

MAP SHOWING PROPOSED WATER PIPELINE LAYOUT
FOR TELANGANA DRINKING WATER SUPPLY PROJECT.
(SINGURU-MEDAK SEGMENT 8/2, SET -1) MEDAK DISTRICT

ID	Longitude	Latitude
1	78.0201900000	18.00665100000
2	78.0189590000	18.00831500000
3	78.0196300000	18.00763400000
4	78.0207810000	18.00364500000
5	78.0206000000	18.00559700000
6	78.0207810000	18.00463600000
7	78.0211330000	18.00172800000
8	78.0209110000	18.00265200000
9	78.0179630000	18.00898700000
10	78.0172110000	18.01061500000
11	78.0169140000	18.01244000000
12	78.0163520000	18.01415400000
13	78.0161800000	18.01599300000
14	78.0163930000	18.01781100000
15	78.0169450000	18.01956500000
16	78.0186080000	18.00861000000
17	78.0174230000	18.00984300000
18	78.0170400000	18.01162500000
19	78.0168280000	18.01340500000
20	78.0160330000	18.01505000000
21	78.0162430000	18.01704300000
22	78.0168610000	18.01883600000
23	78.0166360000	18.02040700000

AREA STATEMENT - SEGMENT - 8 / 2 - Medak							
Set	TYPE OF FOREST	Structure type	Pipe Dia	Length in m	width m	Area_Ha	Total area in Ha
1	FOREST	PIPELINE	400	2241.212	1.100	0.247	0.247

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

Geographic Coordinate System and WGS-84 Datum

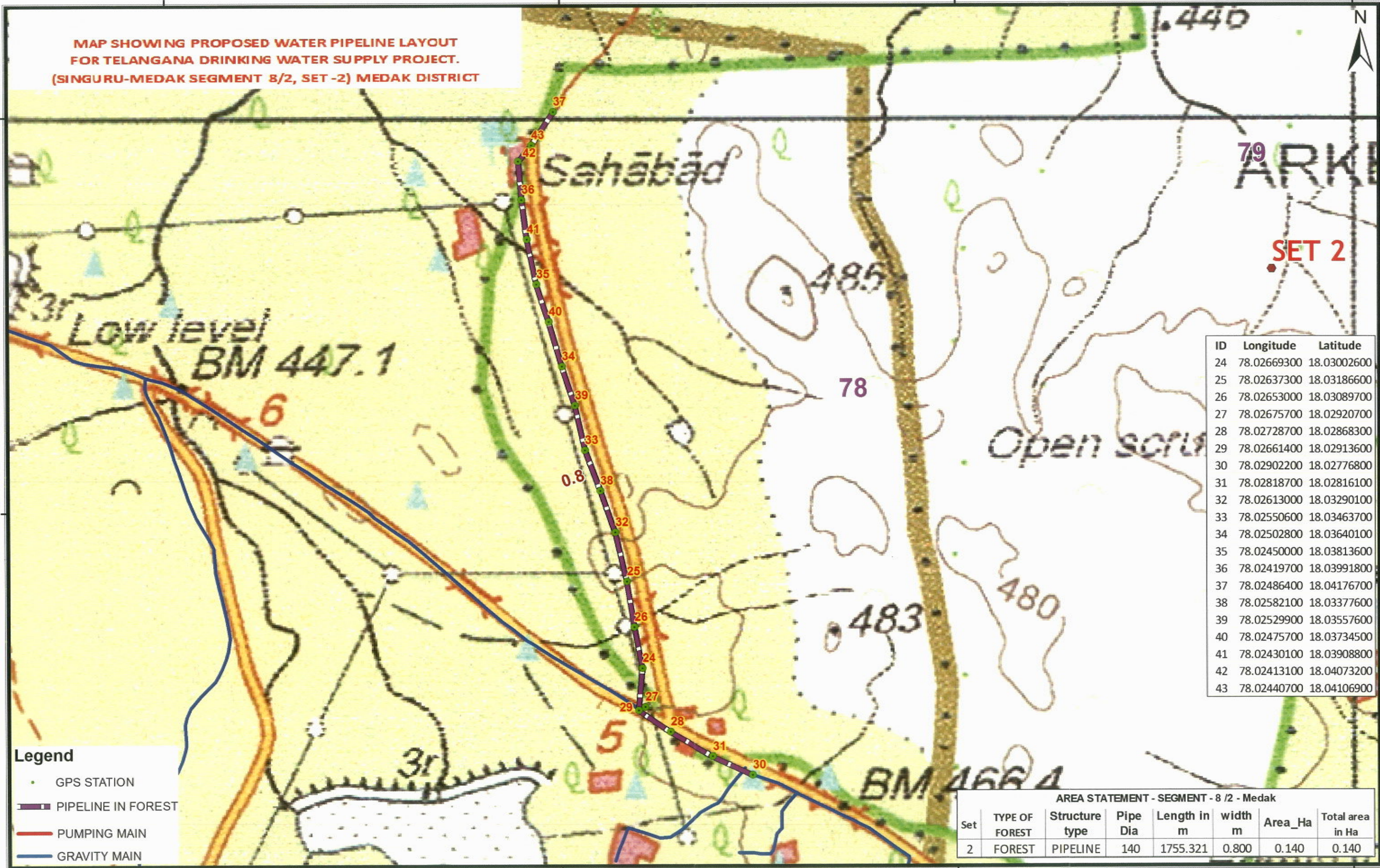
0 0.125 0.25 0.5 0.75 1 KM

[Signature]
Executive Engineer
TDW.S.P. Division Medak

[Signature]
Superintendent
TDW.S.P. Division Medak

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

MAP SHOWING PROPOSED WATER PIPELINE LAYOUT
FOR TELANGANA DRINKING WATER SUPPLY PROJECT.
(SINGURU-MEDAK SEGMENT 8/2, SET -2) MEDAK DISTRICT

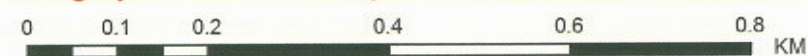


ID	Longitude	Latitude
24	78.02669300	18.03002600
25	78.02637300	18.03186600
26	78.02653000	18.03089700
27	78.02675700	18.02920700
28	78.02728700	18.02868300
29	78.02661400	18.02913600
30	78.02902200	18.02776800
31	78.02818700	18.02816100
32	78.02613000	18.03290100
33	78.02550600	18.03463700
34	78.02502800	18.03640100
35	78.02450000	18.03813600
36	78.02419700	18.03991800
37	78.02486400	18.04176700
38	78.02582100	18.03377600
39	78.02529900	18.03557600
40	78.02475700	18.03734500
41	78.02430100	18.03908800
42	78.02413100	18.04073200
43	78.02440700	18.04106900

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

AREA STATEMENT - SEGMENT - 8 / 2 - Medak							
Set	TYPE OF FOREST	Structure type	Pipe Dia	Length in m	width m	Area_Ha	Total area in Ha
2	FOREST	PIPELINE	140	1755.321	0.800	0.140	0.140

Geographic Coordinate System and WGS-84 Datum



Executive Engineer
T.D.W.S.P. Division Medak

Superintendent
TDWSP Circle-Sangareddy

Chief Engineer
TDWSP (RWS&S), Hyderabad.

78°6'0"E

78°6'30"E

78°7'0"E

78°7'30"E

78°8'0"E

MAP SHOWING PROPOSED WATER PIPELINE LAYOUT
FOR TELANGANA DRINKING WATER SUPPLY PROJECT.
(SINGURU-MEDAK SEGMENT 8/2, SET -3) MEDAK DISTRICT



18°0'30"N

18°0'0"N

17°59'30"N

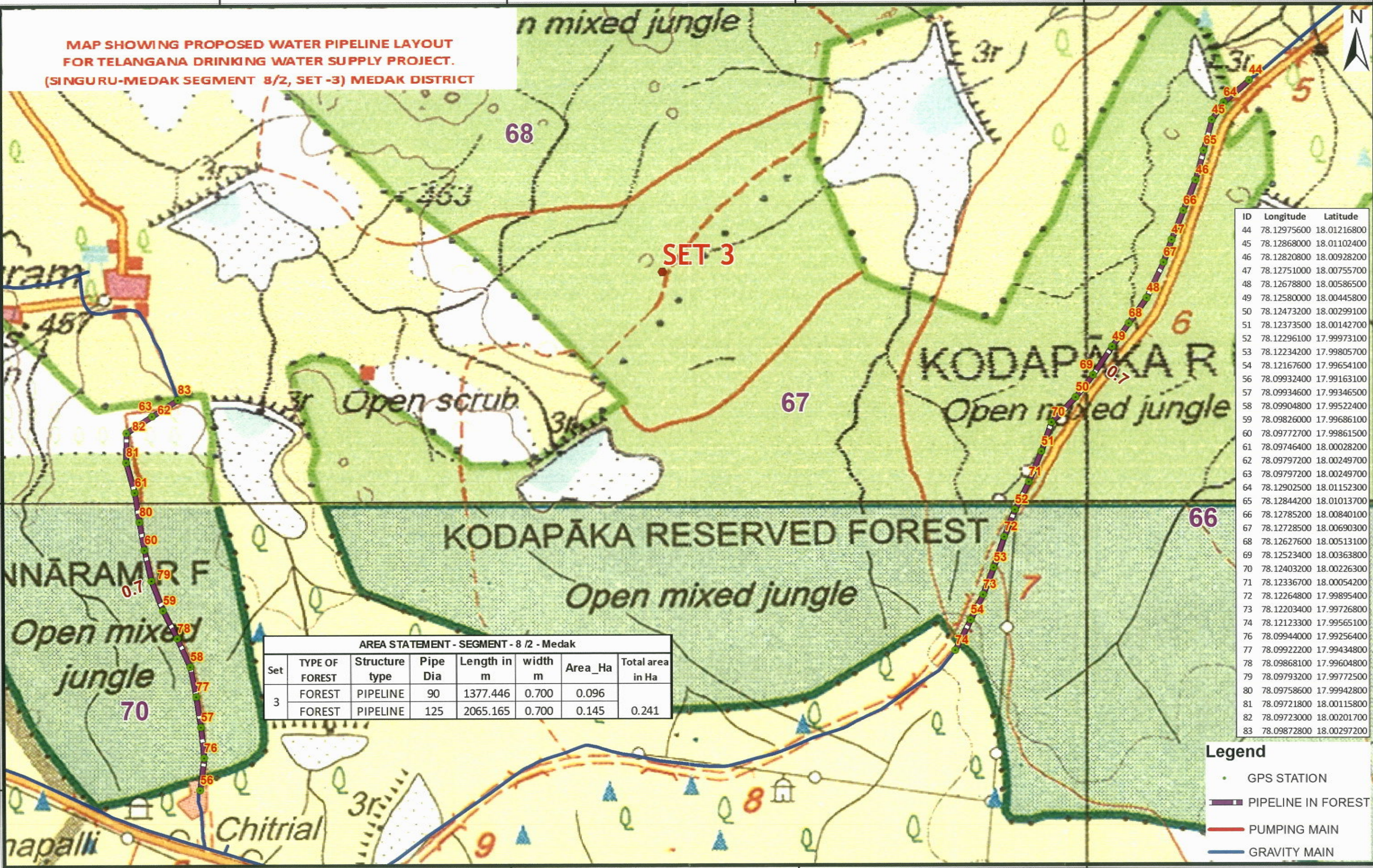
78°8'0"E

78°6'0"E

78°6'30"E

78°7'0"E

78°7'30"E



ID	Longitude	Latitude
44	78.12975600	18.01216800
45	78.12868000	18.01102400
46	78.12820800	18.00928200
47	78.12751000	18.00755700
48	78.12678800	18.00586500
49	78.12580000	18.00445800
50	78.12473200	18.00299100
51	78.12373500	18.00142700
52	78.12296100	17.99973100
53	78.12234200	17.99805700
54	78.12167600	17.99654100
56	78.09932400	17.99163100
57	78.09934600	17.99346500
58	78.09904800	17.99522400
59	78.09826000	17.99686100
60	78.09772700	17.99861500
61	78.09746400	18.00028200
62	78.09797200	18.00249700
63	78.09797200	18.00249700
64	78.12902500	18.01152300
65	78.12844200	18.01013700
66	78.12785200	18.00840100
67	78.12728500	18.00690300
68	78.12627600	18.00513100
69	78.12523400	18.00363800
70	78.12403200	18.00226300
71	78.12336700	18.00054200
72	78.12264800	17.99895400
73	78.12203400	17.99726800
74	78.12123300	17.99565100
76	78.09944000	17.99256400
77	78.09922200	17.99434800
78	78.09868100	17.99604800
79	78.09793200	17.99772500
80	78.09758600	17.99942800
81	78.09721800	18.00115800
82	78.09723000	18.00201700
83	78.09872800	18.00297200

AREA STATEMENT - SEGMENT - 8 /2 - Medak							
Set	TYPE OF FOREST	Structure type	Pipe Dia	Length in m	width m	Area_Ha	Total area in Ha
3	FOREST	PIPELINE	90	1377.446	0.700	0.096	0.241
	FOREST	PIPELINE	125	2065.165	0.700	0.145	

Legend

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

Geographic Coordinate System and WGS-84 Datum

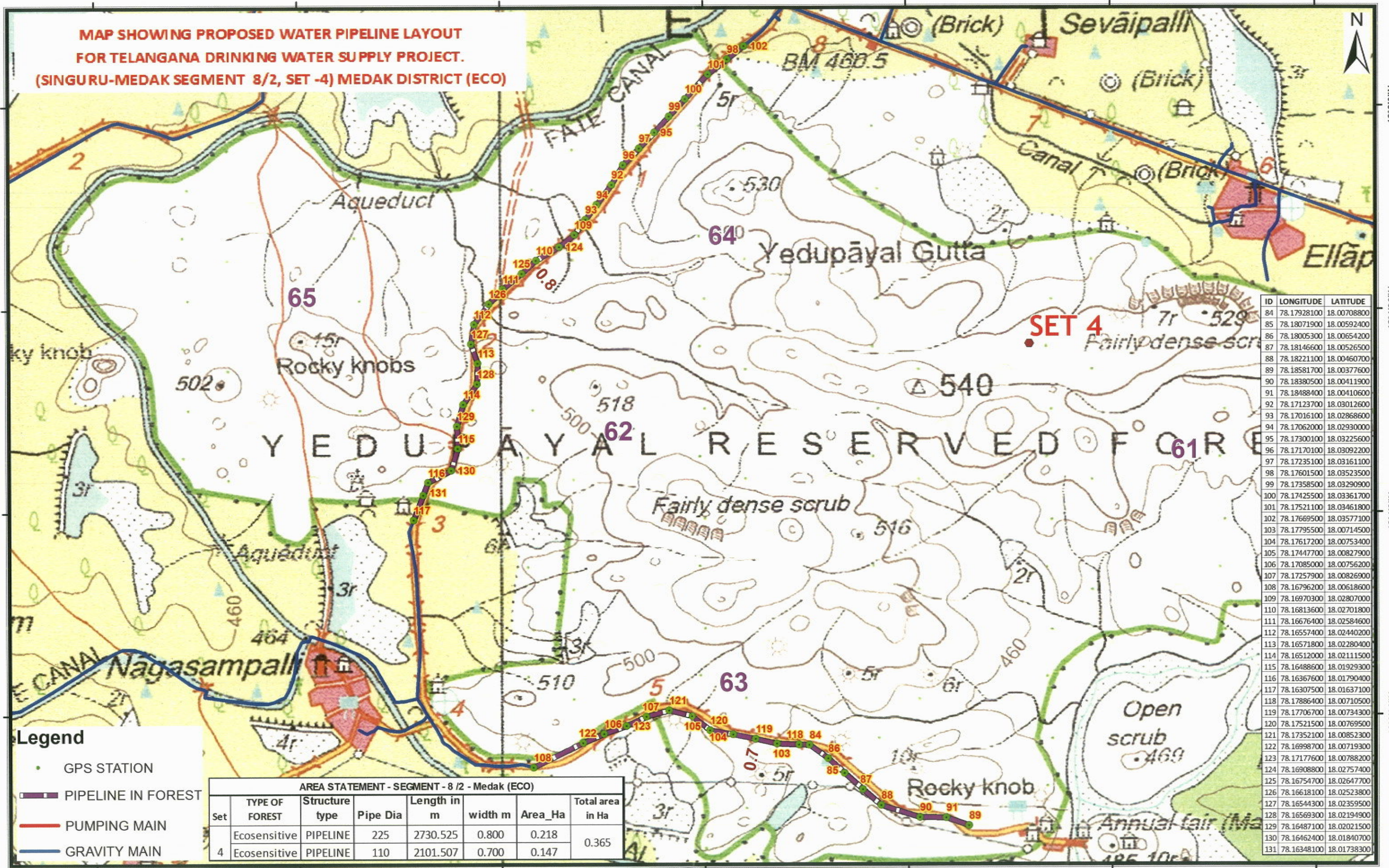
0 0.125 0.25 0.5 0.75 1 KM

Executive Engineer
T.D.W.S.P. Division Medak

Superintendent
T.D.W.S.P. Division Medak

Chief Engineer
TDWSP (RWS&S), Hyderabad.

**MAP SHOWING PROPOSED WATER PIPELINE LAYOUT
FOR TELANGANA DRINKING WATER SUPPLY PROJECT.
(SINGURU-MEDAK SEGMENT 8/2, SET -4) MEDAK DISTRICT (ECO)**



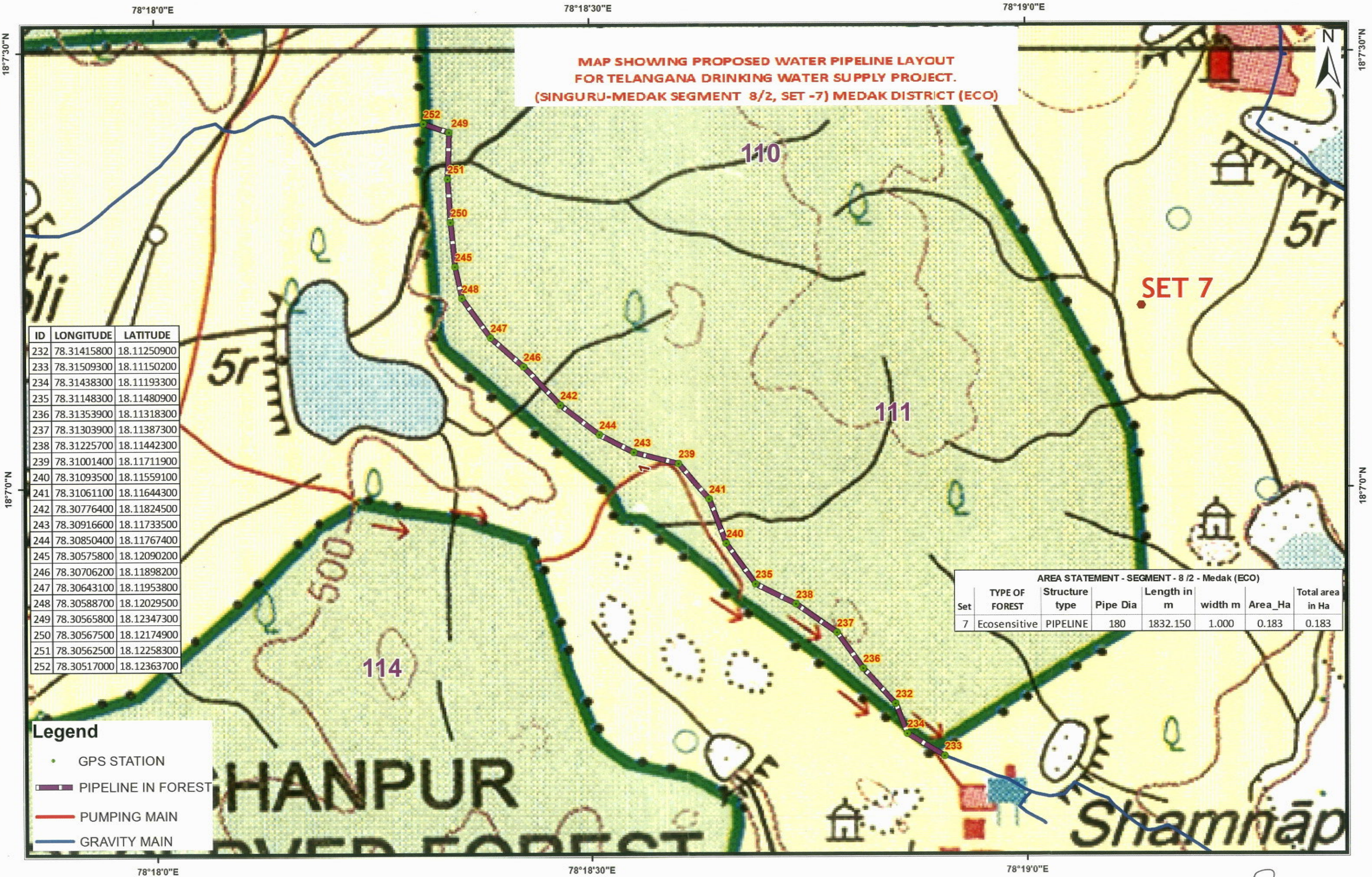
Geographic Coordinate System and WGS-84 Datum

0 0.175 0.35 0.7 1.05 1.4 KM

Executive Engineer
T.D.W.S.P. Division Medak

Superintendent Engineer
TDWSP Circle Medak

Chief Engineer
TDWSP (RWS&S), Hyderabad.



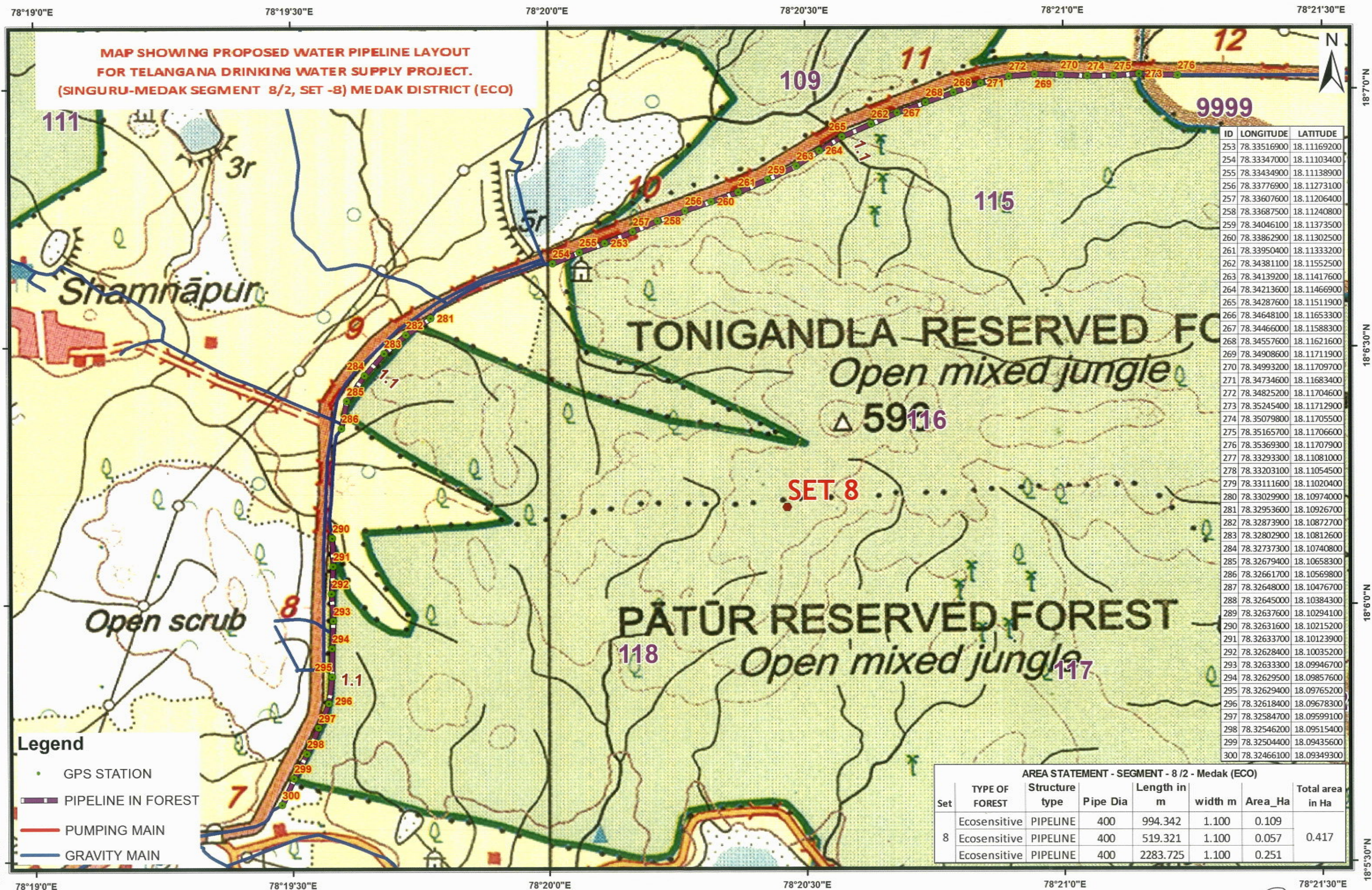
Geographic Coordinate System and WGS-84 Datum

0 0.075 0.15 0.3 0.45 0.6 KM

[Signature]
Executive Engineer
T.D.W.S.P. Division Medak

[Signature]
Superintending Engineer
TDWSP Circle - Sangareddy

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



Legend

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

Geographic Coordinate System and WGS-84 Datum

0 0.15 0.3 0.6 0.9 1.2 KM

Executive Engineer
T.D.W.S.P. Division Medak

Superintending Engineer
TDWSP Circle Sangareddy

Chief Engineer
TDWSP (RWS&S), Hyderabad.

ID	LONGITUDE	LATITUDE
253	78.33516900	18.11169200
254	78.33347000	18.11103400
255	78.33434900	18.11138900
256	78.33776900	18.11273100
257	78.33607600	18.11206400
258	78.33687500	18.11240800
259	78.34046100	18.11373500
260	78.33862900	18.11302500
261	78.33950400	18.11333200
262	78.34381100	18.11552500
263	78.34139200	18.11417600
264	78.34213600	18.11466900
265	78.34287600	18.11511900
266	78.34648100	18.11653300
267	78.34466000	18.11588300
268	78.34557600	18.11621600
269	78.34908600	18.11711900
270	78.34993200	18.11709700
271	78.34734600	18.11683400
272	78.34825200	18.11704600
273	78.35245400	18.11712900
274	78.35079800	18.11705500
275	78.35165700	18.11706600
276	78.35369300	18.11707900
277	78.33293300	18.11081000
278	78.33203100	18.11054500
279	78.33111600	18.11020400
280	78.33029900	18.10974000
281	78.32953600	18.10926700
282	78.32873900	18.10872700
283	78.32802900	18.10812600
284	78.32737300	18.10740800
285	78.32679400	18.10658300
286	78.32661700	18.10569800
287	78.32648000	18.10476700
288	78.32645000	18.10384300
289	78.32637600	18.10294100
290	78.32631600	18.10215200
291	78.32633700	18.10123900
292	78.32628400	18.10035200
293	78.32633300	18.09946700
294	78.32629500	18.09857600
295	78.32629400	18.09765200
296	78.32618400	18.09678300
297	78.32584700	18.09599100
298	78.32546200	18.09515400
299	78.32504400	18.09435600
300	78.32466100	18.09349300

AREA STATEMENT - SEGMENT - 8 / 2 - Medak (ECO)							
Set	TYPE OF FOREST	Structure type	Pipe Dia	Length in m	width m	Area_Ha	Total area in Ha
8	Ecosensitive	PIPELINE	400	994.342	1.100	0.109	0.417
	Ecosensitive	PIPELINE	400	519.321	1.100	0.057	
	Ecosensitive	PIPELINE	400	2283.725	1.100	0.251	

78°19'30"E

78°20'0"E

78°20'30"E

**MAP SHOWING PROPOSED WATER PIPELINE LAYOUT
FOR TELANGANA DRINKING WATER SUPPLY PROJECT.
(SINGURU-MEDAK SEGMENT 8/2, SET -9) MEDAK DISTRICT (ECO)**

ID	LONGITUDE	LATITUDE
301	78.33259700	18.06952500
302	78.33533900	18.07209600
303	78.33413300	18.06983100
304	78.33483200	18.07039200
305	78.33543300	18.07116100
306	78.33883900	18.07362500
307	78.33596100	18.07272500
308	78.33691800	18.07299900
309	78.33787200	18.07312800
310	78.34095900	18.07541100
311	78.33963500	18.07410000
312	78.34030000	18.07468900
313	78.34126300	18.07716500
314	78.34112100	18.07640900
315	78.34117600	18.07716700
316	78.33265300	18.06953600
317	78.33104500	18.06878200
318	78.32949400	18.06806200
319	78.33823600	18.07879100
320	78.33876100	18.07849000
321	78.33949200	18.07803800
322	78.34035100	18.07754200
323	78.34124700	18.07714700
324	78.34216500	18.07701300
325	78.34315800	18.07695100
326	78.34416300	18.07676900
327	78.34509300	18.07659500
328	78.33339800	18.06970500
329	78.33179600	18.06919700
330	78.33011000	18.06827300
331	78.32877600	18.06806800
332	78.32784200	18.06791200
333	78.32693300	18.06761200
334	78.32595900	18.06748000
335	78.32507900	18.06710000
336	78.32427800	18.06659000

SET 9

Sluice

Sluice

Track follows bed

128

127

RĀYENPALLI

129

AREA STATEMENT - SEGMENT - 8 /2 - Medak (ECO)							
Set	TYPE OF FOREST	Structure type	Pipe Dia	Length in m	width m	Area_Ha	Total area in Ha
9	Ecosensitive	PIPELINE	90	2241.596	0.700	0.157	0.214
	Ecosensitive	PIPELINE	110	715.505	0.800	0.057	

Legend

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

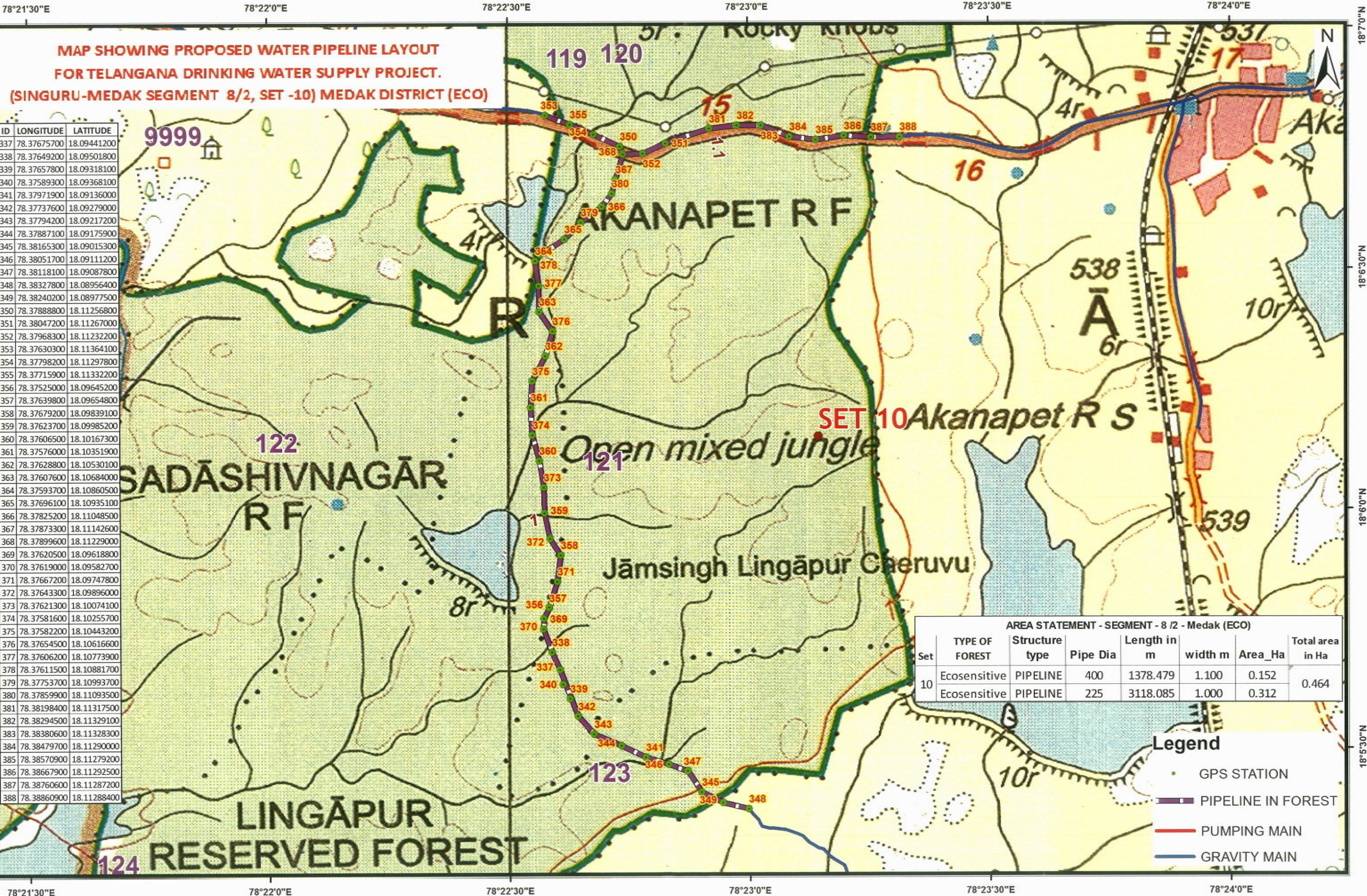
Geographic Coordinate System and WGS-84 Datum

0 0.075 0.15 0.3 0.45 0.6 KM

Executive Engineer
T.D.W.S.P. Division Medak

Superintendent Engineer
TDWSP Circle-Sangareddy

Chief Engineer
TDWSP (RWS&S), Hyderabad.



Geographic Coordinate System and WGS-84 Datum

0 0.15 0.3 0.6 0.9 1.2 KM

Executive Engineer
T.D.W.S.P. Division Medak

Superintending Engineer
TDWSP Circle Sangareddy

Chief Engineer
TDWSP (RWS&S), Hyderabad.

78°17'0"E

78°17'30"E

78°18'0"E

**MAP SHOWING PROPOSED WATER PIPELINE LAYOUT
FOR TELANGANA DRINKING WATER SUPPLY PROJECT.
(SINGURU-MEDAK SEGMENT 8/2, SET -11) MEDAK DISTRICT (ECO)**

ID	LONGITUDE	LATITUDE
389	78.29393300	18.04718200
390	78.29558900	18.04771100
391	78.29471800	18.04771700
392	78.29335000	18.04642900
393	78.29227100	18.04517000
394	78.29152500	18.04465300
395	78.29269000	18.04568900
396	78.29061000	18.04393600
397	78.29061000	18.04393600

Legend

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

AREA STATEMENT - SEGMENT - 8 / 2 - Medak (ECO)							
Set	TYPE OF FOREST	Structure type	Pipe Dia	Length in m	width m	Area_Ha	Total area in Ha
11	Ecosensitive	PIPELINE	63	701.371	0.700	0.049	0.049

Geographic Coordinate System and WGS-84 Datum

0 0.075 0.15 0.3 0.45 0.6 KM

Executive Engineer
T.D.W.S.P. Division Medak

Superintendent
T.D.W.S.P. Division Medak

Chief Engineer
TDWSP (RWS&S), Hyderabad.

78°21'0"E

78°21'30"E

78°22'0"E

MAP SHOWING PROPOSED WATER PIPELINE LAYOUT
FOR TELANGANA DRINKING WATER SUPPLY PROJECT.
(SINGURU-MEDAK SEGMENT 8/2, SET -12) MEDAK DISTRICT



6r

564

SET 12

134

6r

Turakal Mohammedapur

Gajgatla

ID	Longitude	Latitude
398	78.35760600	18.01304400
399	78.36002200	18.01217800
400	78.35845900	18.01271100
401	78.35925800	18.01230900
403	78.36088000	18.01206700
404	78.35713300	18.01326400
405	78.35619800	18.01370400
406	78.35522000	18.01400300
407	78.35424800	18.01413100

AREA STATEMENT - SEGMENT - 8 /2 - Medak							
Set	TYPE OF FOREST	Structure type	Pipe Dia	Length in m	width m	Area_Ha	Total area in Ha
12	FOREST	PIPELINE	63	746.243	0.700	0.052	0.052

Legend

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

25

Lambādi

78°21'0"E

78°21'30"E

78°22'0"E

Geographic Coordinate System and WGS-84 Datum

0 0.075 0.15 0.3 0.45 0.6 KM

Executive Engineer
T.D.W.S.P. Division Medak

Superintendent
TDWSP Circle-Sangareddy

Chief Engineer
TDWSP (RWS&S), Hyderabad.

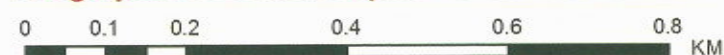
**MAP SHOWING PROPOSED WATER PIPELINE LAYOUT
FOR TELANGANA DRINKING WATER SUPPLY PROJECT.
(SINGURU-MEDAK SEGMENT 8/2, SET -13) MEDAK DISTRICT**

ID	Longitude	Latitude
409	78.34371300	18.00700800
410	78.34182300	18.00754800
411	78.34275400	18.00721600
412	78.34748000	18.00595600
413	78.34464900	18.00676000
414	78.34560500	18.00646500
415	78.34652600	18.00622800
416	78.35053000	18.00508000
417	78.34854200	18.00563500
418	78.34948600	18.00536700
419	78.35340500	18.00401400
420	78.35156400	18.00470700
421	78.35248500	18.00430500
422	78.35524700	18.00340100
423	78.35612100	18.00311400
424	78.35431500	18.00372400
425	78.34102800	18.00780100
426	78.33999600	18.00812800
427	78.33903700	18.00844800
428	78.33806100	18.00879000
429	78.33715300	18.00908800
430	78.33619100	18.00931200
431	78.33520300	18.00953700
432	78.33430500	18.01010200
433	78.33372400	18.01099000
434	78.33317900	18.01191100
435	78.33263000	18.01274900
436	78.33201000	18.01349100
437	78.33129600	18.01416100
438	78.33026100	18.01462200
439	78.32929100	18.01478700
440	78.32828300	18.01513800

Legend	
	GPS STATION
	PIPELINE IN FOREST
	PUMPING MAIN
	GRAVITY MAIN

AREA STATEMENT - SEGMENT - 8 /2 - Medak							
Set	TYPE OF FOREST	Structure type	Pipe Dia	Length in m	width m	Area_Ha	Total area in Ha
13	FOREST	PIPELINE	350	3337.221	1.100	0.367	0.367

Geographic Coordinate System and WGS-84 Datum



Executive Engineer
T.D.W.S.P. Division Medak

Superintending Engineer
TDWSP Circle - Sangareddy

Chief Engineer
TDWSP (RWS&S), Hyderabad.