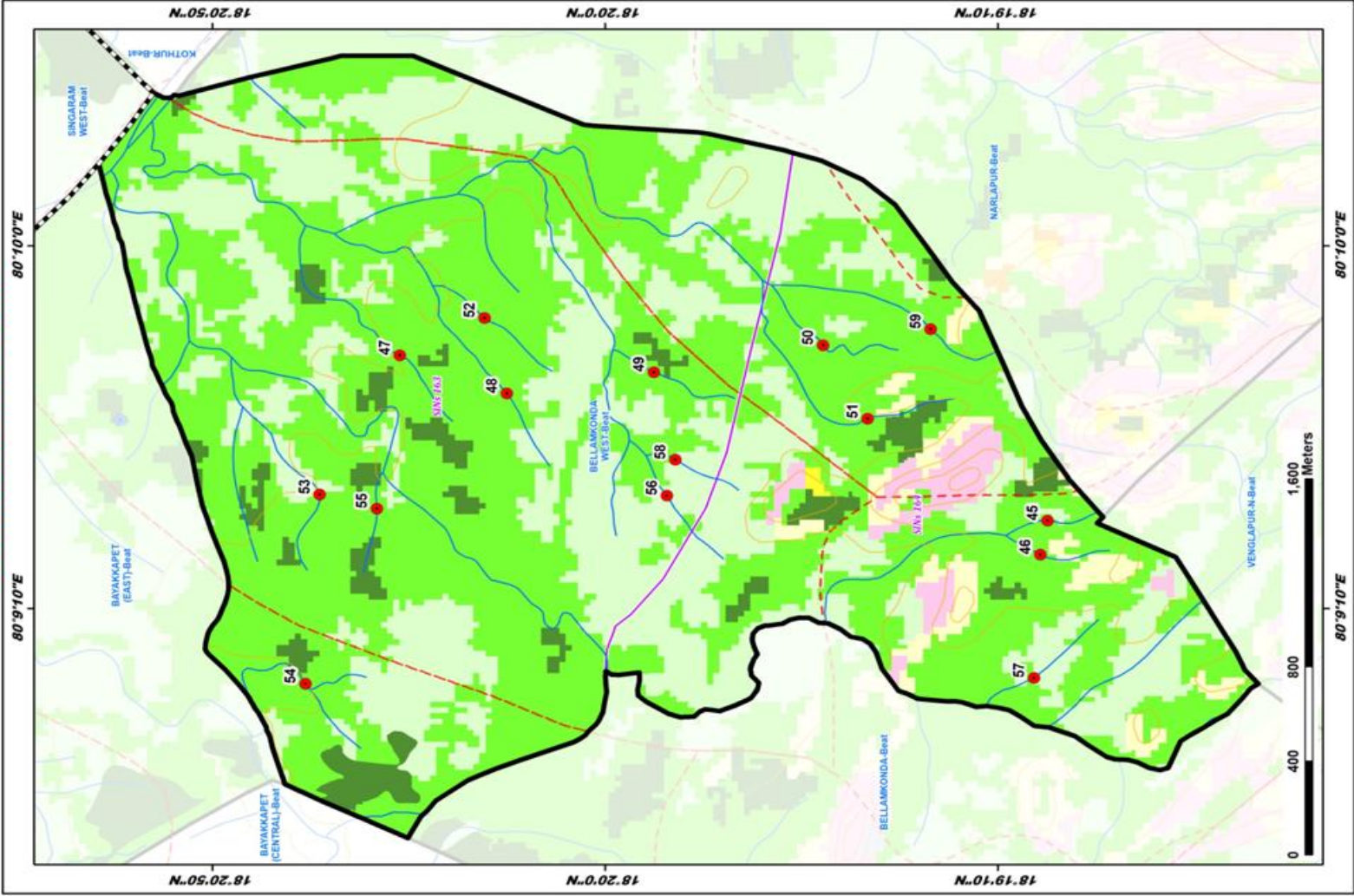
LEGEND

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

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



Division : Mulugu
Range : Medaram



ID	Latitude	Longitude	Catchment Area, Ha	PRIORITY
45	18.317675	80.156155	8.49	II
46	18.317934	80.154856	5.06	II
47	18.340585	80.162491	11.60	II
48	18.336808	80.161027	10.76	II
49	18.331602	80.161843	21.23	II
50	18.325626	80.162876	10.94	II
51	18.324049	80.160053	14.89	II
52	18.337597	80.163914	9.56	II
53	18.343424	80.157154	11.75	II
54	18.343923	80.149908	11.92	II
55	18.341399	80.156618	32.79	III
56	18.331146	80.157112	9.78	IV
57	18.318160	80.150135	11.63	IV
58	18.330843	80.158490	12.10	IV
59	18.321820	80.163489	37.66	III

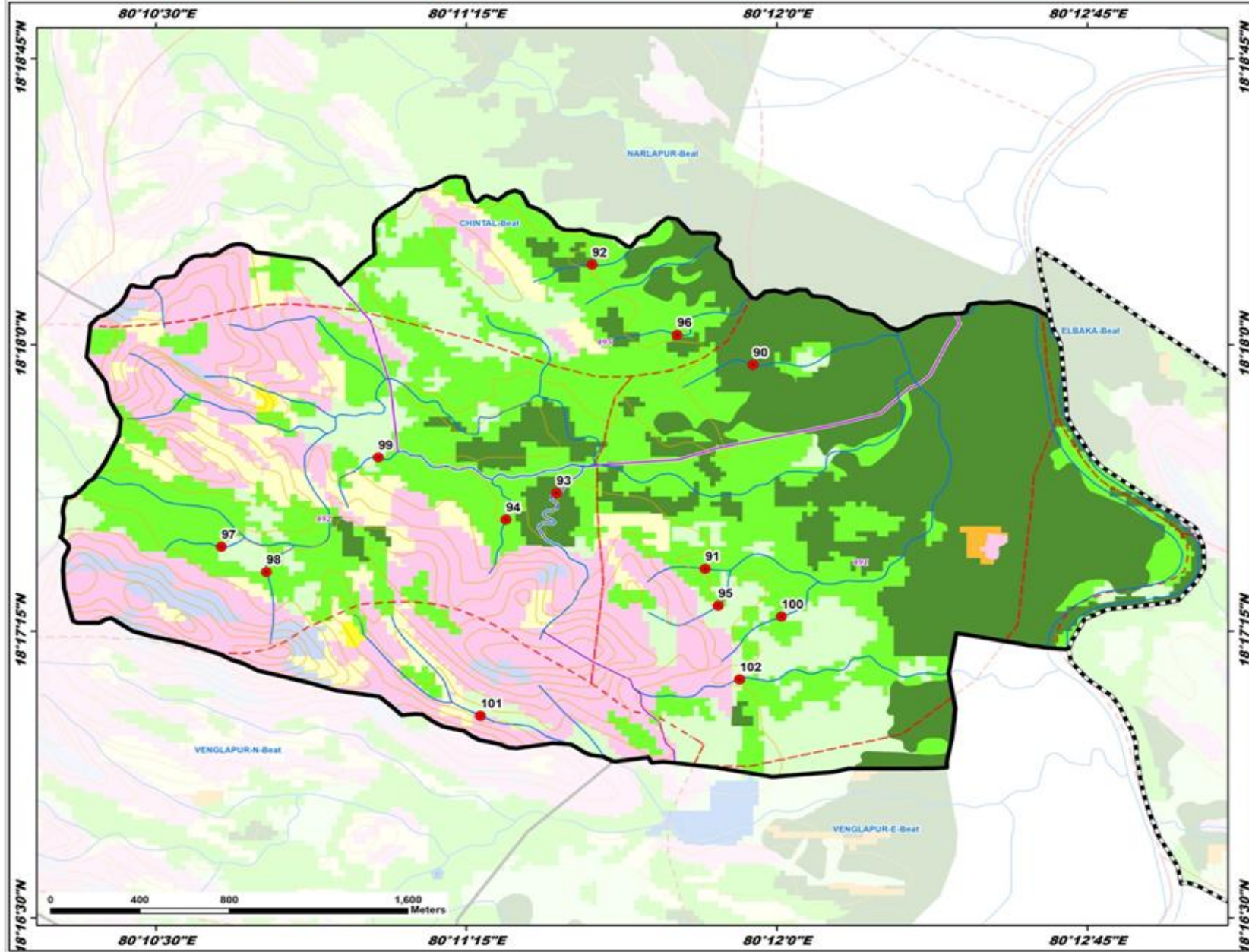
LEGEND

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

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



Division : Mulugu
Range : Medaram



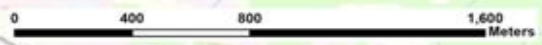
ID	Latitude	Longitude	Catchment Area_Ha	PRIORITY
90	18.299132	80.199054	19.37	I
91	18.290231	80.197124	10.87	II
92	18.303500	80.192568	7.07	II
93	18.293529	80.191128	25.77	II
94	18.292375	80.189095	19.43	II
95	18.288621	80.197648	10.65	II
96	18.300441	80.195988	10.23	II
97	18.291187	80.177637	15.78	II
98	18.290092	80.179444	12.80	II
99	18.295087	80.183952	7.89	II
100	18.288138	80.200195	9.93	IV
101	18.283814	80.188068	45.47	V
102	18.285400	80.198508	27.74	V

LEGEND

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

Suitability Index

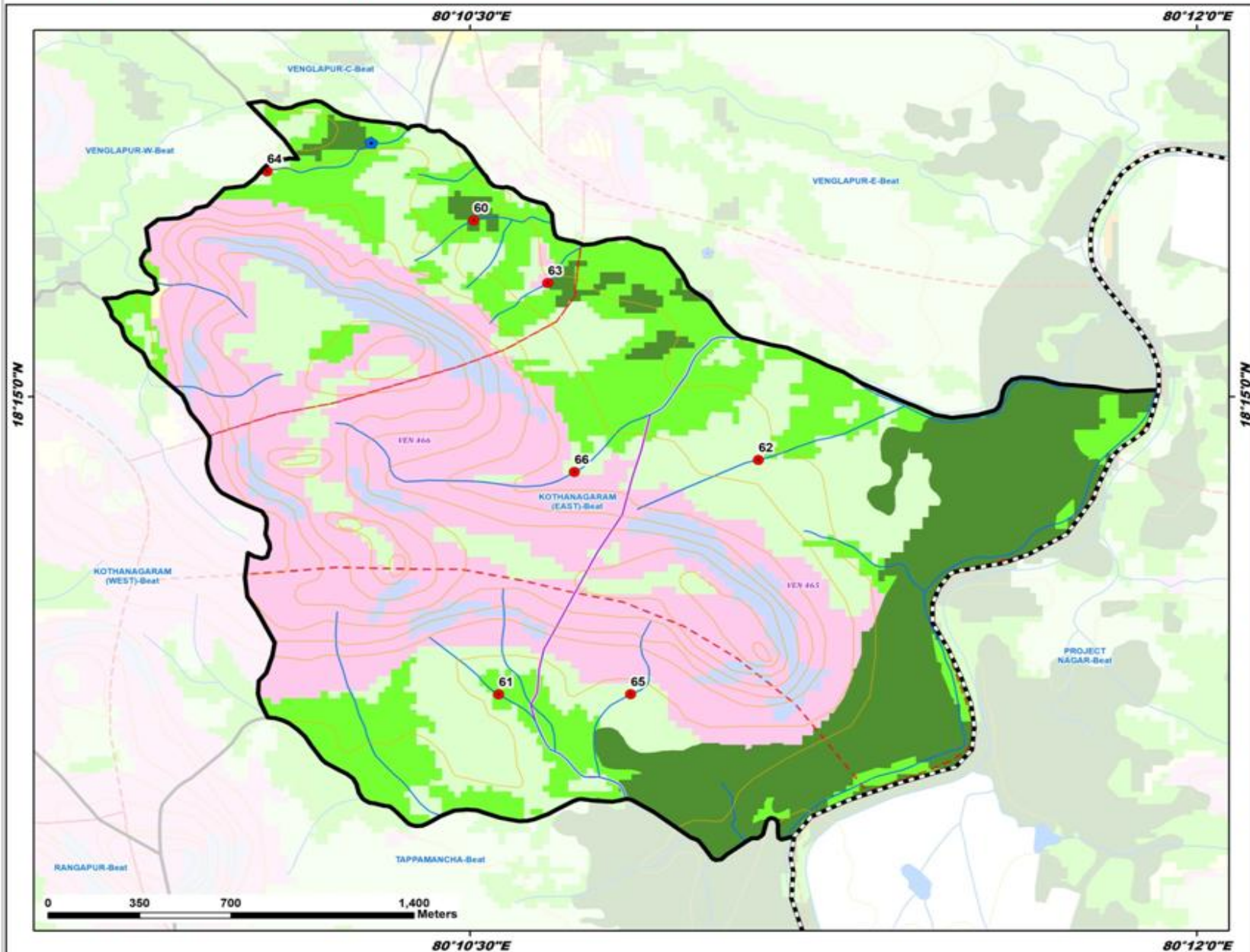
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body



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



Division : Mulugu
Range : Medaram



ID	Latitude	Longitude	Catchment Area_Ha	PRIORITY
60	18.256582	80.175129	20.42	I
61	18.238899	80.175986	17.75	II
62	18.247647	80.184926	20.83	IV
63	18.254240	80.177681	11.42	IV
64	18.258409	80.168023	15.83	IV
65	18.238908	80.180526	15.76	IV
66	18.247193	80.178593	60.03	V

LEGEND

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

Suitability Index

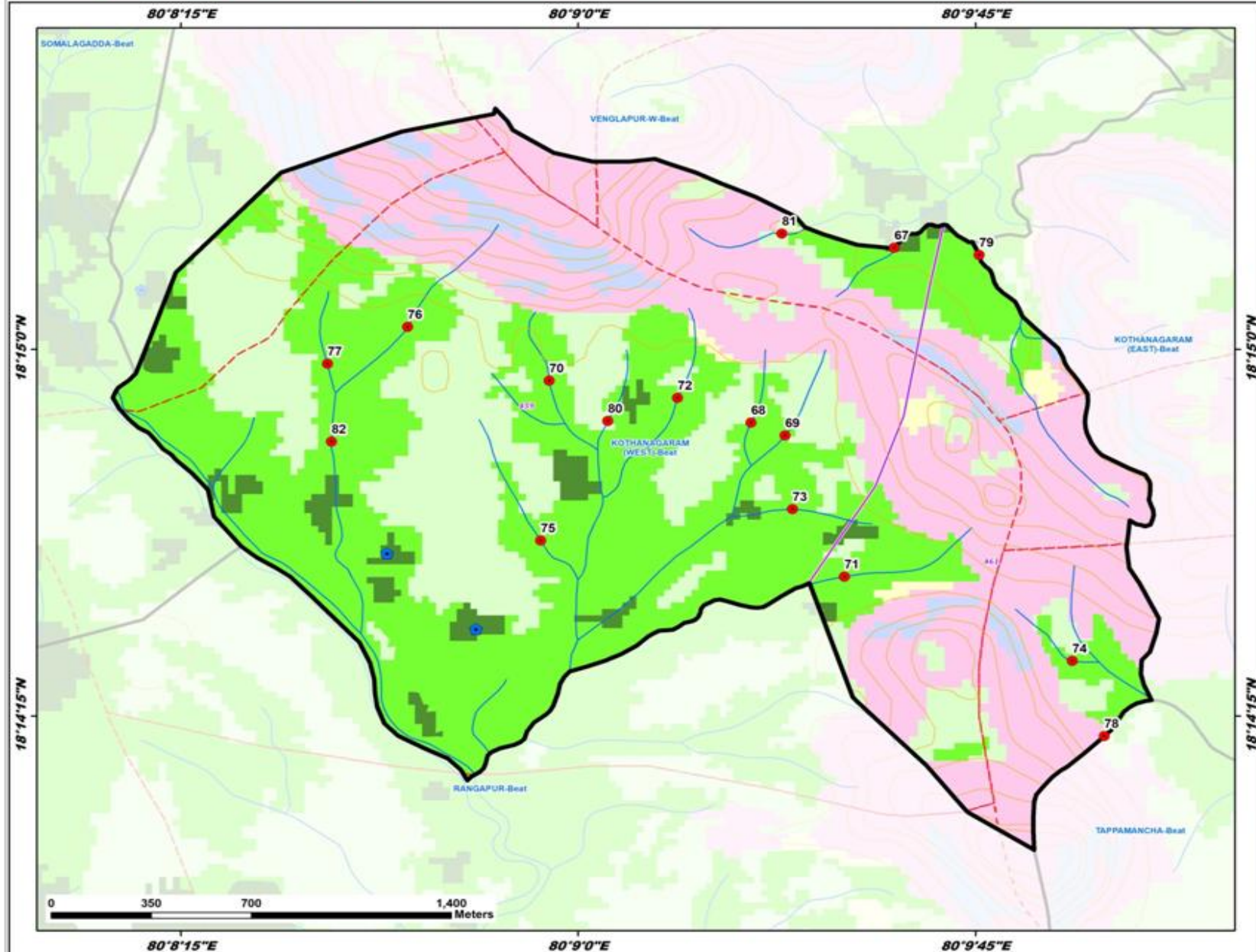
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body



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



Division : Mulugu
Range : Medaram



ID	Latitude	Longitude	Catchment Area_Ha	PRIORITY
67	18.253470	80.159948	10.34	I
68	18.247503	80.155444	5.39	II
69	18.247073	80.156516	14.86	II
70	18.248942	80.149089	16.07	II
71	18.242258	80.158380	22.56	II
72	18.248355	80.153127	11.00	II
73	18.244554	80.156749	17.54	II
74	18.239385	80.165552	17.36	II
75	18.243490	80.148822	16.31	II
76	18.250771	80.144635	28.37	III
77	18.249514	80.142117	32.78	III
78	18.236822	80.166558	8.77	IV
79	18.253226	80.162621	94.58	IV
80	18.247562	80.150933	18.84	IV
81	18.253955	80.156408	32.90	V
82	18.246860	80.142239	77.67	IV

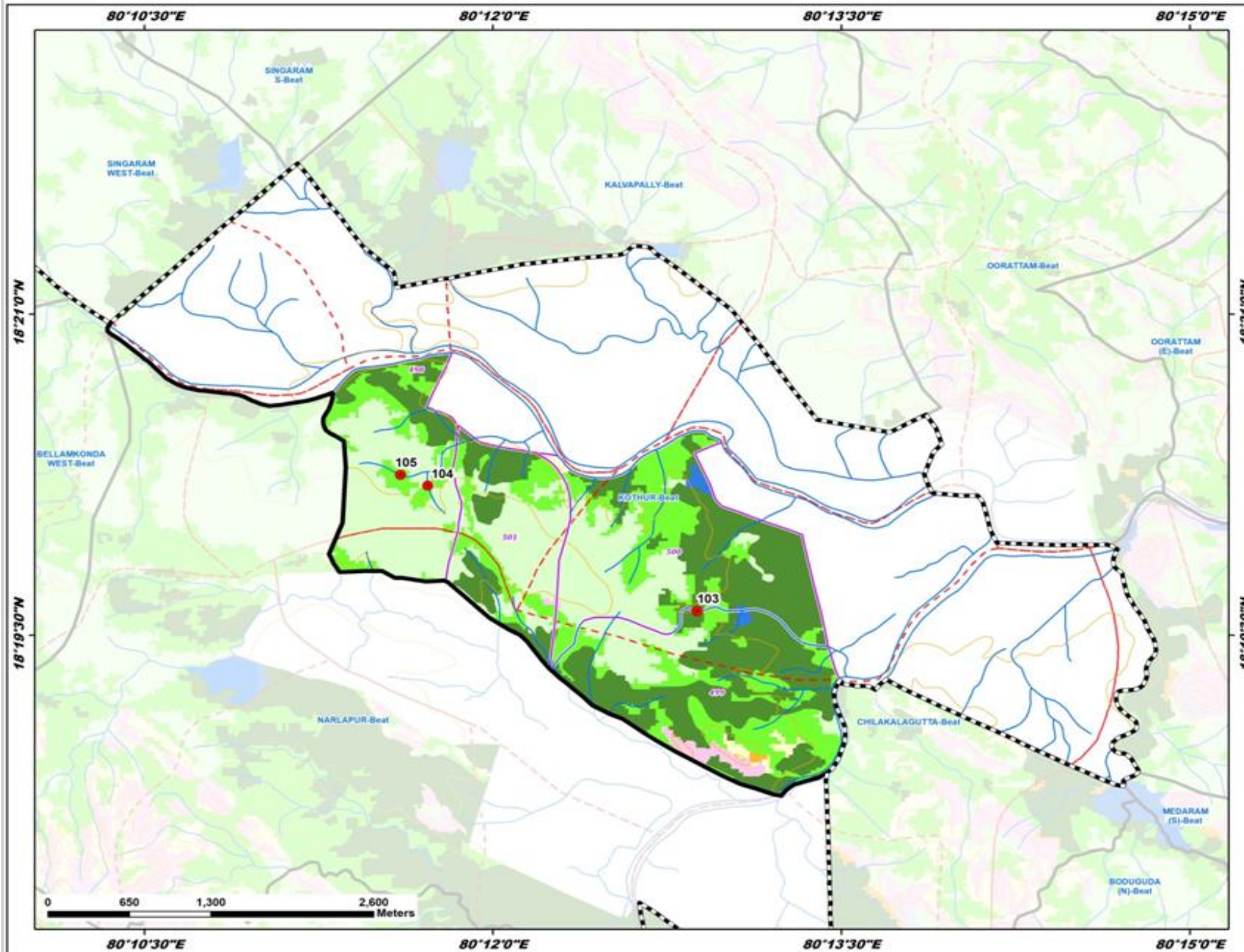
LEGEND

- 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 SGPts - Suitable
- Not Suitable
- Water Body

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



Division : Mulugu
Range : Medaram



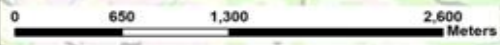
ID	Latitude	Longitude	Catchment Area_Ha	PRIORITY
103	18.326884	80.214659	23.38	I
104	18.336655	80.195339	22.66	II
105	18.337487	80.193377	15.41	II

LEGEND

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

Suitability Index

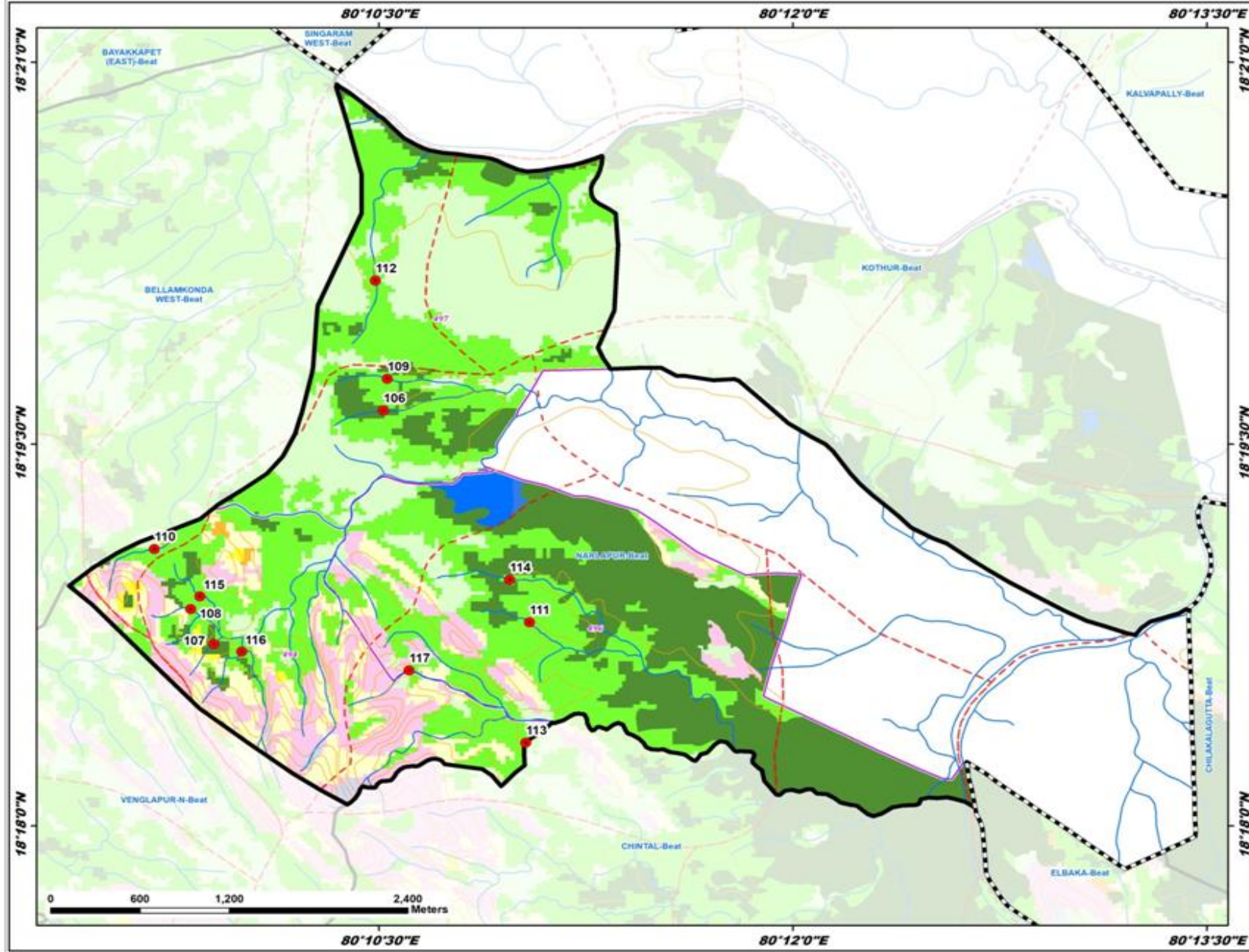
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body



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



Division : Mulugu
Range : Medaram



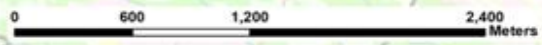
ID	Latitude	Longitude	Catchment Area_Ha	PRIORITY
106	18.327205	80.175276	15.99	I
107	18.311924	80.165039	7.79	I
108	18.314212	80.163626	8.09	II
109	18.329286	80.175509	16.73	II
110	18.318131	80.161449	21.75	II
111	18.313345	80.184096	18.94	II
112	18.335717	80.174798	24.90	II
113	18.305454	80.183877	18.67	II
114	18.316120	80.182899	24.33	II
115	18.315034	80.164194	13.80	II
116	18.311417	80.166712	9.45	II
117	18.310188	80.176827	13.12	IV

LEGEND

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

Suitability Index

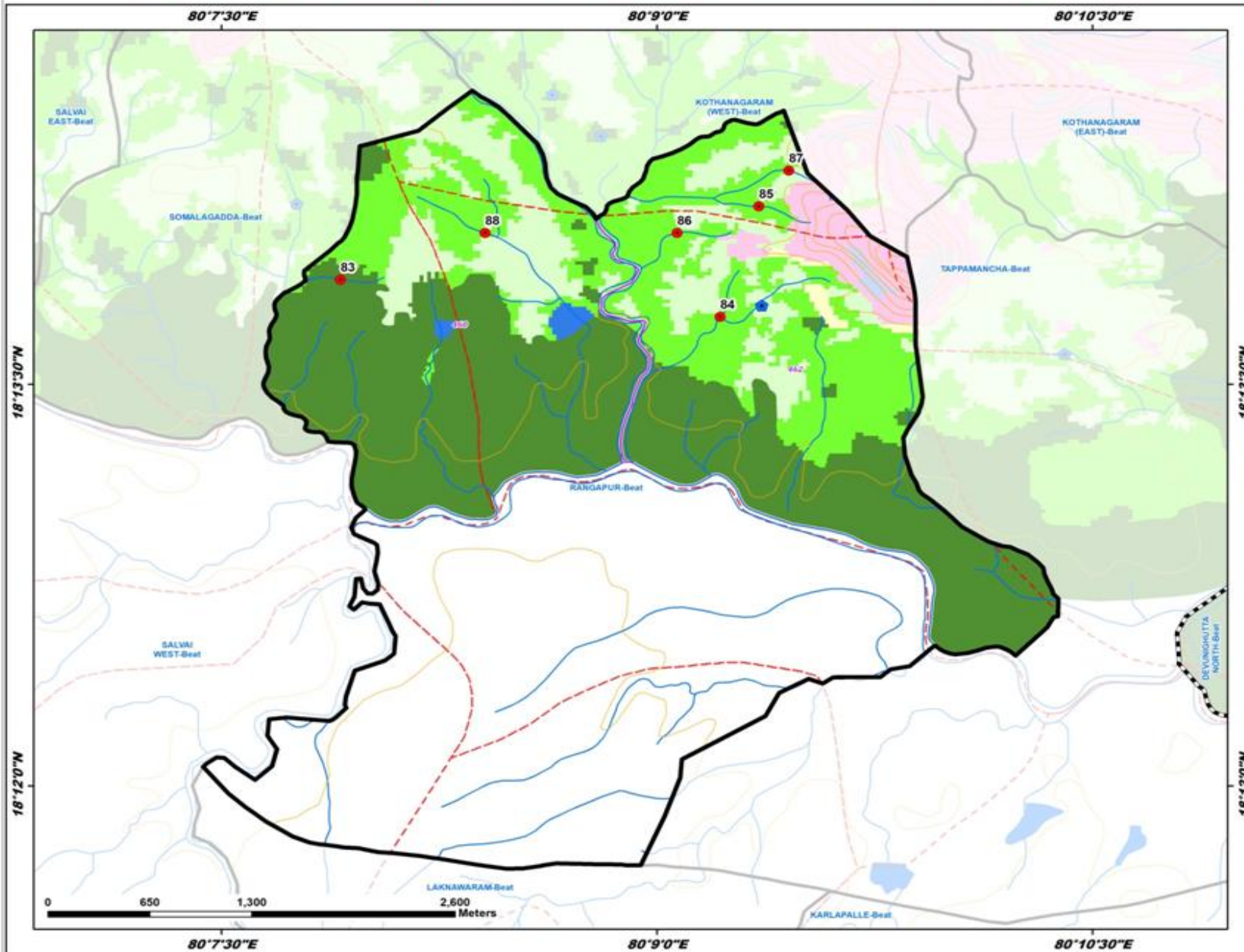
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body



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



Division : Mulugu
Range : Medaram



ID	Latitude	Longitude	Catchment Area_Ha	PRIORITY
83	18.231522	80.131833	8.52	I
84	18.229199	80.153627	17.69	II
85	18.236090	80.155860	11.51	II
86	18.234429	80.151165	7.45	II
87	18.238312	80.157574	21.46	IV
88	18.234433	80.140138	25.39	V

LEGEND

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

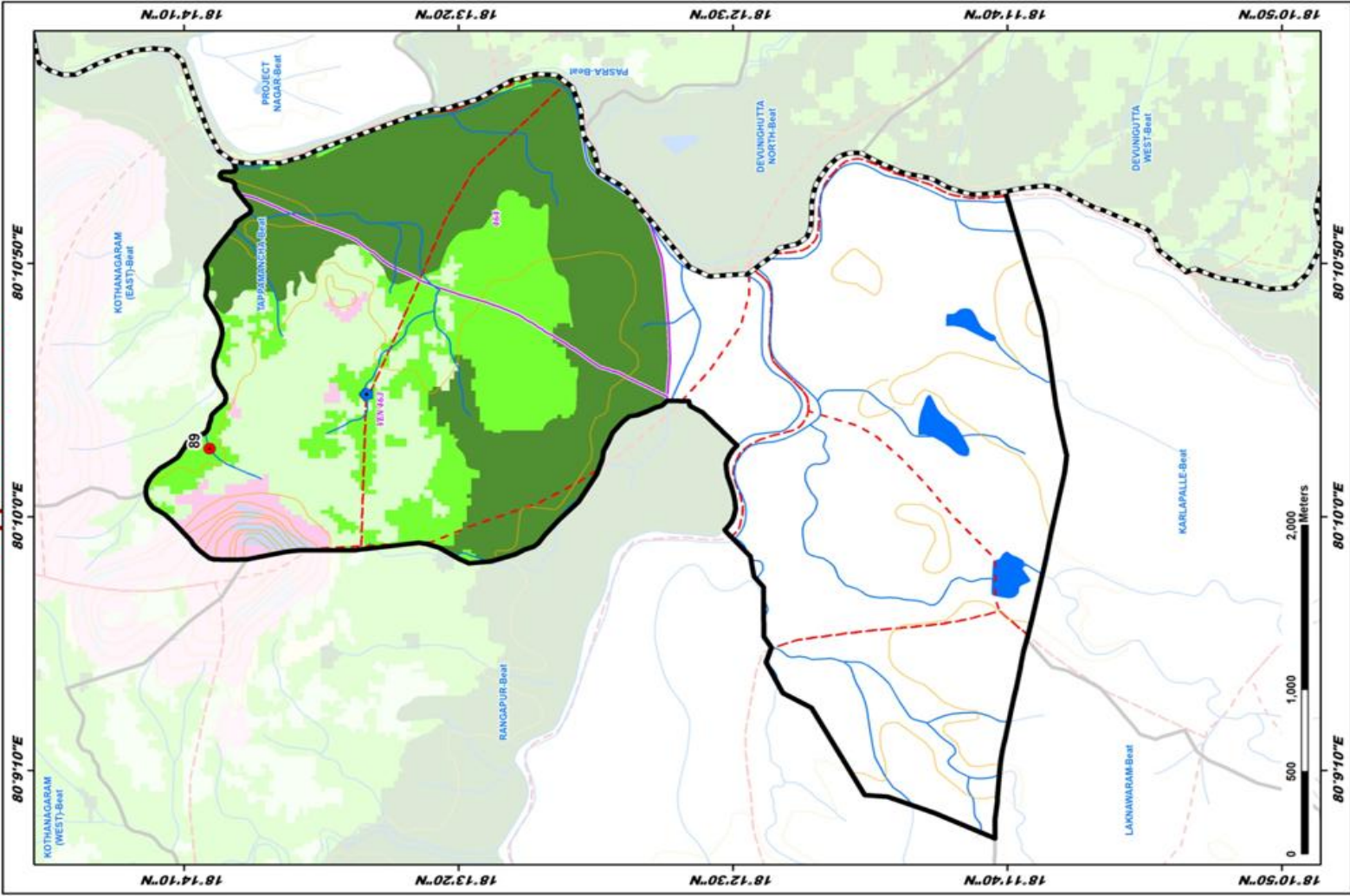
Suitability Index

- 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 Tappamancha Beat



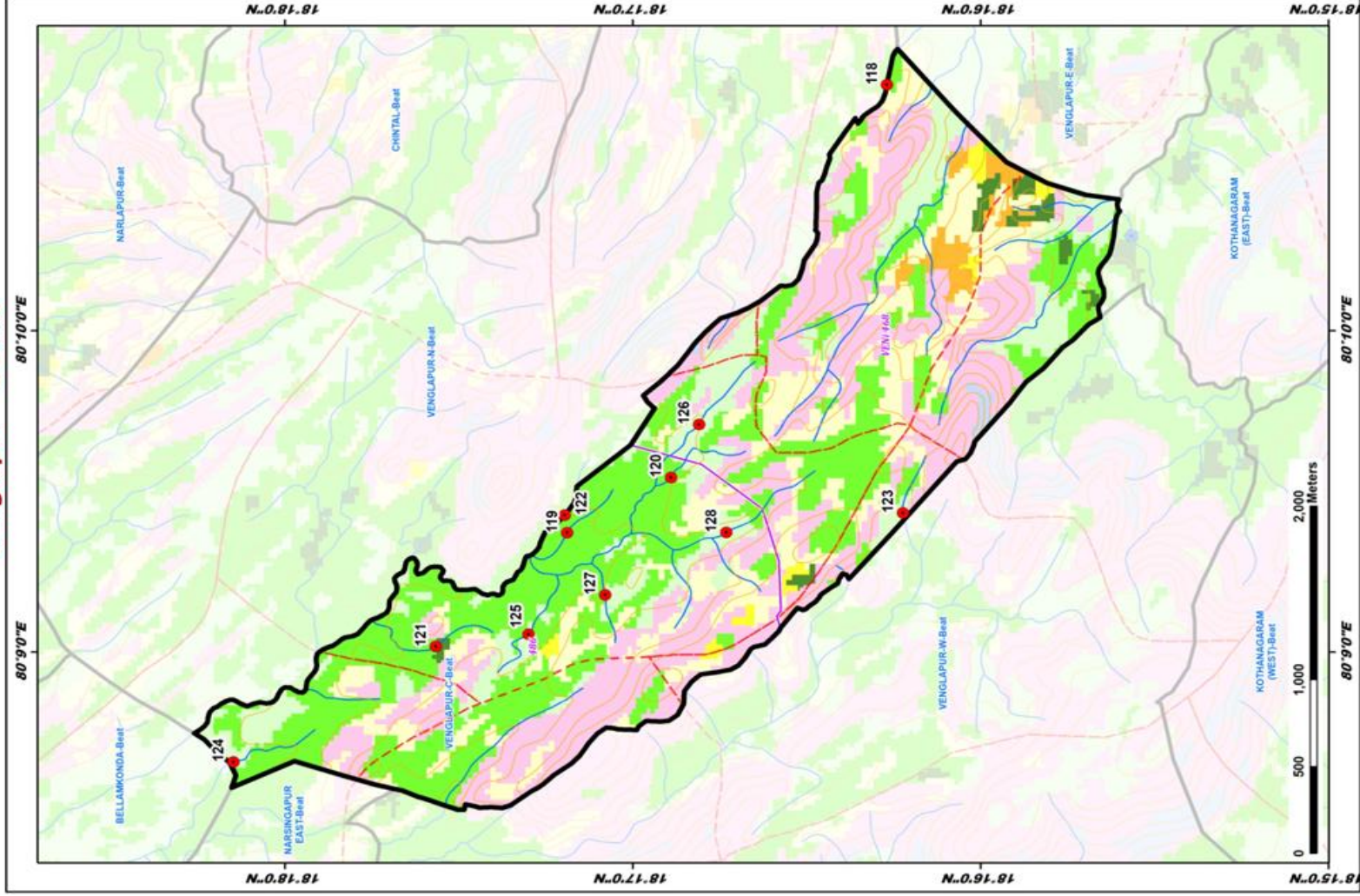
Division : Mulugu
Range : Medaram



Map Showing Suitability index for Construction of SMC Works of Vengalpur - C Beat



Division : Mulugu
Range : Medaram



ID	Latitude	Longitude	Catchment Area, Ha	PRIORITY
118	18.271158	80.179447	4.63	II
119	18.284477	80.156209	6.77	II
120	18.281502	80.159068	11.81	II
121	18.292773	80.150309	9.09	II
122	18.286588	80.157127	38.05	III
123	18.270392	80.157236	15.03	III
124	18.302463	80.144320	23.38	IV
125	18.288331	80.150937	11.80	IV
126	18.280152	80.161818	14.88	IV
127	18.284654	80.152977	14.90	IV
128	18.278842	80.156223	35.64	V

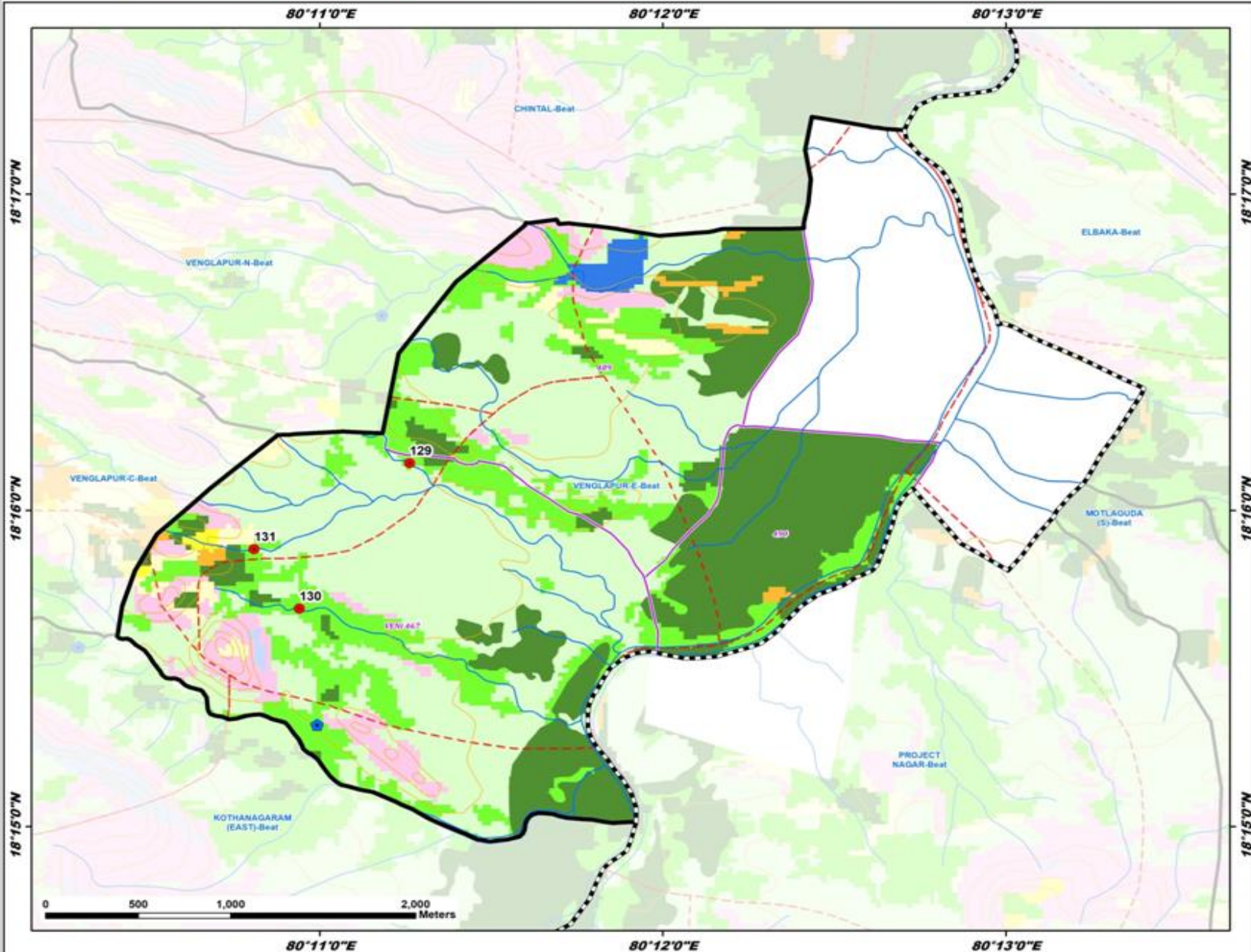
LEGEND

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

Map Showing Suitability index for Construction of SMC Works of Venglapur - E Beat



Division : Mulugu
Range : Medaram



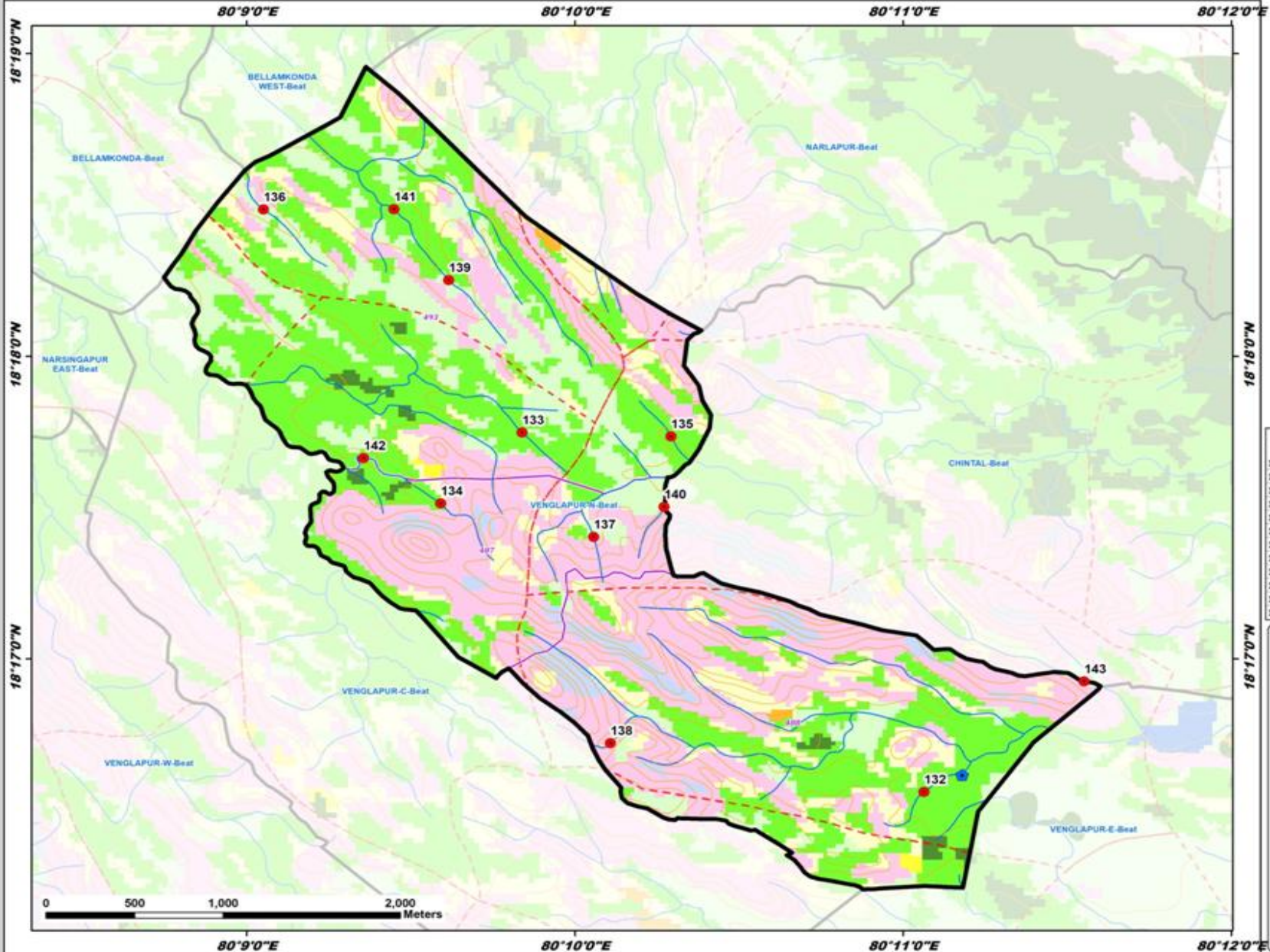
ID	Latitude	Longitude	Catchment Area_Ha	PRIORITY
129	18.269160	80.187692	24.37	II
130	18.261501	80.182327	20.81	II
131	18.264630	80.180125	10.22	IV

- 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 Venglapur - N Beat



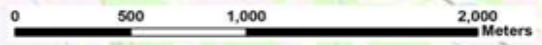
Division : Mulugu
Range : Medaram



ID	Latitude	Longitude	Catchment Area_Ha	PRIORITY
132	18.276018	80.184394	9.43	II
133	18.295805	80.163981	10.54	II
134	18.291907	80.159854	15.24	II
135	18.295593	80.171551	28.27	III
136	18.308087	80.150848	19.96	IV
137	18.290054	80.167623	5.30	IV
138	18.278694	80.168474	13.19	IV
139	18.304193	80.160258	15.03	IV
140	18.291708	80.171200	8.79	IV
141	18.308096	80.157482	33.83	III
142	18.294394	80.155938	32.31	III
143	18.282095	80.192538	61.09	V

LEGEND

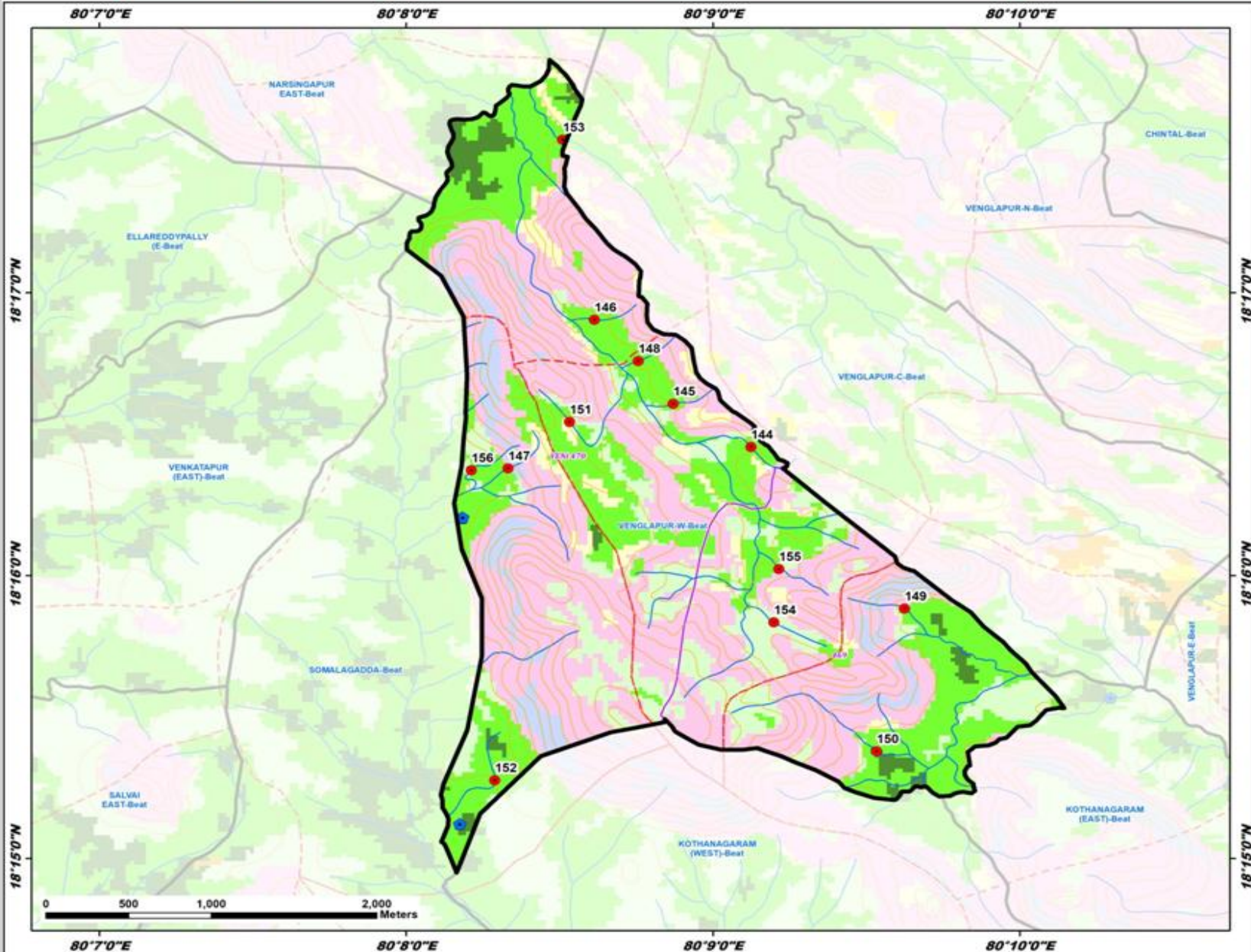
- Proposed PTs
- Existing CD/PTs
- Contours
- Streams
- - - Watershed Boundary
- - - Compartment Boundary
- ▭ Beat Boundary
- ▭ Division Boundary
- Suitability Index**
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately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



Map Showing Suitability index for Construction of SMC Works of Venglapur - W Beat



Division : Mulugu
Range : Medaram

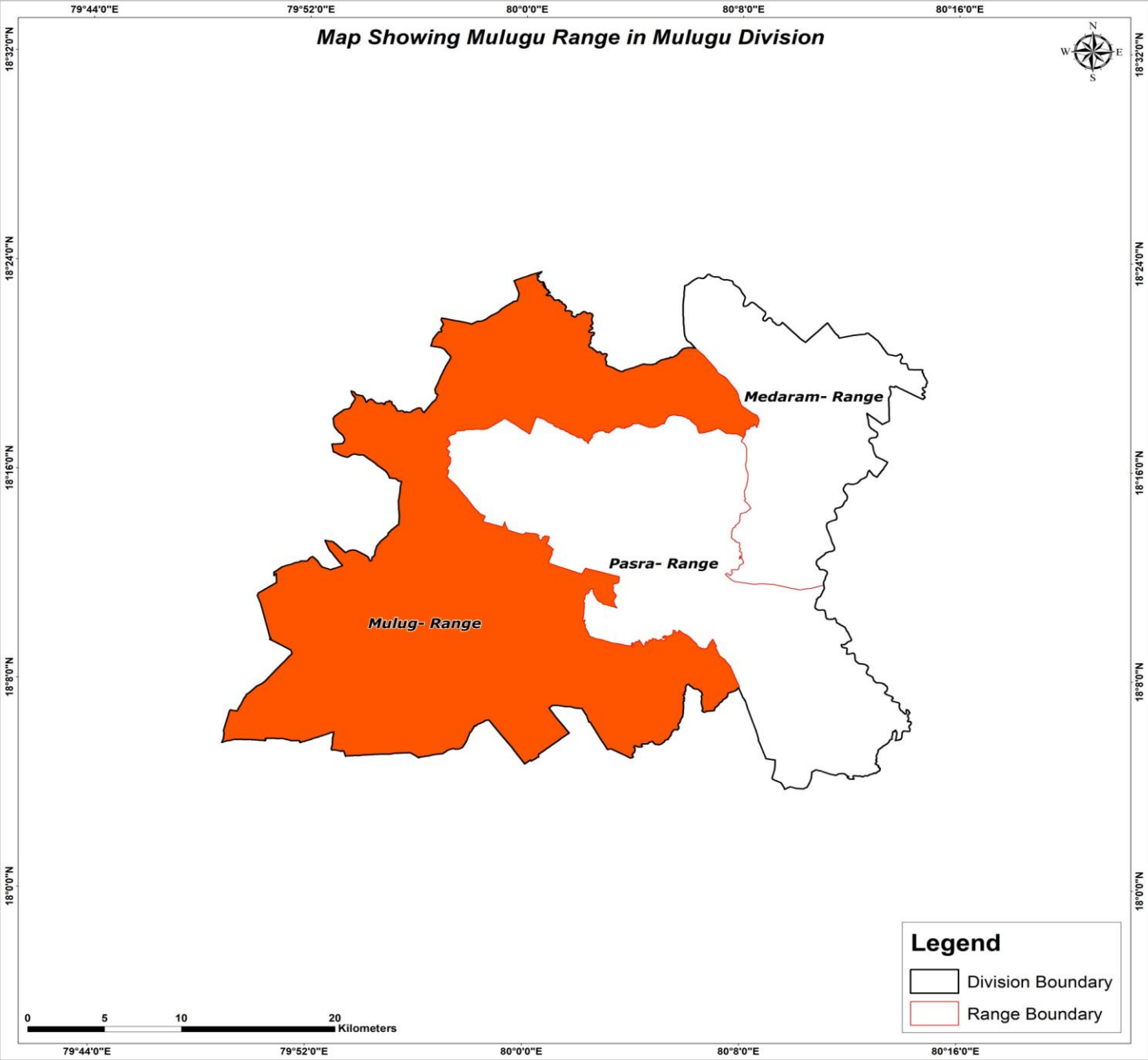


ID	Latitude	Longitude	Catchment Area_Ha	PRIORITY
144	18.274247	80.152074	12.31	II
145	18.276800	80.147855	9.73	II
146	18.281748	80.143573	10.83	II
147	18.272987	80.138881	8.10	II
148	18.279318	80.145957	10.28	II
149	18.264726	80.160417	13.81	II
150	18.256317	80.158906	48.22	II
151	18.275723	80.142217	6.78	II
152	18.254613	80.138155	40.00	III
153	18.292349	80.141845	61.00	IV
154	18.263913	80.153324	15.22	IV
155	18.267063	80.153594	7.34	IV
156	18.272875	80.136880	8.68	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 Mulugu Range in Mulugu Division



79°44'0"E

79°52'0"E

80°0'0"E

80°8'0"E

80°16'0"E

18°32'0"N

18°24'0"N

18°16'0"N

18°8'0"N

18°0'0"N

18°32'0"N

18°24'0"N

18°16'0"N

18°8'0"N

18°0'0"N

0 5 10 20 Kilometers

79°44'0"E

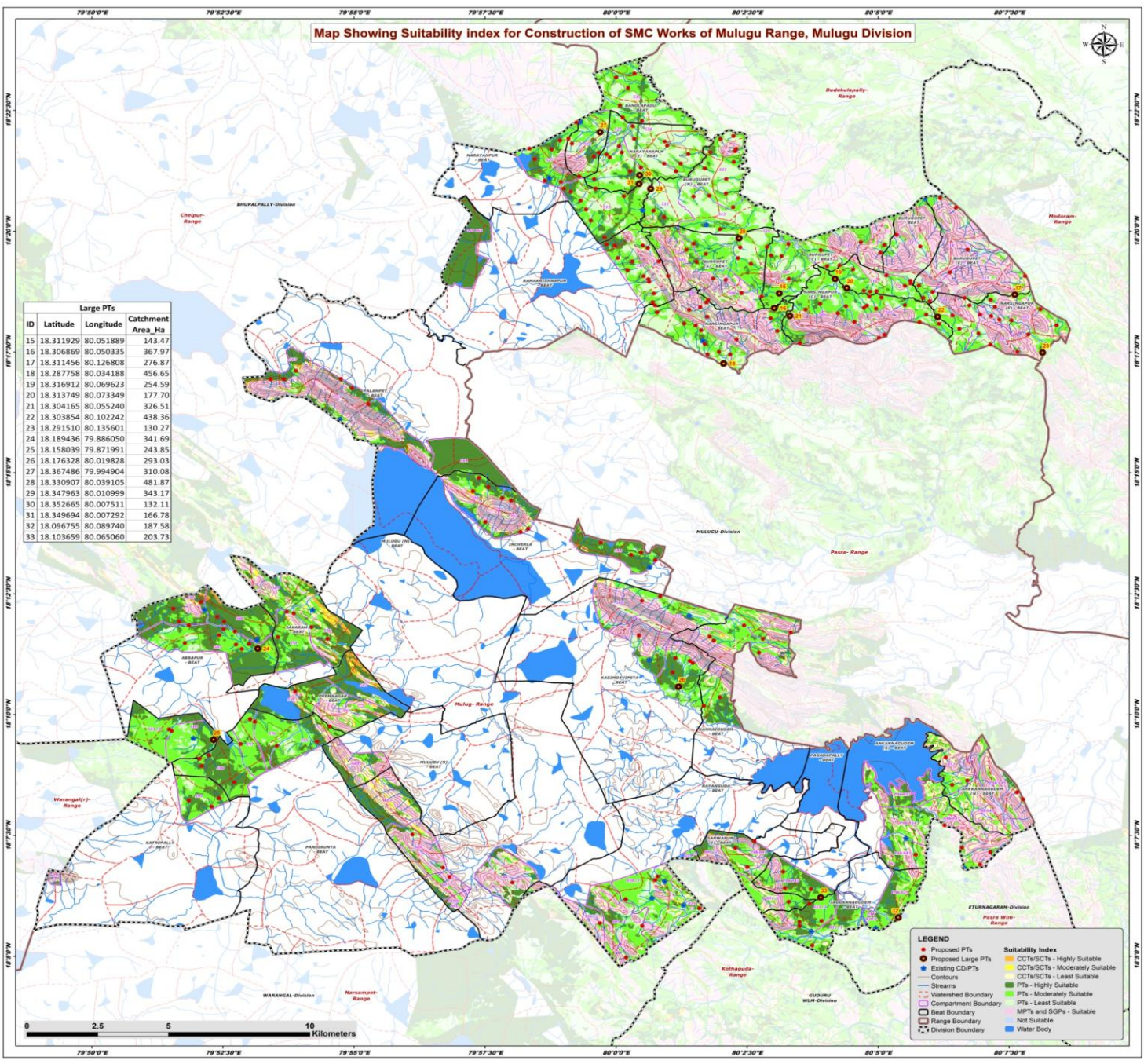
79°52'0"E

80°0'0"E

80°8'0"E

80°16'0"E

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



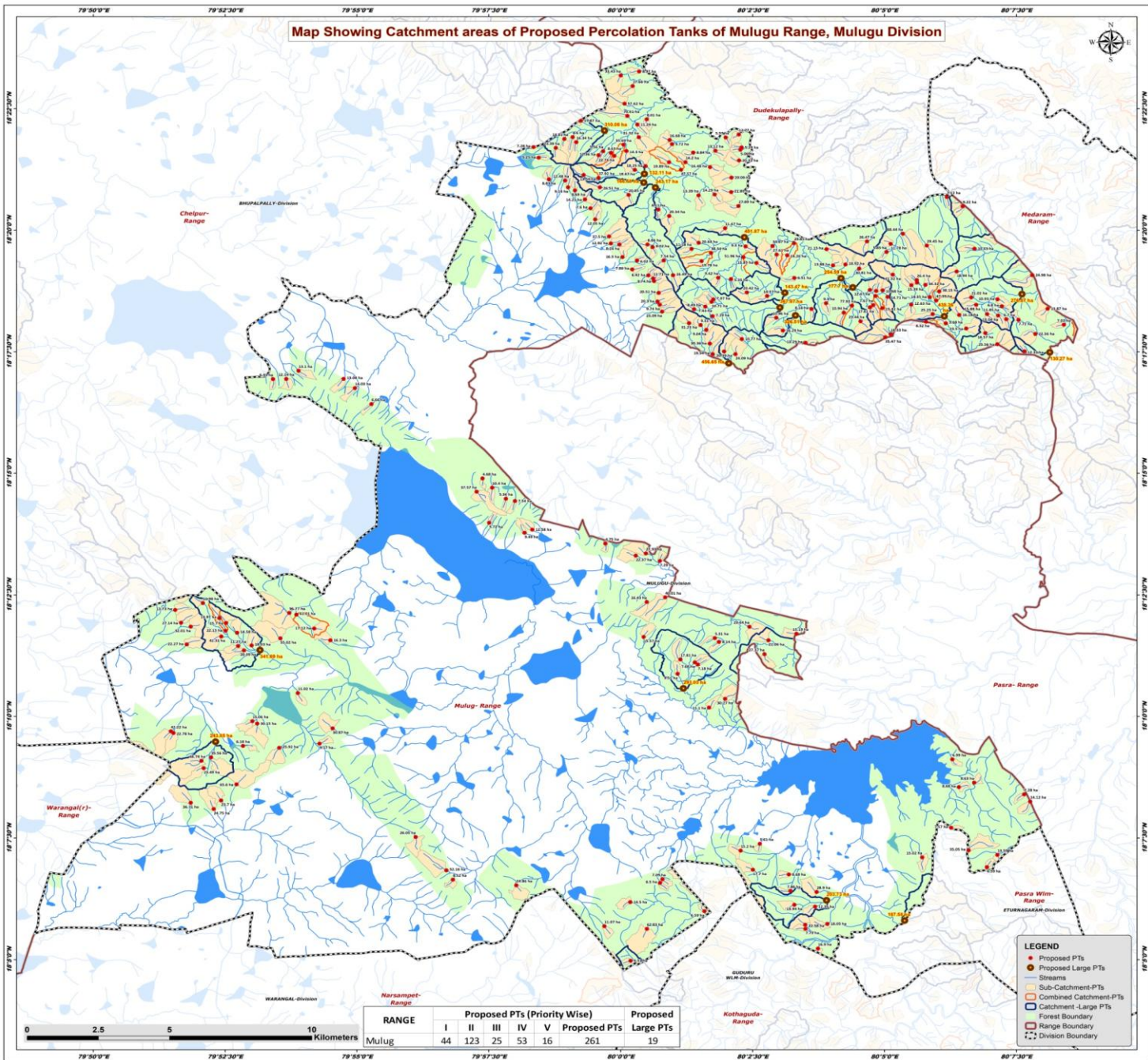
Large PTs			
ID	Latitude	Longitude	Catchment Area_Ha
15	18.311929	80.051889	143.47
16	18.306869	80.050335	367.97
17	18.311456	80.126808	276.87
18	18.287758	80.034188	456.65
19	18.316912	80.069623	254.59
20	18.313749	80.073349	177.70
21	18.304165	80.055240	326.51
22	18.303854	80.102242	438.36
23	18.291510	80.135601	130.27
24	18.189436	79.886050	341.69
25	18.158039	79.871991	243.85
26	18.176328	80.019828	293.03
27	18.367486	79.994904	310.08
28	18.330907	80.039105	481.87
29	18.347963	80.010999	343.17
30	18.352665	80.007511	132.11
31	18.349694	80.007292	166.78
32	18.096755	80.089740	187.58
33	18.103659	80.065060	203.73

LEGEND

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

0 2.5 5 10 Kilometers

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



RANGE	Proposed PTs (Priority Wise)					Proposed Large PTs
	I	II	III	IV	V	
Mulugu	44	123	25	53	16	261
						19

Beat wise Abstract of Proposed PT's – Mulugu Range

S. No.	Beat	Proposed PT's
1	ABBAPUR	13
2	ANKANNAGUDEM(SOUTH)	5
3	ANKANNAGUDEM(NORTH)	5
4	BANDLAPADU	9
5	BURGUPET CENTRAL	11
6	BURGUPET SOUTH	11
7	BURUGUPET	10
8	BURUGUPET EAST	9
9	BURUGUPET NORTH	15
10	INCHERLA	12
11	JAGGANNAGUDEM	4
12	JAKARAM	5
13	KANNAIGUDEM	8
14	KASIMDEVIPETA	7
15	KATREPALLY	5
16	MULUGU(N)	4
17	NARAYANAPUR EAST	16
18	NARAYANPUR	16
19	NARSINGAPUR	16
20	NARSINGAPUR (CENTRAL)	17
21	NARSINGAPUR EAST	16
22	PAGADAPALLY	3
23	PALAMPET	6
24	PANDIKUNTA	9
25	PREMNAGAR	2
26	RAMAKRISHNAPUR	15
27	RAYANGUDA	7
28	SARWAPUR-I	5
	Total	261

List of Proposed PTs – Mulugu 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
157	18.326858	80.065058	21.15	I	BURGUPET-C	197	18.307173	80.026756	7.43	IV	NARSINGAPUR	237	18.328457	79.999621	8.24	I	RAMAKRISHNAPUR
158	18.328684	80.085312	11.78	II	BURGUPET-C	198	18.309623	80.029325	7.07	IV	NARSINGAPUR	238	18.311872	80.012021	20.51	II	RAMAKRISHNAPUR
159	18.321598	80.071039	18.92	II	BURGUPET-C	199	18.303893	80.029053	7.19	IV	NARSINGAPUR	239	18.319902	80.003654	7.86	II	RAMAKRISHNAPUR
160	18.324754	80.052636	14.26	II	BURGUPET-C	200	18.306247	80.023224	8.49	IV	NARSINGAPUR	240	18.324129	80.000572	16.50	II	RAMAKRISHNAPUR
161	18.316999	80.054909	6.51	II	BURGUPET-C	201	18.290868	80.036275	24.09	IV	NARSINGAPUR	241	18.328431	80.008499	8.86	II	RAMAKRISHNAPUR
162	18.325886	80.084033	5.85	II	BURGUPET-C	202	18.290866	80.029079	19.54	IV	NARSINGAPUR	242	18.308895	80.011658	20.30	II	RAMAKRISHNAPUR
163	18.310803	80.046280	14.37	II	BURGUPET-C	203	18.308323	80.064927	9.30	I	NARSINGAPUR-C	243	18.322977	80.005173	6.02	II	RAMAKRISHNAPUR
164	18.321277	80.067103	13.88	II	BURGUPET-C	204	18.305096	80.070490	10.94	II	NARSINGAPUR-C	244	18.316838	80.010289	11.71	IV	RAMAKRISHNAPUR
165	18.325014	80.049298	27.61	III	BURGUPET-C	205	18.307687	80.079796	7.67	II	NARSINGAPUR-C	245	18.315929	80.010562	8.74	IV	RAMAKRISHNAPUR
166	18.329509	80.077870	26.47	V	BURGUPET-C	206	18.301989	80.096499	8.32	II	NARSINGAPUR-C	246	18.307822	80.012371	9.74	IV	RAMAKRISHNAPUR
167	18.328885	80.054792	29.85	III	BURGUPET-C	207	18.306355	80.060319	8.16	II	NARSINGAPUR-C	247	18.317915	80.016562	16.49	IV	RAMAKRISHNAPUR
168	18.312516	80.080734	10.06	II	BURUGUPET	208	18.306650	80.082705	15.41	II	NARSINGAPUR-C	248	18.327559	80.010096	8.02	IV	RAMAKRISHNAPUR
169	18.312856	80.078786	12.47	II	BURUGUPET	209	18.302133	80.075810	23.44	II	NARSINGAPUR-C	249	18.317876	80.008748	6.42	IV	RAMAKRISHNAPUR
170	18.312737	80.082809	10.68	II	BURUGUPET	210	18.307862	80.091837	12.63	II	NARSINGAPUR-C	250	18.322984	80.013621	7.54	IV	RAMAKRISHNAPUR
171	18.315400	80.093639	5.10	II	BURUGUPET	211	18.310499	80.084380	14.71	II	NARSINGAPUR-C	251	18.198741	79.875368	15.70	I	ABBAPUR
172	18.316252	80.093572	26.40	III	BURUGUPET	212	18.294736	80.058432	13.29	II	NARSINGAPUR-C	252	18.191028	79.883399	18.33	I	ABBAPUR
173	18.320188	80.075388	30.81	III	BURUGUPET	213	18.301447	80.102746	9.68	II	NARSINGAPUR-C	253	18.203196	79.859266	13.73	I	ABBAPUR
174	18.314516	80.091879	15.39	IV	BURUGUPET	214	18.304595	80.098619	25.25	III	NARSINGAPUR-C	254	18.195339	79.878825	14.58	I	ABBAPUR
175	18.332147	80.089192	68.44	V	BURUGUPET	215	18.306926	80.078810	17.61	IV	NARSINGAPUR-C	255	18.205541	79.868016	11.98	I	ABBAPUR
176	18.318135	80.086016	41.32	V	BURUGUPET	216	18.297706	80.085333	16.33	IV	NARSINGAPUR-C	256	18.200411	79.873233	13.97	I	ABBAPUR
177	18.328108	80.096739	29.45	V	BURUGUPET	217	18.296662	80.083610	35.47	V	NARSINGAPUR-C	257	18.197473	79.864163	32.01	II	ABBAPUR
178	18.310379	80.097697	14.35	II	BURUGUPET EAST	218	18.310799	80.080505	27.77	III	NARSINGAPUR-C	258	18.198798	79.861115	27.14	II	ABBAPUR
179	18.317940	80.130046	24.98	II	BURUGUPET EAST	219	18.307508	80.073099	77.93	IV	NARSINGAPUR-C	259	18.194081	79.873829	41.31	II	ABBAPUR
180	18.314627	80.096299	34.32	III	BURUGUPET EAST	220	18.309690	80.119070	10.93	II	NARSINGAPUR-E	260	18.189344	79.881000	20.09	II	ABBAPUR
181	18.327012	80.111823	10.43	IV	BURUGUPET EAST	221	18.310326	80.110801	21.02	II	NARSINGAPUR-E	261	18.190861	79.879168	11.27	II	ABBAPUR
182	18.341528	80.108074	9.22	IV	BURUGUPET EAST	222	18.306428	80.134937	13.87	II	NARSINGAPUR-E	262	18.191404	79.862902	22.27	II	ABBAPUR
183	18.319196	80.106186	18.94	IV	BURUGUPET EAST	223	18.298095	80.115256	18.57	II	NARSINGAPUR-E	263	18.196051	79.875170	22.15	II	ABBAPUR
184	18.344719	80.103068	7.12	IV	BURUGUPET EAST	224	18.291806	80.127598	12.33	II	NARSINGAPUR-E	264	18.192798	79.908296	16.30	I	JAKARAM
185	18.312395	80.100671	38.15	V	BURUGUPET EAST	225	18.304312	80.106988	16.18	II	NARSINGAPUR-E	265	18.196847	79.903174	17.12	II	JAKARAM
186	18.309248	80.099702	47.99	V	BURUGUPET EAST	226	18.297813	80.131049	22.56	II	NARSINGAPUR-E	266	18.202160	79.895290	96.77	III	JAKARAM
187	18.305443	80.013104	23.09	I	NARSINGAPUR	227	18.300936	80.140064	7.02	II	NARSINGAPUR-E	267	18.193480	79.892466	55.02	IV	JAKARAM
188	18.291791	80.032691	20.39	II	NARSINGAPUR	228	18.302631	80.125699	7.72	II	NARSINGAPUR-E	268	18.201590	79.897552	61.01	IV	JAKARAM
189	18.301476	80.021608	31.23	II	NARSINGAPUR	229	18.299654	80.109183	23.50	IV	NARSINGAPUR-E	269	18.137889	79.873742	23.70	I	KATREPALLY
190	18.299192	80.027054	9.04	II	NARSINGAPUR	230	18.302857	80.121854	6.70	IV	NARSINGAPUR-E	270	18.161042	79.858698	22.78	II	KATREPALLY
191	18.298966	80.051264	16.29	II	NARSINGAPUR	231	18.304098	80.119284	13.04	IV	NARSINGAPUR-E	271	18.134955	79.871424	24.75	II	KATREPALLY
192	18.303336	80.049201	10.96	II	NARSINGAPUR	232	18.304599	80.115799	11.85	IV	NARSINGAPUR-E	272	18.137083	79.864144	36.71	II	KATREPALLY
193	18.308785	80.028736	10.71	II	NARSINGAPUR	233	18.307279	80.120463	6.80	IV	NARSINGAPUR-E	273	18.161599	79.857889	42.22	III	KATREPALLY
194	18.300840	80.025278	9.31	II	NARSINGAPUR	234	18.307774	80.112362	15.88	IV	NARSINGAPUR-E	274	18.148955	79.868268	23.49	I	PANDIKUNTA
195	18.294468	80.028167	30.36	III	NARSINGAPUR	235	18.294309	80.119036	25.56	V	NARSINGAPUR-E	275	18.157404	79.904843	9.17	I	PANDIKUNTA
196	18.296047	80.038295	10.77	IV	NARSINGAPUR	236	18.328816	79.996927	12.92	I	RAMAKRISHNAPUR	276	18.156589	79.880677	6.18	II	PANDIKUNTA

List of Proposed PTs – Mulugu 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
277	18.152658	79.870590	35.56	II	PANDIKUNTA	317	18.322783	80.025569	19.78	II	BURGUPET SOUTH	357	18.352287	79.988305	13.54	I	NARAYANPUR
278	18.165068	79.883668	15.06	II	PANDIKUNTA	318	18.327776	80.039472	9.40	II	BURGUPET SOUTH	358	18.361567	79.979510	23.39	I	NARAYANPUR
279	18.155929	79.892147	25.92	III	PANDIKUNTA	319	18.312039	80.039914	20.42	IV	BURGUPET SOUTH	359	18.337038	79.991984	12.05	I	NARAYANPUR
280	18.143408	79.878617	65.60	III	PANDIKUNTA	320	18.316609	80.034887	5.35	IV	BURGUPET SOUTH	360	18.331232	79.996350	37.50	II	NARAYANPUR
281	18.164237	79.885190	30.15	III	PANDIKUNTA	321	18.327951	80.047999	34.87	V	BURGUPET SOUTH	361	18.345464	80.002528	20.85	II	NARAYANPUR
282	18.151487	79.867547	66.74	IV	PANDIKUNTA	322	18.325541	80.028544	38.34	III	BURGUPET SOUTH	362	18.350379	79.982431	12.48	II	NARAYANPUR
283	18.174709	79.898000	11.02	I	PREMNAGAR	323	18.324106	80.038781	51.96	IV	BURGUPET SOUTH	363	18.361824	79.972457	7.28	II	NARAYANPUR
284	18.162605	79.908991	30.87	III	PREMNAGAR	324	18.345602	80.029703	14.29	I	BURUGUPET (N)	364	18.364636	79.982232	14.81	II	NARAYANPUR
285	18.195056	80.055542	15.19	II	KANNAIGUDEM	325	18.354960	80.028255	16.48	I	BURUGUPET (N)	365	18.365260	79.984859	8.60	II	NARAYANPUR
286	18.193544	80.029760	5.31	II	KANNAIGUDEM	326	18.365151	80.033204	5.57	II	BURUGUPET (N)	366	18.343906	79.988730	14.21	II	NARAYANPUR
287	18.192776	80.046709	21.06	II	KANNAIGUDEM	327	18.360608	80.029954	13.12	II	BURUGUPET (N)	367	18.370859	79.987451	17.87	II	NARAYANPUR
288	18.169707	80.027947	11.10	II	KANNAIGUDEM	328	18.346422	80.034931	21.89	II	BURUGUPET (N)	368	18.348059	79.983393	9.14	II	NARAYANPUR
289	18.192247	80.031055	8.14	II	KANNAIGUDEM	329	18.357244	80.037412	20.31	II	BURUGUPET (N)	369	18.346982	79.985563	8.69	II	NARAYANPUR
290	18.172722	80.032987	30.27	III	KANNAIGUDEM	330	18.366183	80.037332	12.77	II	BURUGUPET (N)	370	18.340844	79.990494	7.60	IV	NARAYANPUR
291	18.188031	80.045461	27.37	III	KANNAIGUDEM	331	18.334052	80.033001	11.67	II	BURUGUPET (N)	371	18.219966	80.012391	7.29	I	INCHERLA
292	18.197427	80.040679	23.64	IV	KANNAIGUDEM	332	18.338209	80.015357	20.34	II	BURUGUPET (N)	372	18.229653	79.969641	9.49	I	INCHERLA
293	18.181293	80.018013	9.51	I	KASIMDEVIPETA	333	18.340436	80.011909	6.11	II	BURUGUPET (N)	373	18.245095	79.959403	10.40	I	INCHERLA
294	18.185230	80.023447	7.68	II	KASIMDEVIPETA	334	18.341636	80.037251	27.89	III	BURUGUPET (N)	374	18.248255	79.956373	4.68	I	INCHERLA
295	18.186226	80.018897	17.81	II	KASIMDEVIPETA	335	18.345300	80.024643	13.39	IV	BURUGUPET (N)	375	18.230721	79.972096	12.58	I	INCHERLA
296	18.184505	80.024415	7.18	II	KASIMDEVIPETA	336	18.361717	80.038213	5.29	IV	BURUGUPET (N)	376	18.241346	79.963751	5.36	I	INCHERLA
297	18.193954	80.007267	15.57	II	KASIMDEVIPETA	337	18.360967	80.037841	5.06	IV	BURUGUPET (N)	377	18.233090	79.958477	5.72	II	INCHERLA
298	18.205931	80.008242	16.43	IV	KASIMDEVIPETA	338	18.351363	80.035025	29.09	V	BURUGUPET (N)	378	18.240525	79.966606	7.54	II	INCHERLA
299	18.207512	80.014083	40.01	V	KASIMDEVIPETA	339	18.360485	80.001814	14.30	II	NARAYANAPUR (E)	379	18.221785	80.004779	22.37	II	INCHERLA
300	18.110757	79.947019	8.52	IV	MULUGU(N)	340	18.362843	80.016272	9.72	II	NARAYANAPUR (E)	380	18.225968	79.995166	4.75	II	INCHERLA
301	18.108808	79.967015	24.86	IV	MULUGU(N)	341	18.356671	80.020485	14.20	II	NARAYANAPUR (E)	381	18.222576	80.008008	27.93	III	INCHERLA
302	18.125375	79.935220	26.05	V	MULUGU(N)	342	18.359864	79.996960	8.63	II	NARAYANAPUR (E)	382	18.243735	79.954511	37.57	III	INCHERLA
303	18.113939	79.944938	52.16	V	MULUGU(N)	343	18.354039	80.004475	18.67	II	NARAYANAPUR (E)	383	18.282375	79.894355	12.14	I	PALAMPET
304	18.359036	79.993031	12.36	I	BANDLAPADU	344	18.364283	80.015493	16.68	II	NARAYANAPUR (E)	384	18.282401	79.912463	13.08	I	PALAMPET
305	18.382776	80.003818	17.66	I	BANDLAPADU	345	18.359965	80.022955	8.84	II	NARAYANAPUR (E)	385	18.282320	79.890164	6.43	I	PALAMPET
306	18.360436	79.994496	5.56	II	BANDLAPADU	346	18.348043	79.993445	26.51	III	NARAYANAPUR (E)	386	18.279221	79.916048	14.03	I	PALAMPET
307	18.387756	80.005869	8.97	II	BANDLAPADU	347	18.358838	79.998021	22.74	IV	NARAYANAPUR (E)	387	18.273760	79.921247	6.66	I	PALAMPET
308	18.386371	80.000043	33.43	III	BANDLAPADU	348	18.356660	80.015301	19.89	IV	NARAYANAPUR (E)	388	18.285175	79.898214	13.10	II	PALAMPET
309	18.363526	79.985997	16.34	IV	BANDLAPADU	349	18.355329	80.007889	18.25	IV	NARAYANAPUR (E)	389	18.128514	80.104411	7.57	II	ANKANNAGUDEM (S)
310	18.376702	80.001240	57.62	IV	BANDLAPADU	350	18.369557	80.005296	11.24	IV	NARAYANAPUR (E)	390	18.119233	80.119051	13.59	II	ANKANNAGUDEM (S)
311	18.371370	80.008264	8.01	IV	BANDLAPADU	351	18.365204	80.005739	31.32	V	NARAYANAPUR (E)	391	18.115067	80.115728	6.59	II	ANKANNAGUDEM (S)
312	18.372536	80.002139	70.61	IV	BANDLAPADU	352	18.351273	79.993036	37.92	III	NARAYANAPUR (E)	392	18.118417	80.095299	15.02	II	ANKANNAGUDEM (S)
313	18.322136	80.042890	13.85	I	BURGUPET SOUTH	353	18.354081	80.019061	47.57	V	NARAYANAPUR (E)	393	18.120785	80.109958	35.05	III	ANKANNAGUDEM (S)
314	18.329044	80.024651	20.64	II	BURGUPET SOUTH	354	18.362653	80.000901	35.69	V	NARAYANAPUR (E)	394	18.140008	80.127487	7.28	II	ANKANNAGUDEM(N)
315	18.326972	80.022434	11.18	II	BURGUPET SOUTH	355	18.350807	79.977345	8.83	I	NARAYANPUR	395	18.137502	80.129388	14.12	II	ANKANNAGUDEM(N)
316	18.317064	80.030823	9.42	II	BURGUPET SOUTH	356	18.358231	79.974125	5.25	I	NARAYANPUR	396	18.143978	80.111717	8.63	II	ANKANNAGUDEM(N)

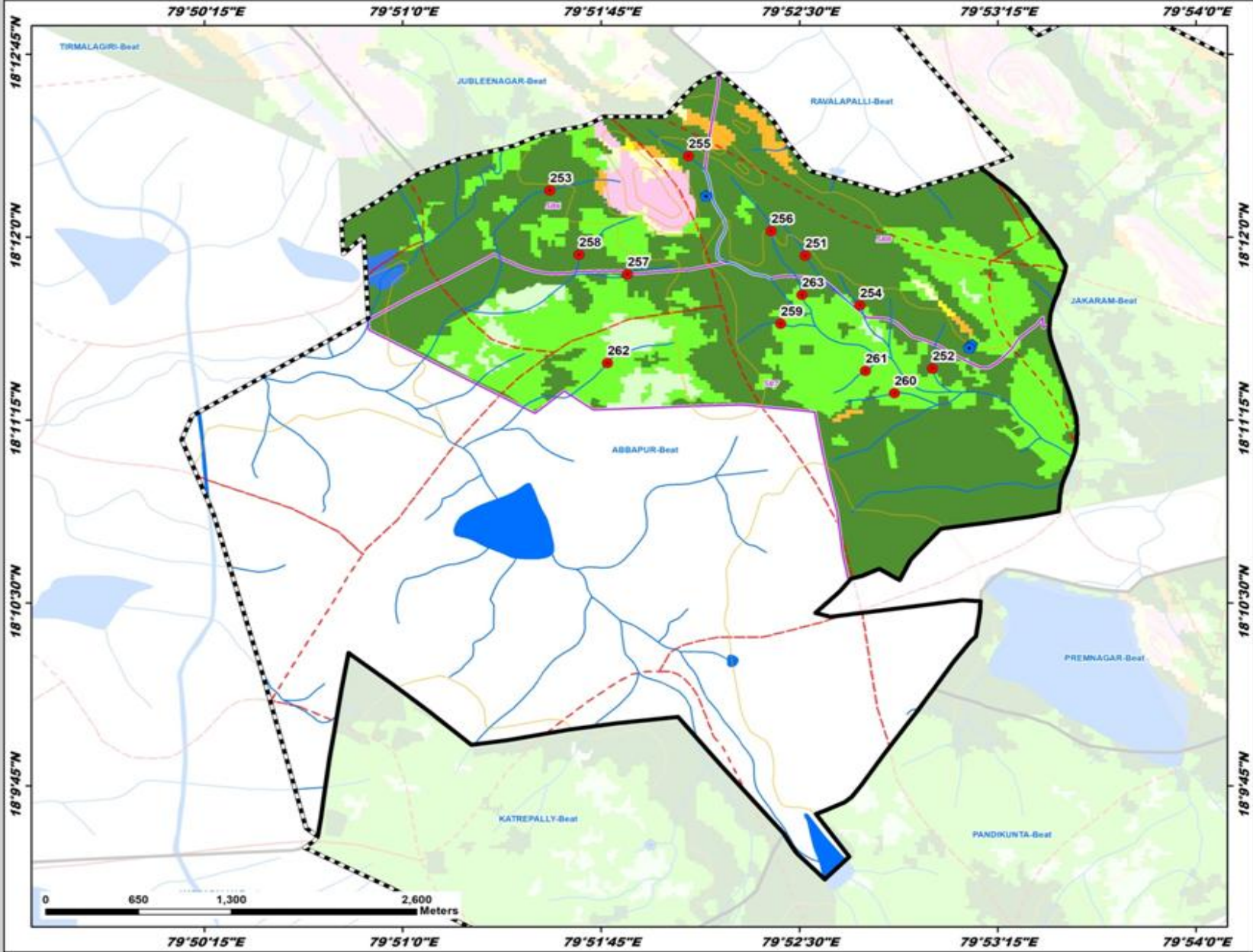
List of Proposed PTs – Mulugu Range

ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat
397	18.142447	80.106867	8.68	II	ANKKANNAGUDEM(NORTH)
398	18.151992	80.104796	6.99	II	ANKKANNAGUDEM(NORTH)
399	18.093901	80.058386	7.73	I	JAGGANNAGUDEM
400	18.095278	80.058336	22.58	II	JAGGANNAGUDEM
401	18.095605	80.065336	18.05	II	JAGGANNAGUDEM
402	18.087128	80.062363	16.90	IV	JAGGANNAGUDEM
403	18.106890	80.053648	7.86	II	PAGADAPALLY
404	18.112537	80.053159	8.68	II	PAGADAPALLY
405	18.106537	80.061931	28.90	III	PAGADAPALLY
406	18.103045	80.003047	14.50	I	RAYANGUDA
407	18.109627	80.012465	6.50	I	RAYANGUDA
408	18.082973	80.003167	6.51	II	RAYANGUDA
409	18.094798	79.994875	11.07	II	RAYANGUDA
410	18.099927	80.026477	6.59	II	RAYANGUDA
411	18.093896	80.008309	62.83	IV	RAYANGUDA
412	18.110891	80.013213	7.09	IV	RAYANGUDA
413	18.123064	80.043958	5.61	I	SARWAPUR-I
414	18.120692	80.037927	15.20	I	SARWAPUR-I
415	18.101493	80.061444	12.35	I	SARWAPUR-I
416	18.102132	80.054887	13.94	II	SARWAPUR-I
417	18.114146	80.041784	17.70	II	SARWAPUR-I

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



Division : Mulugu
Range : Mulugu

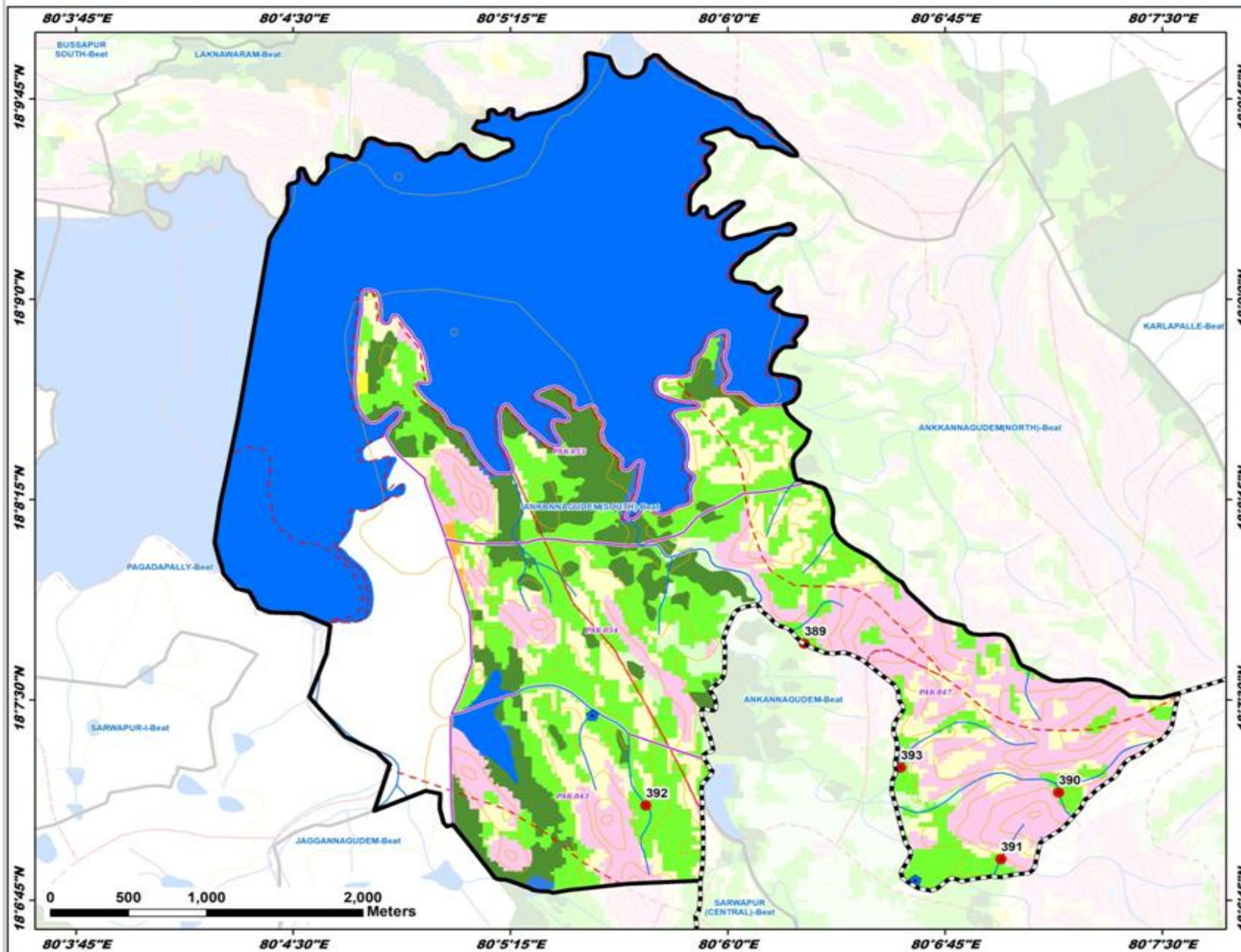


ID	Latitude	Longitude	Catchment Area_Ha	PRIORITY
251	18.198741	79.875368	15.70	I
252	18.191028	79.883399	18.33	I
253	18.203196	79.859266	13.73	I
254	18.195339	79.878825	14.58	I
255	18.205541	79.868016	11.98	I
256	18.200411	79.873233	13.97	I
257	18.197473	79.864163	32.01	II
258	18.198798	79.861115	27.14	II
259	18.194081	79.873829	41.31	II
260	18.189344	79.881000	20.09	II
261	18.190861	79.879168	11.27	II
262	18.191404	79.862902	22.27	II
263	18.196051	79.875170	22.15	II

LEGEND

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

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



Division : Mulugu
Range : Mulugu

ID	Latitude	Longitude	Catchment Area_Ha	PRIORITY
389	18.128514	80.104411	7.57	II
390	18.119233	80.119051	13.59	II
391	18.115067	80.115728	6.59	II
392	18.118417	80.095299	15.02	II
393	18.120785	80.109958	35.05	III

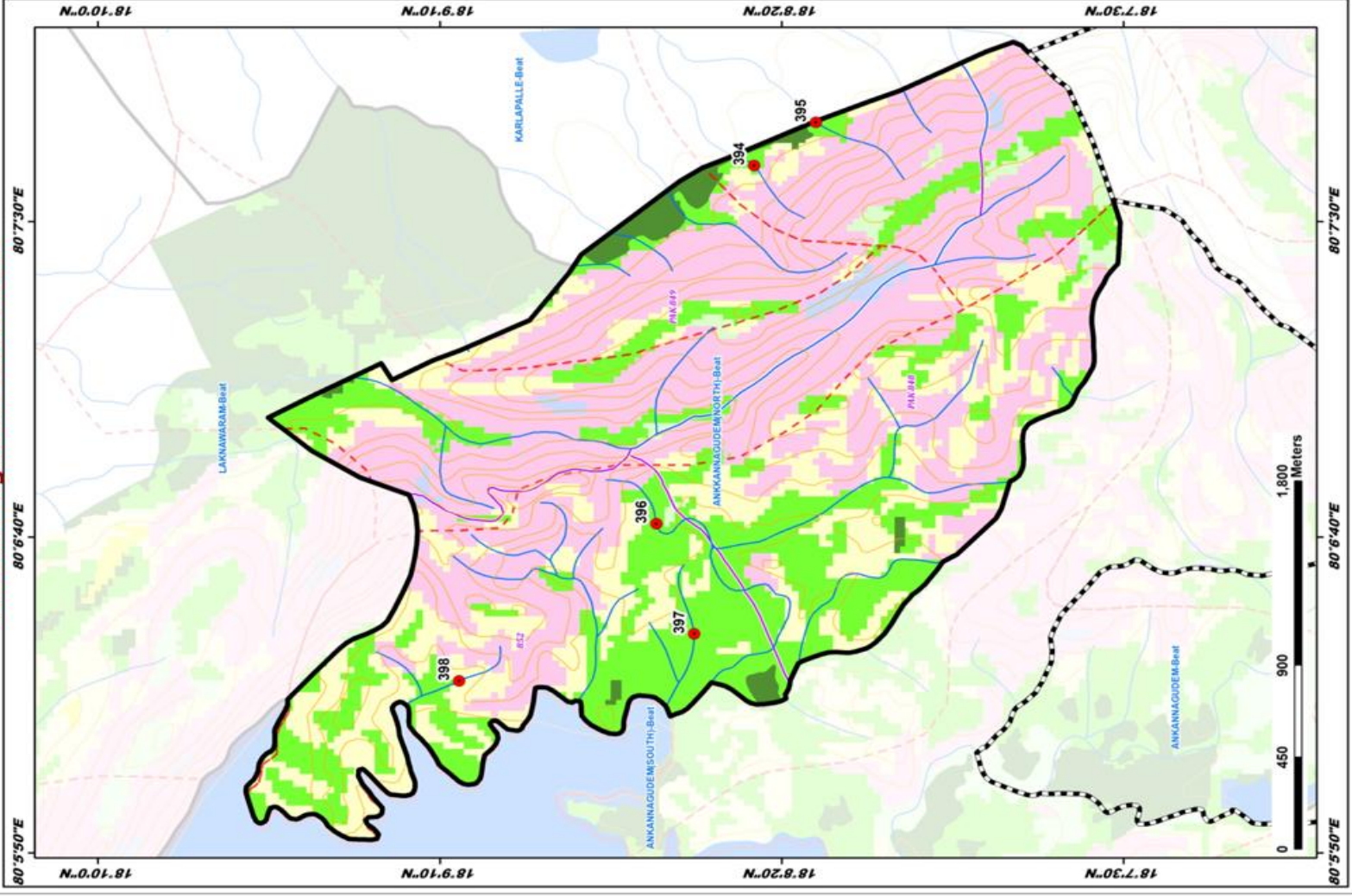
LEGEND

- Existing 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 Ankkannagudem North Beat



Division : Mulugu
Range : Mulugu



ID	Latitude	Longitude	Catchment Area_Ha	PRIORITY
394	18.140008	80.127487	7.28	II
395	18.137502	80.129388	14.12	II
396	18.143978	80.111717	8.63	II
397	18.142447	80.106867	8.68	II
398	18.151992	80.104796	6.99	II

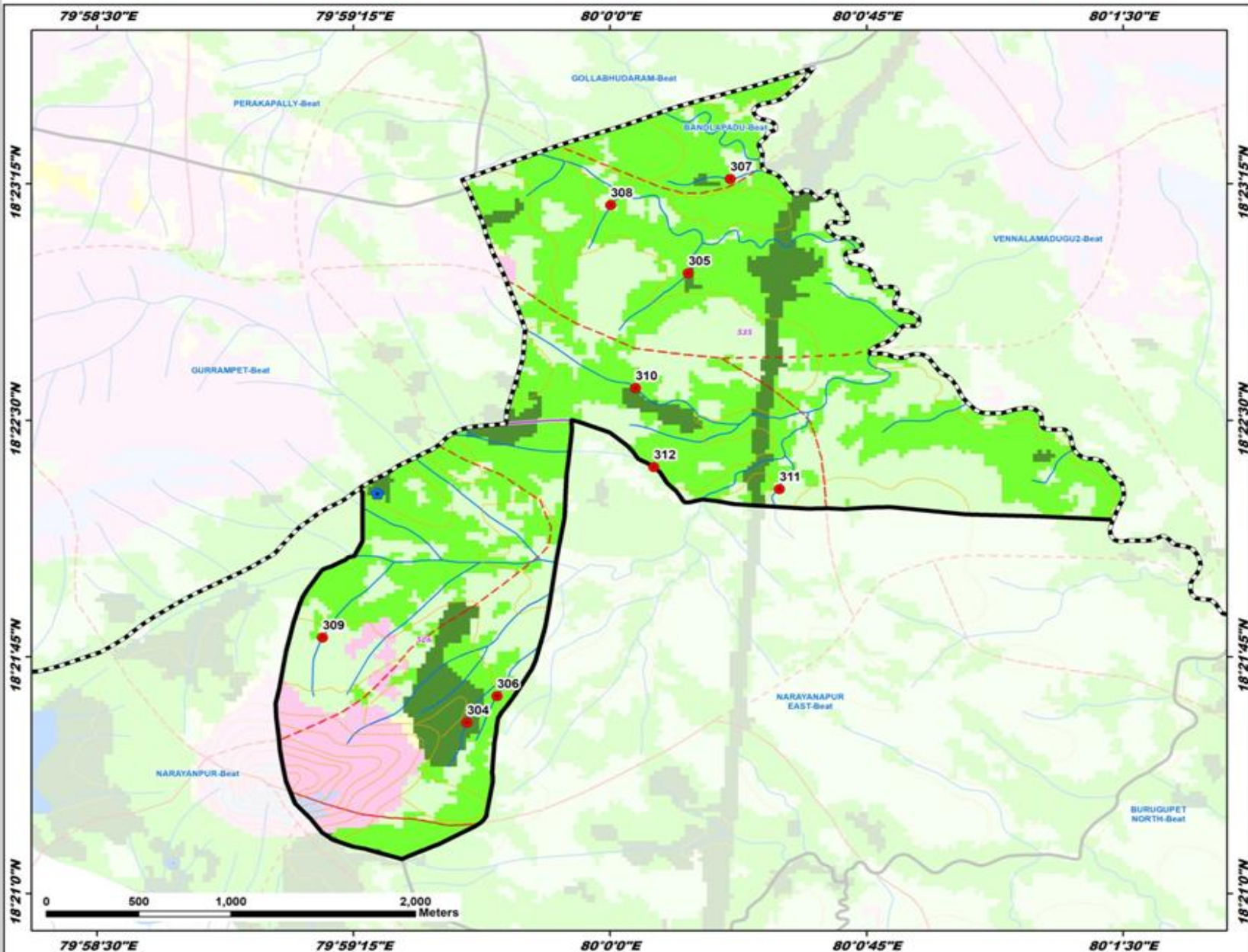
LEGEND

- Proposed PTs
- Existing CD/PTs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat Boundary
- Division Boundary
- Suitability Index
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MP's and SGP's - Suitable
- No Suitable
- Water Body

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



Division : Mulugu
Range : Mulugu



ID	Latitude	Longitude	Catchment Area_Ha	PRIORITY
304	18.359036	79.993031	12.36	I
305	18.382776	80.003818	17.66	I
306	18.360436	79.994496	5.56	II
307	18.387756	80.005869	8.97	II
308	18.386371	80.000043	33.43	III
309	18.363526	79.985997	16.34	IV
310	18.376702	80.001240	57.62	IV
311	18.371370	80.008264	8.01	IV
312	18.372536	80.002139	70.61	IV

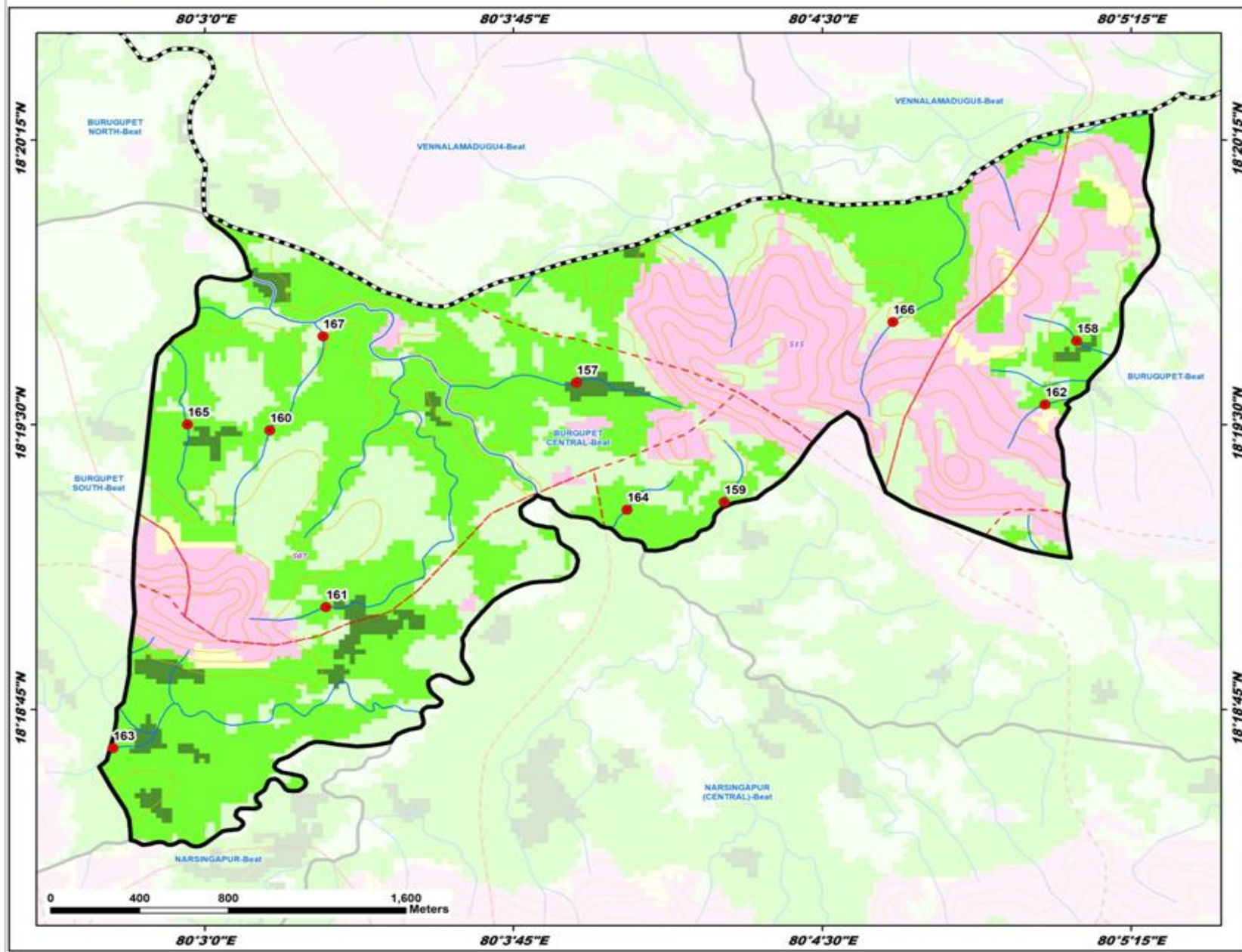
LEGEND

- 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 Burgupet Central Beat



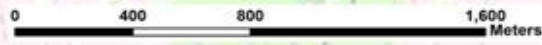
Division : Mulugu
Range : Mulugu



ID	Latitude	Longitude	Catchment Area_Ha	PRIORITY
157	18.326858	80.065058	21.15	I
158	18.328684	80.085312	11.78	II
159	18.321598	80.071039	18.92	II
160	18.324754	80.052636	14.26	II
161	18.316999	80.054909	6.51	II
162	18.325886	80.084033	5.85	II
163	18.310803	80.046280	14.37	II
164	18.321277	80.067103	13.88	II
165	18.325014	80.049298	27.61	III
166	18.329509	80.077870	26.47	V
167	18.328885	80.054792	29.85	III

LEGEND

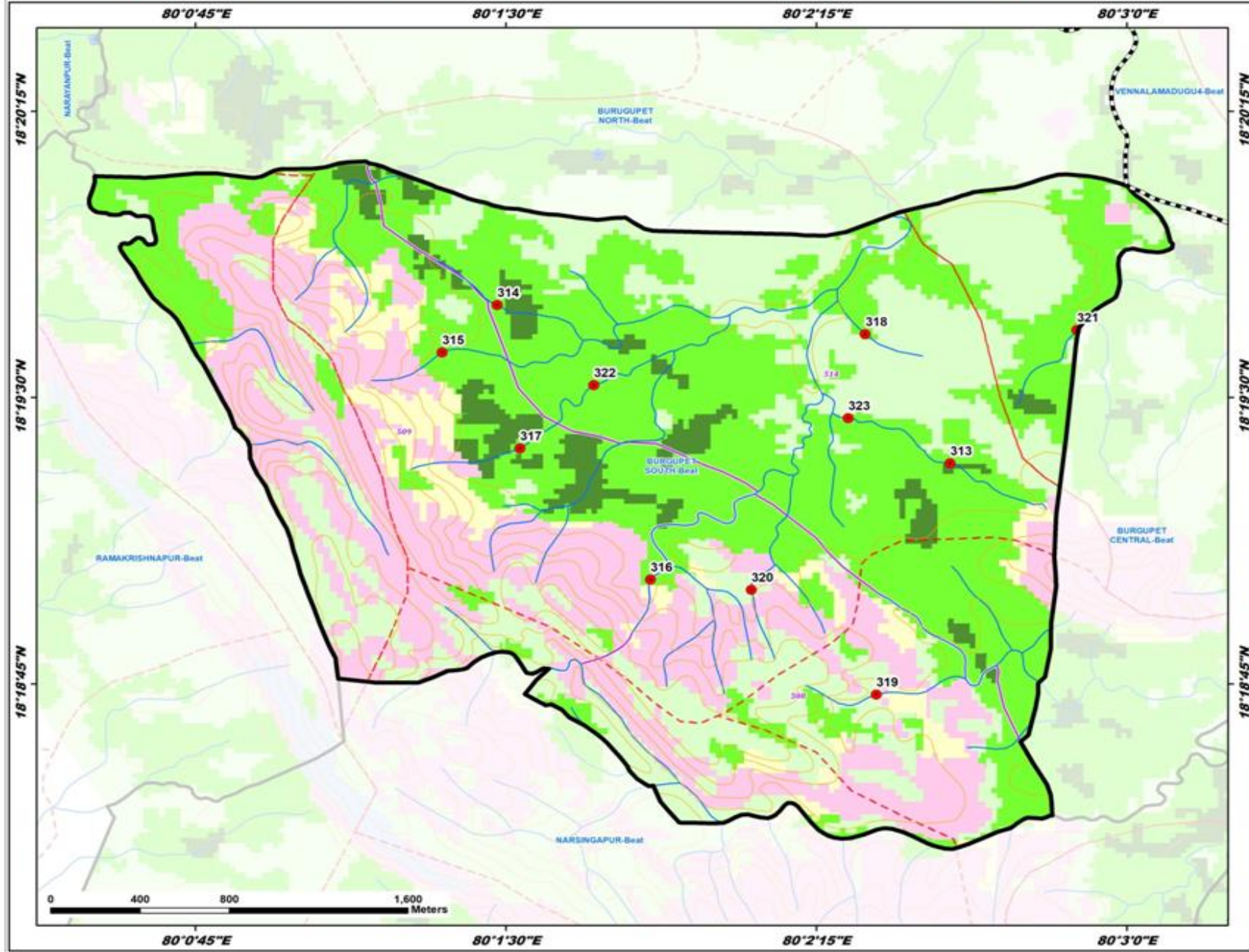
- Proposed PTs
- Existing CD/PTs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat Boundary
- Division Boundary
- Suitability Index**
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable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



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



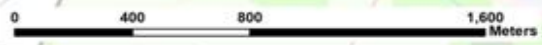
Division : Mulugu
Range : Mulugu



ID	Latitude	Longitude	Catchment Area_Ha	PRIORITY
313	18.322136	80.042890	13.85	I
314	18.329044	80.024651	20.64	II
315	18.326972	80.022434	11.18	II
316	18.317064	80.030823	9.42	II
317	18.322783	80.025569	19.78	II
318	18.327776	80.039472	9.40	II
319	18.312039	80.039914	20.42	IV
320	18.316609	80.034887	5.35	IV
321	18.327951	80.047999	34.87	V
322	18.325541	80.028544	38.34	III
323	18.324106	80.038781	51.96	IV

LEGEND

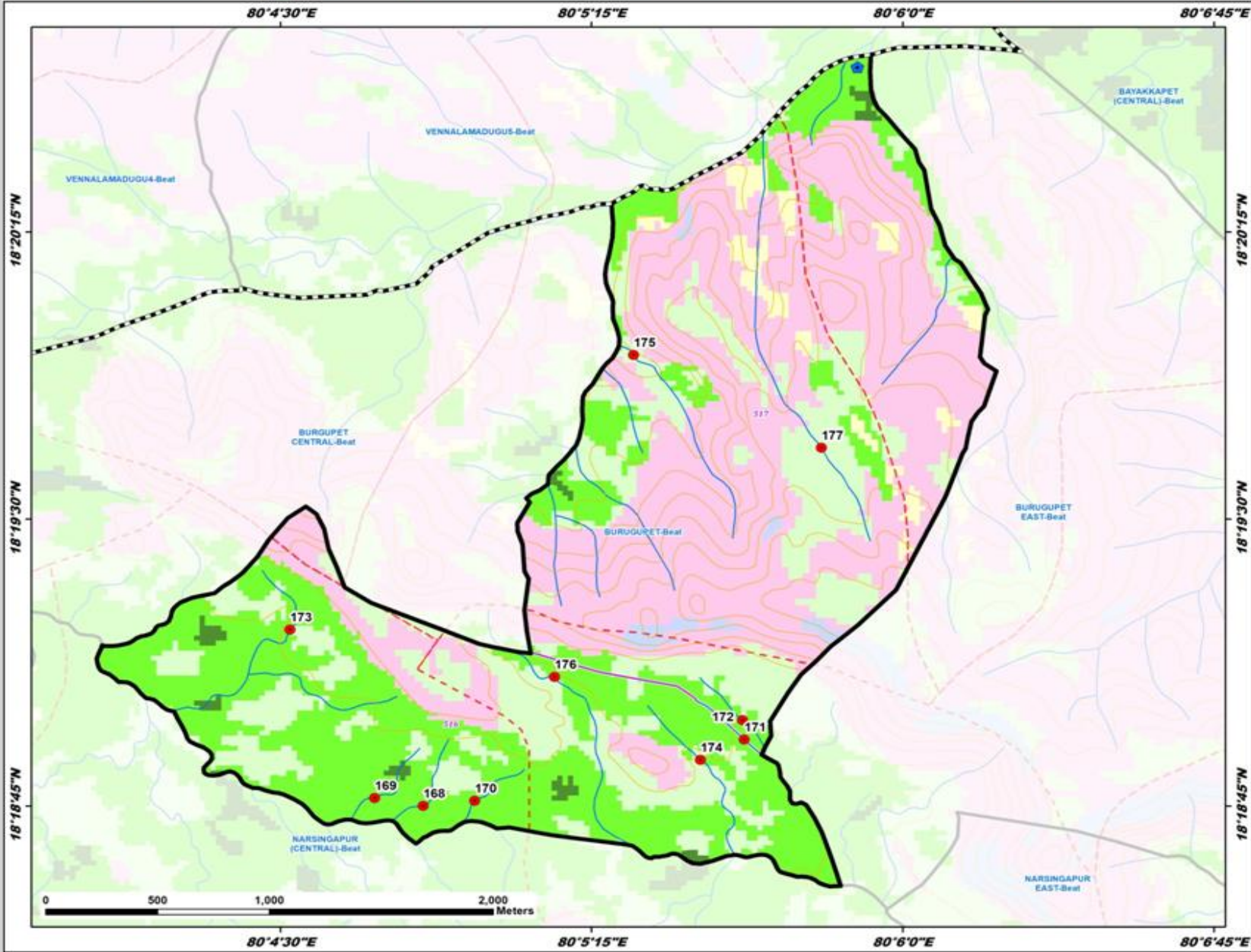
- Proposed PTs
- Existing CD/PTs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat Boundary
- Division Boundary
- Suitability Index**
- CCTs/SCTs - Highly Suitable
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- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately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



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



Division : Mulugu
Range : Mulugu



ID	Latitude	Longitude	Catchment Area_Ha	PRIORITY
168	18.312516	80.080734	10.06	II
169	18.312856	80.078786	12.47	II
170	18.312737	80.082809	10.68	II
171	18.315400	80.093639	5.10	II
172	18.316252	80.093572	26.40	III
173	18.320188	80.075388	30.81	III
174	18.314516	80.091879	15.39	IV
175	18.332147	80.089192	68.44	V
176	18.318135	80.086016	41.32	V
177	18.328108	80.096739	29.45	V

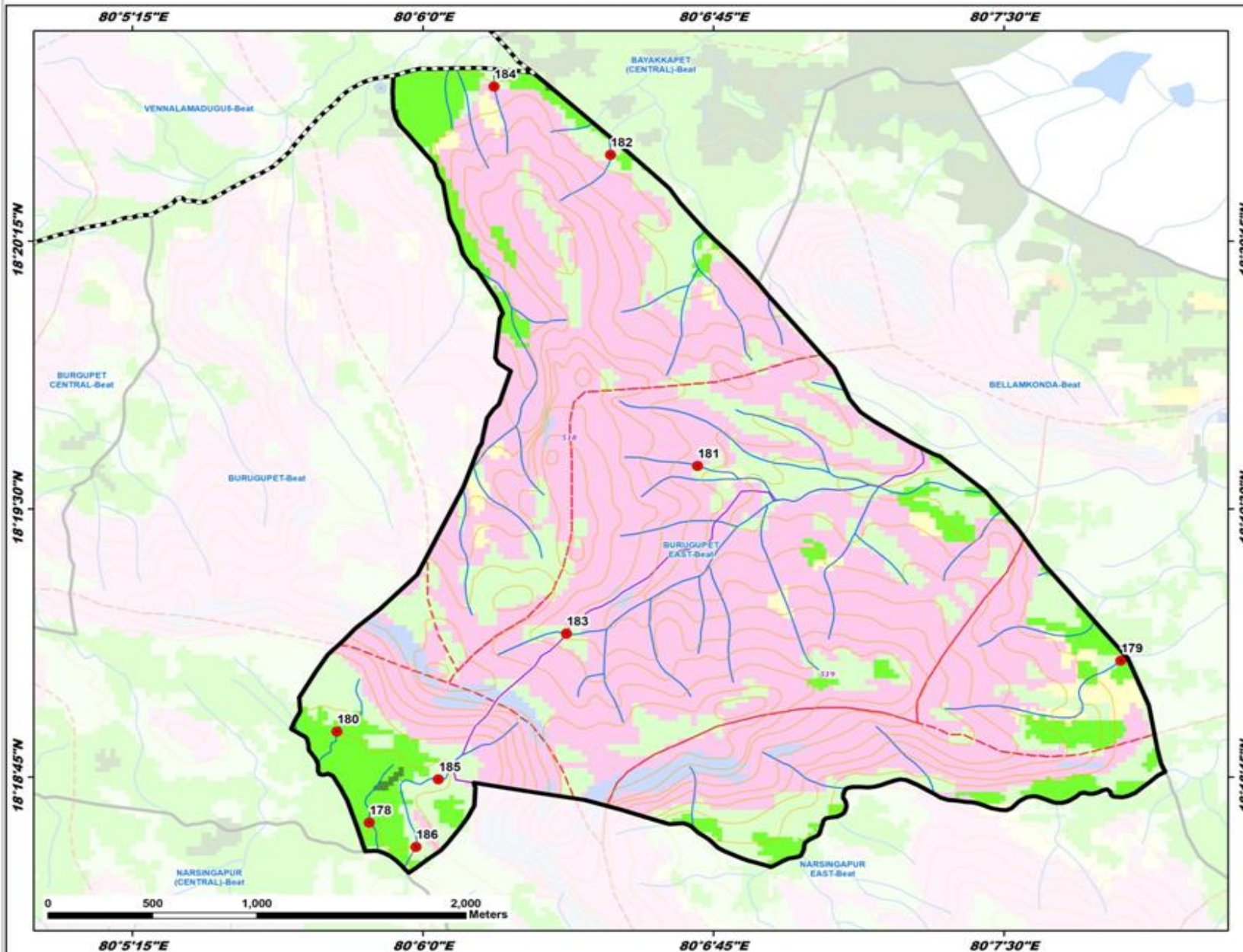
LEGEND

- 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 Burugupet East Beat



Division : Mulugu
Range : Mulugu



ID	Latitude	Longitude	Catchment Area_Ha	PRIORITY
178	18.310379	80.097697	14.35	II
179	18.317940	80.130046	24.98	II
180	18.314627	80.096299	34.32	III
181	18.327012	80.111823	10.43	IV
182	18.341528	80.108074	9.22	IV
183	18.319196	80.106186	18.94	IV
184	18.344719	80.103068	7.12	IV
185	18.312395	80.100671	38.15	V
186	18.309248	80.099702	47.99	V

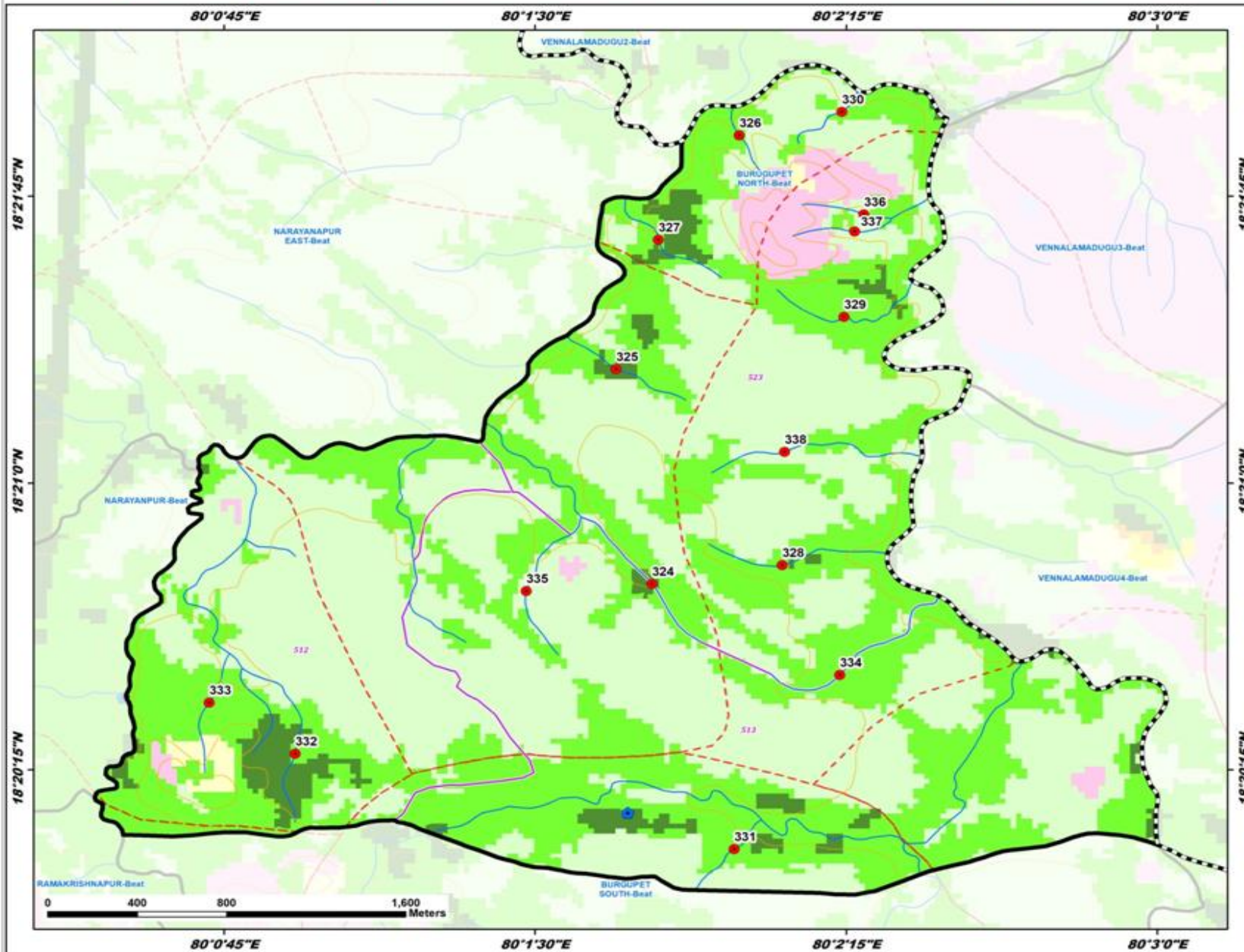
LEGEND

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

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



Division : Mulugu
Range : Mulugu



ID	Latitude	Longitude	Catchment Area_Ha	PRIORITY
324	18.345602	80.029703	14.29	I
325	18.354960	80.028255	16.48	I
326	18.365151	80.033204	5.57	II
327	18.360608	80.029954	13.12	II
328	18.346422	80.034931	21.89	II
329	18.357244	80.037412	20.31	II
330	18.366183	80.037332	12.77	II
331	18.334052	80.033001	11.67	II
332	18.338209	80.015357	20.34	II
333	18.340436	80.011909	6.11	II
334	18.341636	80.037251	27.89	III
335	18.345300	80.024643	13.39	IV
336	18.361717	80.038213	5.29	IV
337	18.360967	80.037841	5.06	IV
338	18.351363	80.035025	29.09	V

LEGEND

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

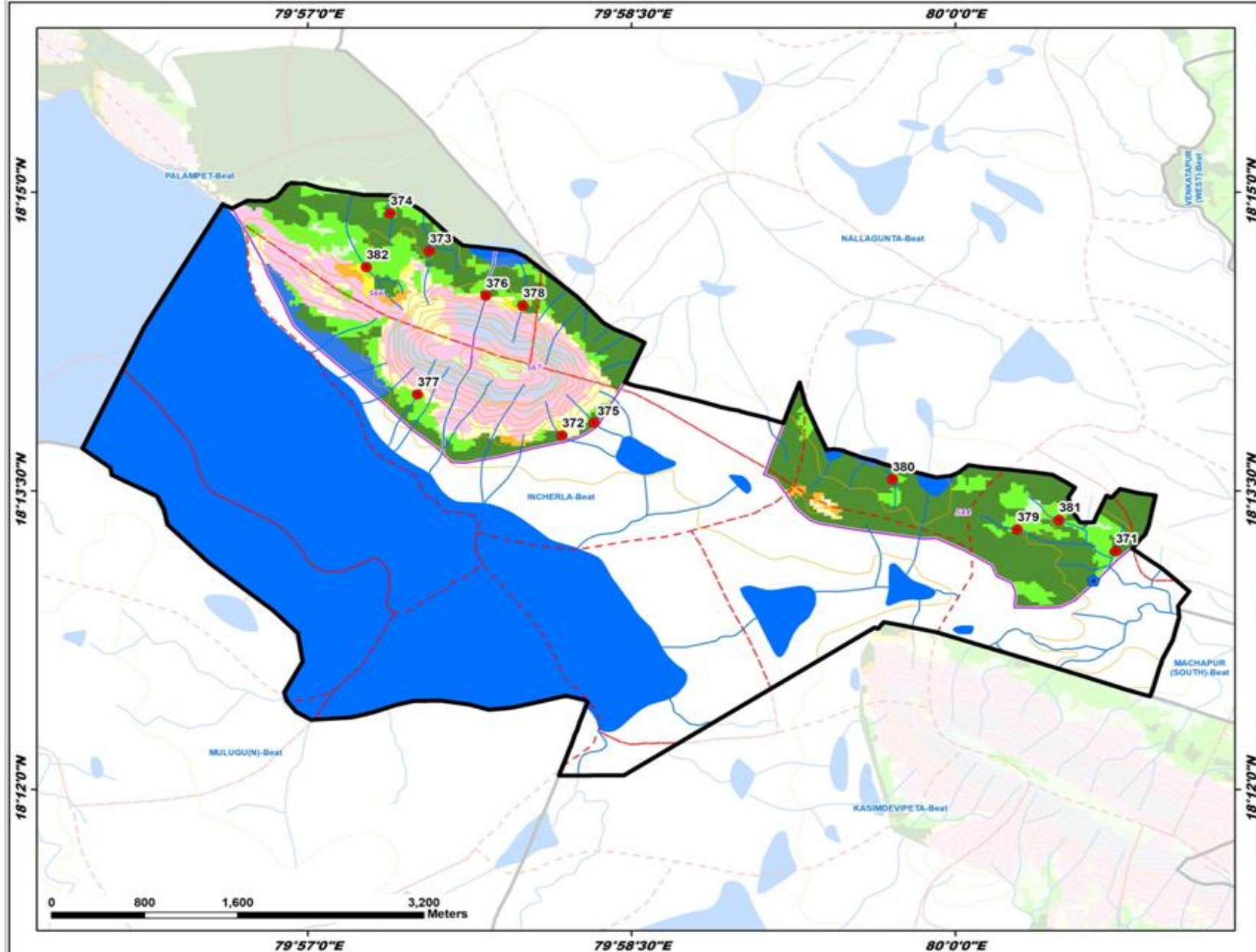
Suitability Index

- 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 Incherla Beat



Division : Mulugu
Range : Mulugu



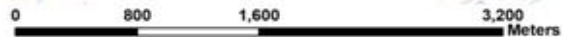
ID	Latitude	Longitude	Catchment Area_Ha	PRIORITY
371	18.219966	80.012391	7.29	I
372	18.229653	79.969641	9.49	I
373	18.245095	79.959403	10.40	I
374	18.248255	79.956373	4.68	I
375	18.230721	79.972096	12.58	I
376	18.241346	79.963751	5.36	I
377	18.233090	79.958477	5.72	II
378	18.240525	79.966606	7.54	II
379	18.221785	80.004779	22.37	II
380	18.225968	79.995166	4.75	II
381	18.222576	80.008008	27.93	III
382	18.243735	79.954511	37.57	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



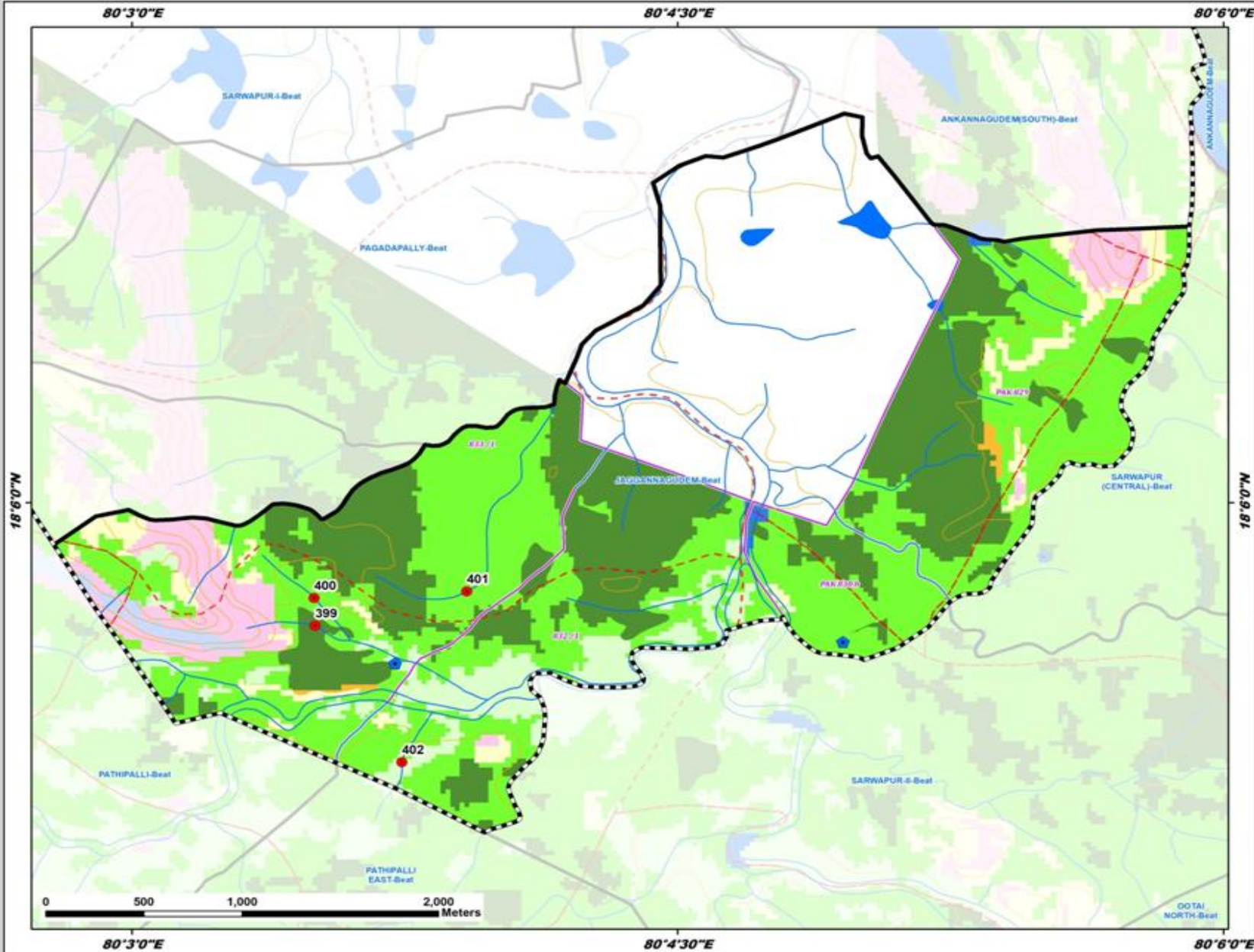
18°15'0"N
18°13'30"N
18°12'0"N

79°57'0"E 79°58'30"E 80°0'0"E

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



Division : Mulugu
Range : Mulugu



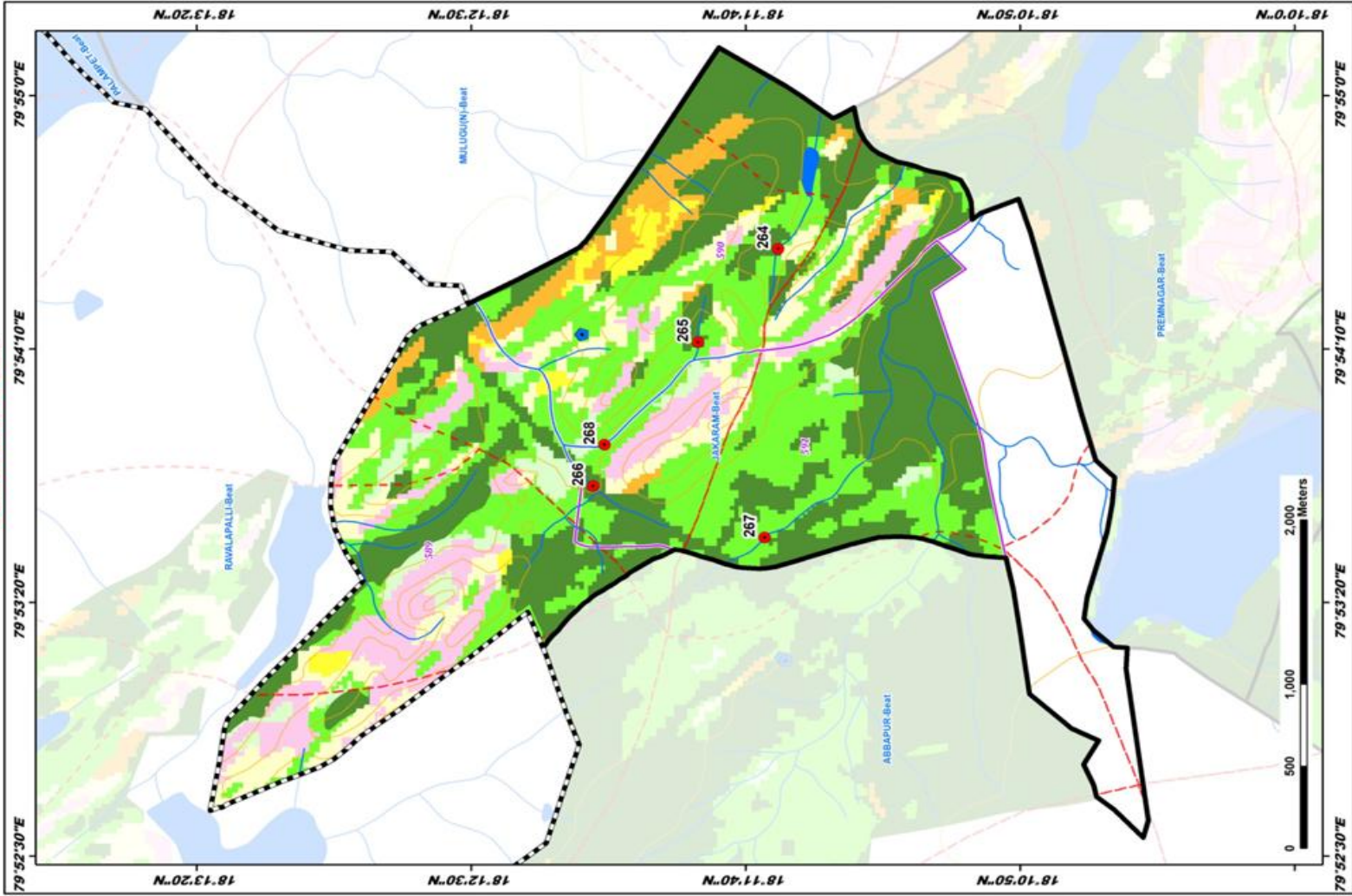
ID	Latitude	Longitude	Catchment Area_Ha	PRIORITY
399	18.093901	80.058386	7.73	I
400	18.095278	80.058336	22.58	II
401	18.095605	80.065336	18.05	II
402	18.087128	80.062363	16.90	IV

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

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



Division : Mulugu
Range : Mulugu



ID	Latitude	Longitude	Catchment Area Ha	PRIORITY
264	18.192798	79.908296	16.30	I
265	18.196847	79.903174	17.12	II
266	18.202160	79.895290	96.77	III
267	18.193480	79.892466	55.02	IV
268	18.201590	79.897552	61.01	IV

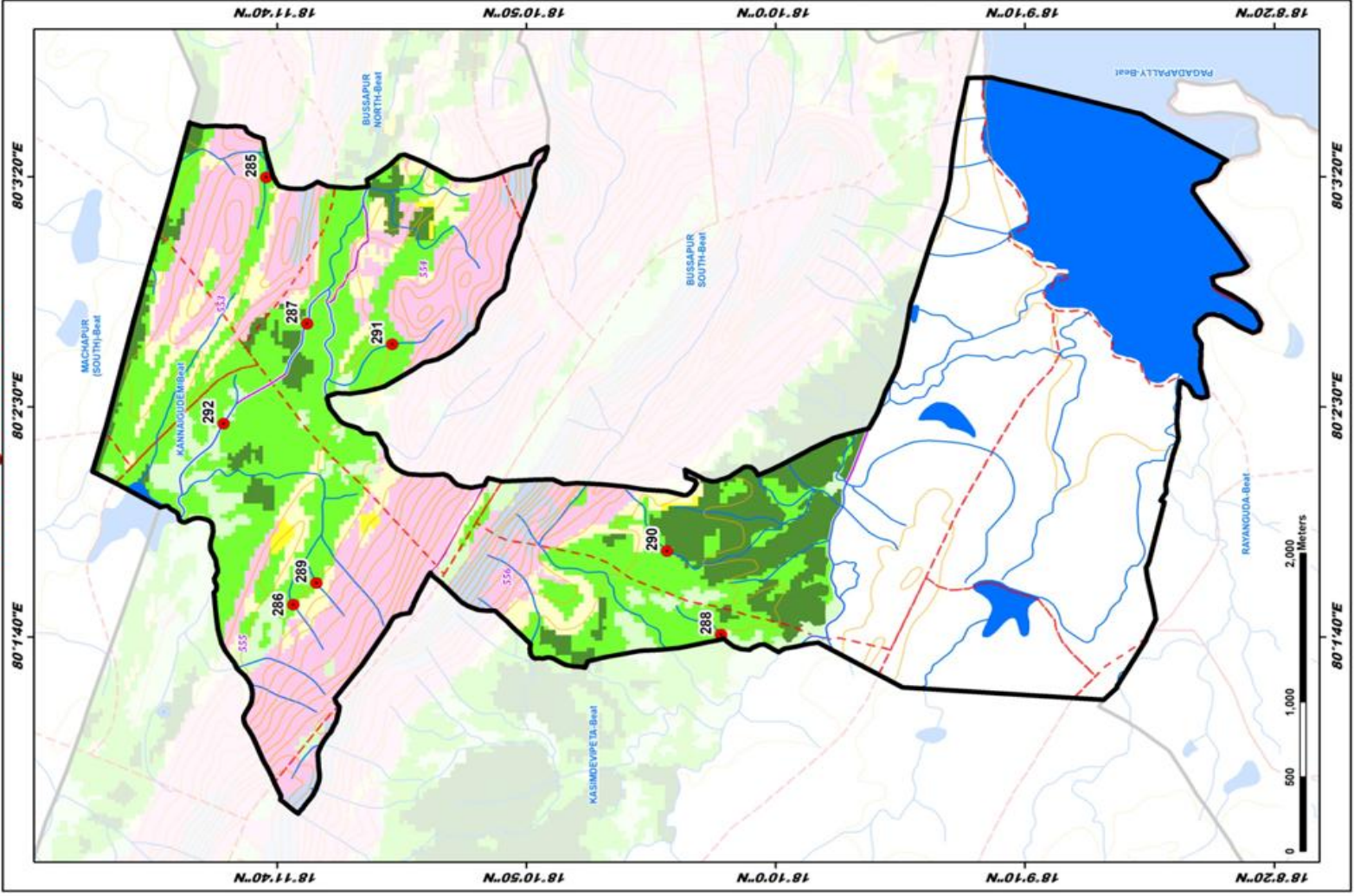
LEGEND

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

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



Division : Mulugu
Range : Mulugu



ID	Latitude	Longitude	Catchment Area, Ha	PRIORITY
285	18.195056	80.055542	15.19	II
286	18.193544	80.029760	5.31	II
287	18.192776	80.046709	21.06	II
288	18.169707	80.027947	11.10	II
289	18.192247	80.031055	8.14	II
290	18.172722	80.032987	30.27	III
291	18.188031	80.045461	27.37	III
292	18.197427	80.040679	23.64	IV

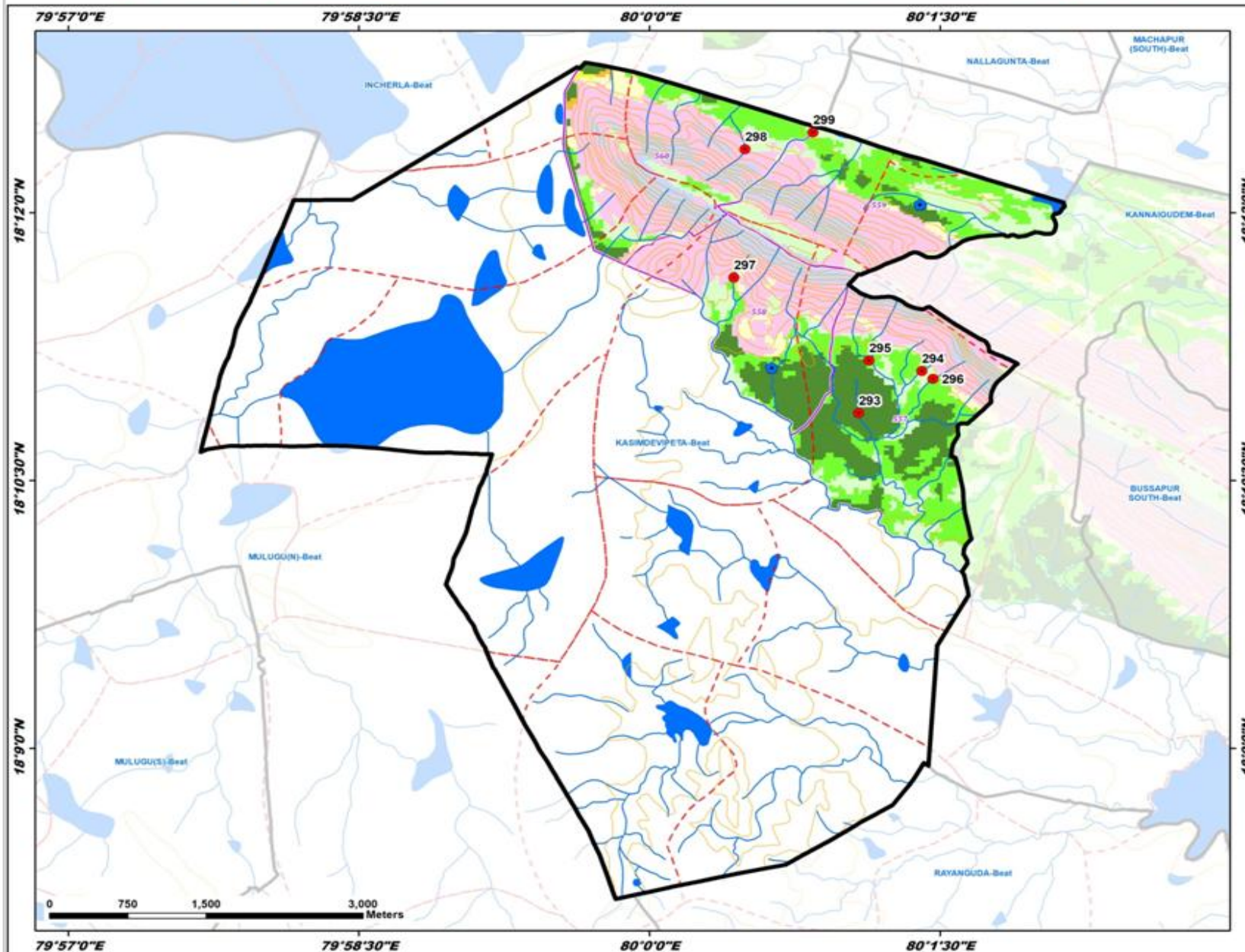
LEGEND

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

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



Division : Mulugu
Range : Mulugu



ID	Latitude	Longitude	Catchment Area_Ha	PRIORITY
293	18.181293	80.018013	9.51	I
294	18.185230	80.023447	7.68	II
295	18.186226	80.018897	17.81	II
296	18.184505	80.024415	7.18	II
297	18.193954	80.007267	15.57	III
298	18.205931	80.008242	16.43	IV
299	18.207512	80.014083	40.01	V

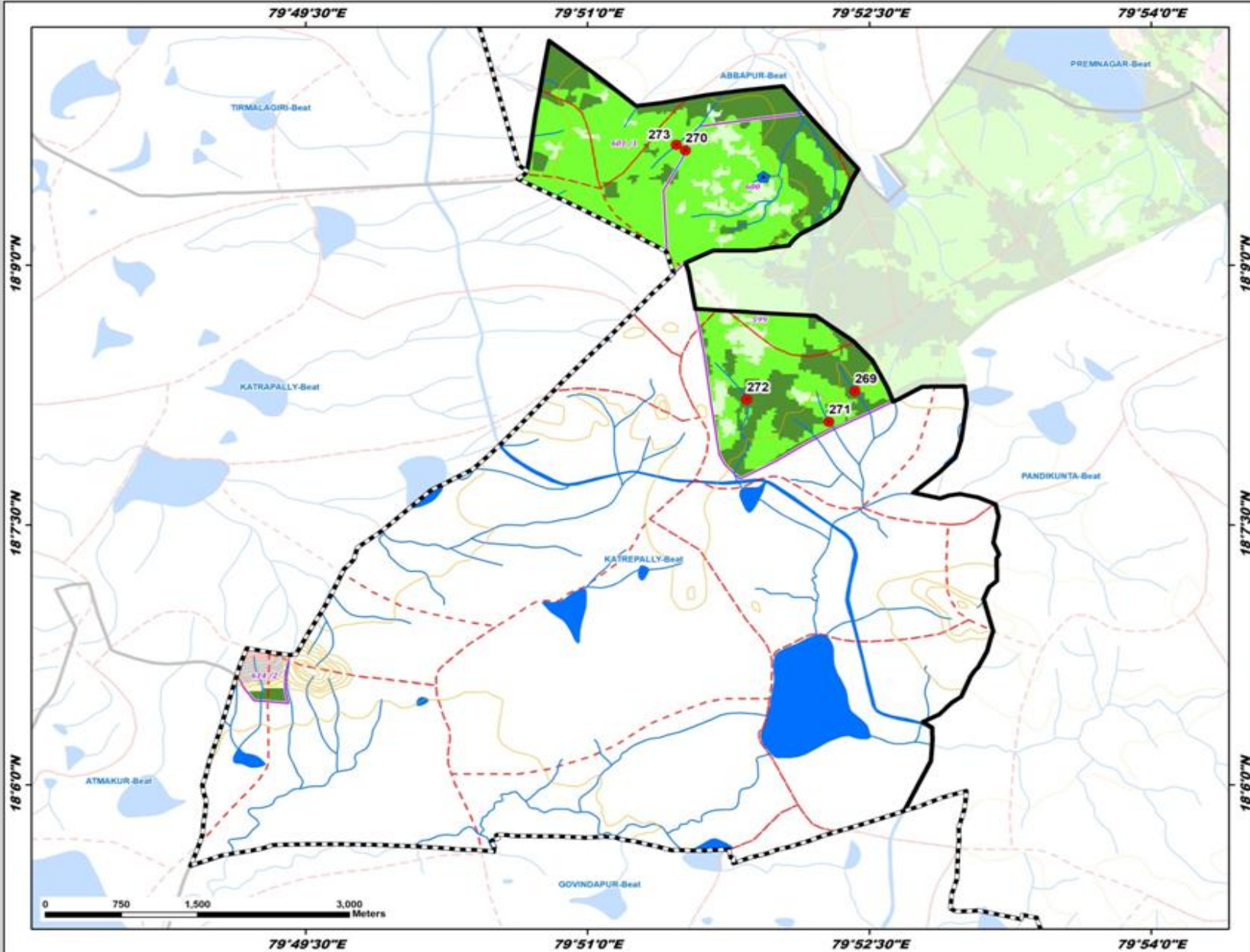
LEGEND

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

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



Division : Mulugu
Range : Mulugu



ID	Latitude	Longitude	Catchment Area_Ha	PRIORITY
269	18.137889	79.873742	23.70	I
270	18.161042	79.858698	22.78	II
271	18.134955	79.871424	24.75	II
272	18.137083	79.864144	36.71	II
273	18.161599	79.857889	42.22	III

LEGEND

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

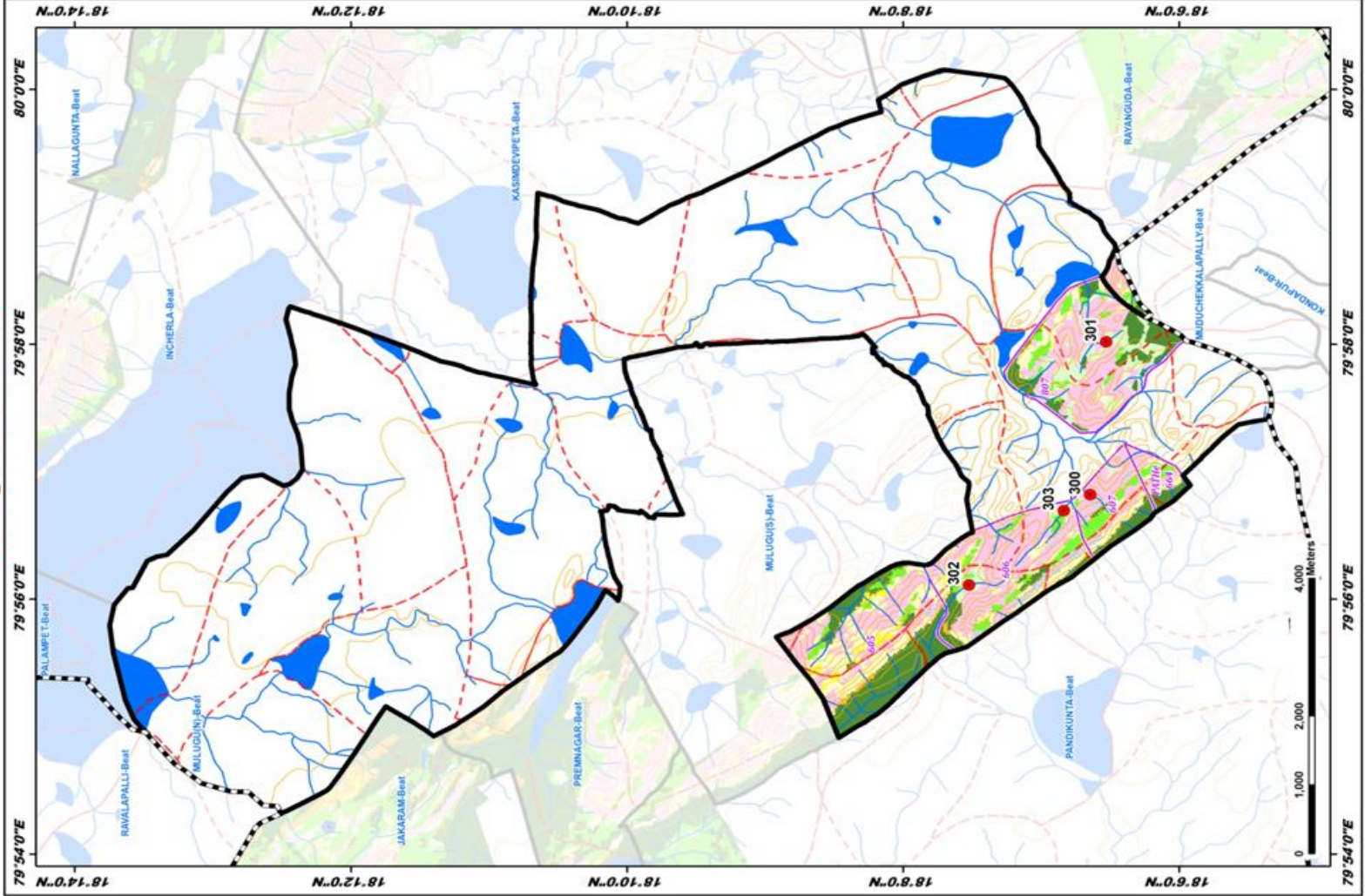
Suitability Index

- 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 Mulugu North Beat



Division : Mulugu
Range : Mulugu



ID	Latitude	Longitude	Catchment Area_Ha	PRIORITY
300	18.110757	79.947019	8.52	IV
301	18.108808	79.967015	24.86	IV
302	18.125375	79.932220	26.05	V
303	18.113939	79.944938	52.16	V

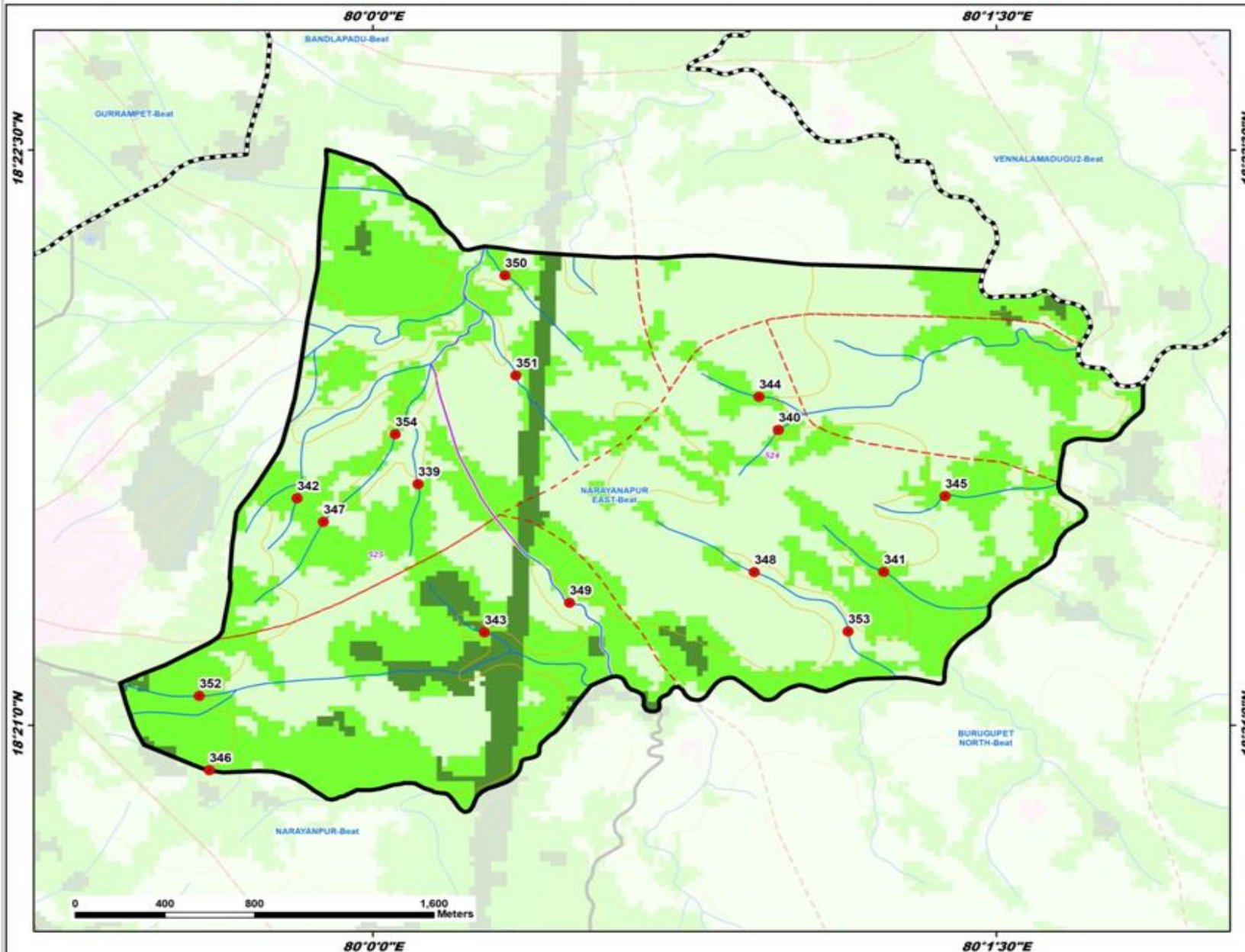
LEGEND

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

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



Division : Mulugu
Range : Mulugu



ID	Latitude	Longitude	Catchment Area_Ha	PRIORITY
339	18.360485	80.001814	14.30	II
340	18.362843	80.016272	9.72	II
341	18.356671	80.020485	14.20	II
342	18.359864	79.996960	8.63	II
343	18.354039	80.004475	18.67	II
344	18.364283	80.015493	16.68	II
345	18.359965	80.022955	8.84	II
346	18.348043	79.993445	26.51	III
347	18.358838	79.998021	22.74	IV
348	18.356660	80.015301	19.89	IV
349	18.355329	80.007889	18.25	IV
350	18.369557	80.005296	11.24	IV
351	18.365204	80.005739	31.32	V
352	18.351273	79.993036	37.92	III
353	18.354081	80.019061	47.57	V
354	18.362653	80.000901	35.69	V

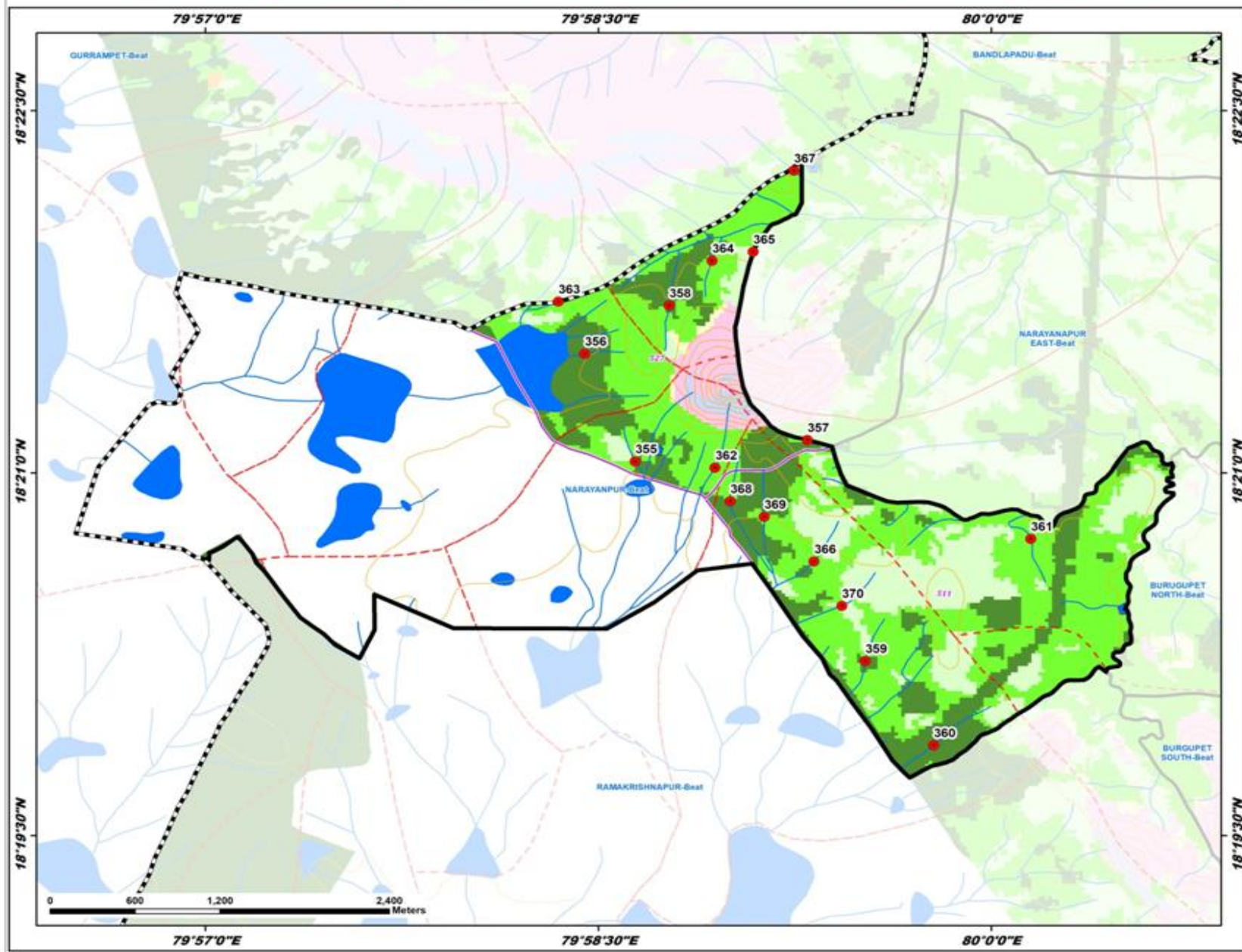
LEGEND

- 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 Narayanpur Beat



Division : Mulugu
Range : Mulugu



ID	Latitude	Longitude	Catchment Area_Ha	PRIORITY
355	18.350807	79.977345	8.83	I
356	18.358231	79.974125	5.25	I
357	18.352287	79.988905	13.54	I
358	18.361567	79.979510	23.39	I
359	18.337038	79.991984	12.05	I
360	18.331232	79.996350	37.50	II
361	18.345464	80.002528	20.85	II
362	18.350379	79.982431	12.48	II
363	18.361824	79.972457	7.28	II
364	18.364636	79.982232	14.81	II
365	18.365260	79.984859	8.60	II
366	18.343906	79.988730	14.21	II
367	18.370859	79.987451	17.87	II
368	18.348059	79.983393	9.14	II
369	18.346982	79.985563	8.69	II
370	18.340844	79.990494	7.60	IV

LEGEND

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

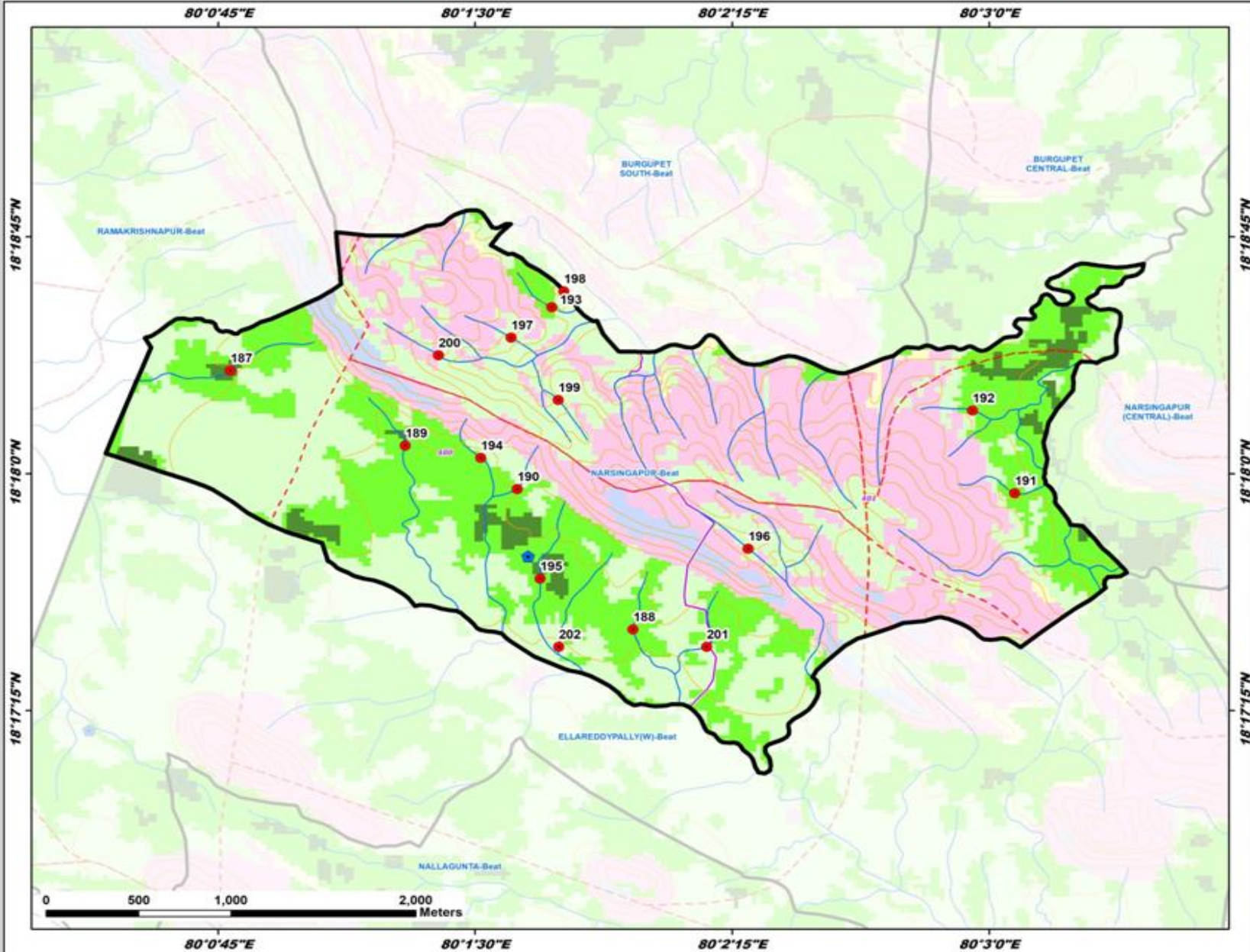
Suitability Index

- 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 Narsingapur Beat



Division : Mulugu
Range : Mulugu



ID	Latitude	Longitude	Catchment Area_Ha	PRIORITY
187	18.305443	80.013104	23.09	I
188	18.291791	80.032691	20.39	II
189	18.301476	80.021608	31.23	II
190	18.299192	80.027054	9.04	II
191	18.298966	80.051264	16.29	II
192	18.303336	80.049201	10.96	II
193	18.308785	80.028736	10.71	II
194	18.300840	80.025278	9.31	II
195	18.294468	80.028167	30.36	III
196	18.296047	80.038295	10.77	IV
197	18.307173	80.026756	7.43	IV
198	18.309623	80.029325	7.07	IV
199	18.303893	80.029053	7.19	IV
200	18.306247	80.023224	8.49	IV
201	18.290868	80.036275	24.09	IV
202	18.290866	80.029079	19.54	IV

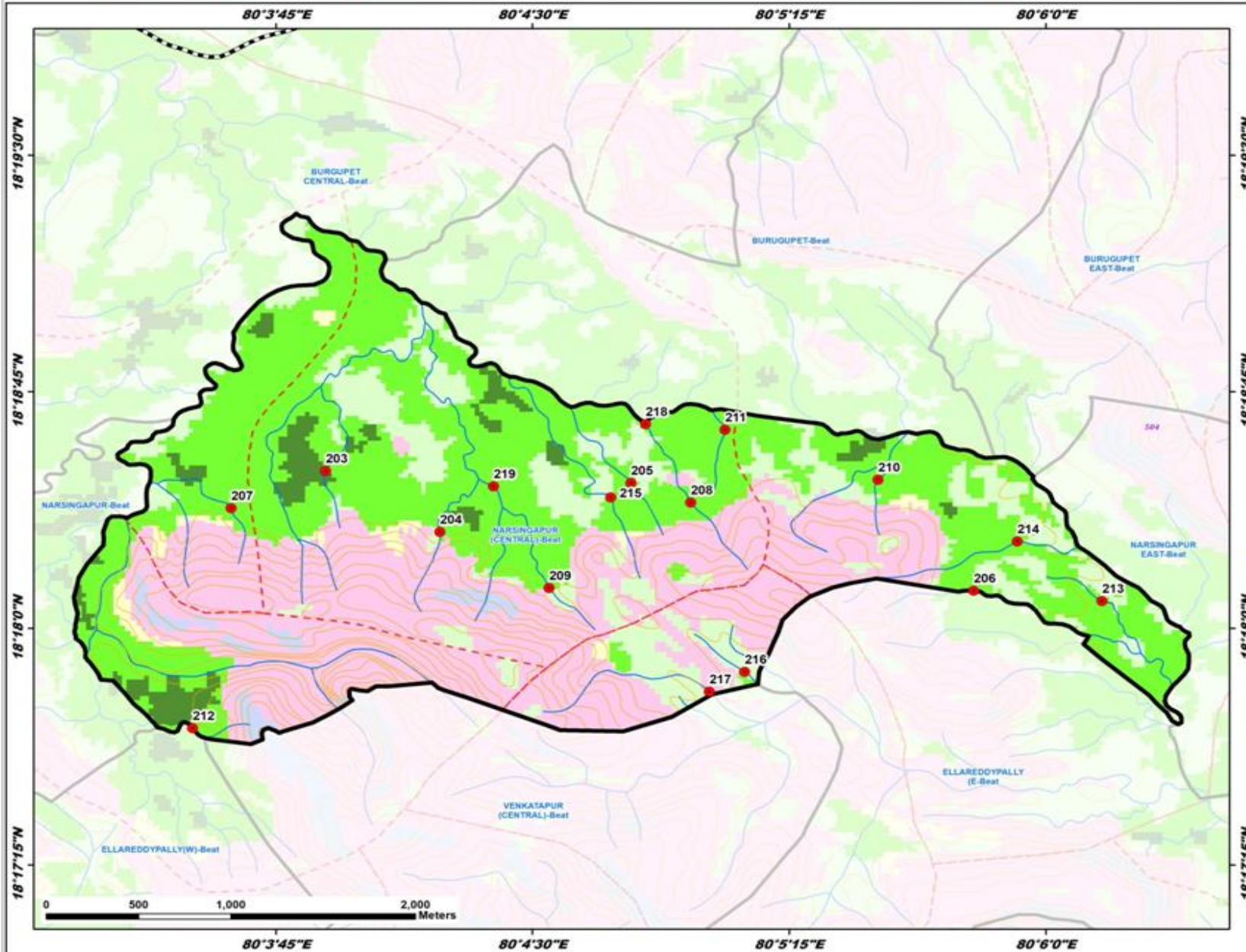
LEGEND

- 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 Narsingapur Central Beat



Division : Mulugu
Range : Mulugu



ID	Latitude	Longitude	Catchment Area_Ha	PRIORITY
203	18.308323	80.064927	9.30	I
204	18.305096	80.070490	10.94	II
205	18.307687	80.079796	7.67	II
206	18.301989	80.096499	8.32	II
207	18.306355	80.060319	8.16	II
208	18.306650	80.082705	15.41	II
209	18.302133	80.075810	23.44	II
210	18.307862	80.091837	12.63	II
211	18.310499	80.084380	14.71	II
212	18.294736	80.058432	13.29	II
213	18.301447	80.102746	9.68	II
214	18.304595	80.098619	25.25	III
215	18.306926	80.078810	17.61	IV
216	18.297706	80.085333	16.33	IV
217	18.296662	80.083610	35.47	V
218	18.310799	80.080505	27.77	III
219	18.307508	80.073099	77.93	IV

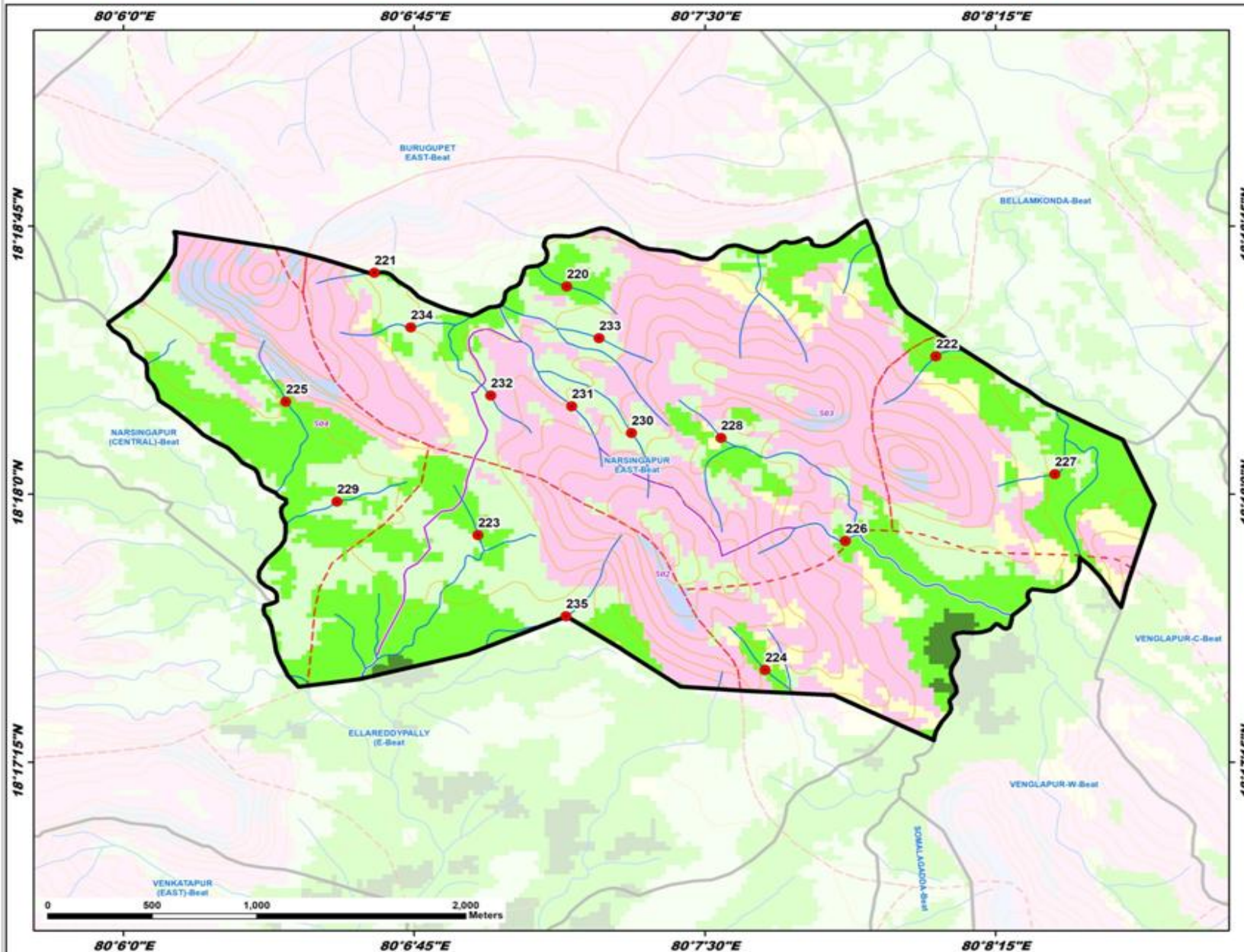
LEGEND

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

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



Division : Mulugu
Range : Mulugu



ID	Latitude	Longitude	Catchment Area_Ma	PRIORITY
220	18.309690	80.119070	10.93	II
221	18.310326	80.110801	21.02	II
222	18.306428	80.134937	13.87	II
223	18.298095	80.115256	18.57	II
224	18.291806	80.127598	12.33	II
225	18.304312	80.106988	16.18	II
226	18.297813	80.131049	22.56	II
227	18.300936	80.140064	7.02	II
228	18.302631	80.125699	7.72	II
229	18.299654	80.109183	23.50	IV
230	18.302857	80.121854	6.70	IV
231	18.304098	80.119284	13.04	IV
232	18.304599	80.115799	11.85	IV
233	18.307279	80.120463	6.80	IV
234	18.307774	80.112362	15.88	IV
235	18.294309	80.119036	25.56	V

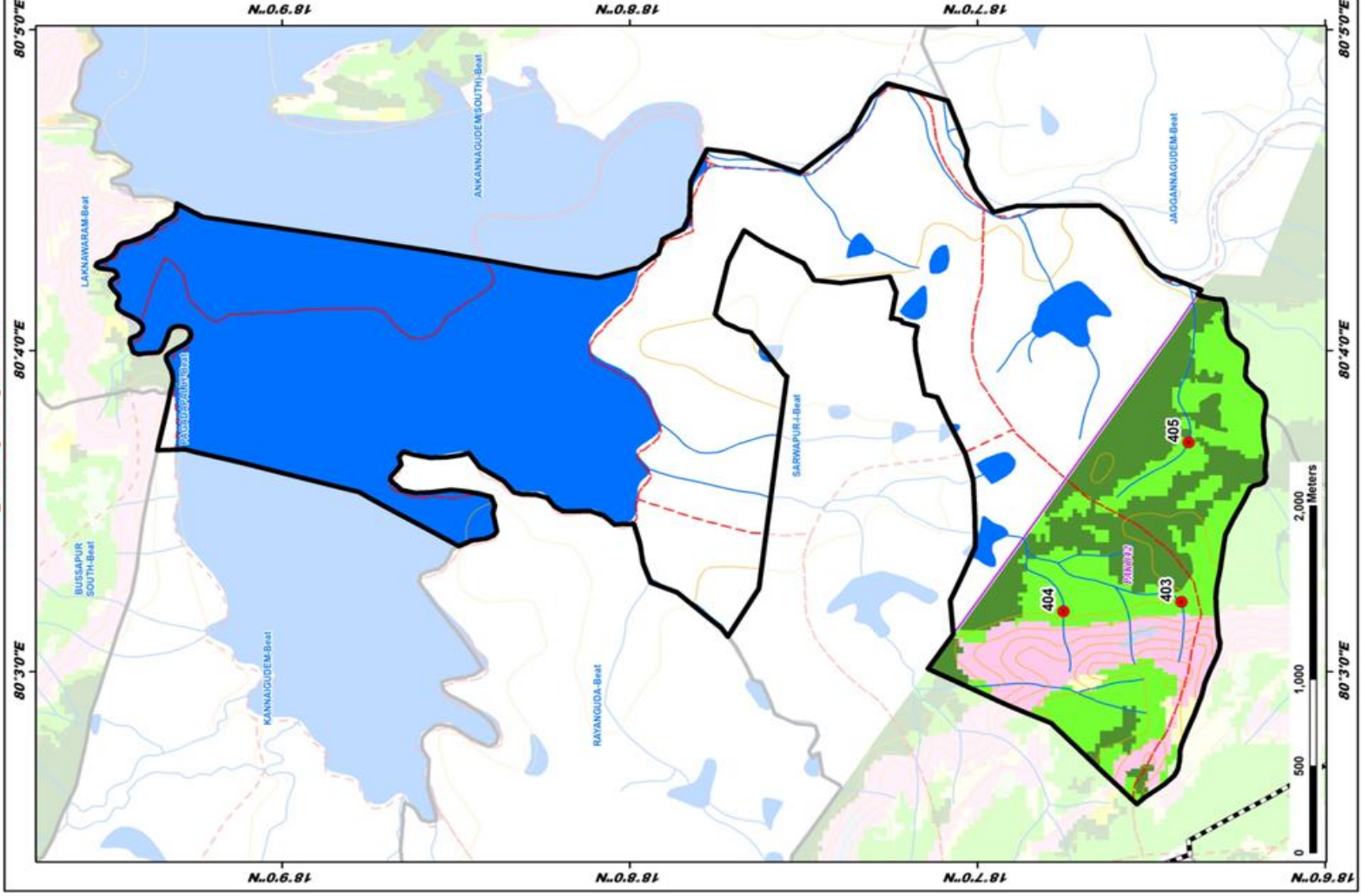
LEGEND

- 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 Pagadapally Beat



Division : Mulugu
Range : Mulugu



ID	Latitude	Longitude	Catchment Area, Ha	PRIORITY
403	18.106890	80.053648	7.86	II
404	18.112537	80.053159	8.68	II
405	18.106537	80.061931	28.90	III

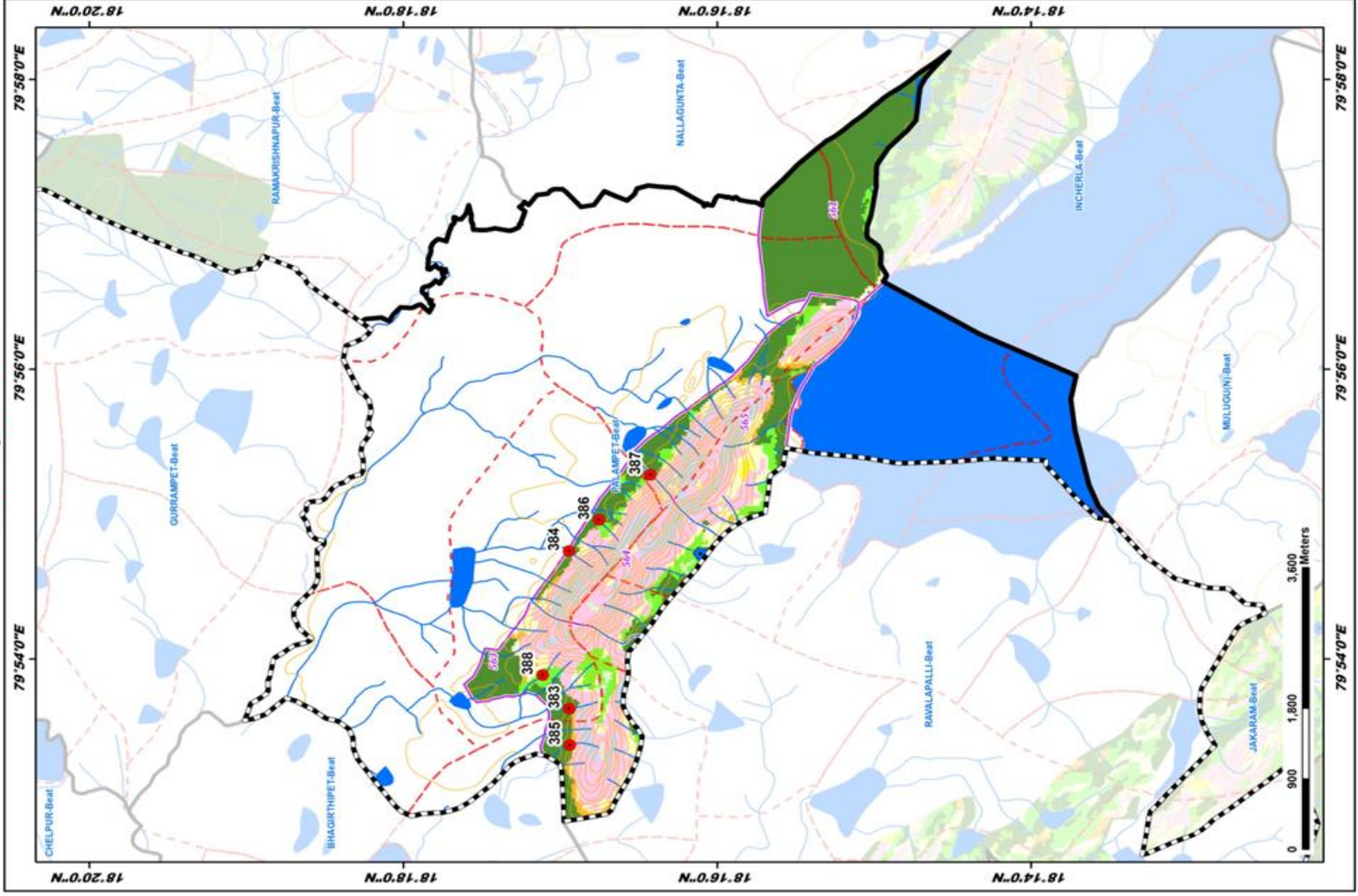
LEGEND

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

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



Division : Mulugu
Range : Mulugu



ID	Latitude	Longitude	Catchment Area, Ha	PRIORITY
383	18.282375	79.894355	12.14	I
384	18.282401	79.912463	13.08	I
385	18.282320	79.890164	6.43	I
386	18.279221	79.916048	14.03	I
387	18.273760	79.911247	6.66	I
388	18.285175	79.898214	13.10	II

LEGEND

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

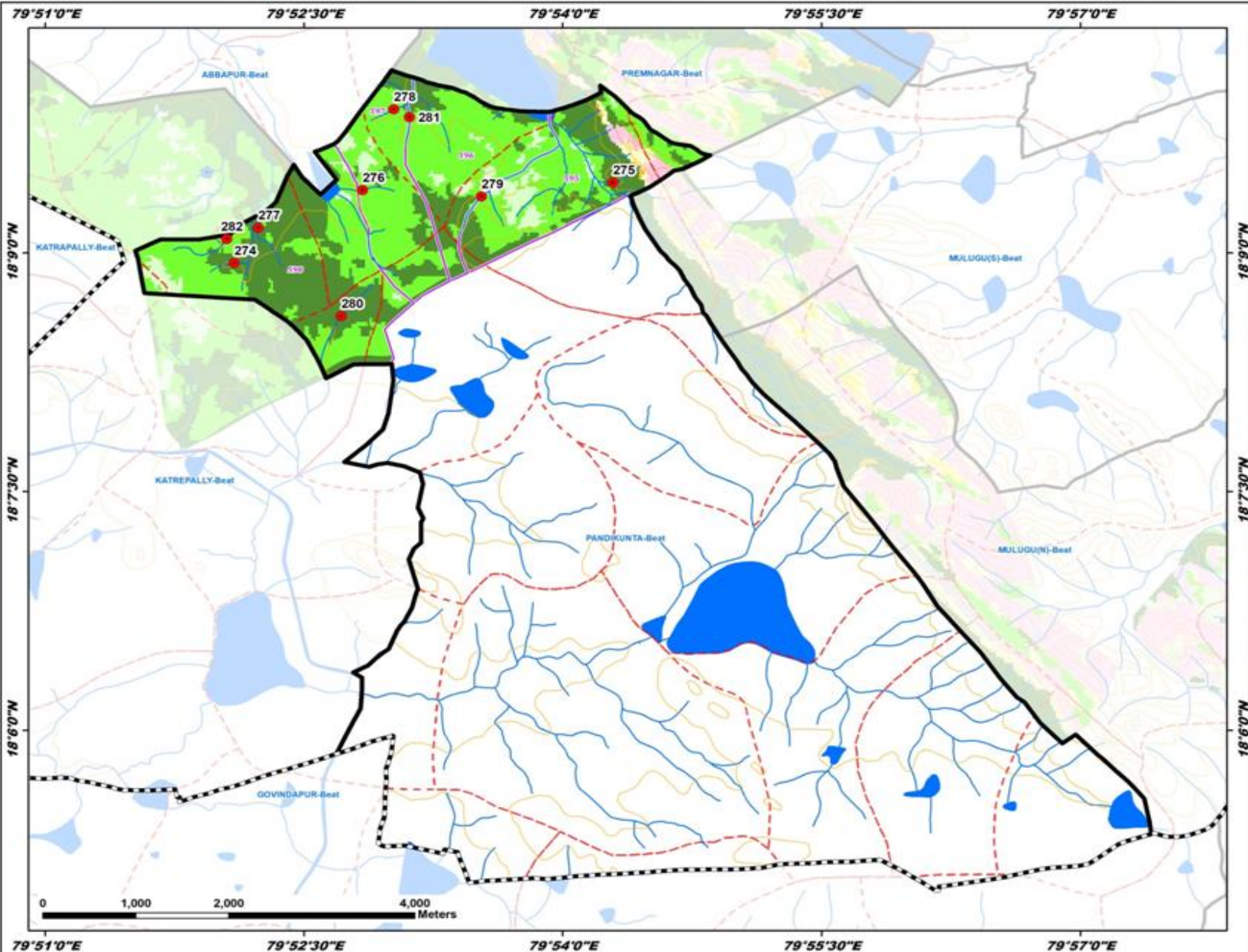
Suitability Index

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

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



Division : Mulugu
Range : Mulugu



ID	Latitude	Longitude	Catchment Area_Ha	PRIORITY
274	18.148955	79.868268	23.49	I
275	18.157404	79.904843	9.17	I
276	18.156589	79.880677	6.18	II
277	18.152658	79.870590	35.56	II
278	18.165068	79.883668	15.06	II
279	18.155929	79.892147	25.92	III
280	18.143408	79.878617	65.60	III
281	18.164237	79.885190	30.15	III
282	18.151487	79.867547	66.74	IV

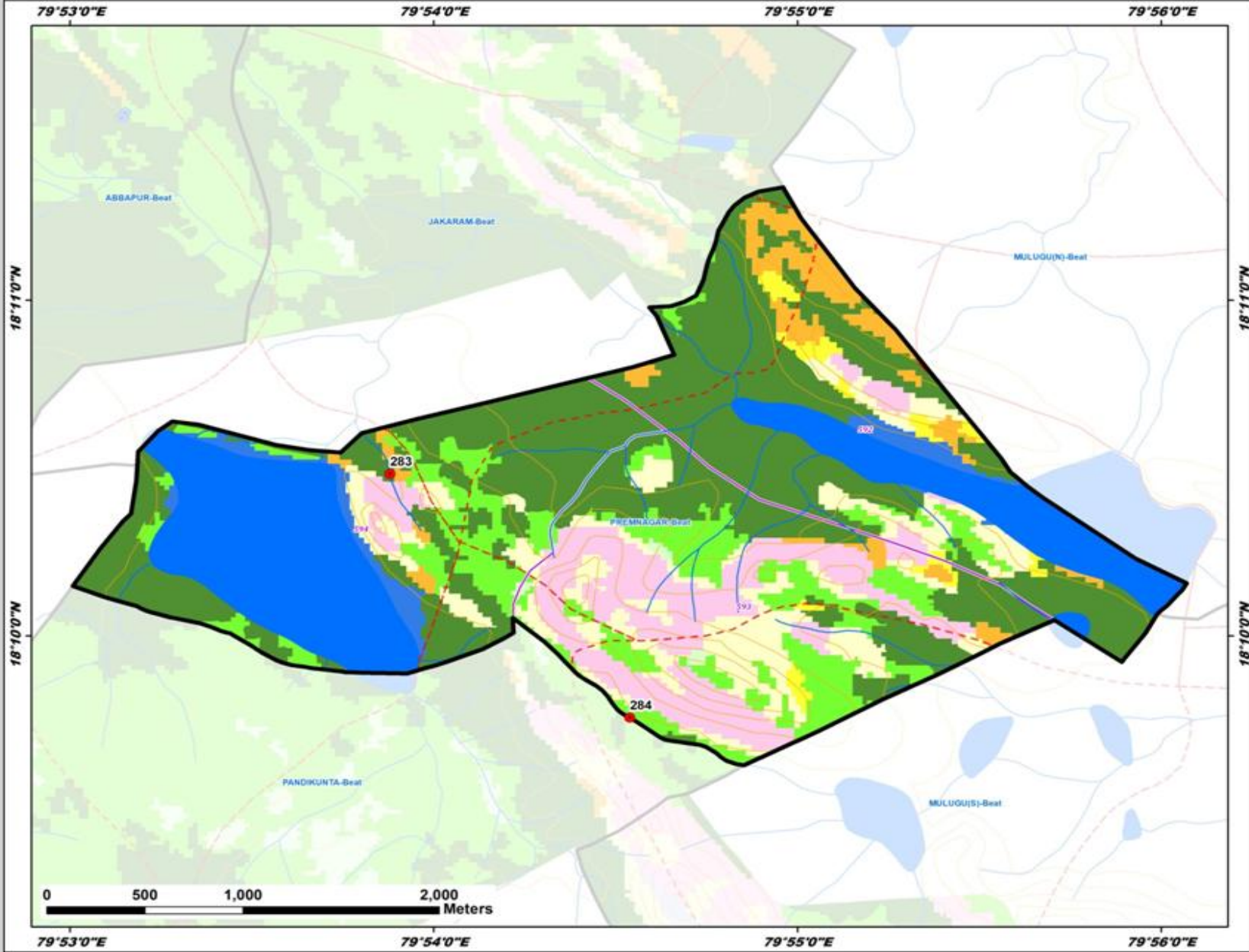
LEGEND

- 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 Premnagar Beat

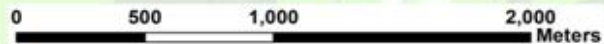


Division : Mulugu
Range : Mulugu



ID	Latitude	Longitude	Catchment Area_Ha	PRIORITY
283	18.174709	79.898000	11.02	I
284	18.162605	79.908991	30.87	III

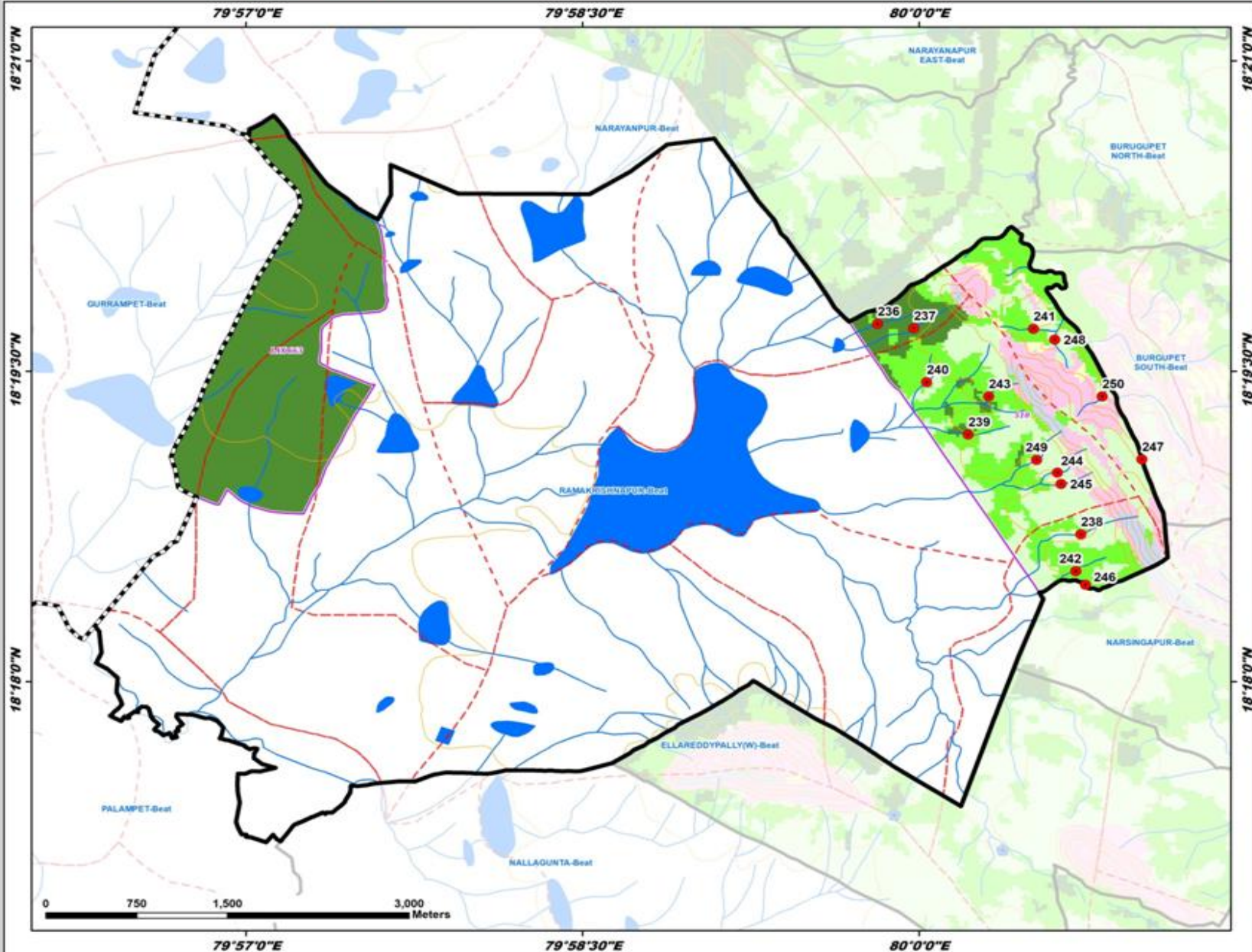
- LEGEND**
- Proposed PTs
 - Existing CD/PTs
 - Contours
 - Streams
 - Watershed Boundary
 - Compartment Boundary
 - Beat Boundary
 - Division Boundary
 - Suitability Index**
 - CCTs/SCTs - Highly Suitable
 - CCTs/SCTs - Moderately Suitable
 - CCTs/SCTs - Least Suitable
 - PTs - Highly Suitable
 - PTs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



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



Division : Mulugu
Range : Mulugu



ID	Latitude	Longitude	Catchment Area_Ha	PRIORITY
236	18.328816	79.996927	12.92	I
237	18.328457	79.999621	8.24	I
238	18.311872	80.012021	20.51	II
239	18.319902	80.003654	7.86	III
240	18.324129	80.000572	16.50	III
241	18.328431	80.008499	8.86	III
242	18.308895	80.011658	20.30	III
243	18.322977	80.005173	6.02	III
244	18.316838	80.010289	11.71	IV
245	18.315929	80.010562	8.74	IV
246	18.307822	80.012371	9.74	IV
247	18.317915	80.016562	16.49	IV
248	18.327559	80.010096	8.02	IV
249	18.317876	80.008748	6.42	IV
250	18.322984	80.013621	7.54	IV

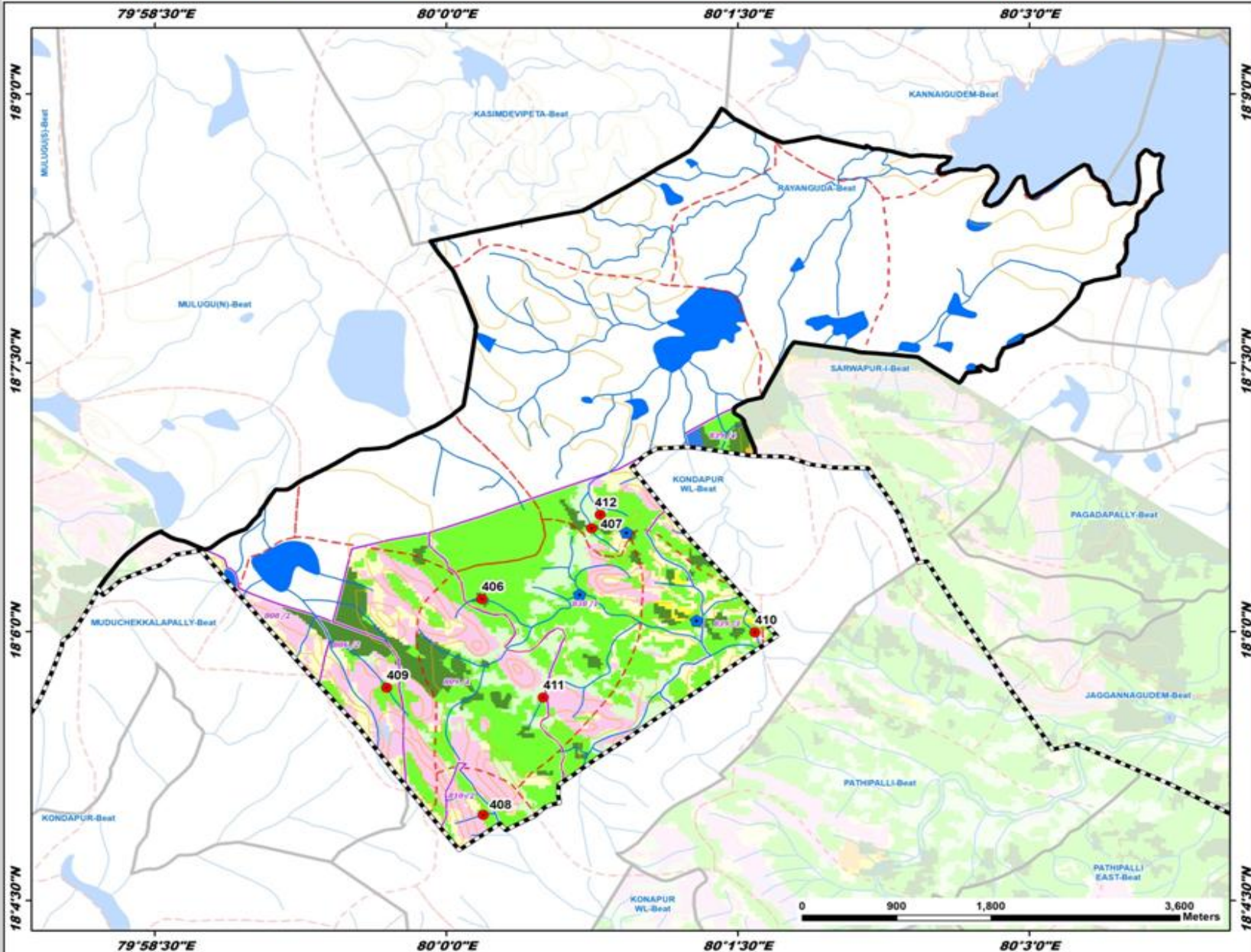
LEGEND

- 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 Rayanguda Beat



Division : Mulugu
Range : Mulugu



ID	Latitude	Longitude	Catchment Area_Ha	PRIORITY
406	18.103045	80.003047	14.50	I
407	18.109627	80.012465	6.50	I
408	18.082973	80.003167	6.51	II
409	18.094798	79.994875	11.07	II
410	18.099927	80.026477	6.59	II
411	18.093896	80.008309	62.83	IV
412	18.110891	80.013213	7.09	IV

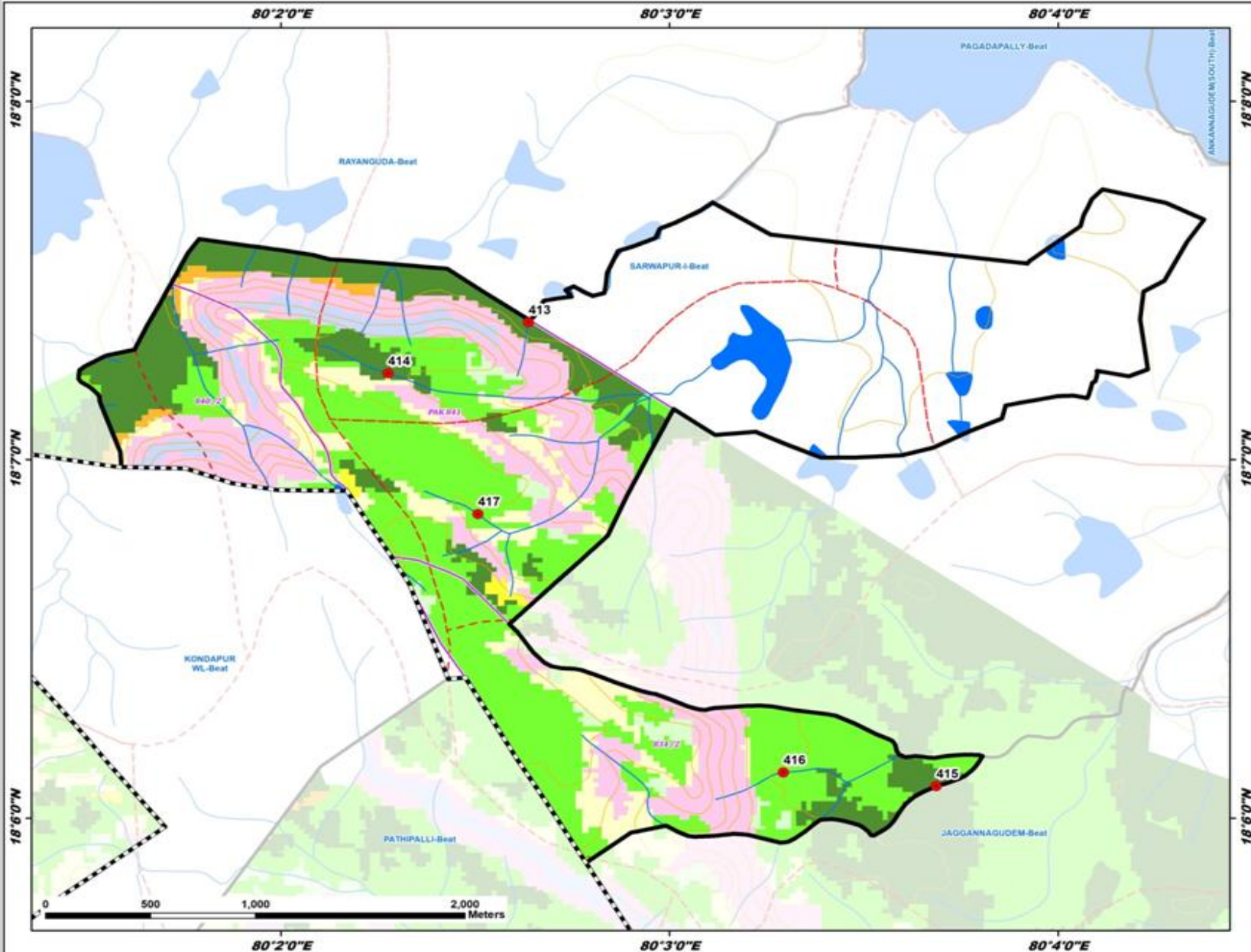
LEGEND

- 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 Sarwapur -I Beat



Division : Mulugu
Range : Mulugu

ID	Latitude	Longitude	Catchment Area_Ha	PRIORITY
413	18.123064	80.043958	5.61	I
414	18.120692	80.037927	15.20	I
415	18.101493	80.061444	12.35	I
416	18.102132	80.054887	13.94	II
417	18.114146	80.041784	17.70	II

LEGEND

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

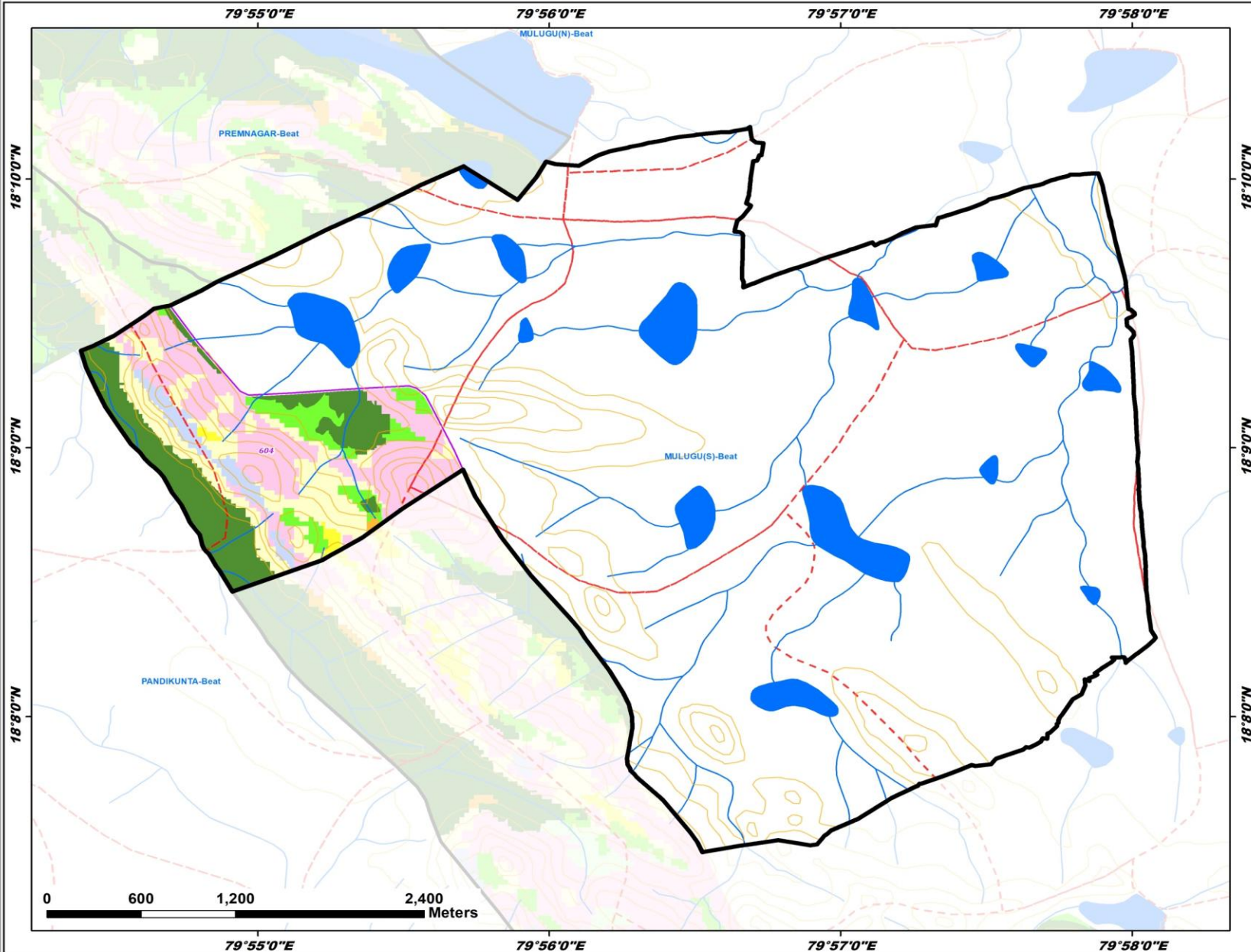
Suitability Index

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

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

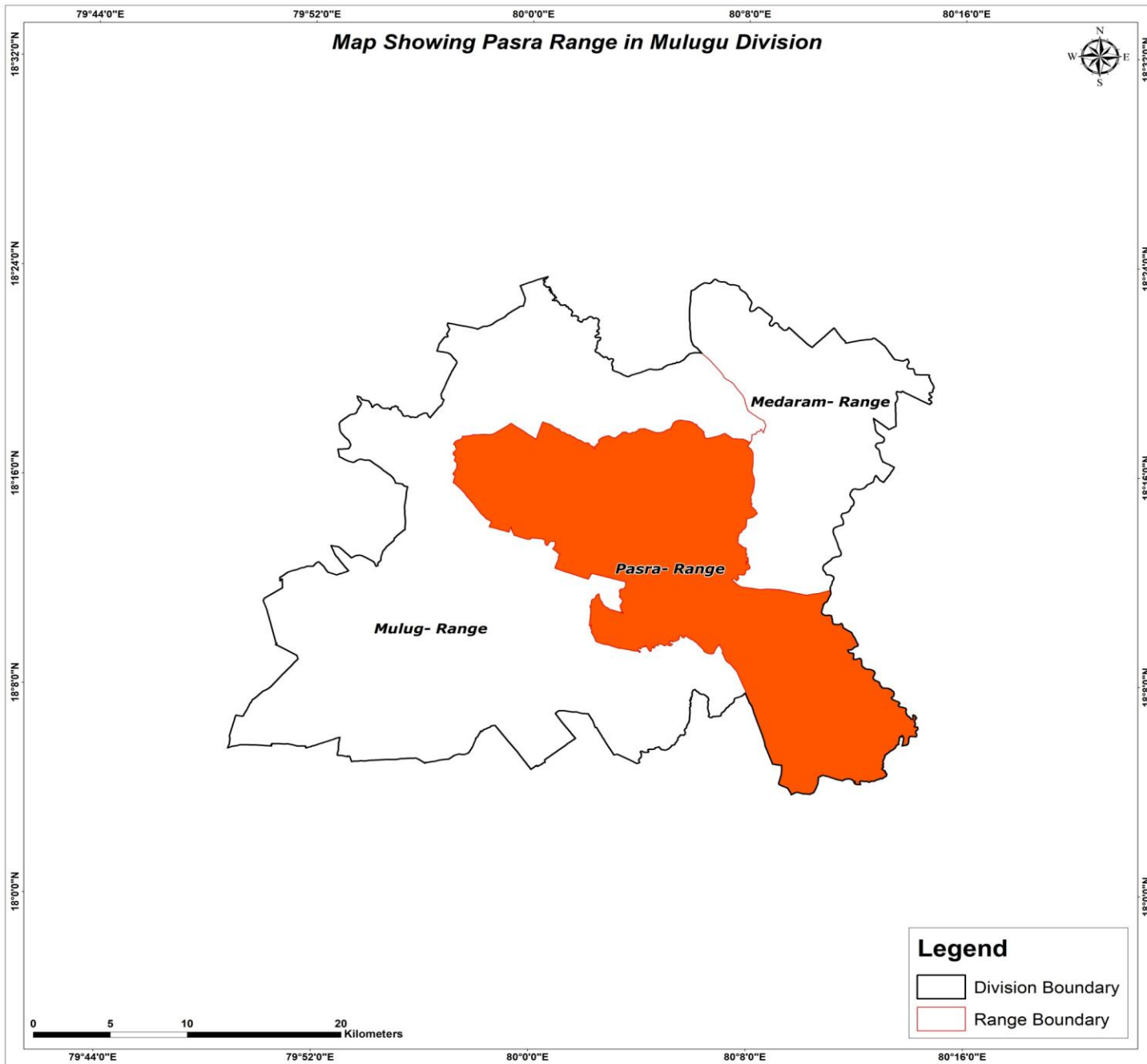


Division : Mulugu
Range : Mulugu

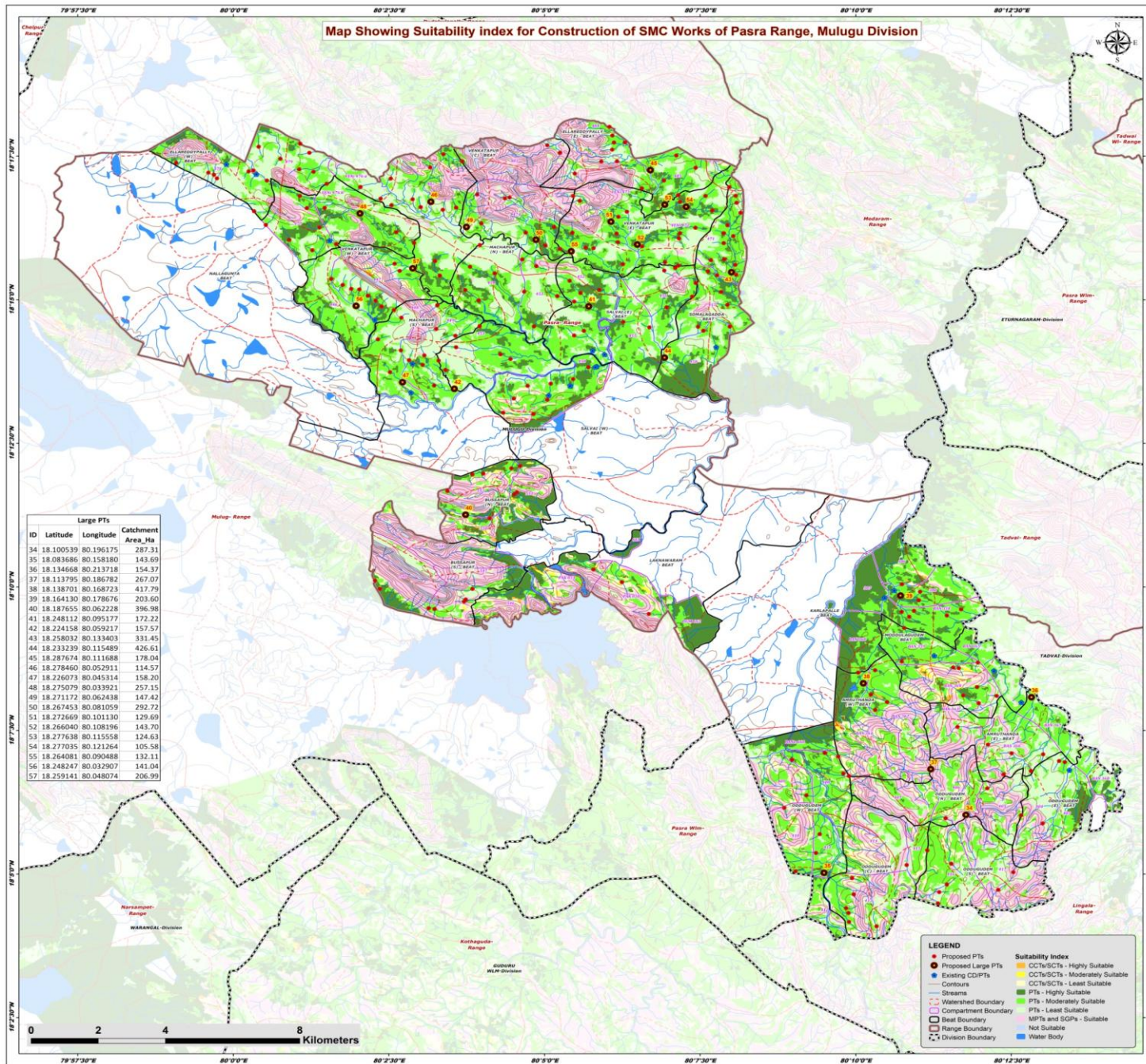


LEGEND

- 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



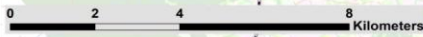
Map Showing Suitability index for Construction of SMC Works of Pasra Range, Mulugu Division



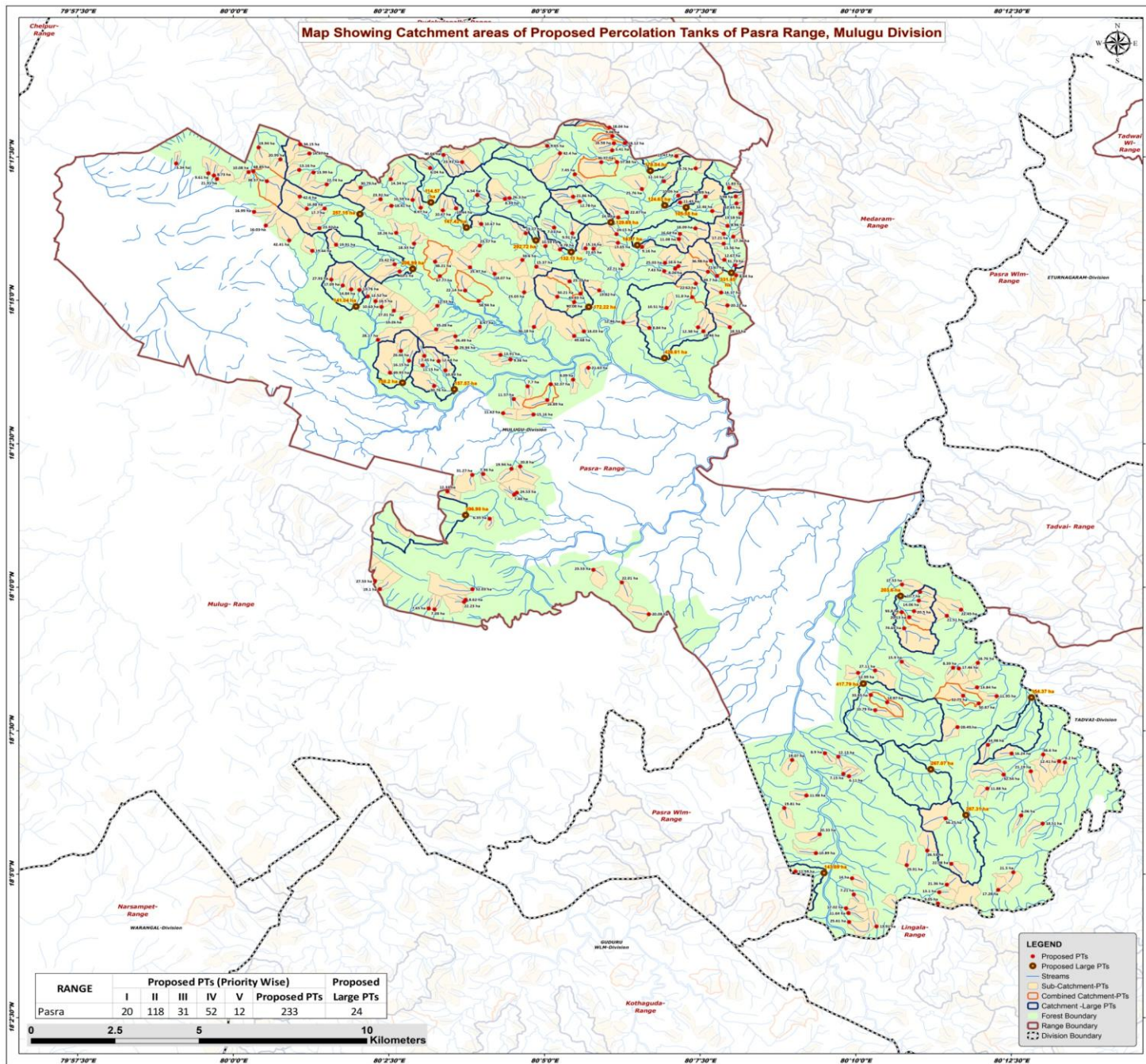
ID	Latitude	Longitude	Catchment Area_Ha
34	18.100539	80.196175	287.31
35	18.083686	80.158180	143.69
36	18.134668	80.213718	154.37
37	18.113795	80.186782	267.07
38	18.138701	80.168723	417.79
39	18.164130	80.178676	203.60
40	18.187655	80.062228	396.98
41	18.248112	80.095177	172.22
42	18.224158	80.059217	157.57
43	18.258032	80.133403	331.45
44	18.232329	80.115489	426.61
45	18.287674	80.111688	178.04
46	18.278460	80.052911	114.57
47	18.226073	80.045314	158.20
48	18.275079	80.033921	257.15
49	18.271172	80.062438	147.42
50	18.267453	80.081059	292.72
51	18.272669	80.101130	129.69
52	18.266040	80.108196	143.70
53	18.277638	80.115558	124.63
54	18.277035	80.121264	105.58
55	18.264081	80.090488	132.11
56	18.248247	80.032907	141.04
57	18.259141	80.048074	206.99

LEGEND

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



Map Showing Catchment areas of Proposed Percolation Tanks of Pasra Range, Mulugu Division



Beat wise Abstract of Proposed PT's – Pasra Range

S. No.	Beat	Proposed PT's
1	AMRUTHANDA EAST	6
2	AMRUTHANDA WEST	5
3	BUSSAPUR NORTH	8
4	BUSSAPUR SOUTH	7
5	ELLAREDDYPALLY (E	13
6	ELLAREDDYPALLY(W)	29
7	KARLAPALLE	8
8	LAKNAWARAM	3
9	MACHAPUR (NORTH)	9
10	MACHAPUR (SOUTH)	13
11	MODDULAGUEM	9
12	NALLAGUNTA	9
13	ODDUGUEM CENTRAL	8
14	ODDUGUEM EAST	3
15	ODDUGUEM NORTH	3
16	ODDUGUEM SOUTH	6
17	ODDUGUEM WEST	10
18	SALVAI EAST	14
19	SALVAI WEST	13
20	SOMALAGADDA	19
21	VENKATAPUR (CENTRAL)	12
22	VENKATAPUR (EAST)	17
23	VENKATAPUR (WEST)	9
	Total	233

List of Proposed PTs – Pasra 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
418	18.073450	80.164087	17.02	II	ODDUGUEM (C)	458	18.135406	80.170725	33.85	III	AMRUTHANDA (W)	498	18.259258	80.118333	8.26	II	SALVAI EAST
419	18.082154	80.165704	14.00	II	ODDUGUEM (C)	459	18.162815	80.183562	14.06	I	KARLAPALLE	499	18.243596	80.104443	12.46	II	SALVAI EAST
420	18.077439	80.166164	7.21	II	ODDUGUEM (C)	460	18.167466	80.179057	17.53	I	KARLAPALLE	500	18.255526	80.090080	23.77	II	SALVAI EAST
421	18.072041	80.164721	11.64	II	ODDUGUEM (C)	461	18.165316	80.183927	10.70	II	KARLAPALLE	501	18.239687	80.091314	49.68	III	SALVAI EAST
422	18.090212	80.185840	26.53	III	ODDUGUEM (C)	462	18.158401	80.191074	21.51	II	KARLAPALLE	502	18.241017	80.093885	18.03	IV	SALVAI EAST
423	18.069469	80.164902	25.61	III	ODDUGUEM (C)	463	18.157993	80.181000	20.13	II	KARLAPALLE	503	18.242009	80.111434	8.84	IV	SALVAI EAST
424	18.068153	80.172249	13.91	IV	ODDUGUEM (C)	464	18.160165	80.194881	22.45	II	KARLAPALLE	504	18.258503	80.115429	7.43	IV	SALVAI EAST
425	18.085952	80.180327	29.91	V	ODDUGUEM (C)	465	18.159733	80.182259	20.50	II	KARLAPALLE	505	18.251965	80.092975	43.83	III	SALVAI EAST
426	18.115835	80.222669	9.20	II	ODDUGUEM EAST	466	18.159452	80.178996	93.80	IV	KARLAPALLE	506	18.250935	80.122890	51.80	IV	SALVAI EAST
427	18.098038	80.216731	18.51	IV	ODDUGUEM EAST	467	18.143300	80.192758	8.39	I	MODDULAGUEM	507	18.249517	80.091312	90.08	IV	SALVAI EAST
428	18.116151	80.221130	12.41	IV	ODDUGUEM EAST	468	18.137607	80.199168	13.84	II	MODDULAGUEM	508	18.229662	80.056820	10.89	I	SALVAI WEST
429	18.100399	80.210971	6.06	II	ODDUGUEM (N)	469	18.145065	80.178996	15.90	II	MODDULAGUEM	509	18.234177	80.071555	13.91	II	SALVAI WEST
430	18.108212	80.201929	11.88	IV	ODDUGUEM (N)	470	18.135197	80.195458	32.75	II	MODDULAGUEM	510	18.217255	80.072270	11.62	II	SALVAI WEST
431	18.099564	80.190755	56.25	V	ODDUGUEM (N)	471	18.135064	80.204413	11.95	II	MODDULAGUEM	511	18.242317	80.065974	8.47	II	SALVAI WEST
432	18.086341	80.192259	22.08	II	ODDUGUEM (S)	472	18.143103	80.194267	17.46	II	MODDULAGUEM	512	18.232848	80.074235	9.36	II	SALVAI WEST
433	18.080302	80.191067	21.36	IV	ODDUGUEM (S)	473	18.144744	80.199392	16.76	II	MODDULAGUEM	513	18.226978	80.091029	8.09	II	SALVAI WEST
434	18.074833	80.188672	9.05	IV	ODDUGUEM (S)	474	18.154772	80.179643	74.65	IV	MODDULAGUEM	514	18.216870	80.080403	15.16	II	SALVAI WEST
435	18.083897	80.208865	21.50	IV	ODDUGUEM (S)	475	18.132965	80.199602	50.87	V	MODDULAGUEM	515	18.221363	80.075121	11.57	II	SALVAI WEST
436	18.078793	80.204842	17.28	IV	ODDUGUEM (S)	476	18.193555	80.075229	7.48	I	BUSSAPUR NORTH	516	18.221062	80.084073	16.89	II	SALVAI WEST
437	18.078094	80.189027	13.10	IV	ODDUGUEM (S)	477	18.201785	80.076849	20.80	II	BUSSAPUR NORTH	517	18.225042	80.078801	7.70	II	SALVAI WEST
438	18.118488	80.158434	8.90	I	ODDUGUEM (W)	478	18.194133	80.075924	24.53	II	BUSSAPUR NORTH	518	18.230416	80.095101	21.63	II	SALVAI WEST
439	18.089461	80.156012	10.89	II	ODDUGUEM (W)	479	18.186564	80.068651	6.35	II	BUSSAPUR NORTH	519	18.236249	80.059691	29.94	III	SALVAI WEST
440	18.117440	80.162026	12.13	II	ODDUGUEM (W)	480	18.201090	80.074496	19.94	II	BUSSAPUR NORTH	520	18.225667	80.085032	32.37	III	SALVAI WEST
441	18.102550	80.147547	19.81	II	ODDUGUEM (W)	481	18.199565	80.066951	7.36	II	BUSSAPUR NORTH	521	18.271639	80.132371	8.96	I	SOMALAGADDA
442	18.116508	80.149662	19.07	II	ODDUGUEM (W)	482	18.194493	80.057350	12.33	II	BUSSAPUR NORTH	522	18.258329	80.127126	21.67	I	SOMALAGADDA
443	18.084116	80.150532	11.59	II	ODDUGUEM (W)	483	18.199319	80.064027	31.27	III	BUSSAPUR NORTH	523	18.261768	80.131490	12.67	I	SOMALAGADDA
444	18.106203	80.153461	11.98	II	ODDUGUEM (W)	484	18.163057	80.062246	8.62	II	BUSSAPUR SOUTH	524	18.252295	80.130664	16.17	I	SOMALAGADDA
445	18.094941	80.157040	20.33	II	ODDUGUEM (W)	485	18.160256	80.053882	7.28	II	BUSSAPUR SOUTH	525	18.242190	80.124464	12.38	II	SOMALAGADDA
446	18.112501	80.163358	7.15	II	ODDUGUEM (W)	486	18.166166	80.039266	19.10	II	BUSSAPUR SOUTH	526	18.269340	80.131353	17.21	II	SOMALAGADDA
447	18.111788	80.164873	6.11	II	ODDUGUEM (W)	487	18.162440	80.061835	22.23	II	BUSSAPUR SOUTH	527	18.275259	80.135836	13.18	II	SOMALAGADDA
448	18.120904	80.202068	14.98	IV	AMRUTHANDA (E)	488	18.160525	80.052341	7.65	II	BUSSAPUR SOUTH	528	18.257276	80.134645	8.84	II	SOMALAGADDA
449	18.118375	80.208428	16.24	IV	AMRUTHANDA (E)	489	18.168517	80.037972	27.53	II	BUSSAPUR SOUTH	529	18.241047	80.125893	18.46	II	SOMALAGADDA
450	18.113245	80.213569	21.19	IV	AMRUTHANDA (E)	490	18.166113	80.064069	52.03	IV	BUSSAPUR SOUTH	530	18.268505	80.133883	17.36	II	SOMALAGADDA
451	18.112280	80.206267	32.54	V	AMRUTHANDA (E)	491	18.168103	80.104062	22.01	II	LAKNAWARAM	531	18.278200	80.134764	10.65	II	SOMALAGADDA
452	18.118088	80.216867	36.60	V	AMRUTHANDA (E)	492	18.171753	80.096466	23.53	II	LAKNAWARAM	532	18.242228	80.132942	18.53	II	SOMALAGADDA
453	18.126049	80.193922	28.49	V	AMRUTHANDA (E)	493	18.158846	80.111261	20.09	IV	LAKNAWARAM	533	18.266463	80.131322	11.56	II	SOMALAGADDA
454	18.130963	80.171894	10.79	I	AMRUTHANDA (W)	494	18.252903	80.097991	19.82	I	SALVAI EAST	534	18.280197	80.134552	7.98	II	SOMALAGADDA
455	18.141804	80.167314	12.99	II	AMRUTHANDA (W)	495	18.259918	80.119185	18.60	I	SALVAI EAST	535	18.248531	80.132345	20.22	II	SOMALAGADDA
456	18.133277	80.175094	14.87	II	AMRUTHANDA (W)	496	18.247823	80.116031	10.51	II	SALVAI EAST	536	18.261505	80.127901	36.98	III	SOMALAGADDA
457	18.142483	80.171836	27.11	III	AMRUTHANDA (W)	497	18.254884	80.123866	22.62	II	SALVAI EAST	537	18.260170	80.134434	31.73	III	SOMALAGADDA

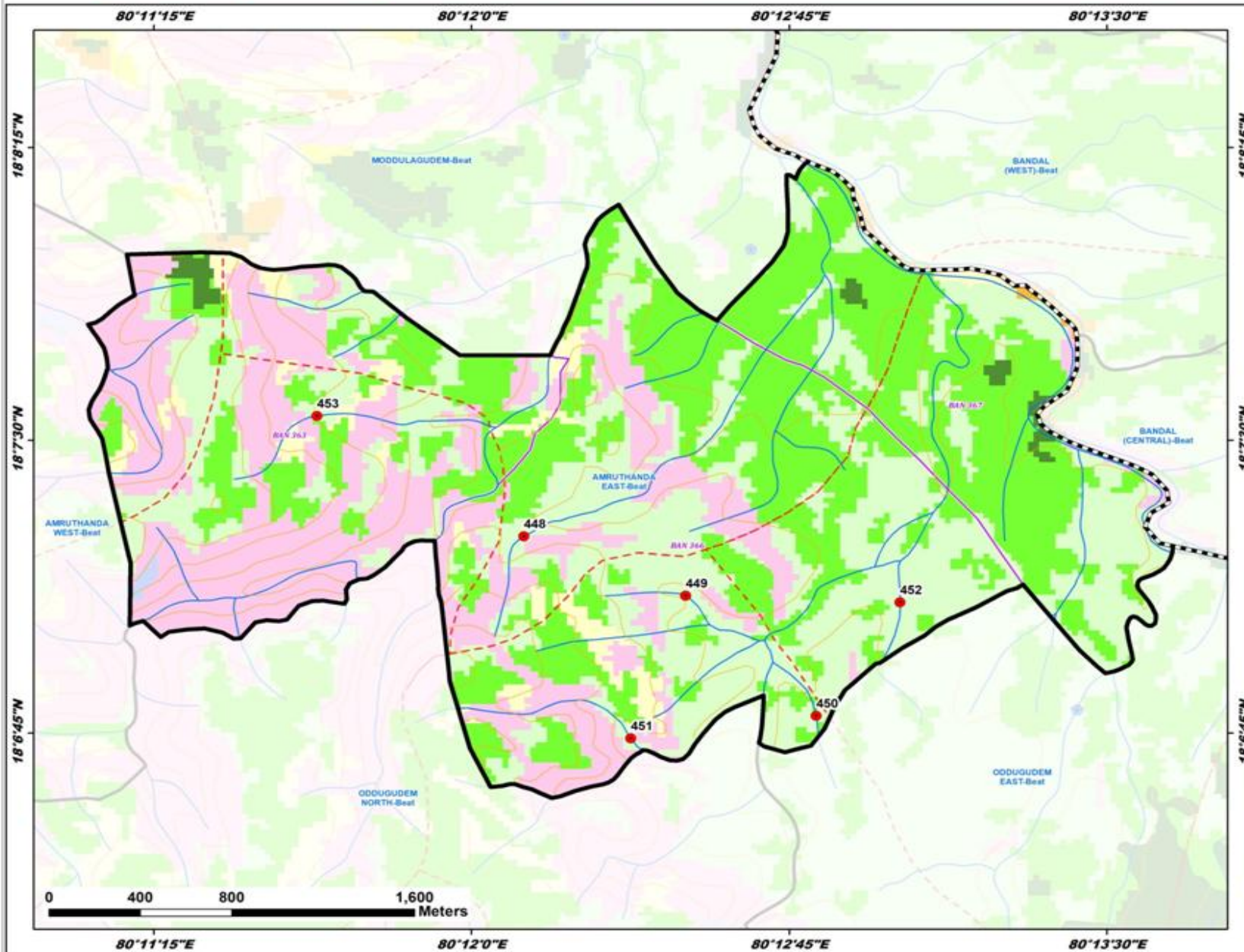
List of Proposed PTs – Pasra Range

ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat	ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat	ID	Latitude	Longitude	Catchment Area_Ha	Priority	Beat	
538	18.282699	80.132835	11.83	IV	SOMALAGADDA	578	18.288434	80.052766	6.04	IV	ELLAREDDYPALLY - W	618	18.290187	80.061320	23.91	II	VENKATAPUR (C	
539	18.257106	80.129540	49.70	III	SOMALAGADDA	579	18.295336	80.017955	34.15	V	ELLAREDDYPALLY - W	619	18.280590	80.065322	4.54	IV	VENKATAPUR (C	
540	18.291919	80.118657	19.47	II	ELLAREDDYPALLY-E	580	18.257057	80.055325	67.77	IV	ELLAREDDYPALLY - W	620	18.280134	80.091012	21.86	IV	VENKATAPUR (C	
541	18.297685	80.101521	9.06	II	ELLAREDDYPALLY-E	581	18.287550	80.005374	68.85	V	ELLAREDDYPALLY - W	621	18.294876	80.084091	9.65	IV	VENKATAPUR (C	
542	18.280420	80.119165	10.05	II	ELLAREDDYPALLY-E	582	18.252368	80.077924	23.03	II	MACHAPUR (N)	622	18.279473	80.072773	8.34	IV	VENKATAPUR (C	
543	18.295658	80.101962	16.58	II	ELLAREDDYPALLY-E	583	18.252892	80.062103	22.14	II	MACHAPUR (N)	623	18.292714	80.087490	42.40	V	VENKATAPUR (C	
544	18.284630	80.115330	11.14	II	ELLAREDDYPALLY-E	584	18.261733	80.077435	34.60	II	MACHAPUR (N)	624	18.279713	80.073978	26.30	V	VENKATAPUR (C	
545	18.282373	80.109426	25.76	III	ELLAREDDYPALLY-E	585	18.257701	80.070019	18.07	II	MACHAPUR (N)	625	18.267836	80.119329	11.08	I	VENKATAPUR (E)	
546	18.293585	80.101466	5.41	IV	ELLAREDDYPALLY-E	586	18.259806	80.081185	15.37	II	MACHAPUR (N)	626	18.265158	80.094342	21.65	I	VENKATAPUR (E)	
547	18.286630	80.091463	7.45	IV	ELLAREDDYPALLY-E	587	18.259602	80.063404	25.97	III	MACHAPUR (N)	627	18.278458	80.119656	11.45	I	VENKATAPUR (E)	
548	18.288334	80.123839	19.76	IV	ELLAREDDYPALLY-E	588	18.242282	80.080529	36.18	III	MACHAPUR (N)	628	18.266723	80.103013	13.65	I	VENKATAPUR (E)	
549	18.290167	80.098541	36.37	V	ELLAREDDYPALLY-E	589	18.251081	80.086775	50.21	IV	MACHAPUR (N)	629	18.270938	80.123777	18.09	II	VENKATAPUR (E)	
550	18.300226	80.100711	18.04	II	ELLAREDDYPALLY-E	590	18.249827	80.065751	58.94	IV	MACHAPUR (N)	630	18.269520	80.090821	9.91	II	VENKATAPUR (E)	
551	18.295643	80.104877	18.12	II	ELLAREDDYPALLY-E	591	18.232486	80.047082	16.15	II	MACHAPUR (S)	631	18.265515	80.109450	9.16	II	VENKATAPUR (E)	
552	18.290199	80.102769	57.88	V	ELLAREDDYPALLY-E	592	18.231127	80.050734	11.15	II	MACHAPUR (S)	632	18.275564	80.105429	22.87	II	VENKATAPUR (E)	
553	18.287888	80.017696	13.16	II	ELLAREDDYPALLY - W	593	18.248398	80.054649	12.33	II	MACHAPUR (S)	633	18.278739	80.092778	12.78	II	VENKATAPUR (E)	
554	18.283683	80.025017	22.74	II	ELLAREDDYPALLY - W	594	18.239585	80.059501	26.49	III	MACHAPUR (S)	634	18.274121	80.103118	14.90	II	VENKATAPUR (E)	
555	18.287190	80.021508	13.99	II	ELLAREDDYPALLY - W	595	18.229007	80.041983	49.93	III	MACHAPUR (S)	635	18.260362	80.104328	22.71	II	VENKATAPUR (E)	
556	18.276776	80.059691	10.44	II	ELLAREDDYPALLY - W	596	18.235327	80.044885	26.66	III	MACHAPUR (S)	636	18.269301	80.119629	16.64	II	VENKATAPUR (E)	
557	18.289770	79.984738	5.34	II	ELLAREDDYPALLY - W	597	18.225148	80.053793	30.76	III	MACHAPUR (S)	637	18.269244	80.102645	24.15	II	VENKATAPUR (E)	
558	18.277485	80.042390	18.41	II	ELLAREDDYPALLY - W	598	18.238548	80.038763	28.17	III	MACHAPUR (S)	638	18.275946	80.128275	12.46	II	VENKATAPUR (E)	
559	18.287269	80.004120	10.08	II	ELLAREDDYPALLY - W	599	18.241571	80.054354	35.28	III	MACHAPUR (S)	639	18.280162	80.126464	34.69	III	VENKATAPUR (E)	
560	18.266517	80.048440	18.33	II	ELLAREDDYPALLY - W	600	18.247011	80.043024	27.01	III	MACHAPUR (S)	640	18.260905	80.115617	25.03	III	VENKATAPUR (E)	
561	18.292258	80.056284	40.66	III	ELLAREDDYPALLY - W	601	18.233876	80.051187	7.45	IV	MACHAPUR (S)	641	18.265025	80.096485	15.16	IV	VENKATAPUR (E)	
562	18.282765	80.034106	30.79	III	ELLAREDDYPALLY - W	602	18.232365	80.054999	12.64	IV	MACHAPUR (S)	642	18.248074	80.039727	10.63	I	VENKATAPUR (W)	
563	18.284636	80.008999	38.57	III	ELLAREDDYPALLY - W	603	18.244835	80.045030	10.26	IV	MACHAPUR (S)	643	18.260480	80.043216	23.42	II	VENKATAPUR (W)	
564	18.261243	80.054067	38.21	III	ELLAREDDYPALLY - W	604	18.271741	80.008728	16.03	II	NALLAGUNTA	644	18.253197	80.031605	14.84	II	VENKATAPUR (W)	
565	18.286906	79.993364	9.61	IV	ELLAREDDYPALLY - W	605	18.270992	80.023078	23.92	II	NALLAGUNTA	645	18.253032	80.033798	13.76	II	VENKATAPUR (W)	
566	18.276159	80.056115	10.67	IV	ELLAREDDYPALLY - W	606	18.276644	80.019686	16.88	II	NALLAGUNTA	646	18.258416	80.044578	12.10	II	VENKATAPUR (W)	
567	18.292684	80.020390	14.97	IV	ELLAREDDYPALLY - W	607	18.264389	80.021179	19.44	II	NALLAGUNTA	647	18.254332	80.029324	17.09	II	VENKATAPUR (W)	
568	18.265913	80.066029	23.57	IV	ELLAREDDYPALLY - W	608	18.266186	80.027551	19.91	II	NALLAGUNTA	648	18.249781	80.038103	18.50	II	VENKATAPUR (W)	
569	18.285200	80.042187	14.34	IV	ELLAREDDYPALLY - W	609	18.269609	80.043643	18.26	II	NALLAGUNTA	649	18.256060	80.026264	27.93	III	VENKATAPUR (W)	
570	18.285278	79.995641	21.91	IV	ELLAREDDYPALLY - W	610	18.267451	80.015001	42.41	III	NALLAGUNTA	650	18.251159	80.036062	12.52	IV	VENKATAPUR (W)	
571	18.276932	80.050214	8.47	IV	ELLAREDDYPALLY - W	611	18.280145	80.017860	42.60	III	NALLAGUNTA							
572	18.286268	79.994834	8.73	IV	ELLAREDDYPALLY - W	612	18.276687	80.024480	17.70	IV	NALLAGUNTA							
573	18.279174	80.048045	10.59	IV	ELLAREDDYPALLY - W	613	18.271148	80.085932	7.01	I	VENKATAPUR (C)							
574	18.290952	80.012644	20.99	IV	ELLAREDDYPALLY - W	614	18.264776	80.087506	8.78	I	VENKATAPUR (C)							
575	18.275724	80.005567	16.99	IV	ELLAREDDYPALLY - W	615	18.265756	80.083603	10.59	II	VENKATAPUR (C)							
576	18.294417	80.006801	19.94	IV	ELLAREDDYPALLY - W	616	18.272187	80.066422	10.67	II	VENKATAPUR (C)							
577	18.279387	80.039462	23.92	IV	ELLAREDDYPALLY - W	617	18.269508	80.078319	13.77	II	VENKATAPUR (C)							

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



Division : Mulugu
Range : Pasra

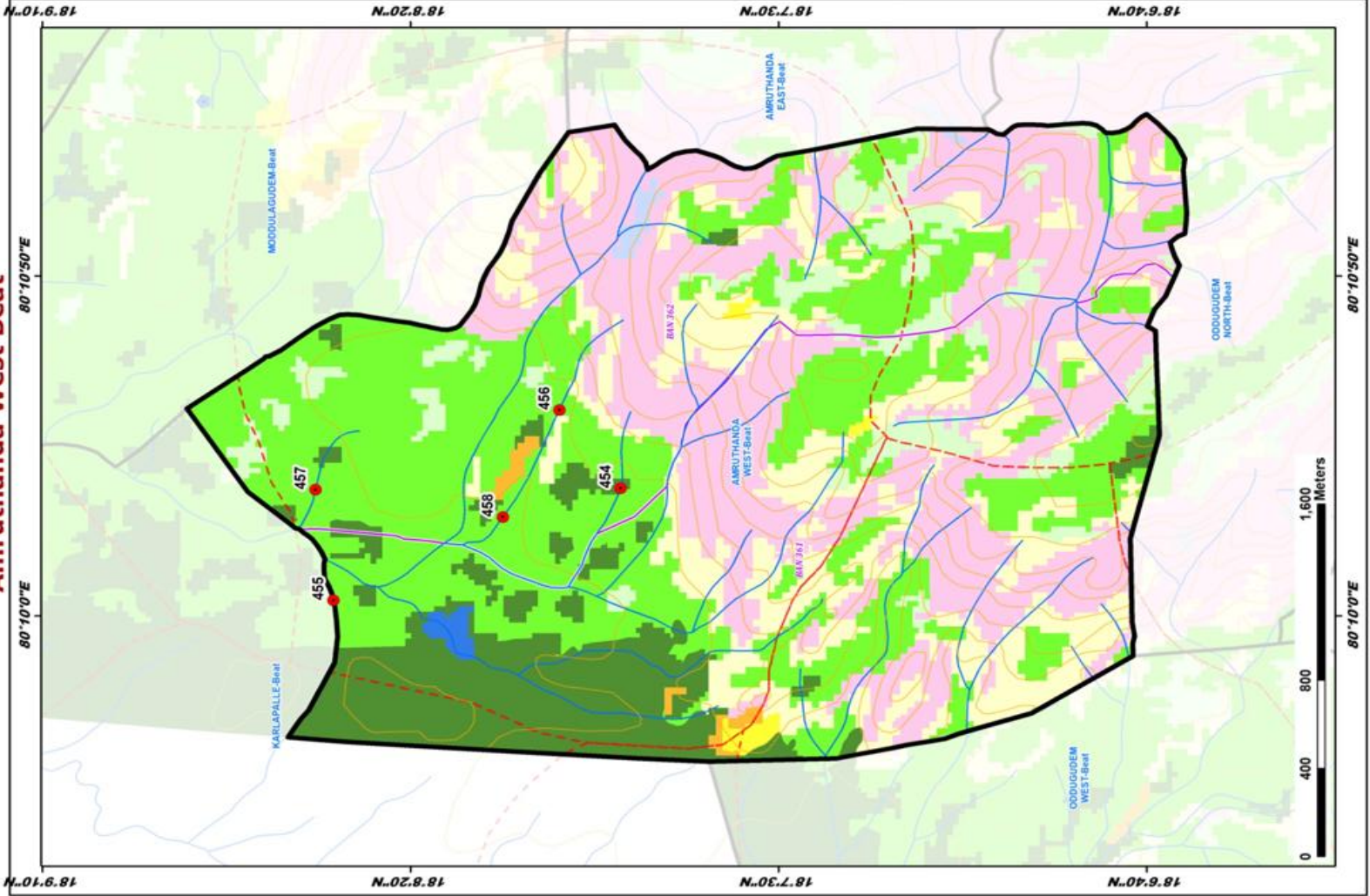


ID	Latitude	Longitude	Catchment Area_Ha	PRIORITY
448	18.120904	80.202068	14.98	IV
449	18.118375	80.208428	16.24	IV
450	18.113245	80.213569	21.19	IV
451	18.112280	80.206267	32.54	V
452	18.118088	80.216867	36.60	V
453	18.126049	80.193922	28.49	V

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

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

Division : Mulugu
Range : Pasra



ID	Latitude	Longitude	Catchment Area_Ha	PRIORITY
454	18.130963	80.171894	10.79	I
455	18.141804	80.167314	12.99	II
456	18.133277	80.175094	14.87	II
457	18.142483	80.171836	27.11	III
458	18.135406	80.170725	33.85	III

LEGEND

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

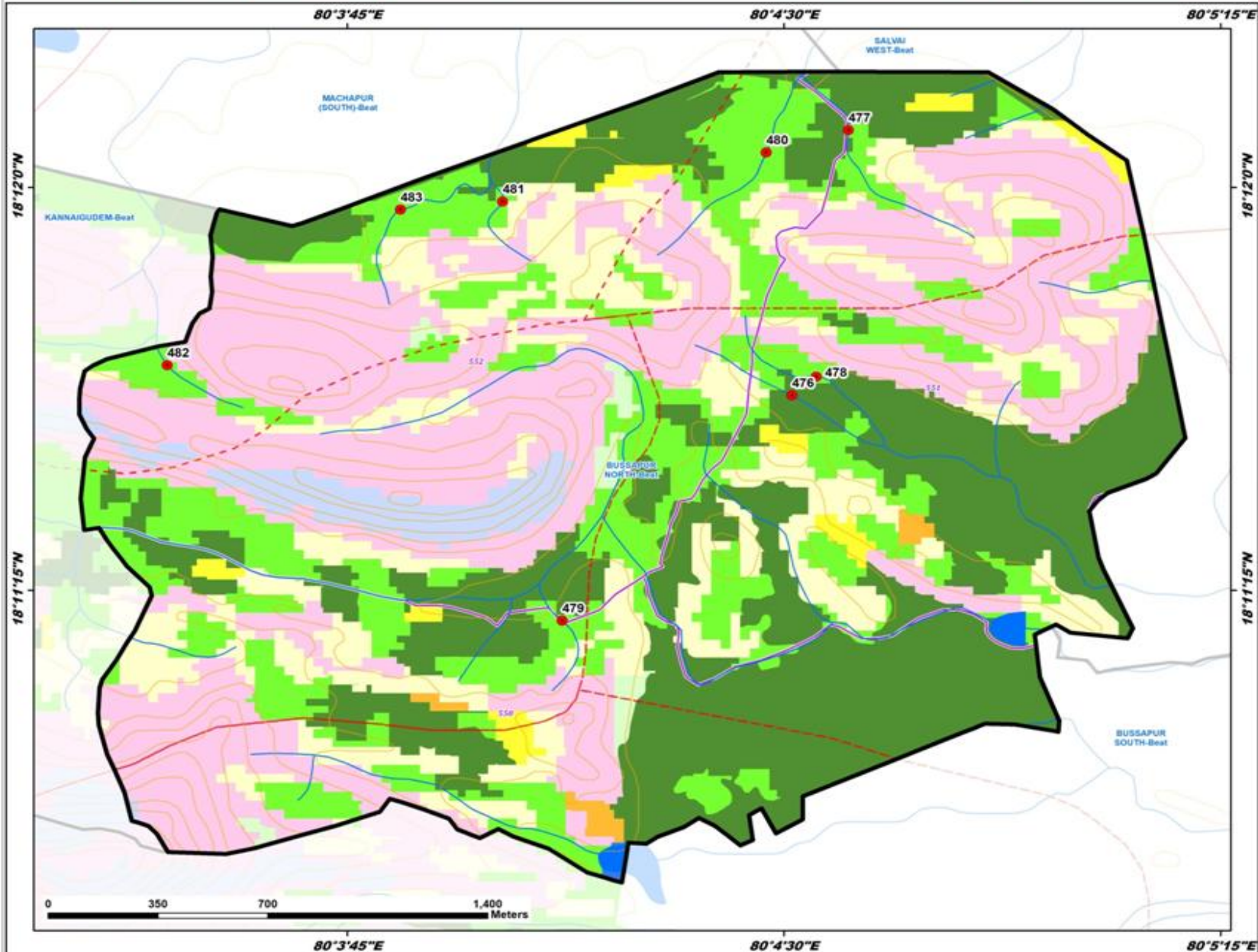
Suitability Index

- 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 Bussapur North Beat



Division : Mulugu
Range : Pasra



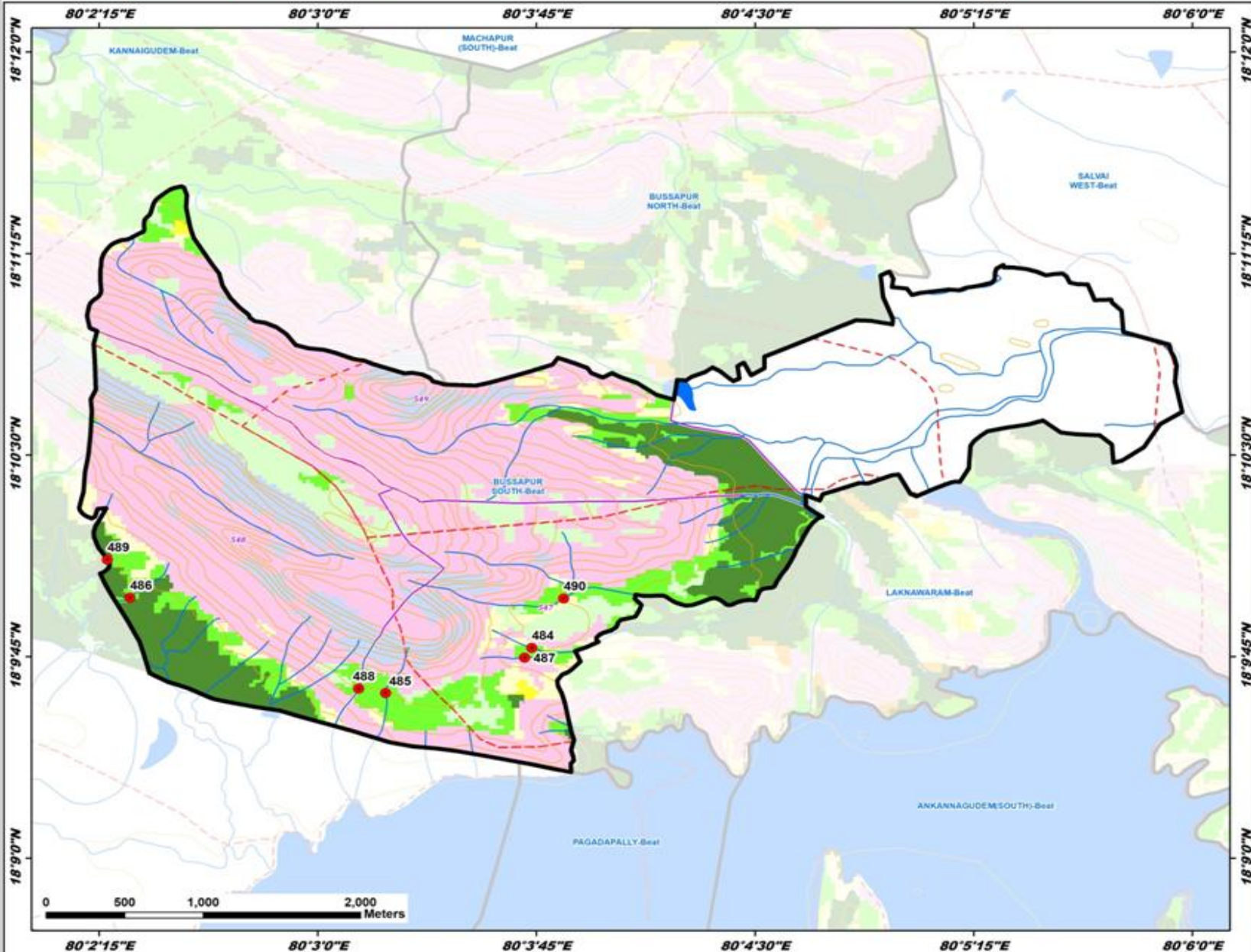
ID	Latitude	Longitude	Catchment Area_Ha	PRIORITY
476	18.193555	80.075229	7.48	I
477	18.201785	80.076849	20.80	II
478	18.194133	80.075924	24.53	III
479	18.186564	80.068651	6.35	III
480	18.201090	80.074496	19.94	III
481	18.199565	80.066951	7.36	III
482	18.194493	80.057350	12.33	III
483	18.199319	80.064027	31.27	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 Bussapur South Beat



Division : Mulugu
Range : Pasra



ID	Latitude	Longitude	Catchment Area_Ha	PRIORITY
484	18.163057	80.062246	8.62	II
485	18.160256	80.053882	7.28	II
486	18.166166	80.039266	19.10	II
487	18.162440	80.061835	22.23	II
488	18.160525	80.052341	7.65	II
489	18.168517	80.037972	27.53	II
490	18.166113	80.064069	52.03	IV

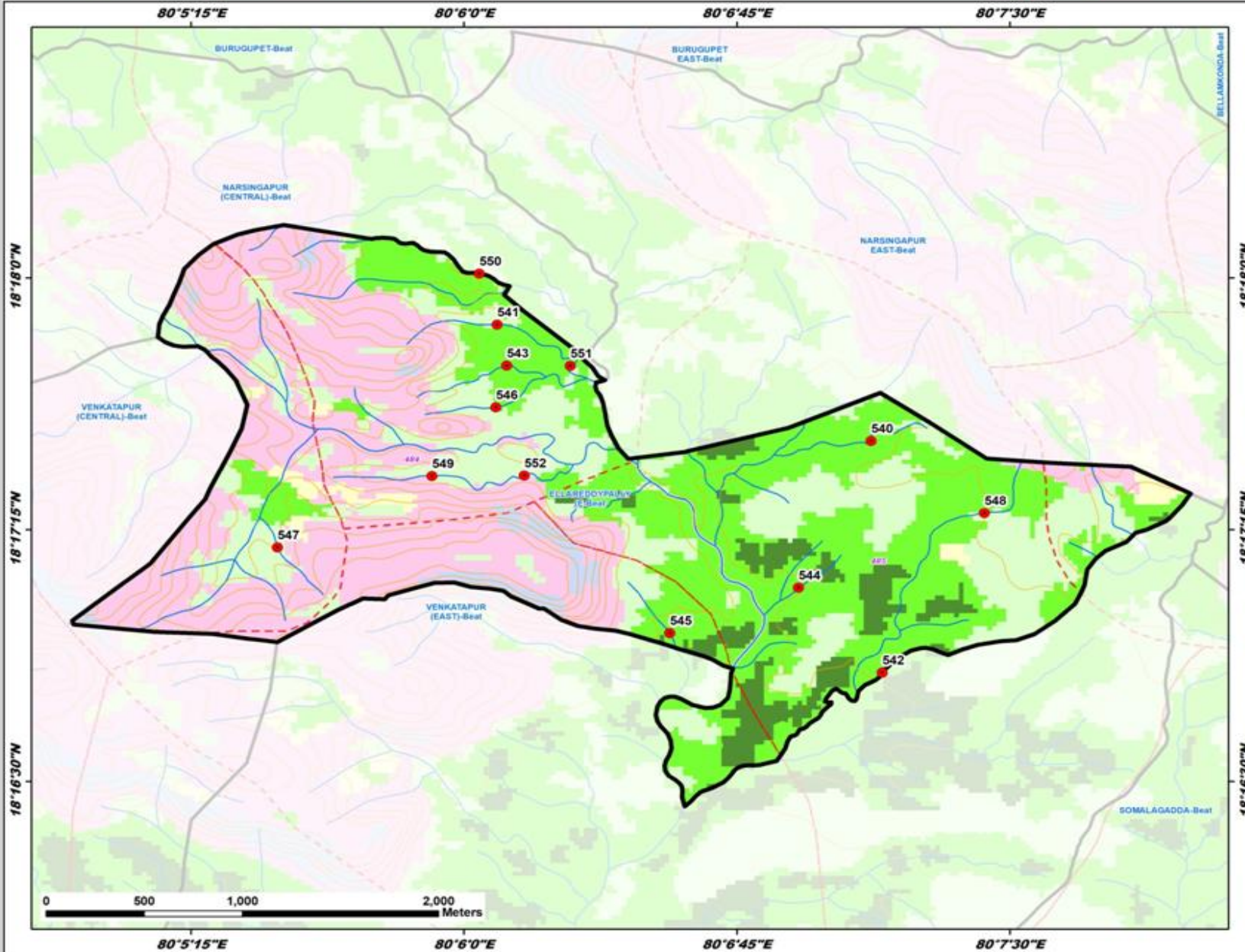
LEGEND

- 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 Ellareddypally East Beat



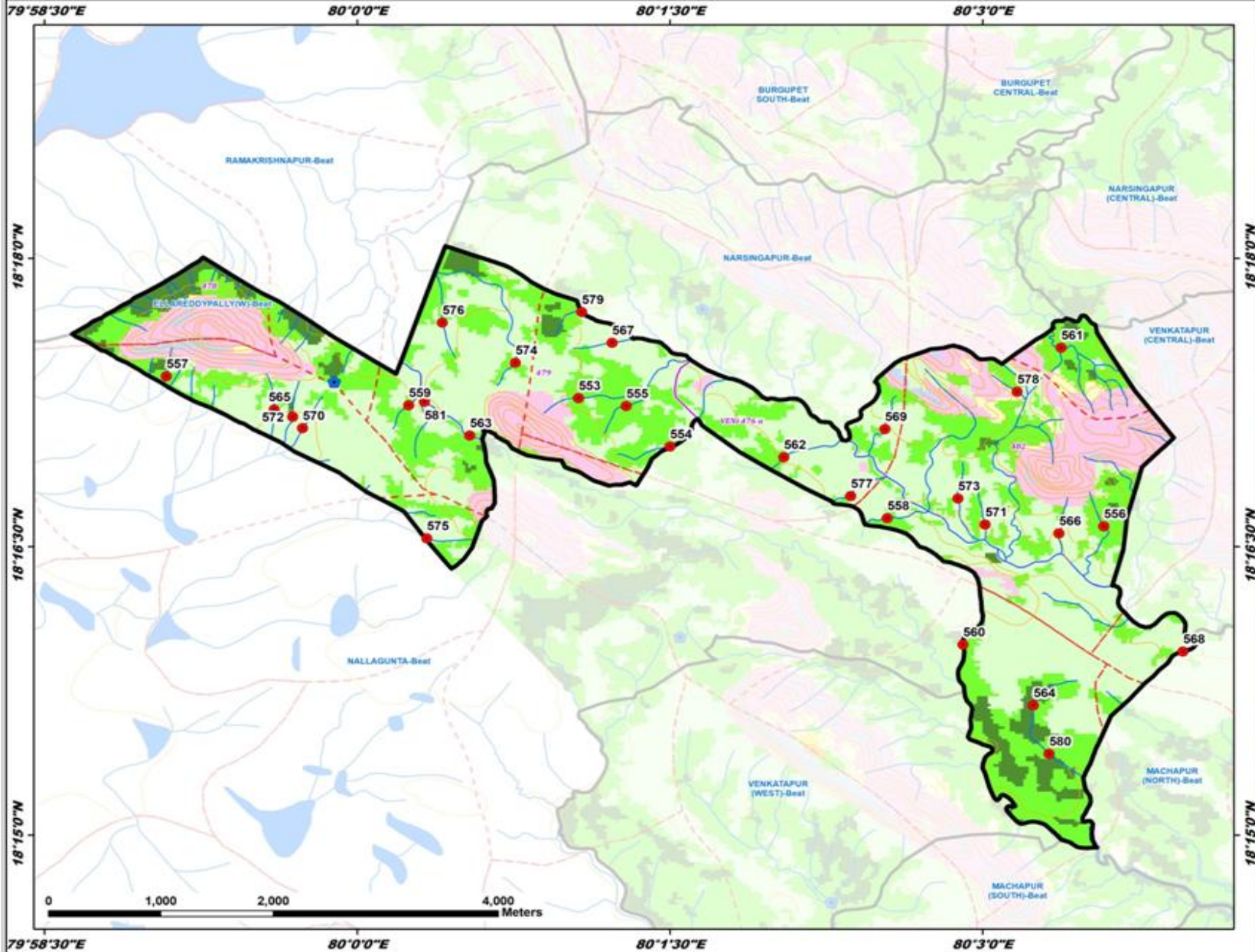
Division : Mulugu
Range : Pasra



ID	Latitude	Longitude	Catchment Area_Ha	PRIORITY
540	18.291919	80.118657	19.47	II
541	18.297685	80.101521	9.06	II
542	18.280420	80.119165	10.05	II
543	18.295658	80.101962	16.58	II
544	18.284630	80.115330	11.14	II
545	18.282373	80.109426	25.76	III
546	18.293585	80.101466	5.41	IV
547	18.286630	80.091463	7.45	IV
548	18.288334	80.123839	19.76	IV
549	18.290167	80.098541	36.37	V
550	18.300226	80.100711	18.04	II
551	18.295643	80.104877	18.12	II
552	18.290199	80.102769	57.88	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

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



Division : Mulugu
Range : Pasra

ID	Latitude	Longitude	Catchment Area_Ha	PRIORITY
553	18.287888	80.017696	13.16	II
554	18.283683	80.025017	22.74	II
555	18.287190	80.021508	13.99	II
556	18.276776	80.059691	10.44	II
557	18.289770	79.984738	5.34	II
558	18.277485	80.042390	18.41	II
559	18.287269	80.004120	10.08	II
560	18.266517	80.048440	18.33	II
561	18.292258	80.056284	40.66	III
562	18.282765	80.034106	30.79	III
563	18.284636	80.008999	38.57	III
564	18.261243	80.054067	38.21	III
565	18.286906	79.993364	9.61	IV
566	18.276159	80.056115	10.67	IV
567	18.292684	80.020390	14.97	IV
568	18.265913	80.066029	23.57	IV
569	18.285200	80.042187	14.34	IV
570	18.285278	79.995641	21.91	IV
571	18.276932	80.050214	8.47	IV
572	18.286268	79.994834	8.73	IV
573	18.279174	80.048045	10.59	IV
574	18.290952	80.012644	20.99	IV
575	18.275724	80.005567	16.99	IV
576	18.294417	80.006801	19.94	IV
577	18.279387	80.039462	23.92	IV
578	18.288434	80.052766	6.04	IV
579	18.295336	80.017955	34.15	V
580	18.257057	80.055325	67.77	IV
581	18.287550	80.005374	68.85	V

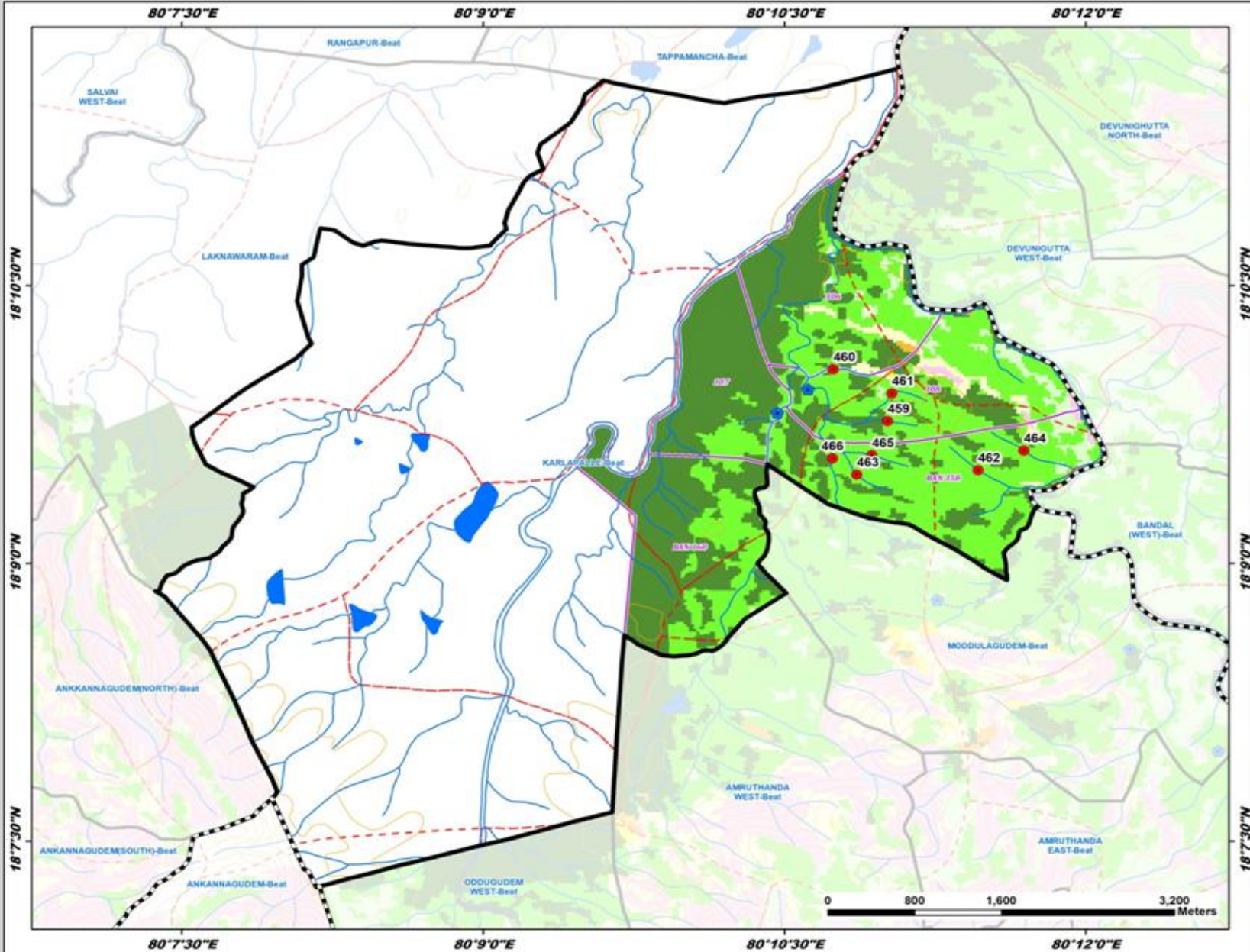
LEGEND

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

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



Division : Mulugu
Range : Pasra



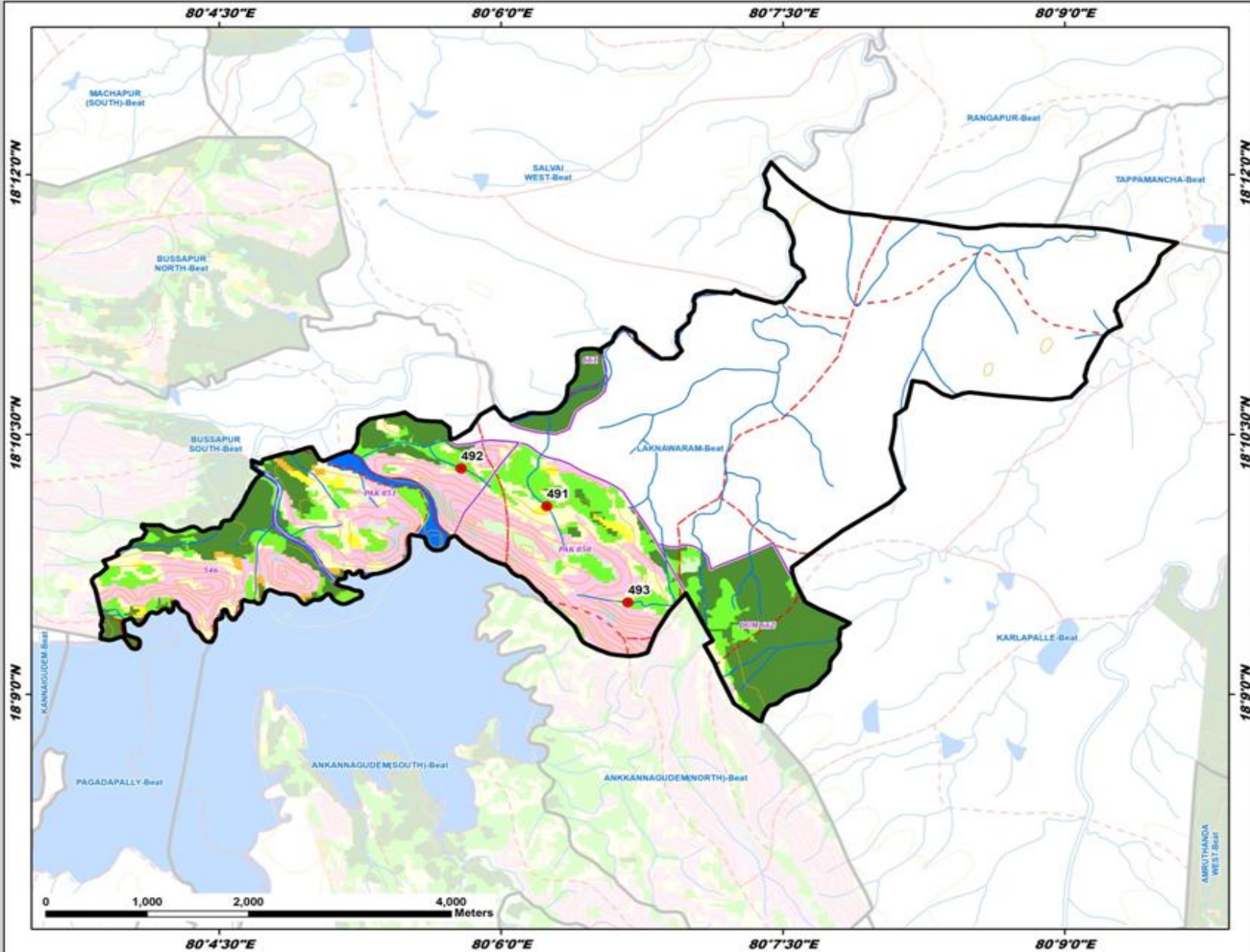
ID	Latitude	Longitude	Catchment Area_Ha	PRIORITY
459	18.162815	80.183562	14.06	I
460	18.167466	80.179057	17.53	I
461	18.165316	80.183927	10.70	II
462	18.158401	80.191074	21.51	II
463	18.157993	80.181000	20.13	II
464	18.160165	80.194881	22.45	II
465	18.159733	80.182259	20.50	II
466	18.159452	80.178996	93.80	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 Laknawaram Beat



Division : Mulugu
Range : Pasra



ID	Latitude	Longitude	Catchment Area_Ha	PRIORITY
491	18.168103	80.104062	22.01	II
492	18.171753	80.096466	23.53	II
493	18.158846	80.111261	20.09	IV

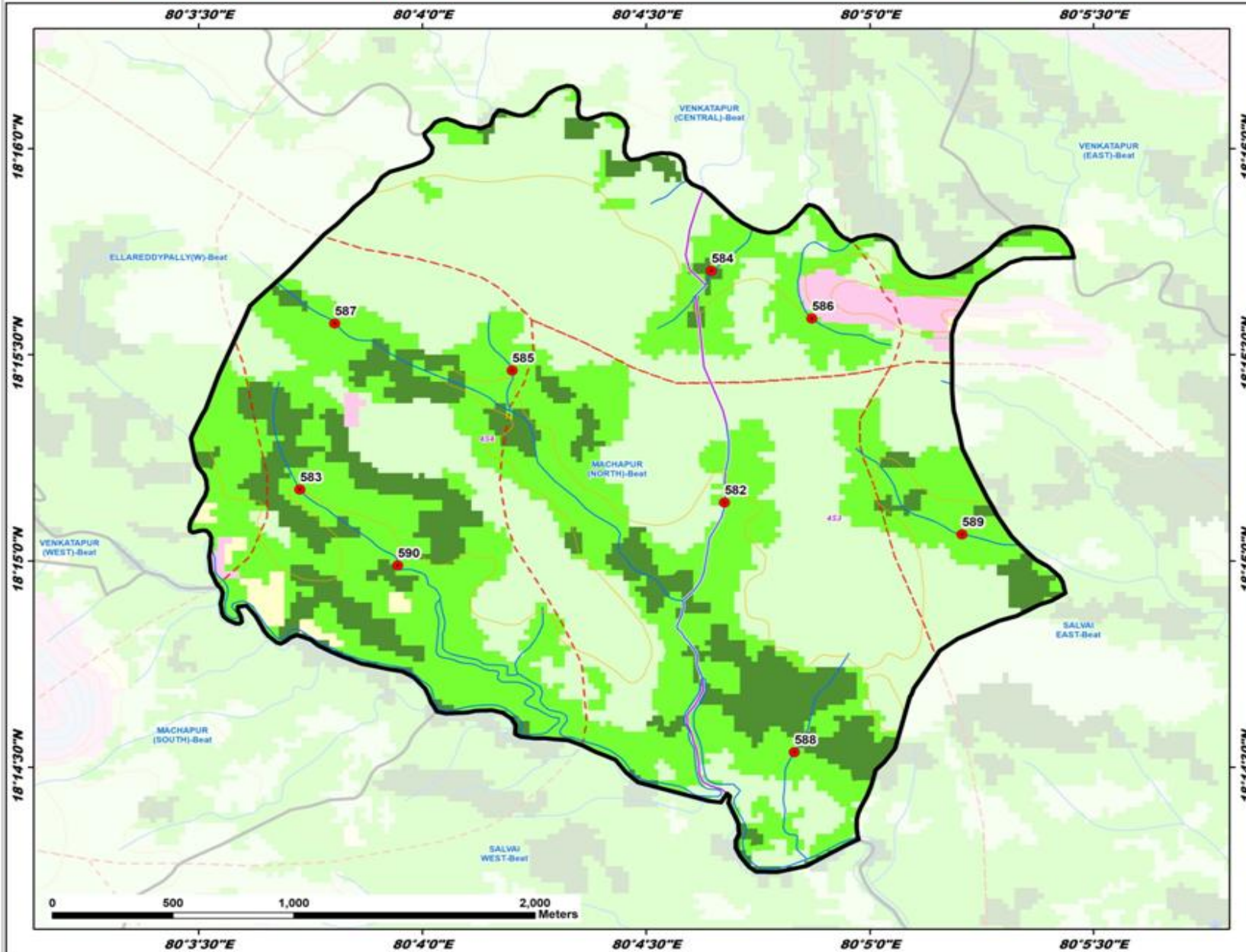
LEGEND

- 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 Machapur North Beat



Division : Mulugu
Range : Pasra



ID	Latitude	Longitude	Catchment Area_Ha	PRIORITY
582	18.252368	80.077924	23.03	II
583	18.252892	80.062103	22.14	II
584	18.261733	80.077435	34.60	II
585	18.257701	80.070019	18.07	II
586	18.259806	80.081185	15.37	II
587	18.259602	80.063404	25.97	III
588	18.242282	80.080529	36.18	III
589	18.251081	80.086775	50.21	IV
590	18.249827	80.065751	58.94	IV

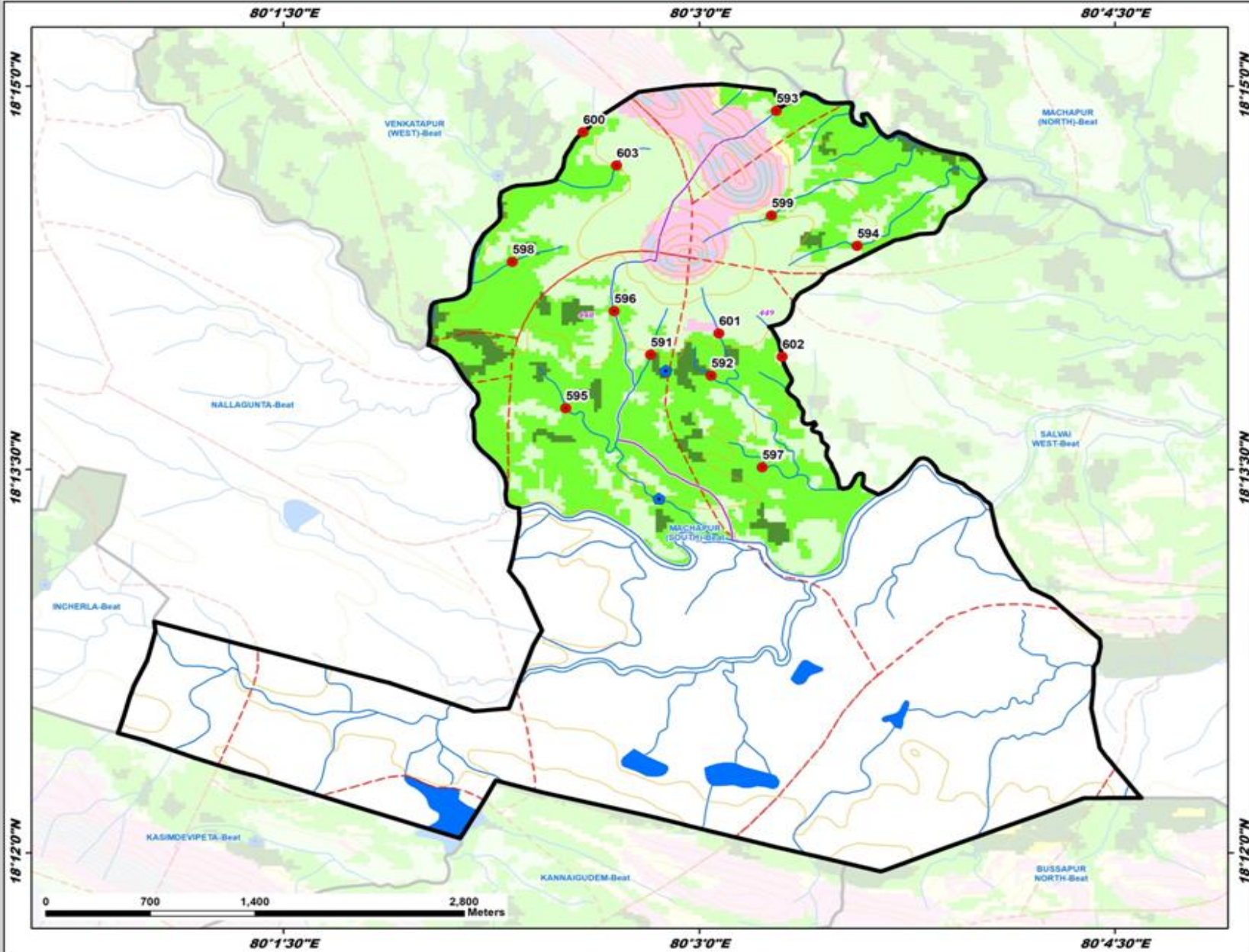
LEGEND

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

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



Division : Mulugu
Range : Pasra



ID	Latitude	Longitude	Catchment Area_Ha	PRIORITY
591	18.232486	80.047082	16.15	II
592	18.231127	80.050734	11.15	II
593	18.248398	80.054649	12.33	II
594	18.239585	80.059501	26.49	III
595	18.229007	80.041983	49.93	III
596	18.235327	80.044885	26.66	III
597	18.225148	80.053793	30.76	III
598	18.238548	80.038763	28.17	III
599	18.241571	80.054354	35.28	III
600	18.247011	80.043024	27.01	III
601	18.233876	80.051187	7.45	IV
602	18.232365	80.054999	12.64	IV
603	18.244835	80.045030	10.26	IV

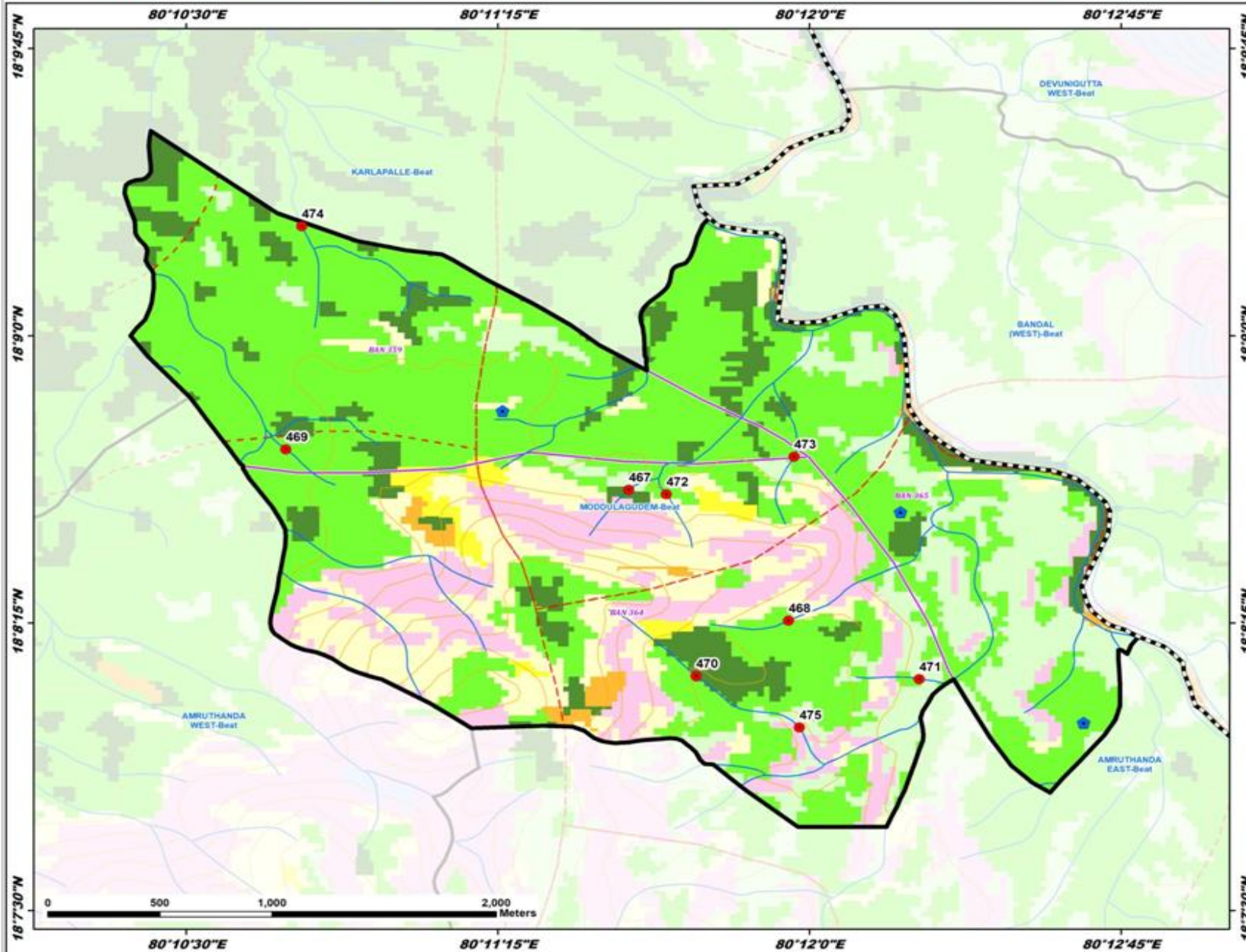
LEGEND

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

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



Division : Mulugu
Range : Pasra



ID	Latitude	Longitude	Catchment Area_Ha	PRIORITY
467	18.143300	80.192758	8.39	I
468	18.137607	80.199168	13.84	II
469	18.145065	80.178996	15.90	II
470	18.135197	80.195458	32.75	II
471	18.135064	80.204413	11.95	II
472	18.143103	80.194267	17.46	II
473	18.144744	80.199392	16.76	II
474	18.154772	80.179643	74.65	IV
475	18.132965	80.199602	50.87	V

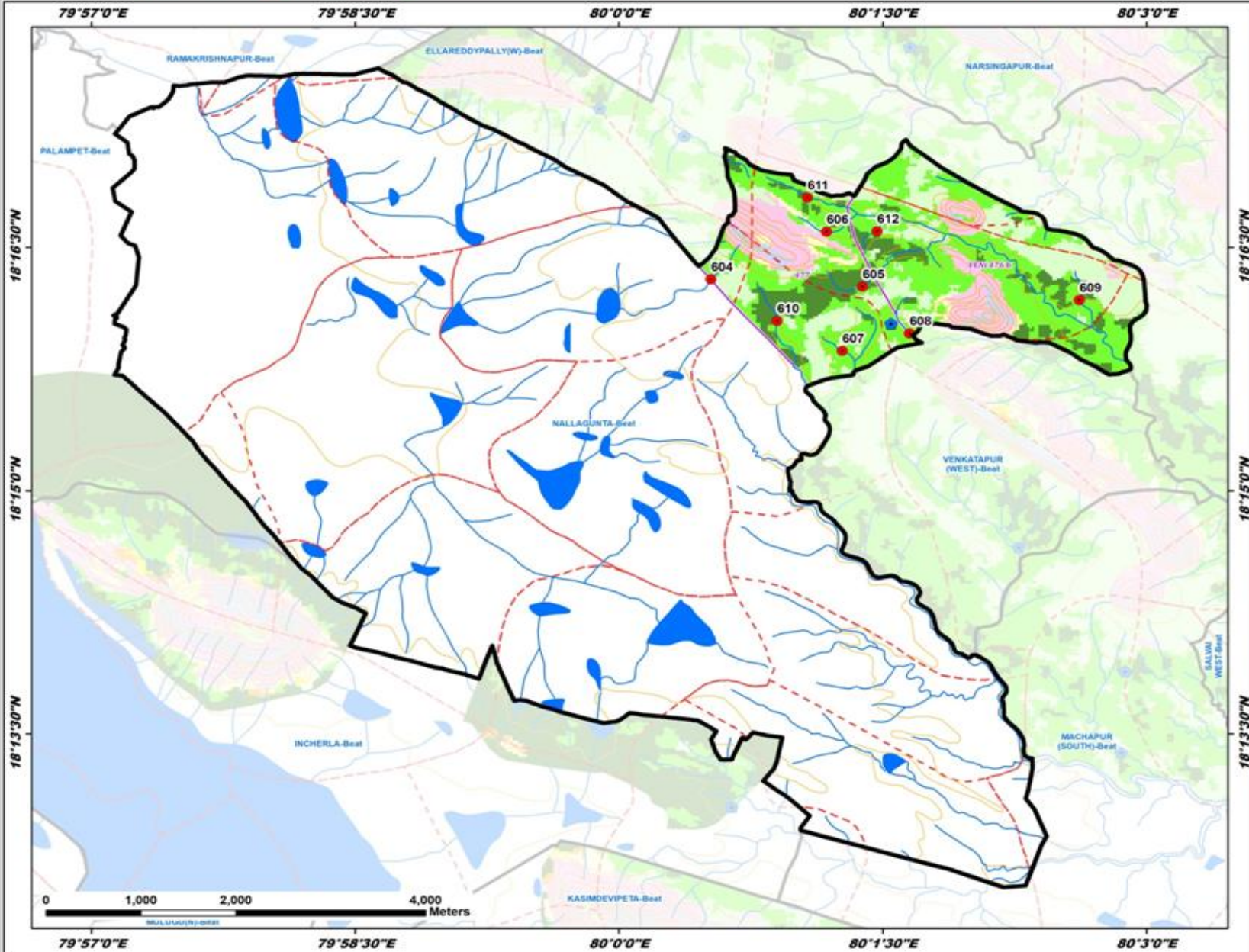
LEGEND

- 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 Nallagunta Beat



Division : Mulugu
Range : Pasra



ID	Latitude	Longitude	Catchment Area_Ha	PRIORITY
604	18.271741	80.008728	16.03	II
605	18.270992	80.023078	23.92	II
606	18.276644	80.019686	16.88	II
607	18.264389	80.021179	19.44	II
608	18.266186	80.027551	19.91	II
609	18.269609	80.043643	18.26	II
610	18.267451	80.015001	42.41	III
611	18.280145	80.017860	42.60	III
612	18.276687	80.024480	17.70	IV

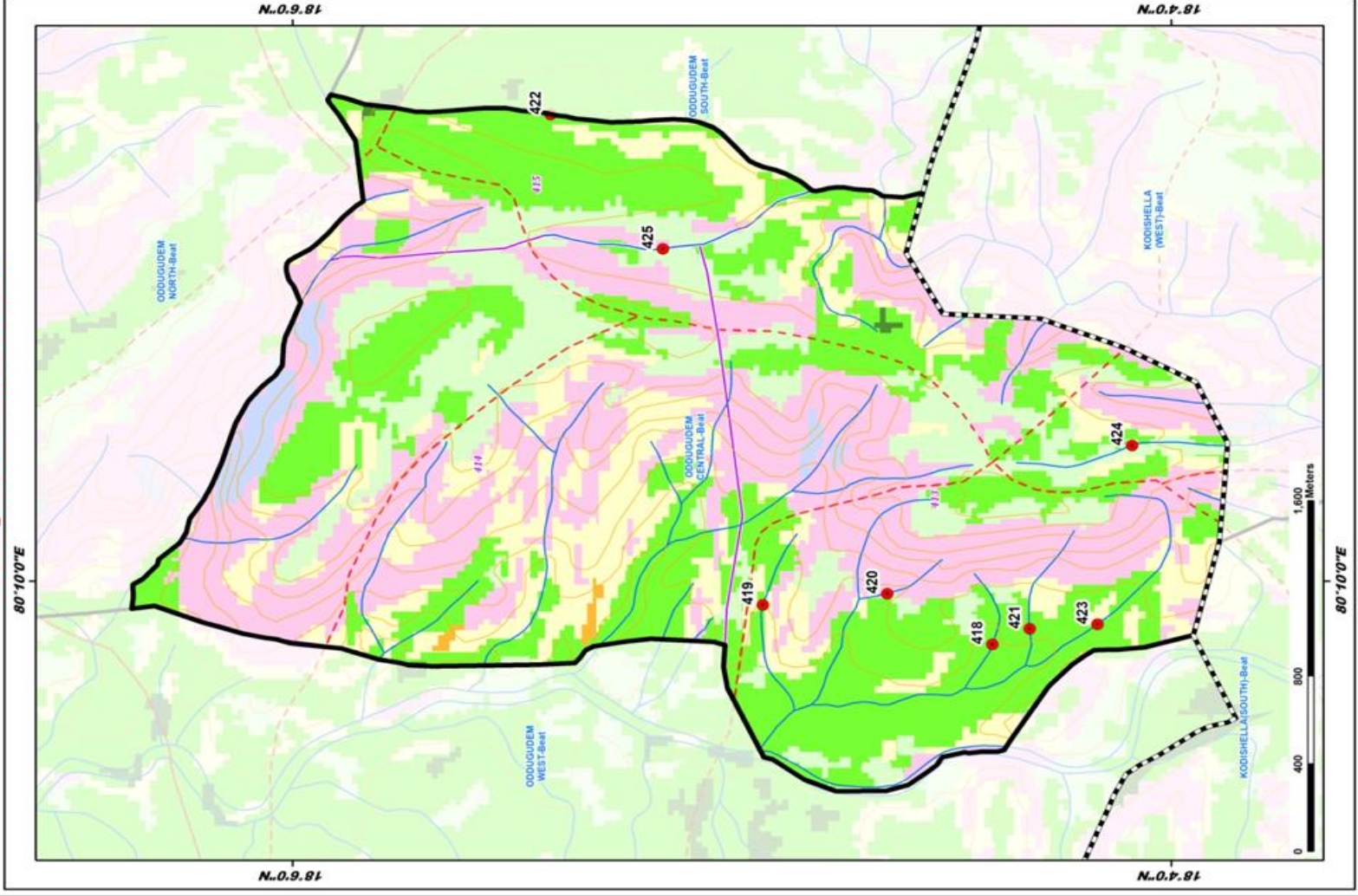
LEGEND

- 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 Oddugudem Central Beat



Division : Mulugu
Range : Pasra



ID	Latitude	Longitude	Catchment Area, Ha	PRIORITY
418	18.073450	80.164087	17.02	II
419	18.082154	80.165704	14.00	II
420	18.077439	80.166164	7.21	II
421	18.072041	80.164721	11.64	II
422	18.090212	80.185840	26.53	III
423	18.069469	80.164902	25.61	III
424	18.068153	80.172249	13.91	IV
425	18.085952	80.180327	29.91	V

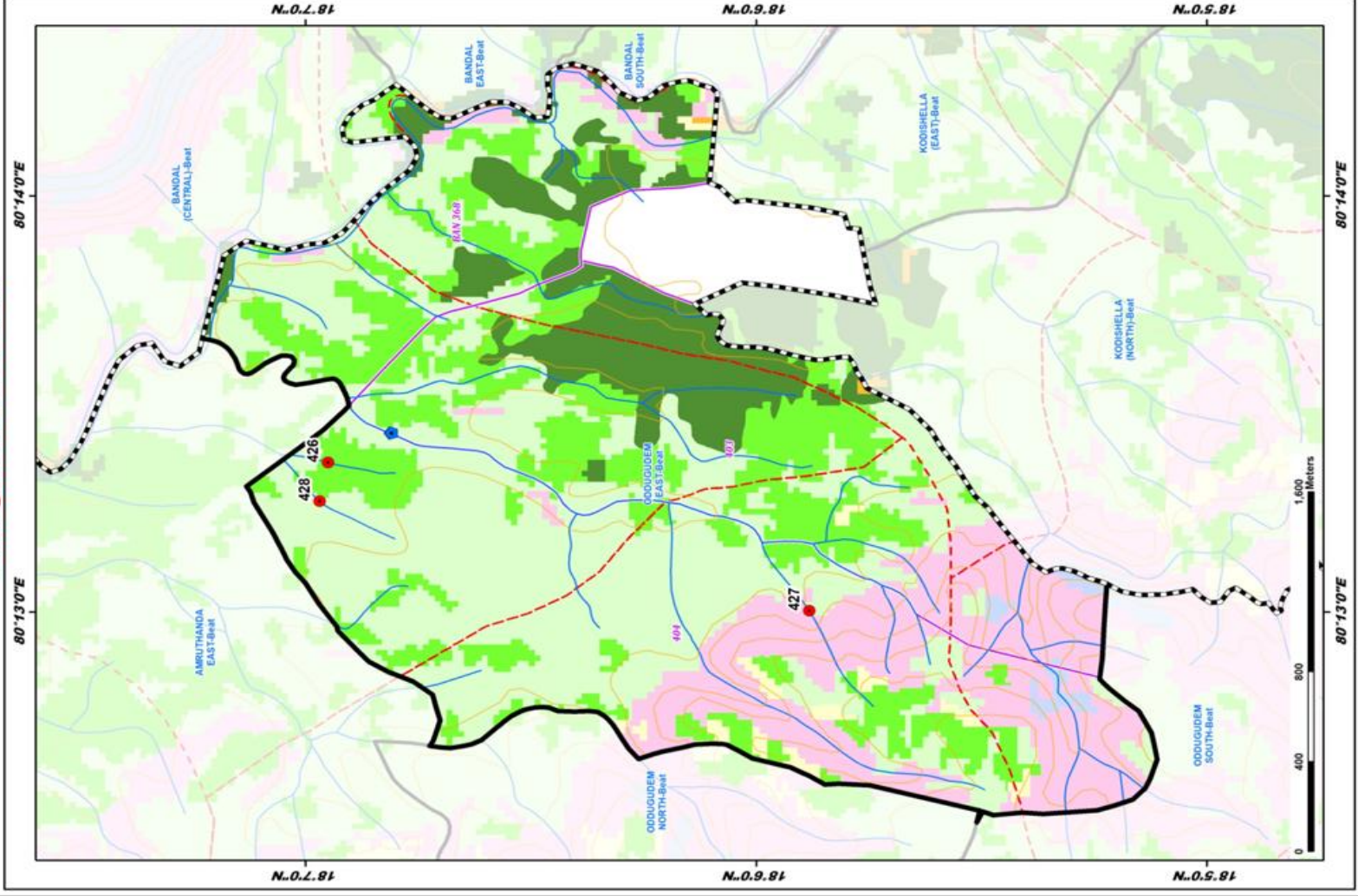
LEGEND

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

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



Division : Mulugu
Range : Pasra



ID	Latitude	Longitude	Catchment Area, Ha	PRIORITY
426	18.115835	80.222669	9.20	II
427	18.098038	80.216731	18.51	IV
428	18.116151	80.221130	12.41	IV

LEGEND

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

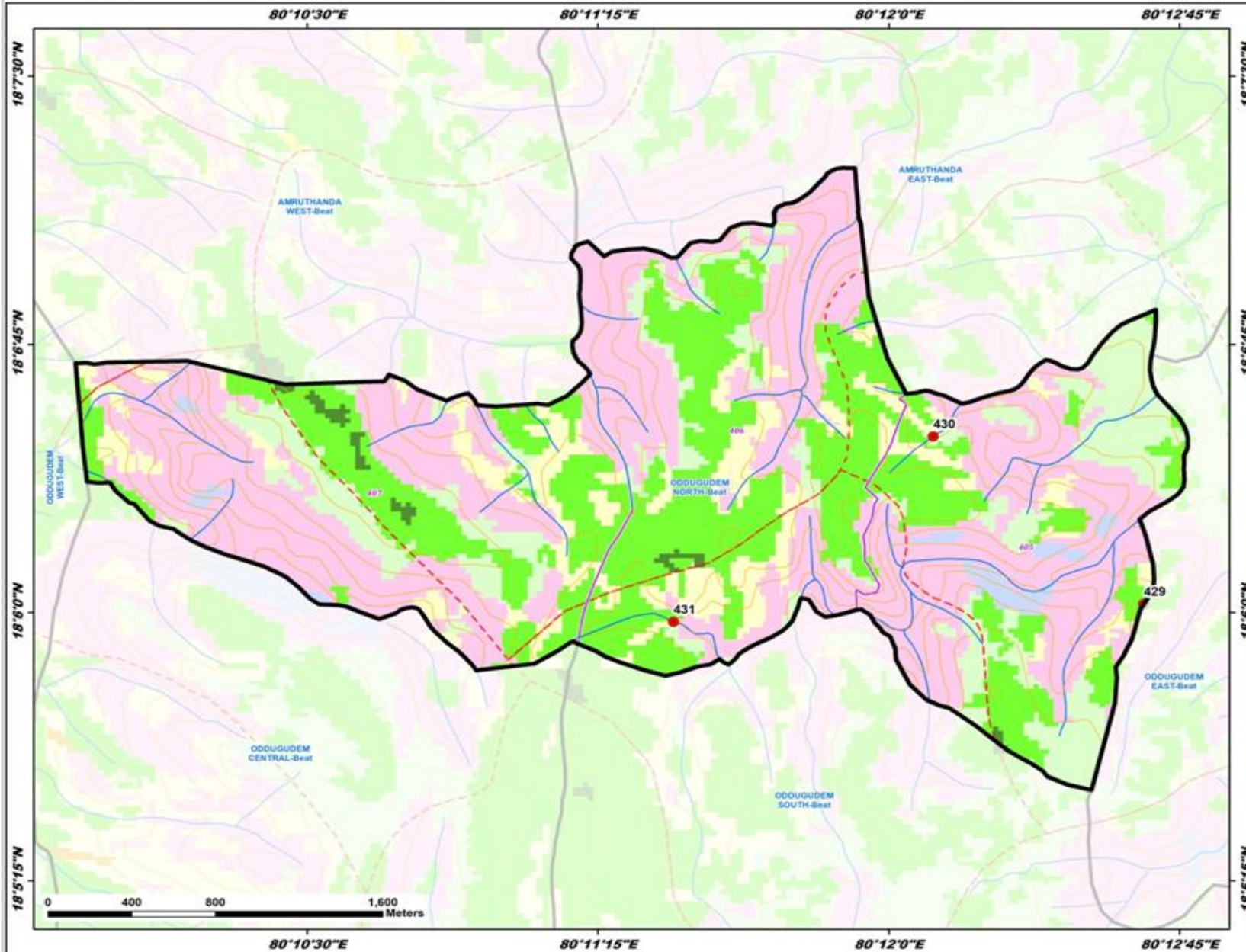
Suitability Index

- CC1s/SCTs - Highly Suitable
- CC1s/SCTs - Moderately Suitable
- CC1s/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MP1s and SGP1s - Suitable
- Not Suitable
- Water Body

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



Division : Mulugu
Range : Pasra



ID	Latitude	Longitude	Catchment Area_Ha	PRIORITY
429	18.100399	80.210971	6.06	II
430	18.108212	80.201929	11.88	IV
431	18.099564	80.190755	56.25	V

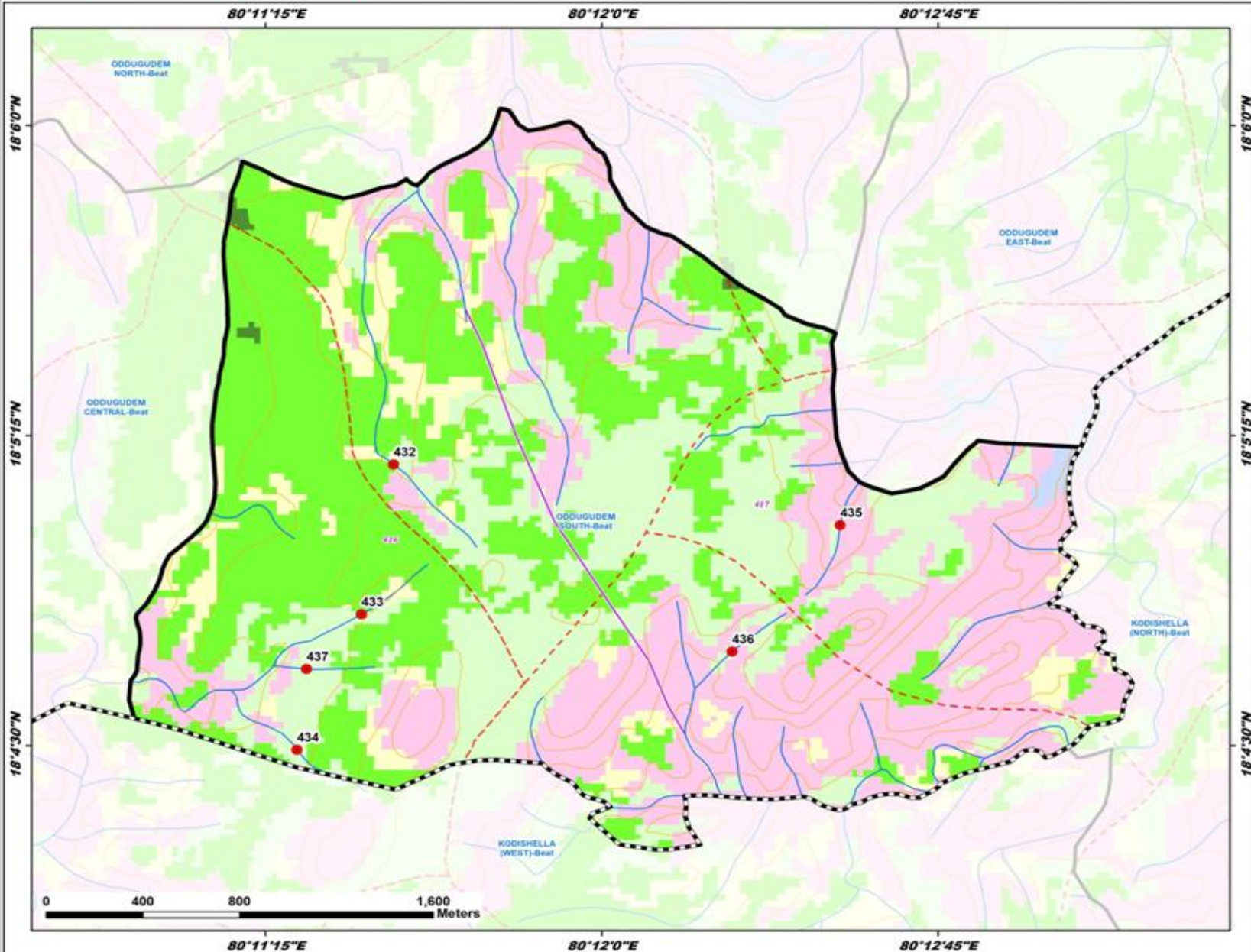
- LEGEND**
- Proposed PTs
 - Existing CD/PTs
 - Contours
 - Streams
 - Watershed Boundary
 - Compartment Boundary
 - Beat Boundary
 - Division Boundary
 - Suitability Index**
 - CCTs/SCTs - Highly Suitable
 - CCTs/SCTs - Moderately Suitable
 - CCTs/SCTs - Least Suitable
 - PTs - Highly Suitable
 - PTs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



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



Division : Mulugu
Range : Pasra



ID	Latitude	Longitude	Catchment Area_Ha	PRIORITY
432	18.086341	80.192259	22.08	II
433	18.080302	80.191067	21.36	IV
434	18.074833	80.188672	9.05	IV
435	18.083897	80.208865	21.50	IV
436	18.078793	80.204842	17.28	IV
437	18.078094	80.189027	13.10	IV

LEGEND

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

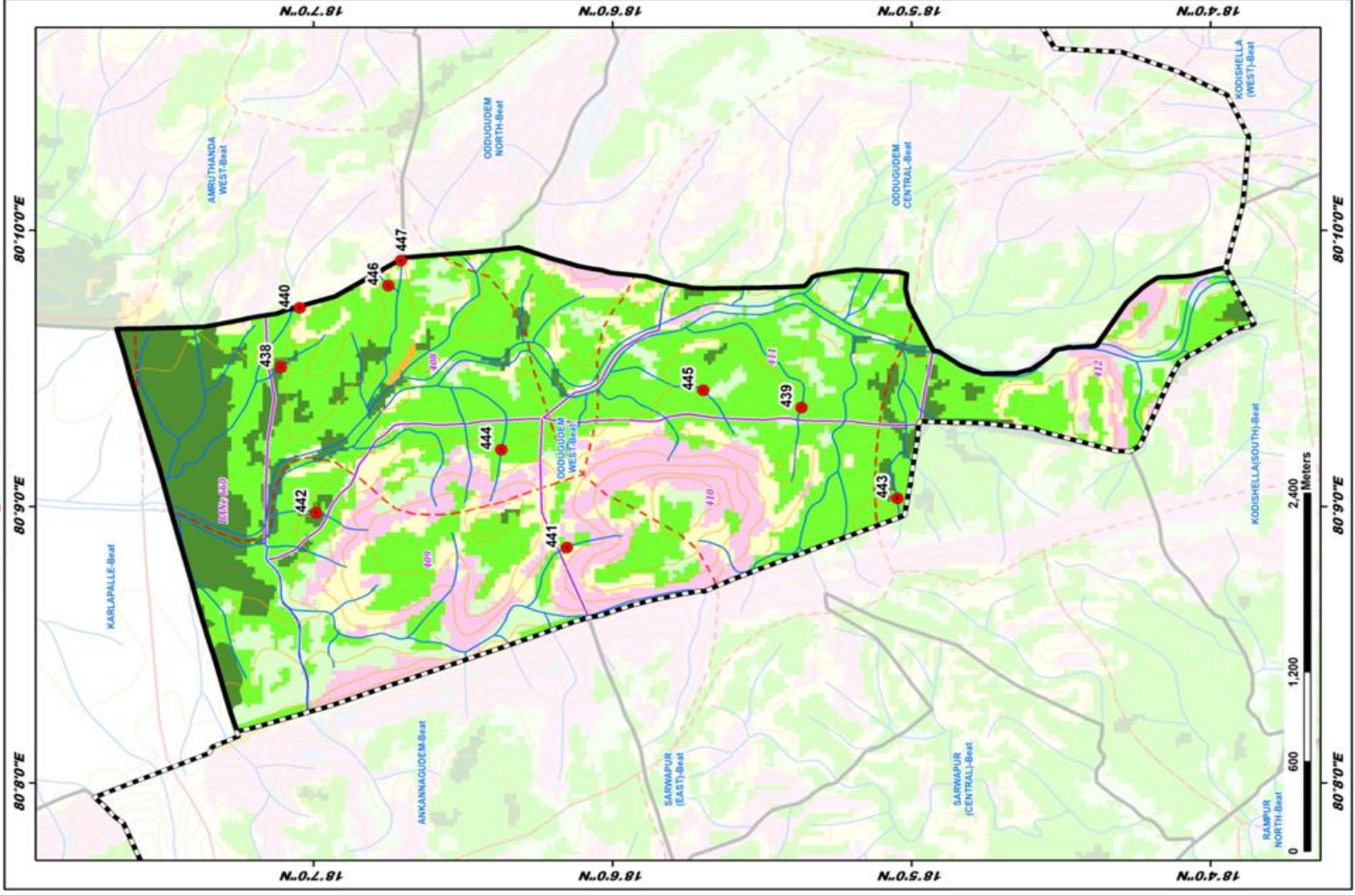
Suitability Index

- 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 Oduddem West Beat



Division : Mulugu
Range : Pasra



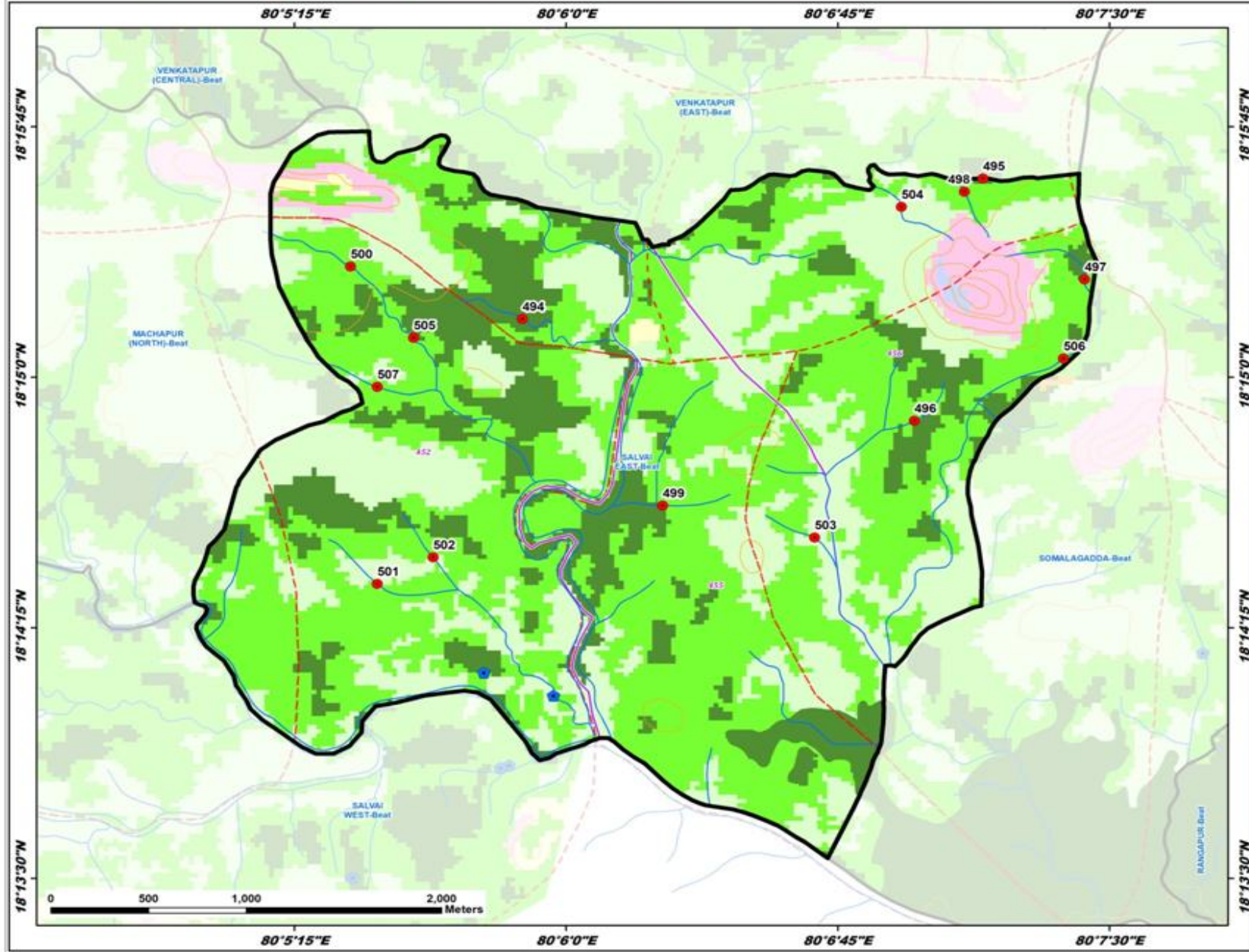
LEGEND

- 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 Salvai East Beat



Division : Mulugu
Range : Pasra



ID	Latitude	Longitude	Catchment Area_Ha	PRIORITY
494	18.252903	80.097991	19.82	I
495	18.259918	80.119185	18.60	I
496	18.247823	80.116031	10.51	II
497	18.254884	80.123866	22.62	II
498	18.259258	80.118333	8.26	II
499	18.243596	80.104443	12.46	II
500	18.255526	80.090080	23.77	II
501	18.239687	80.091314	49.68	III
502	18.241017	80.093885	18.03	IV
503	18.242009	80.111434	8.84	IV
504	18.258503	80.115429	7.43	IV
505	18.251965	80.092975	43.83	III
506	18.250935	80.122890	51.80	IV
507	18.249517	80.091312	90.08	IV

LEGEND

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

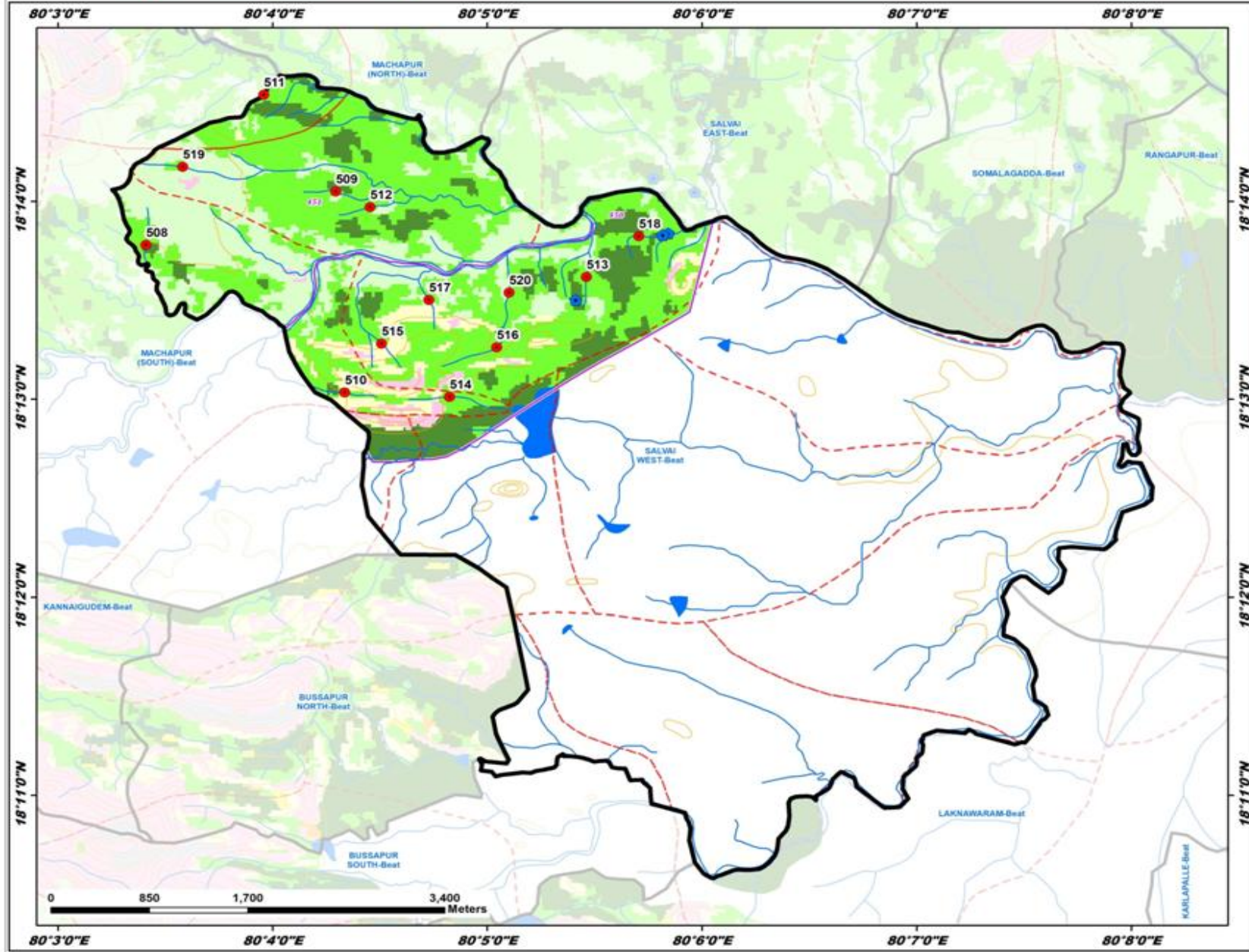
Suitability Index

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

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



Division : Mulugu
Range : Pasra



ID	Latitude	Longitude	Catchment Area_Ha	PRIORITY
508	18.229662	80.056820	10.89	I
509	18.234177	80.071555	13.91	II
510	18.217255	80.072270	11.62	II
511	18.242317	80.065974	8.47	II
512	18.232848	80.074235	9.36	II
513	18.226978	80.091029	8.09	II
514	18.216870	80.080403	15.16	II
515	18.221363	80.075121	11.57	II
516	18.221062	80.084073	16.89	II
517	18.225042	80.078801	7.70	II
518	18.230416	80.095101	21.63	II
519	18.236249	80.059691	29.94	III
520	18.225667	80.085032	32.37	III

LEGEND

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

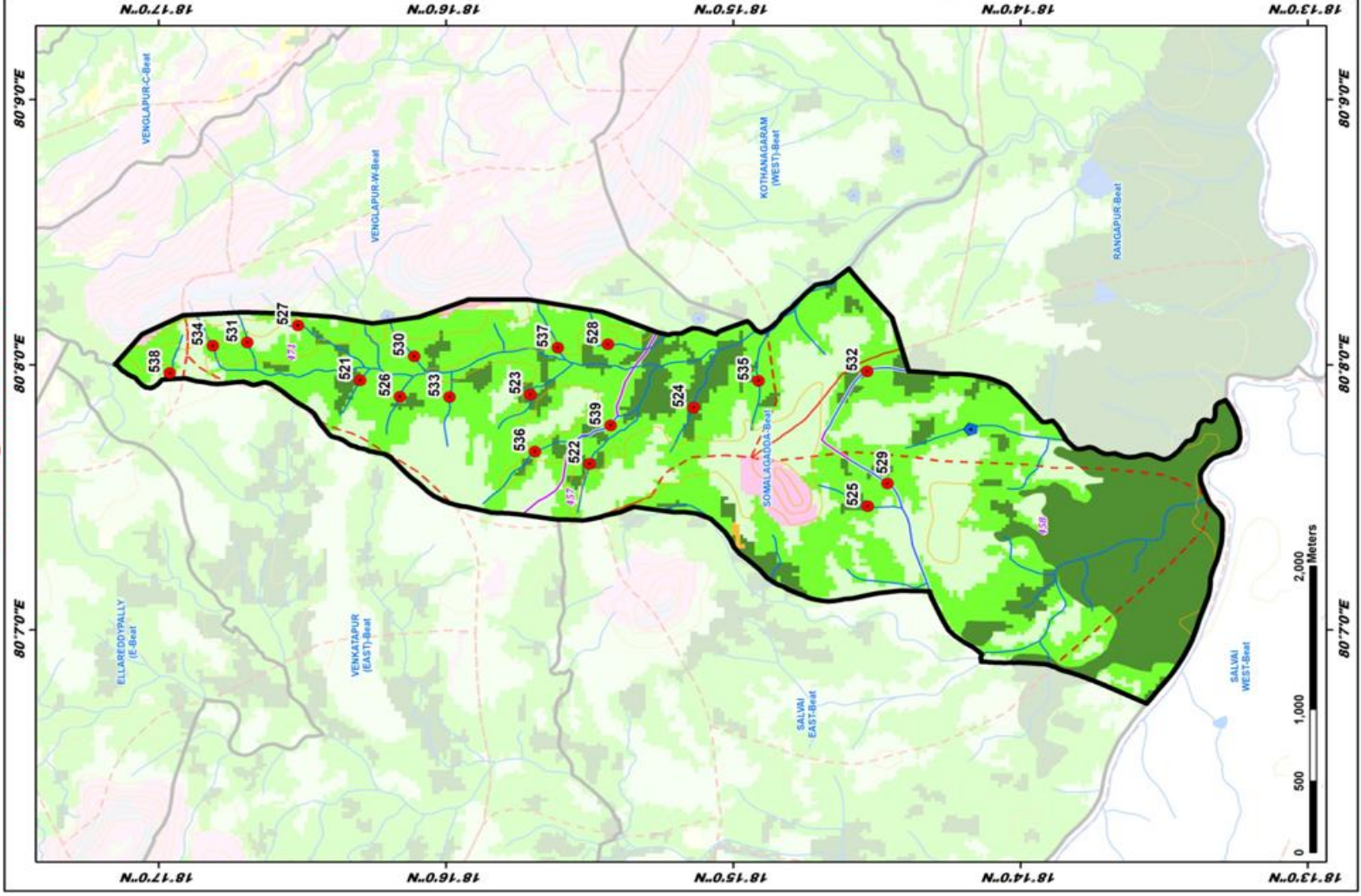
Suitability Index

- 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 Somalagadda Beat



Division : Mulugu
Range : Pasra



ID	Latitude	Longitude	Catchment Area_Ha	PRIORITY
521	18.271639	80.132371	8.96	I
522	18.258329	80.127126	21.67	I
523	18.261768	80.131490	12.67	I
524	18.252295	80.130664	16.17	I
525	18.242190	80.124464	12.38	II
526	18.269340	80.131353	17.21	II
527	18.275259	80.135836	13.18	II
528	18.257276	80.134645	8.84	II
529	18.241047	80.123893	18.46	II
530	18.268505	80.133883	17.36	II
531	18.278200	80.134764	10.65	II
532	18.242228	80.132942	18.53	II
533	18.266463	80.131322	11.56	II
534	18.280197	80.134552	7.98	II
535	18.248531	80.132345	20.22	II
536	18.261505	80.127901	36.98	III
537	18.260170	80.134434	31.73	III
538	18.282699	80.132835	11.83	IV
539	18.237106	80.129540	49.70	III

LEGEND

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

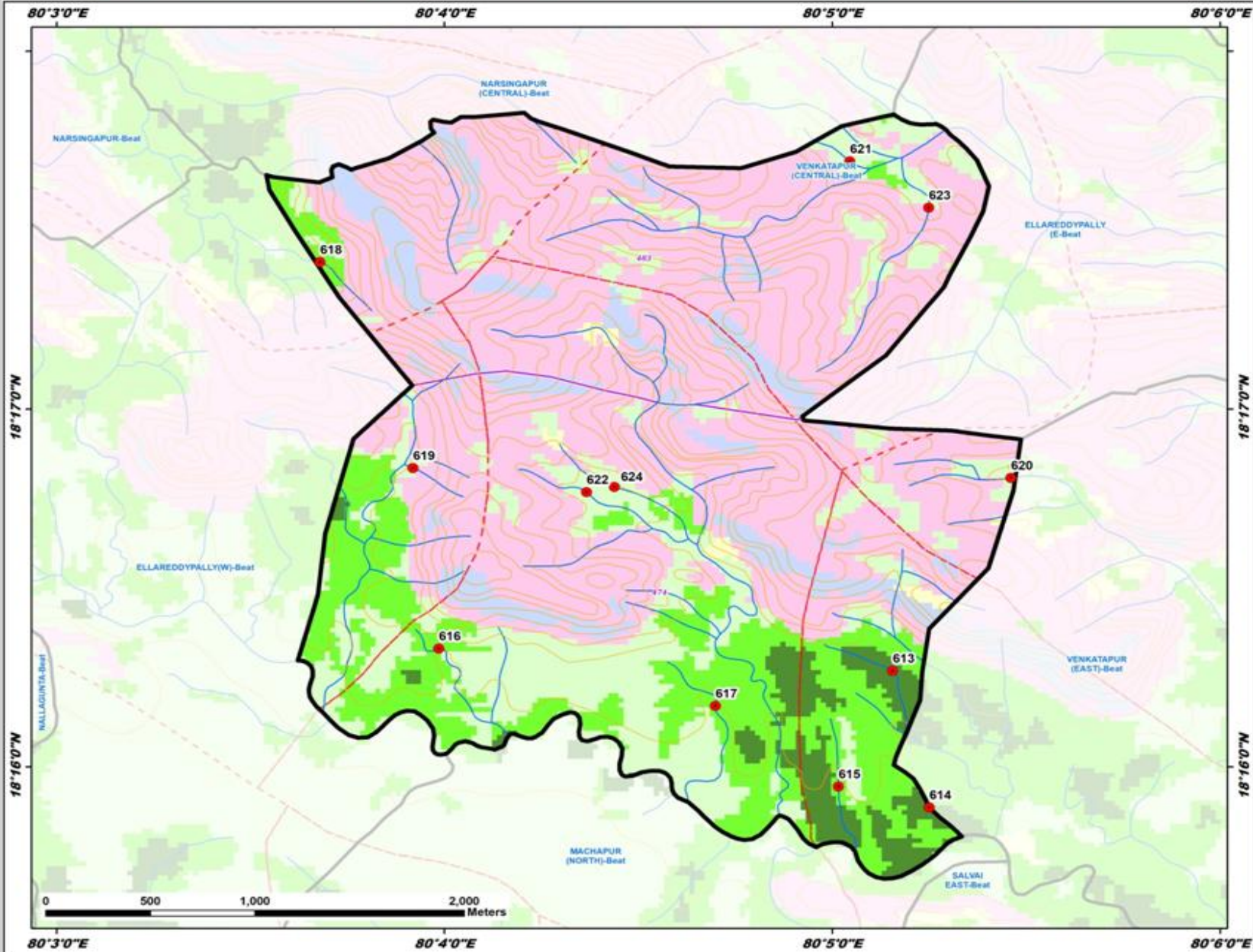
Suitability Index

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

Map Showing Suitability index for Construction of SMC Works of Venkatapur Central Beat



Division : Mulugu
Range : Pasra



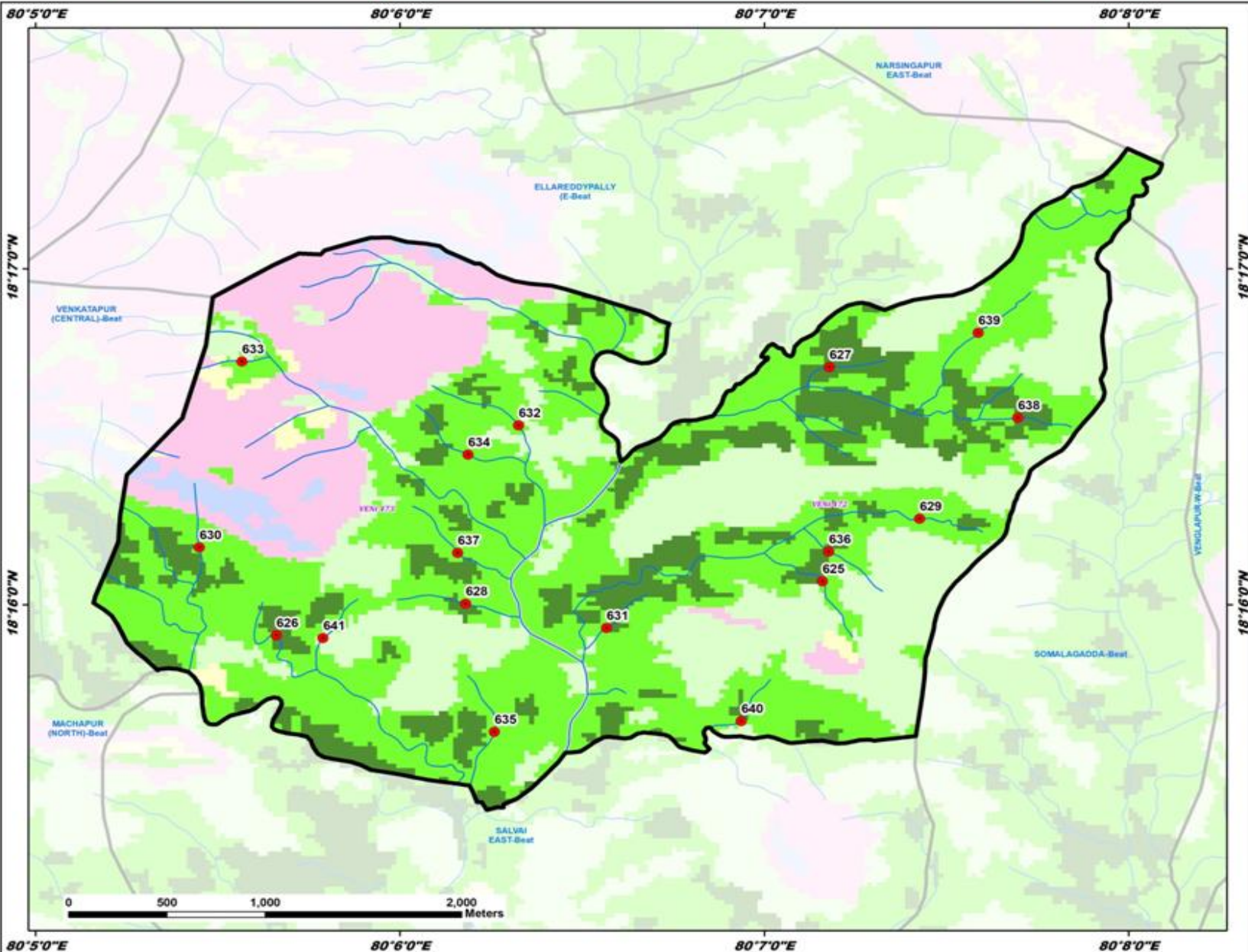
ID	Latitude	Longitude	Catchment Area_Ha	PRIORITY
613	18.271148	80.085932	7.01	I
614	18.264776	80.087506	8.78	I
615	18.265756	80.083603	10.59	II
616	18.272187	80.066422	10.67	II
617	18.269508	80.078319	13.77	II
618	18.290187	80.061320	23.91	II
619	18.280590	80.065322	4.54	IV
620	18.280134	80.091012	21.86	IV
621	18.294876	80.084091	9.65	IV
622	18.279473	80.072773	8.34	IV
623	18.292714	80.087490	42.40	V
624	18.279713	80.073978	26.30	V

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

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



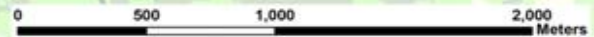
Division : Mulugu
Range : Pasra



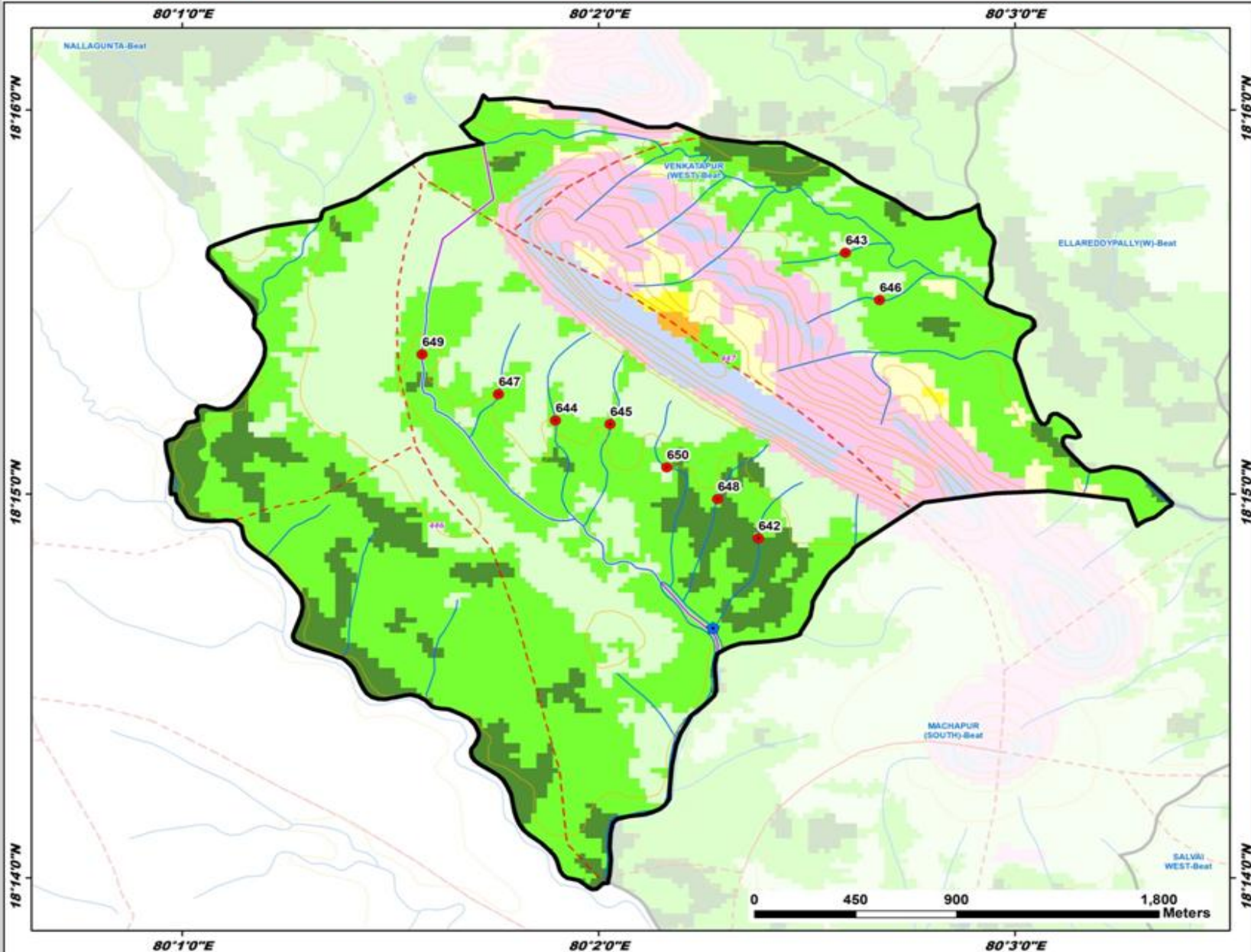
ID	Latitude	Longitude	Catchment Area_Ha	PRIORITY
625	18.267836	80.119329	11.08	I
626	18.265158	80.094342	21.65	I
627	18.278458	80.119656	11.45	I
628	18.266723	80.103013	13.65	I
629	18.270938	80.123777	18.09	II
630	18.269520	80.090821	9.91	II
631	18.265515	80.109450	9.16	II
632	18.275564	80.105429	22.87	II
633	18.278739	80.092778	12.78	II
634	18.274121	80.103118	14.90	II
635	18.260362	80.104328	22.71	II
636	18.269301	80.119629	16.64	II
637	18.269244	80.102645	24.15	II
638	18.275946	80.128275	12.46	II
639	18.280162	80.126464	34.69	III
640	18.260905	80.115617	25.03	III
641	18.265025	80.096485	15.16	IV

LEGEND

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



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



Division : Mulugu
Range : Pasra

ID	Latitude	Longitude	Catchment Area_Ha	PRIORITY
642	18.248074	80.039727	10.63	I
643	18.260480	80.043216	23.42	II
644	18.253197	80.031605	14.84	II
645	18.253032	80.033798	13.76	II
646	18.258416	80.044578	12.10	II
647	18.254332	80.029324	17.09	II
648	18.249781	80.038103	18.50	II
649	18.256060	80.026264	27.93	III
650	18.251159	80.036062	12.52	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