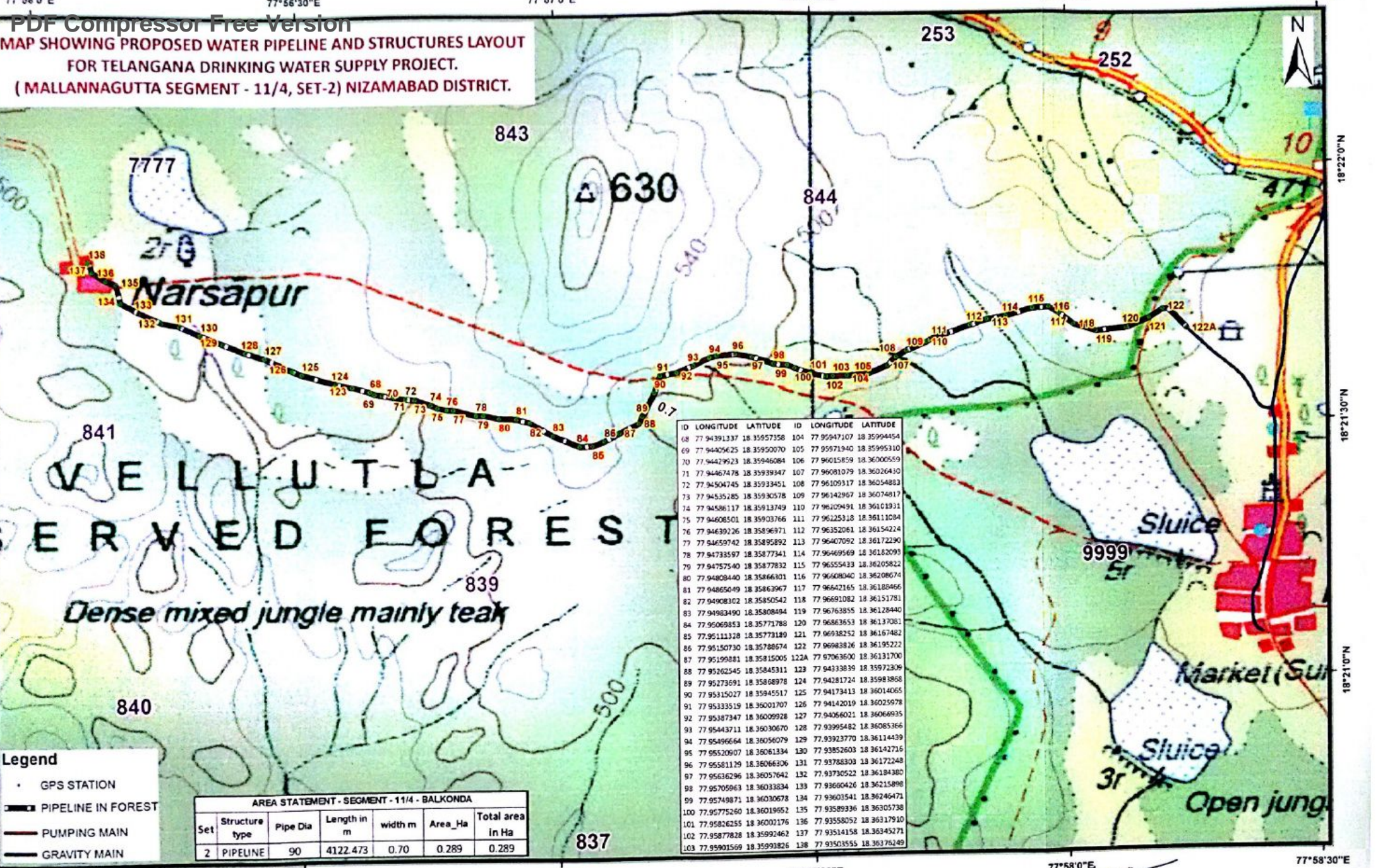


PDF Compressor Free Version
MAP SHOWING PROPOSED WATER PIPELINE AND STRUCTURES LAYOUT FOR TELANGANA DRINKING WATER SUPPLY PROJECT.
(MALLANNAGUTTA SEGMENT - 11/4, SET-2) NIZAMABAD DISTRICT.



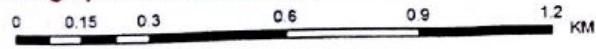
- Legend**
- GPS STATION
 - PIPELINE IN FOREST
 - PUMPING MAIN
 - GRAVITY MAIN

AREA STATEMENT - SEGMENT - 11/4 - BALKONDA

Set	Structure type	Pipe Dia	Length in m	width m	Area_Ha	Total area in Ha
2	PIPELINE	90	4122.473	0.70	0.289	0.289

ID	LONGITUDE	LATITUDE	ID	LONGITUDE	LATITUDE
68	77.94391337	18.35957358	104	77.95947107	18.35994454
69	77.94405625	18.35950070	105	77.95971940	18.35995310
70	77.94429923	18.35946084	106	77.96015859	18.36000559
71	77.94467478	18.35939347	107	77.96081079	18.36026430
72	77.94504745	18.35933451	108	77.96109317	18.36054883
73	77.94535285	18.35930578	109	77.96142967	18.36074817
74	77.94586117	18.35913749	110	77.96209491	18.36101931
75	77.94608501	18.35903766	111	77.9625310	18.36110204
76	77.94630126	18.35896971	112	77.96352061	18.36154224
77	77.94659742	18.35895892	113	77.96407092	18.36172290
78	77.94733597	18.35877341	114	77.96469569	18.36182093
79	77.94757540	18.35877832	115	77.96555433	18.36205822
80	77.94808440	18.35866301	116	77.96608040	18.36206074
81	77.94865049	18.35863967	117	77.96642165	18.36185466
82	77.94908302	18.35850542	118	77.96691082	18.36151781
83	77.94983490	18.35808404	119	77.96763855	18.36128440
84	77.95069853	18.35771788	120	77.96863653	18.36137081
85	77.95111328	18.35773189	121	77.96938252	18.36167482
86	77.95150730	18.35788674	122	77.96983826	18.36195222
87	77.95199881	18.35815005	122A	77.97063600	18.36131700
88	77.95262545	18.35845311	123	77.94333839	18.35972309
89	77.95273691	18.35808978	124	77.94281724	18.35983868
90	77.95315027	18.35945517	125	77.94173413	18.36014065
91	77.95333519	18.36001707	126	77.94142019	18.36025978
92	77.95387347	18.36009928	127	77.94056021	18.36060935
93	77.95443711	18.36030670	128	77.93995482	18.36085366
94	77.95496664	18.36056079	129	77.93923770	18.36114439
95	77.95520907	18.36061334	130	77.93852603	18.36142716
96	77.95581129	18.36066306	131	77.93788303	18.36172248
97	77.95636296	18.36057642	132	77.93730522	18.36194380
98	77.95705963	18.36033834	133	77.93660426	18.36215898
99	77.95749871	18.36030678	134	77.93603541	18.36246471
100	77.95775260	18.36019652	135	77.93589336	18.36305738
101	77.95826255	18.36002176	136	77.93558052	18.36317910
102	77.95877828	18.35992462	137	77.93514158	18.36345271
103	77.95901569	18.35993826	138	77.93503555	18.36376249

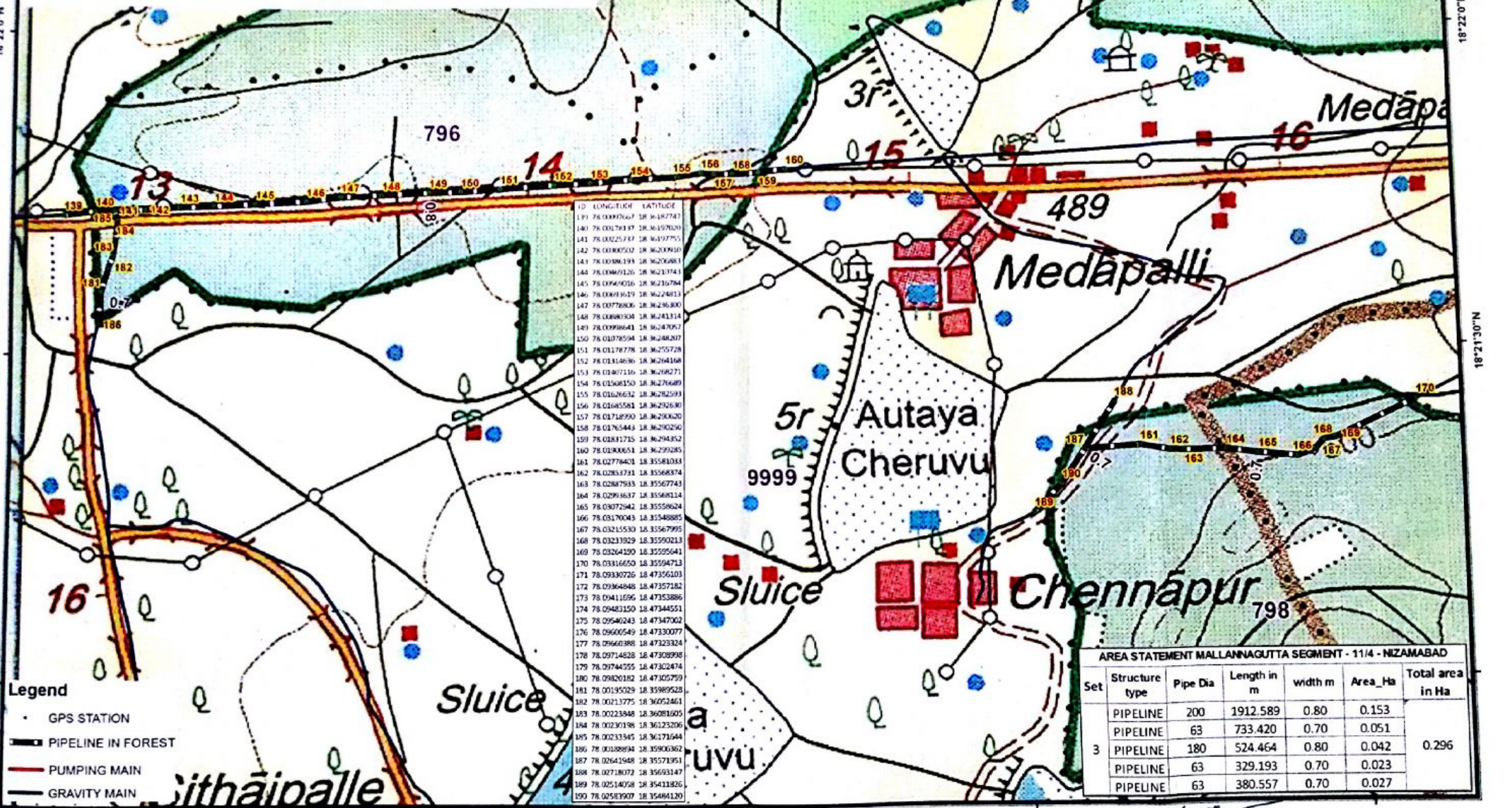
Geographic Coordinate System and WGS-84 Datum



Superintending Engineer
 TDWSP (Circle) Nirmal

Chief Engineer
 TDWSP, Hyderabad

MAP SHOWING PROPOSED WATER PIPELINE AND STRUCTURES LAYOUT FOR TELANGANA DRINKING WATER SUPPLY PROJECT. (MALLANNAGUTTA SEGMENT - 11/4, SET-3) NIZAMABAD DISTRICT.

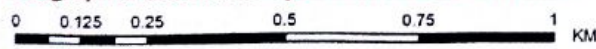


ID	LONGITUDE	LATITUDE
139	78.0007667	18.36182743
140	78.00179347	18.36197020
141	78.0025737	18.36197755
142	78.00300502	18.36200910
143	78.00396199	18.36206883
144	78.00469126	18.36213743
145	78.00549026	18.362210794
146	78.00633629	18.36224813
147	78.00728806	18.36229800
148	78.00808304	18.36231314
149	78.00899843	18.362347952
150	78.01078594	18.36248207
151	78.01178778	18.36255728
152	78.01314696	18.36264168
153	78.01407116	18.36269271
154	78.01568150	18.36276689
155	78.01626632	18.36282593
156	78.01685581	18.36282690
157	78.01718990	18.362830620
158	78.01765444	18.362829260
159	78.01831715	18.36294852
160	78.01900051	18.36299285
161	78.02778401	18.35581033
162	78.02851731	18.35568374
163	78.02887933	18.35567743
164	78.02963637	18.35568134
165	78.03072942	18.35558624
166	78.03170043	18.35548885
167	78.03215530	18.35567995
168	78.03233929	18.35590213
169	78.03264190	18.35595641
170	78.03316650	18.35594713
171	78.03330726	18.47356103
172	78.03364848	18.47357182
173	78.03411696	18.47353886
174	78.03483150	18.47344551
175	78.03540243	18.47347002
176	78.03600549	18.47330077
177	78.03660389	18.47323324
178	78.03714828	18.47308998
179	78.03744555	18.47302474
180	78.03820182	18.47305759
181	78.00135029	18.35895228
182	78.00213775	18.36052461
183	78.00223848	18.36081605
184	78.00230198	18.36123206
185	78.00233345	18.36171644
186	78.00188894	18.35900362
187	78.02641948	18.35571951
188	78.02718072	18.35693147
189	78.02514058	18.35411826
190	78.02583907	18.35484120

AREA STATEMENT MALLANNAGUTTA SEGMENT - 11/4 - NIZAMABAD

Set	Structure type	Pipe Dia	Length in m	width m	Area_Ha	Total area in Ha
3	PIPELINE	200	1912.589	0.80	0.153	0.296
	PIPELINE	63	733.420	0.70	0.051	
	PIPELINE	180	524.464	0.80	0.042	
	PIPELINE	63	329.193	0.70	0.023	
	PIPELINE	63	380.557	0.70	0.027	

Geographic Coordinate System and WGS-84 Datum



Superintending Engineer
TDWSP (Circle) Nirmal

Chief Engineer
TDWSP, Hyderabad

MAP SHOWING PROPOSED WATER PIPELINE AND STRUCTURES LAYOUT FOR TELANGANA DRINKING WATER SUPPLY PROJECT. (MALLANNAGUTTA SEGMENT - 11/4, SET-4) NIZAMABAD DISTRICT.

mixed jungle mainly teak

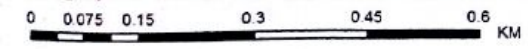
Medāpalli Tānda 17

Open so

ID	LONGITUDE	LATITUDE
191	78.03989742	18.36194886
192	78.04018919	18.36230397
193	78.04122941	18.36331928
194	78.04153061	18.36368722
195	78.05142526	18.36904353
196	78.05126599	18.36901591
197	78.05091365	18.36883434
198	78.05023660	18.36850280
199	78.04970529	18.36828473
200	78.04897055	18.36789396
201	78.04798926	18.36743325
202	78.04717381	18.36709016
203	78.04684843	18.36688461
204	78.04583087	18.36640573
205	78.04486172	18.36595187
206	78.04408075	18.36555424
207	78.04378807	18.36530237
208	78.04296507	18.36477361
209	78.04265840	18.36463417
210	78.04241825	18.36445410
211	78.04195451	18.36425236
212	78.05142526	18.36904353
213	78.05144296	18.36890352
214	78.05150844	18.36893095
215	78.05157953	18.36908138
216	78.05168377	18.36916207
217	78.05157953	18.36908138
218	78.05159576	18.36894550
219	78.04065544	18.35814616
220	78.04062702	18.35855395
221	78.04067166	18.35911430
222	78.04053640	18.35947034
223	78.04040735	18.36017818
224	78.04031084	18.36054012
225	78.04008676	18.36069852
226	78.03956077	18.36113016

Set	Structure type	Pipe Dia	Length in m	width m	Area_Ha	Total area in Ha
4	PIPELINE	200	1473.807	0.90	0.133	0.196
	PIPELINE	200	14.193	2.00	0.003	
	PIPELINE	200	373.290	0.90	0.034	
	BPT				0.026	

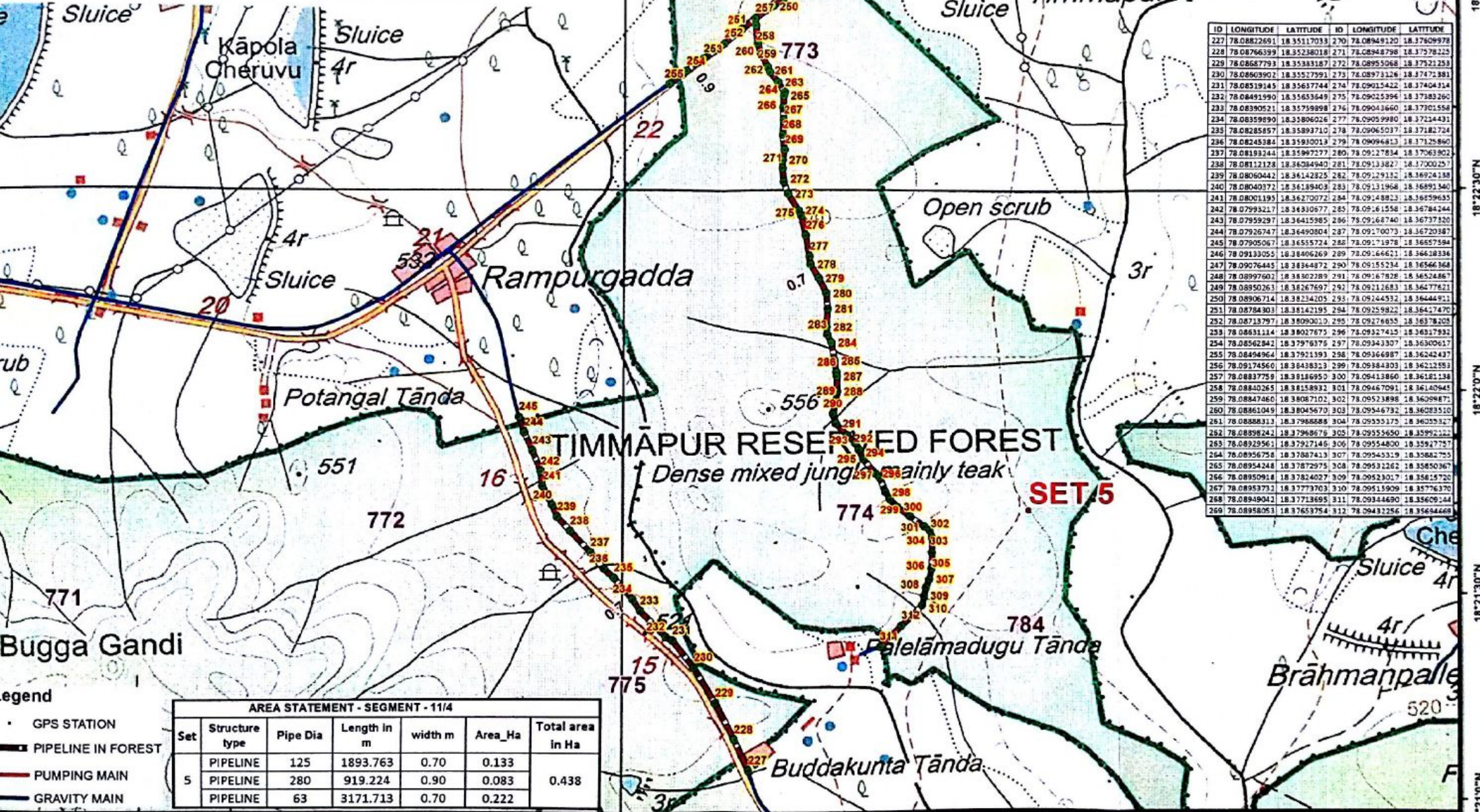
- Legend**
- GPS STATION
 - PIPELINE IN FOREST
 - PUMPING MAIN
 - GRAVITY MAIN



Superintending Engineer TDWSP (Circle) Nirmal

Chief Engineer TDWSP, Hyderabad

MAP SHOWING PROPOSED WATER PIPELINE AND STRUCTURES LAYOUT FOR TELANGANA DRINKING WATER SUPPLY PROJECT. (MALLANNAGUTTA SEGMENT 11/4, SET-5) NIZAMABAD DISTRICT.

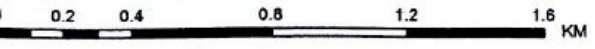


ID	LONGITUDE	LATITUDE	ID	LONGITUDE	LATITUDE
227	78.08822691	18.35117033	270	78.08949120	18.37609978
228	78.08766399	18.35280181	271	78.08948798	18.37578225
229	78.08687793	18.35383187	272	78.08955068	18.37521253
230	78.08603902	18.35527991	273	78.08971126	18.37472381
231	78.08519145	18.35637744	274	78.09015422	18.37404314
232	78.08481990	18.35653649	275	78.09025396	18.37385260
233	78.08390521	18.35759898	276	78.09043660	18.37301558
234	78.08359890	18.35806026	277	78.09059980	18.37214431
235	78.08285857	18.35893710	278	78.09065037	18.37182724
236	78.08245384	18.35930013	279	78.09094813	18.37125860
237	78.08193244	18.35987277	280	78.09127834	18.37063902
238	78.08112128	18.36084940	281	78.09133827	18.37000257
239	78.08060442	18.36142825	282	78.09129132	18.36924138
240	78.08040372	18.36189403	283	78.09131968	18.36891340
241	78.08001195	18.36270072	284	78.09148813	18.36859635
242	78.07993217	18.36330677	285	78.09161558	18.36784244
243	78.07959297	18.36415985	286	78.09168740	18.36737320
244	78.07926747	18.36499804	287	78.09170073	18.36720387
245	78.07905067	18.36555724	288	78.09171978	18.36657584
246	78.09133052	18.36406269	289	78.09166621	18.36638336
247	78.09076445	18.36364872	290	78.09155234	18.36566368
248	78.08997602	18.36302289	291	78.09167828	18.36524867
249	78.08950263	18.36267697	292	78.09121683	18.36477621
250	78.08906714	18.36234205	293	78.09144532	18.36444911
251	78.08784303	18.36142195	294	78.09259822	18.36417470
252	78.08733797	18.36090010	295	78.09276655	18.36378203
253	78.08681114	18.36027673	296	78.09327415	18.36317832
254	78.08562842	18.35976376	297	78.09343307	18.36300617
255	78.08494964	18.35921393	298	78.09366987	18.36242437
256	78.09174560	18.36483123	299	78.09384303	18.36212583
257	78.08837759	18.36186950	300	78.09413860	18.36181138
258	78.08840265	18.36158932	301	78.09467091	18.36140945
259	78.08847460	18.36087102	302	78.09523898	18.36099871
260	78.08861049	18.36045670	303	78.09546732	18.36083510
261	78.08888313	18.35988888	304	78.09555175	18.36055327
262	78.08898242	18.35968678	305	78.09555650	18.35992122
263	78.08929561	18.35927146	306	78.09554800	18.35927757
264	78.08956758	18.35887413	307	78.09544319	18.35862793
265	78.08954248	18.35872975	308	78.09531262	18.35803687
266	78.08950918	18.35824027	309	78.09523017	18.35615720
267	78.08953732	18.35773703	310	78.09511909	18.35776370
268	78.08949042	18.35713695	311	78.09344690	18.35609144
269	78.08958051	18.35653754	312	78.09432256	18.35644669

AREA STATEMENT - SEGMENT - 11/4

Set	Structure type	Pipe Dia	Length in m	width m	Area_Ha	Total area in Ha
5	PIPELINE	125	1893.763	0.70	0.133	0.438
	PIPELINE	280	919.224	0.90	0.083	
	PIPELINE	63	3171.713	0.70	0.222	

Geographic Coordinate System and WGS-84 Datum



Superintending Engineer TDWSP (Circle) Nirmal

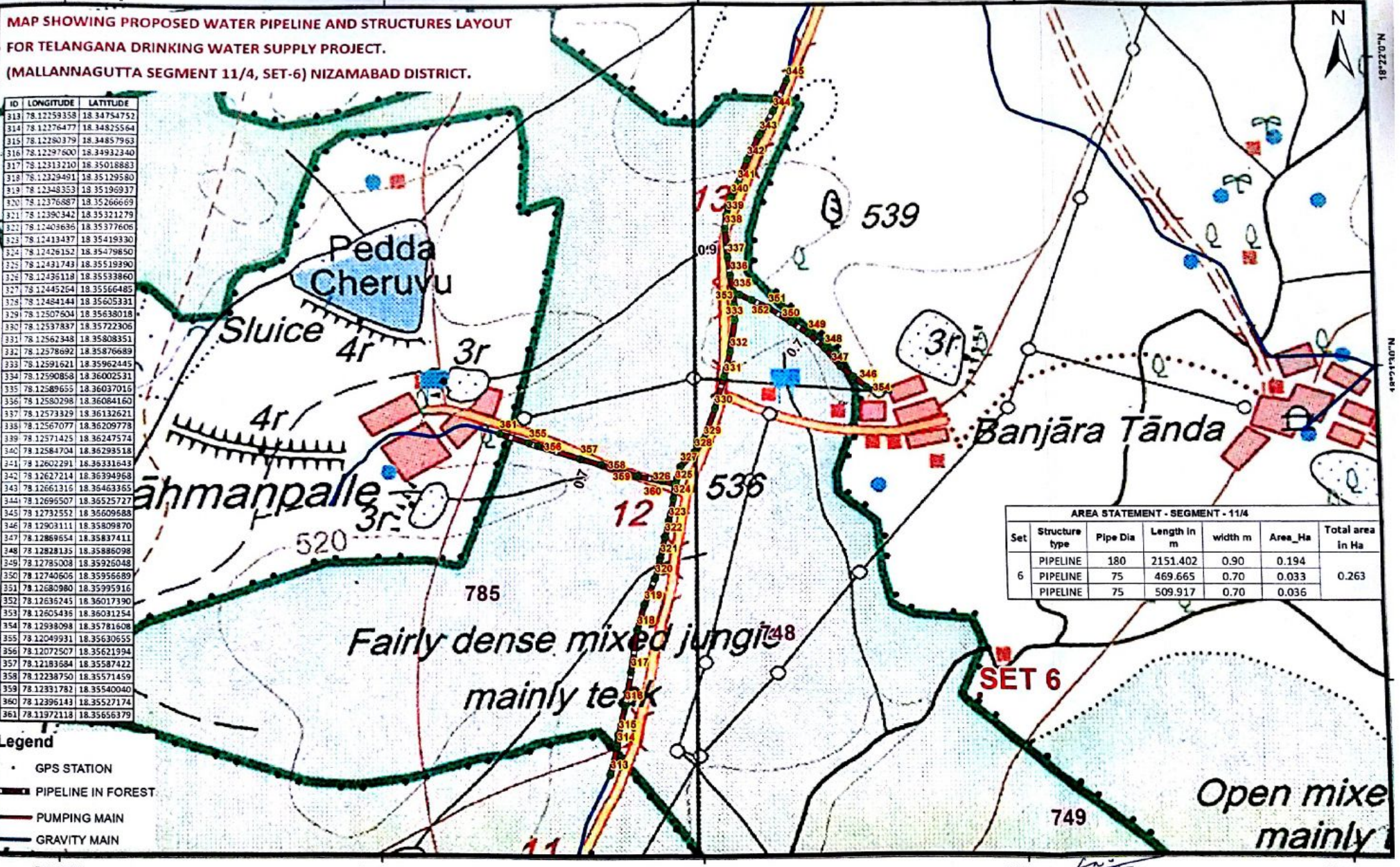
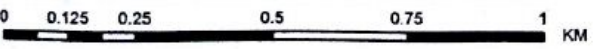
Chief Engineer TDWSP, Hyderabad

**MAP SHOWING PROPOSED WATER PIPELINE AND STRUCTURES LAYOUT
FOR TELANGANA DRINKING WATER SUPPLY PROJECT.
(MALLANNAGUTTA SEGMENT 11/4, SET-6) NIZAMABAD DISTRICT.**

ID	LONGITUDE	LATITUDE
313	78.12259358	18.34754752
314	78.12276477	18.34825564
315	78.12280379	18.34857963
316	78.12297600	18.34932340
317	78.12313210	18.35018883
318	78.12329491	18.35129580
319	78.12348353	18.35196937
320	78.12376887	18.35266669
321	78.12390342	18.35321279
322	78.12403636	18.35377606
323	78.12413437	18.35419330
324	78.12428152	18.35479850
325	78.12431743	18.35519390
326	78.12435118	18.35533860
327	78.12445264	18.35566485
328	78.12484144	18.35605331
329	78.12507604	18.35638018
330	78.12537837	18.35722306
331	78.12562348	18.35808351
332	78.12578692	18.35876689
333	78.12591621	18.35962445
334	78.12590858	18.36002531
335	78.12589655	18.36037016
336	78.12580298	18.36084160
337	78.12573329	18.36132621
338	78.12567077	18.36209778
339	78.12571425	18.36247574
340	78.12584704	18.36293518
341	78.12602291	18.36331643
342	78.12627214	18.36394968
343	78.12661316	18.36463365
344	78.12696507	18.36525727
345	78.12732552	18.36609688
346	78.12903111	18.35809870
347	78.12869654	18.35837411
348	78.12828135	18.35886098
349	78.12785008	18.35926048
350	78.12740606	18.35956689
351	78.12680980	18.35995916
352	78.12635245	18.36017390
353	78.12605436	18.36031254
354	78.12593098	18.35781608
355	78.12049931	18.35630655
356	78.12072507	18.35621994
357	78.12183684	18.35587422
358	78.12238750	18.35571459
359	78.12331782	18.35540040
360	78.12396143	18.35527174
361	78.11972118	18.35656379

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

Geographic Coordinate System and WGS-84 Datum



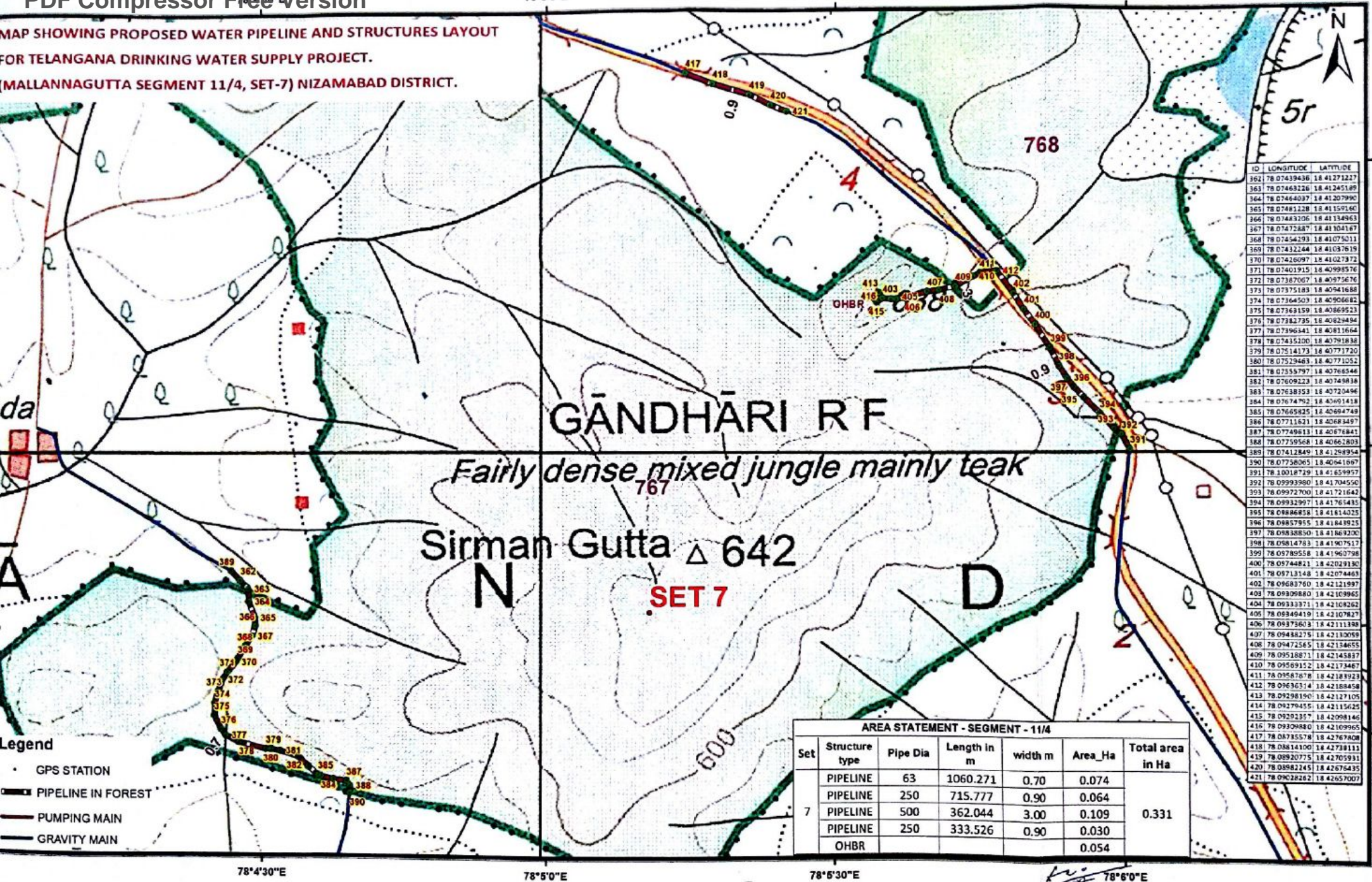
AREA STATEMENT - SEGMENT - 11/4

Set	Structure type	Pipe Dia	Length in m	width m	Area_Ha	Total area In Ha
6	PIPELINE	180	2151.402	0.90	0.194	0.263
	PIPELINE	75	469.665	0.70	0.033	
	PIPELINE	75	509.917	0.70	0.036	

Superintending Engineer
TDWSP (Circle) Nirmal

Chief Engineer
TDWSP, Hyderabad

MAP SHOWING PROPOSED WATER PIPELINE AND STRUCTURES LAYOUT
 FOR TELANGANA DRINKING WATER SUPPLY PROJECT.
 (MALLANNAGUTTA SEGMENT 11/4, SET-7) NIZAMABAD DISTRICT.



ID	LONGITUDE	LATITUDE
362	78 07439436	18 41271227
363	78 07463226	18 41245189
364	78 07464037	18 41207990
365	78 07481228	18 41159160
366	78 07483206	18 41134963
367	78 07472887	18 41104187
368	78 07454293	18 41075011
369	78 07432244	18 41037619
370	78 07426097	18 41027372
371	78 07401915	18 40999576
372	78 07387007	18 40975676
373	78 07375183	18 40941688
374	78 07364503	18 40906682
375	78 07363159	18 40869523
376	78 07382735	18 40829494
377	78 07396441	18 40811664
378	78 07435200	18 40791838
379	78 07514173	18 40777120
380	78 07529463	18 40771052
381	78 07555797	18 40766546
382	78 07609223	18 40749818
383	78 07638553	18 40720496
384	78 07674792	18 40691418
385	78 07665825	18 40694749
386	78 07711621	18 40683497
387	78 07749613	18 40676841
388	78 07759568	18 40662803
389	78 07412849	18 41258954
390	78 07580651	18 40641697
391	78 10018729	18 41659957
392	78 09993980	18 41704550
393	78 09972700	18 41721642
394	78 09932997	18 41765435
395	78 09866858	18 41814025
396	78 09857955	18 41843925
397	78 09838850	18 41869200
398	78 09814783	18 41907517
399	78 09789558	18 41960798
400	78 09744821	18 42029190
401	78 09713148	18 42074463
402	78 09683760	18 42121997
403	78 09609880	18 42108965
404	78 09333371	18 42108262
405	78 09349419	18 42107827
406	78 09373603	18 42111198
407	78 09488275	18 42130059
408	78 09472565	18 42134655
409	78 09518871	18 42145837
410	78 09569152	18 42173467
411	78 09587878	18 42183923
412	78 09636314	18 42188458
413	78 09298190	18 42127105
414	78 09279455	18 42115625
415	78 09292357	18 42098146
416	78 09320980	18 42109905
417	78 09335574	18 42107827
418	78 08814100	18 42798113
419	78 08920775	18 42705931
420	78 08862145	18 42676435
421	78 09028262	18 42657007

AREA STATEMENT - SEGMENT - 11/4

Set	Structure type	Pipe Dia	Length in m	width m	Area_Ha	Total area in Ha
7	PIPELINE	63	1060.271	0.70	0.074	0.331
	PIPELINE	250	715.777	0.90	0.064	
	PIPELINE	500	362.044	3.00	0.109	
	PIPELINE	250	333.526	0.90	0.030	
	OHBR					

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

Geographic Coordinate System and WGS-84 Datum



Superintending Engineer
 TDWSP (Circle) Nirmal

Chief Engineer
 TDWSP, Hyderabad

MAP SHOWING PROPOSED WATER PIPELINE AND STRUCTURES LAYOUT FOR TELANGANA DRINKING WATER SUPPLY PROJECT. (MALLANNAGUTTA SEGMENT - 11/4, SET-8) NIZAMABAD DISTRICT.

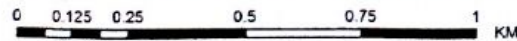
ID	LONGITUDE	LATITUDE
422	78°13'36.798"E	18°45'13.272"N
423	78°13'53.147"E	18°45'13.272"N
424	78°13'54.489"E	18°45'13.710"N
425	78°13'55.946"E	18°45'22.071"N
426	78°13'57.711"E	18°45'22.993"N
427	78°13'58.834"E	18°45'33.167"N
428	78°13'59.204"E	18°45'33.623"N
429	78°13'59.790"E	18°45'36.705"N
430	78°13'59.743"E	18°45'40.800"N
431	78°13'59.147"E	18°45'41.597"N
432	78°13'54.157"E	18°45'42.971"N
433	78°13'51.794"E	18°45'47.723"N
434	78°13'50.819"E	18°45'52.004"N
435	78°13'50.500"E	18°45'56.875"N
436	78°13'54.781"E	18°45'57.201"N
437	78°13'54.394"E	18°45'58.432"N
438	78°13'51.913"E	18°45'54.298"N
439	78°13'46.854"E	18°44'52.008"N
440	78°13'45.125"E	18°44'52.328"N
441	78°13'46.099"E	18°44'51.021"N
442	78°13'47.194"E	18°44'55.788"N
443	78°13'47.962"E	18°44'53.432"N
444	78°13'46.750"E	18°44'51.735"N
445	78°13'47.822"E	18°44'50.230"N
446	78°13'40.157"E	18°43'50.512"N
447	78°13'38.711"E	18°43'29.258"N
448	78°13'38.177"E	18°43'36.906"N
449	78°13'32.245"E	18°43'02.504"N
450	78°13'29.946"E	18°43'06.999"N
451	78°13'24.410"E	18°43'24.517"N
452	78°13'21.175"E	18°43'21.900"N
453	78°13'24.159"E	18°43'42.613"N
454	78°13'24.427"E	18°43'47.754"N
455	78°13'48.247"E	18°43'50.273"N
456	78°13'42.139"E	18°43'56.041"N
457	78°13'33.915"E	18°43'16.214"N
458	78°13'30.757"E	18°43'36.806"N
459	78°13'25.821"E	18°43'36.915"N
460	78°13'21.121"E	18°43'37.100"N
461	78°13'16.939"E	18°43'36.492"N
462	78°13'15.741"E	18°43'36.485"N
463	78°13'15.330"E	18°43'36.127"N
464	78°13'19.090"E	18°43'42.286"N
465	78°13'25.540"E	18°43'43.441"N
466	78°13'29.413"E	18°44'11.087"N
467	78°13'26.772"E	18°44'33.365"N
468	78°13'26.639"E	18°44'31.150"N
469	78°13'27.131"E	18°44'41.465"N
470	78°13'27.820"E	18°45'06.932"N
471	78°13'26.048"E	18°45'42.688"N

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

AREA STATEMENT MALLANNAGUTTA SEGMENT - 11/4 - NIZAMABAD

Set	Structure type	Pipe Dia	Length in m	width m	Area_Ha	Total area in Ha
8	PIPELINE	125	3409.268	0.70	0.239	0.239

Geographic Coordinate System and WGS-84 Datum



Superintending Engineer
TDWSP (Circle) Nirmal

Chief Engineer
TDWSP, Hyderabad

78°9'0"E

78°9'30"E

78°10'0"E

MAP SHOWING PROPOSED WATER PIPELINE AND STRUCTURES LAYOUT FOR TELANGANA DRINKING WATER SUPPLY PROJECT. (MALLANNAGUTTA SEGMENT - 11/4, SET-9) NIZAMABAD DISTRICT.

18°29'30"N

18°29'0"N

18°28'30"N

Sajjanāyak Tānda
Covered tank

Yāchārām

ID	LONGITUDE	LATITUDE
472	78.15826746	18.48224757
473	78.15832433	18.48184097
474	78.15844714	18.48144084
475	78.15864761	18.48077503
476	78.15879505	18.48047080
477	78.15923850	18.47994305
478	78.15981645	18.47935580
479	78.16022107	18.47876266
480	78.16031550	18.47824630
481	78.16030545	18.47760304
482	78.16053301	18.47692106
483	78.15787966	18.48581770
484	78.15808162	18.48395848

AREA STATEMENT MALLANNAGUTTA SEGMENT - 11/4 - NIZAMABAD

Set	Structure type	Pipe Dia	Length in m	width m	Area_Ha	Total area in Ha
9	PIPELINE	90	1054.181	0.70	0.074	0.074

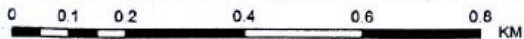
- Legend**
- GPS STATION
 - PIPELINE IN FOREST
 - PUMPING MAIN
 - GRAVITY MAIN

78°9'0"E

78°9'30"E

78°10'0"E

Geographic Coordinate System and WGS-84 Datum



Superintending Engineer
TDWSP (Circle) Nirmal

Chief Engineer
TDWSP, Hyderabad

MAP SHOWING PROPOSED WATER PIPELINE AND STRUCTURES LAYOUT FOR TELANGANA DRINKING WATER SUPPLY PROJECT. (MALLANNAGUTTA SEGMENT 11/4, SET-10) NIZAMABAD DISTRICT.

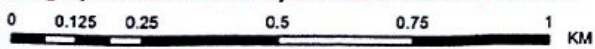
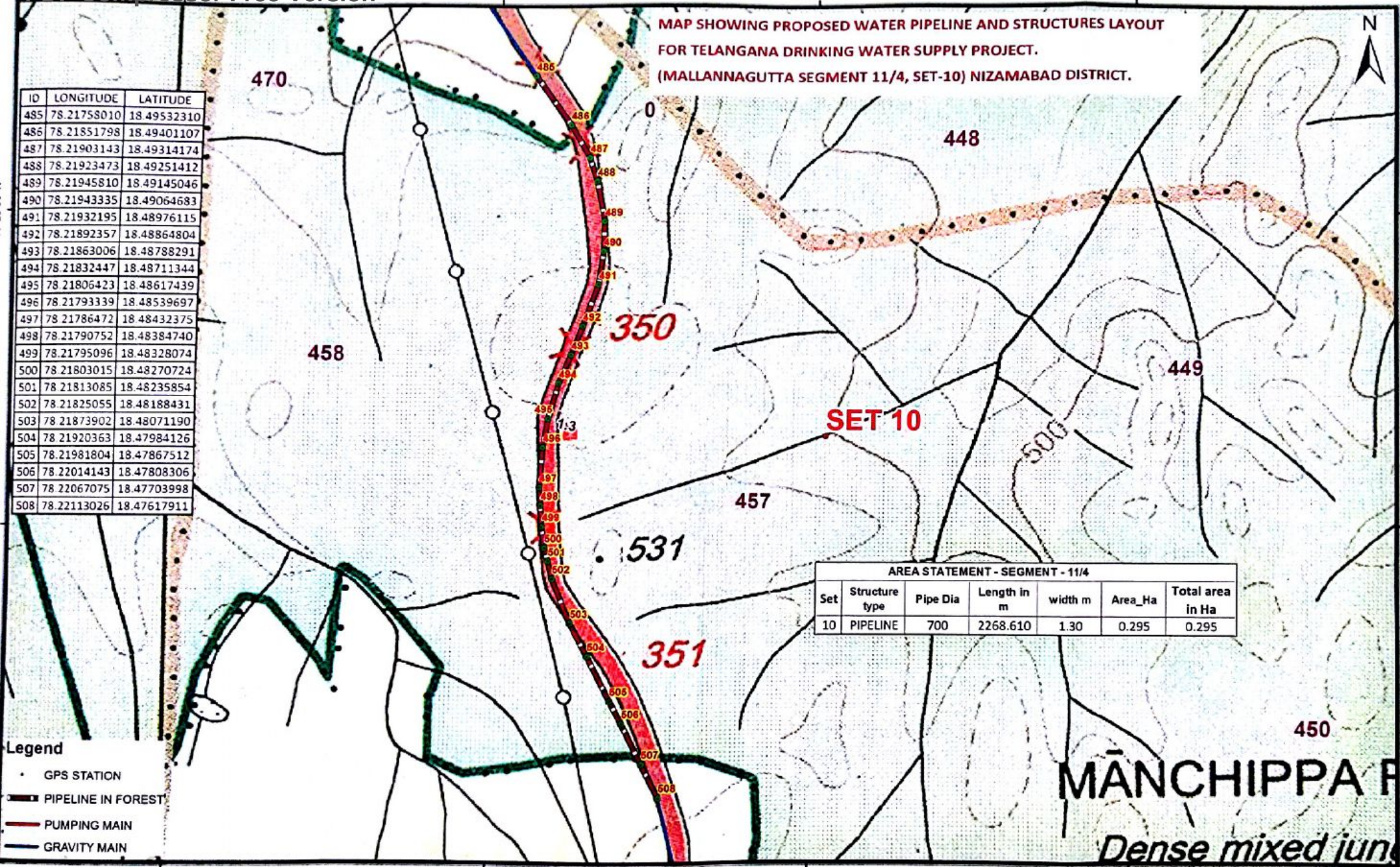


ID	LONGITUDE	LATITUDE
485	78.21758010	18.49532310
486	78.21851798	18.49401107
487	78.21903143	18.49314174
488	78.21923473	18.49251412
489	78.21945810	18.49145046
490	78.21943335	18.49064683
491	78.21932195	18.48976115
492	78.21892357	18.48864804
493	78.21863006	18.48788291
494	78.21832447	18.48711344
495	78.21806423	18.48617439
496	78.21793339	18.48539697
497	78.21786472	18.48432375
498	78.21790752	18.48384740
499	78.21795096	18.48328074
500	78.21803015	18.48270724
501	78.21813085	18.48235854
502	78.21825055	18.48188431
503	78.21873902	18.48071190
504	78.21920363	18.47984126
505	78.21981804	18.47867512
506	78.22014143	18.47808306
507	78.22067075	18.47703998
508	78.22113026	18.47617911

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

AREA STATEMENT - SEGMENT - 11/4

Set	Structure type	Pipe Dia	Length in m	width m	Area_Ha	Total area in Ha
10	PIPELINE	700	2268.610	1.30	0.295	0.295



Superintending Engineer
TDWSP (Circle) Nirmal

Chief Engineer
TDWSP, Hyderabad

MAP SHOWING PROPOSED WATER PIPELINE AND STRUCTURES LAYOUT
FOR TELANGANA DRINKING WATER SUPPLY PROJECT.
(MALLANNAGUTTA SEGMENT 11/4, SET-11) NIZAMABAD DISTRICT.

Sheet rock

3r Stony waste

ID	LONGITUDE	LATITUDE
509	78.39948177	18.40991490
510	78.39912049	18.40994416
511	78.39909462	18.40994636
512	78.39821570	18.41011022
513	78.39755737	18.41023587
514	78.39629640	18.41048359
515	78.39574455	18.41051654
516	78.39455168	18.41055440
517	78.39357808	18.41058529
518	78.39231265	18.41062906
519	78.39220337	18.41063109
520	78.39176285	18.41069371
521	78.39084239	18.41102942
522	78.39066154	18.41117769
523	78.39026114	18.41132372
524	78.38941702	18.41155198
525	78.38911611	18.41174183
526	78.38826670	18.41196503
527	78.38785835	18.41210119
528	78.38728899	18.41220356

AREA STATEMENT - SEGMENT - 11/4

Set	Structure type	Pipe Dia	Length in m	width m	Area_Ha	Total area in Ha
11	PIPELINE	200	1328.580	0.80	0.106	0.106

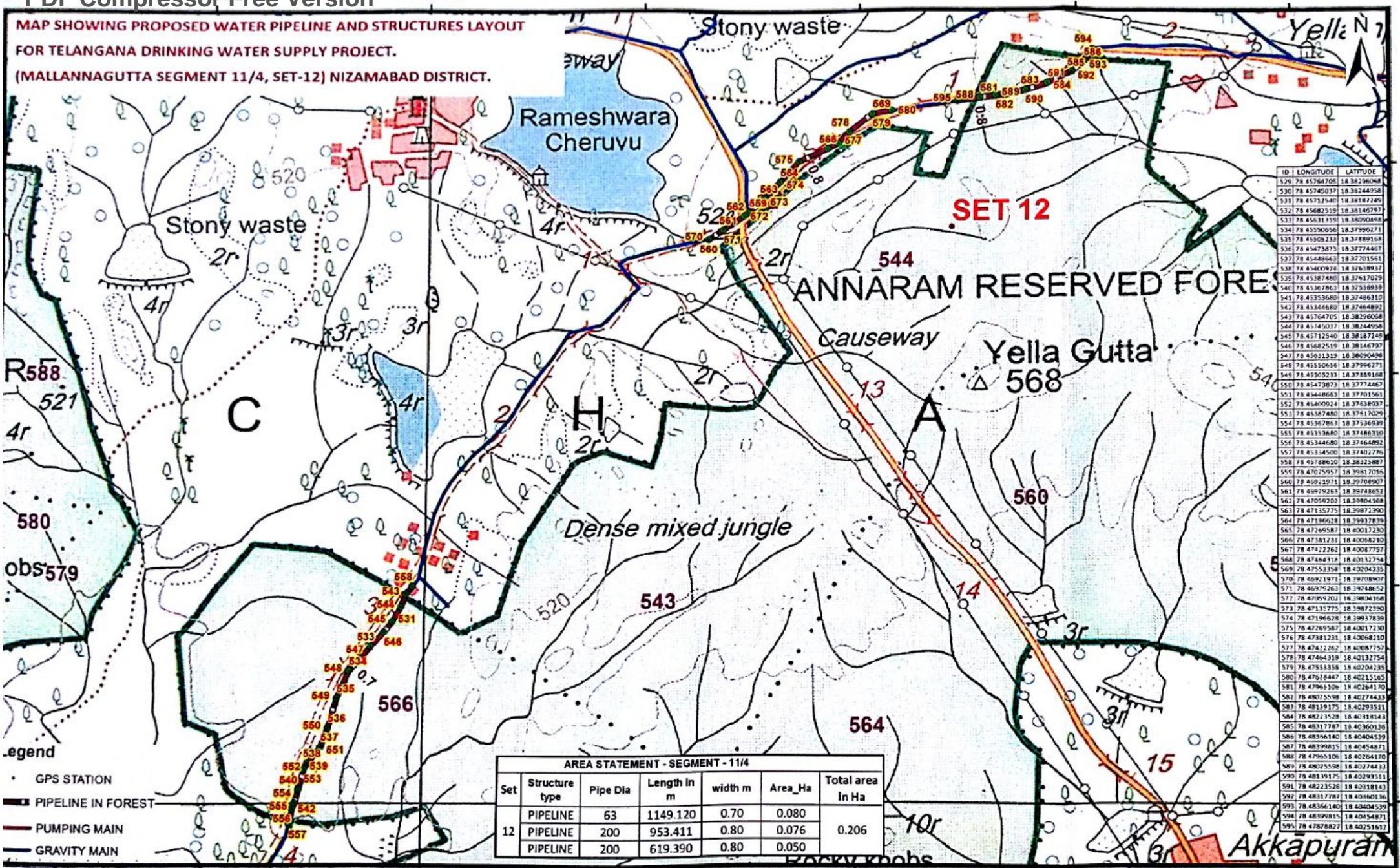
Legend

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

Superintending Engineer
TDWSP (Circle) Nirmal

Chief Engineer
TDWSP, Hyderabad

MAP SHOWING PROPOSED WATER PIPELINE AND STRUCTURES LAYOUT FOR TELANGANA DRINKING WATER SUPPLY PROJECT. (MALLANNAGUTTA SEGMENT 11/4, SET-12) NIZAMABAD DISTRICT.

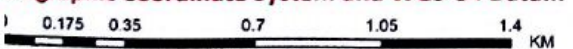


ID	LONGITUDE	LATITUDE
529	78.45764705	18.38296068
530	78.45745037	18.38244958
531	78.45712540	18.38187249
532	78.45682519	18.38140797
533	78.45631319	18.38090490
534	78.45590566	18.37996271
535	78.45505233	18.37889168
536	78.45473875	18.37774467
537	78.45448663	18.37702561
538	78.45409724	18.37633983
539	78.45378780	18.37517029
540	78.45367863	18.37519859
541	78.45353680	18.37488310
542	78.45346680	18.37464892
543	78.45264705	18.38296068
544	78.45245037	18.38244958
545	78.45212540	18.38187249
546	78.45182519	18.38140797
547	78.45131319	18.38090490
548	78.45506566	18.37996271
549	78.45505233	18.37889168
550	78.45473875	18.37774467
551	78.45448663	18.37702561
552	78.45409724	18.37633983
553	78.45378780	18.37517029
554	78.45367863	18.37519859
555	78.45353680	18.37488310
556	78.45346680	18.37464892
557	78.45345030	18.37402776
558	78.45288610	18.38325887
559	78.47075957	18.39817016
560	78.46921971	18.39708907
561	78.46929263	18.39748652
562	78.47059202	18.39804168
563	78.47135775	18.39872390
564	78.47196628	18.39937839
565	78.47265587	18.40017230
566	78.47381231	18.40068230
567	78.47422262	18.40087757
568	78.47468318	18.40131754
569	78.47553358	18.40204235
570	78.46921971	18.39708907
571	78.46929263	18.39748652
572	78.47059202	18.39804168
573	78.47135775	18.39872390
574	78.47196628	18.39937839
575	78.47265587	18.40017230
576	78.47381231	18.40068230
577	78.47422262	18.40087757
578	78.47468318	18.40131754
579	78.47553358	18.40204235
580	78.47624442	18.40215163
581	78.47965106	18.40264130
582	78.48025098	18.40274433
583	78.48139175	18.40293511
584	78.48223528	18.40318143
585	78.48317787	18.40360136
586	78.48366140	18.40404539
587	78.48399615	18.40454871
588	78.47965106	18.40264130
589	78.48025098	18.40274433
590	78.48139175	18.40293511
591	78.48223528	18.40318143
592	78.48317787	18.40360136
593	78.48366140	18.40404539
594	78.48399615	18.40454871
595	78.47878827	18.40251612

Set	Structure type	Pipe Dia	Length in m	width m	Area_Ha	Total area In Ha
12	PIPELINE	63	1149.120	0.70	0.080	0.206
	PIPELINE	200	953.411	0.80	0.076	
	PIPELINE	200	619.390	0.80	0.050	

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

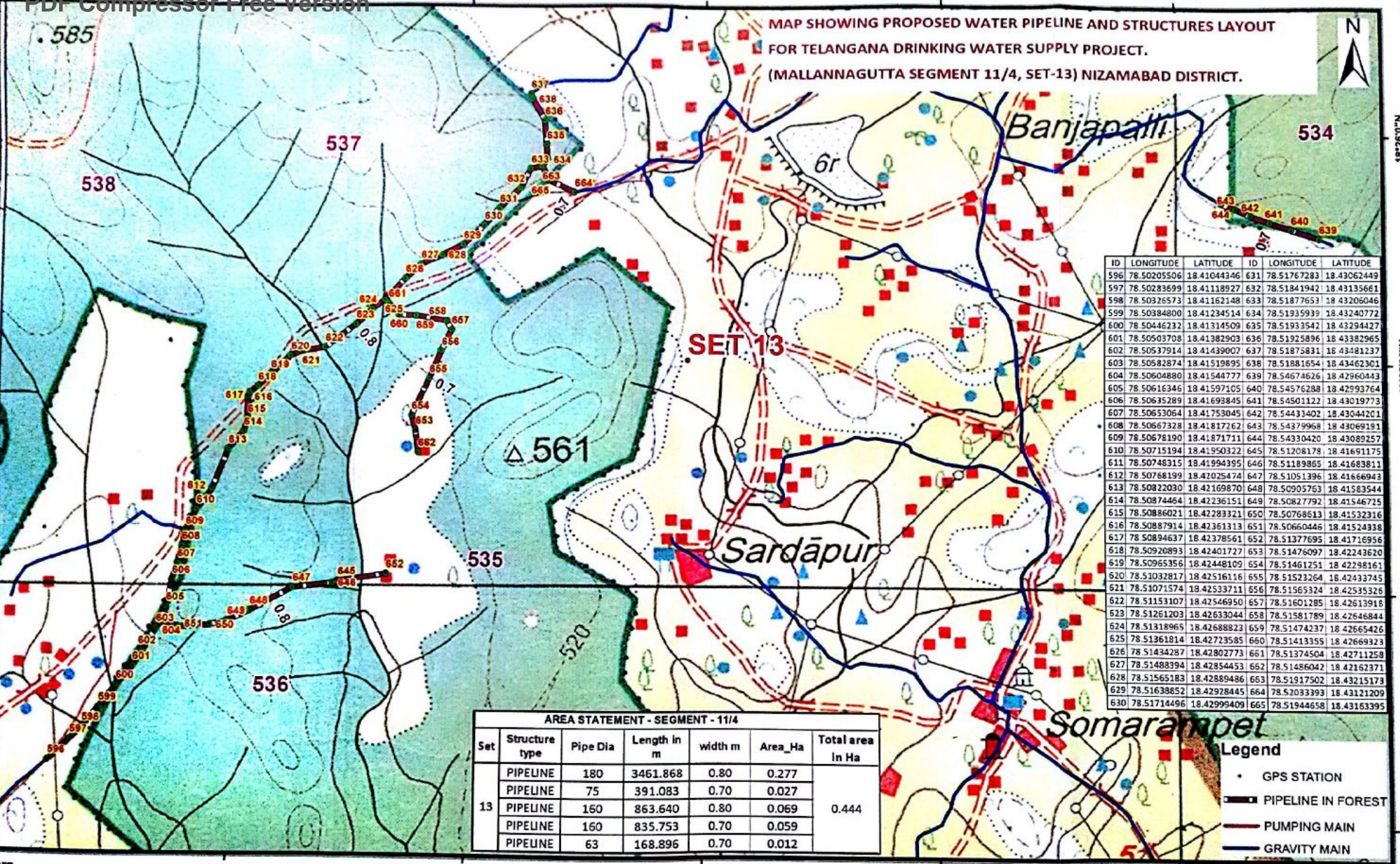
Geographic Coordinate System and WGS-84 Datum



Superintending Engineer
TDWSP (Circle) Nirmal

Chief Engineer
TDWSP, Hyderabad

MAP SHOWING PROPOSED WATER PIPELINE AND STRUCTURES LAYOUT FOR TELANGANA DRINKING WATER SUPPLY PROJECT. (MALLANNAGUTTA SEGMENT 11/4, SET-13) NIZAMABAD DISTRICT.



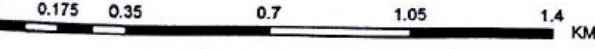
ID	LONGITUDE	LATITUDE	ID	LONGITUDE	LATITUDE
596	78.50205506	18.41044346	631	78.51767283	18.43062449
597	78.50283699	18.41118927	632	78.51841942	18.43135661
598	78.50326573	18.41162148	633	78.51877653	18.43206046
599	78.50384800	18.41234514	634	78.51935939	18.43240772
600	78.50446232	18.41314509	635	78.51933542	18.43294427
601	78.50503708	18.41382903	636	78.51925896	18.43382965
602	78.50537914	18.41439007	637	78.51875831	18.43481237
603	78.50582874	18.41519895	638	78.51881654	18.43462301
604	78.50604880	18.41544777	639	78.54674626	18.42960443
605	78.50616346	18.41597105	640	78.54576288	18.42993764
606	78.50635289	18.41693845	641	78.54501122	18.43019773
607	78.50653064	18.41753045	642	78.54433402	18.43044201
608	78.50667328	18.41817262	643	78.54379968	18.43069191
609	78.50678190	18.41871711	644	78.54330420	18.43089257
610	78.50715194	18.41950322	645	78.51208178	18.41691175
611	78.50748315	18.41994395	646	78.51189865	18.41683811
612	78.50788199	18.42025474	647	78.51051396	18.41666943
613	78.50822030	18.42169870	648	78.50905763	18.41583544
614	78.50874454	18.42236151	649	78.50827792	18.41546725
615	78.50886021	18.42283321	650	78.50768613	18.41532316
616	78.50887914	18.42361313	651	78.50660446	18.41524338
617	78.50894637	18.42378561	652	78.51377695	18.41716956
618	78.50920893	18.42401727	653	78.51476097	18.42243620
619	78.50965356	18.42448109	654	78.51461251	18.42298161
620	78.51032817	18.42516116	655	78.51523264	18.42433745
621	78.51071574	18.42533711	656	78.51565324	18.42535326
622	78.51153107	18.42546950	657	78.51601285	18.42613918
623	78.51261203	18.42633044	658	78.51581789	18.42646844
624	78.51318965	18.42688823	659	78.51474237	18.42665426
625	78.51361814	18.42723585	660	78.51413355	18.42669323
626	78.51434287	18.42802773	661	78.51374504	18.42711258
627	78.51488394	18.42854453	662	78.51486042	18.42162371
628	78.51565183	18.42889486	663	78.51917502	18.43215173
629	78.51638852	18.42928445	664	78.52033393	18.43121209
630	78.51714496	18.42999409	665	78.51944658	18.43163395

AREA STATEMENT - SEGMENT - 11/4

Set	Structure type	Pipe Dia	Length in m	width m	Area_Ha	Total area in Ha
13	PIPELINE	180	3461.868	0.80	0.277	0.444
	PIPELINE	75	391.083	0.70	0.027	
	PIPELINE	160	863.640	0.80	0.069	
	PIPELINE	160	835.753	0.70	0.059	
	PIPELINE	63	168.896	0.70	0.012	

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

Geographic Coordinate System and WGS-84 Datum



Superintending Engineer TDWSP (Circle) Nirmal

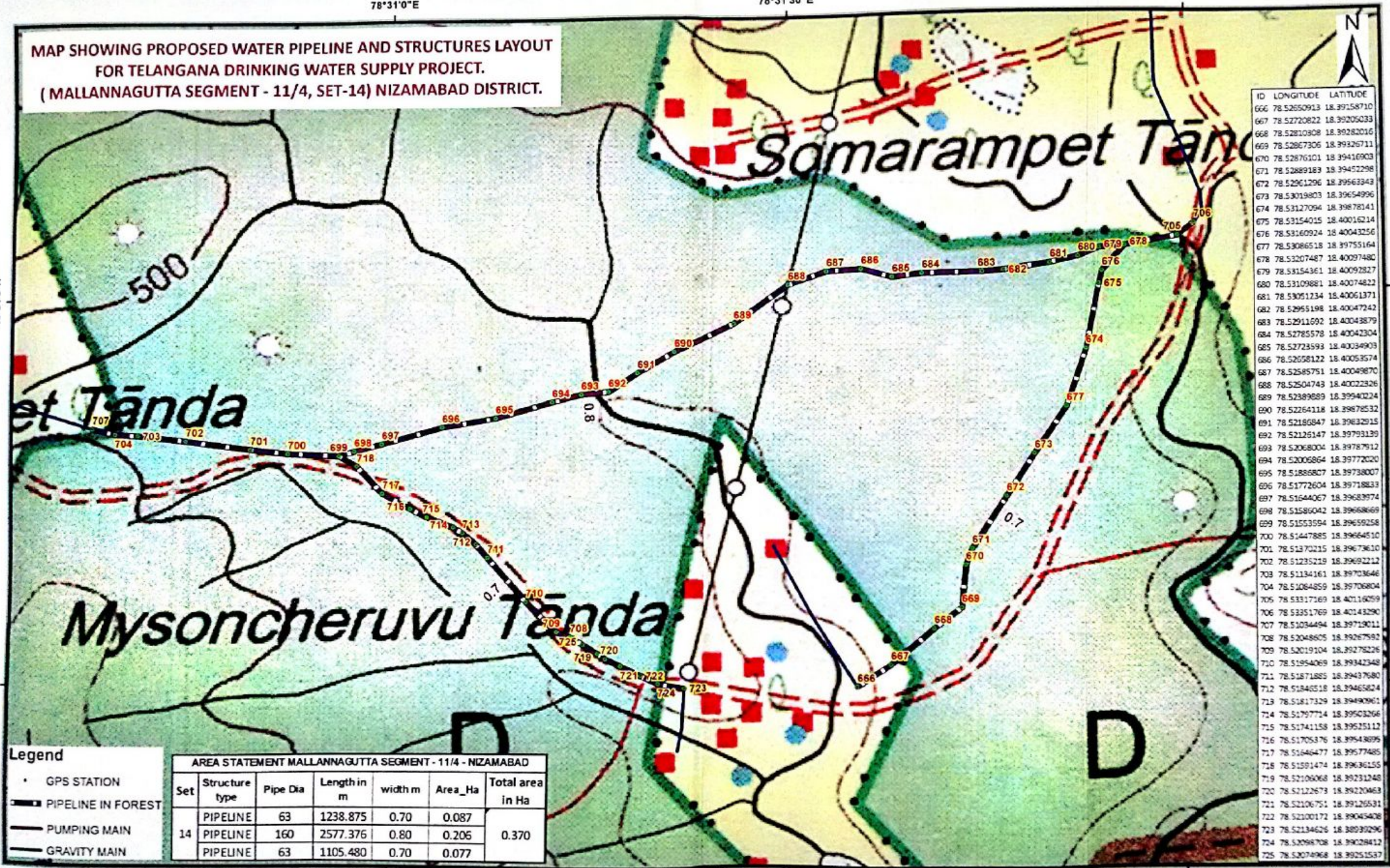
Chief Engineer TDWSP, Hyderabad

78°31'0"E

78°31'30"E

78°32'0"E

MAP SHOWING PROPOSED WATER PIPELINE AND STRUCTURES LAYOUT FOR TELANGANA DRINKING WATER SUPPLY PROJECT. (MALLANNAGUTTA SEGMENT - 11/4, SET-14) NIZAMABAD DISTRICT.

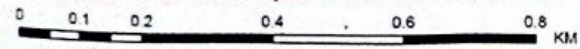


ID	LONGITUDE	LATITUDE
666	78.52650913	18.39158710
667	78.52720822	18.39205033
668	78.52810908	18.39282016
669	78.52867306	18.39326711
670	78.52876101	18.39416903
671	78.52889183	18.39452298
672	78.52961296	18.39563343
673	78.53019803	18.39654996
674	78.53127054	18.39878141
675	78.53154015	18.40016214
676	78.53160924	18.40043256
677	78.53086518	18.39755164
678	78.53207487	18.40097480
679	78.53154361	18.40092827
680	78.53109881	18.40074822
681	78.53051234	18.40061371
682	78.52955198	18.40047242
683	78.52911692	18.40043879
684	78.52785578	18.40042304
685	78.52723593	18.40034903
686	78.52658122	18.40053574
687	78.52585751	18.40049870
688	78.52504743	18.40022326
689	78.52389889	18.39940224
690	78.52264118	18.39878532
691	78.52186847	18.39832015
692	78.52126147	18.39793139
693	78.52068004	18.39787912
694	78.52006864	18.39772020
695	78.51886807	18.39738007
696	78.51772604	18.39718833
697	78.51644067	18.39683974
698	78.51586042	18.39668669
699	78.51553594	18.39659258
700	78.51447885	18.39644510
701	78.51370215	18.39673610
702	78.51235219	18.39649212
703	78.51134161	18.39703646
704	78.51064859	18.39706804
705	78.53317169	18.40116059
706	78.53351769	18.40143290
707	78.51034494	18.39719011
708	78.52048605	18.39267592
709	78.52019104	18.39278226
710	78.51954069	18.39342348
711	78.51871885	18.39437680
712	78.51840518	18.39465804
713	78.51817129	18.39490961
714	78.51797714	18.39503266
715	78.51741158	18.39525112
716	78.51705376	18.39543899
717	78.51646477	18.39577485
718	78.51591474	18.39636155
719	78.52106068	18.39231248
720	78.52122673	18.39220463
721	78.52106751	18.39120531
722	78.52100172	18.39045408
723	78.52134626	18.38939296
724	78.52098708	18.39028412
725	78.52074968	18.39251537

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

AREA STATEMENT MALLANNAGUTTA SEGMENT - 11/4 - NIZAMABAD						
Set	Structure type	Pipe Dia	Length in m	width m	Area_Ha	Total area in Ha
14	PIPELINE	63	1238.875	0.70	0.087	0.370
	PIPELINE	160	2577.376	0.80	0.206	
	PIPELINE	63	1105.480	0.70	0.077	

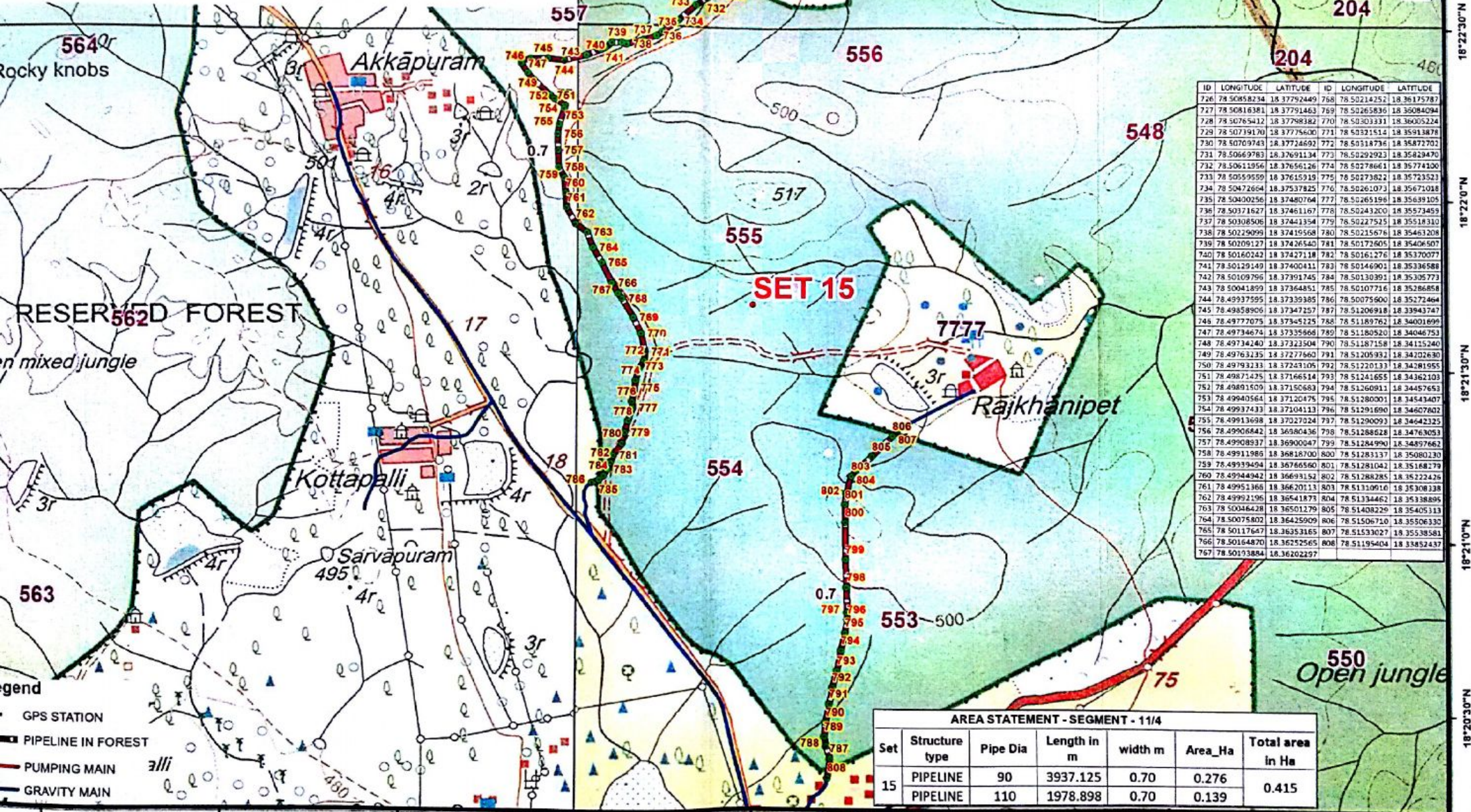
Geographic Coordinate System and WGS-84 Datum



Superintending Engineer
TDWSP (Circle) Nirmal

Chief Engineer
TDWSP, Hyderabad

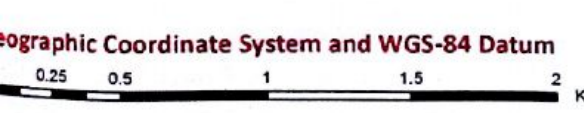
MAP SHOWING PROPOSED WATER PIPELINE AND STRUCTURES LAYOUT FOR TELANGANA DRINKING WATER SUPPLY PROJECT. (MALLANNAGUTTA SEGMENT 11/4, SET-15) NIZAMABAD DISTRICT.



ID	LONGITUDE	LATITUDE	ID	LONGITUDE	LATITUDE
726	78.50858234	18.37792449	768	78.50214252	18.36157873
727	78.50816381	18.37791463	769	78.50265836	18.36084094
728	78.50765412	18.37798182	770	78.50303131	18.36005224
729	78.50719170	18.37775600	771	78.50321514	18.35913878
730	78.50709743	18.37724692	772	78.50318792	18.35872702
731	78.50669783	18.37691134	773	78.50292923	18.35829470
732	78.50611956	18.37656126	774	78.50278661	18.35774200
733	78.50559599	18.37615919	775	78.50273822	18.35723523
734	78.50472664	18.37537825	776	78.50261073	18.35671018
735	78.50400256	18.37480764	777	78.50265196	18.35639105
736	78.50371627	18.37461167	778	78.50243200	18.35573459
737	78.50308506	18.37441354	779	78.50227525	18.35518130
738	78.50229099	18.37419568	780	78.50215676	18.35463208
739	78.50209127	18.37426540	781	78.50173605	18.35406507
740	78.50160242	18.37427118	782	78.50161276	18.35370077
741	78.50129149	18.37400411	783	78.50146901	18.35336588
742	78.50109796	18.37391745	784	78.50130392	18.35305773
743	78.50041899	18.37364851	785	78.50107716	18.35286858
744	78.49937595	18.37339385	786	78.50075900	18.35272464
745	78.49858906	18.37347257	787	78.51206918	18.33943747
746	78.49777075	18.37345225	788	78.51189762	18.34001699
747	78.49734674	18.37355666	789	78.51180520	18.34046751
748	78.49734240	18.37323504	790	78.51187158	18.34125240
749	78.49763135	18.37277660	791	78.51205931	18.34202630
750	78.49793213	18.37231005	792	78.51220133	18.34281955
751	78.49871425	18.37166514	793	78.51241655	18.34362103
752	78.49891509	18.37156683	794	78.51260911	18.34457651
753	78.49940564	18.37120475	795	78.51280001	18.34543407
754	78.49937433	18.37104113	796	78.51293690	18.34607602
755	78.49913698	18.37027024	797	78.51290093	18.34642325
756	78.49906842	18.36980436	798	78.51288628	18.34763053
757	78.49908937	18.36900047	799	78.51284990	18.34897662
758	78.49911985	18.36818700	800	78.51281337	18.35080230
759	78.49939494	18.36766560	801	78.51281042	18.35168277
760	78.49944942	18.36693152	802	78.51284285	18.35222426
761	78.49951366	18.36620113	803	78.51310910	18.35308338
762	78.49992196	18.36541873	804	78.51334462	18.35338895
763	78.50046428	18.36501279	805	78.51408229	18.35405113
764	78.50075802	18.36425909	806	78.51506710	18.35506330
765	78.50117647	18.36353165	807	78.51533027	18.35538581
766	78.50164870	18.36252565	808	78.51195404	18.33852437
767	78.50173884	18.36202297			

AREA STATEMENT - SEGMENT - 11/4

Set	Structure type	Pipe Dia	Length in m	width m	Area_Ha	Total area in Ha
15	PIPELINE	90	3937.125	0.70	0.276	
	PIPELINE	110	1978.898	0.70	0.139	0.415



Superintending Engineer
TDWSP (Circle) Nirmal

Chief Engineer
TDWSP, Hyderabad

MAP SHOWING PROPOSED WATER PIPELINE AND STRUCTURES LAYOUT FOR TELANGANA DRINKING WATER SUPPLY PROJECT. (MALLANNAGUTTA SEGMENT - 11/4, SET-16) NIZAMABAD DISTRICT.



Ganapur Tānda

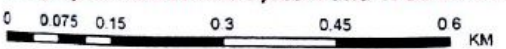
MĀCHĀREDDI

Boulders

ID	LONGITUDE	LATITUDE
809	78.52839352	18.32527270
810	78.52868847	18.32577997
811	78.52898527	18.32623620
812	78.52937044	18.32681752
813	78.52972212	18.32735712
814	78.52998428	18.32770553
815	78.53023426	18.32805753
816	78.53077165	18.32886264
817	78.53127965	18.32952014
818	78.53170645	18.33018806
819	78.53217293	18.33080857
820	78.53262904	18.33166720
821	78.53264657	18.33253191
822	78.53255458	18.33299476
823	78.53240792	18.33332496
824	78.53204432	18.33390927

Set	Structure type	Pipe Dia	Length in m	width m	Area_Ha	Total area in Ha
16	PIPELINE	16	1101.866	0.70	0.077	0.077

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



Superintending Engineer TDWSP (Circle) Nirmal

Ch. Engineer TDWSP, Hyderabad