

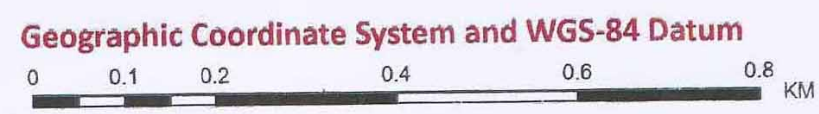
MAP SHOWING PROPOSED WATER PIPELINE AND STRUCTURES LAYOUT
FOR TELANGANA DRINKING WATER SUPPLY PROJECT.
(ACHAMPETA(WLM) SEGMENT - 1/8, SET-1) MAHABOONAGAR DISTRICT

ID	LONGITUDE	LATITUDE
1	78.72577711	16.37466555
2	78.72494283	16.37507031
3	78.72612179	16.37351435
4	78.72454004	16.37572514
5	78.72420233	16.37681561
6	78.72396182	16.37813250
7	78.72395497	16.37926947
8	78.72412817	16.38040288
9	78.72299808	16.38572167
10	78.72406257	16.38145263
11	78.72389741	16.38277238
12	78.72356429	16.38400223
13	78.72310828	16.38534214
14	78.72272245	16.38647794
15	78.72249250	16.38711145
16	78.72201849	16.38813871

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

AREA STATEMENT - SEGMENT - 1 / 8 - MBNR

Set	Structure type	Pipe Dia	Length in m	width m	Area_Ha	Total Area_Ha
1	PIPELINE	75	1735.056	0.700	0.121	0.121



(Signature)
Chief Engineer
TDWSP (RWS&S), Hyderabad.

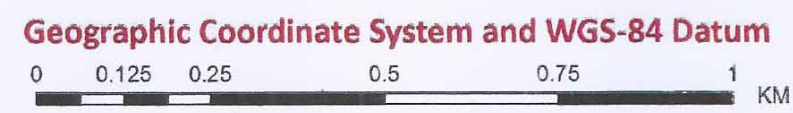
(Signature)
Superintending Engineer
TDWSP CIRCLE,
Mahabubnagar.

MAP SHOWING PROPOSED WATER PIPELINE AND STRUCTURES LAYOUT FOR TELANGANA DRINKING WATER SUPPLY PROJECT. (ACHAMPETA (WLM) SEGMENT - 1/8, SET-2) MAHABOONNAGAR DISTRICT

ID	LONGITUDE	LATITUDE
17	78.73529320	16.39463808
18	78.74329969	16.39368143
19	78.74473330	16.39284920
20	78.75409931	16.38471404
21	78.75300143	16.38656276
22	78.74341312	16.39377801
23	78.75383777	16.38016404
24	78.75400449	16.38393906
25	78.75411311	16.38289870
26	78.75391644	16.38106790
27	78.75427690	16.37936396
28	78.75533441	16.37789284
29	78.74878498	16.39118178
30	78.74943869	16.39049434
31	78.74977959	16.38967484
32	78.75031547	16.38906030
33	78.75111057	16.38852522
34	78.75359219	16.38634300
35	78.75231460	16.38659808
36	78.73433019	16.39487927
37	78.75249968	16.38700295
38	78.74325275	16.39432446
39	78.73708630	16.39410202
40	78.73985299	16.39462626
41	78.74154078	16.39433042
42	78.75485973	16.37866511
43	78.74279716	16.39427759
44	78.75218576	16.38765453
45	78.74283710	16.39364160
46	78.74693174	16.39205829
47	78.73893440	16.39430467
48	78.75628496	16.37595797
49	78.75664923	16.37517616
50	78.74780151	16.39140761
51	78.74528243	16.39251665
52	78.74017278	16.39470324
53	78.75407971	16.38196169
54	78.73809284	16.39400008
55	78.73618683	16.39435855
56	78.75411400	16.38560154
57	78.75286816	16.38697876
58	78.75272356	16.38646936
59	78.74742230	16.39176973
60	78.74617847	16.39239205
61	78.74408175	16.39360146

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

AREA STATEMENT - SEGMENT - 1 / 8 - MBNR						
Set	Structure type	Pipe Dia	Length in m	width m	Area_Ha	Total Area_Ha
2	PIPELINE	400	1402.829	3.500	0.491	1.926
	PIPELINE	400	937.000	3.500	0.328	
	PIPELINE	400	1302.819	3.500	0.456	
	SUMP	-	-	-	0.35	
	SUMP	-	-	-	0.301	

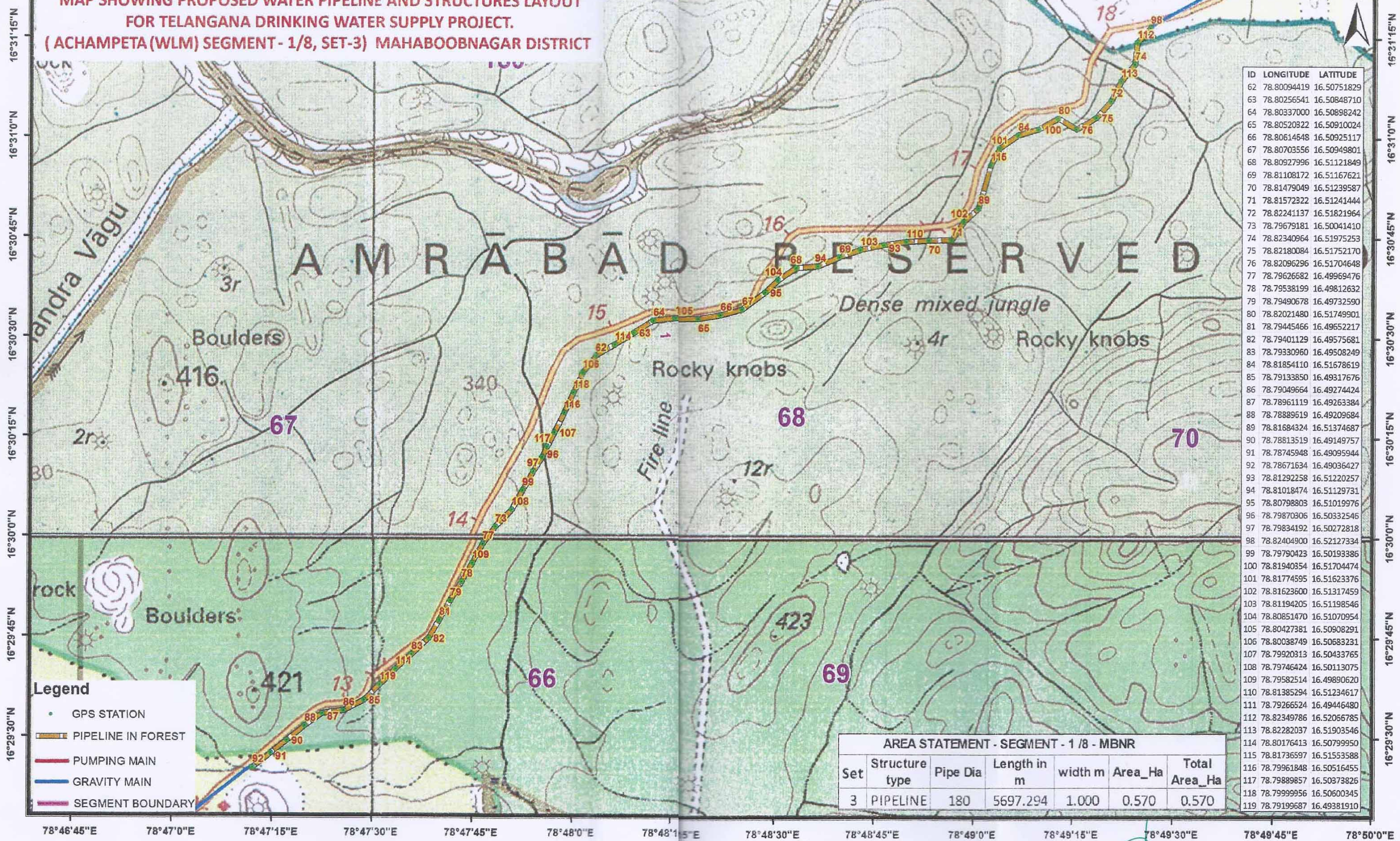


Counter Signed
G. K. Reddy
Chief Engineer
TDWSP (RWS&S), Hyderabad.

Superintending Engineer
TDWSP CIRCLE,
Mahabubnagar.

78°46'45"E 78°47'0"E 78°47'15"E 78°47'30"E 78°47'45"E 78°48'0"E 78°48'15"E 78°48'30"E 78°48'45"E 78°49'0"E 78°49'15"E 78°49'30"E 78°49'45"E 78°50'0"E

MAP SHOWING PROPOSED WATER PIPELINE AND STRUCTURES LAYOUT
FOR TELANGANA DRINKING WATER SUPPLY PROJECT.
(ACHAMPETA(WLM) SEGMENT - 1/8, SET-3) MAHABOONNAGAR DISTRICT

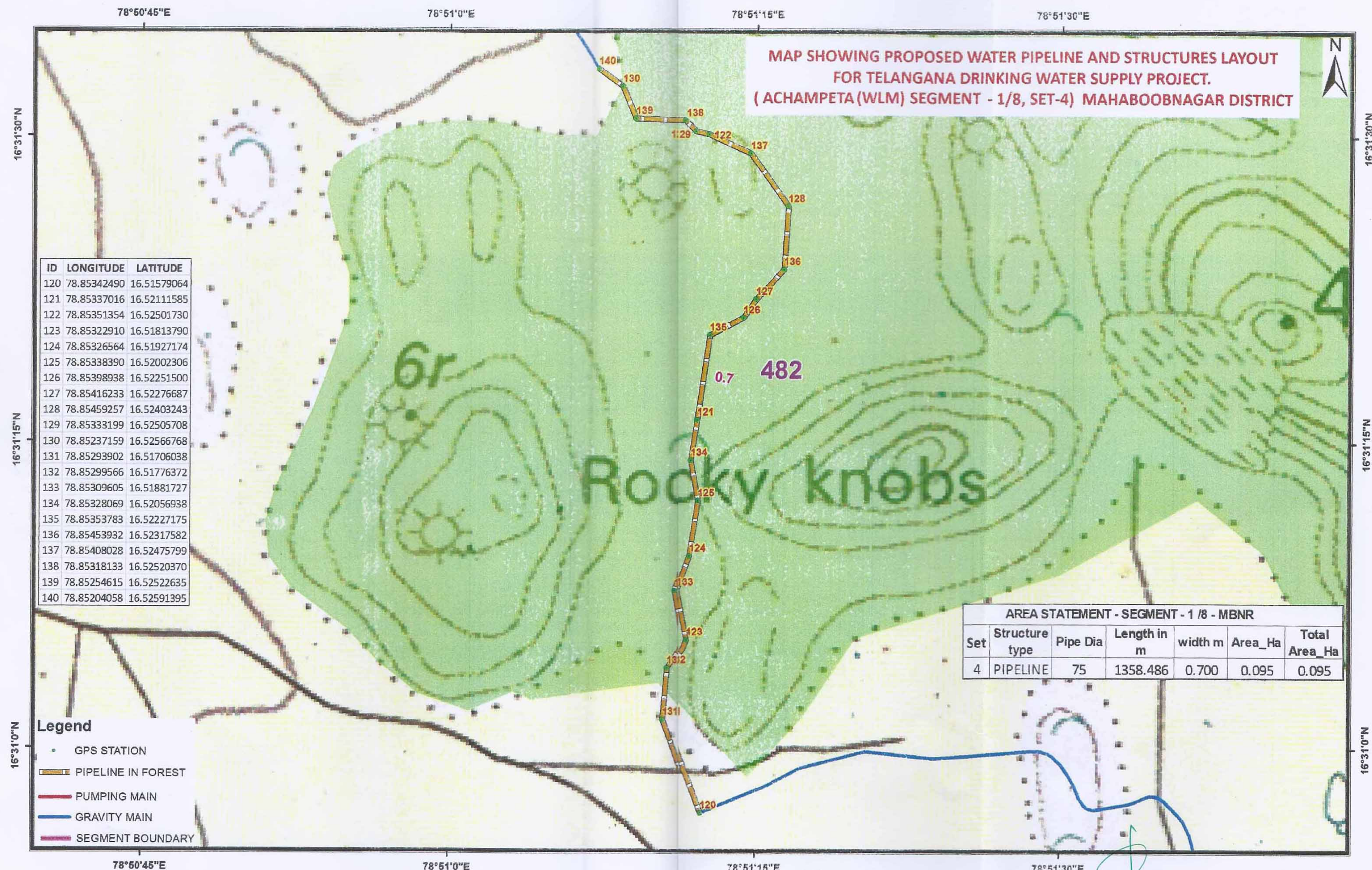


Geographic Coordinate System and WGS-84 Datum
0 0.2 0.4 0.8 1.2 1.6 KM

Counter Signed
Chief Engineer
TDWSP (RWS&S), Hyderabad.

Superintending Engineer
TDWSP CIRCLE,
Mahabubnagar.

ID	LONGITUDE	LATITUDE
62	78.80094419	16.50751829
63	78.80256541	16.50848710
64	78.80337000	16.50898242
65	78.80520322	16.50910024
66	78.80614548	16.50925117
67	78.80703556	16.50949801
68	78.80927996	16.51121849
69	78.81108172	16.51167621
70	78.81479049	16.51239587
71	78.81572322	16.51241444
72	78.82241137	16.51821964
73	78.79679181	16.50041410
74	78.82340964	16.51975253
75	78.82180084	16.51752170
76	78.82096296	16.51704648
77	78.79626682	16.49969476
78	78.79538199	16.49812632
79	78.79490678	16.49732590
80	78.82021480	16.51749901
81	78.79445466	16.49652217
82	78.79401129	16.49575681
83	78.79330960	16.49508249
84	78.81854110	16.51678619
85	78.79133850	16.49317676
86	78.79049664	16.49274424
87	78.78961119	16.49263384
88	78.78889519	16.49209684
89	78.81684324	16.51374687
90	78.78813519	16.49149757
91	78.78745948	16.49095944
92	78.78671634	16.49036427
93	78.81292258	16.51220257
94	78.81018474	16.51129731
95	78.80798803	16.51019976
96	78.79870306	16.50332546
97	78.79834192	16.50272818
98	78.82404900	16.52127334
99	78.79790423	16.50193386
100	78.81940354	16.51704474
101	78.81774595	16.51623376
102	78.81623600	16.51317459
103	78.81194205	16.51198546
104	78.80851470	16.51070954
105	78.80427381	16.50908291
106	78.80038749	16.50683231
107	78.79920313	16.50433765
108	78.79746424	16.50113075
109	78.79582514	16.49890620
110	78.81385294	16.51234617
111	78.79266524	16.49446480
112	78.82349786	16.52066785
113	78.82282037	16.51903546
114	78.80176413	16.50799950
115	78.81736597	16.51553588
116	78.79961848	16.50516455
117	78.79889857	16.50373826
118	78.79999956	16.50600345
119	78.79199687	16.49381910

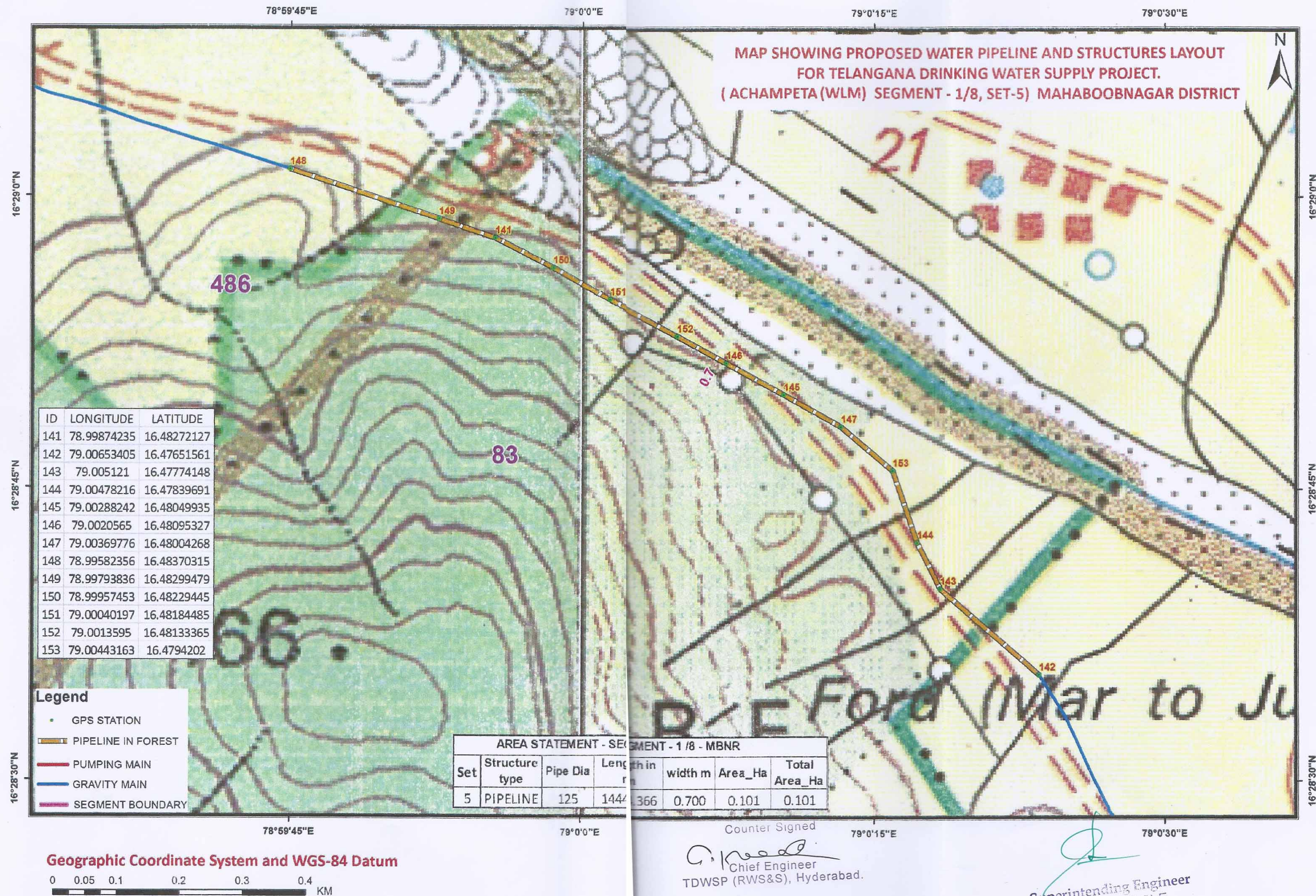


Geographic Coordinate System and WGS-84 Datum

0 0.05 0.1 0.2 0.3 0.4 KM

78°51'15"E
Counter signed
G. K. Reddy
Chief Engineer
TDWSP (RWS&S), Hyderabad.

78°51'30"E
Superintending Engineer
TDWSP CIRCLE,
Mahabubnagar.



MAP SHOWING PROPOSED WATER PIPELINE AND STRUCTURES LAYOUT
FOR TELANGANA DRINKING WATER SUPPLY PROJECT.
(ACHAMPETA (WLM) SEGMENT - 1/8, SET-6) MAHABOONAGAR DISTRICT

ID	LONGITUDE	LATITUDE
154	78.88389015	16.36202636
155	78.87249565	16.36265010
156	78.86963563	16.36228682
157	78.87442631	16.36268634
158	78.87153343	16.36256843
159	78.87058272	16.36242725
160	78.86872016	16.36218122
161	78.86776734	16.36224202
162	78.88009745	16.36255117
163	78.88481828	16.36171598
164	78.88105320	16.36244616
165	78.87724137	16.36265572
166	78.87627820	16.36261572
167	78.88298547	16.36228561
168	78.88703636	16.36086988
169	78.88789301	16.36044076
170	78.88619980	16.36132766
171	78.88202820	16.36239173
172	78.87914124	16.36262659
173	78.87534279	16.36251949
174	78.86611764	16.36243966
175	78.86722655	16.36230996
176	78.87819172	16.36264650

Legend

- GPS STATION
- PIPELINE IN FOREST
- PUMPING MAIN
- GRAVITY MAIN
- SEGMENT BOUNDARY

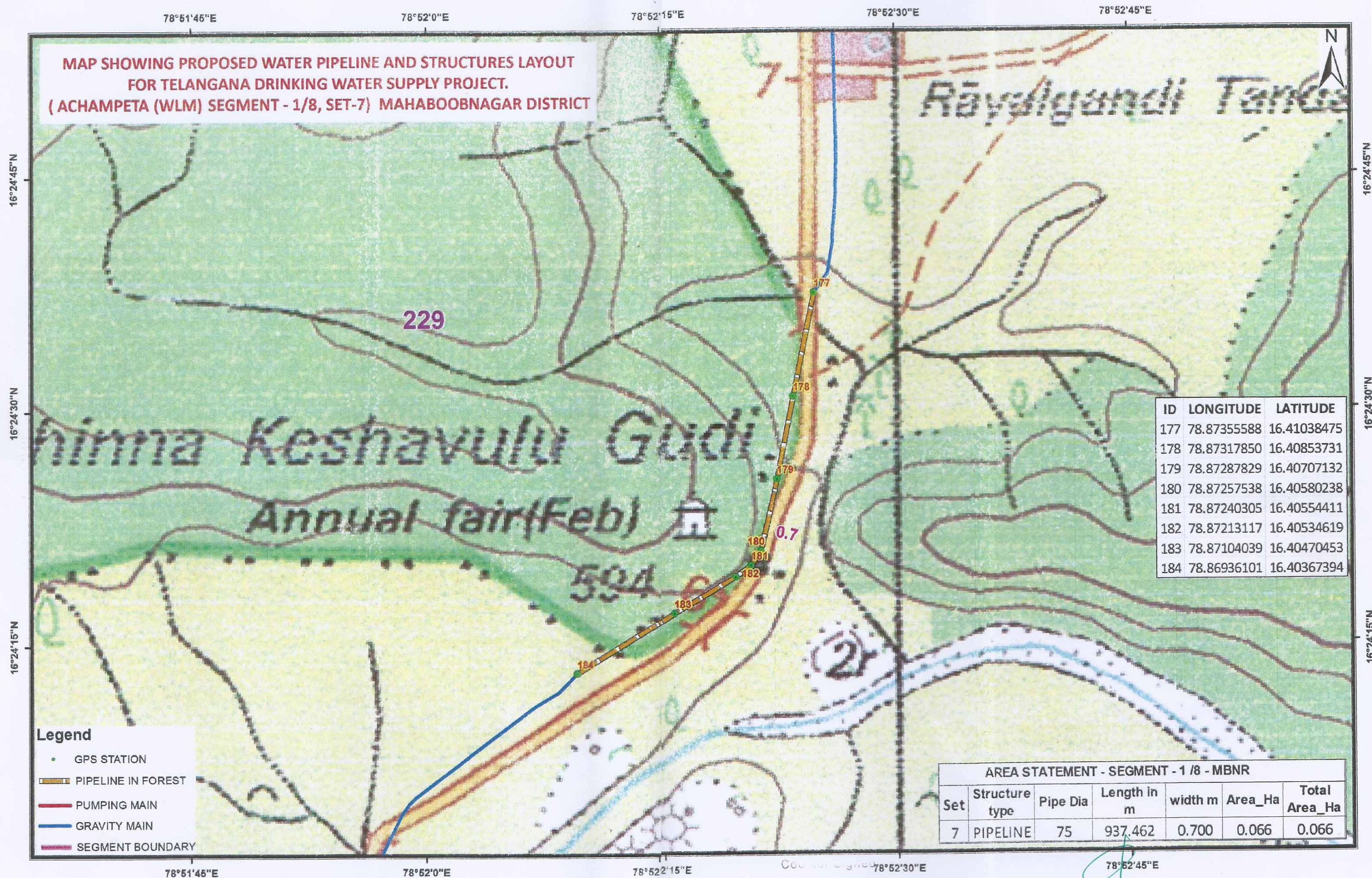
AREA STATEMENT - SEGMENT - 1 / 8 - MBNR						
Set	Structure type	Pipe Dia	Length in m	width m	Area_Ha	Total Area_Ha
6	PIPELINE	160	2377.398	0.700	0.166	0.166

Geographic Coordinate System and WGS-84 Datum

0 0.1 0.2 0.4 0.6 0.8 KM

Countersigned
A. need
Chief Engineer
TDWSP (RWS&S), Hyderabad.

Superintending Engineer
TDWSP CIRCLE,
Mahabubnagar.

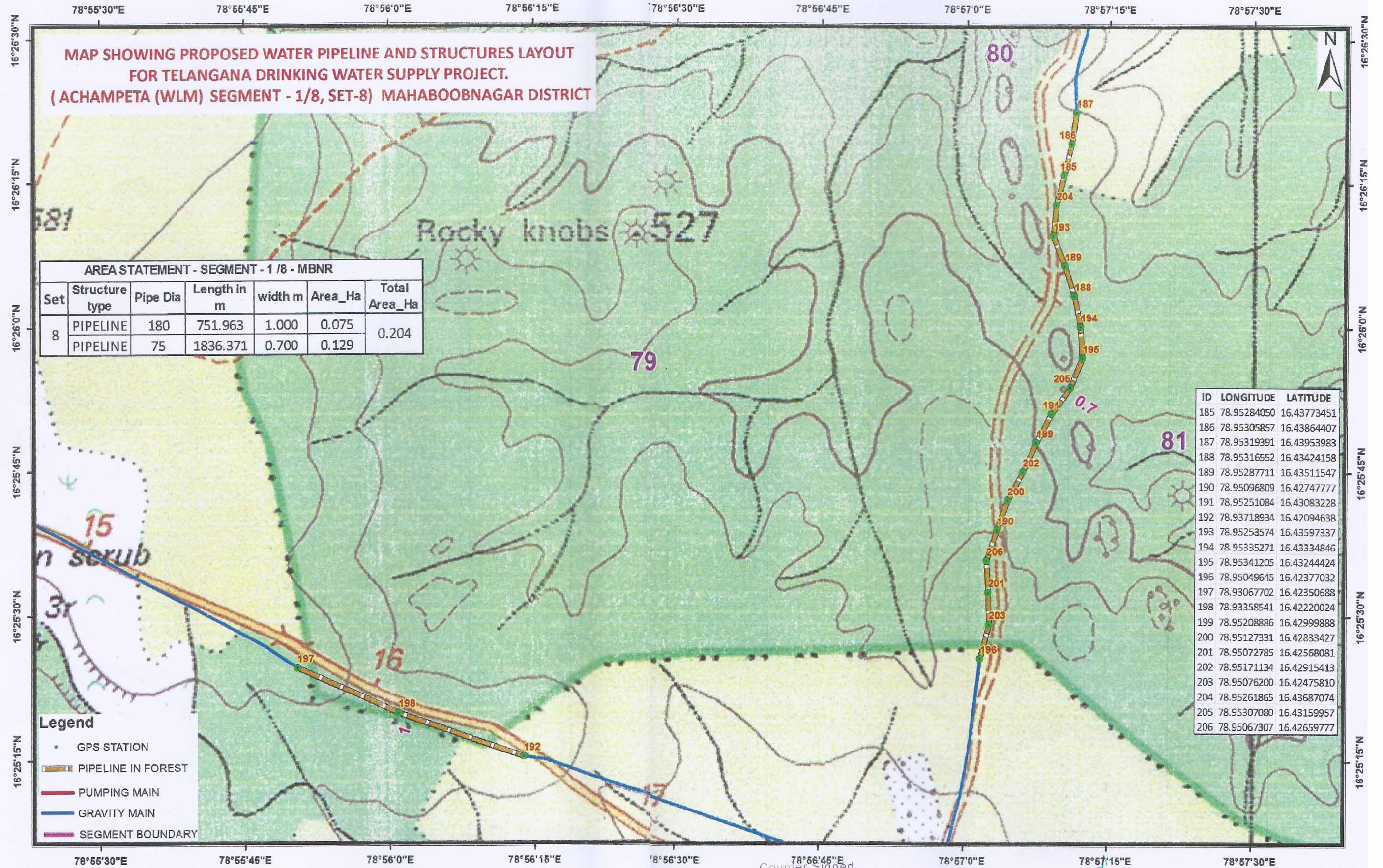


Geographic Coordinate System and WGS-84 Datum

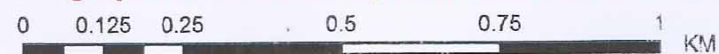
0 0.075 0.15 0.3 0.45 0.6 KM

G. K. Reddy
Chief Engineer
TDWSP (RWS&S), Hyderabad.

Superintending Engineer
TDWSP CIRCLE,
Mahabubnagar.

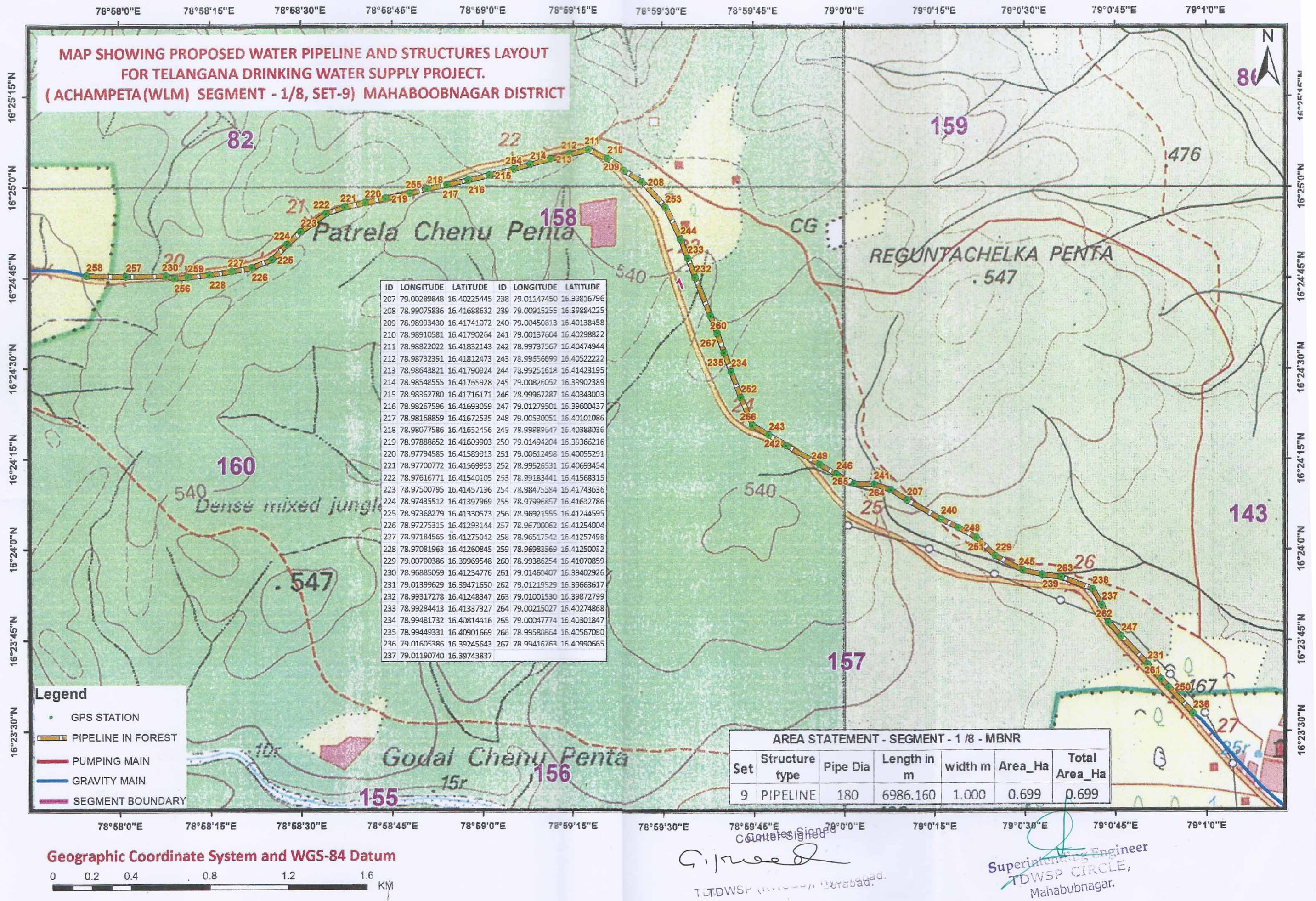


Geographic Coordinate System and WGS-84 Datum



Counter Signed
Chief Engineer
TDWSP (RWS&S), Hyderabad

Superintending Engineer
TDWSP CIRCLE,
Mahabubnagar.



79°1'15"E 79°1'30"E 79°1'45"E 79°2'0"E 79°2'15"E 79°2'30"E 79°2'45"E 79°3'0"E 79°3'15"E 79°3'30"E 79°3'45"E 79°4'0"E 79°4'15"E 79°4'30"E

MAP SHOWING PROPOSED WATER PIPELINE AND STRUCTURES LAYOUT
FOR TELANGANA DRINKING WATER SUPPLY PROJECT.
(ACHAMPETA (WLM) SEGMENT - 1/8, SET-10) MAHABOONAGAR DISTRICT

178

ID	LONGITUDE	LATITUDE
268	79.05247031	16.35085246
269	79.05241016	16.35175260
270	79.05230380	16.35263154
271	79.05220548	16.35351717
272	79.05221739	16.35439343
273	79.05238332	16.35500594
274	79.05267419	16.35610544
275	79.05274510	16.35694528
276	79.05207081	16.35802279
277	79.05159367	16.35885595
278	79.05134154	16.35972485
279	79.05107266	16.36054330
280	79.05051420	16.36118600
281	79.04985277	16.36178805
282	79.04920304	16.36240274
283	79.04784874	16.36364622
284	79.04454721	16.36667779
285	79.04393793	16.36721634
286	79.04255708	16.36842639
287	79.05643850	16.35652101
288	79.04190206	16.36902856
289	79.05095202	16.36072875
290	79.04548644	16.36584266
291	79.03786078	16.37262795
292	79.03786078	16.37262795
293	79.03921337	16.37141371
294	79.05785484	16.35605301
295	79.05875669	16.35577054
296	79.05283465	16.35763898
297	79.05719784	16.35627858
298	79.05538448	16.35686104
299	79.05449760	16.35718697
300	79.04056390	16.37020077
301	79.03864628	16.37194426
302	79.05368873	16.35750164
303	79.04719445	16.36426354
304	79.04524346	16.36605678
305	79.04651944	16.36486973
306	79.03990722	16.37080022
307	79.05160142	16.34089159
308	79.05175836	16.34220434
309	79.05219774	16.34352343

Legend

- GPS STATION
- PIPELINE IN FOREST
- PUMPING MAIN
- GRAVITY MAIN
- SEGMENT BOUNDARY

AREA STATEMENT - SEGMENT - 1 / 8 - MBNR

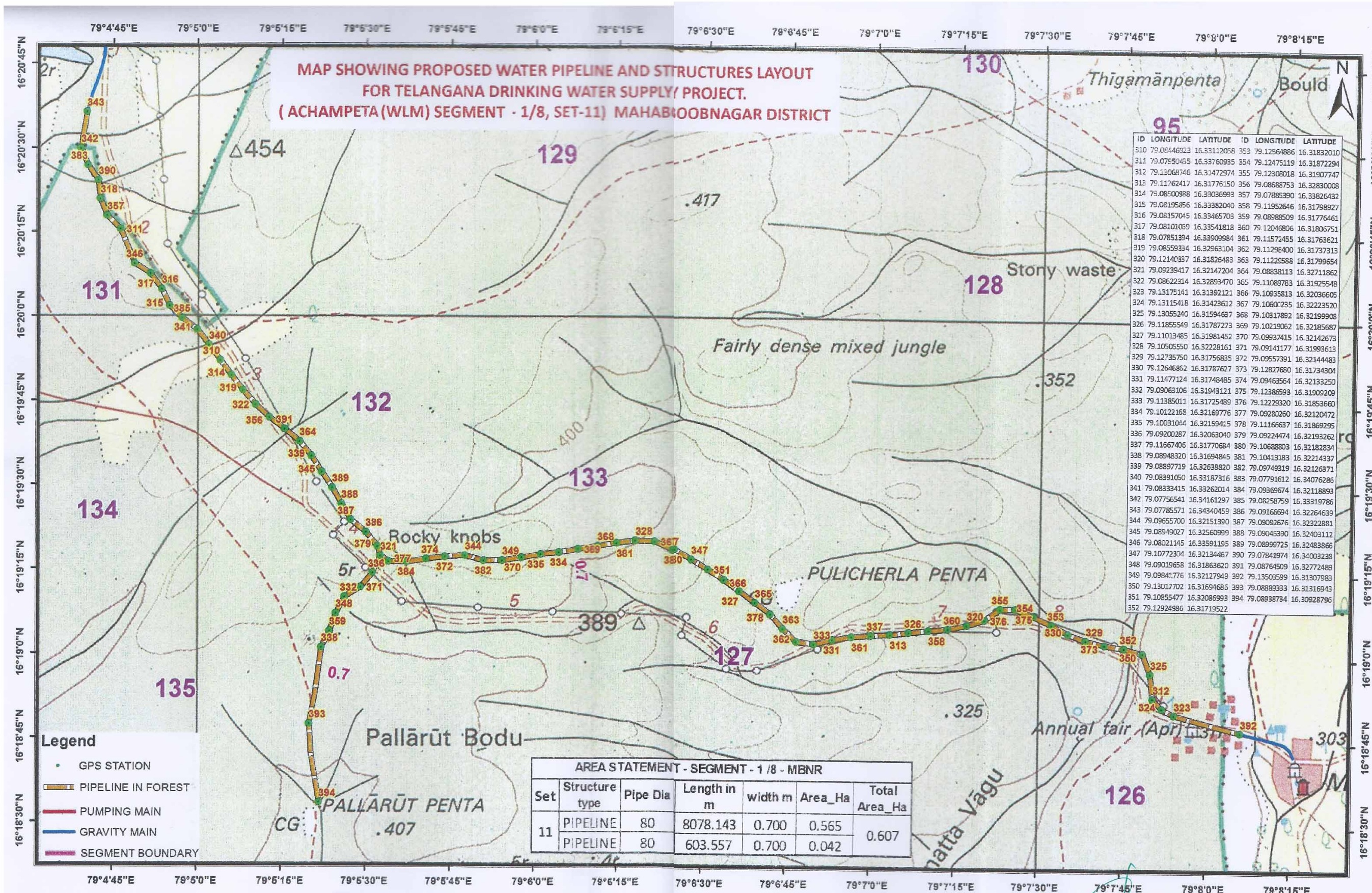
Set	Structure type	Pipe Dia	Length in m	width m	Area_Ha	Total Area_Ha
10	PIPELINE	100	2338.116	0.700	0.164	0.285
	PIPELINE	100	759.642	0.700	0.053	
	PIPELINE	80	299.614	0.700	0.021	
	PIPELINE	100	667.147	0.700	0.047	

Geographic Coordinate System and WGS-84 Datum

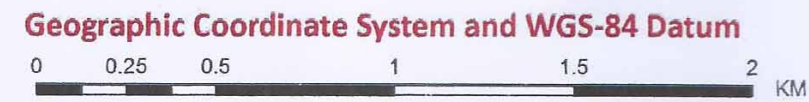
0 0.2 0.4 0.8 1.2 1.6 KM

Counter Signed
Counter Signed
G. P. Reddy
Chief Engineer, T.D.W.
T.D.W.S.P. (RWS&S), Hyderabad.

Superintending Engineer
T.D.W.S.P. CIRCLE,
Mahabubnagar.



ID	LONGITUDE	LATITUDE	ID	LONGITUDE	LATITUDE
310	79.08446923	16.33112058	353	79.12564886	16.31832010
311	79.07950455	16.33760985	354	79.12475119	16.31872294
312	79.13068746	16.31472974	355	79.12308018	16.31907747
313	79.11762417	16.31776150	356	79.08688753	16.32830008
314	79.08500988	16.33036993	357	79.07885390	16.33826432
315	79.08195856	16.33382040	358	79.11952646	16.31798927
316	79.08157045	16.33465703	359	79.08988509	16.31776461
317	79.08101059	16.33541818	360	79.12046806	16.31806751
318	79.07851394	16.33909984	361	79.11572455	16.31763621
319	79.08559394	16.32963104	362	79.11296400	16.31737313
320	79.12140357	16.31826483	363	79.11225588	16.31799654
321	79.09239417	16.32147204	364	79.08838113	16.32711862
322	79.08622314	16.32894707	365	79.11089783	16.31925548
323	79.13175141	16.31392121	366	79.10635813	16.32036605
324	79.13115418	16.31423612	367	79.10600235	16.32223520
325	79.13055240	16.31594637	368	79.10517892	16.32199908
326	79.11855549	16.31787273	369	79.10219062	16.32185687
327	79.11013485	16.31981452	370	79.09937415	16.32142673
328	79.10505550	16.32228161	371	79.09141177	16.31993613
329	79.12735750	16.31756835	372	79.09557391	16.32144483
330	79.12646862	16.31787627	373	79.12827680	16.31734304
331	79.11477124	16.31748485	374	79.09463564	16.32133250
332	79.09063106	16.31943121	375	79.12386593	16.31909209
333	79.11385011	16.31725489	376	79.12229320	16.31853660
334	79.10122168	16.32169776	377	79.09280260	16.32120472
335	79.10031044	16.32159415	378	79.11166637	16.31869295
336	79.09200287	16.32063040	379	79.09224474	16.32193262
337	79.11667406	16.31770684	380	79.10688803	16.32182834
338	79.08948320	16.31694845	381	79.10413183	16.32214337
339	79.08897719	16.32638820	382	79.09749319	16.32126371
340	79.08391050	16.33187316	383	79.07791612	16.34076286
341	79.08333415	16.33262014	384	79.09369674	16.32118893
342	79.07756541	16.34161297	385	79.08258759	16.33319786
343	79.07785571	16.34340459	386	79.09166694	16.32264639
344	79.09655700	16.32151390	387	79.09092676	16.32322881
345	79.08949027	16.32560999	388	79.09045390	16.32403112
346	79.08021145	16.33591195	389	79.08999725	16.32483866
347	79.10772304	16.32134467	390	79.07841974	16.34003238
348	79.09019658	16.31863620	391	79.08764509	16.32772489
349	79.09841776	16.32127949	392	79.13503599	16.31307983
350	79.13017702	16.31694686	393	79.08889333	16.31316943
351	79.10855477	16.32086993	394	79.08938734	16.30928796
352	79.12924986	16.31719522			



Counter Signed
G. [Signature]
Chief Engineer
TDWSP (RWS&S), Hyderabad.

Superintending Engineer
TDWSP CIRCLE,
Mahabubnagar.

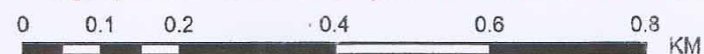
**MAP SHOWING PROPOSED WATER PIPELINE AND STRUCTURES LAYOUT
FOR TELANGANA DRINKING WATER SUPPLY PROJECT.
(ACHAMPETA (WLM) SEGMENT - 1/8, SET-12) MAHABOONAGAR DISTRICT**

ID	LONGITUDE	LATITUDE
395	78.57892021	16.27247461
396	78.57921805	16.27340006
397	78.57895625	16.27153933
398	78.57991497	16.26626084
399	78.58012965	16.26445889
400	78.57940952	16.26800851
401	78.57921090	16.26892274
402	78.57993197	16.26537235
403	78.58001425	16.26359573
404	78.57891297	16.27449584
405	78.57898010	16.27392018
406	78.57879375	16.27017837
407	78.57940913	16.26721381
408	78.57988803	16.26309606
409	78.58002684	16.26245213
410	78.57882032	16.27517063

AREA STATEMENT - SEGMENT - 1 / 8 - MBNR						
Set	Structure type	Pipe Dia	Length in m	width m	Area_Ha	Total Area_Ha
12	PIPELINE	140	1448.779	0.700	0.101	0.101

Legend	
●	GPS STATION
—	PIPELINE IN FOREST
—	PUMPING MAIN
—	GRAVITY MAIN
—	SEGMENT BOUNDARY

Geographic Coordinate System and WGS-84 Datum



Counter Signed
[Signature]
Chief Engineer
TDWSP (DWS&S) Hyderabad.

[Signature]
Superintending Engineer
TDWSP CIRCLE,
Mahabubnagar.

MAP SHOWING PROPOSED WATER PIPELINE AND STRUCTURES LAYOUT
FOR TELANGANA DRINKING WATER SUPPLY PROJECT.
(ACHAMPETA (WLM) SEGMENT - 1/8, SET-13) MAHABOONAGAR DISTRICT

ID	LONGITUDE	LATITUDE
411	78.56315669	16.20023226
412	78.56271934	16.20063280
413	78.56501318	16.20011595
414	78.56266558	16.20080671
415	78.56042205	16.20457352
416	78.56231898	16.20158434
417	78.56232040	16.20245252
418	78.56216503	16.20362673

Legend	
•	GPS STATION
	PIPELINE IN FOREST
	PUMPING MAIN
	GRAVITY MAIN
	SEGMENT BOUNDARY

AREA STATEMENT - SEGMENT - 1 / 8 - MBNR						
Set	Structure type	Pipe Dia	Length in m	width m	Area_Ha	Total Area_Ha
13	PIPELINE	75	638.875	0.700	0.045	0.045

Geographic Coordinate System and WGS-84 Datum

0 0.075 0.15 0.3 0.45 0.6 KM

78°34'0"E
Counter Signed

Chief Engineer
TDWSP (RWS&S), Hyderabad.

78°34'15"E
Superintending Engineer
TDWSP CIRCLE,
Mahabubnagar.