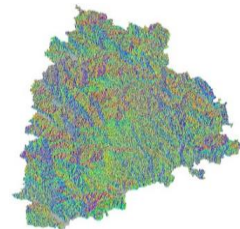
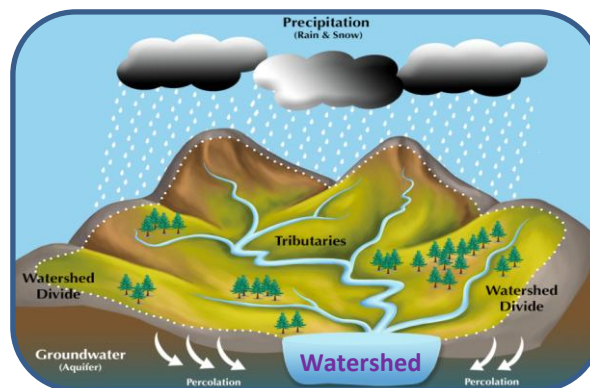


Government of Telangana – Forest Department



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

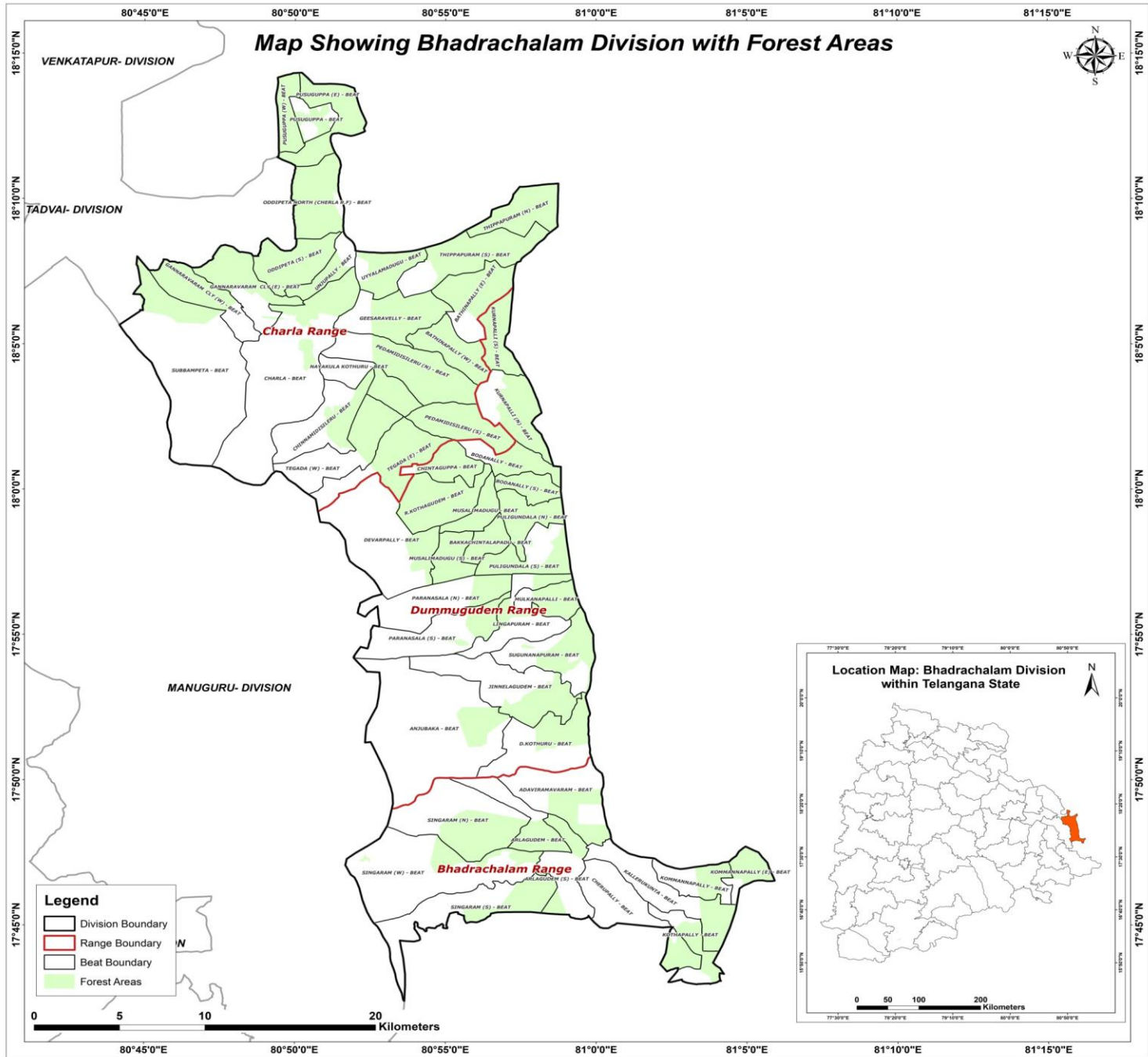


SITE SUITABILITY ANALYSIS FOR WATER HARVESTING STRUCTURES USING REMOTE SENSING & GIS

Circle: Bhadradri
District: Bhadradri Kothagudem
Division: Bhadrachalam

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

Map Showing Bhadrachalam Division with Forest Areas



METHODOLOGY

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

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



FLOW CHART FOR METHODOLOGY



Guidelines for building Percolation Tanks:

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



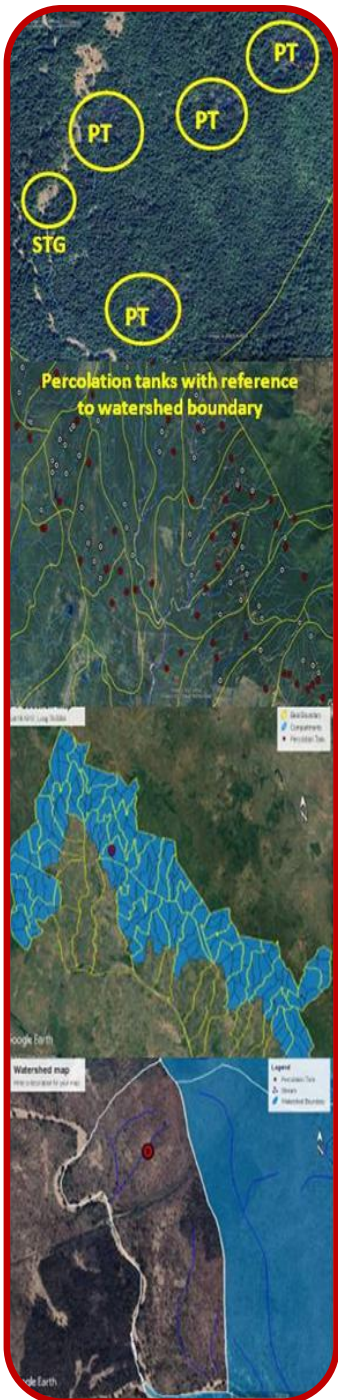
Suitability criteria for Check-Dams and Percolation Tanks (SITE SUITABILITY INDEX)

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

Suitability criteria for Continuous/Staggered contour trenches

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





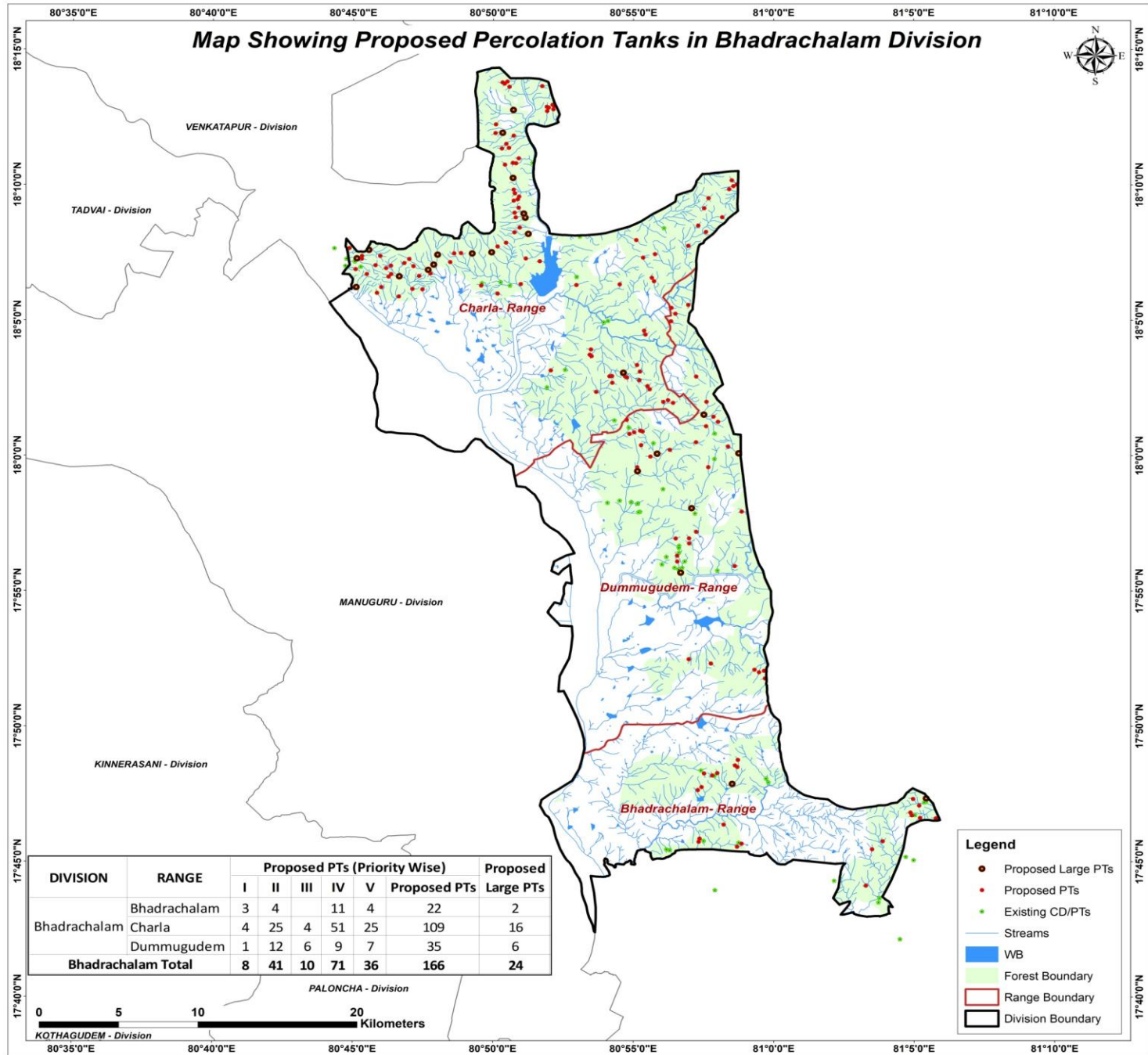
PRIORITY CLASSES FOR PERCOLATION TANK

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





Map Showing Proposed Percolation Tanks in Bhadrachalam Division

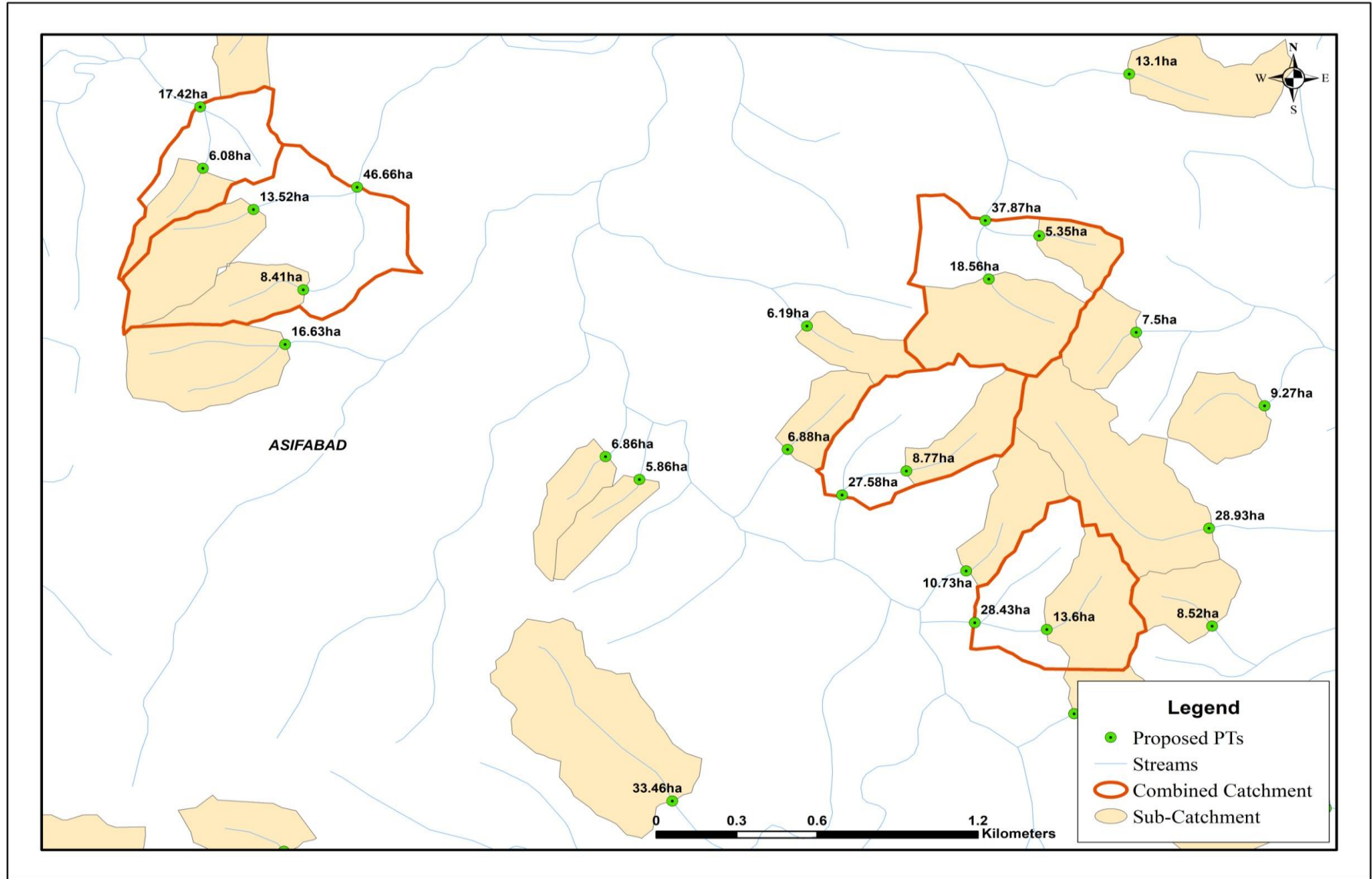


DIVISION	RANGE	Proposed PTs (Priority Wise)					Proposed Large PTs	
		I	II	III	IV	V		
Bhadrachalam	Bhadrachalam	3	4		11	4	22	2
	Charla	4	25	4	51	25	109	16
	Dummugudem	1	12	6	9	7	35	6
Bhadrachalam Total		8	41	10	71	36	166	24

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



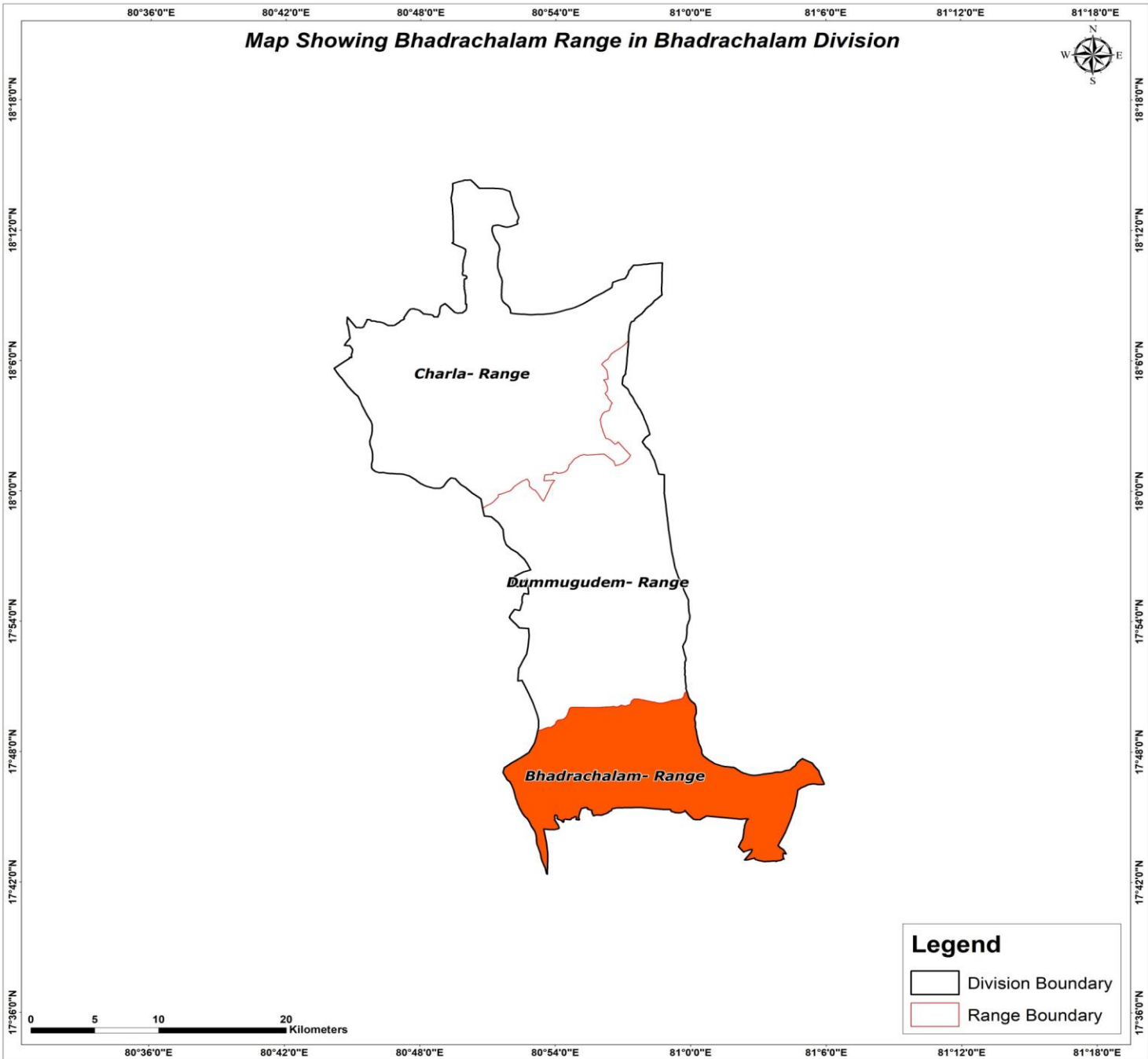
CATCHMENT AREA



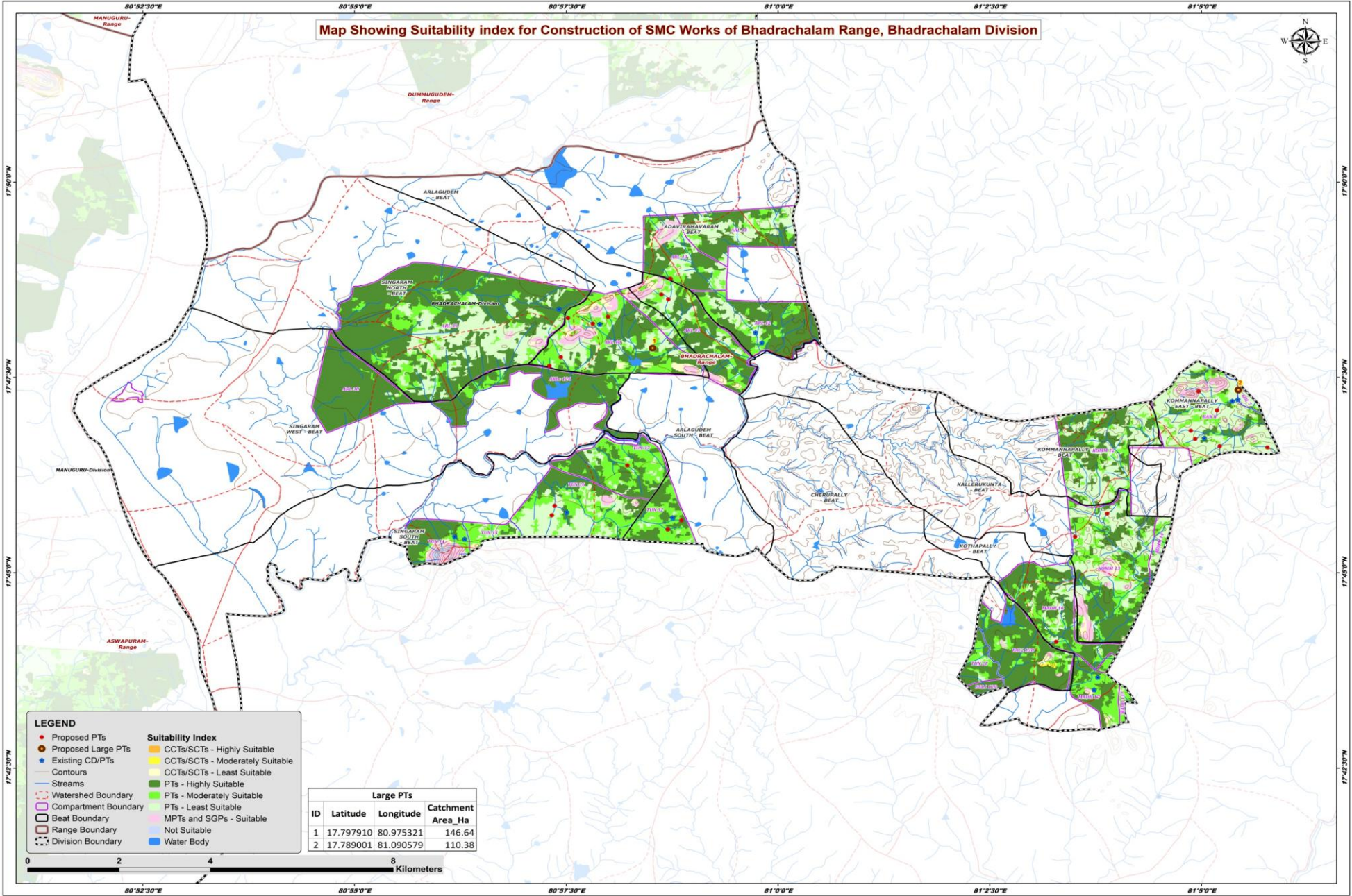
Sample Catchment Map



Map Showing Bhadrachalam Range in Bhadrachalam Division



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

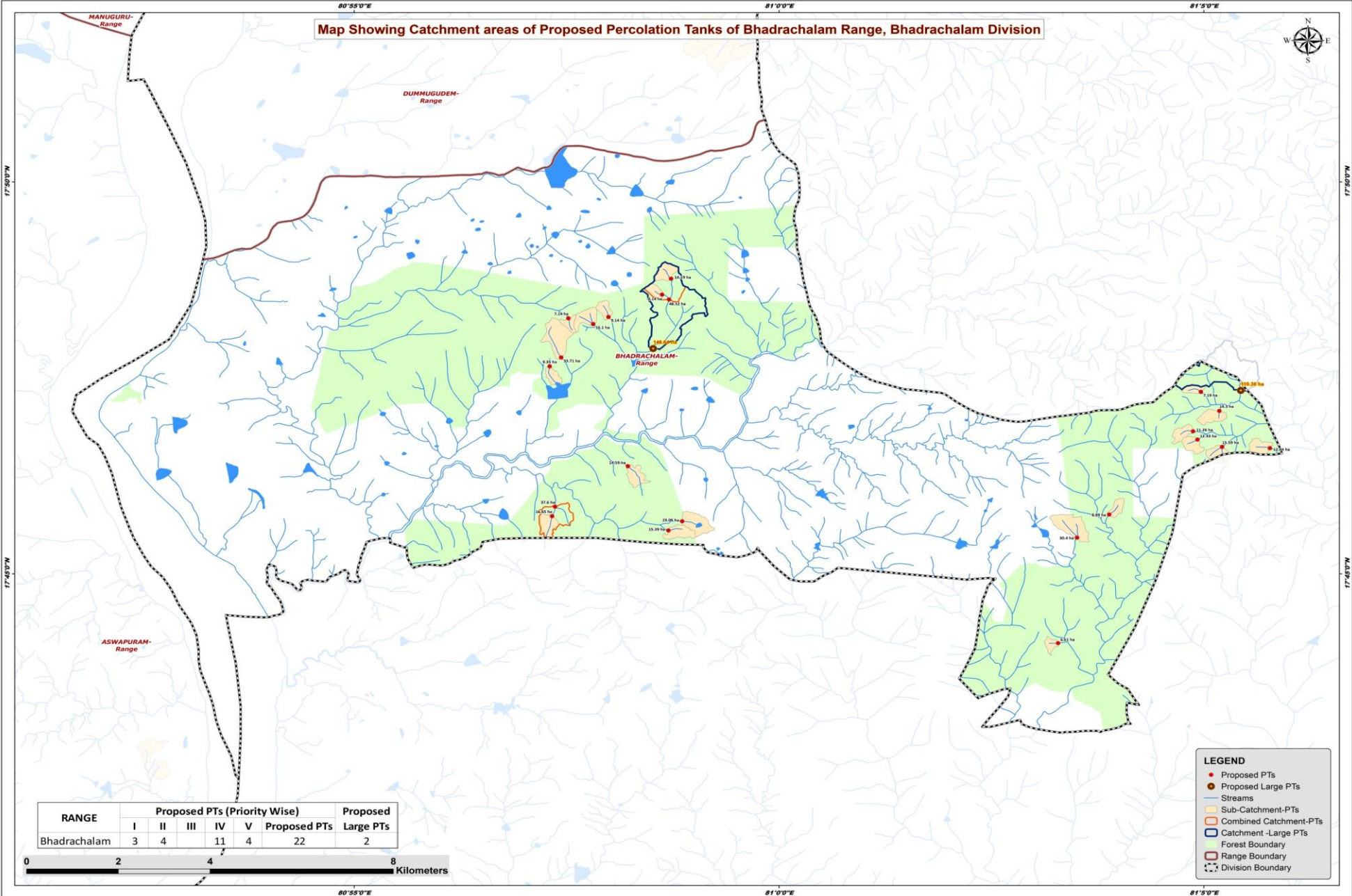


- LEGEND**
- Proposed PTs
 - Proposed Large PTs
 - Existing CD/PTs
 - Contours
 - Streams
 - Watershed Boundary
 - Compartment Boundary
 - Beat Boundary
 - Range Boundary
 - Division Boundary
- Suitability Index**
- CCTs/SCTs - Highly Suitable
 - CCTs/SCTs - Moderately Suitable
 - CCTs/SCTs - Least Suitable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

Large PTs			
ID	Latitude	Longitude	Catchment Area_Ha
1	17.797910	80.975321	146.64
2	17.789001	81.090579	110.38

0 2 4 8 Kilometers

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



RANGE	Proposed PTs (Priority Wise)					Proposed PTs	Proposed Large PTs
	I	II	III	IV	V		
Bhadrachalam	3	4		11	4	22	2



- 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 – Bhadrachalam Range

S. No.	Beat	Proposed PT's
1	ADAVIRAMAVARAM	1
2	ARLAGUDEM	5
3	ARLAGUDEM SOUTH	4
4	KALLERUKUNTA	2
5	KOMMANNAPALLY EAST	6
6	KOTHAPALLY	1
7	SINGARAM SOUTH	3
	Total	22

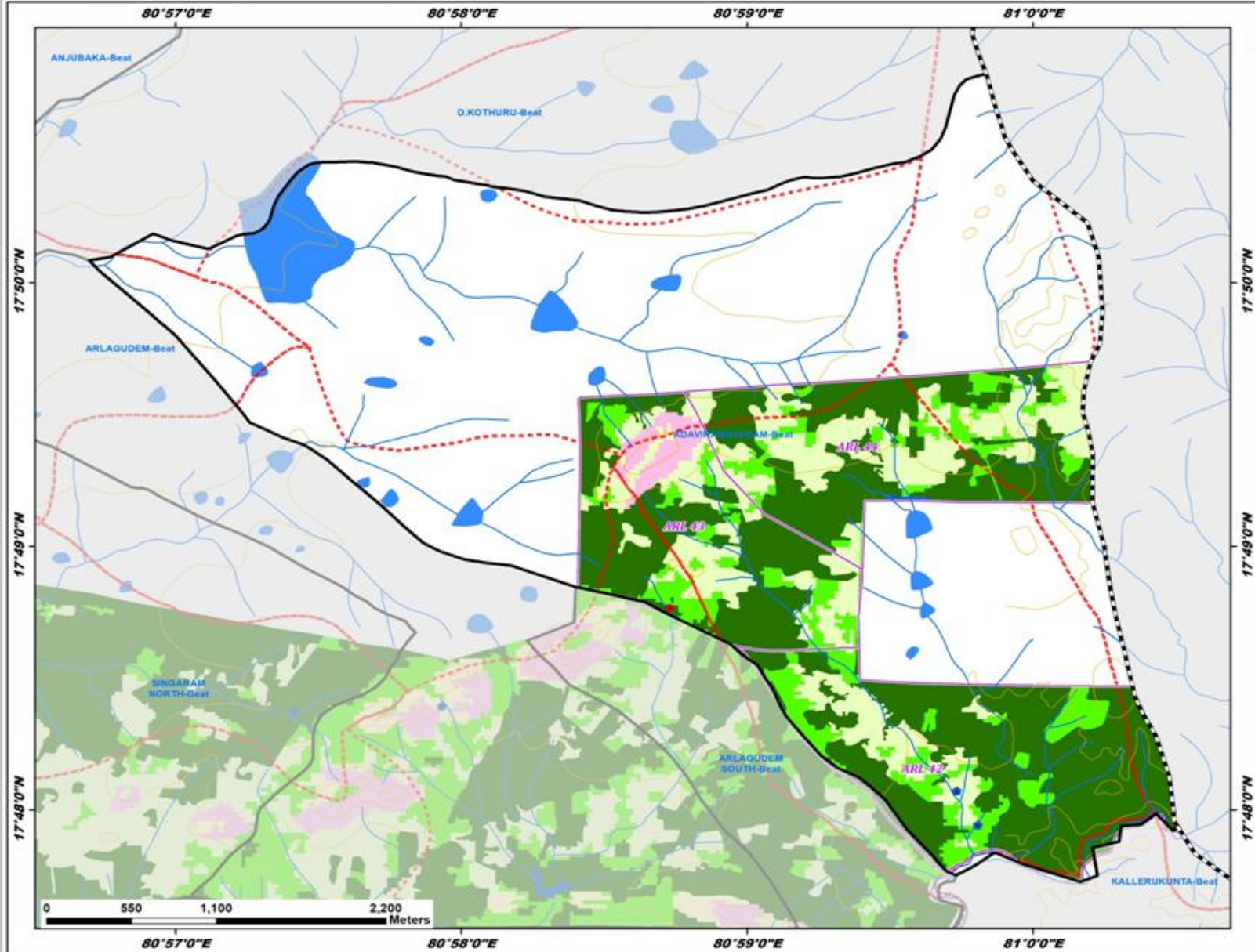
List of Proposed PTs – Bhadrachalam Range

ID	Latitude	Longitude	Catchment Area_Ha	Priority	RANGE	SECTION	BEAT
1	17.812760	80.978832	14.19	I	BHADRACHALAM	ARLAGUEDEM	ADAVIRAMAVARAM
2	17.804615	80.966560	9.14	II	BHADRACHALAM	ARLAGUEDEM	ARLAGUEDEM
3	17.803110	80.963557	16.10	IV	BHADRACHALAM	ARLAGUEDEM	ARLAGUEDEM
4	17.804346	80.958686	7.14	IV	BHADRACHALAM	ARLAGUEDEM	ARLAGUEDEM
5	17.794127	80.955024	9.35	IV	BHADRACHALAM	ARLAGUEDEM	ARLAGUEDEM
6	17.796009	80.957263	33.71	V	BHADRACHALAM	ARLAGUEDEM	ARLAGUEDEM
7	17.759243	80.978309	15.39	I	BHADRACHALAM	ARLAGUEDEM	ARLAGUEDEM SOUTH
8	17.761185	80.981015	23.06	I	BHADRACHALAM	ARLAGUEDEM	ARLAGUEDEM SOUTH
9	17.809372	80.977082	8.14	II	BHADRACHALAM	ARLAGUEDEM	ARLAGUEDEM SOUTH
10	17.808332	80.978437	48.52	V	BHADRACHALAM	ARLAGUEDEM	ARLAGUEDEM SOUTH
11	17.762612	81.064766	8.89	IV	BHADRACHALAM	BHADRACHALAM	KALLERUKUNTA
12	17.757709	81.058454	30.40	V	BHADRACHALAM	BHADRACHALAM	KALLERUKUNTA
13	17.788702	81.082757	7.19	IV	BHADRACHALAM	BHADRACHALAM	KOMMANNAPALLY EAST
14	17.776737	81.096310	12.84	IV	BHADRACHALAM	BHADRACHALAM	KOMMANNAPALLY EAST
15	17.776992	81.086920	15.59	IV	BHADRACHALAM	BHADRACHALAM	KOMMANNAPALLY EAST
16	17.784642	81.086362	14.30	IV	BHADRACHALAM	BHADRACHALAM	KOMMANNAPALLY EAST
17	17.778552	81.082101	12.33	IV	BHADRACHALAM	BHADRACHALAM	KOMMANNAPALLY EAST
18	17.780327	81.081216	11.26	IV	BHADRACHALAM	BHADRACHALAM	KOMMANNAPALLY EAST
19	17.735273	81.054753	6.61	IV	BHADRACHALAM	BHADRACHALAM	KOTHAPALLY
20	17.762273	80.955494	16.65	II	BHADRACHALAM	SINGARAM	SINGARAM SOUTH
21	17.772888	80.970375	14.59	II	BHADRACHALAM	SINGARAM	SINGARAM SOUTH
22	17.764271	80.956054	37.60	V	BHADRACHALAM	SINGARAM	SINGARAM SOUTH

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



Division : Bhadrachalam
Range : Bhadrachalam



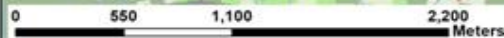
ID	Latitude	Longitude	Catchment Area_Ha	Priority
1	17.812760	80.978832	14.19	1

Legend

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

Suitability Index

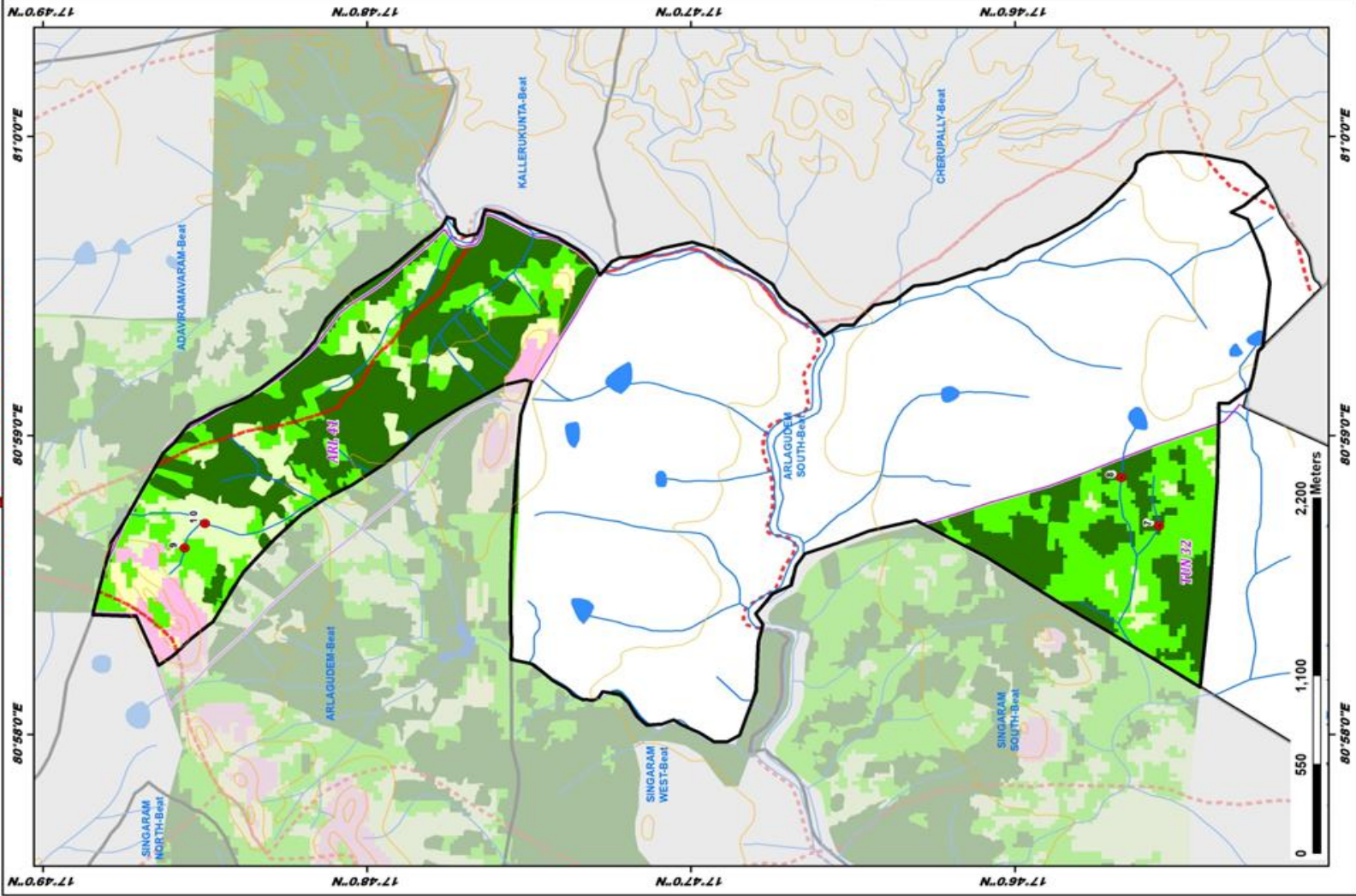
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body



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



Division : Bhadrachalam
Range : Bhadrachalam



ID	Latitude	Longitude	Catchment Area_Ha	Priority
7	17.759243	80.978309	15.39	I
8	17.761185	80.981015	23.06	I
9	17.809372	80.977082	8.14	II
10	17.808332	80.979437	48.52	V

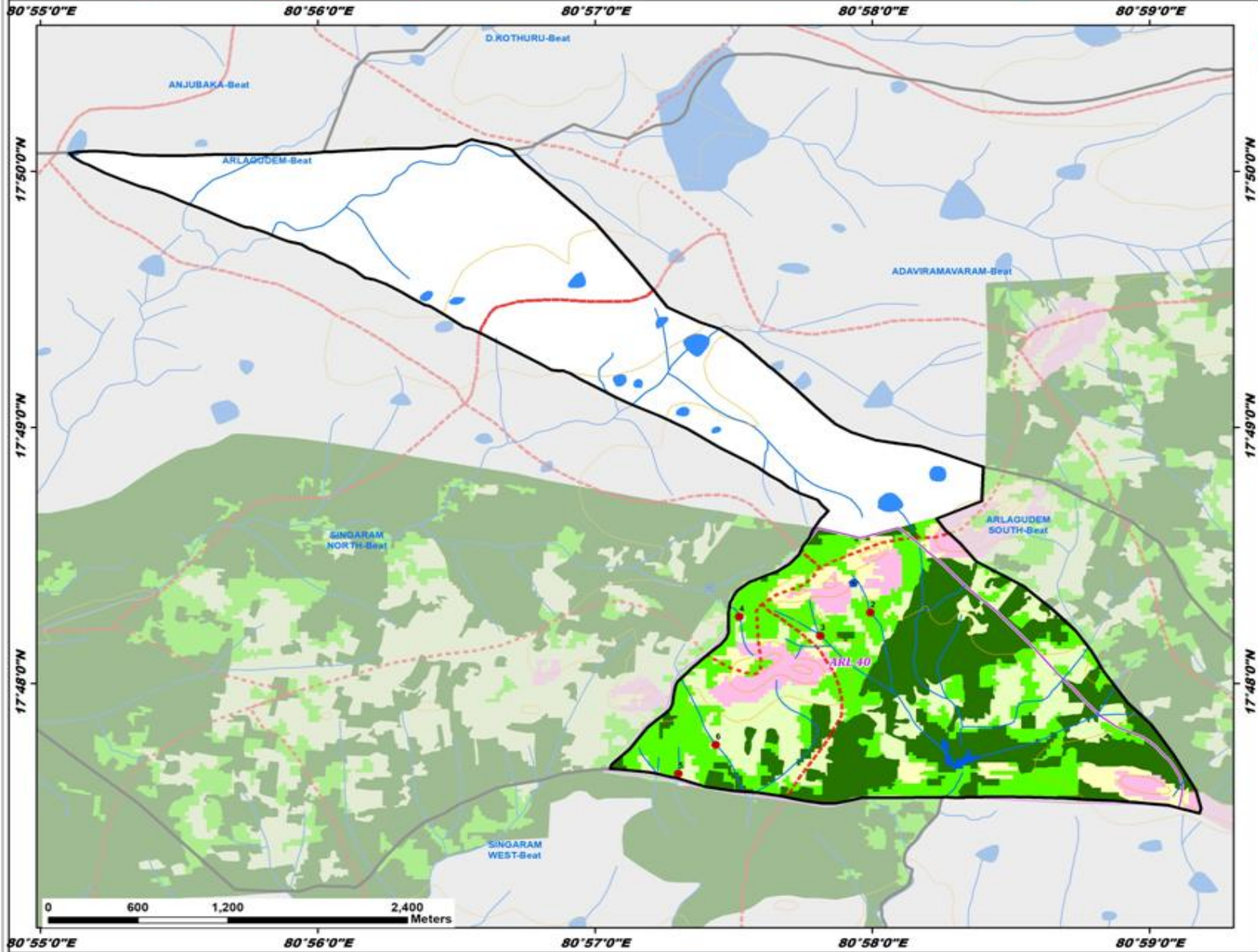
LEGEND

- Proposed_PTs (Red dot)
 - Existing CD/PTs (Blue dot)
 - Contours (Yellow line)
 - Streams (Blue line)
 - Watershed Boundary (Red dashed line)
 - Compartment Boundary (Black solid line)
 - Beat Boundary (Black dashed line)
 - Division Boundary (Black solid 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 (Pink)
 - MPTs and SGP's - Suitable (Light Blue)
 - Not Suitable (White)
 - Water Body (Blue)

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



Division : Bhadrachalam
Range : Bhadrachalam



ID	Latitude	Longitude	Catchment Area_Ha	Priority
2	17.804615	80.966560	9.14	II
3	17.803110	80.963557	16.10	IV
4	17.804346	80.958686	7.14	IV
5	17.794127	80.955024	9.35	IV
6	17.796009	80.957263	33.71	V

Legend

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

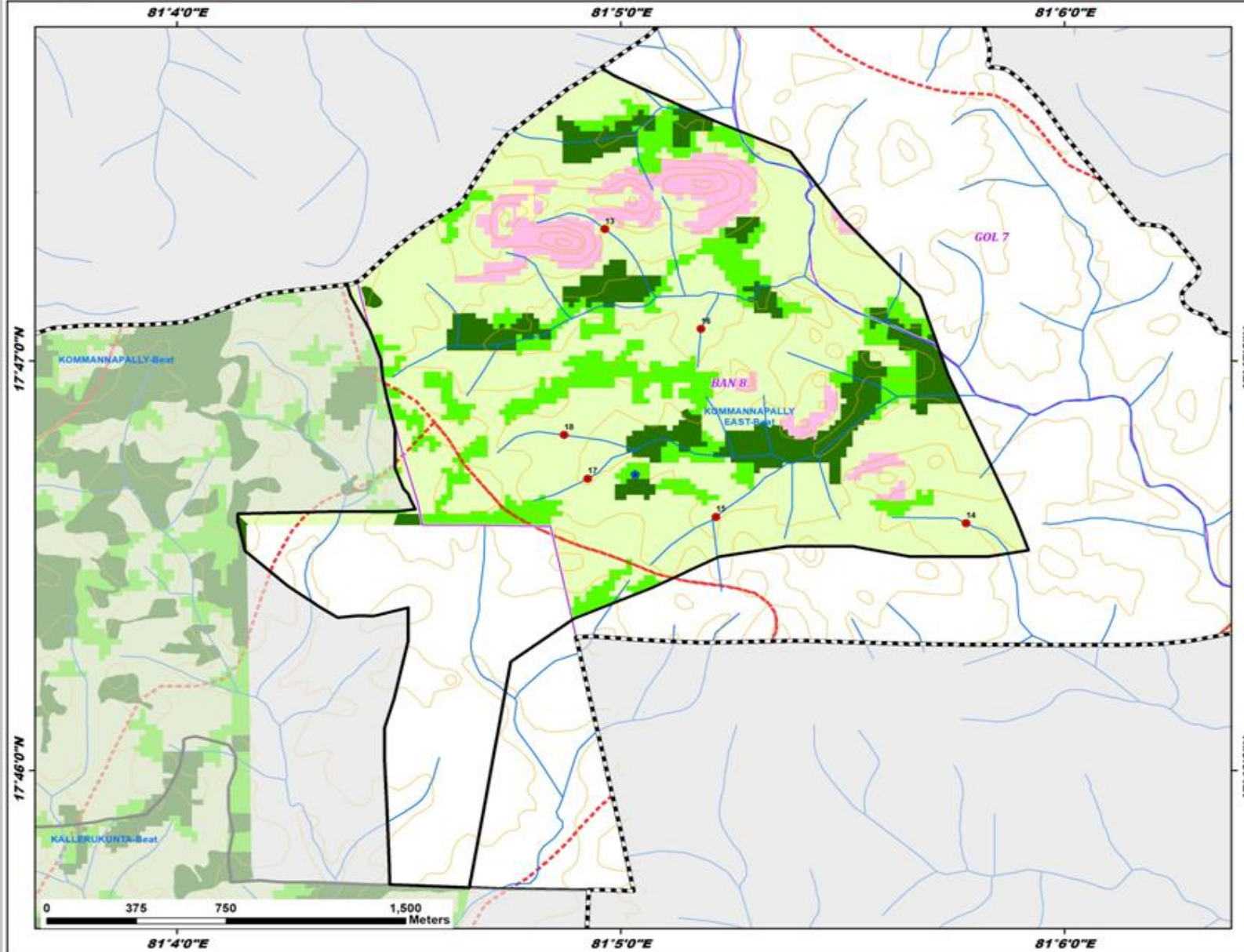
Suitability Index

- 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 Kommannapally East Beat



Division : Bhadrachalam
Range : Bhadrachalam



ID	Latitude	Longitude	Catchment Area_Ha	Priority
13	17.788702	81.082757	7.19	IV
14	17.776737	81.096310	12.84	IV
15	17.776992	81.086920	15.59	IV
16	17.784642	81.086362	14.30	IV
17	17.778552	81.082101	12.33	IV
18	17.780327	81.081216	11.26	IV

Legend

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

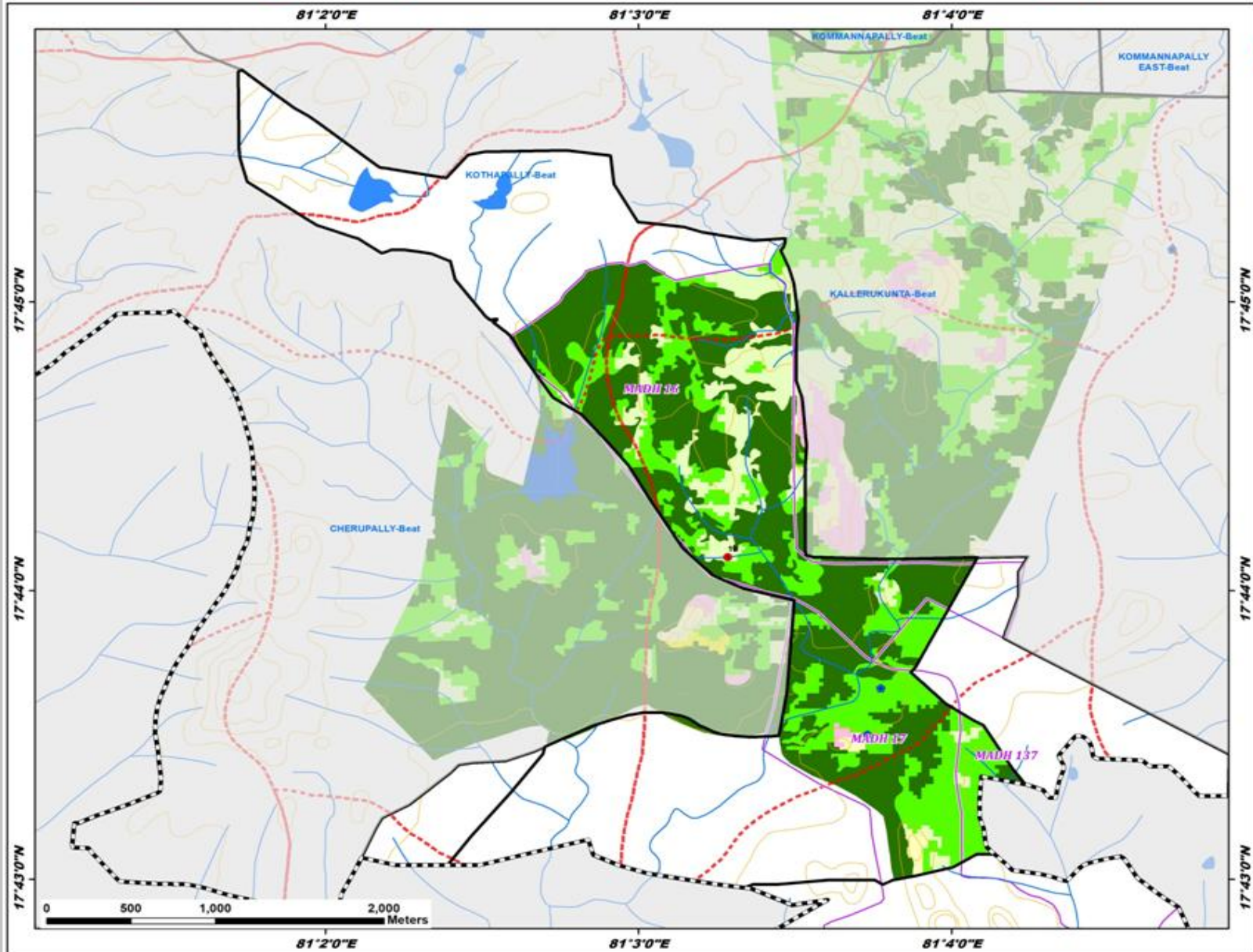
Suitability Index

- 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 Kothapally Beat



Division : Bhadrachalam
Range : Bhadrachalam



ID	Latitude	Longitude	Catchment Area_Ha	Priority
19	17.735273	81.054753	6.61	IV

Legend

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

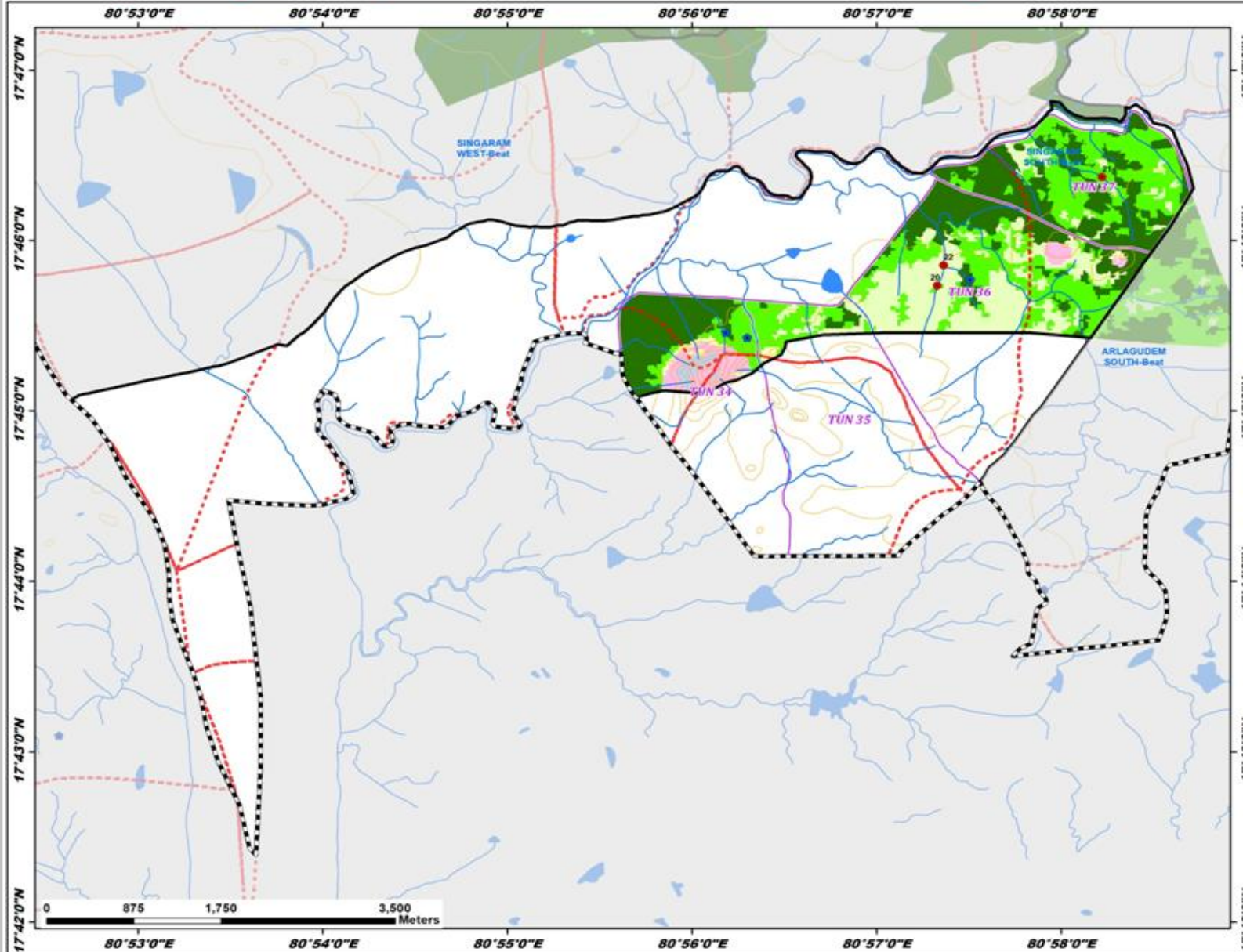
Suitability Index

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

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



Division : Bhadrachalam
Range : Bhadrachalam



ID	Latitude	Longitude	Catchment Area_Ha	Priority
20	17.762273	80.955494	16.65	II
21	17.772888	80.970375	14.99	II
22	17.764271	80.956054	37.60	V

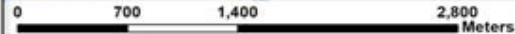
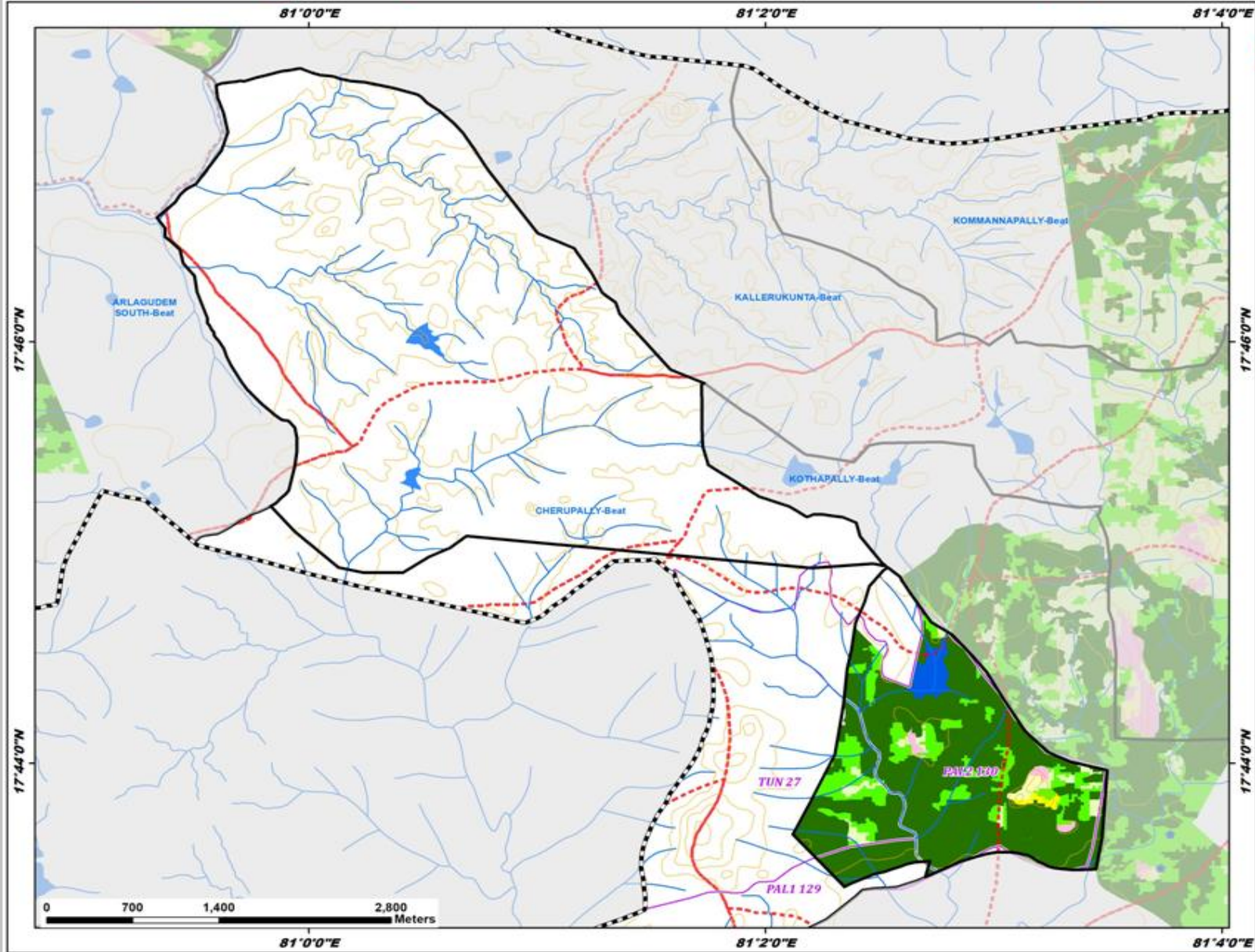
Legend

- 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 Cherupally Beat



Division : Bhadrachalam
Range : Bhadrachalam



Legend

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

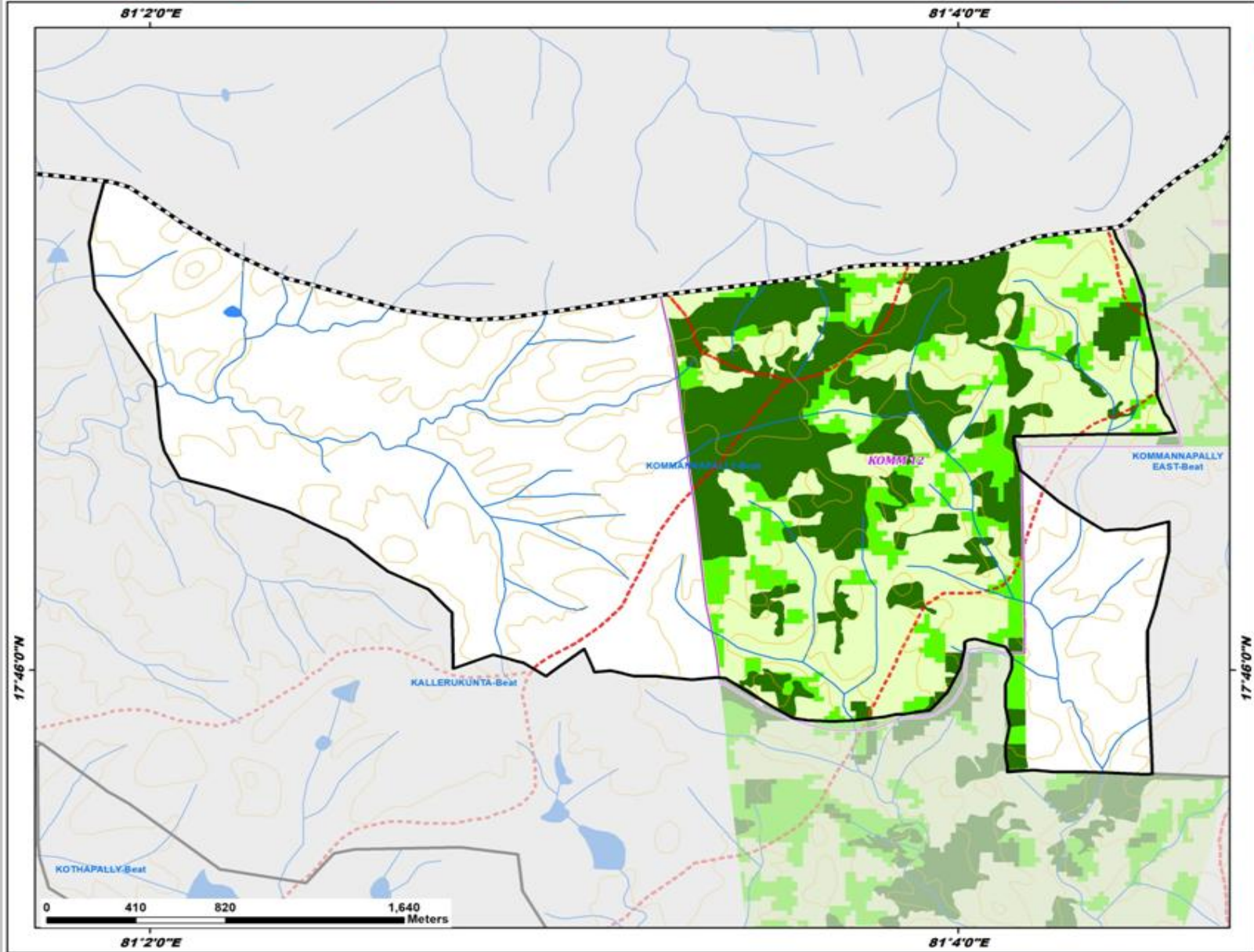
Suitability Index

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

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



Division : Bhadrachalam
Range : Bhadrachalam



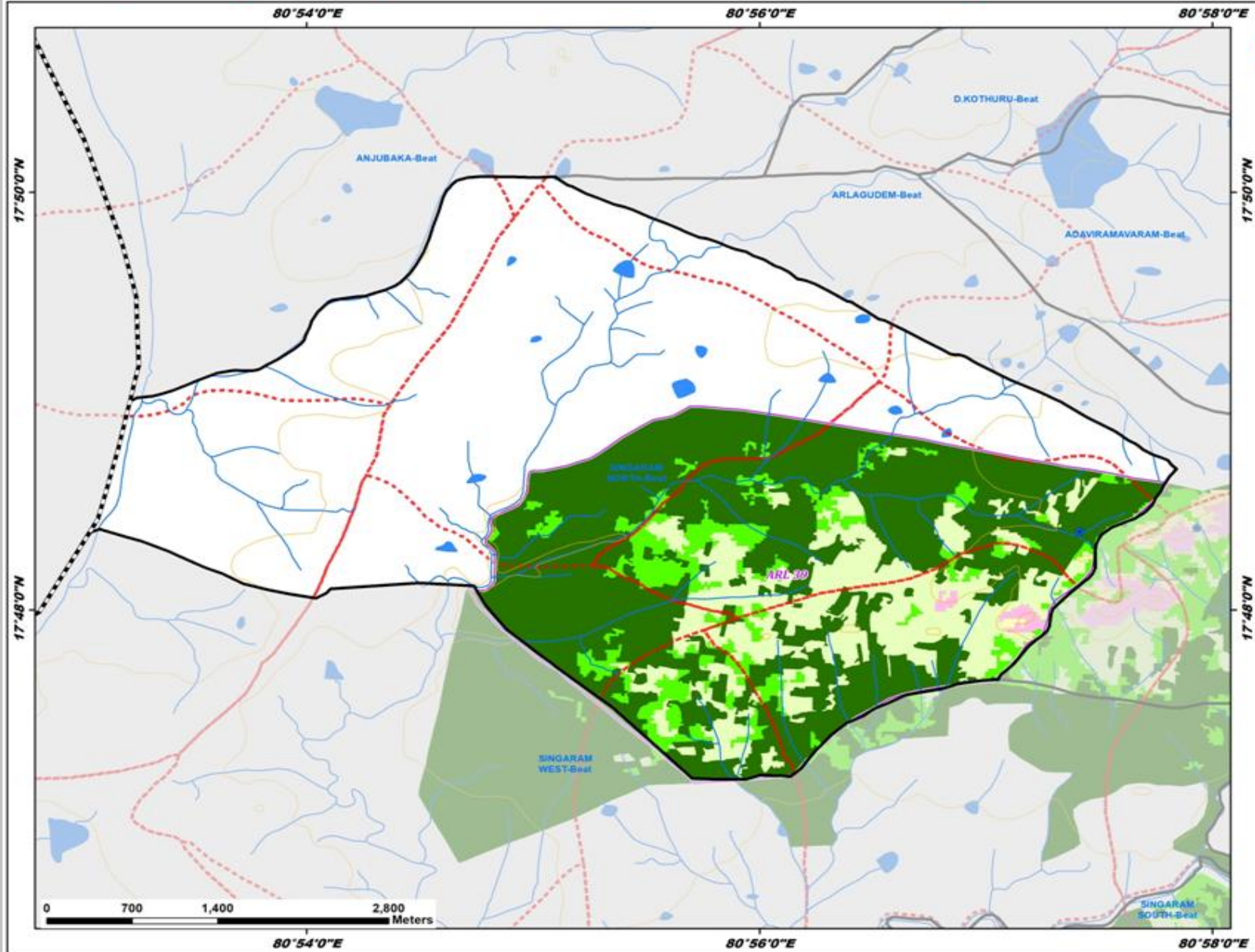
Legend

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

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



Division : Bhadrachalam
Range : Bhadrachalam



Legend

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

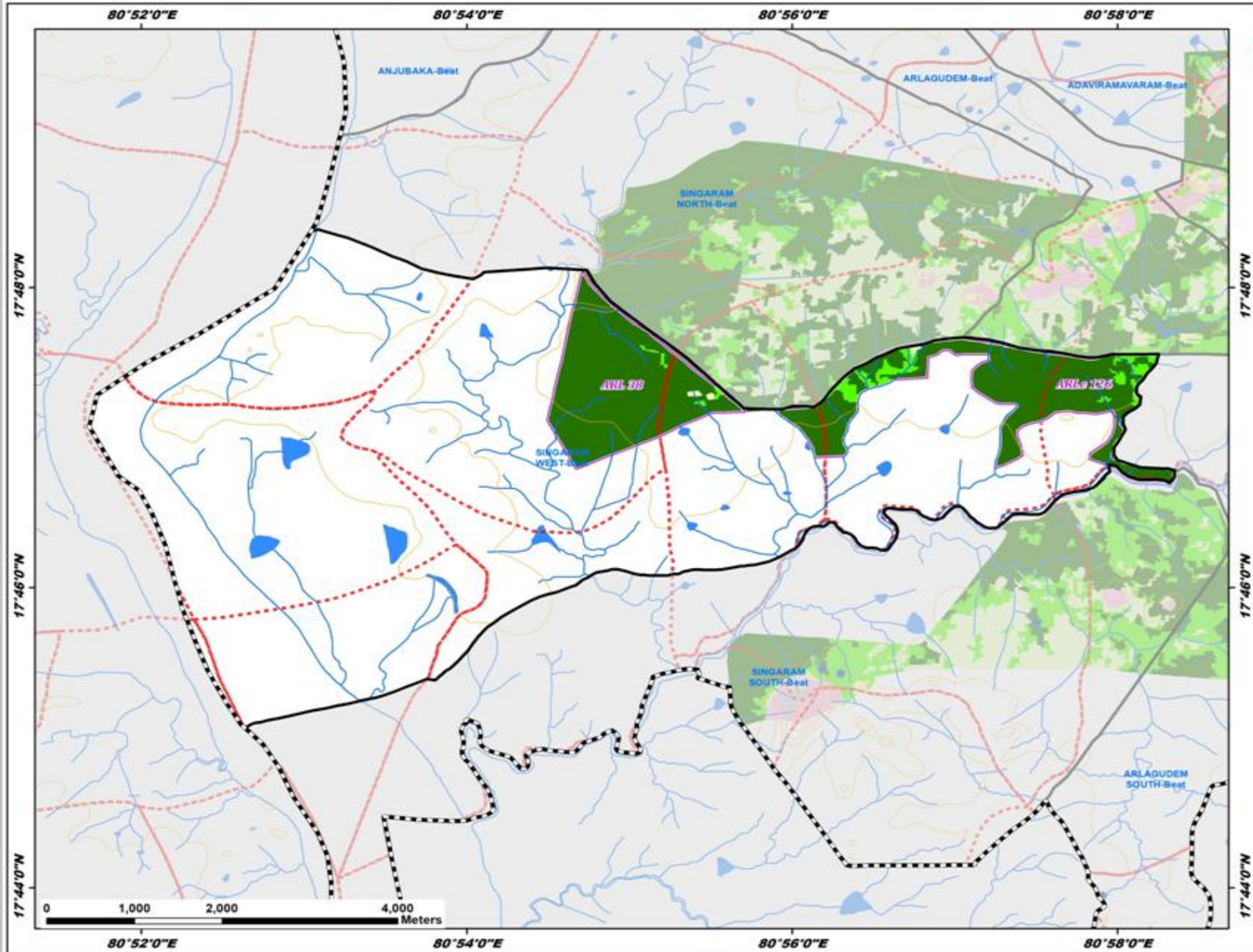
Suitability Index

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

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



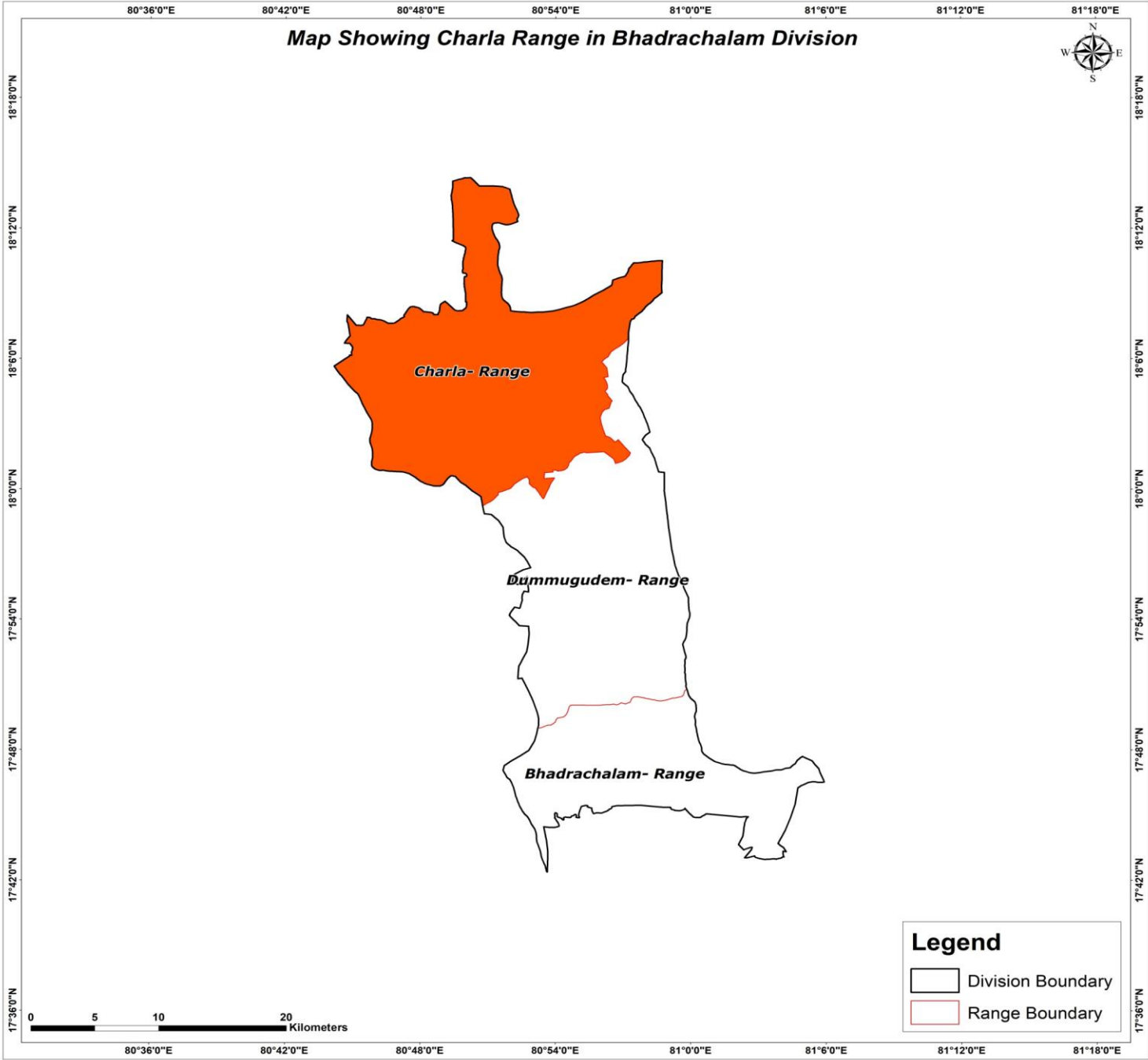
Division : Bhadrachalam
Range : Bhadrachalam



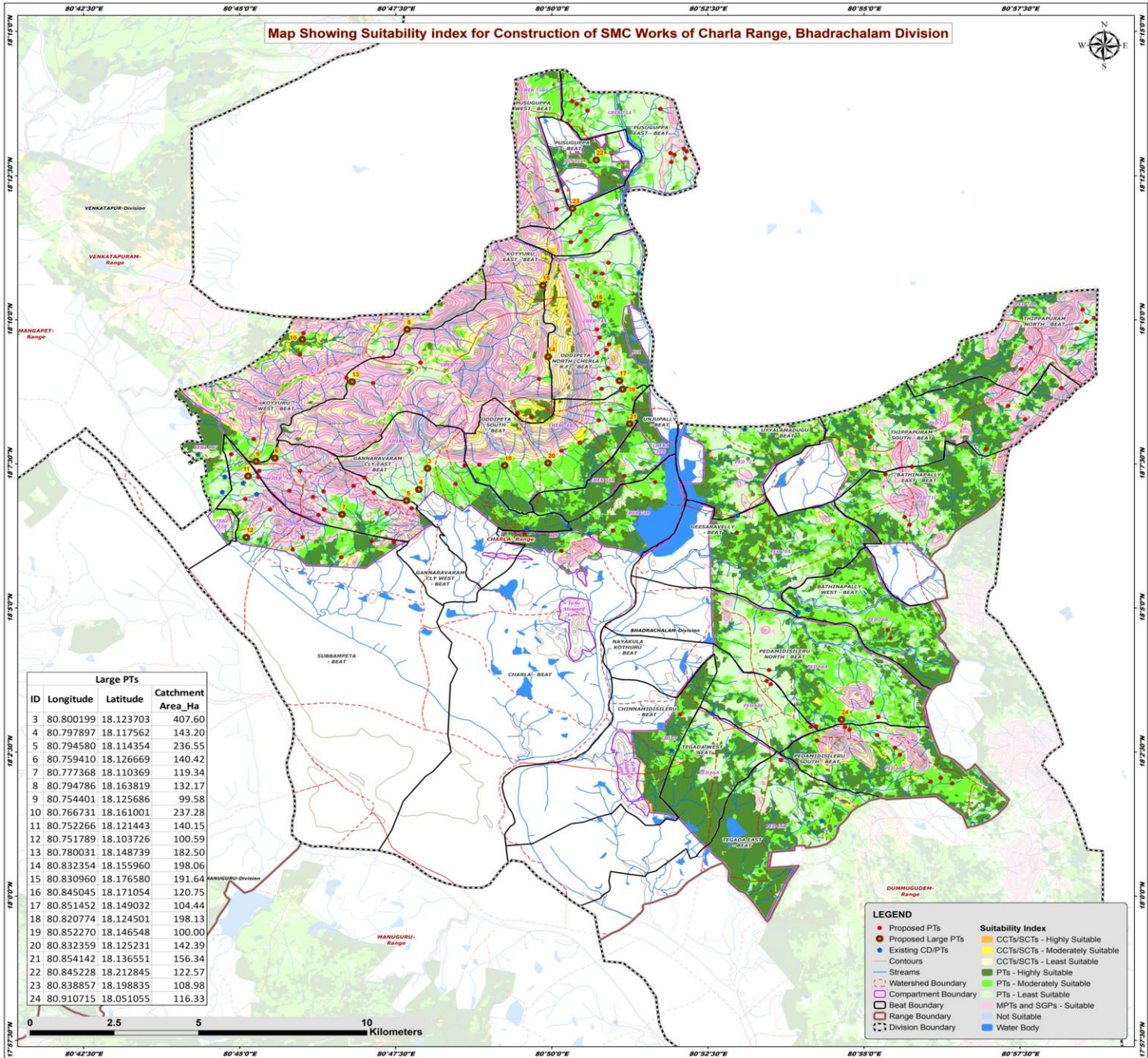
Legend

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

Map Showing Charla Range in Bhadrachalam Division



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



Large PTs			
ID	Longitude	Latitude	Catchment Area_Ha
3	80.800199	18.123703	407.60
4	80.797897	18.117562	143.20
5	80.794580	18.114354	236.55
6	80.759410	18.126669	140.42
7	80.777368	18.110369	119.34
8	80.794786	18.163819	132.17
9	80.754401	18.125686	99.58
10	80.766731	18.161001	237.28
11	80.752266	18.121443	140.15
12	80.751789	18.103726	100.59
13	80.780031	18.148739	182.50
14	80.832354	18.155960	198.06
15	80.830960	18.176580	191.64
16	80.845045	18.171054	120.75
17	80.851452	18.149032	104.44
18	80.820774	18.124501	198.13
19	80.852270	18.146548	100.00
20	80.832359	18.125231	142.39
21	80.854142	18.136551	156.34
22	80.845228	18.212845	122.57
23	80.838857	18.198835	108.98
24	80.910715	18.051055	116.33

LEGEND

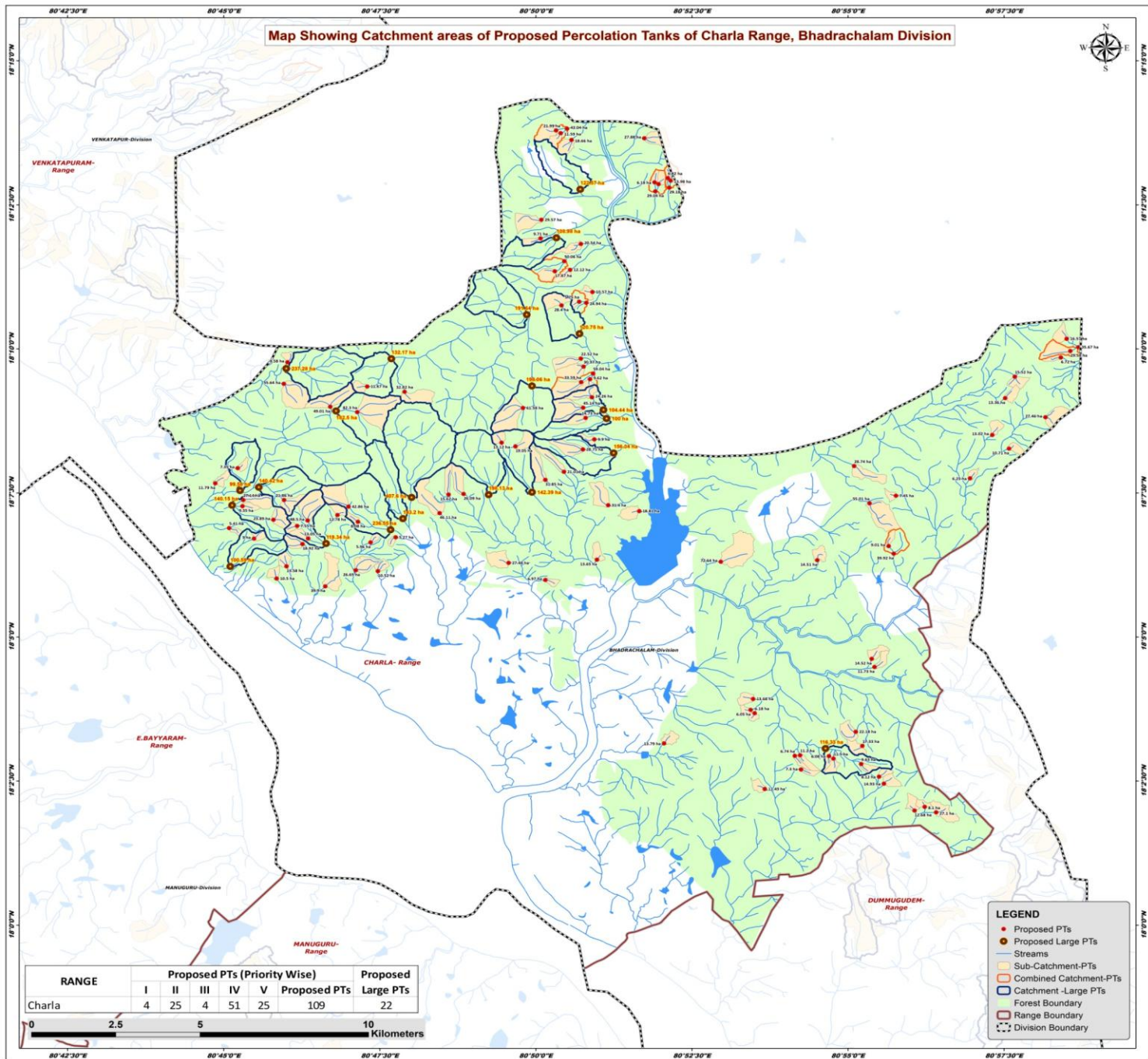
- Proposed PTs
- Proposed Large PTs
- Existing CD/PTs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat Boundary
- Range Boundary
- Division Boundary

Suitability Index

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

0 2.5 5 10 Kilometers

Map Showing Catchment areas of Proposed Percolation Tanks of Charla Range, Bhadrachalam Division



Beat wise Abstract of Proposed PT's – Charla Range

S. No.	Beat	Proposed PT's
1	BATHINAPALLY EAST	4
2	BATHINAPALLY WEST	2
3	CHARLA	4
4	CHINNAMIDISILERU	1
5	GANNARAVARAM CLY EAST	3
6	GANNARAVARAM CLY WEST	11
7	GEESARAVELLY	2
8	KOYYURU EAST	6
9	KOYYURU WEST	4
10	NAYAKULA KOTHURU	3
11	ODDIPETA NORTH (CHERLA R.F)	12
12	ODDIPETA SOUTH	5
13	PEDAMIDISILERU NORTH	4
14	PEDAMIDISILERU SOUTH	9
15	PUSUGUPPA EAST	15
16	PUSUGUPPA WEST	2
17	SUBBAMPETA	9
18	TEGADA EAST	1
19	THIPPAPURAM NORTH	6
20	THIPPAPURAM SOUTH	5
21	UNJUPALLY	1
	Total	109

List of Proposed PTs – Charla Range

ID	Latitude	Longitude	Catchment Area_Ha	Priority	RANGE	SECTION	BEAT
23	18.099825	80.835923	6.97	II	CHARLA	CHARLA	CHARLA
24	18.119744	80.860983	18.81	II	CHARLA	CHARLA	CHARLA
25	18.105687	80.849682	13.65	II	CHARLA	CHARLA	CHARLA
26	18.104757	80.826123	27.48	III	CHARLA	CHARLA	CHARLA
27	18.124534	80.810073	15.62	II	CHARLA	CHARLA	GANNARAVARAM CLY EAST
28	18.119170	80.807679	46.11	V	CHARLA	CHARLA	GANNARAVARAM CLY EAST
29	18.121039	80.783348	42.86	V	CHARLA	CHARLA	GANNARAVARAM CLY EAST
30	18.112158	80.795949	5.27	IV	CHARLA	CHARLA	GANNARAVARAM CLY WEST
31	18.110686	80.789260	5.96	IV	CHARLA	CHARLA	GANNARAVARAM CLY WEST
32	18.117225	80.763323	23.89	IV	CHARLA	CHARLA	GANNARAVARAM CLY WEST
33	18.115438	80.769646	7.55	IV	CHARLA	CHARLA	GANNARAVARAM CLY WEST
34	18.116664	80.785886	8.08	IV	CHARLA	CHARLA	GANNARAVARAM CLY WEST
35	18.111814	80.772603	13.05	IV	CHARLA	CHARLA	GANNARAVARAM CLY WEST
36	18.118590	80.780404	12.78	IV	CHARLA	CHARLA	GANNARAVARAM CLY WEST
37	18.110226	80.771092	18.92	IV	CHARLA	CHARLA	GANNARAVARAM CLY WEST
38	18.122948	80.766164	21.86	IV	CHARLA	CHARLA	GANNARAVARAM CLY WEST
39	18.117019	80.772445	48.50	V	CHARLA	CHARLA	GANNARAVARAM CLY WEST
40	18.122960	80.755269	27.14	V	CHARLA	CHARLA	GANNARAVARAM CLY WEST
41	18.162797	80.767068	8.58	II	CHARLA	CHARLA	KOYYURU WEST
42	18.132171	80.753799	7.35	II	CHARLA	CHARLA	KOYYURU WEST
43	18.156576	80.766071	55.64	IV	CHARLA	CHARLA	KOYYURU WEST
44	18.149911	80.778485	49.01	V	CHARLA	CHARLA	KOYYURU WEST
45	18.102373	80.791209	10.52	II	CHARLA	CHARLA	SUBBAMPETA
46	18.102631	80.785308	26.65	II	CHARLA	CHARLA	SUBBAMPETA
47	18.114849	80.751495	5.41	IV	CHARLA	CHARLA	SUBBAMPETA
48	18.111801	80.758138	9.00	IV	CHARLA	CHARLA	SUBBAMPETA
49	18.100237	80.764158	10.50	IV	CHARLA	CHARLA	SUBBAMPETA
50	18.121184	80.755041	9.35	IV	CHARLA	CHARLA	SUBBAMPETA
51	18.103765	80.766801	13.58	IV	CHARLA	CHARLA	SUBBAMPETA
52	18.127800	80.747804	11.79	IV	CHARLA	CHARLA	SUBBAMPETA
53	18.097993	80.777159	39.90	V	CHARLA	CHARLA	SUBBAMPETA
54	18.121444	80.852706	31.40	III	CHARLA	CHARLA	UNJUPALLY
55	18.139526	80.824216	13.12	I	CHARLA	ODDIPETA	KOYYURU EAST
56	18.138461	80.827935	19.05	I	CHARLA	ODDIPETA	KOYYURU EAST
57	18.155794	80.788352	11.67	IV	CHARLA	ODDIPETA	KOYYURU EAST
58	18.148367	80.785673	82.30	IV	CHARLA	ODDIPETA	KOYYURU EAST
59	18.149566	80.829966	61.58	IV	CHARLA	ODDIPETA	KOYYURU EAST

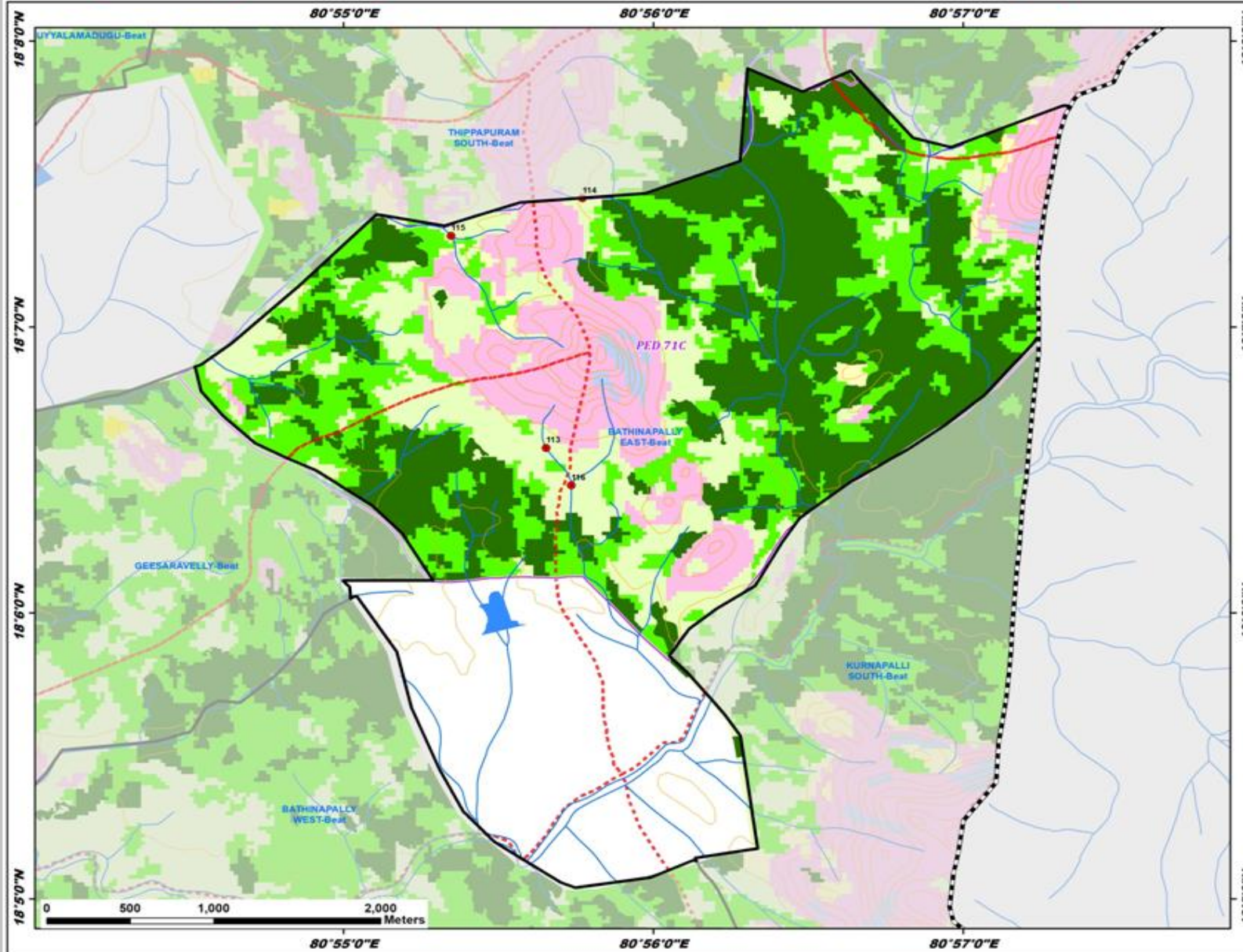
ID	Latitude	Longitude	Catchment Area_Ha	Priority	RANGE	SECTION	BEAT
60	18.154269	80.798336	32.82	V	CHARLA	ODDIPETA	KOYYURU EAST
61	18.180308	80.844947	5.75	II	CHARLA	ODDIPETA	ODDIPETA NORTH (CHERLA R.F)
62	18.161531	80.846133	30.97	III	CHARLA	ODDIPETA	ODDIPETA NORTH (CHERLA R.F)
63	18.146702	80.846664	14.73	IV	CHARLA	ODDIPETA	ODDIPETA NORTH (CHERLA R.F)
64	18.152675	80.848370	24.26	IV	CHARLA	ODDIPETA	ODDIPETA NORTH (CHERLA R.F)
65	18.183137	80.848489	10.57	IV	CHARLA	ODDIPETA	ODDIPETA NORTH (CHERLA R.F)
66	18.180012	80.846859	24.94	IV	CHARLA	ODDIPETA	ODDIPETA NORTH (CHERLA R.F)
67	18.163865	80.845424	22.52	IV	CHARLA	ODDIPETA	ODDIPETA NORTH (CHERLA R.F)
68	18.157921	80.847839	9.62	IV	CHARLA	ODDIPETA	ODDIPETA NORTH (CHERLA R.F)
69	18.159551	80.848676	59.04	V	CHARLA	ODDIPETA	ODDIPETA NORTH (CHERLA R.F)
70	18.157063	80.845464	33.59	V	CHARLA	ODDIPETA	ODDIPETA NORTH (CHERLA R.F)
71	18.149658	80.846018	45.14	V	CHARLA	ODDIPETA	ODDIPETA NORTH (CHERLA R.F)
72	18.179237	80.840219	28.40	V	CHARLA	ODDIPETA	ODDIPETA NORTH (CHERLA R.F)
73	18.131110	80.840873	21.01	I	CHARLA	ODDIPETA	ODDIPETA SOUTH
74	18.128768	80.835917	31.85	II	CHARLA	ODDIPETA	ODDIPETA SOUTH
75	18.140489	80.849014	9.90	IV	CHARLA	ODDIPETA	ODDIPETA SOUTH
76	18.137574	80.845939	28.75	V	CHARLA	ODDIPETA	ODDIPETA SOUTH
77	18.124698	80.814077	26.09	V	CHARLA	ODDIPETA	ODDIPETA SOUTH
78	18.229856	80.838804	21.99	II	CHARLA	ODDIPETA	PUSUGUPPA EAST
79	18.189537	80.842537	12.12	II	CHARLA	ODDIPETA	PUSUGUPPA EAST
80	18.229073	80.840024	11.59	II	CHARLA	ODDIPETA	PUSUGUPPA EAST
81	18.216080	80.868600	6.82	IV	CHARLA	ODDIPETA	PUSUGUPPA EAST
82	18.214330	80.866125	9.50	IV	CHARLA	ODDIPETA	PUSUGUPPA EAST
83	18.189127	80.838445	17.87	IV	CHARLA	ODDIPETA	PUSUGUPPA EAST
84	18.214849	80.865085	6.18	IV	CHARLA	ODDIPETA	PUSUGUPPA EAST
85	18.227123	80.842909	18.66	IV	CHARLA	ODDIPETA	PUSUGUPPA EAST
86	18.197043	80.845424	20.54	IV	CHARLA	ODDIPETA	PUSUGUPPA EAST
87	18.215340	80.869368	13.98	IV	CHARLA	ODDIPETA	PUSUGUPPA EAST
88	18.213308	80.869031	29.18	V	CHARLA	ODDIPETA	PUSUGUPPA EAST
89	18.212242	80.865289	29.04	V	CHARLA	ODDIPETA	PUSUGUPPA EAST
90	18.192036	80.840999	50.06	V	CHARLA	ODDIPETA	PUSUGUPPA EAST
91	18.230382	80.841708	43.04	V	CHARLA	ODDIPETA	PUSUGUPPA EAST
92	18.227612	80.862348	27.88	V	CHARLA	ODDIPETA	PUSUGUPPA EAST
93	18.198631	80.834653	9.71	IV	CHARLA	ODDIPETA	PUSUGUPPA WEST
94	18.204014	80.834852	29.57	V	CHARLA	ODDIPETA	PUSUGUPPA WEST
95	18.052561	80.867604	13.79	II	CHARLA	TEGADA	CHINNAMIDISILERU

ID	Latitude	Longitude	Catchment Area_Ha	Priority	RANGE	SECTION	BEAT
96	18.048959	80.902521	6.74	II	CHARLA	TEGADA	NAYAKULA KOTHURU
97	18.061283	80.891797	6.18	IV	CHARLA	TEGADA	NAYAKULA KOTHURU
98	18.062236	80.890736	6.05	IV	CHARLA	TEGADA	NAYAKULA KOTHURU
99	18.049111	80.903936	11.20	II	CHARLA	TEGADA	PEDAMIDISILERU NORTH
100	18.065407	80.891407	13.68	IV	CHARLA	TEGADA	PEDAMIDISILERU NORTH
101	18.051813	80.920538	17.33	IV	CHARLA	TEGADA	PEDAMIDISILERU NORTH
102	18.055908	80.918801	22.18	IV	CHARLA	TEGADA	PEDAMIDISILERU NORTH
103	18.048143	80.912845	11.50	II	CHARLA	TEGADA	PEDAMIDISILERU SOUTH
104	18.048894	80.911641	6.08	II	CHARLA	TEGADA	PEDAMIDISILERU SOUTH
105	18.044991	80.904158	7.30	II	CHARLA	TEGADA	PEDAMIDISILERU SOUTH
106	18.033119	80.934495	12.68	II	CHARLA	TEGADA	PEDAMIDISILERU SOUTH
107	18.034190	80.937196	8.10	II	CHARLA	TEGADA	PEDAMIDISILERU SOUTH
108	18.032591	80.940241	27.10	III	CHARLA	TEGADA	PEDAMIDISILERU SOUTH
109	18.040909	80.926315	14.93	IV	CHARLA	TEGADA	PEDAMIDISILERU SOUTH
110	18.042923	80.925002	8.12	IV	CHARLA	TEGADA	PEDAMIDISILERU SOUTH
111	18.046569	80.920232	9.63	IV	CHARLA	TEGADA	PEDAMIDISILERU SOUTH
112	18.039350	80.894509	11.49	IV	CHARLA	TEGADA	TEGADA EAST
113	18.109629	80.927577	9.01	IV	CHARLA	THIPPAPURAM	BATHINAPALLY EAST
114	18.124179	80.929526	7.45	IV	CHARLA	THIPPAPURAM	BATHINAPALLY EAST
115	18.121987	80.922455	55.01	V	CHARLA	THIPPAPURAM	BATHINAPALLY EAST
116	18.107438	80.928929	39.92	V	CHARLA	THIPPAPURAM	BATHINAPALLY EAST
117	18.077013	80.923058	14.52	II	CHARLA	THIPPAPURAM	BATHINAPALLY WEST
118	18.074628	80.923800	11.73	II	CHARLA	THIPPAPURAM	BATHINAPALLY WEST
119	18.105556	80.908508	14.51	II	CHARLA	THIPPAPURAM	GEESARAVELLY
120	18.105095	80.882766	72.64	IV	CHARLA	THIPPAPURAM	GEESARAVELLY
121	18.152421	80.958688	13.36	IV	CHARLA	THIPPAPURAM	THIPPAPURAM NORTH
122	18.164181	80.973557	6.72	IV	CHARLA	THIPPAPURAM	THIPPAPURAM NORTH
123	18.158633	80.961268	15.52	IV	CHARLA	THIPPAPURAM	THIPPAPURAM NORTH
124	18.169604	80.975108	16.57	IV	CHARLA	THIPPAPURAM	THIPPAPURAM NORTH
125	18.167171	80.978199	35.67	V	CHARLA	THIPPAPURAM	THIPPAPURAM NORTH
126	18.166061	80.976103	29.58	V	CHARLA	THIPPAPURAM	THIPPAPURAM NORTH
127	18.129231	80.949297	6.25	I	CHARLA	THIPPAPURAM	THIPPAPURAM SOUTH
128	18.141772	80.955208	13.02	II	CHARLA	THIPPAPURAM	THIPPAPURAM SOUTH
129	18.137824	80.959719	10.71	IV	CHARLA	THIPPAPURAM	THIPPAPURAM SOUTH
130	18.132778	80.918363	28.74	V	CHARLA	THIPPAPURAM	THIPPAPURAM SOUTH
131	18.146892	80.969434	27.46	V	CHARLA	THIPPAPURAM	THIPPAPURAM SOUTH

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



Division : Bhadrachalam
Range : Charla



ID	Latitude	Longitude	Catchment Area_Ha	Priority
113	18.109629	80.927577	9.01	IV
114	18.124179	80.929526	7.45	IV
115	18.123987	80.922455	55.01	V
116	18.107438	80.928929	39.92	V

Legend

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

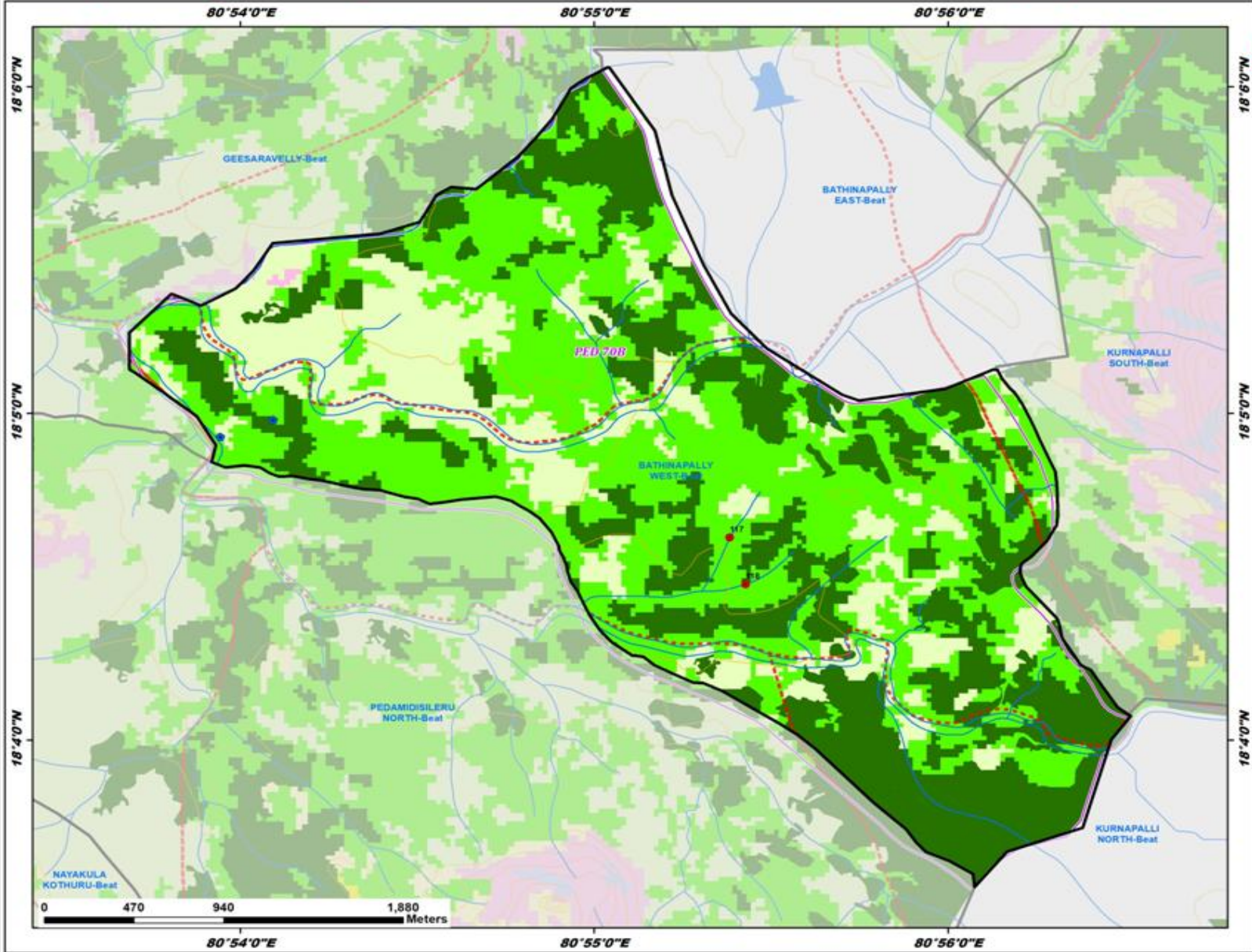
Suitability Index

- 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 Bathinapally West Beat



Division : Bhadrachalam
Range : Charla



ID	Latitude	Longitude	Catchment Area_Ha	Priority
117	18.077013	80.923058	14.52	II
118	18.074628	80.923800	11.73	II

Legend

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

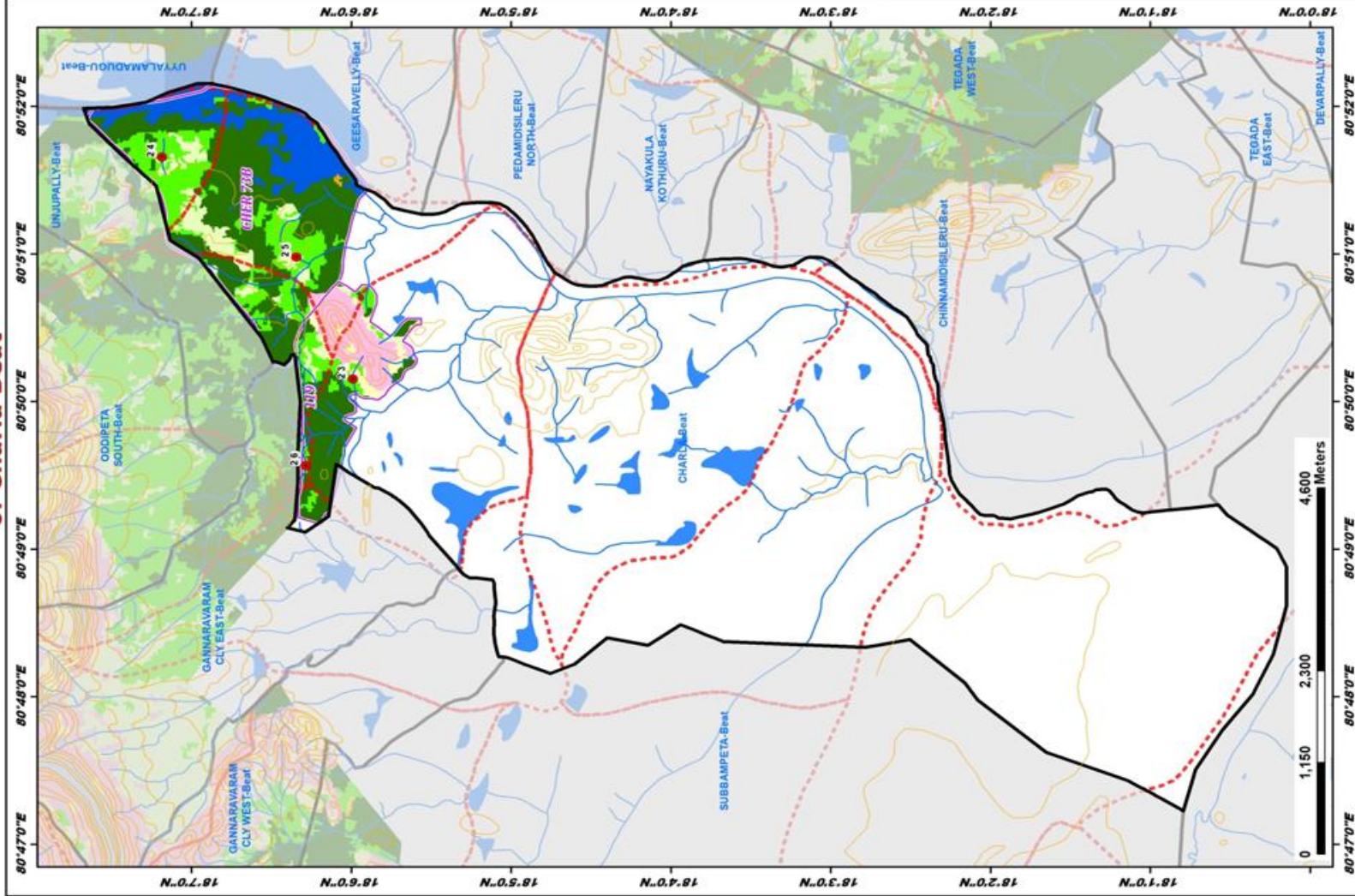
Suitability Index

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



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

Division : Bhadrachalam
Range : Charla



ID	Latitude	Longitude	Catchment Area, Ha	Priority
23	18.099825	80.835923	6.97	II
24	18.119744	80.860983	18.81	II
25	18.105687	80.849662	13.65	II
26	18.104757	80.826123	27.48	III

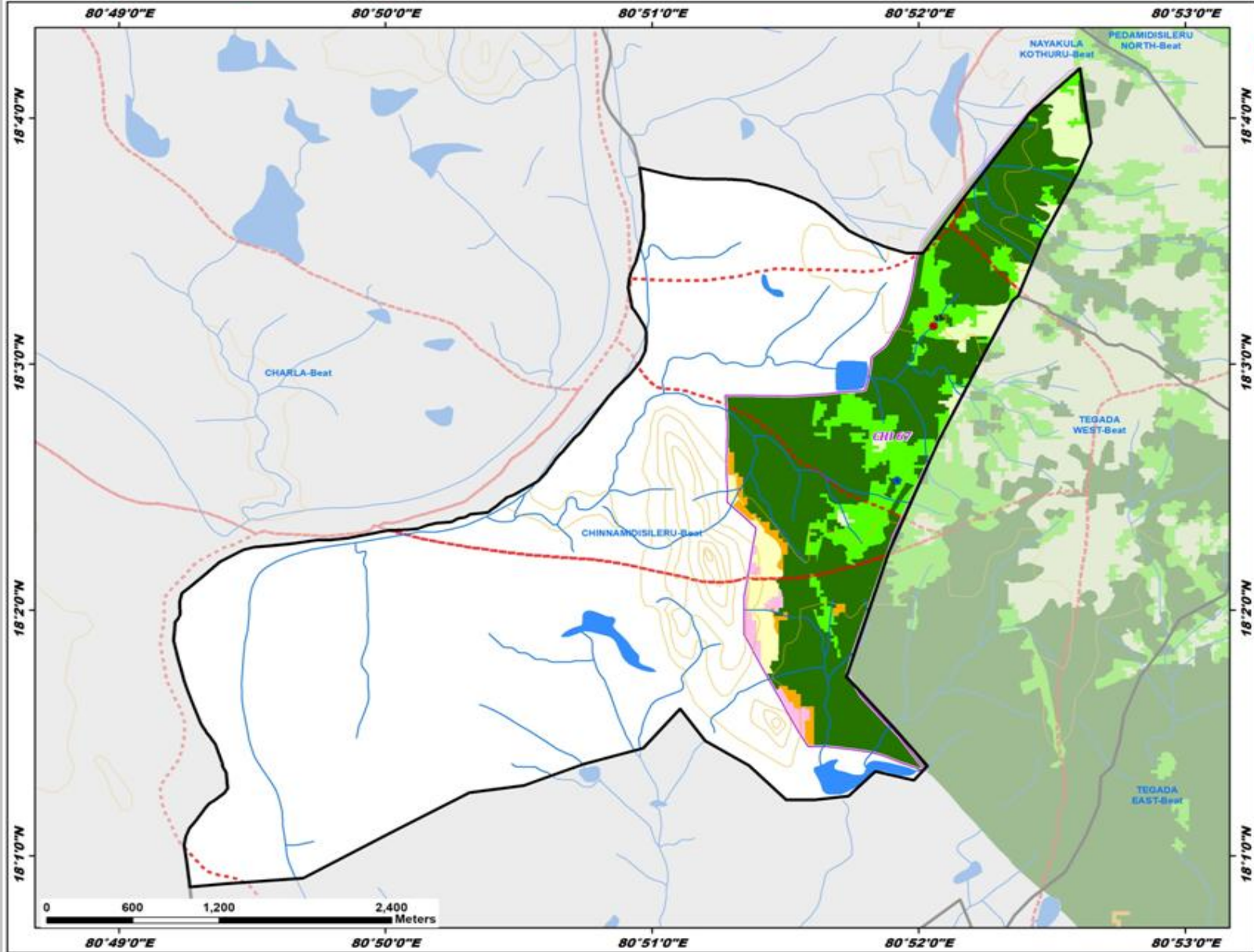
LEGEND

- 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 SGTs - Suitable
 - Not Suitable
 - Water Body

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



Division : Bhadrachalam
Range : Charla



ID	Latitude	Longitude	Catchment Area_Ha	Priority
95	18.052561	80.867604	13.79	II

Legend

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

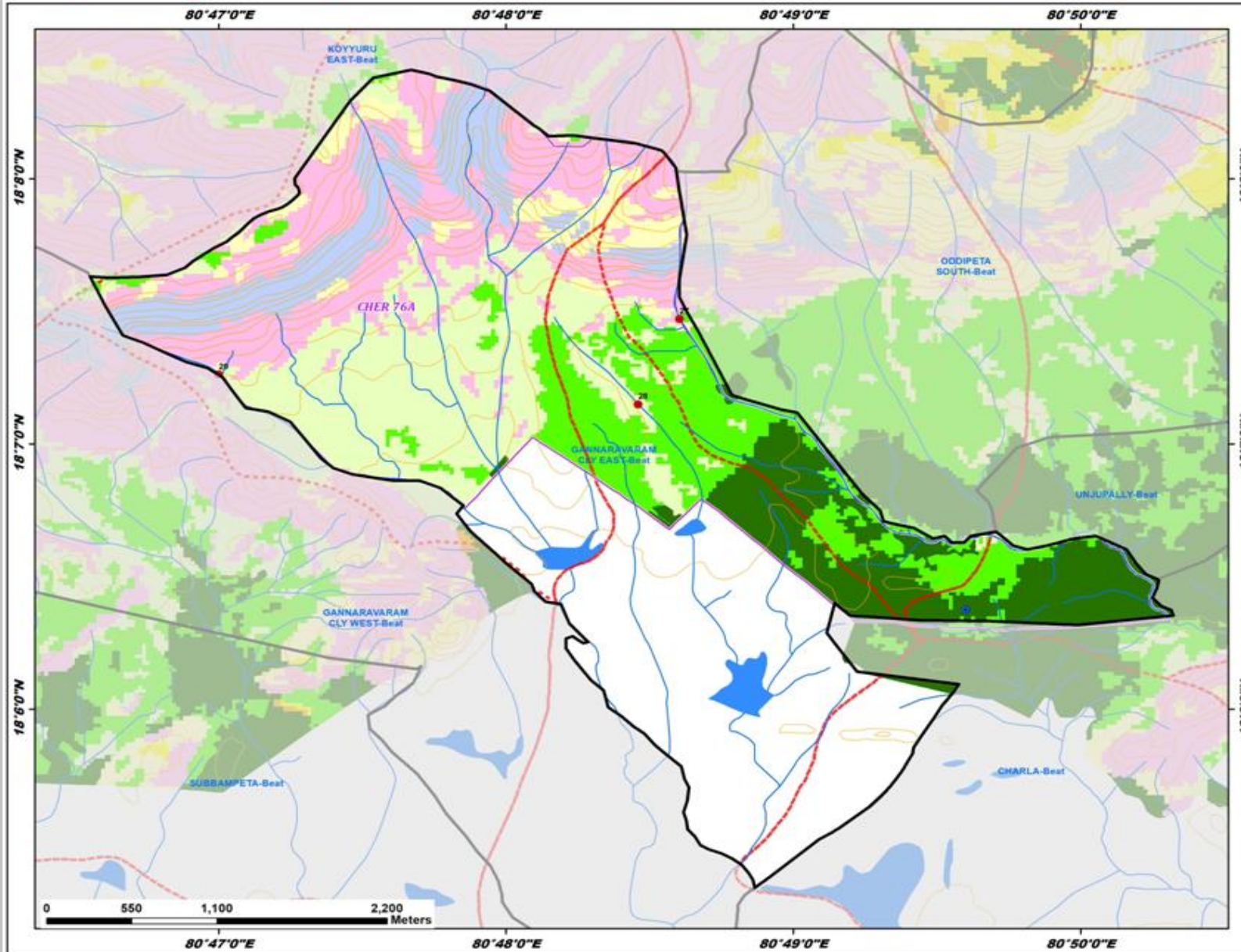
Suitability Index

- 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 Gannaravaram Cly East Beat



Division : Bhadrachalam
Range : Charla



ID	Latitude	Longitude	Catchment Area_Ha	Priority
27	18.124534	80.810073	15.62	II
28	18.119170	80.807679	46.11	V
29	18.121039	80.783348	42.86	V

Legend

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

Suitability Index

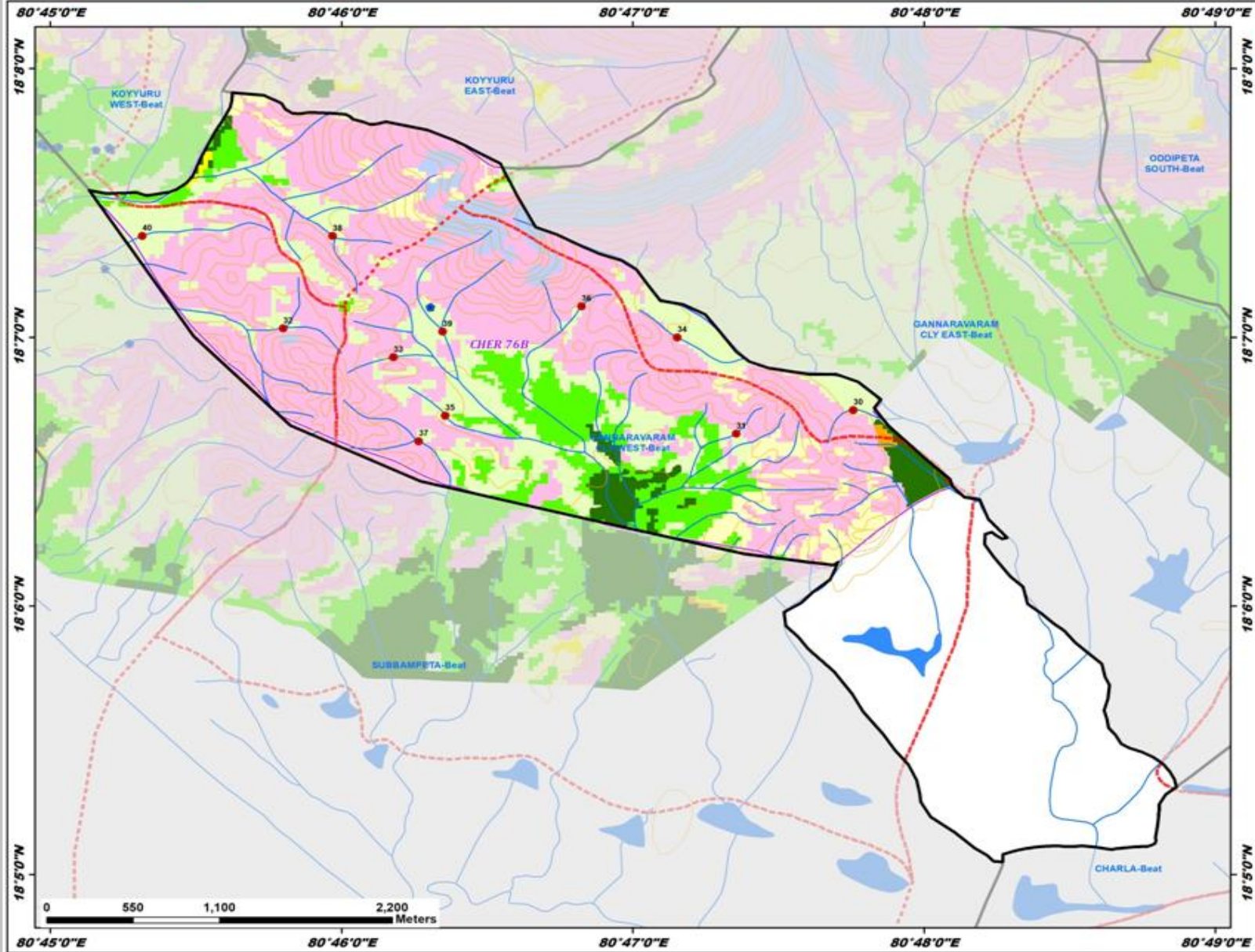
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- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGP - Suitable
- Not Suitable
- Water Body



Map Showing Suitability index for Construction of SMC Works of Gannaravaram Cly West Beat



Division : Bhadrachalam
Range : Charla



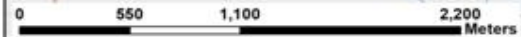
ID	Latitude	Longitude	Catchment Area_Ha	Priority
30	18.112158	80.795949	5.27	IV
31	18.110686	80.789260	5.96	IV
32	18.117225	80.763323	23.89	IV
33	18.115438	80.769646	7.55	IV
34	18.116664	80.785886	8.08	IV
35	18.111814	80.772603	13.05	IV
36	18.118590	80.780404	12.78	IV
37	18.110226	80.771092	18.92	IV
38	18.123948	80.766164	21.86	IV
39	18.117019	80.772445	48.50	V
40	18.122960	80.755269	27.14	V

Legend

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

Suitability Index

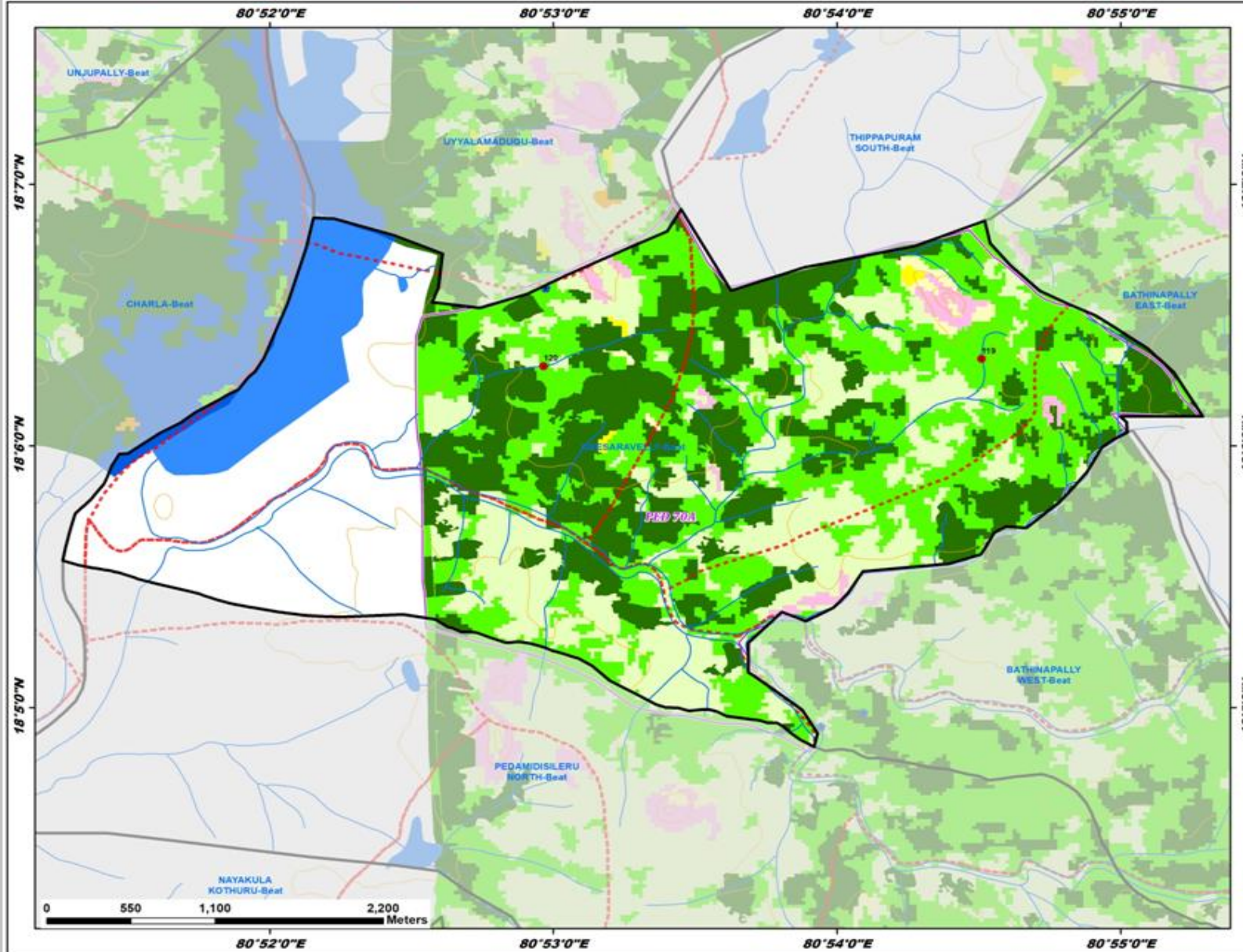
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- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body



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



Division : Bhadrachalam
Range : Charla



ID	Latitude	Longitude	Catchment Area_Ha	Priority
119	18.105556	80.908508	14.51	III
120	18.105095	80.882766	72.64	IV

Legend

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

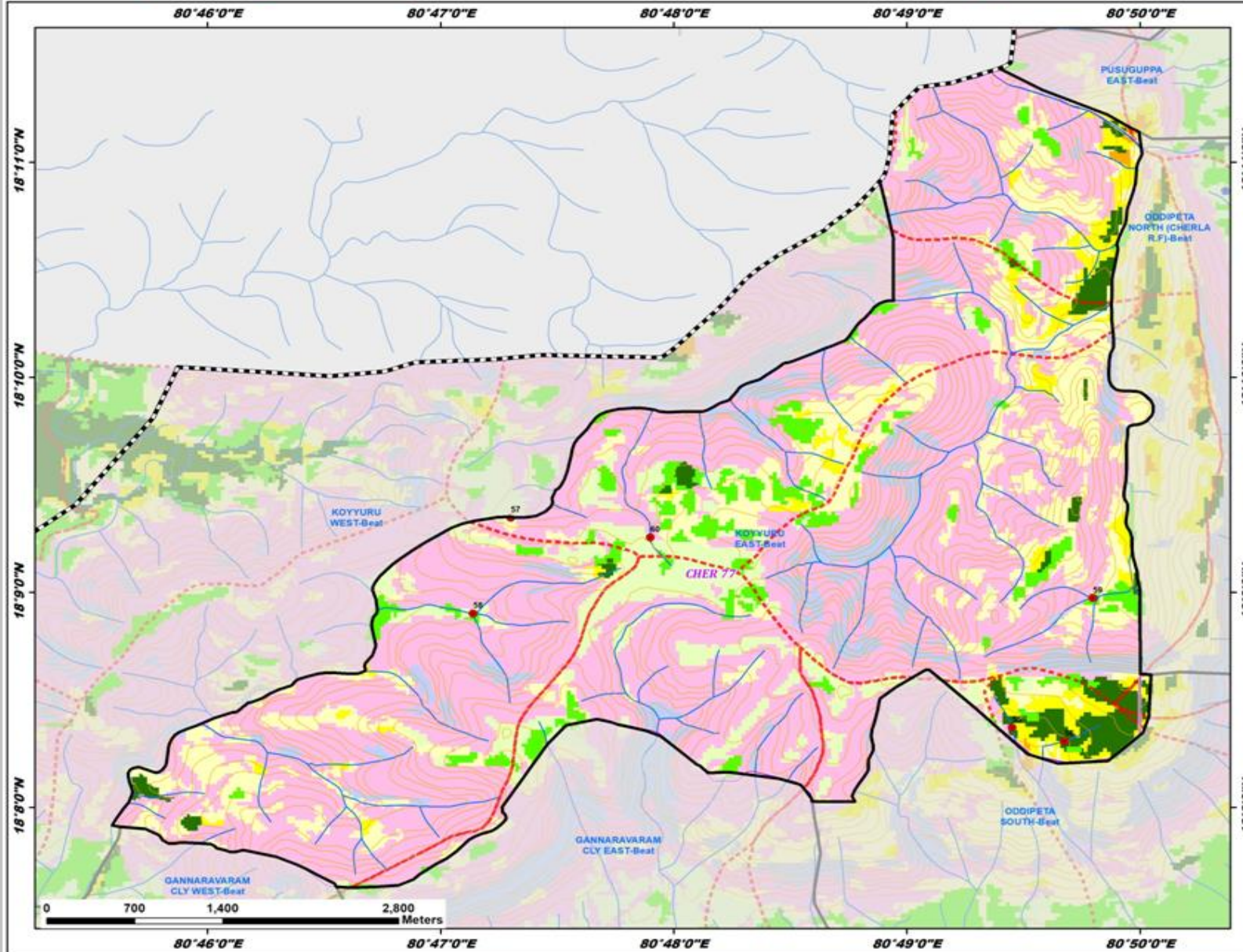
Suitability Index

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

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



Division : Bhadrachalam
Range : Charla



ID	Latitude	Longitude	Catchment Area_Ha	Priority
55	18.139526	80.824236	13.12	I
56	18.138461	80.827935	19.05	I
57	18.155794	80.788352	11.67	IV
58	18.148367	80.785673	82.30	IV
59	18.149566	80.829966	61.58	IV
60	18.154269	80.758336	32.82	V

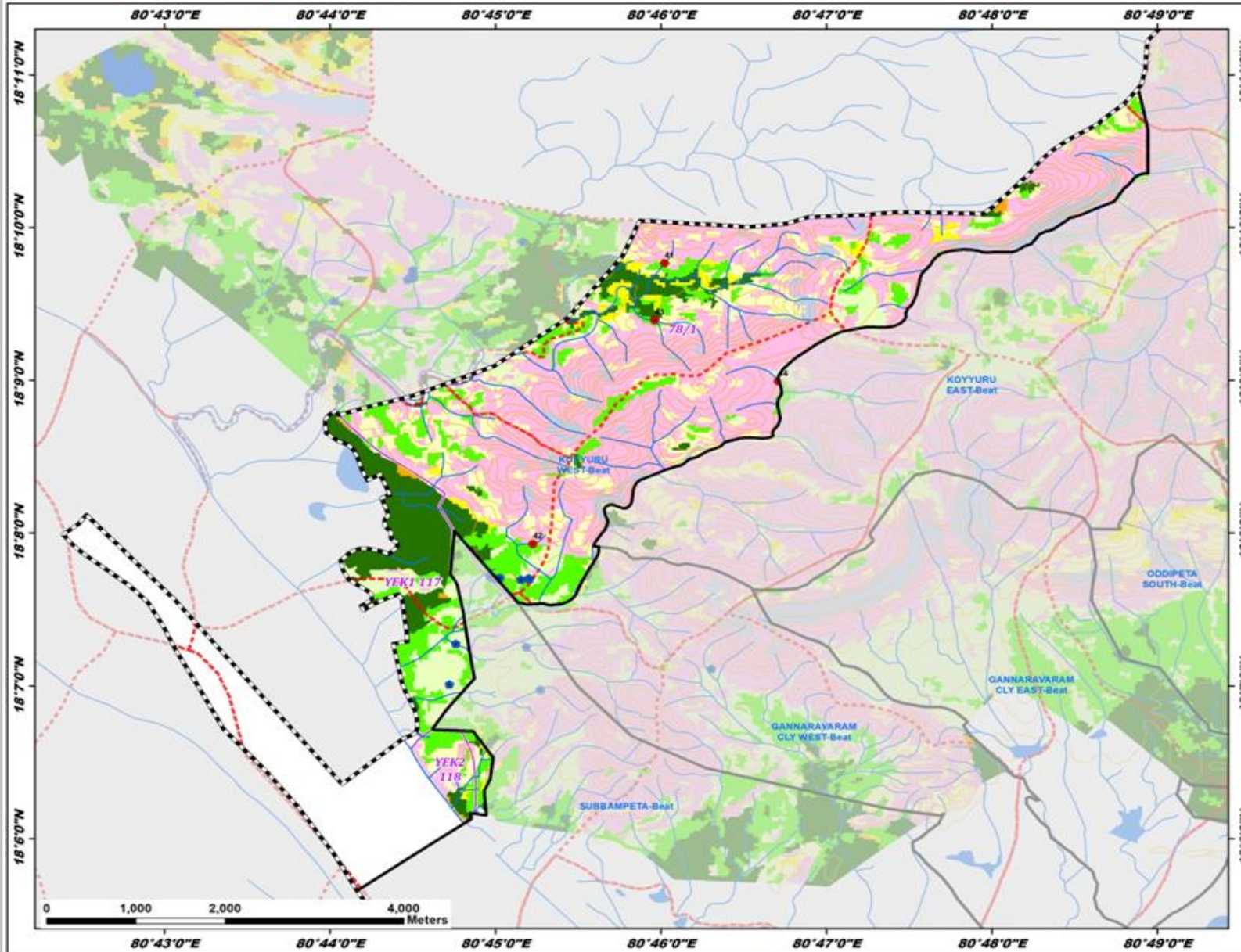
Legend

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

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



Division : Bhadrachalam
Range : Charla



ID	Latitude	Longitude	Catchment Area_Ha	Priority
41	18.162797	80.767068	8.58	II
42	18.132171	80.753799	7.35	II
43	18.156576	80.766071	55.64	IV
44	18.149911	80.778485	49.01	V

Legend

- Proposed_PTs
- Existing_CD/PTs
- Contours
- Streams
- - - Watershed Boundary
- - - Compartment Boundary
- ▭ Beat Boundary
- - - Division Boundary

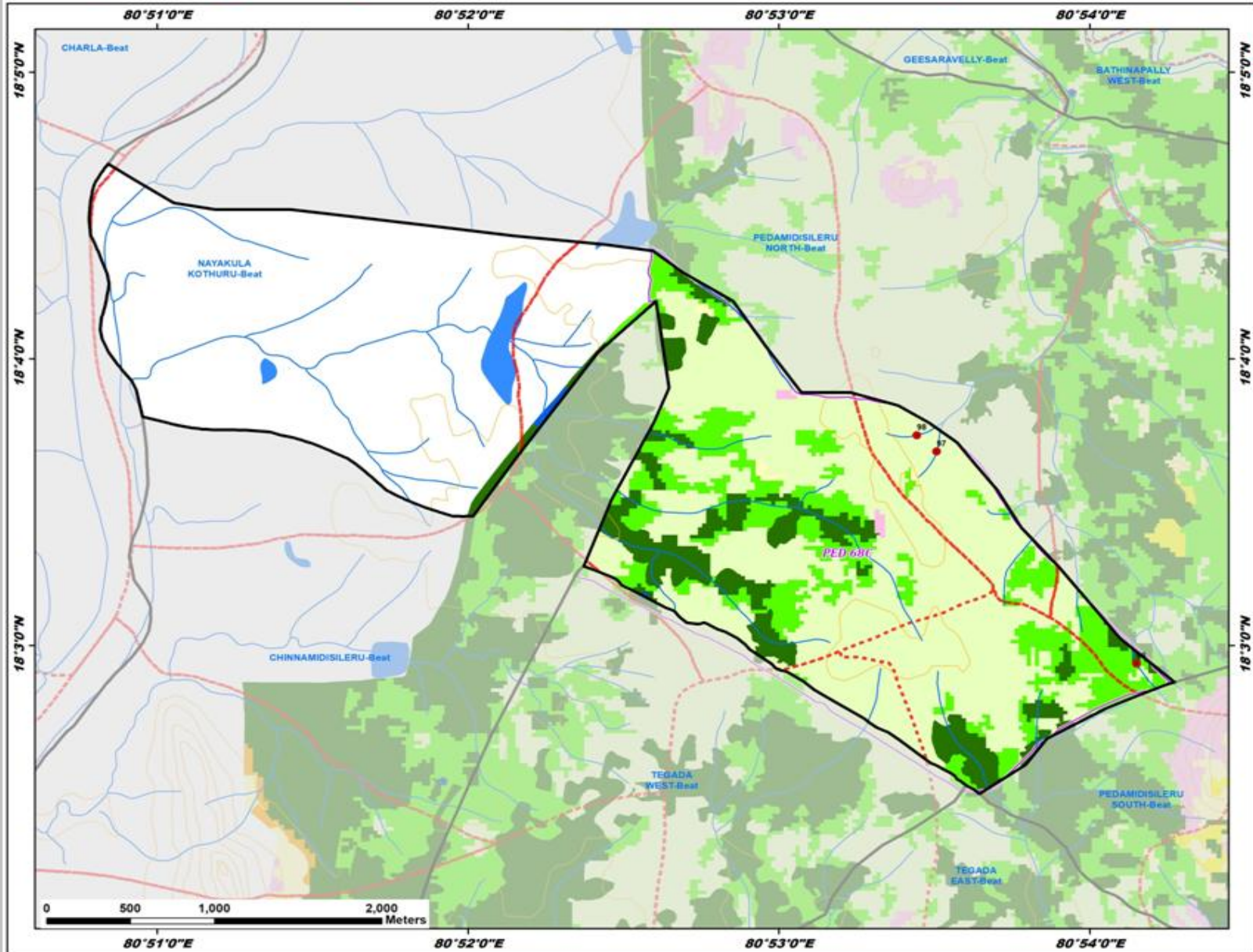
Suitability Index

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

Map Showing Suitability index for Construction of SMC Works of Nayakula Kothuru Beat



Division : Bhadrachalam
Range : Charla



ID	Latitude	Longitude	Catchment Area_Ha	Priority
96	18.048959	80.902521	6.74	II
97	18.061283	80.891797	6.18	IV
98	18.062236	80.890736	6.05	IV

Legend

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

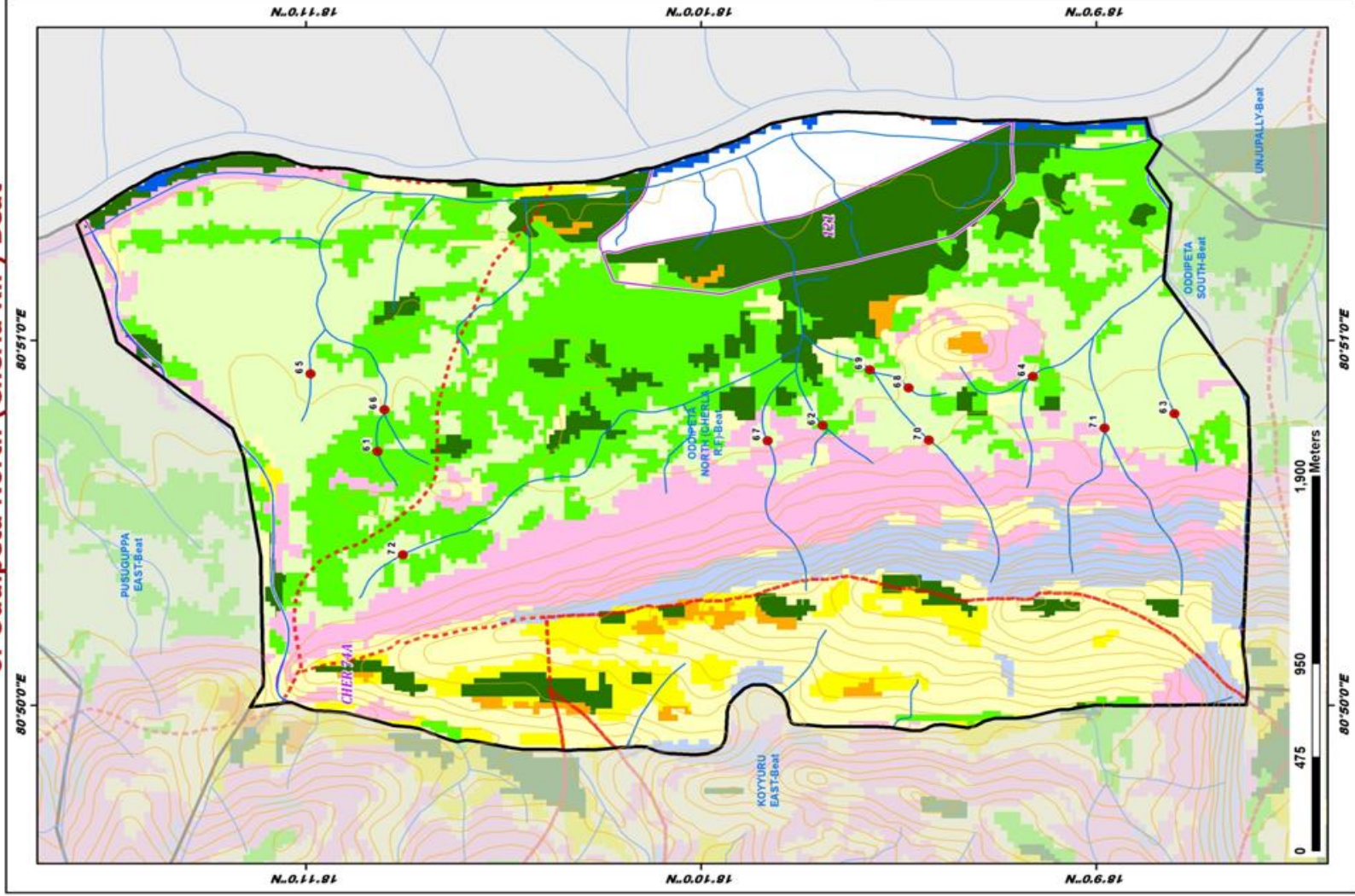
Suitability Index

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

Map Showing Suitability Index for Construction of SMC Works of Oddipeta North (Cherla R.F) Beat



Division : Bhadrachalam
Range : Charla



ID	Latitude	Longitude	Catchment Area_Ha	Priority
61	18.180308	80.844947	5.75	II
62	18.161531	80.846133	30.97	III
63	18.146702	80.846664	14.73	IV
64	18.152675	80.848370	24.26	IV
65	18.183137	80.849489	10.57	IV
66	18.180012	80.848859	24.94	IV
67	18.163865	80.845424	22.52	IV
68	18.157921	80.847839	9.62	IV
69	18.159531	80.848676	59.04	V
70	18.157063	80.845464	33.59	V
71	18.149658	80.846018	45.14	V
72	18.179237	80.840219	28.40	V

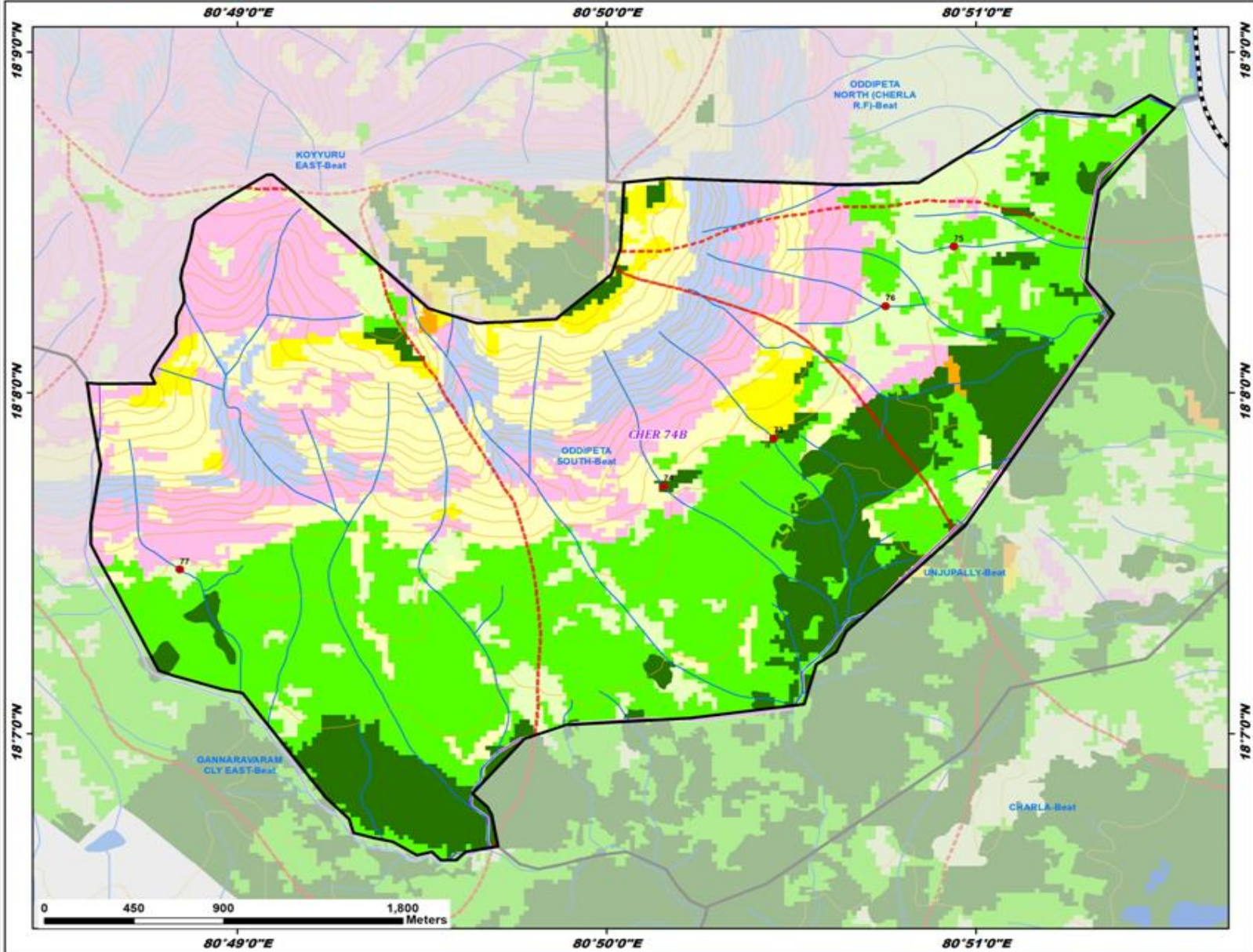
LEGEND

- Proposed_PTs
 - Existing_CD/Pts
 - Contours
 - Streams
 - Watershed Boundary
 - Compartment Boundary
 - Beat Boundary
 - Division Boundary
- ### Suitability Index
- CCTs/SCTs - Highly Suitable
 - CCTs/SCTs - Moderately Suitable
 - CCTs/SCTs - Least Suitable
 - PTs - Highly Suitable
 - PTs - Moderately Suitable
 - PTs - Least Suitable
 - MPTs and SGPts - Suitable
 - Not Suitable
 - Water Body

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



Division : Bhadrachalam
Range : Charla



ID	Latitude	Longitude	Catchment Area_Ha	Priority
73	18.131110	80.840873	21.01	I
74	18.128768	80.835917	31.85	II
75	18.140489	80.849014	9.90	IV
76	18.137574	80.845939	28.75	V
77	18.124698	80.814077	26.09	V

Legend

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

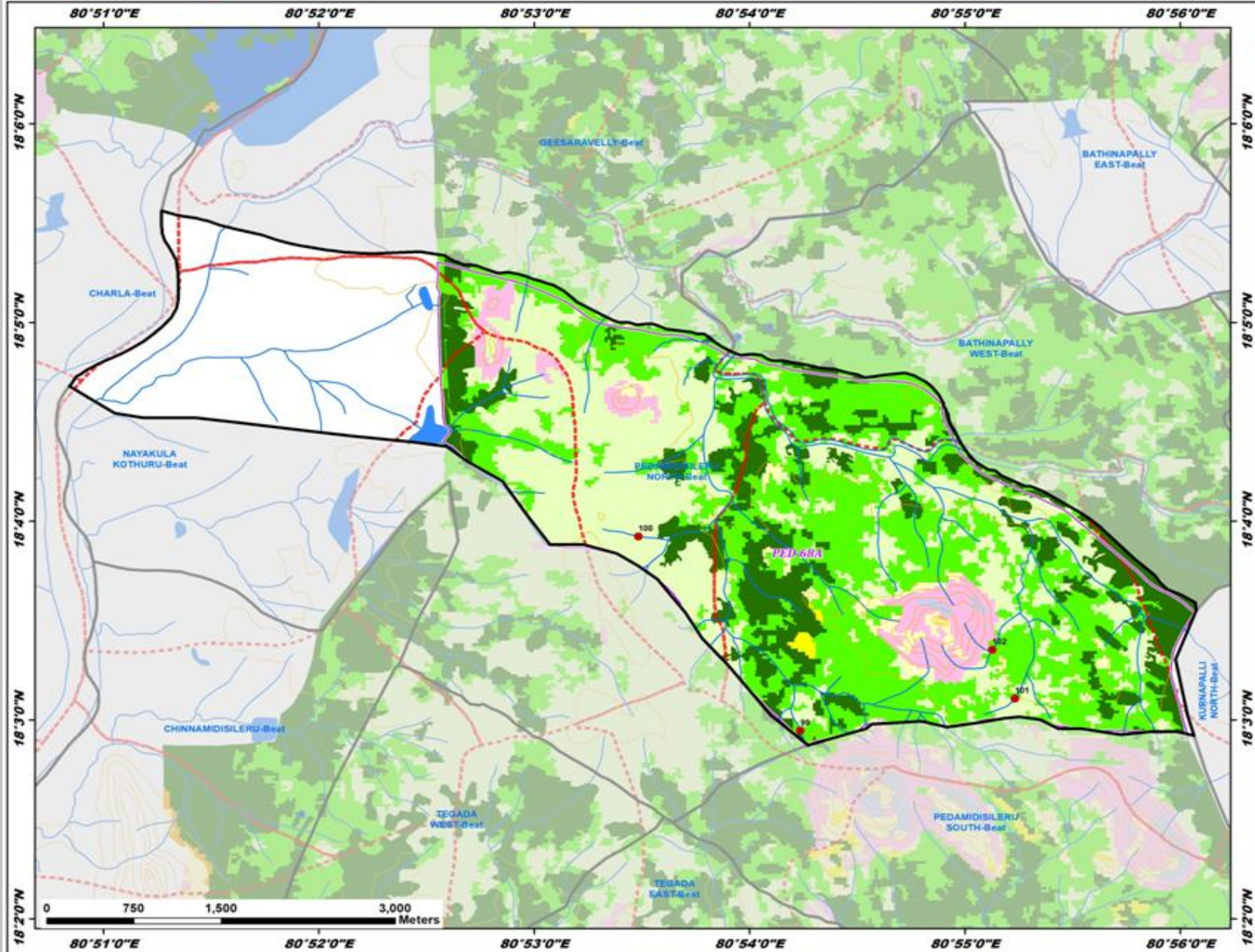
Suitability Index

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

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



Division : Bhadrachalam
Range : Charla



ID	Latitude	Longitude	Catchment Area_Ha	Priority
99	18.049111	80.903936	11.20	II
100	18.065407	80.891407	13.68	IV
101	18.051813	80.920538	17.33	IV
102	18.055908	80.918801	22.18	IV

Legend

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

Suitability Index

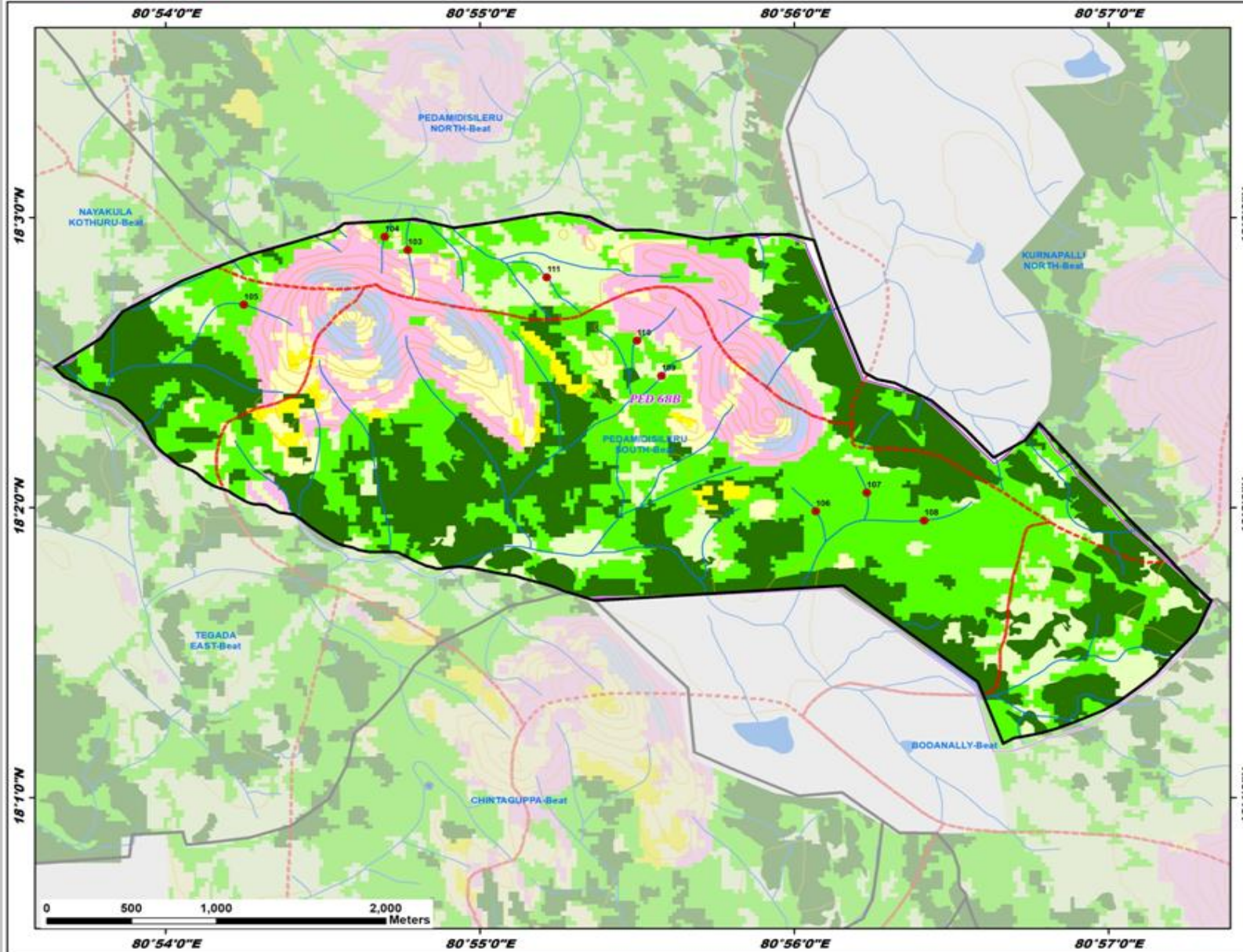
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body

0 750 1,500 3,000 Meters

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



Division : Bhadrachalam
Range : Charla



ID	Latitude	Longitude	Catchment Area_Ha	Priority
103	18.048143	80.912845	11.50	II
104	18.048894	80.911641	6.08	II
105	18.044991	80.904158	7.30	II
106	18.033119	80.934495	12.68	II
107	18.034190	80.937196	8.10	II
108	18.032591	80.940241	27.10	III
109	18.040909	80.926315	14.93	IV
110	18.042923	80.925002	8.12	IV
111	18.046569	80.920232	9.63	IV

Legend

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

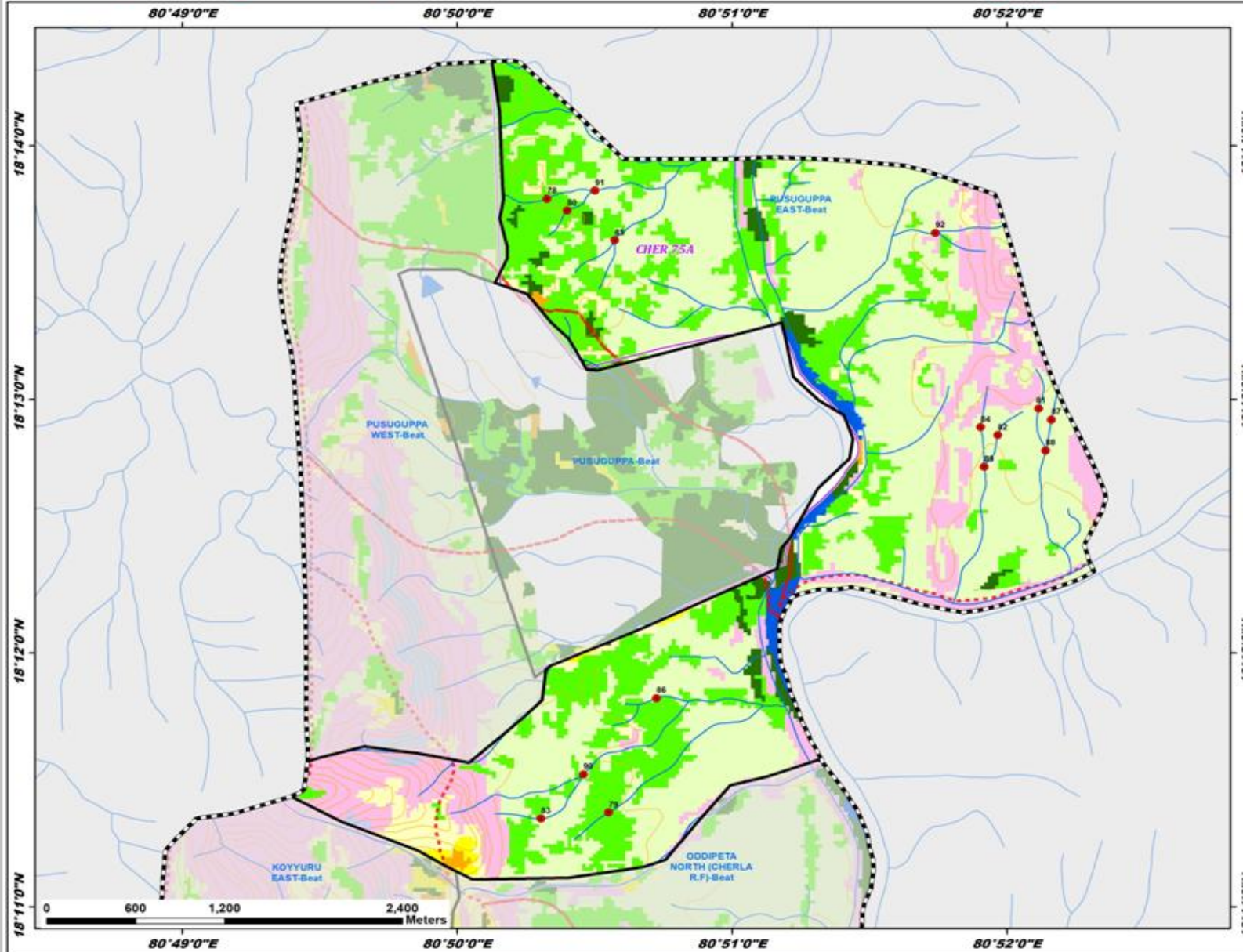
Suitability Index

- 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 Pusuguppa East Beat



Division : Bhadrachalam
Range : Charla



ID	Latitude	Longitude	Catchment Area_Ha	Priority
78	18.229856	80.838804	21.99	II
79	18.189537	80.842537	12.12	II
80	18.229073	80.840024	11.59	II
81	18.216080	80.868600	6.82	IV
82	18.214330	80.866125	9.50	IV
83	18.189127	80.838445	17.87	IV
84	18.214849	80.865085	6.18	IV
85	18.227123	80.842909	18.66	IV
86	18.197043	80.845424	20.54	IV
87	18.215340	80.869368	13.98	IV
88	18.213308	80.869031	29.18	V
89	18.212242	80.865289	29.04	V
90	18.192036	80.840999	50.06	V
91	18.230382	80.841708	43.04	V
92	18.227612	80.862348	27.88	V

Legend

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

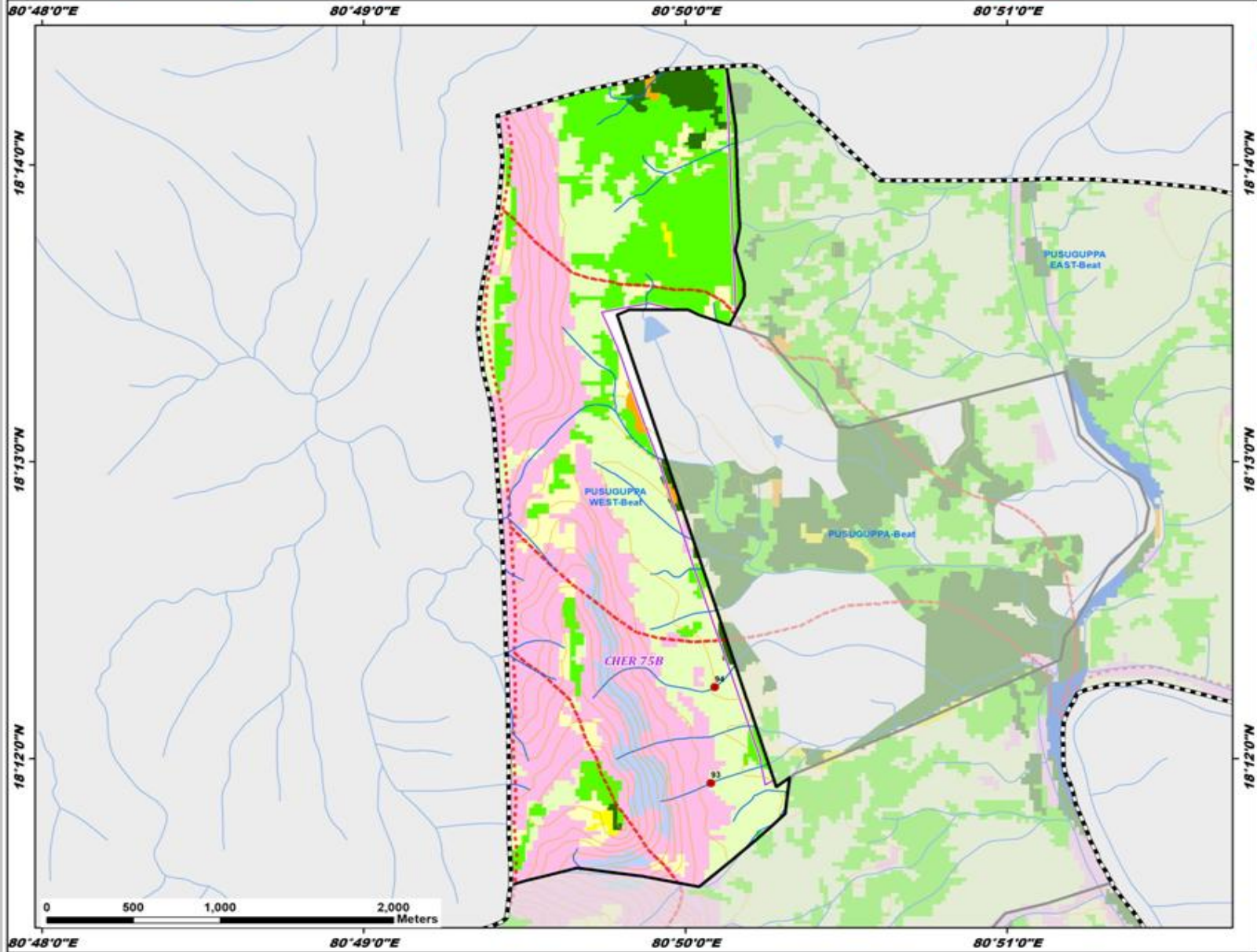
Suitability Index

- 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 Pusuguppa West Beat



Division : Bhadrachalam
Range : Charla



ID	Latitude	Longitude	Catchment Area_Ha	Priority
93	18.198631	80.834653	9.71	IV
94	18.204014	80.834852	29.57	V

Legend

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

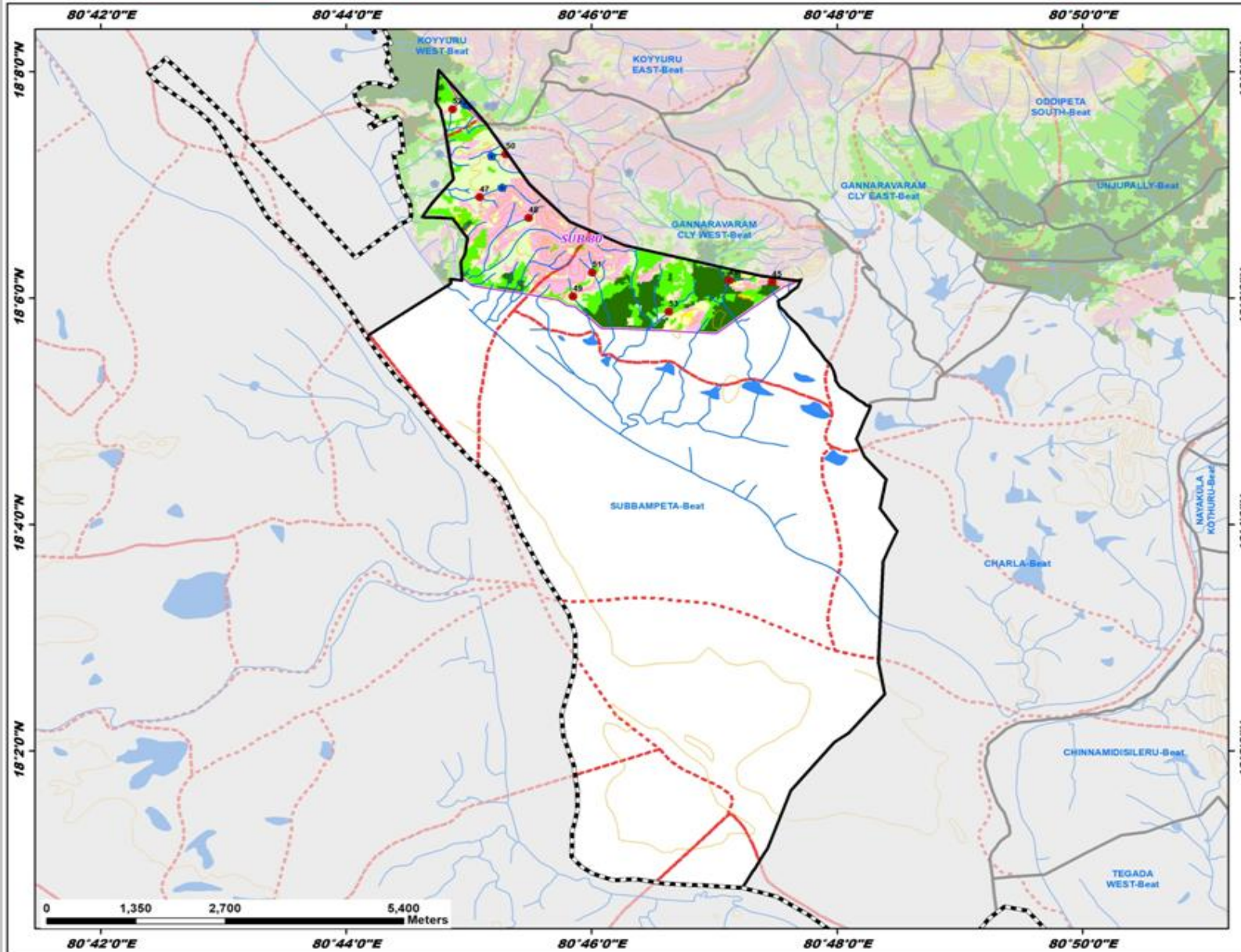
Suitability Index

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

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



Division : Bhadrachalam
Range : Charla



ID	Latitude	Longitude	Catchment Area_Ha	Priority
45	18.102373	80.791209	10.52	II
46	18.102631	80.785308	26.65	II
47	18.114849	80.751495	5.41	IV
48	18.111801	80.758138	9.00	IV
49	18.100237	80.764158	10.50	IV
50	18.121184	80.755041	9.35	IV
51	18.103765	80.766801	13.58	IV
52	18.127800	80.747804	11.79	IV
53	18.097993	80.777159	39.90	V

Legend

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

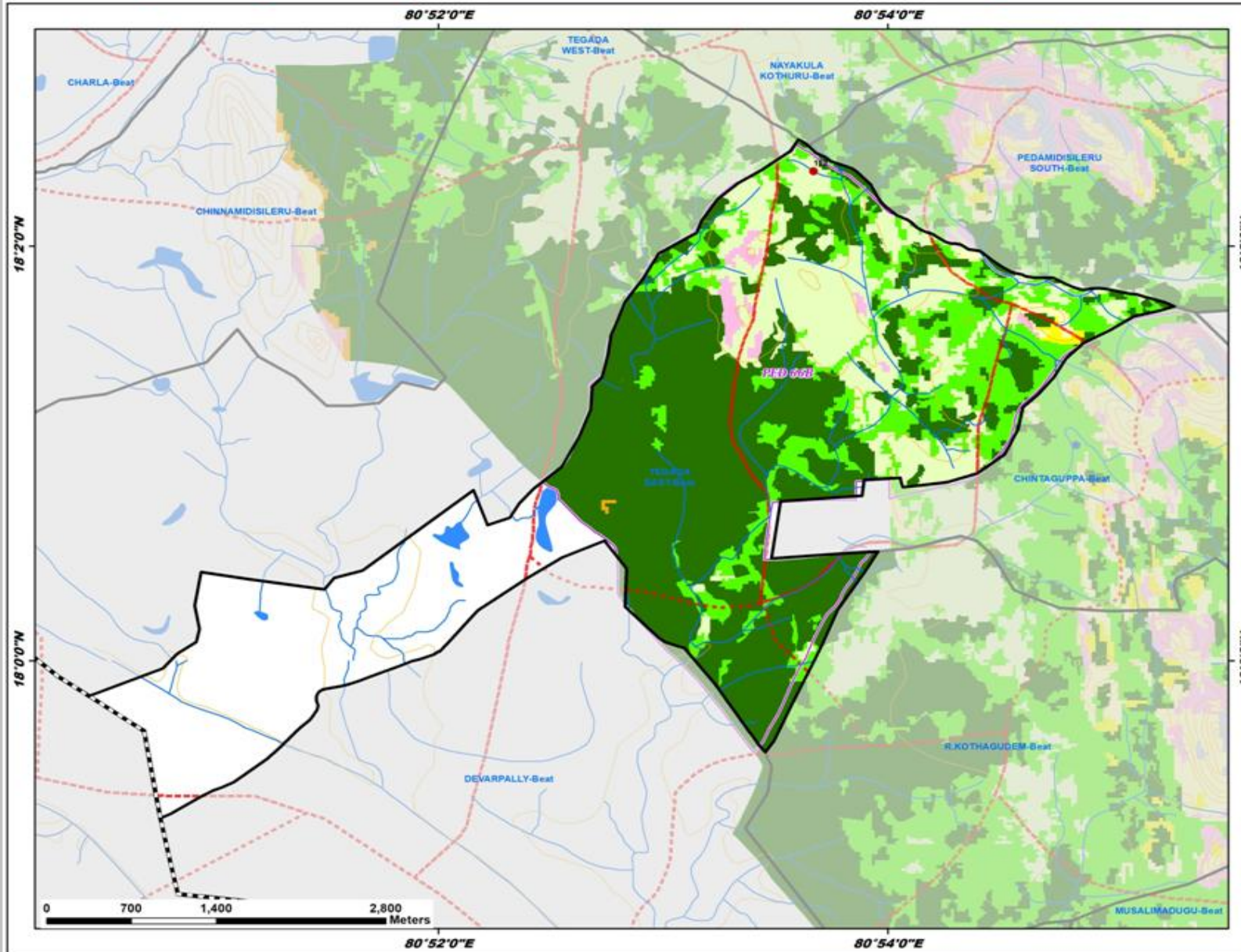
Suitability Index

- 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 Tegada East Beat



Division : Bhadrachalam
Range : Charla



ID	Latitude	Longitude	Catchment Area_Ha	Priority
112	18.039350	80.894509	11.49	IV

Legend

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

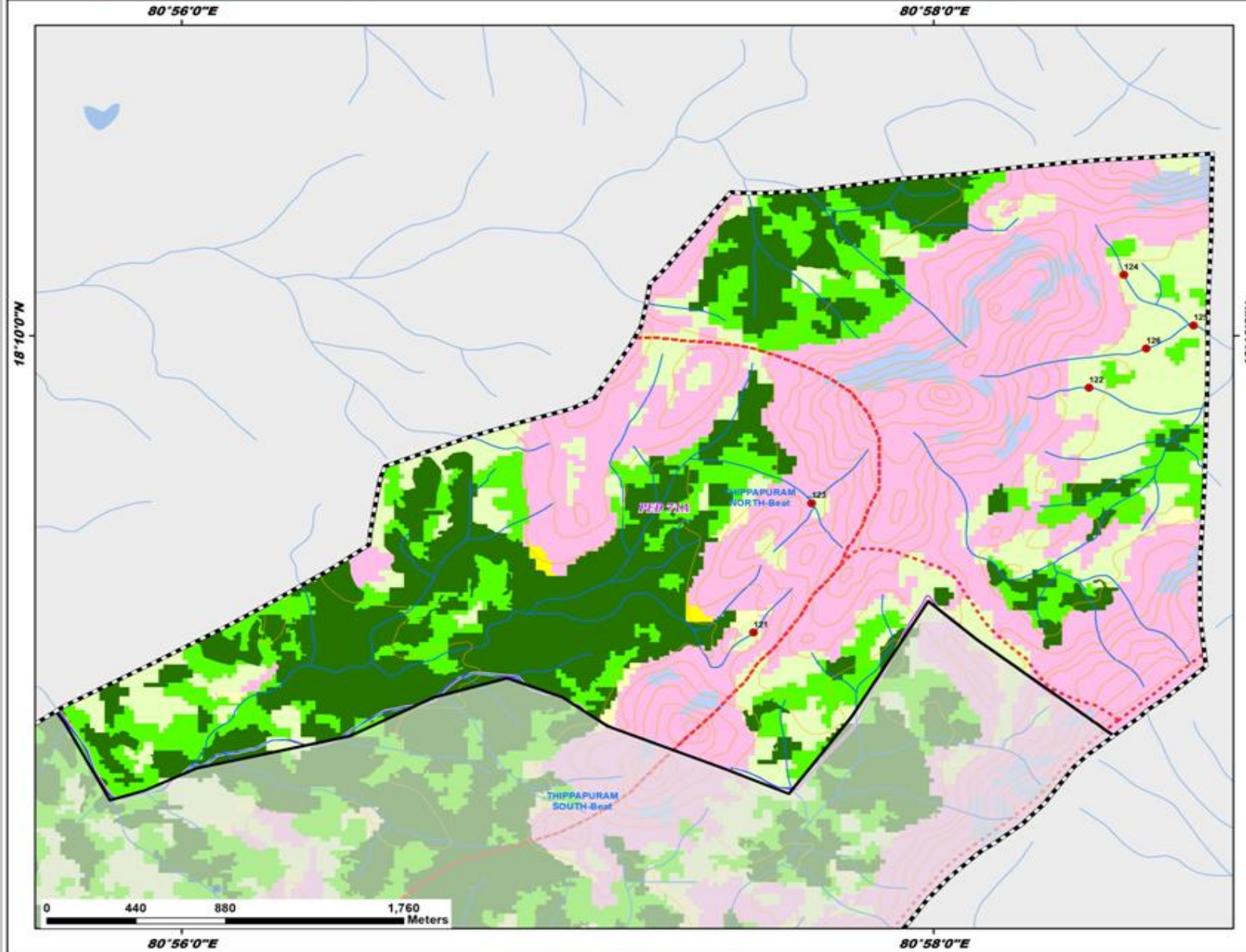
Suitability Index

- 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 Thippapuram North Beat



Division : Bhadrachalam
Range : Charla



ID	Latitude	Longitude	Catchment Area_Ha	Priority
121	18.152421	80.958688	13.36	IV
122	18.164181	80.973557	6.72	IV
123	18.158633	80.961268	15.52	IV
124	18.169604	80.975108	16.57	IV
125	18.167171	80.978199	35.67	V
126	18.166061	80.976103	29.58	V

Legend

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

Suitability Index

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

0 440 880 1,760 Meters

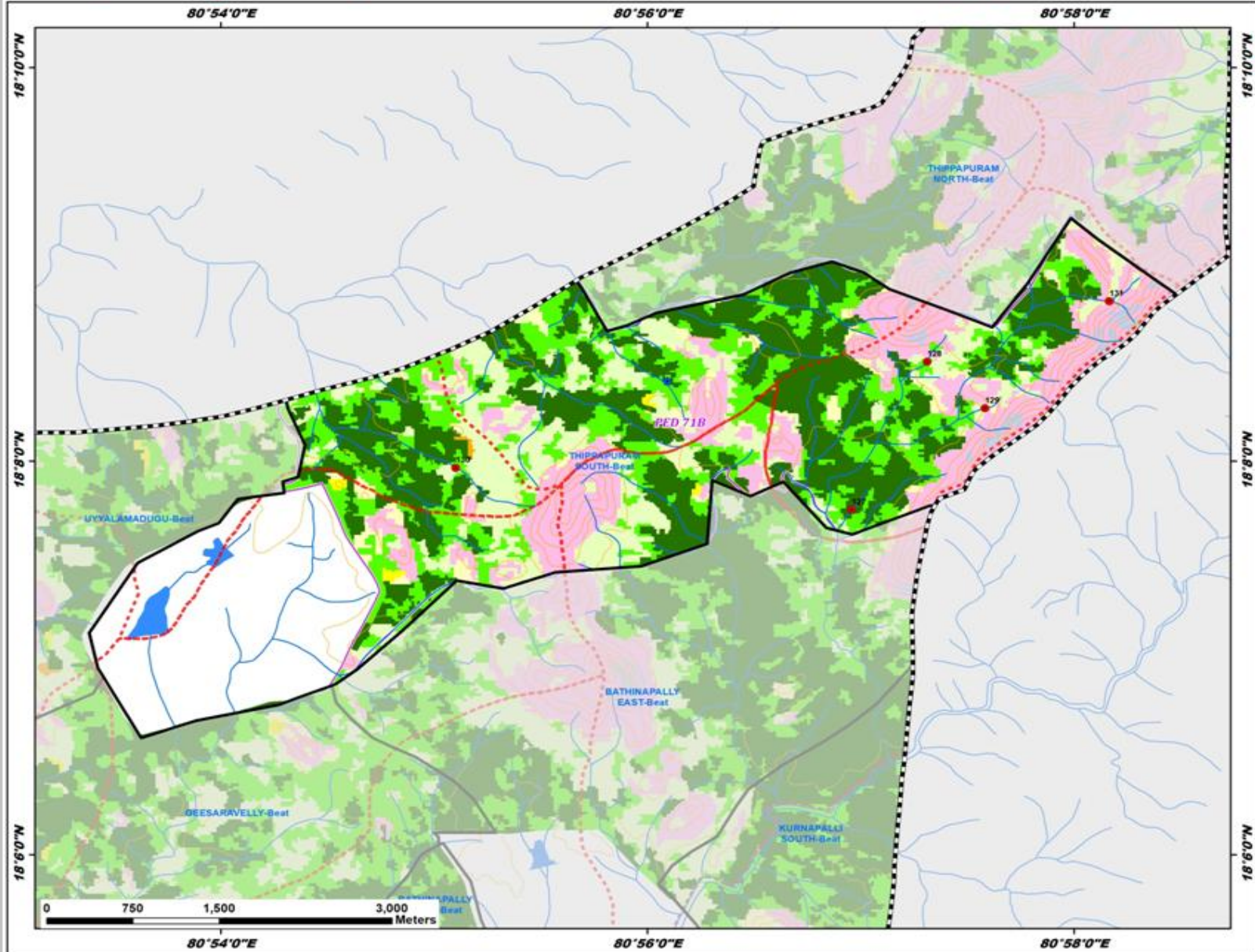
80°56'0"E

80°58'0"E

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



Division : Bhadrachalam
Range : Charla



ID	Latitude	Longitude	Catchment Area_Ha	Priority
127	18.129231	80.949297	6.25	I
128	18.141772	80.955208	13.02	II
129	18.137824	80.959719	10.71	IV
130	18.132778	80.918363	28.74	V
131	18.146892	80.969434	27.46	V

Legend

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

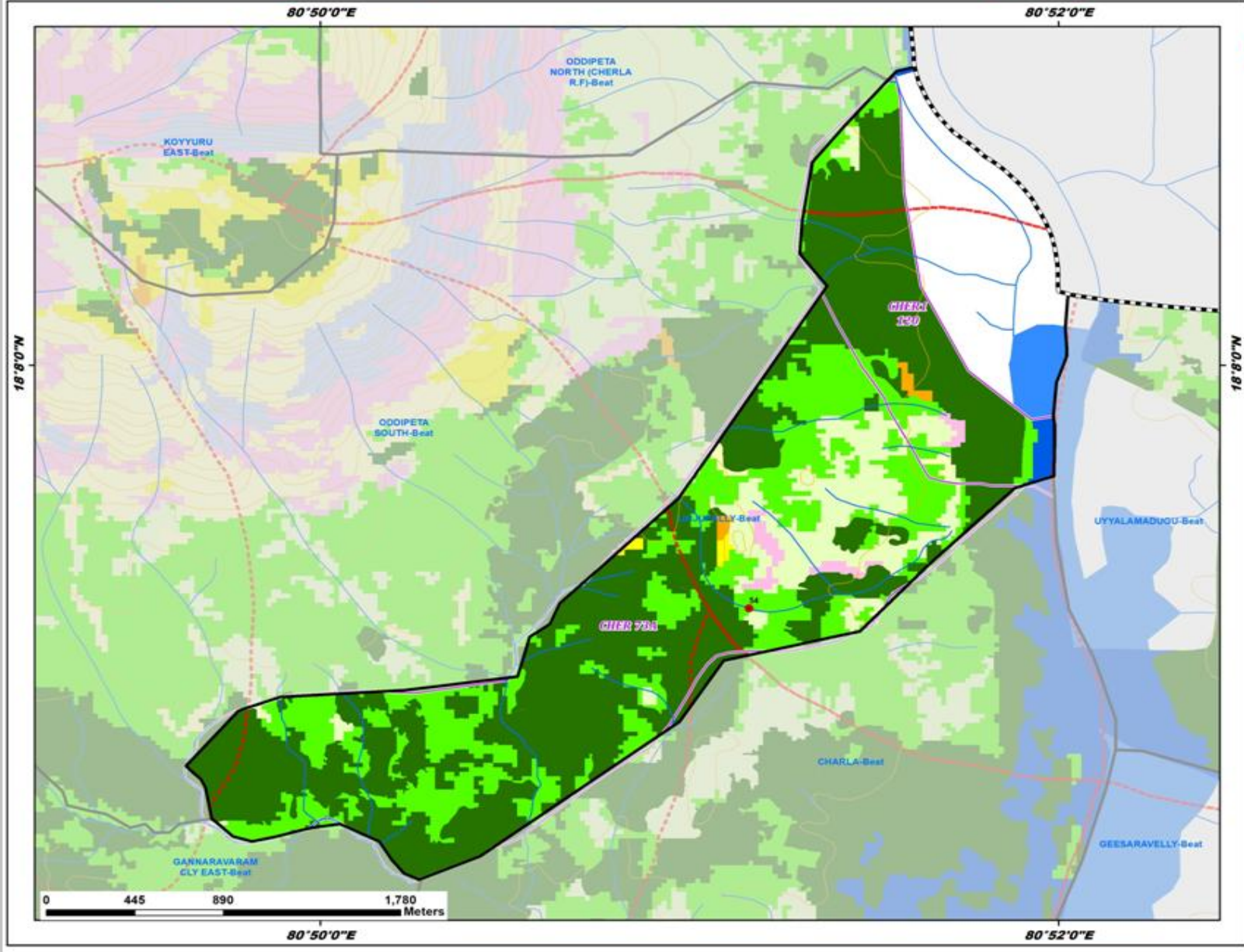
Suitability Index

- 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 Unjupally Beat



Division : Bhadrachalam
Range : Charla



ID	Latitude	Longitude	Catchment Area_Ha	Priority
54	18.121444	80.852706	31.40	III

Legend

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

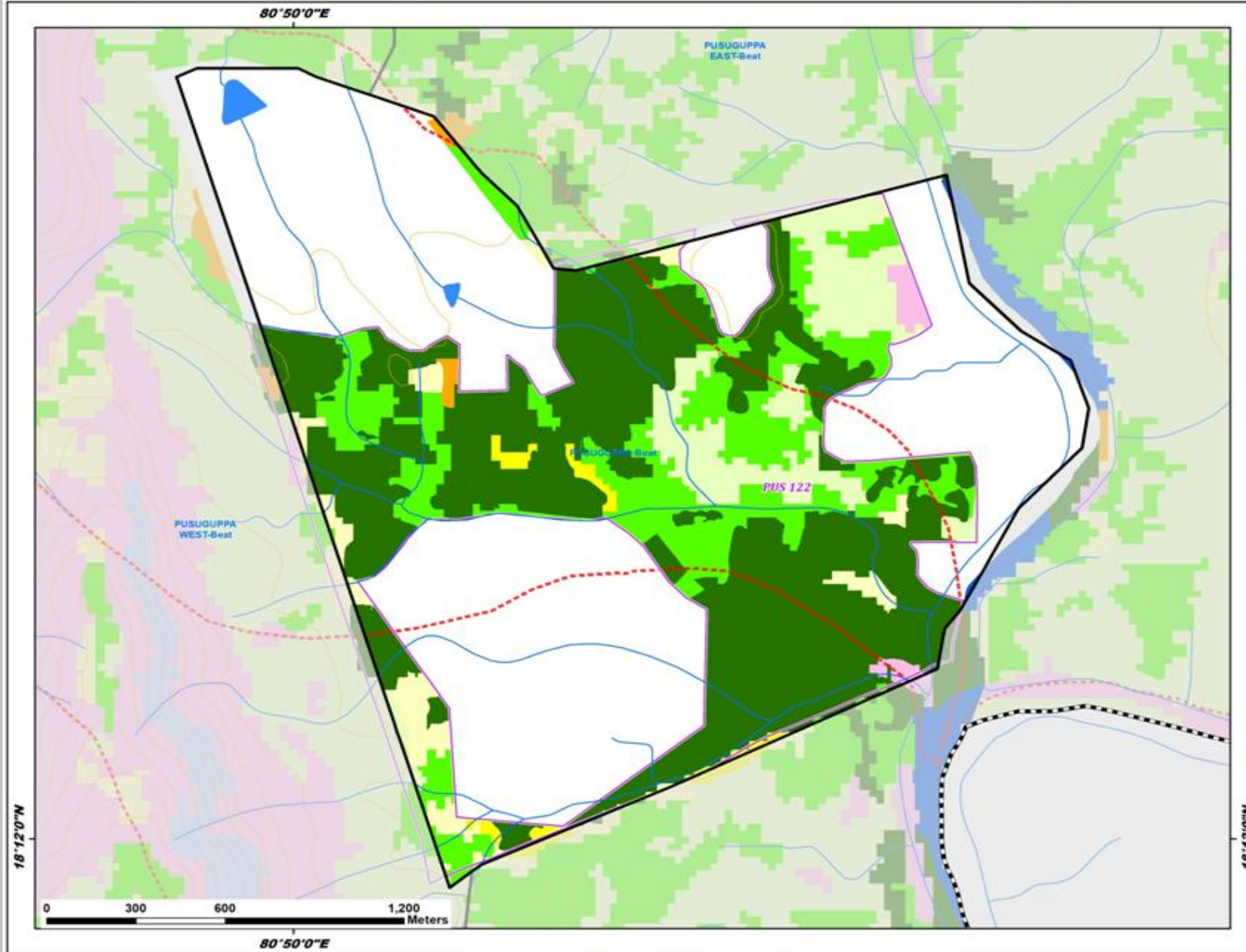
Suitability Index

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

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



Division : Bhadrachalam
Range : Charla



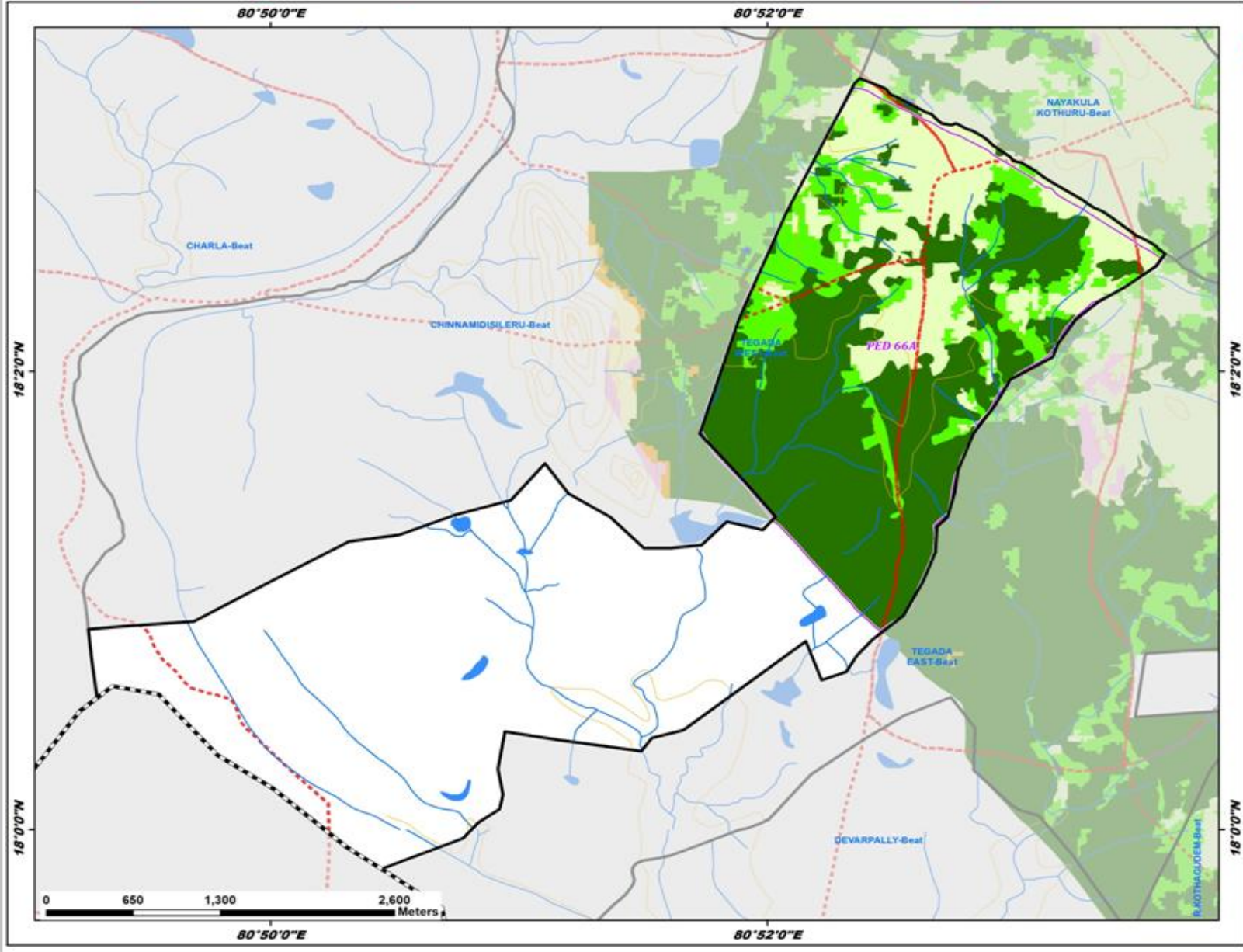
Legend

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

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



Division : Bhadrachalam
Range : Charla



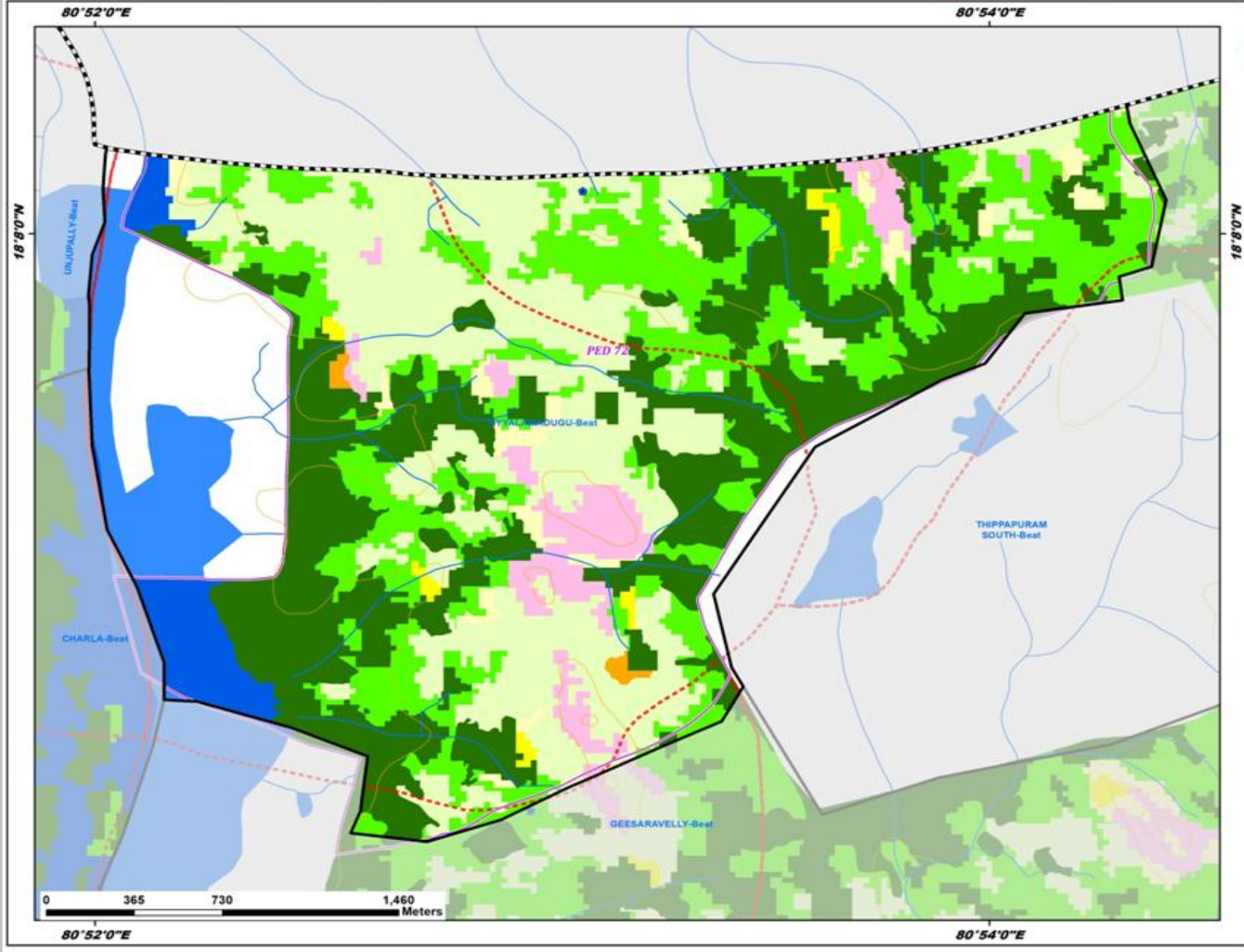
Legend

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

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



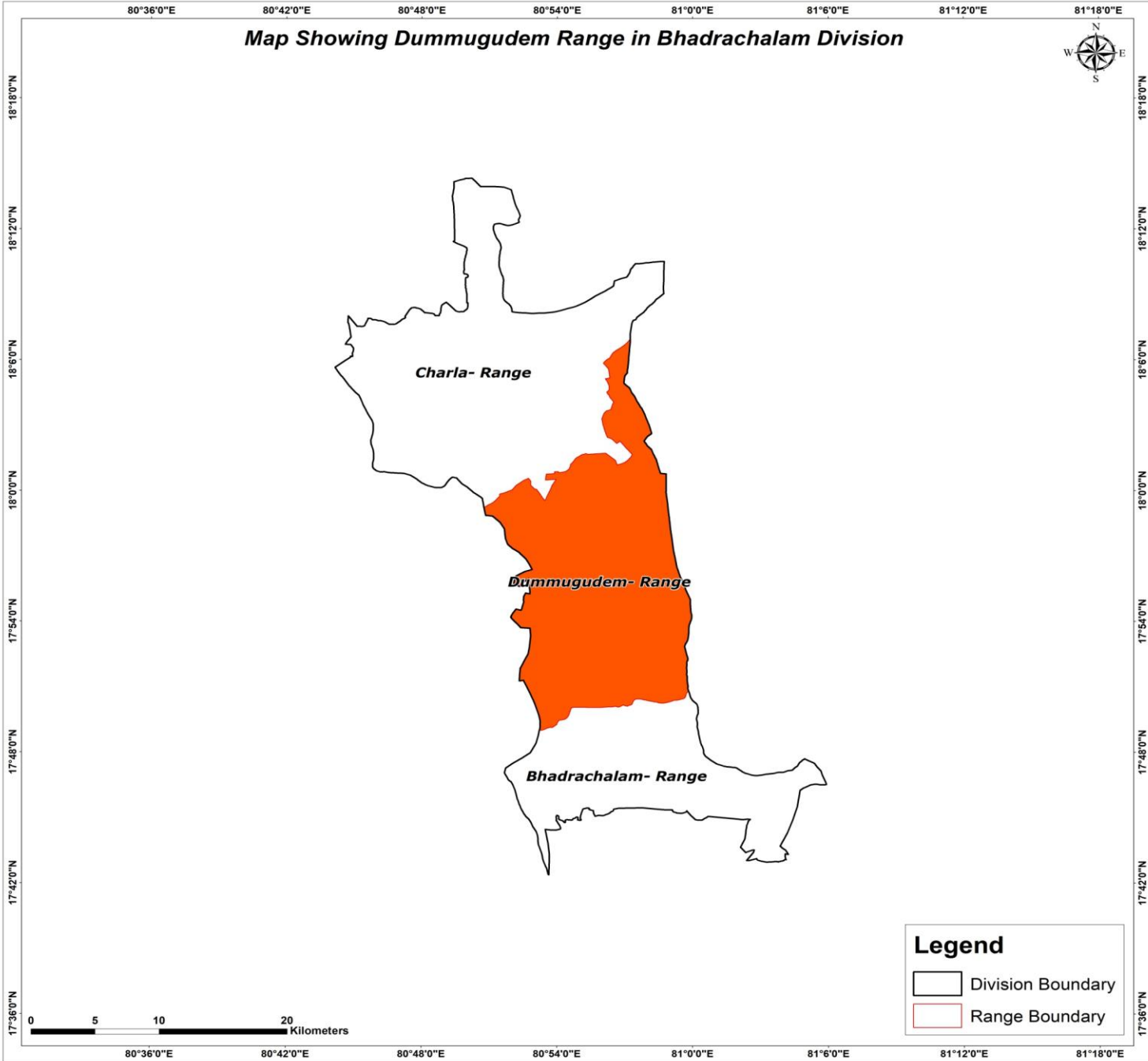
Division : Bhadrachalam
Range : Charla



Legend

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

Map Showing Dummugudem Range in Bhadrachalam Division



18.730°N 18.550°N 18.370°N 18.190°N 18.010°N 17.830°N 17.650°N 17.470°N 17.290°N

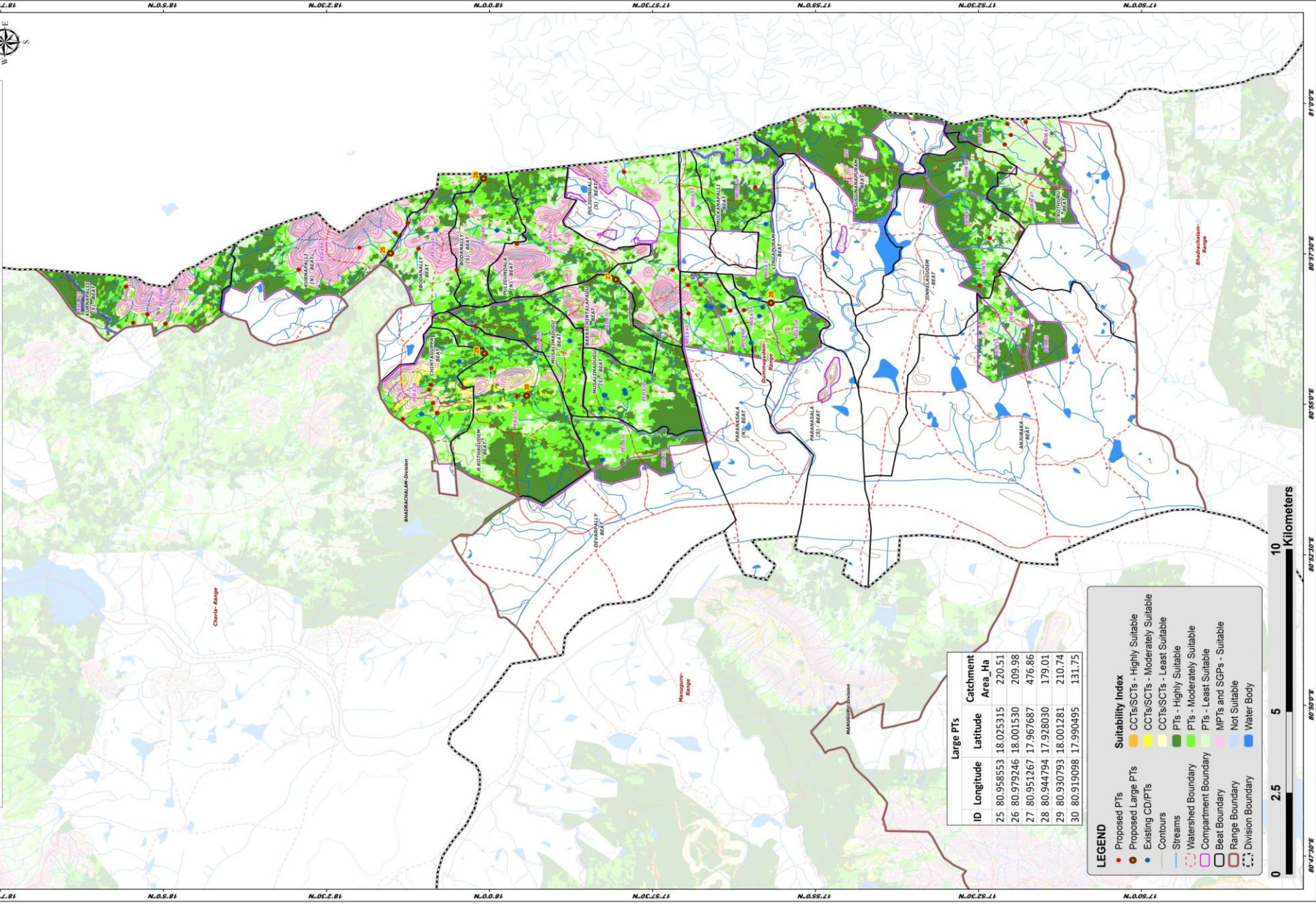
18.730°N 18.550°N 18.370°N 18.190°N 18.010°N 17.830°N 17.650°N 17.470°N 17.290°N

80.4730°E 80.5230°E 80.5730°E 80.6230°E 80.6730°E 80.7230°E 80.7730°E 80.8230°E 80.8730°E

80.4730°E 80.5230°E 80.5730°E 80.6230°E 80.6730°E 80.7230°E 80.7730°E 80.8230°E 80.8730°E



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



Large PTs		Catchment	
ID	Longitude	Latitude	Area_Ha
25	80.958553	18.025315	220.51
26	80.979246	18.001530	209.98
27	80.951267	17.967687	476.86
28	80.944794	17.928030	179.01
29	80.930793	18.001281	210.74
30	80.919098	17.990495	131.75

LEGEND

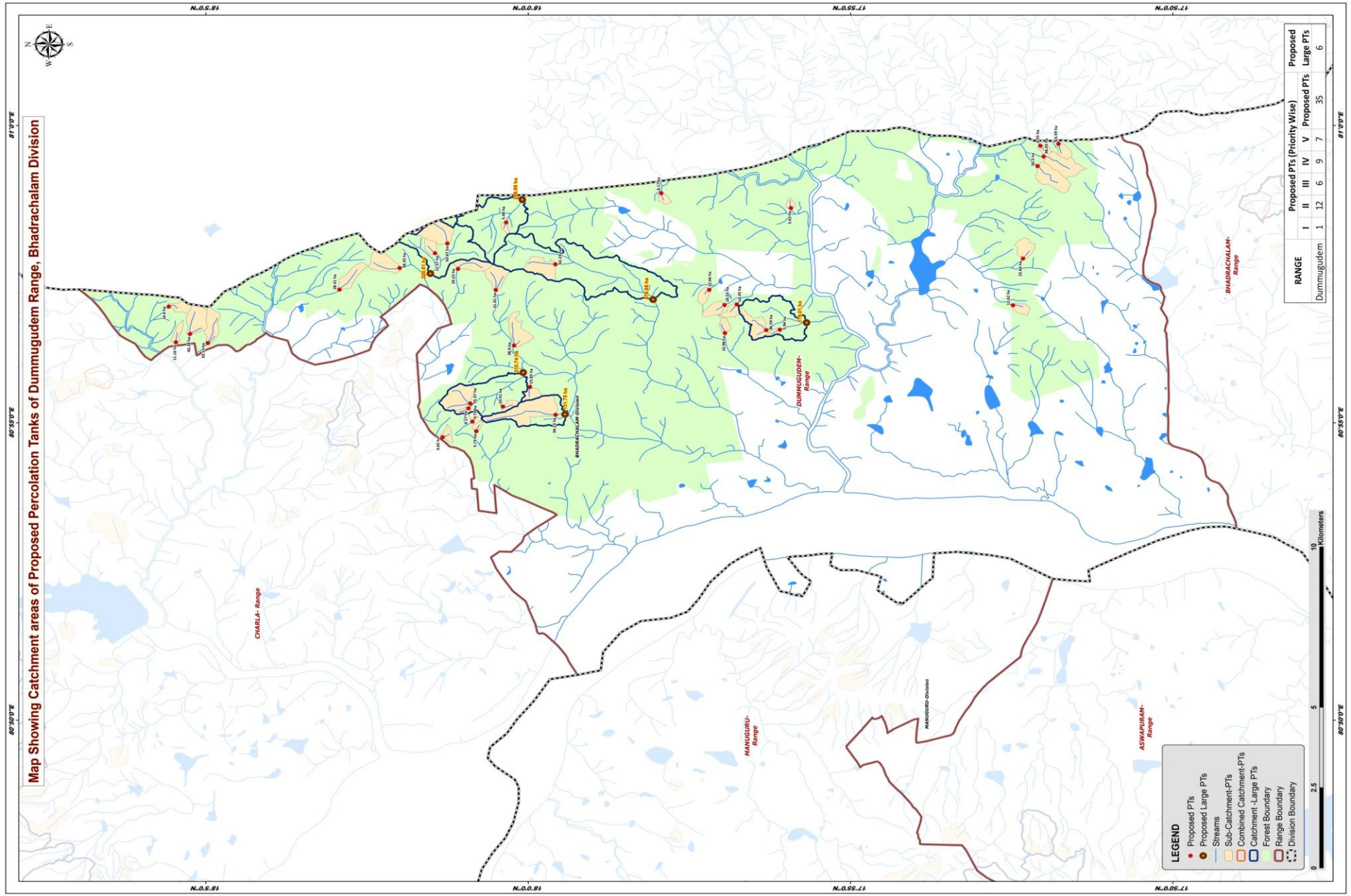
- Proposed PTs
- Existing CD/PTs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat Boundary
- Range Boundary
- Division Boundary

Suitability Index

- CCr's/SCr's - Highly Suitable
- CCr's/SCr's - Moderately Suitable
- CCr's/SCr's - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MP's and SCP's - Suitable
- Not Suitable
- Water Body



Map Showing Catchment areas of Proposed Percolation Tanks of Dummugudem Range, Bhadrachalam Division



LEGEND

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

RANGE	Proposed PTs (Priority Wise)					Proposed Large PTs
	I	II	III	IV	V	
Dummugudem	1	12	6	9	7	35
						6

Beat wise Abstract of Proposed PT's – Dummugudem Range

S. No.	Beat	Proposed PT's
1	BODANALLY	3
2	BODANALLY SOUTH	1
3	CHINTAGUPPA	6
4	D.KOTHURU	4
5	JINNELAGUDEM	2
6	KURNAPALLI NORTH	3
7	KURNAPALLI SOUTH	4
8	MULKANAPALLI	1
9	MUSALIMADUGU	1
10	PARANASALA NORTH	4
11	PARANASALA SOUTH	1
12	PULIGUNDALA NORTH	1
13	PULIGUNDALA SOUTH	2
14	R.KOTHAGUDEM	2
	Total	35

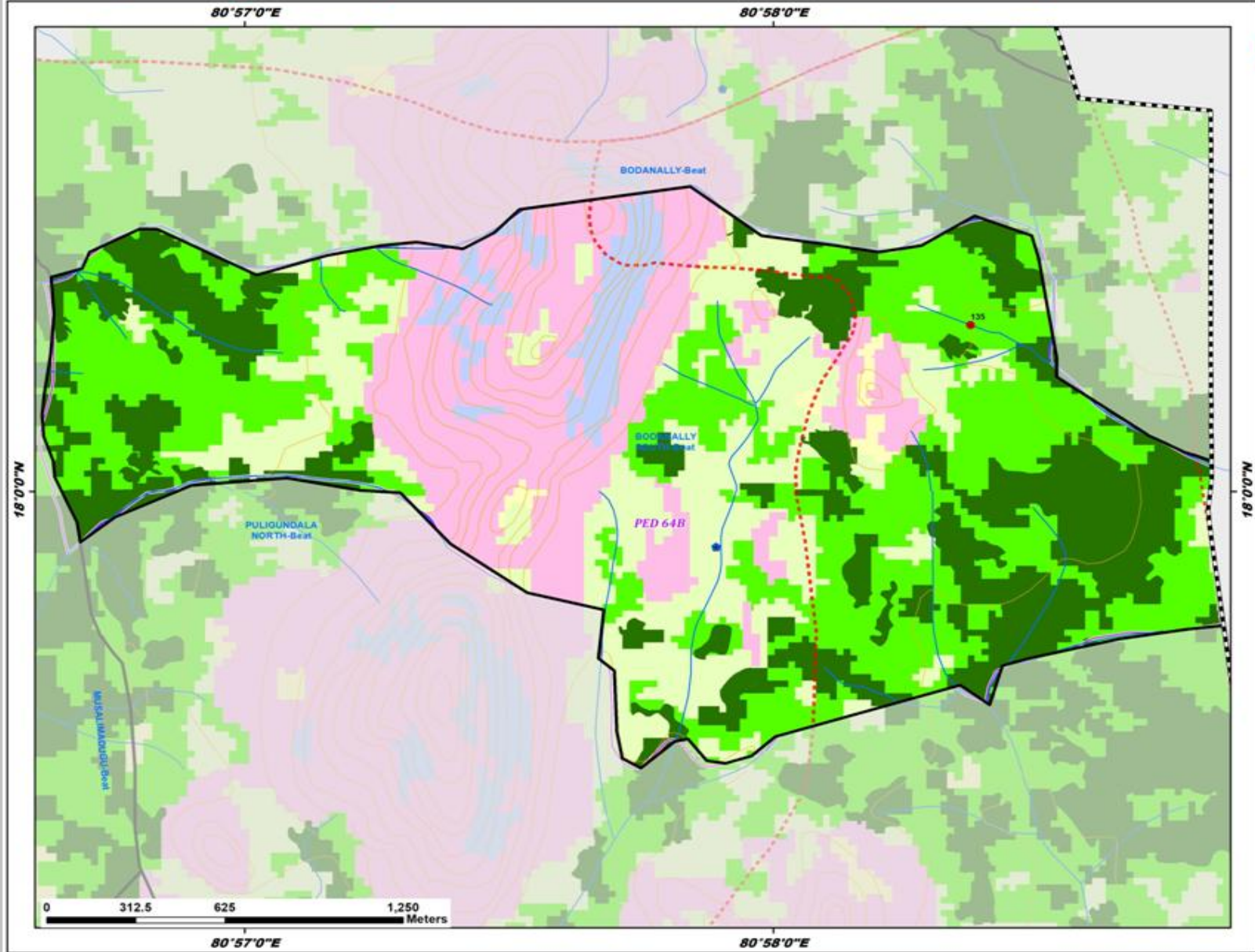
List of Proposed PTs – Dummugudem Range

ID	Latitude	Longitude	Catchment Area_Ha	Priority	RANGE	SECTION	BEAT
132	18.018165	80.959834	29.23	III	DUMMUGUDEM	BODANALLY	BODANALLY
133	18.008363	80.953927	31.81	III	DUMMUGUDEM	BODANALLY	BODANALLY
134	18.020887	80.966966	63.67	V	DUMMUGUDEM	BODANALLY	BODANALLY
135	18.005697	80.972889	5.48	II	DUMMUGUDEM	BODANALLY	BODANALLY SOUTH
136	17.992966	80.961129	42.23	V	DUMMUGUDEM	BODANALLY	PULIGUNDALA NORTH
137	17.965604	80.981057	8.17	IV	DUMMUGUDEM	BODANALLY	PULIGUNDALA SOUTH
138	17.953205	80.953981	12.66	IV	DUMMUGUDEM	BODANALLY	PULIGUNDALA SOUTH
139	18.003667	80.938379	38.90	III	DUMMUGUDEM	DEVARAPALLY	MUSALIMADUGU
140	17.862885	80.994882	13.59	IV	DUMMUGUDEM	DUMMUGUDEM	D.KOTHURU
141	17.867570	80.994361	6.55	IV	DUMMUGUDEM	DUMMUGUDEM	D.KOTHURU
142	17.868301	80.988672	50.30	V	DUMMUGUDEM	DUMMUGUDEM	D.KOTHURU
143	17.866689	80.991309	48.03	V	DUMMUGUDEM	DUMMUGUDEM	D.KOTHURU
144	17.874677	80.949650	12.62	II	DUMMUGUDEM	DUMMUGUDEM	JINNELAGUDEM
145	17.872068	80.962758	23.64	IV	DUMMUGUDEM	DUMMUGUDEM	JINNELAGUDEM
146	17.932068	80.976882	5.62	IV	DUMMUGUDEM	PARNASALA	MULKANAPALLI
147	17.946038	80.949895	14.45	I	DUMMUGUDEM	PARNASALA	PARANASALA NORTH
148	17.949206	80.949750	18.53	II	DUMMUGUDEM	PARNASALA	PARANASALA NORTH
149	17.949127	80.941853	10.96	IV	DUMMUGUDEM	PARNASALA	PARANASALA NORTH
150	17.938451	80.942683	36.59	V	DUMMUGUDEM	PARNASALA	PARANASALA NORTH
151	17.934915	80.942820	5.94	II	DUMMUGUDEM	PARNASALA	PARANASALA SOUTH
152	18.013437	80.914355	5.73	II	DUMMUGUDEM	R.KOTHAGUDEM	CHINTAGUPPA
153	18.022118	80.912675	9.65	II	DUMMUGUDEM	R.KOTHAGUDEM	CHINTAGUPPA
154	18.015446	80.920771	6.17	II	DUMMUGUDEM	R.KOTHAGUDEM	CHINTAGUPPA
155	18.006520	80.921263	10.01	II	DUMMUGUDEM	R.KOTHAGUDEM	CHINTAGUPPA
156	18.014442	80.917067	9.72	II	DUMMUGUDEM	R.KOTHAGUDEM	CHINTAGUPPA
157	18.014989	80.922144	55.37	IV	DUMMUGUDEM	R.KOTHAGUDEM	CHINTAGUPPA
158	18.024090	80.964240	12.57	II	DUMMUGUDEM	R.KOTHAGUDEM	KURNAPALLI NORTH
159	18.033239	80.960107	38.35	V	DUMMUGUDEM	R.KOTHAGUDEM	KURNAPALLI NORTH
160	18.048796	80.954025	28.41	V	DUMMUGUDEM	R.KOTHAGUDEM	KURNAPALLI NORTH
161	18.092936	80.949287	16.60	II	DUMMUGUDEM	R.KOTHAGUDEM	KURNAPALLI SOUTH
162	18.087451	80.941618	43.28	III	DUMMUGUDEM	R.KOTHAGUDEM	KURNAPALLI SOUTH
163	18.082827	80.939053	33.13	III	DUMMUGUDEM	R.KOTHAGUDEM	KURNAPALLI SOUTH
164	18.091094	80.939286	11.16	IV	DUMMUGUDEM	R.KOTHAGUDEM	KURNAPALLI SOUTH
165	17.999528	80.926765	15.83	II	DUMMUGUDEM	R.KOTHAGUDEM	R.KOTHAGUDEM
166	17.992904	80.918964	94.23	III	DUMMUGUDEM	R.KOTHAGUDEM	R.KOTHAGUDEM

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



Division : Bhadrachalam
Range : Dummugudem



ID	Latitude	Longitude	Catchment Area_Ha	Priority
135	18.005697	80.972889	5.48	II

Legend

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

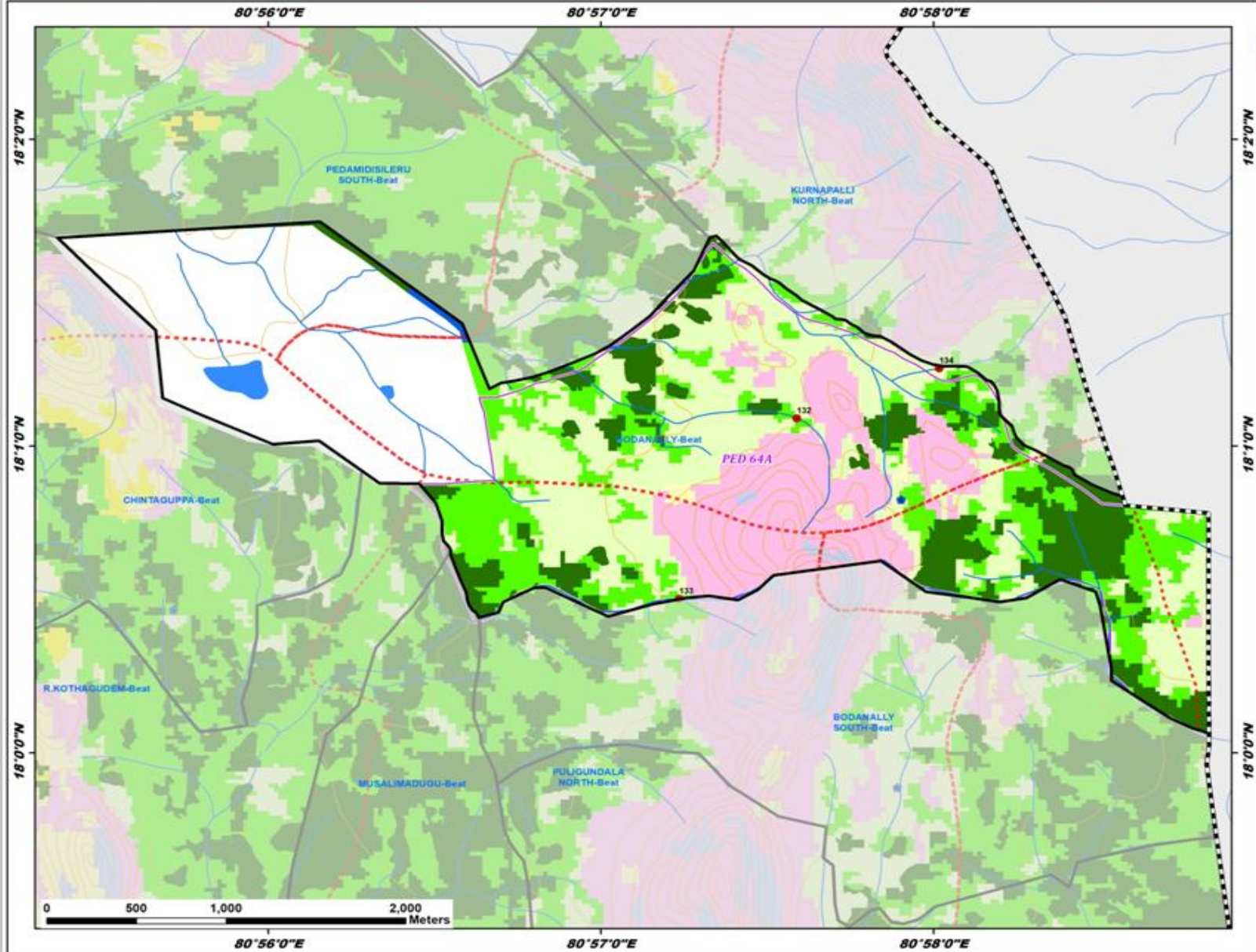
Suitability Index

- 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 Bodanally Beat



Division : Bhadrachalam
Range : Dummugudem



ID	Latitude	Longitude	Catchment Area_Ha	Priority
132	18.018165	80.959834	29.23	III
133	18.008363	80.953927	31.81	III
134	18.020887	80.966966	63.67	V

Legend

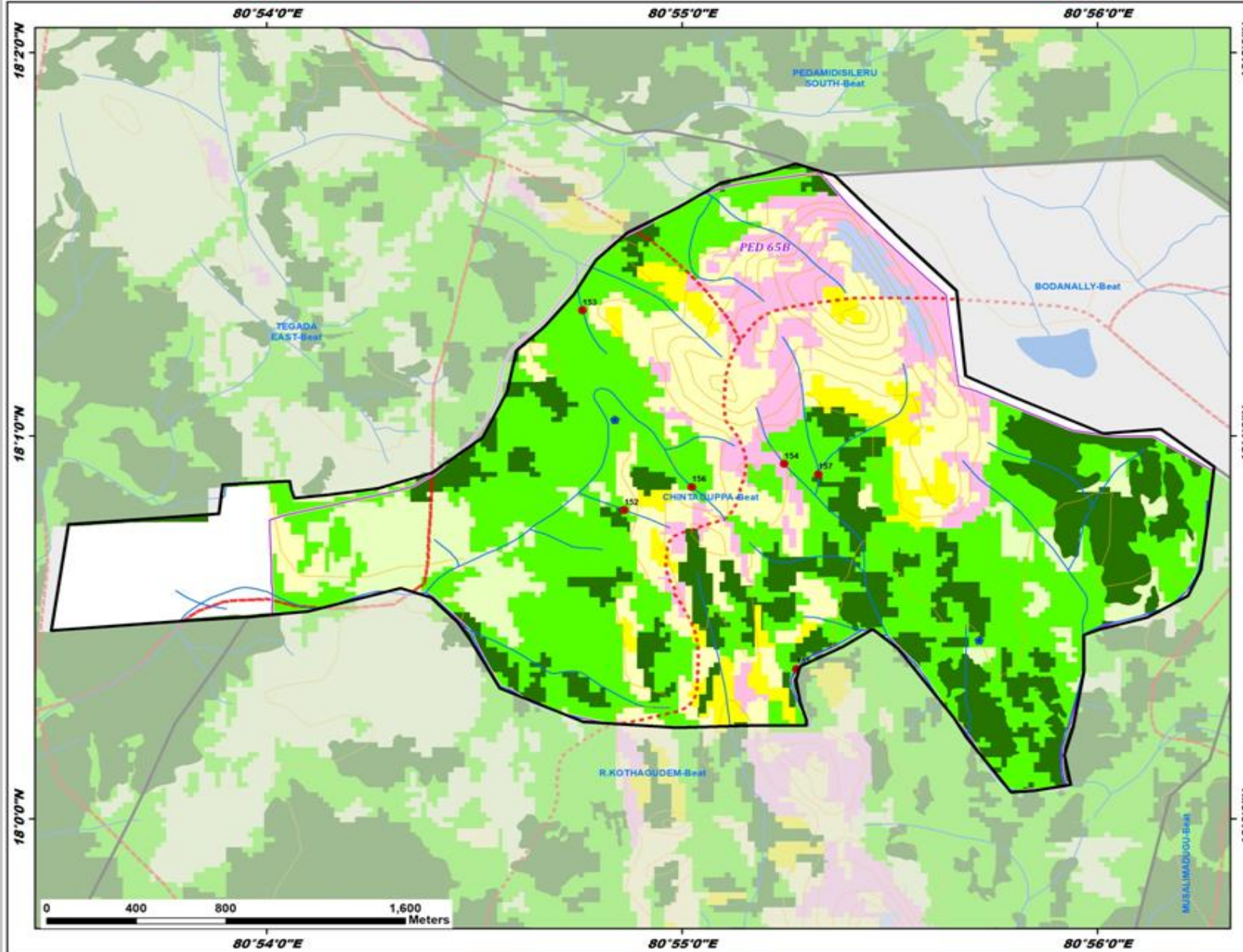
- Proposed_PTs
- Existing CD/PTs
- Contours
- Streams
- Watershed Boundary
- Compartment Boundary
- Beat Boundary
- Division Boundary

- ### 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 Chintaguppa Beat



Division : Bhadrachalam
Range : Dummugudem



ID	Latitude	Longitude	Catchment Area_Ha	Priority
152	18.013437	80.914355	5.73	II
153	18.022118	80.912675	9.65	II
154	18.015446	80.920771	6.17	II
155	18.006520	80.921263	10.01	II
156	18.014442	80.917067	9.72	II
157	18.014989	80.922144	55.37	IV

Legend

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

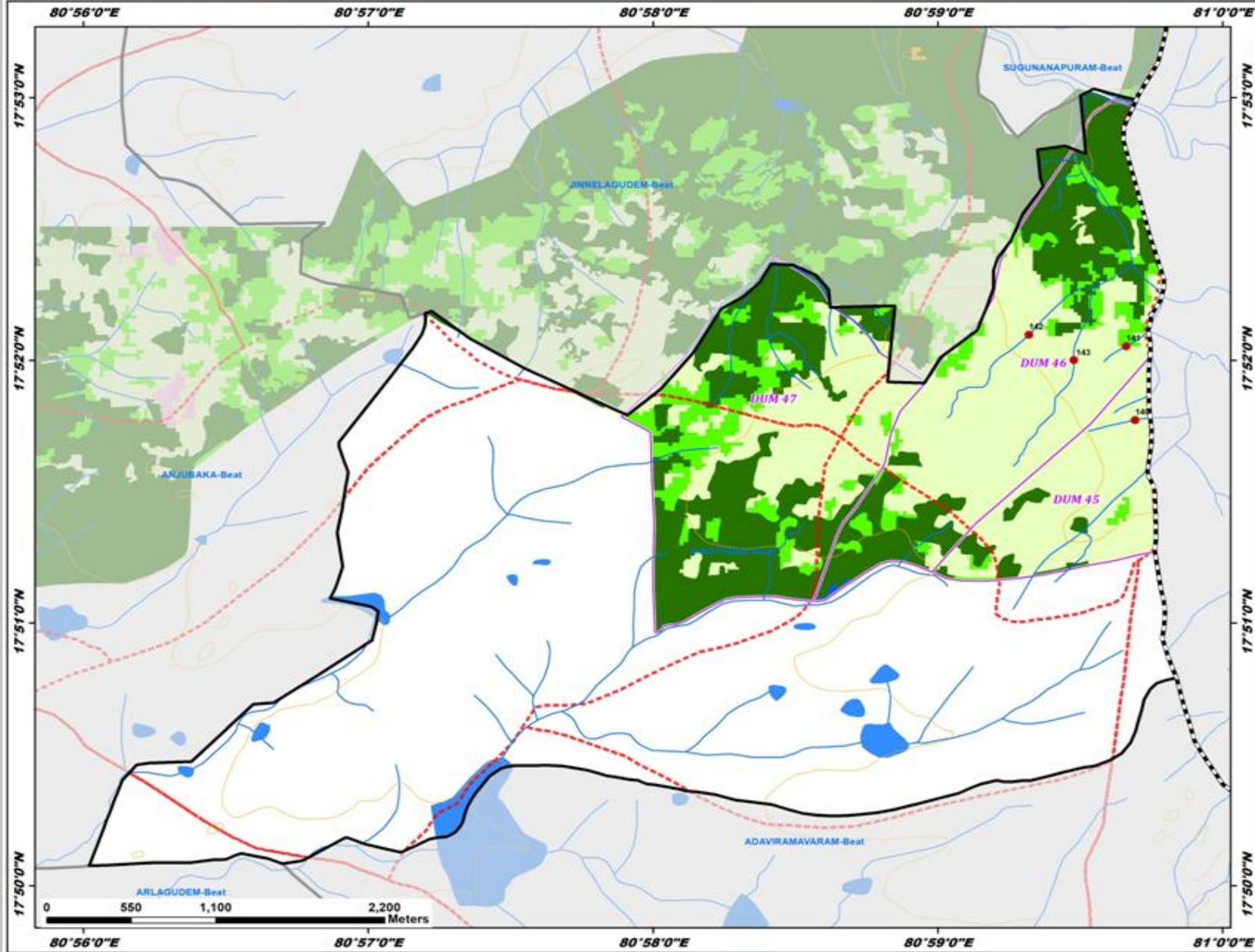
Suitability Index

- 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 D. Kothuru Beat



Division : Bhadrachalam
Range : Dummugudem



ID	Latitude	Longitude	Catchment Area_Ha	Priority
140	17.862885	80.994882	13.59	IV
141	17.867570	80.994361	6.55	IV
142	17.868301	80.988672	50.30	V
143	17.866689	80.991309	48.03	V

Legend

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

Suitability Index

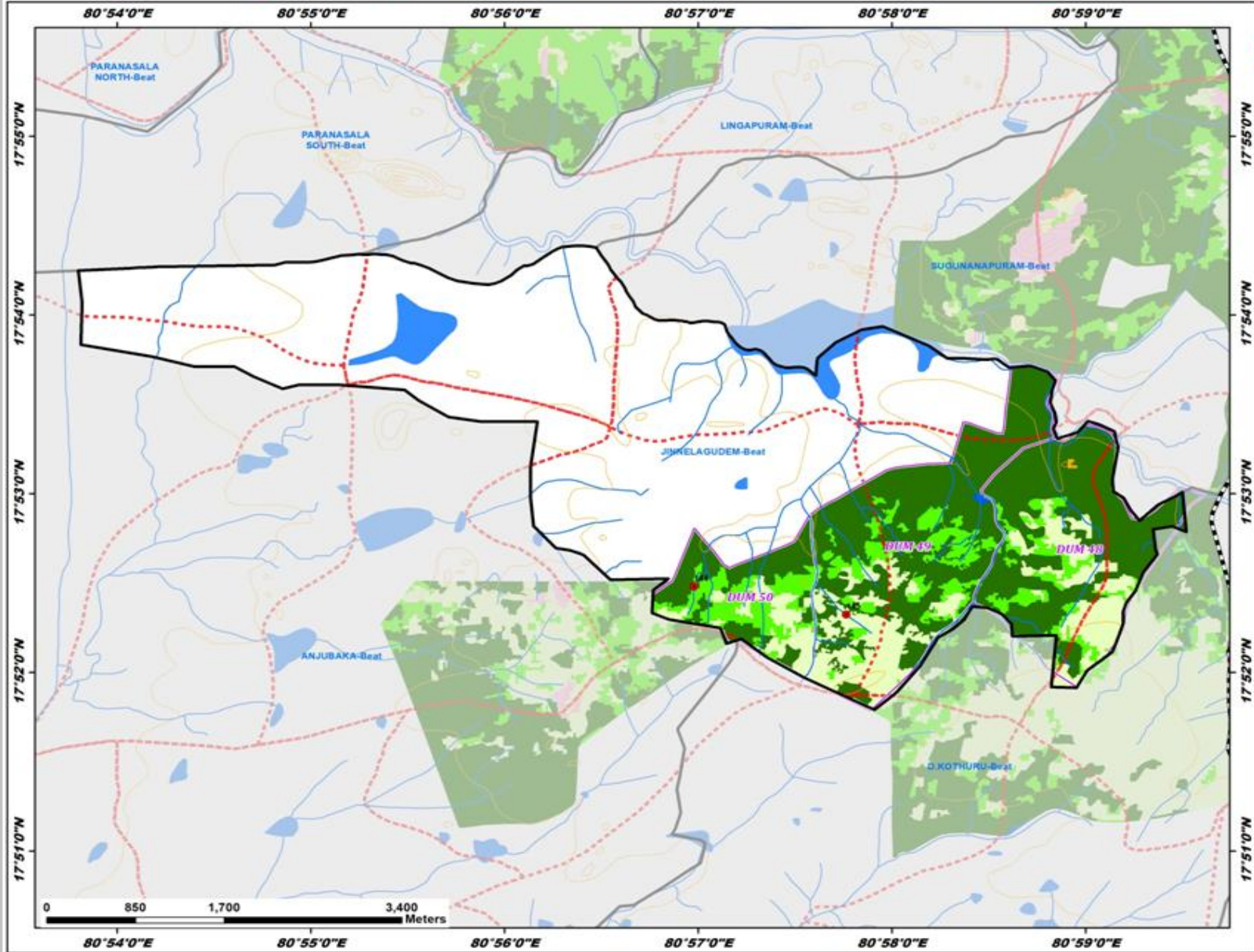
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body



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



Division : Bhadrachalam
Range : Dummugudem



ID	Latitude	Longitude	Catchment Area_Ha	Priority
144	17.874677	80.949650	12.62	II
145	17.872068	80.962758	23.64	IV

Legend

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

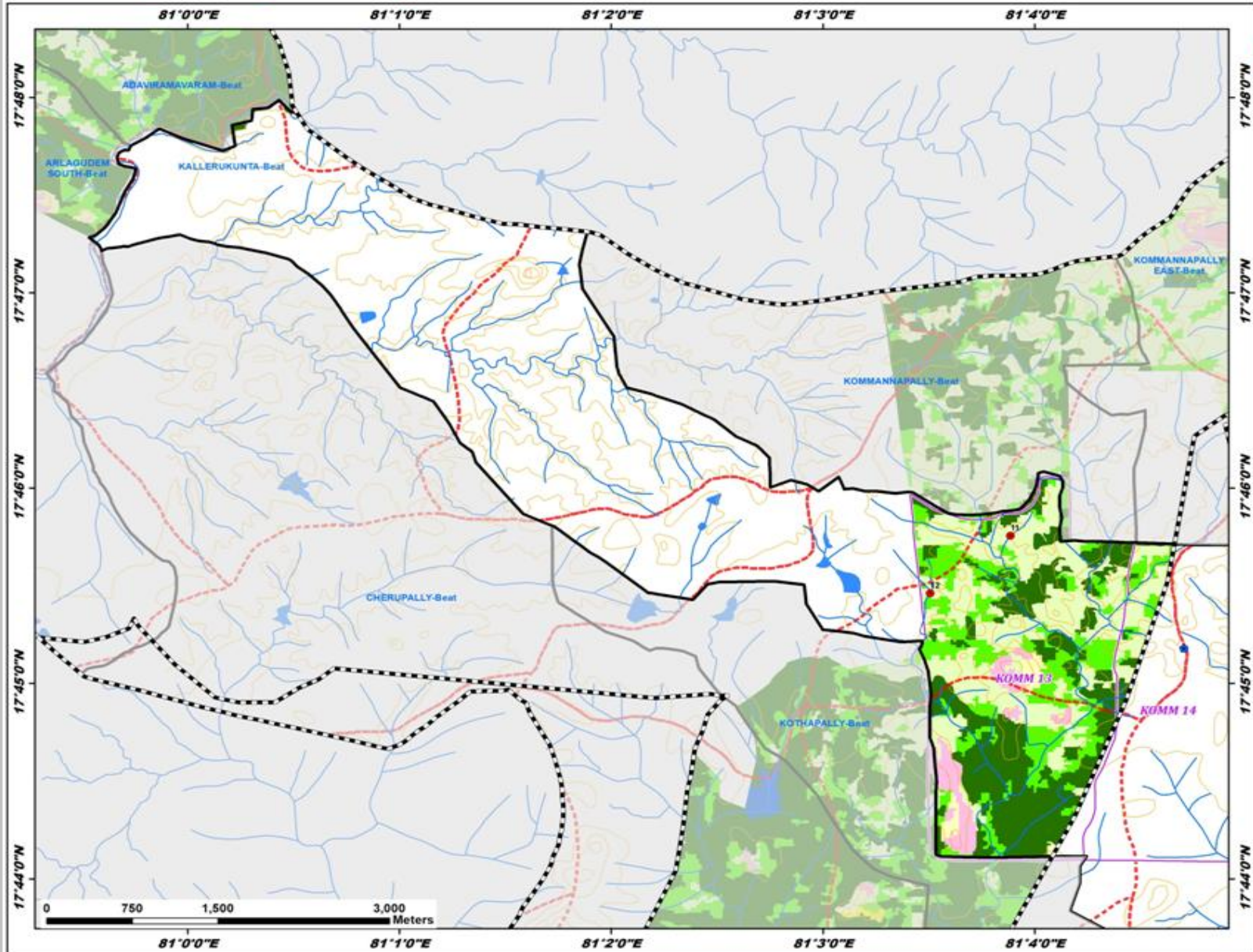
Suitability Index

- CCTs/SCTs - Highly Suitable
- CCTs/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 Kallerukunta Beat



Division : Bhadrachalam
Range : Dummugudem



ID	Latitude	Longitude	Catchment Area_Ha	Priority
11	17.762612	81.064766	8.89	IV
12	17.757709	81.058454	30.40	V

Legend

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

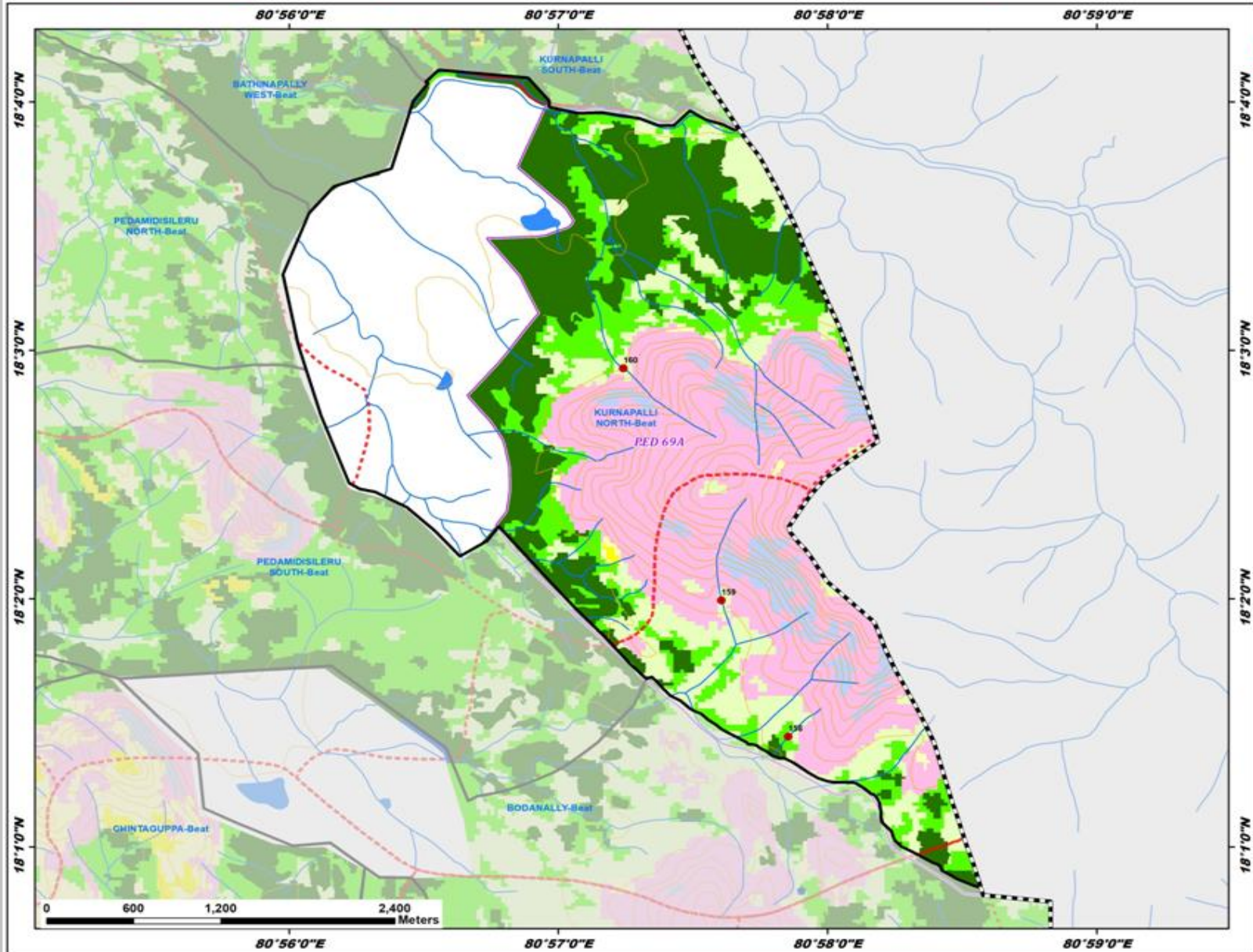
Suitability Index

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

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



Division : Bhadrachalam
Range : Dummugudem



ID	Latitude	Longitude	Catchment Area_Ha	Priority
158	18.024090	80.964240	12.57	II
159	18.033239	80.960107	38.35	V
160	18.048796	80.954025	28.41	V

Legend

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

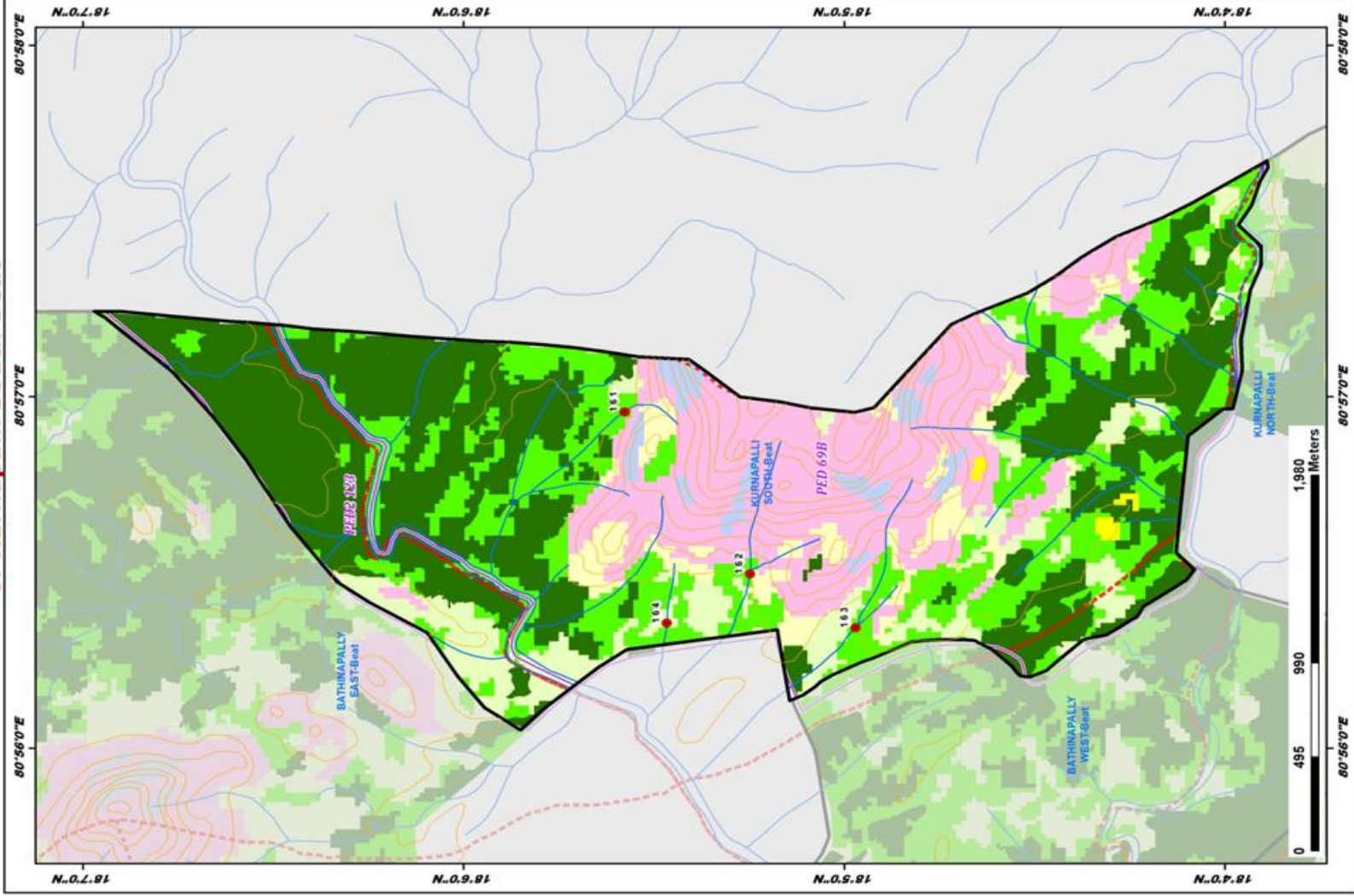
Suitability Index

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

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



Division : Bhadrachalam
Range : Dummugudem



ID	Latitude	Longitude	Catchment Area_Ha	Priority
161	18.092936	80.949287	16.60	II
162	18.087451	80.941618	43.28	III
163	18.086827	80.939053	33.13	III
164	18.091094	80.939286	11.16	IV

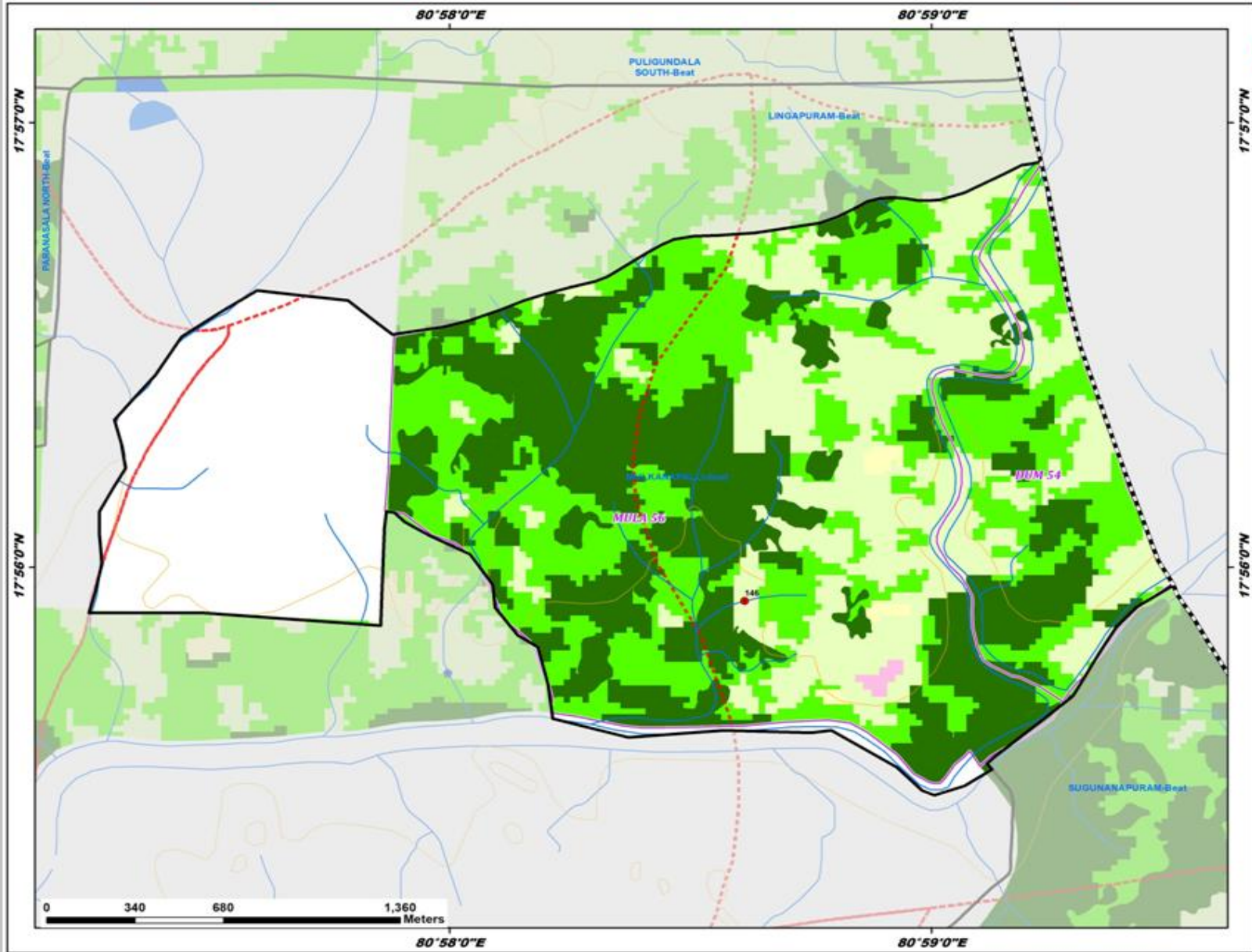
LEGEND

- Proposed_PTs (Red dot)
 - Existing CD/PTs (Blue dot)
 - Contours (Brown line)
 - Streams (Blue line)
 - Watershed Boundary (Dashed red line)
 - Compartment Boundary (Dashed purple line)
 - Beat Boundary (Black outline)
 - Division Boundary (Black outline)
- ### 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 (Pink)
 - MPTs and SGPs - Suitable (Light Blue)
 - Not Suitable (White)
 - Water Body (Blue)

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



Division : Bhadrachalam
Range : Dummugudem



ID	Latitude	Longitude	Catchment Area_Ha	Priority
146	17.932068	80.976882	5.62	IV

Legend

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

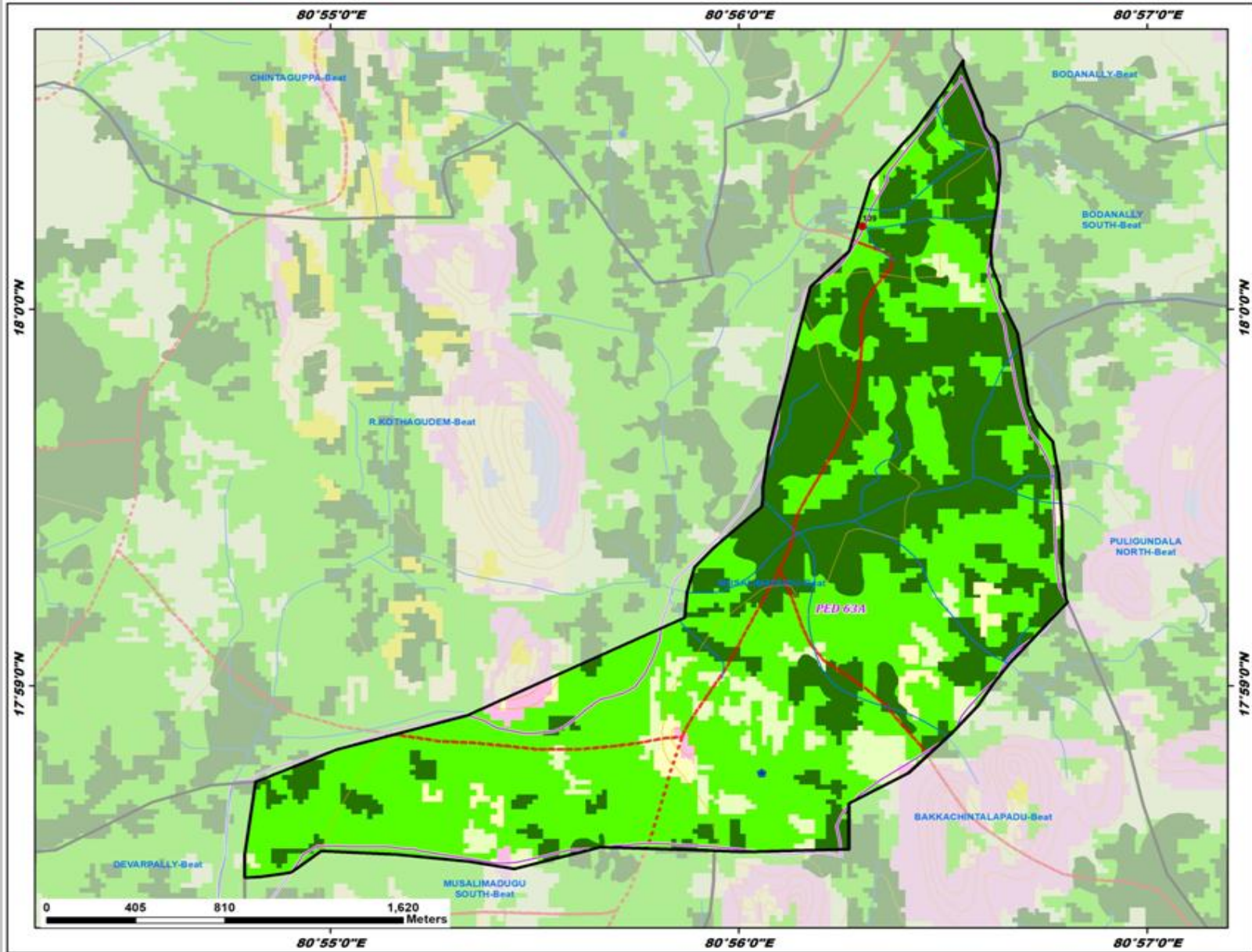
Suitability Index

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

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



Division : Bhadrachalam
Range : Dummugudem



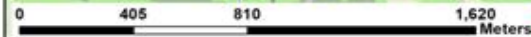
ID	Latitude	Longitude	Catchment Area_Ha	Priority
139	18.003667	80.938379	38.90	III

Legend

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

Suitability Index

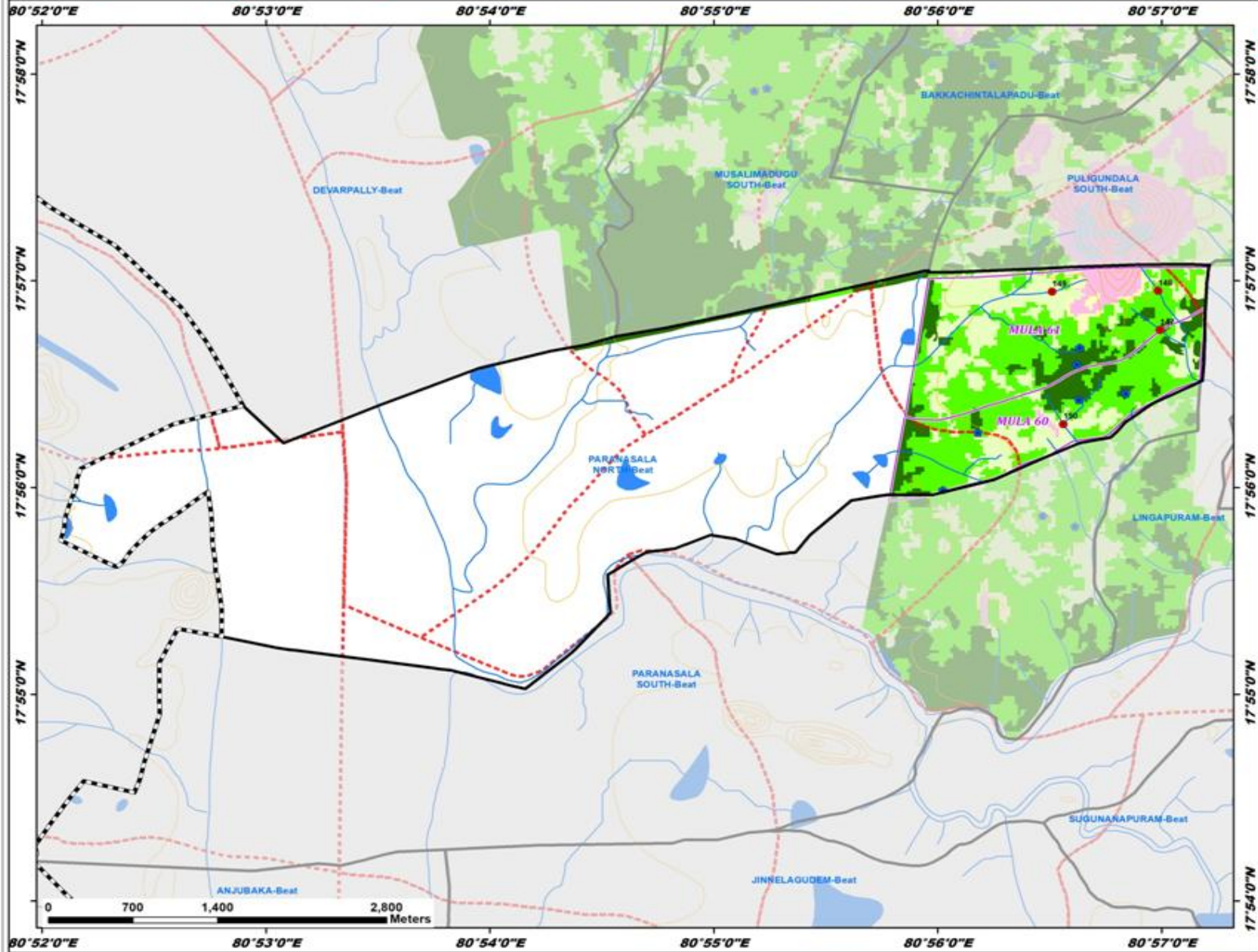
- CCTs/SCTs - Highly Suitable
- CCTs/SCTs - Moderately Suitable
- CCTs/SCTs - Least Suitable
- PTs - Highly Suitable
- PTs - Moderately Suitable
- PTs - Least Suitable
- MPTs and SGPs - Suitable
- Not Suitable
- Water Body



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



Division : Bhadrachalam
Range : Dummugudem



ID	Latitude	Longitude	Catchment Area_Ha	Priority
147	17.946038	80.949895	14.45	I
148	17.949206	80.949750	18.53	II
149	17.949127	80.941853	10.96	IV
150	17.938451	80.942683	36.59	V

Legend

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

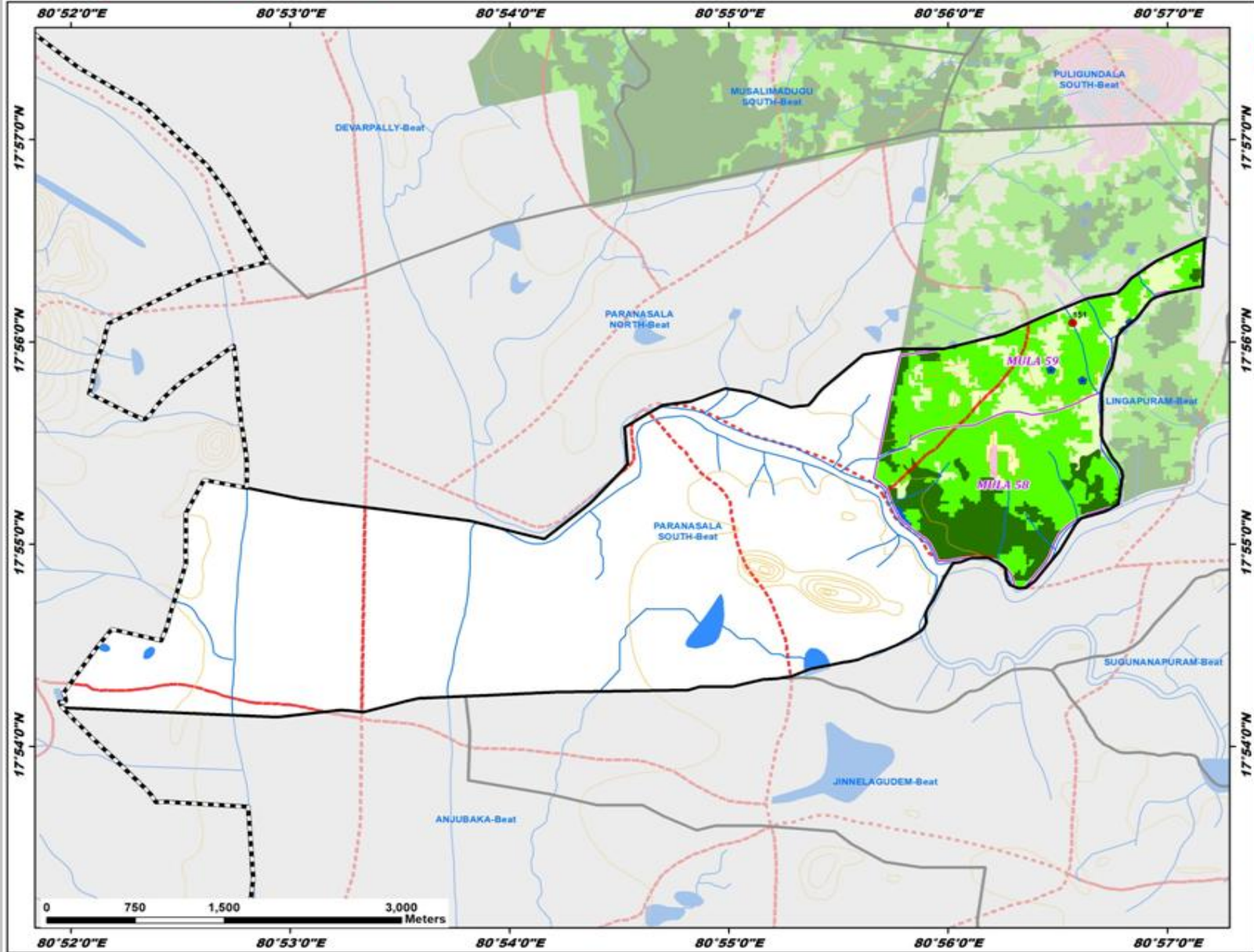
Suitability Index

- 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 Paranasala South Beat



Division : Bhadrachalam
Range : Dummugudem



ID	Latitude	Longitude	Catchment Area_Ha	Priority
151	17.934915	80.942820	5.94	II

Legend

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

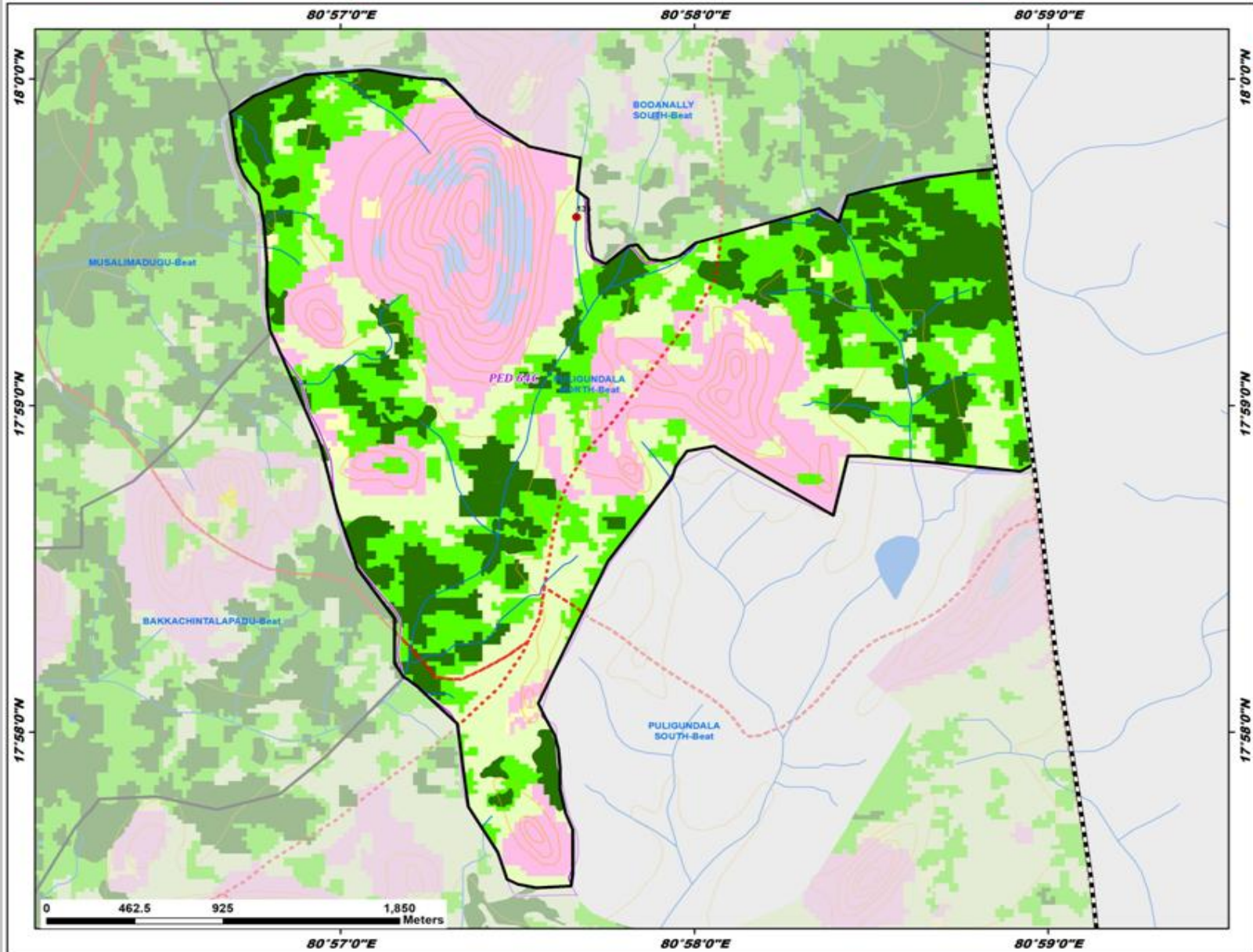
Suitability Index

- 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 Puligundala North Beat



Division : Bhadrachalam
Range : Dummugudem



ID	Latitude	Longitude	Catchment Area_Ha	Priority
136	17.992966	80.961129	42.23	V

Legend

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

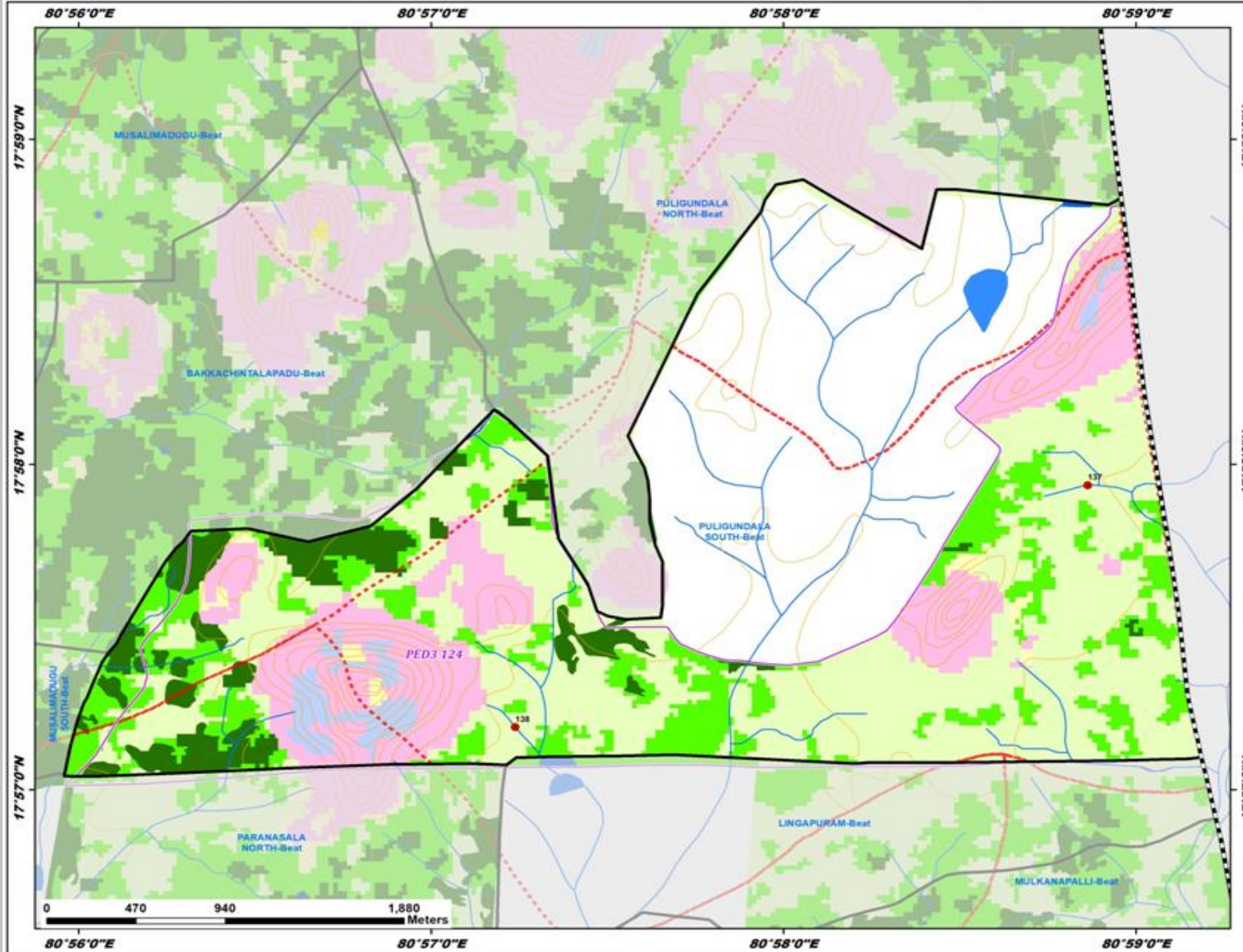
Suitability Index

- 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 Puligundala South Beat



Division : Bhadrachalam
Range : Dummugudem



ID	Latitude	Longitude	Catchment Area_Ha	Priority
137	17.965604	80.981057	8.17	IV
138	17.953205	80.953981	12.66	IV

Legend

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

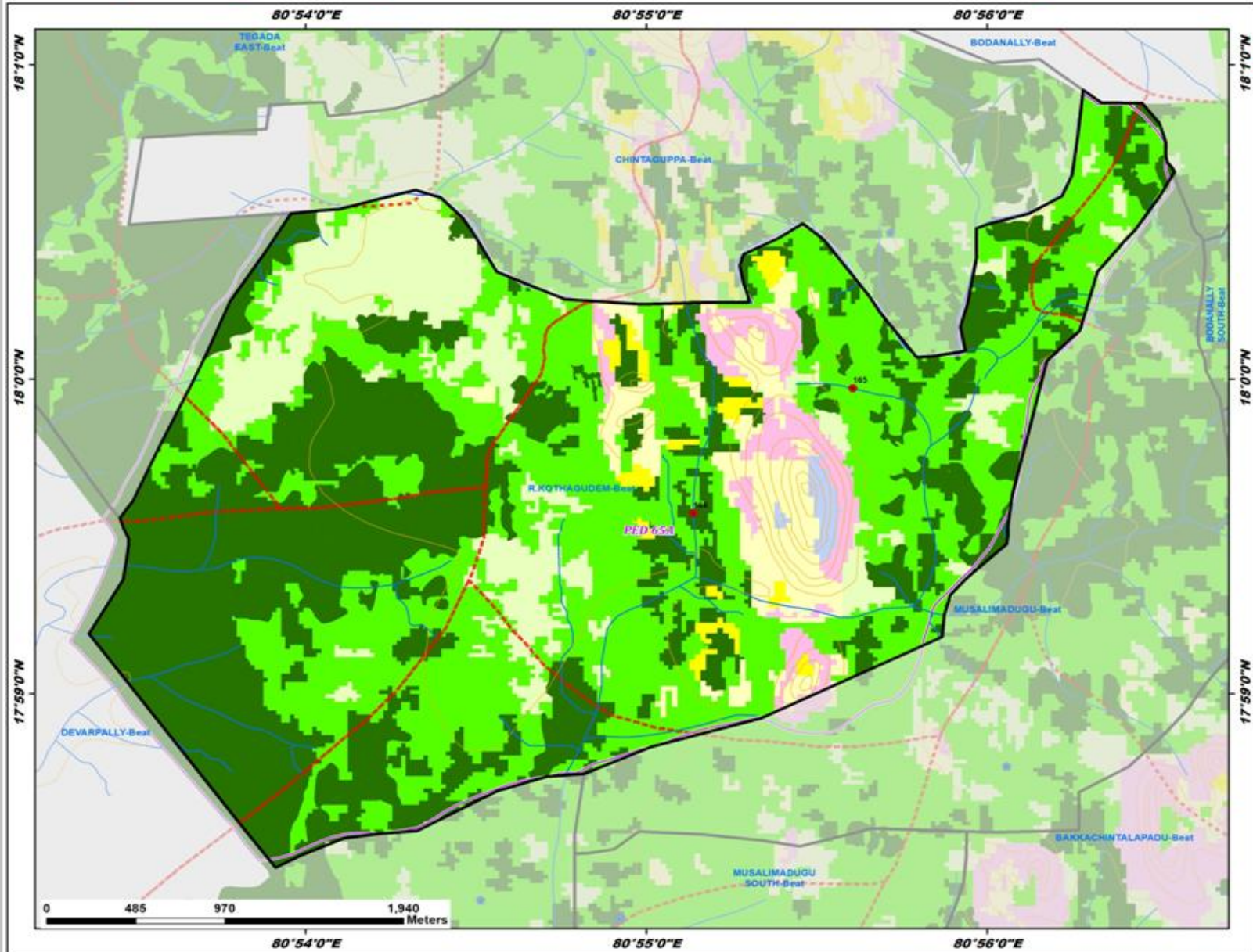
Suitability Index

- 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 R. Kothagudem Beat



Division : Bhadrachalam
Range : Dummugudem



ID	Latitude	Longitude	Catchment Area_Ha	Priority
165	17.999528	80.926765	15.83	II
166	17.992904	80.918964	94.23	III

Legend

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

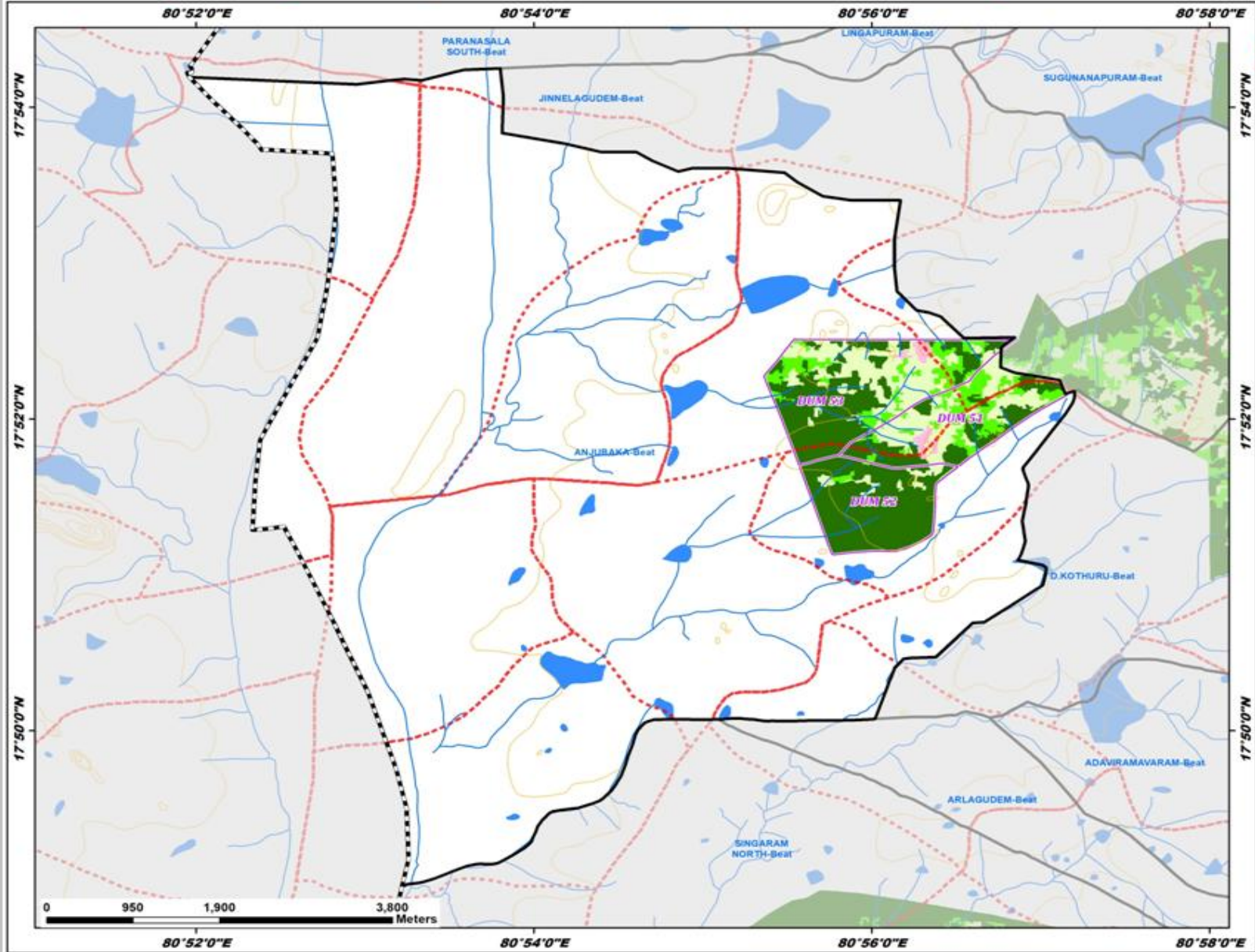
Suitability Index

- 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 Anjubaka Beat



Division : Bhadrachalam
Range : Dummugudem



Legend

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

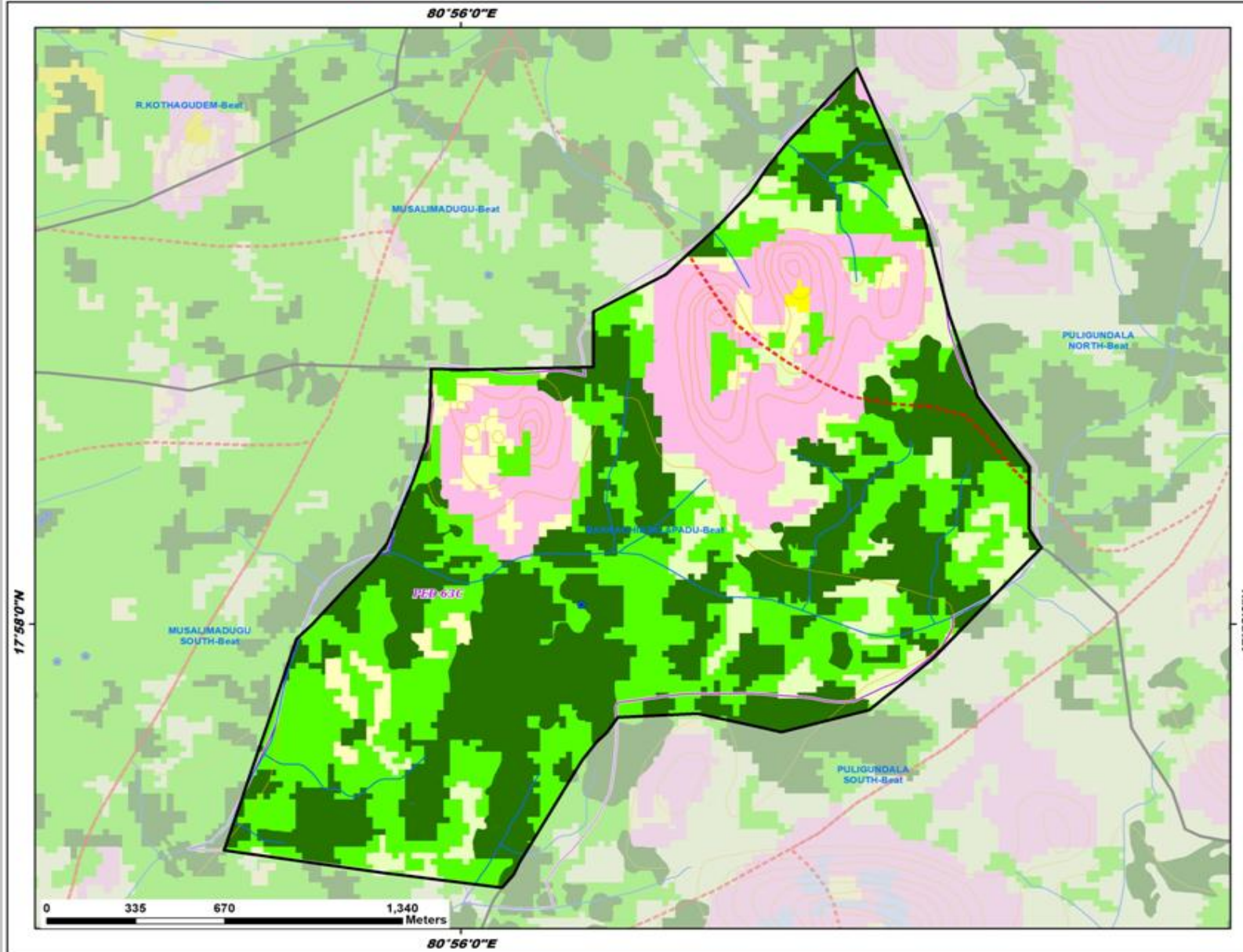
Suitability Index

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

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



Division : Bhadrachalam
Range : Dummugudem



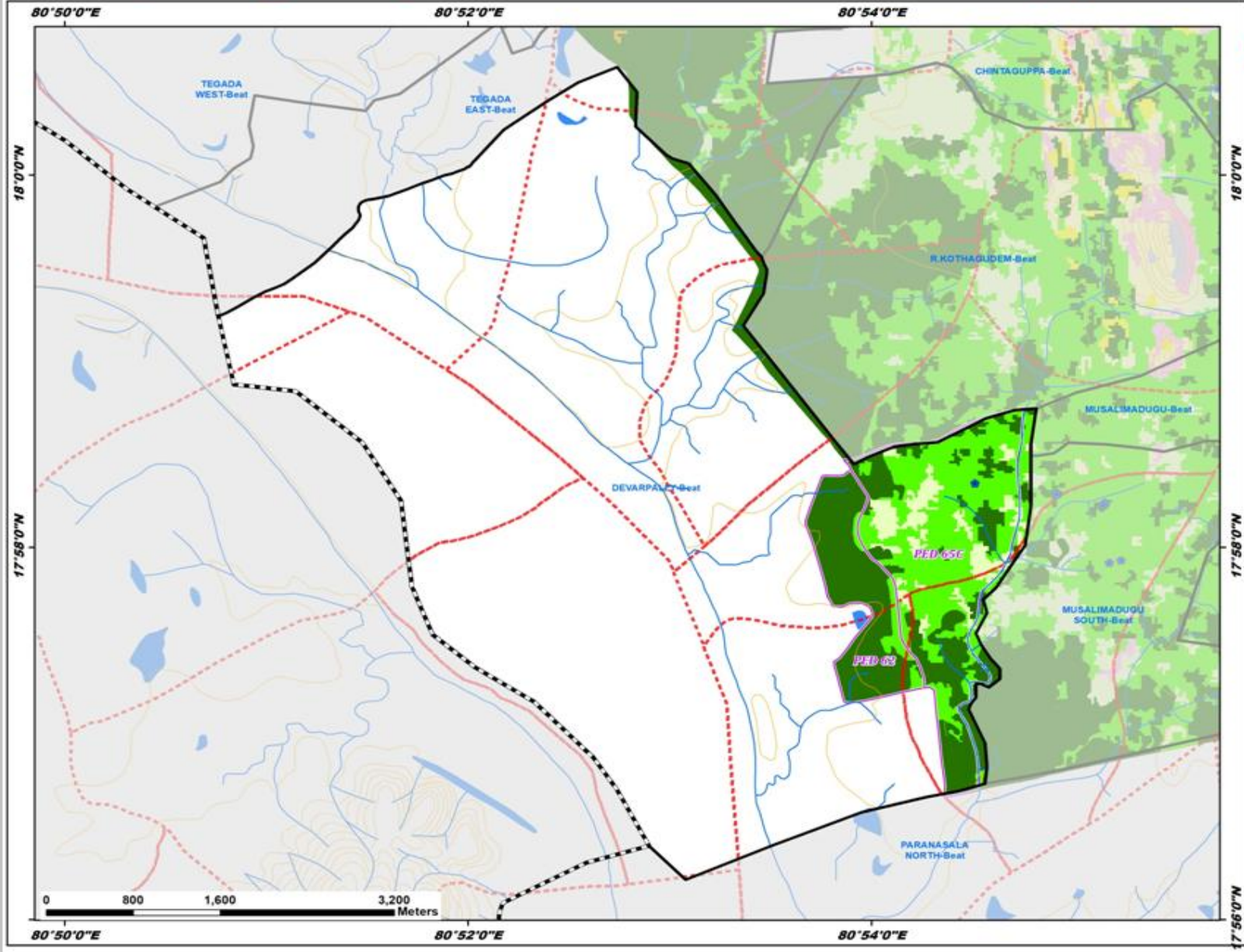
Legend

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

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



Division : Bhadrachalam
Range : Dummugudem



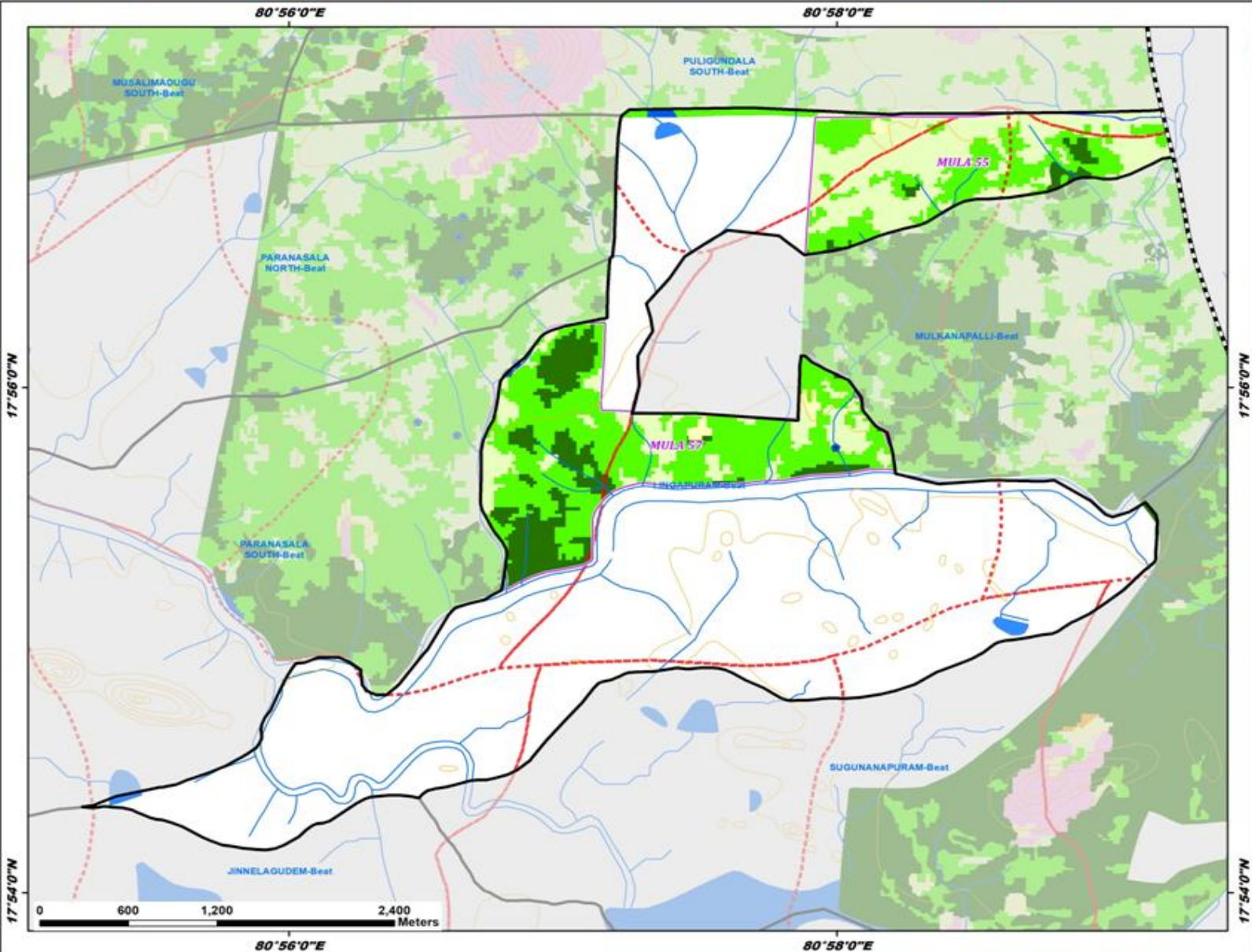
Legend

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

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



Division : Bhadrachalam
Range : Dummugudem



Legend

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

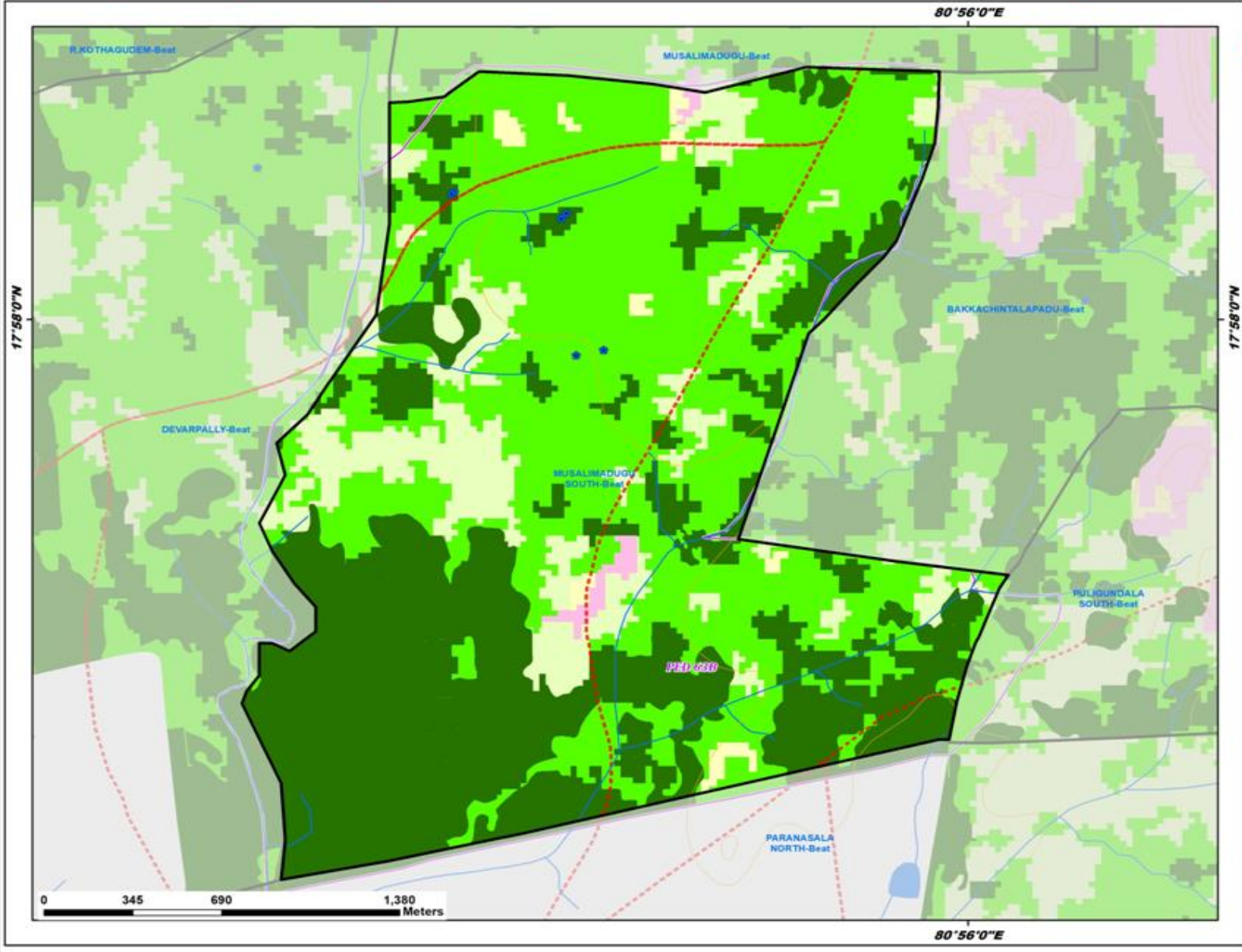
Suitability Index

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

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



Division : Bhadrachalam
Range : Dummugudem



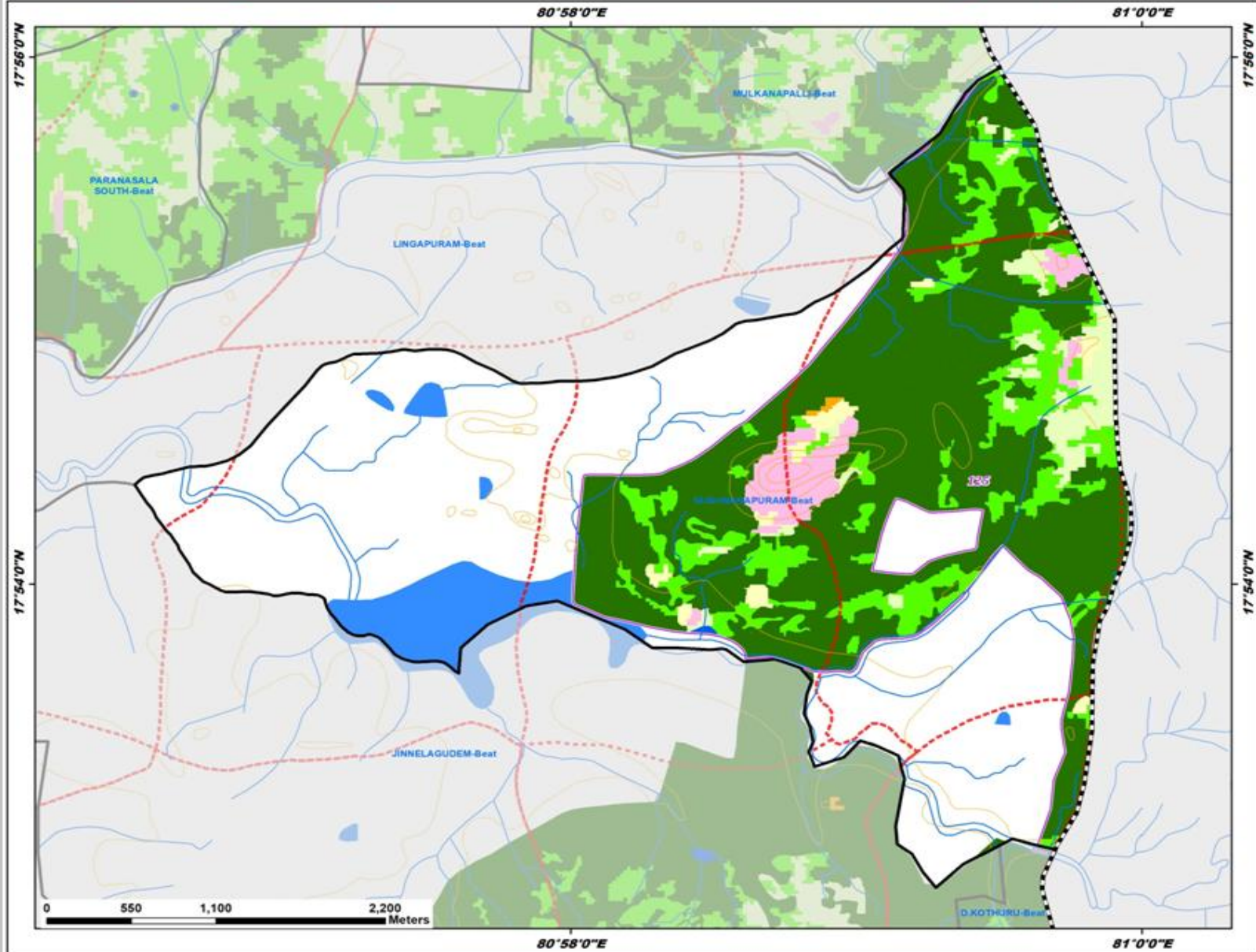
Legend

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

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



Division : Bhadrachalam
Range : Dummugudem



Legend

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

Suitability Index

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