

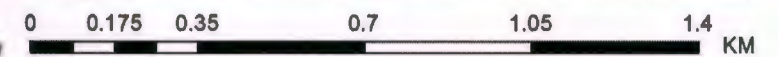
**MAP SHOWING PROPOSED WATER PIPELINE AND STRUCTURES LAYOUT
FOR TELANGANA DRINKING WATER SUPPLY PROJECT.
(MANGAPET SEGMENT 20/2, SET-1) WARANGAL DISTRICT**

ID	LONGITUDE	LATITUDE	ID	LONGITUDE	LATITUDE
1	80.50123472	18.25527250	39	80.49051841	18.23119995
2	80.50031767	18.25571388	40	80.48997889	18.23080790
3	80.49971484	18.25613908	41	80.48969077	18.23073949
4	80.49833930	18.25669408	42	80.48912613	18.23028324
5	80.49759433	18.25713380	43	80.48937868	18.23051855
6	80.50056620	18.24036007	44	80.48854664	18.22968143
7	80.50083270	18.24072098	45	80.48873510	18.22998432
8	80.50026890	18.23996574	46	80.48807580	18.22927471
9	80.50001043	18.23961391	47	80.48831123	18.22949112
10	80.49974031	18.23924645	48	80.48783182	18.22908951
11	80.49945687	18.23886774	49	80.48758121	18.22893783
12	80.49922058	18.23853446	50	80.48709326	18.22864826
13	80.49890167	18.23808963	51	80.48592637	18.22805418
14	80.49856582	18.23761707	52	80.48675928	18.22849261
15	80.49839093	18.23737568	53	80.48553648	18.22783481
16	80.49820124	18.23710042	54	80.48508261	18.22763727
17	80.49785818	18.23664467	55	80.48420135	18.22732025
18	80.49762974	18.23631453	56	80.48474576	18.22750685
19	80.49708047	18.23548118	57	80.48366931	18.22708814
20	80.49734493	18.23588424	58	80.48390849	18.22726905
21	80.49675979	18.23513904	59	80.48294118	18.22682004
22	80.49632465	18.23485842	60	80.48332274	18.22699089
23	80.49600013	18.23470454	61	80.48213907	18.22646281
24	80.49555395	18.23450233	62	80.48169630	18.22626480
25	80.49394235	18.23354191	63	80.48143003	18.22609491
26	80.49588324	18.23465502	64	80.48121135	18.22598238
27	80.49465061	18.23395666	65	80.48245830	18.22664615
28	80.49436934	18.23378544	66	80.48080282	18.22577899
29	80.49357989	18.23328809	67	80.48036828	18.22557046
30	80.49328540	18.23308455	68	80.47998684	18.22530999
31	80.49301097	18.23288673	69	80.47967031	18.22495641
32	80.49261726	18.23262099	70	80.49749103	18.23613725
33	80.49092283	18.23147162	71	80.49394235	18.23354191
34	80.49239018	18.23245778	72	80.49092283	18.23147162
35	80.49206976	18.23221984	73	80.49749103	18.23613725
36	80.49172281	18.23199517	74	80.49525214	18.23433855
37	80.49081351	18.23141582	75	80.49394235	18.23354191
38	80.49129403	18.23173003	76	80.49092283	18.23147162

- Legend**
- GPS STATION
 - PIPELINE IN FOREST
 - PUMPING MAIN
 - GRAVITY MAIN

AREA STATEMENT - MANGAPET SEGMENT - 20/2-WGL						
Set	Structure type	Pipe Dia	Length in m	width m	Area_Ha	Total area in Ha
1	PIPELINE	125.0	2909.077	1.100	0.320	0.386
	PIPELINE	350.0	438.176	1.500	0.066	

Geographic Coordinate System and WGS-84 Datum



[Signature]
Forest Range Officer
Eturnagaram Range

[Signature]
Sub-Divisional Forest Officer
ETURNAGARAM.

[Signature]
Superintending Engineer
Telangana Drinking Water Supply
Project (RWS&S) Circle, Warangal

[Signature]
Divisional Forest Officer
Warangal North Division.

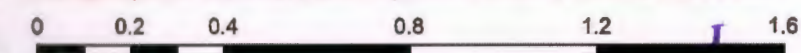
[Signature]
Chief Engineer
TDWSP (RWS&S), Hyderabad

**MAP SHOWING PROPOSED WATER PIPELINE AND STRUCTURES LAYOUT
FOR TELANGANA DRINKING WATER SUPPLY PROJECT.
(MANGAPET SEGMENT 20/2, SET-2) WARANGAL DISTRICT**

ID	LONGITUDE	LATITUDE	ID	LONGITUDE	LATITUDE
77	80.51555363	18.21495337	125	80.50096473	18.19459908
78	80.51474082	18.21447743	126	80.50068616	18.19446782
79	80.51501697	18.21465580	127	80.50017359	18.19425525
80	80.51454100	18.21430627	128	80.49968015	18.19402291
81	80.51424358	18.21389390	129	80.49934126	18.19378255
82	80.51368478	18.21316287	130	80.49907176	18.19356810
83	80.51388677	18.21346924	131	80.49846378	18.19269174
84	80.51353247	18.21291962	132	80.49871626	18.19308835
85	80.51410136	18.21375983	133	80.49815435	18.19231041
86	80.51315575	18.21233124	134	80.49772839	18.19151971
87	80.51331771	18.21259089	135	80.49733844	18.19118381
88	80.51107200	18.20738802	136	80.49782147	18.19181019
89	80.51123758	18.20650442	137	80.49716898	18.19084451
90	80.51095301	18.20567605	138	80.49687106	18.19061991
91	80.51082666	18.20543712	139	80.49640725	18.19034003
92	80.51119005	18.20615086	140	80.49597332	18.19013050
93	80.51054562	18.20492844	141	80.49595148	18.19011401
94	80.51017478	18.20420133	142	80.49566413	18.18975117
95	80.51028476	18.20346688	143	80.49510762	18.18844311
96	80.51028612	18.20304282	144	80.49526198	18.18903574
97	80.51023167	18.20257115	145	80.49500991	18.18809416
98	80.51029444	18.20343166	146	80.49494767	18.18769501
99	80.51020024	18.20218319	147	80.49476237	18.18723874
100	80.51017074	18.20164515	148	80.49446250	18.18637742
101	80.51016926	18.20079107	149	80.49459115	18.18670914
102	80.51013963	18.20024929	150	80.51725175	18.21594459
103	80.51009108	18.19986461	151	80.49439495	18.18581681
104	80.50947894	18.19881277	152	80.49438178	18.18545789
105	80.50993264	18.19930264	153	80.49423168	18.18476924
106	80.50918515	18.19833570	154	80.52312683	18.19589371
107	80.50905431	18.19801998	155	80.52284686	18.19547873
108	80.50878275	18.19781394	156	80.52271014	18.19512104
109	80.50901084	18.19796113	157	80.52260935	18.19476766
110	80.50901084	18.19796115	158	80.52224848	18.19398861
111	80.50809017	18.19743772	159	80.52191932	18.19351094
112	80.50691489	18.19748431	160	80.52172758	18.19309935
113	80.50602796	18.19717110	161	80.52148734	18.19239492
114	80.50644533	18.19737862	162	80.52160504	18.19270685
115	80.50565291	18.19702573	163	80.52124954	18.19181750
116	80.50511081	18.19682371	164	80.52110427	18.19133915
117	80.50417485	18.19652442	165	80.52104424	18.19094096
118	80.50365089	18.19635732	166	80.52102939	18.19056834
119	80.50334997	18.19617544	167	80.52098441	18.18983863
120	80.50290259	18.19589446	168	80.52095670	18.18925872
121	80.50228745	18.19542723	169	80.52091743	18.18889013
122	80.50257789	18.19564452	170	80.52072209	18.18835975
123	80.50156849	18.19496640	171	80.52053773	18.18790701
124	80.50178749	18.19507283			

- Legend**
- GPS STATION
 - PIPELINE IN FOREST
 - PUMPING MAIN
 - GRAVITY MAIN

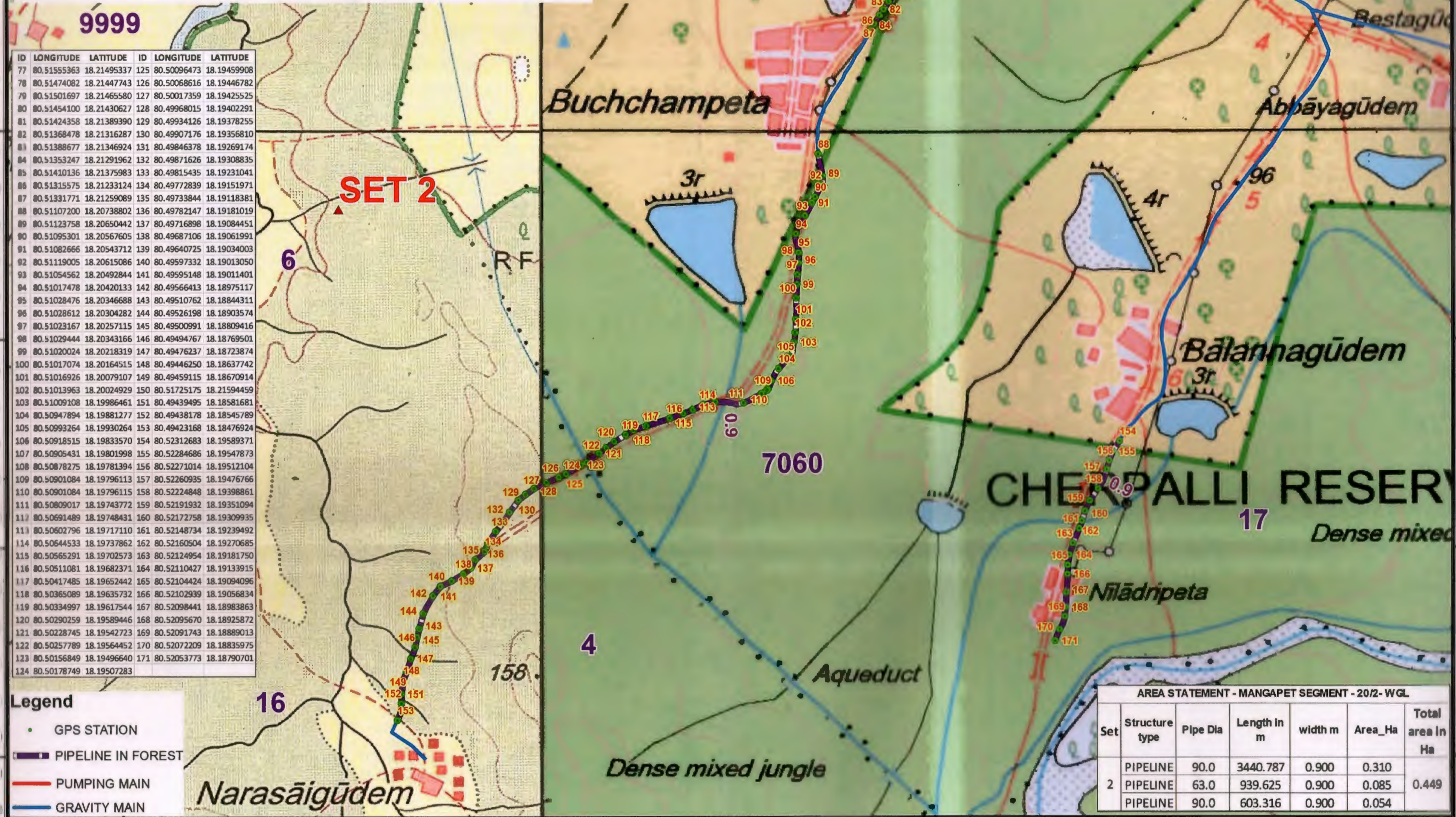
Geographic Coordinate System and WGS-84 Datum



Forest Range Officer Sub-Divisional Forest Officer
ETURNAGARAM RANGE ETURNAGARAM.

Superintending Engineer
Telangana Drinking Water Supply
Project (RWS&S) Circle, Warangal.

Divisional Forest Officer Chief Engineer
Warangal North Division DWSP. (RWS&S), Hyderabad.



AREA STATEMENT - MANGAPET SEGMENT - 20/2 - WGL						
Set	Structure type	Pipe Dia	Length in m	width m	Area_Ha	Total area in Ha
2	PIPELINE	90.0	3440.787	0.900	0.310	0.449
	PIPELINE	63.0	939.625	0.900	0.085	
	PIPELINE	90.0	603.316	0.900	0.054	

80°33'20"E

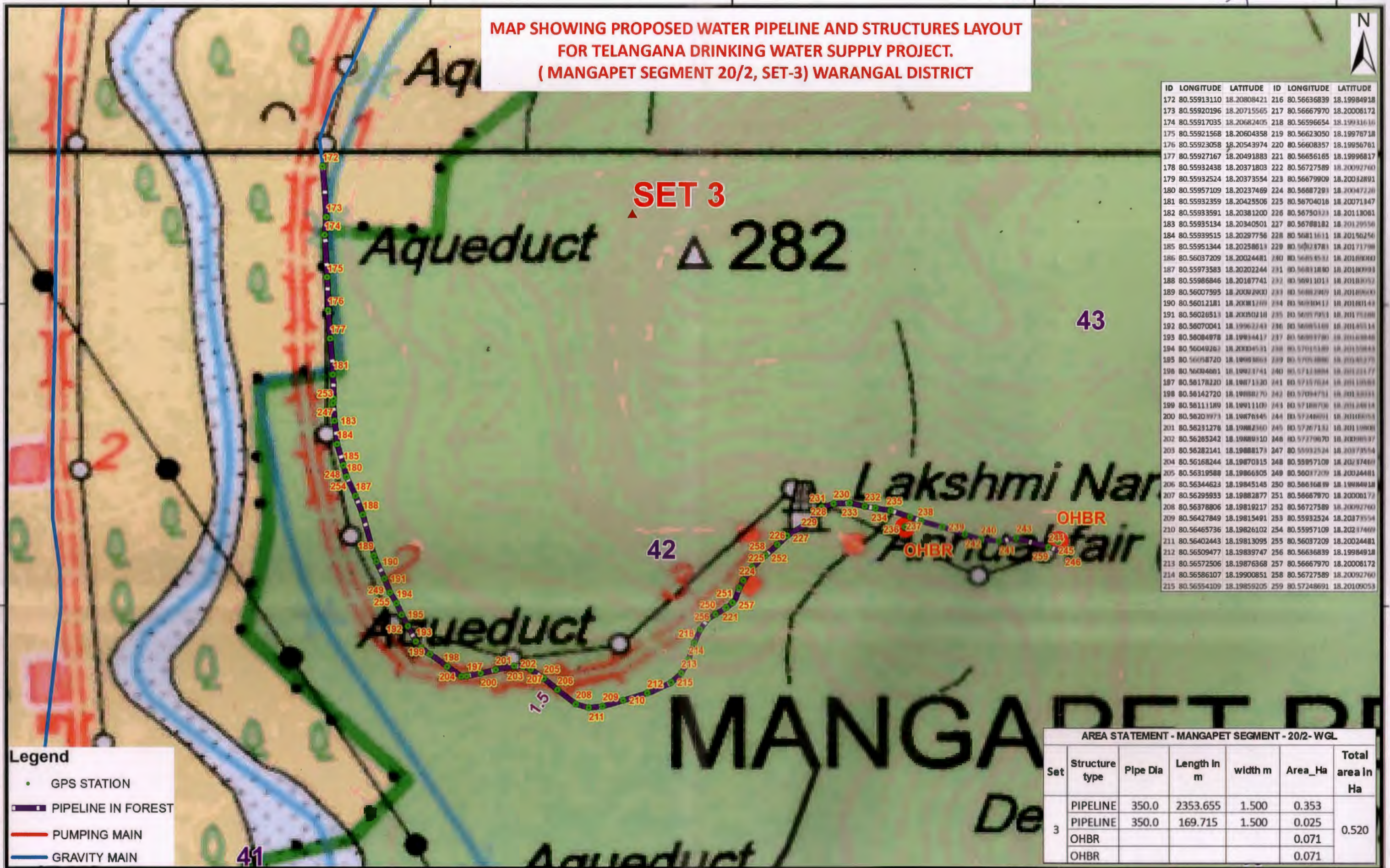
80°33'40"E

80°34'0"E

80°34'20"E

80°34'40"E

**MAP SHOWING PROPOSED WATER PIPELINE AND STRUCTURES LAYOUT
FOR TELANGANA DRINKING WATER SUPPLY PROJECT.
(MANGAPET SEGMENT 20/2, SET-3) WARANGAL DISTRICT**



ID	LONGITUDE	LATITUDE	ID	LONGITUDE	LATITUDE
172	80.55913110	18.20808421	216	80.56636839	18.19984918
173	80.55920196	18.20715565	217	80.56667970	18.20006172
174	80.55917035	18.20682405	218	80.56596654	18.19931616
175	80.55921568	18.20604358	219	80.56623050	18.19976718
176	80.55923058	18.20543974	220	80.56608357	18.19956761
177	80.55927167	18.20491883	221	80.56656165	18.19996817
178	80.55932438	18.20371803	222	80.56727589	18.20092760
179	80.55932524	18.20373554	223	80.56679909	18.20032891
180	80.55957109	18.20237469	224	80.56887291	18.20047226
181	80.55932359	18.20425506	225	80.56704018	18.20071847
182	80.55935951	18.20381200	226	80.56750121	18.20118061
183	80.55935134	18.20340501	227	80.56788182	18.20129556
184	80.55939515	18.20297756	228	80.56811611	18.20156256
185	80.55951344	18.20258611	229	80.56928781	18.20171798
186	80.56037209	18.20024481	230	80.56854532	18.20180000
187	80.55973583	18.20202244	231	80.56811890	18.20180099
188	80.55986846	18.20187741	232	80.56911011	18.20183052
189	80.56007595	18.20092000	233	80.56882069	18.20180000
190	80.56012181	18.20081269	234	80.56930412	18.20180143
191	80.56026511	18.20050210	235	80.56957951	18.20179388
192	80.56070041	18.19962249	236	80.56885169	18.20140514
193	80.56084978	18.19934417	237	80.56897780	18.20138846
194	80.56049269	18.20004531	238	80.57015189	18.20130845
195	80.56038720	18.19983863	239	80.57054886	18.20130370
196	80.56094061	18.19921741	240	80.57133886	18.20123177
197	80.56178220	18.19871130	241	80.57157634	18.20119585
198	80.56142720	18.19888270	242	80.57094751	18.20118811
199	80.56111189	18.19911109	243	80.57188708	18.20124814
200	80.56203973	18.19876145	244	80.57248691	18.20108955
201	80.56231278	18.19882360	245	80.57267132	18.20110808
202	80.56265242	18.19889110	246	80.57270670	18.20099537
203	80.56282141	18.19888178	247	80.56932524	18.20073554
204	80.56168244	18.19870315	248	80.56957109	18.20037469
205	80.56319588	18.19866305	249	80.56017209	18.20034481
206	80.56344623	18.19845145	250	80.56636839	18.19984918
207	80.56295933	18.19882877	251	80.56667970	18.20006172
208	80.56378806	18.19819217	252	80.56727589	18.20092760
209	80.56427849	18.19815491	253	80.55932524	18.20032891
210	80.56465736	18.19826102	254	80.55957109	18.20071847
211	80.56402443	18.19813095	255	80.56037209	18.20024481
212	80.56509477	18.19839747	256	80.56636839	18.19984918
213	80.56572506	18.19876368	257	80.56667970	18.20006172
214	80.56586107	18.19900851	258	80.56727589	18.20092760
215	80.56554109	18.19859205	259	80.57248691	18.20108955

Geographic Coordinate System and WGS-84 Datum

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Forest Range Officer
Eturnagaram Range

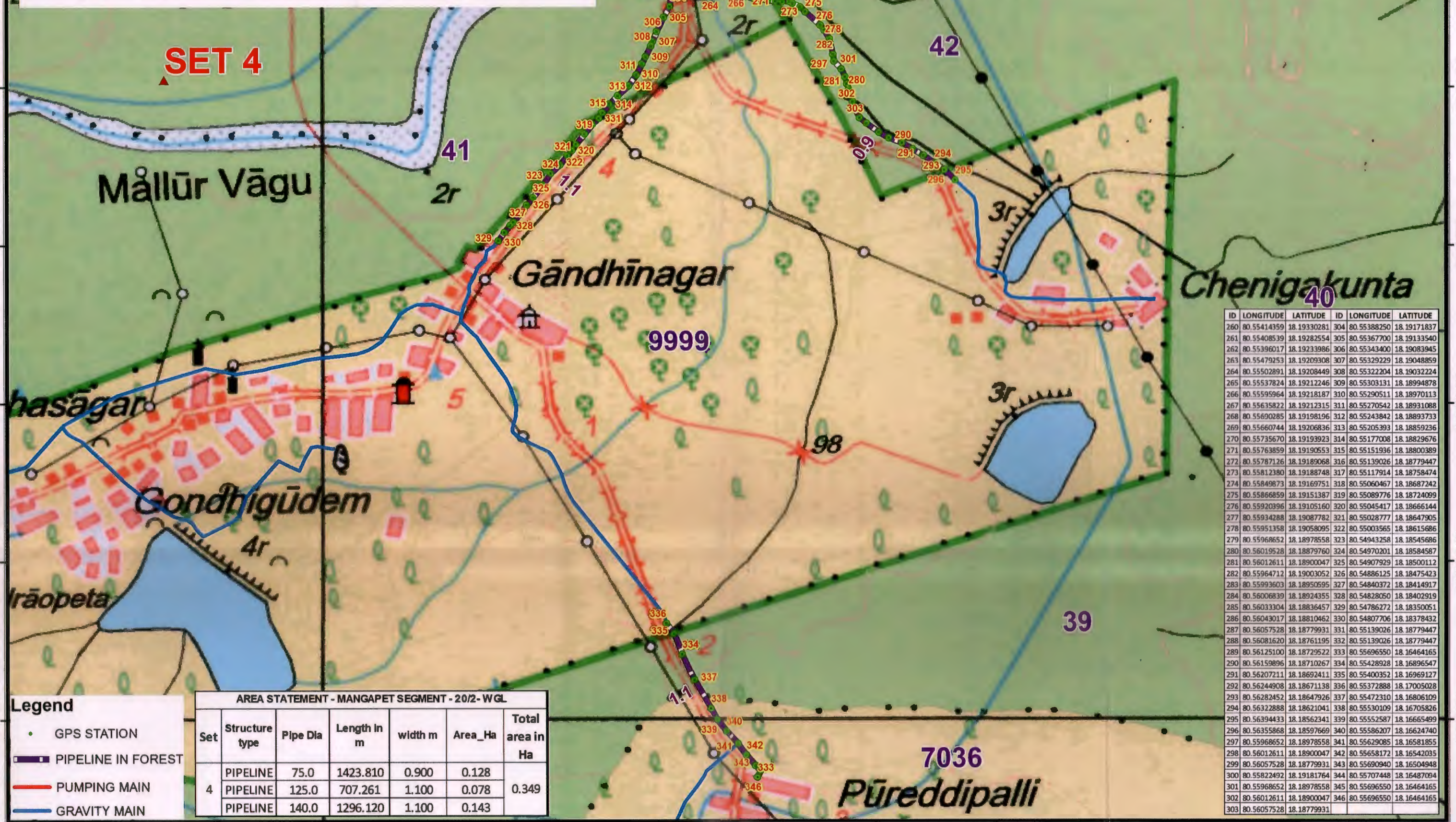
Sub-Divisional Forest Officer
ETURNAGARAM.

Superintending Engineer
Telangana Drinking Water
Project (RWS&S) Circle, Warangal

Divisional Forest Officer
Warangal North Division

Chief Engineer
TDWSP (RWS&S), Hyderabad

**MAP SHOWING PROPOSED WATER PIPELINE AND STRUCTURES LAYOUT
FOR TELANGANA DRINKING WATER SUPPLY PROJECT.
(MANGAPET SEGMENT 20/2, SET-4) WARANGAL DISTRICT**



Geographic Coordinate System and WGS-84 Datum

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[Signature]
Forest Range Officer
Eturnagaram Range

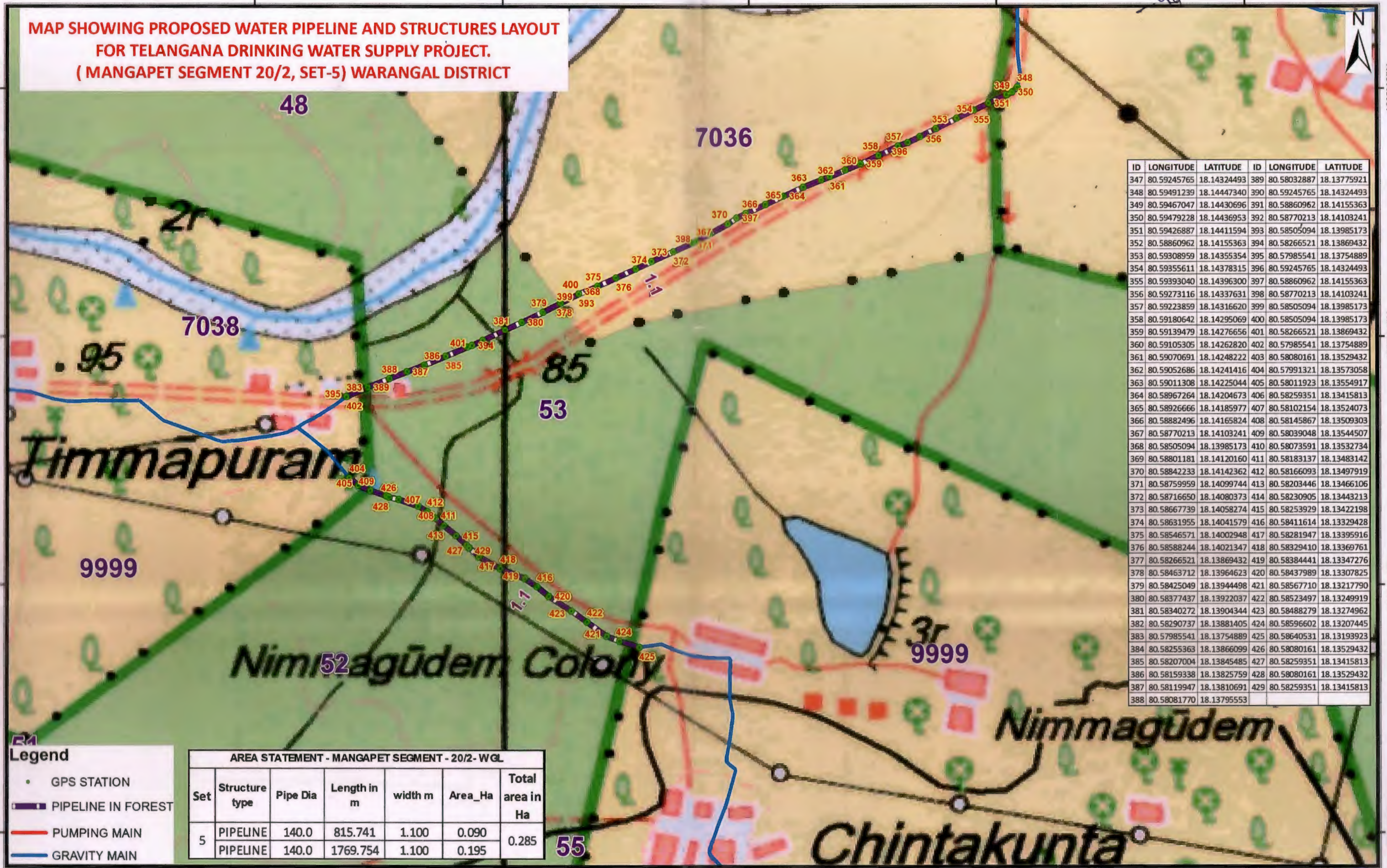
[Signature]
Sub-Divisional Forest Officer
ETURNAGARAM,

[Signature]
Superintending Engineer
Telangana Drinking Water Supply
Project (RWS&S) Circle, Warangal.

[Signature]
Divisional Forest Officer
Warangal North Division.

[Signature]
Chief Engineer
DWSP (RWS&S), Hyderabad

MAP SHOWING PROPOSED WATER PIPELINE AND STRUCTURES LAYOUT
FOR TELANGANA DRINKING WATER SUPPLY PROJECT.
(MANGAPET SEGMENT 20/2, SET-5) WARANGAL DISTRICT



Geographic Coordinate System and WGS-84 Datum

0 0.1 0.2 0.4 0.6 0.8 KM

Forest Range Officer
Eturnagaram Range

Sub-Divisional Forest Officer
ETURNAGARAM

Superintending Engineer
Telangana Drinking Water Supply
Project (RWS&S) Circle, Warangal

Divisional Forest Officer
Warangal North Division

Chief Engineer
TDWSP (RWS&S), Hyderabad