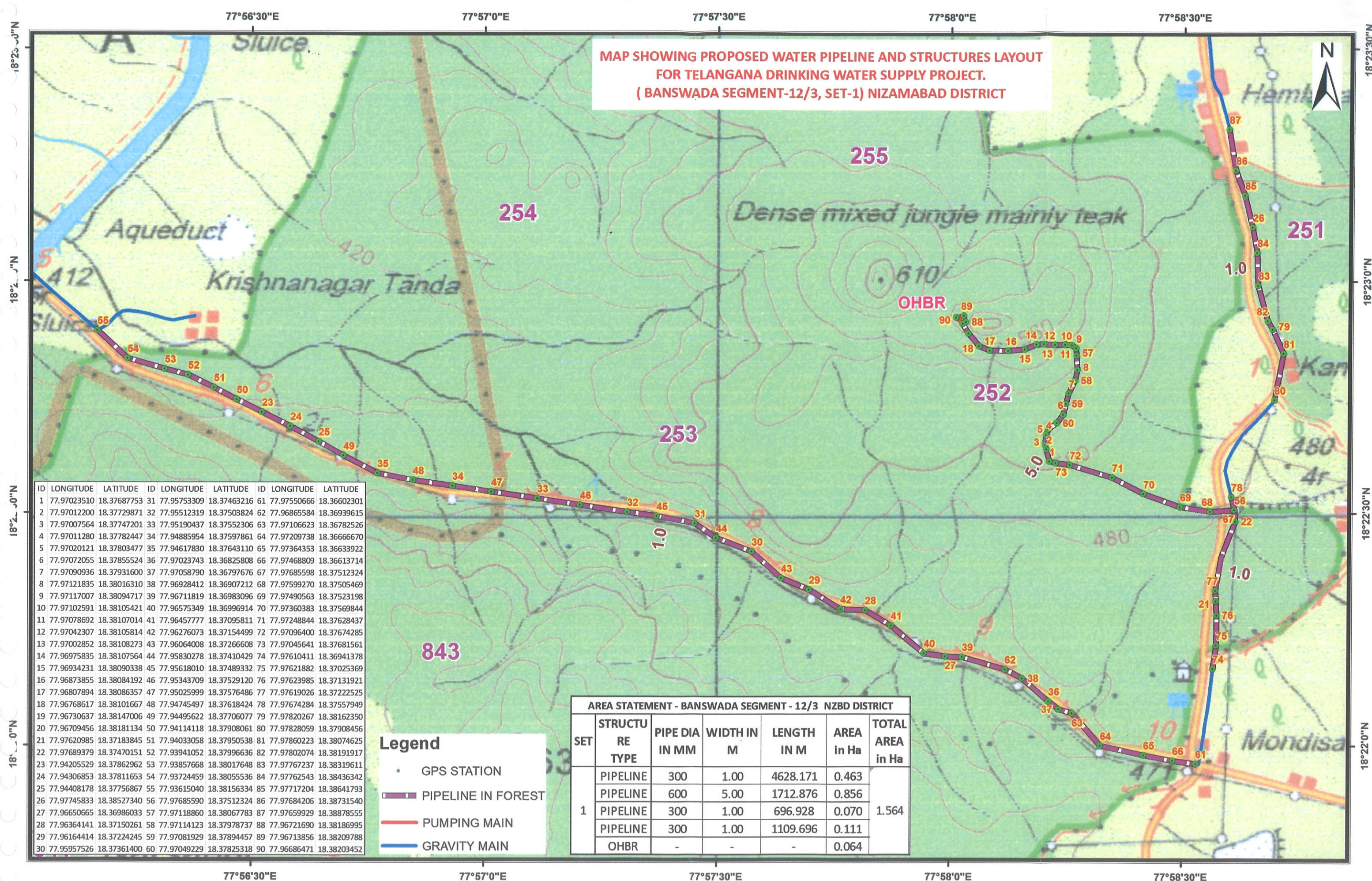




MAP SHOWING PROPOSED WATER PIPELINE AND STRUCTURES LAYOUT
FOR TELANGANA DRINKING WATER SUPPLY PROJECT.
(BANSWADA SEGMENT-12/3, SET-1) NIZAMABAD DISTRICT

ID	LONGITUDE	LATITUDE	ID	LONGITUDE	LATITUDE	ID	LONGITUDE	LATITUDE
1	77.97023510	18.37687753	31	77.95753309	18.37463216	61	77.97550666	18.36602301
2	77.97012200	18.37729871	32	77.95512319	18.37503824	62	77.96865584	18.36939615
3	77.97007564	18.37747201	33	77.95190437	18.37552306	63	77.97106623	18.36782526
4	77.97011280	18.37782447	34	77.94885954	18.37597861	64	77.97209738	18.36666670
5	77.97020121	18.37803477	35	77.94617830	18.37643110	65	77.97364353	18.36633922
6	77.97072055	18.37855524	36	77.97023743	18.36825808	66	77.97468809	18.36613714
7	77.97090936	18.37931600	37	77.97058790	18.36797676	67	77.97685598	18.37512324
8	77.97121835	18.38016310	38	77.96928412	18.36907212	68	77.97599270	18.37505469
9	77.97117007	18.38094717	39	77.96711819	18.36983096	69	77.97490563	18.37523198
10	77.97102591	18.38105421	40	77.96575349	18.36996914	70	77.97360383	18.37569844
11	77.97078692	18.38107014	41	77.96457777	18.37095811	71	77.97248844	18.37628437
12	77.97042307	18.38105814	42	77.96276073	18.37154499	72	77.97096400	18.37674285
13	77.97002852	18.38108273	43	77.96064008	18.37266608	73	77.97045641	18.37681561
14	77.96975835	18.38107564	44	77.95830278	18.37410429	74	77.97610411	18.36941378
15	77.96934231	18.38090338	45	77.95618010	18.37489332	75	77.97621882	18.37025369
16	77.96873855	18.38084192	46	77.95343709	18.37529120	76	77.97623985	18.37131921
17	77.96807894	18.38086357	47	77.95025999	18.37576486	77	77.97619026	18.37222525
18	77.96768617	18.38101667	48	77.94745497	18.37618424	78	77.97674284	18.37557949
19	77.96730637	18.38147006	49	77.94495622	18.37706077	79	77.97820267	18.38162350
20	77.96709456	18.38181134	50	77.94114118	18.37908061	80	77.97828059	18.37908456
21	77.97620985	18.37183845	51	77.94033058	18.37950538	81	77.97860223	18.38074625
22	77.97689379	18.37470151	52	77.93941052	18.37996636	82	77.97802074	18.38191917
23	77.94205529	18.37862962	53	77.93857668	18.38017648	83	77.97767237	18.38319611
24	77.94306853	18.37811653	54	77.93724459	18.38055536	84	77.97762543	18.38436342
25	77.94408178	18.37756867	55	77.93615040	18.38156334	85	77.97717204	18.38641793
26	77.97745833	18.38527340	56	77.97685590	18.37512324	86	77.97684206	18.38731540
27	77.96650665	18.36986033	57	77.97118860	18.38067783	87	77.97659929	18.38878555
28	77.96364141	18.37150261	58	77.97114123	18.37978737	88	77.96721690	18.38186995
29	77.96164414	18.37224245	59	77.97081929	18.37894457	89	77.96713856	18.38209788
30	77.95957526	18.37361400	60	77.97049229	18.37825318	90	77.96686471	18.38203452

Legend

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

AREA STATEMENT - BANSWADA SEGMENT - 12/3 NZBD DISTRICT						
SET	STRUCTURE TYPE	PIPE DIA IN MM	WIDTH IN M	LENGTH IN M	AREA in Ha	TOTAL AREA in Ha
1	PIPELINE	300	1.00	4628.171	0.463	1.564
	PIPELINE	600	5.00	1712.876	0.856	
	PIPELINE	300	1.00	696.928	0.070	
	PIPELINE	300	1.00	1109.696	0.111	
	OHBR	-	-	-	0.064	

Banswada
EG/TONSP/
Banswada

77°59'30"E

78°0'0"E

78°0'30"E

78°1'0"E

MAP SHOWING PROPOSED WATER PIPELINE AND STRUCTURES LAYOUT
FOR TELANGANA DRINKING WATER SUPPLY PROJECT.
(BANSWADA SEGMENT-12/3, SET-2) NIZAMABAD DISTRICT



ID	LONGITUDE	LATITUDE
91	77.99207450	18.46575036
92	77.99308861	18.46556967
93	77.99387573	18.46541439
94	77.99503078	18.46539195
95	77.99610505	18.46552383
96	77.99712152	18.46559306
97	77.99861362	18.46541863
98	77.99893892	18.45962348
99	77.99925851	18.46079728
100	77.99972120	18.46178733
101	78.01697923	18.46071959
102	78.01697923	18.46071959
103	78.01652427	18.46102385
104	78.01576727	18.46161774
105	78.01532589	18.46222085
106	78.01491116	18.46312703
107	78.01826550	18.46054512

Legend						
•	GPS STATION					
—	PIPELINE IN FOREST					
—	PUMPING MAIN					
—	GRAVITY MAIN					

AREA STATEMENT - BANSWADA SEGMENT - 12/3 NZBD DISTRICT						
SET	STRUCTURE TYPE	PIPE DIA IN MM	WIDTH IN M	LENGTH IN M	AREA in Ha	TOTAL AREA in Ha
2	PIPELINE	75	0.80	697.295	0.056	0.115
	PIPELINE	75	0.80	254.440	0.020	
	PIPELINE	90	0.80	490.703	0.039	

77°59'30"E

78°0'0"E

78°0'30"E

78°1'0"E

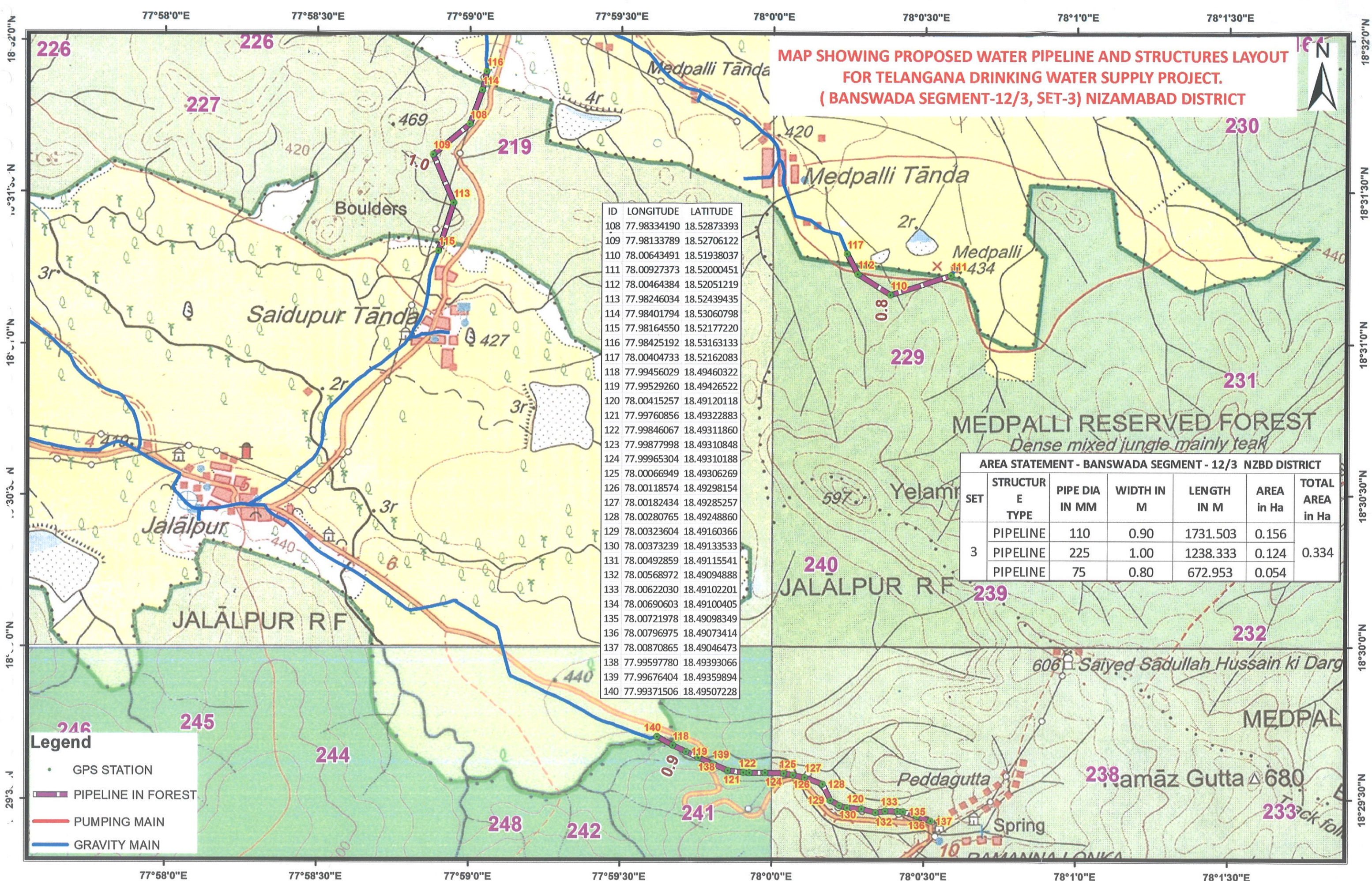
Geographic Coordinate System and WGS-84 Datum

0 0.1 0.2 0.4 0.6 0.8 KM

[Signature]
EE/TDWSP/
Banswada.

Superintending Engineer
TDWSP, Nirmal Circle

"counter signed"
[Signature]
Chief Engineer
TDWSP, Hyderabad



MAP SHOWING PROPOSED WATER PIPELINE AND STRUCTURES LAYOUT
FOR TELANGANA DRINKING WATER SUPPLY PROJECT.
(BANSWADA SEGMENT-12/3, SET-3) NIZAMABAD DISTRICT

ID	LONGITUDE	LATITUDE
108	77.98334190	18.52873393
109	77.98133789	18.52706122
110	78.00643491	18.51938037
111	78.00927373	18.52000451
112	78.00464384	18.52051219
113	77.98246034	18.52439435
114	77.98401794	18.53060798
115	77.98164550	18.52177220
116	77.98425192	18.53163133
117	78.00404733	18.52162083
118	77.99456029	18.49460322
119	77.99529260	18.49426522
120	78.00415257	18.49120118
121	77.99760856	18.49322883
122	77.99846067	18.49311860
123	77.99877998	18.49310848
124	77.99965304	18.49310188
125	78.00066949	18.49306269
126	78.00118574	18.49298154
127	78.00182434	18.49285257
128	78.00280765	18.49248860
129	78.00323604	18.49160366
130	78.00373239	18.49133533
131	78.00492859	18.49115541
132	78.00568972	18.49094888
133	78.00622030	18.49102201
134	78.00690603	18.49100405
135	78.00721978	18.49098349
136	78.00796975	18.49073414
137	78.00870865	18.49046473
138	77.99597780	18.49393066
139	77.99676404	18.49359894
140	77.99371506	18.49507228

AREA STATEMENT - BANSWADA SEGMENT - 12/3 NZBD DISTRICT						
SET	STRUCTURE TYPE	PIPE DIA IN MM	WIDTH IN M	LENGTH IN M	AREA in Ha	TOTAL AREA in Ha
3	PIPELINE	110	0.90	1731.503	0.156	0.334
	PIPELINE	225	1.00	1238.333	0.124	
	PIPELINE	75	0.80	672.953	0.054	

Legend

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

Geographic Coordinate System and WGS-84 Datum

0 0.25 0.5 1 1.5 2 KM

D. Kondal
EE/TDWS
Banswada

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Superintending Engineer
TDWSP, Nirmal Circle
Chief Engineer
TDWSP, Hyderabad

**MAP SHOWING PROPOSED WATER PIPELINE AND STRUCTURES LAYOUT
FOR TELANGANA DRINKING WATER SUPPLY PROJECT.
(BANSWADA SEGMENT-12/3, SET-4) NIZAMABAD DISTRICT**

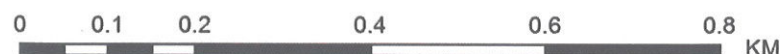
ID	LONGITUDE	LATITUDE
141	77.96978766	18.60777993
142	77.97002630	18.60674269
143	77.97008614	18.60480993
144	77.97024719	18.60367722
145	77.97038478	18.60266869
146	77.97056034	18.60161732
147	77.97072348	18.60077491
148	77.97092611	18.59972024
149	77.97120941	18.59880591
150	77.97144071	18.59800571
151	77.97203524	18.59687202
152	77.97246956	18.59602430
153	77.97296992	18.59484414
154	77.97337394	18.59397411
155	77.97431019	18.59304017
156	77.96241830	18.60909813
157	77.96283443	18.60832480
158	77.96336681	18.60734603
159	77.96402331	18.60614561
160	77.96827450	18.60893584
161	77.96586205	18.60686075
162	77.96435132	18.60556739
163	77.96323064	18.60460383
164	77.96170728	18.60329142
165	77.96061366	18.60233954
166	77.95932526	18.60119114
167	77.95796082	18.59992802

Legend

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

AREA STATEMENT - BANSWADA SEGMENT - 12/3 NZBD DISTRICT						
SET	STRUCTURE TYPE	PIPE DIA IN MM	WIDTH IN M	LENGTH IN M	AREA in Ha	TOTAL AREA in Ha
4	PIPELINE	280	1.00	1734.857	0.173	0.365
	PIPELINE	225	1.00	441.244	0.044	
	PIPELINE	315	1.00	1477.611	0.148	

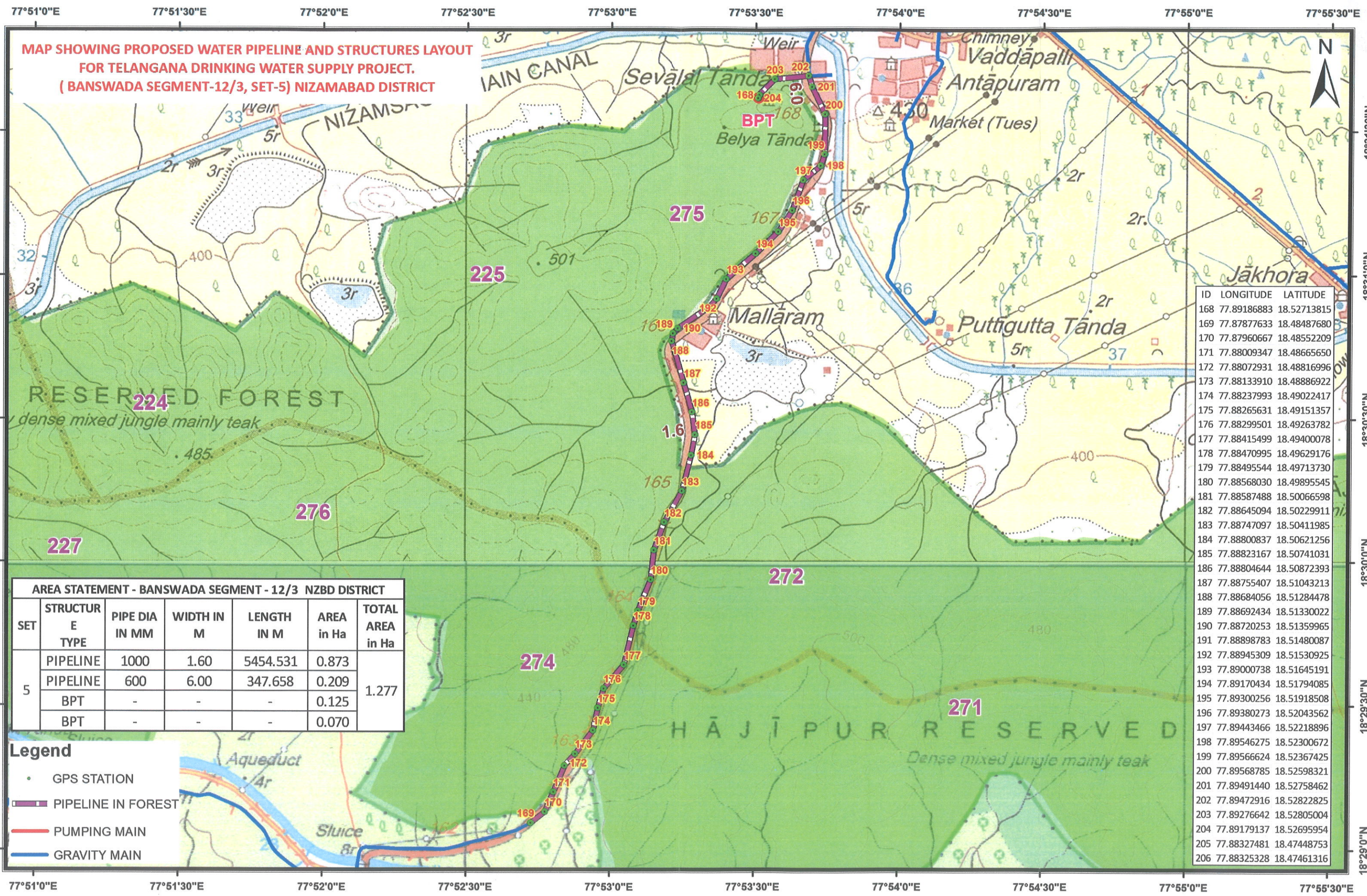
Geographic Coordinate System and WGS-84 Datum



Superintending Engineer
TDWSP, Nirmal Circle

Chief Engineer
TDWSP, Hyderabad

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MAP SHOWING PROPOSED WATER PIPELINE AND STRUCTURES LAYOUT
FOR TELANGANA DRINKING WATER SUPPLY PROJECT.
(BANSWADA SEGMENT-12/3, SET-5) NIZAMABAD DISTRICT

AREA STATEMENT - BANSWADA SEGMENT - 12/3 NZBD DISTRICT						
SET	STRUCTURE TYPE	PIPE DIA IN MM	WIDTH IN M	LENGTH IN M	AREA in Ha	TOTAL AREA in Ha
5	PIPELINE	1000	1.60	5454.531	0.873	1.277
	PIPELINE	600	6.00	347.658	0.209	
	BPT	-	-	-	0.125	
	BPT	-	-	-	0.070	

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

ID	LONGITUDE	LATITUDE
168	77.89186883	18.52713815
169	77.87877633	18.48487680
170	77.87960667	18.48552209
171	77.88009347	18.48665650
172	77.88072931	18.48816996
173	77.88133910	18.48886922
174	77.88237993	18.49022417
175	77.88265631	18.49151357
176	77.88299501	18.49263782
177	77.88415499	18.49400078
178	77.88470995	18.49629176
179	77.88495544	18.49713730
180	77.88568030	18.49895545
181	77.88587488	18.50066598
182	77.88645094	18.50229911
183	77.88747097	18.50411985
184	77.88800837	18.50621256
185	77.88823167	18.50741031
186	77.88804644	18.50872393
187	77.88755407	18.51043213
188	77.88684056	18.51284478
189	77.88692434	18.51330022
190	77.88720253	18.51359965
191	77.88898783	18.51480087
192	77.88945309	18.51530925
193	77.89000738	18.51645191
194	77.89170434	18.51794085
195	77.89300256	18.51918508
196	77.89380273	18.52043562
197	77.89443466	18.52218896
198	77.89546275	18.52300672
199	77.89566624	18.52367425
200	77.89568785	18.52598321
201	77.89491440	18.52758462
202	77.89472916	18.52822825
203	77.89276642	18.52805004
204	77.89179137	18.52695954
205	77.88327481	18.47448753
206	77.88325328	18.47461316

Geographic Coordinate System and WGS-84 Datum

0 0.275 0.55 1.1 1.65 2.2 KM

Banswada
EE/TDWSP
Banswada.

Superintending Engineer
TDWSP, Nirmal Circle

Chief Engineer
TDWSP, Hyderabad

"counter signed"

77°49'30"E

77°50'0"E

77°50'30"E

MAP SHOWING PROPOSED WATER PIPELINE AND STRUCTURES LAYOUT
FOR TELANGANA DRINKING WATER SUPPLY PROJECT.
(BANSWADA SEGMENT-12/3, SET-6) NIZAMABAD DISTRICT



ID	LONGITUDE	LATITUDE
207	77.82110204	18.53410867
208	77.82169619	18.53595341
209	77.82179558	18.53533950
210	77.82181316	18.53563435
211	77.83557399	18.53102495
212	77.83668039	18.53122525
213	77.83794427	18.53134762
214	77.83915742	18.53137689
215	77.84006730	18.53074403
216	77.84049160	18.53034265
217	77.84046231	18.53077904
218	77.84127953	18.53229907
219	77.84121033	18.53275726
220	77.84155828	18.53397603
221	77.82133390	18.53644685
222	77.82162509	18.53481082
223	77.84155839	18.52952332
224	77.82136382	18.53674627
225	77.82195566	18.53551761
226	77.82193059	18.53555452
227	77.82177329	18.53561696
228	77.82165656	18.53547741
229	77.82167881	18.53551419
230	77.82172334	18.53542476
231	77.82080209	18.53383682
232	77.82067721	18.53369699

AREA STATEMENT - BANSWADA SEGMENT - 12/3 NZBD DISTRICT						
SET	STRUCTURE TYPE	PIPE DIA IN MM	WIDTH IN M	LENGTH IN M	AREA in Ha	TOTAL AREA in Ha
6	PIPELINE	500	5.00	200.448	0.100	0.460
	PIPELINE	160	1.00	500.546	0.050	
	PIPELINE	160	1.00	422.434	0.042	
	PIPELINE	500	5.00	137.521	0.069	
	PIPELINE	75	0.80	207.904	0.017	
	SUMP	-	-	-	0.057	
	OHBR	-	-	-	0.125	

Legend

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

77°49'30"E

77°50'0"E

77°50'30"E

Geographic Coordinate System and WGS-84 Datum

0 0.075 0.15 0.3 0.45 0.6 KM

Thondar
EE/TDWSP
Banswada.

Superintending Engineer
TDWSP, Nirmal Circle

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Chief Engineer

TDWSP, Hyderabad