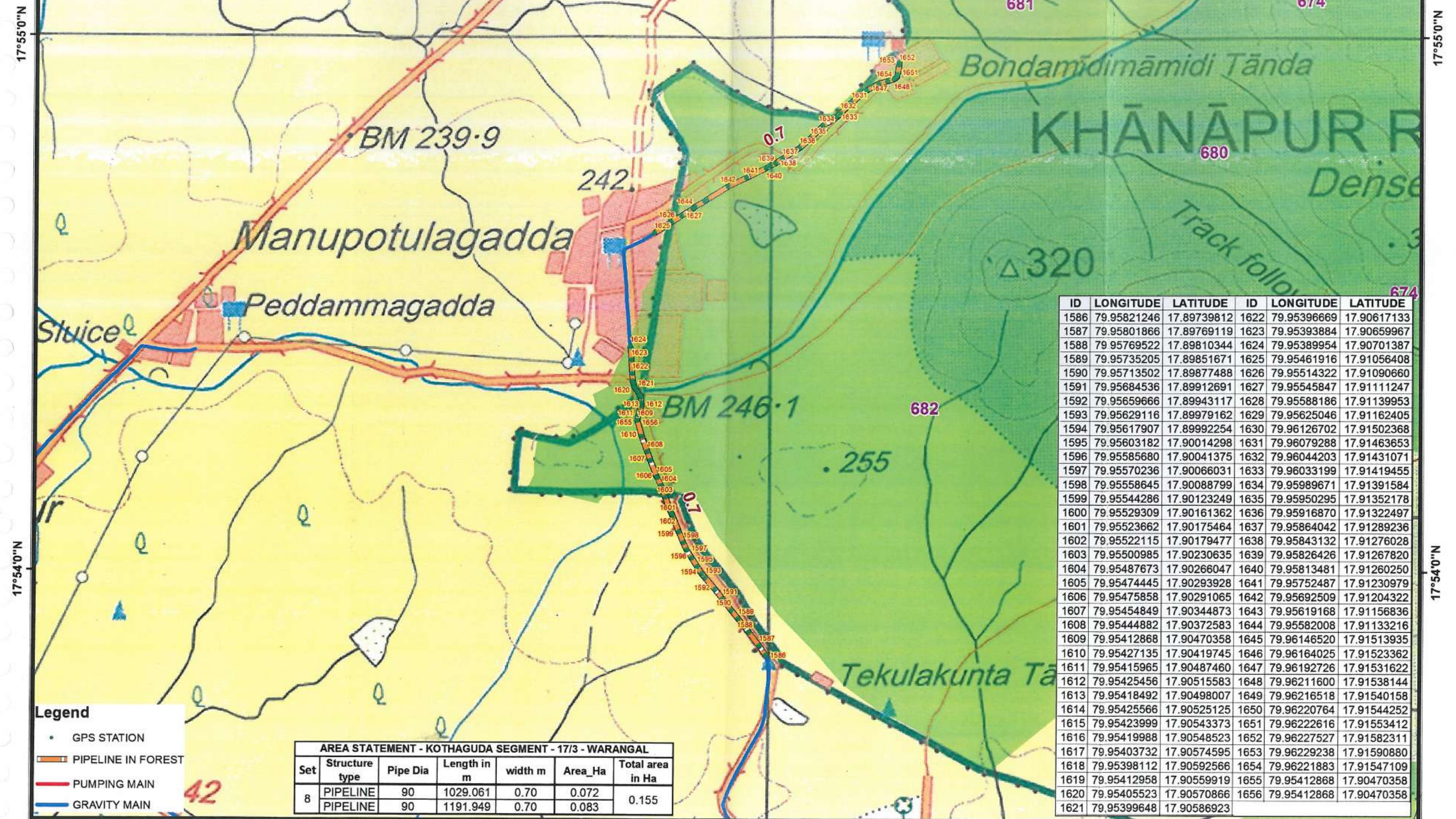


79°57'0"E

79°58'0"E

MAP SHOWING PROPOSED WATER PIPELINE AND STRUCTURES LAYOUT
FOR TELANGANA DRINKING WATER SUPPLY PROJECT.
(KOTHAGUDA SEGMENT 17/3, SET-8) WARANGAL DISTRICT(WLM)

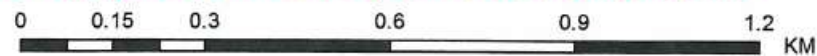


- Legend**
- GPS STATION
 - PIPELINE IN FOREST
 - PUMPING MAIN
 - GRAVITY MAIN

AREA STATEMENT - KOTHAGUDA SEGMENT - 17/3 - WARANGAL						
Set	Structure type	Pipe Dia	Length in m	width m	Area_Ha	Total area in Ha
8	PIPELINE	90	1029.061	0.70	0.072	0.155
	PIPELINE	90	1191.949	0.70	0.083	

ID	LONGITUDE	LATITUDE	ID	LONGITUDE	LATITUDE
1586	79.95821246	17.89739812	1622	79.95396669	17.90617133
1587	79.95801866	17.89769119	1623	79.95393884	17.90659967
1588	79.95769522	17.89810344	1624	79.95389954	17.90701387
1589	79.95735205	17.89851671	1625	79.95461916	17.91056408
1590	79.95713502	17.89877488	1626	79.95514322	17.91090660
1591	79.95684536	17.89912691	1627	79.95545847	17.91111247
1592	79.95659666	17.89943117	1628	79.95588186	17.91139953
1593	79.95629116	17.89979162	1629	79.95625046	17.91162405
1594	79.95617907	17.89992254	1630	79.96126702	17.91502368
1595	79.95603182	17.90014298	1631	79.96079288	17.91463653
1596	79.95585680	17.90041375	1632	79.96044203	17.91431071
1597	79.95570236	17.90066031	1633	79.96033199	17.91419455
1598	79.95558645	17.90088799	1634	79.95989671	17.91391584
1599	79.95544286	17.90123249	1635	79.95950295	17.91352178
1600	79.95529309	17.90161362	1636	79.95916870	17.91322497
1601	79.95523662	17.90175464	1637	79.95864042	17.91289236
1602	79.95522115	17.90179477	1638	79.95843132	17.91276028
1603	79.95500985	17.90230635	1639	79.95826426	17.91267820
1604	79.95487673	17.90266047	1640	79.95813481	17.91260250
1605	79.95474445	17.90293928	1641	79.95752487	17.91230979
1606	79.95475858	17.90291065	1642	79.95692509	17.91204322
1607	79.95454849	17.90344873	1643	79.95619168	17.91156836
1608	79.95444882	17.90372583	1644	79.95582008	17.91133216
1609	79.95412868	17.90470358	1645	79.96146520	17.91513935
1610	79.95427135	17.90419745	1646	79.96164025	17.91523362
1611	79.95415965	17.90487460	1647	79.96192726	17.91531622
1612	79.95425456	17.90515583	1648	79.96211600	17.91538144
1613	79.95418492	17.90498007	1649	79.96216518	17.91540158
1614	79.95425566	17.90525125	1650	79.96220764	17.91544252
1615	79.95423999	17.90543373	1651	79.96222616	17.91553412
1616	79.95419988	17.90548523	1652	79.96227527	17.91582311
1617	79.95403732	17.90574595	1653	79.96229238	17.91590880
1618	79.95398112	17.90592566	1654	79.96221883	17.91547109
1619	79.95412958	17.90559919	1655	79.95412868	17.90470358
1620	79.95405523	17.90570866	1656	79.95412868	17.90470358
1621	79.95399648	17.90586923			

Geographic Coordinate System and WGS-84 Datum



79°57'0"E

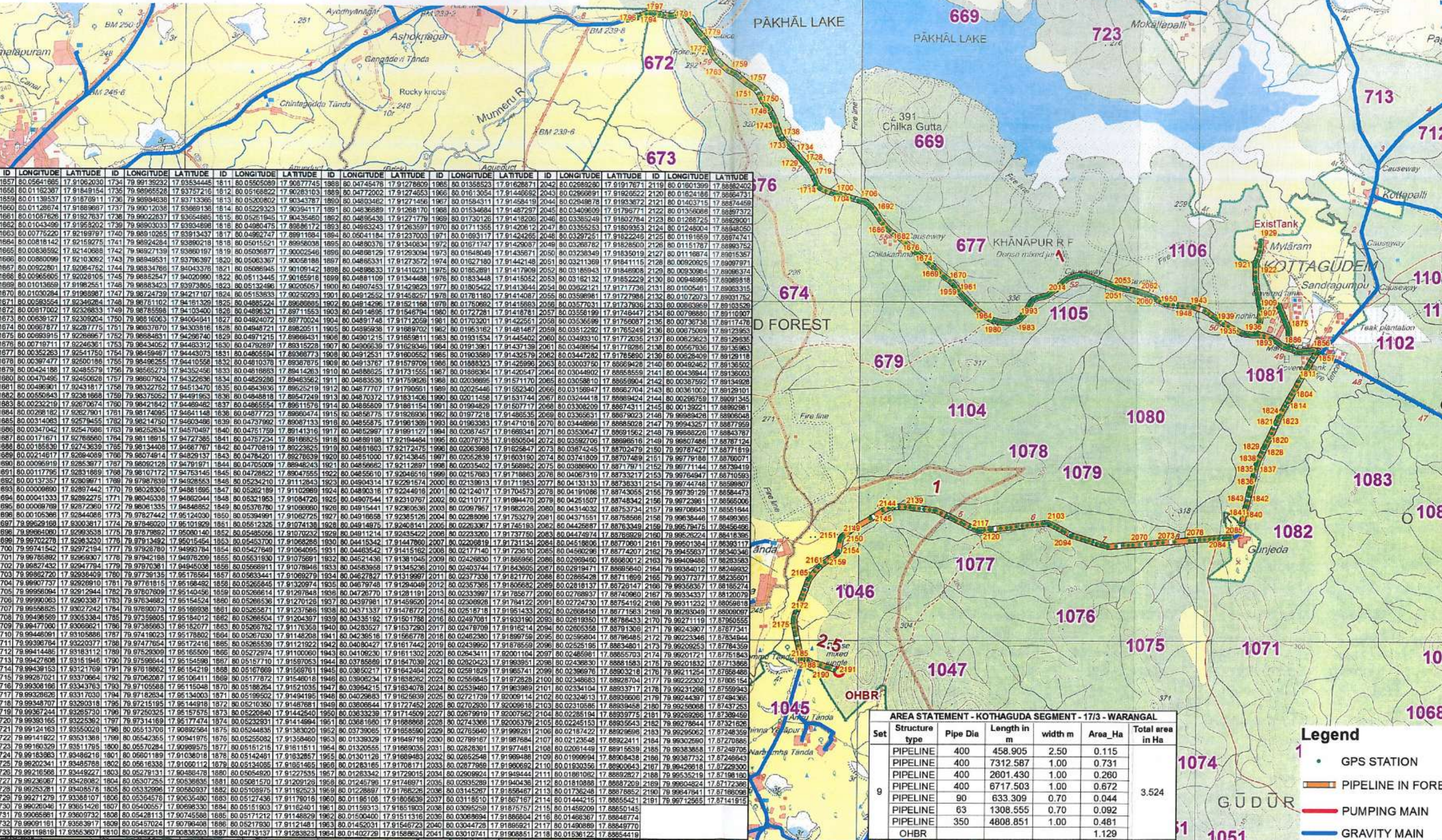
79°58'0"E

Superintending Engineer
TDWSP Circle, Warangal.

Chief Engineer
TDWSP Hyderabad.

79°54'0"E 79°55'0"E 79°56'0"E 79°57'0"E 79°58'0"E 79°59'0"E 80°0'0"E 80°1'0"E 80°2'0"E 80°3'0"E 80°4'0"E

MAP SHOWING PROPOSED WATER PIPELINE AND STRUCTURES LAYOUT
FOR TELANGANA DRINKING WATER SUPPLY PROJECT.
(KOTHAGUDA SEGMENT 17/3, SET-9) WARANGAL DISTRICT(WLM)

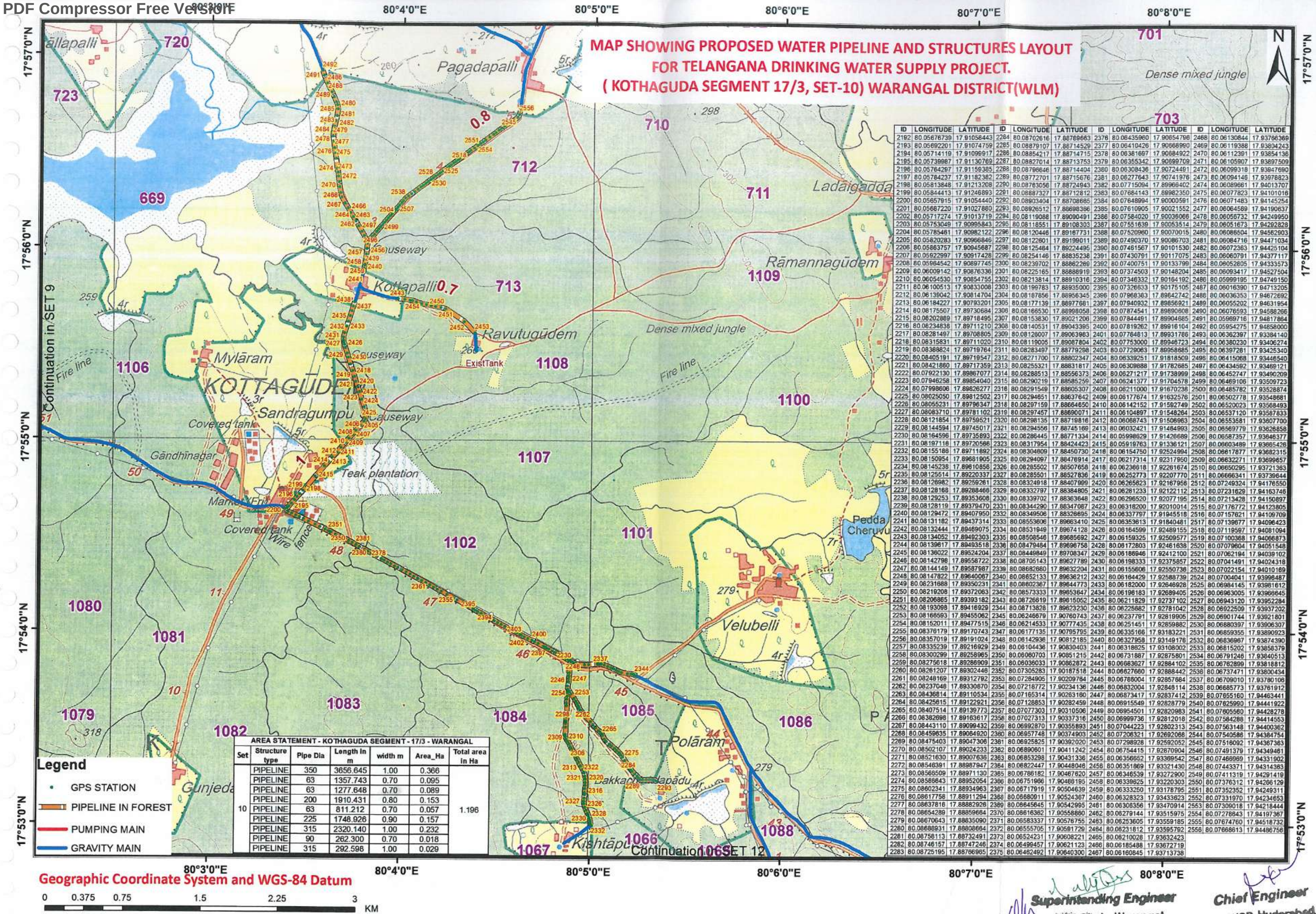


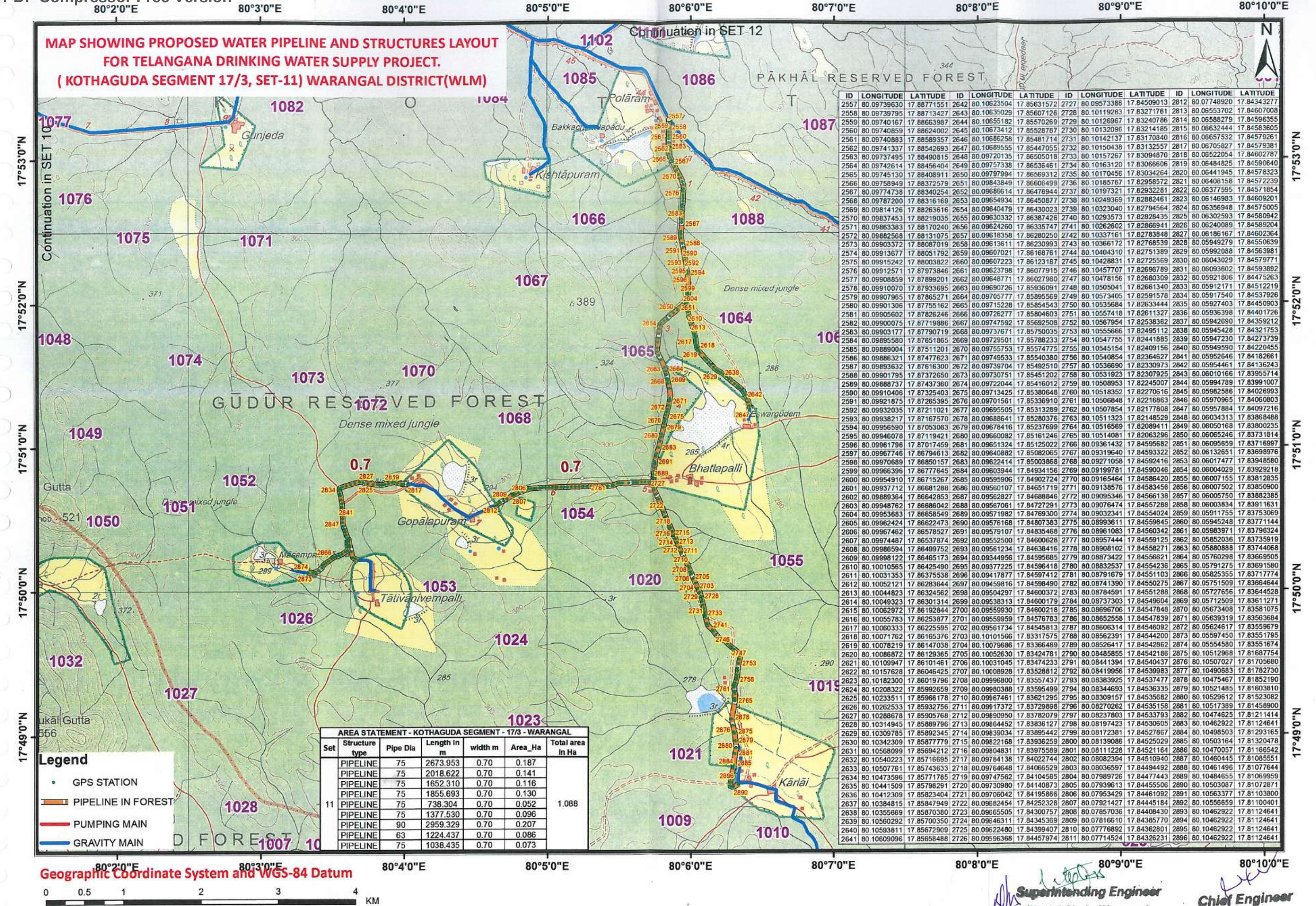
79°54'0"E 79°55'0"E 79°56'0"E 79°57'0"E 79°58'0"E 79°59'0"E 80°0'0"E 80°1'0"E 80°2'0"E 80°3'0"E 80°4'0"E

Geographic Coordinate System and WGS-84 Datum

0 0.5 1 2 3 4 KM

Superintending Engineer
TDSWP Circle, Warangal.
Chief Engineer
TDSWP Hyderabad.



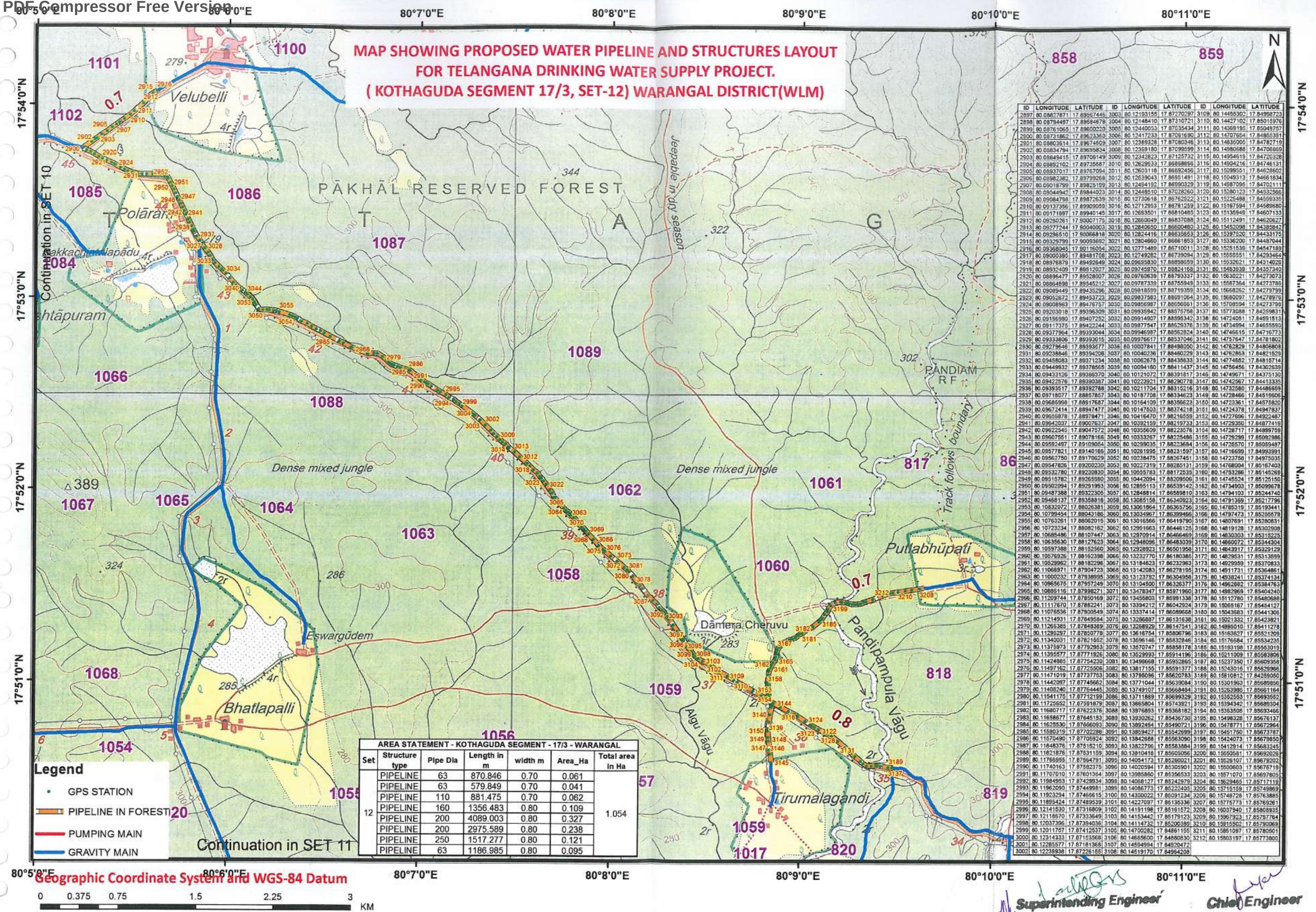


MAP SHOWING PROPOSED WATER PIPELINE AND STRUCTURES LAYOUT
FOR TELANGANA DRINKING WATER SUPPLY PROJECT.
(KOTHAGUDA SEGMENT 17/3, SET-11) WARANGAL DISTRICT(WLM)

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

AREA STATEMENT - KOTHAGUDA SEGMENT - 17/3 - WARANGAL					
Set	Structure type	Pipe Dia	Length in m	width m	Total area In Ha
11	PIPELINE	75	2673.953	0.70	0.187
	PIPELINE	75	2018.622	0.70	0.141
	PIPELINE	75	1652.310	0.70	0.116
	PIPELINE	75	1855.693	0.70	0.130
	PIPELINE	75	736.304	0.70	0.052
	PIPELINE	75	1377.530	0.70	0.096
	PIPELINE	90	2959.329	0.70	0.207
	PIPELINE	63	1224.437	0.70	0.086
	PIPELINE	75	1038.435	0.70	0.073
					1.088

ID	LONGITUDE	LATITUDE	ID	LONGITUDE	LATITUDE	ID	LONGITUDE	LATITUDE	ID	LONGITUDE	LATITUDE
2557	80.09739630	17.88771551	2642	80.10623504	17.85631572	2727	80.09573386	17.84509013	2812	80.07748920	17.84343277
2558	80.09739795	17.88771342	2643	80.10635029	17.85607126	2728	80.10119283	17.83271761	2813	80.06553702	17.84607008
2559	80.09740167	17.88663987	2644	80.10655182	17.85570269	2729	80.10126967	17.83240786	2814	80.06588279	17.84596355
2560	80.09740859	17.88624002	2645	80.10673412	17.85528787	2730	80.10132096	17.83214185	2815	80.06632444	17.84583605
2561	80.09740883	17.88589357	2646	80.10686258	17.85481714	2731	80.10142137	17.83170840	2816	80.06657532	17.84579261
2562	80.09741337	17.88542693	2647	80.10699555	17.85447055	2732	80.10150438	17.83132557	2817	80.06705827	17.84579381
2563	80.09737495	17.88490815	2648	80.09720135	17.86505018	2733	80.10157267	17.83094870	2818	80.06522054	17.84602787
2564	80.09742614	17.88456404	2649	80.09757338	17.86536461	2734	80.10163120	17.83066606	2819	80.06484825	17.84590640
2565	80.09745130	17.88408911	2650	80.09797994	17.86569312	2735	80.10170456	17.83034264	2820	80.06441945	17.84578323
2566	80.09758949	17.88372579	2651	80.09843849	17.86606499	2736	80.10185767	17.82958572	2821	80.06408158	17.84572239
2567	80.09774738	17.88340254	2652	80.09868614	17.86478944	2737	80.10197321	17.82932281	2822	80.06377595	17.84571854
2568	80.09787200	17.88316169	2653	80.09854934	17.86450877	2738	80.10249369	17.82882461	2823	80.06146983	17.84609201
2569	80.09814126	17.88263616	2654	80.09640479	17.86430023	2739	80.10323040	17.82794564	2824	80.06356948	17.84575005
2570	80.09837453	17.88219035	2655	80.09630332	17.86387426	2740	80.10293573	17.82828435	2825	80.06302593	17.84580942
2571	80.09863383	17.88170240	2656	80.09624260	17.86335747	2741	80.10262602	17.82866941	2826	80.06240089	17.84589204
2572	80.09882568	17.88131075	2657	80.09618358	17.86280250	2742	80.10337161	17.82783848	2827	80.06186167	17.84602364
2573	80.09903372	17.88087019	2658	80.09613611	17.86230993	2743	80.10366172	17.82768539	2828	80.05949279	17.84550639
2574	80.09913677	17.88051792	2659	80.09607021	17.86168761	2744	80.10404310	17.82751389	2829	80.05992088	17.84563981
2575	80.09915242	17.88003822	2660	80.09607223	17.86123187	2745	80.10428831	17.82725569	2830	80.06043029	17.84579771
2576	80.09912571	17.87973846	2661	80.09623798	17.86077915	2746	80.10457707	17.82696789	2831	80.06093602	17.84593892
2577	80.09908859	17.87899201	2662	80.09646771	17.86027980	2747	80.10478156	17.82680309	2832	80.05921806	17.84475263
2578	80.09910070	17.87933695	2663	80.09690726	17.85936091	2748	80.10505041	17.82661340	2833	80.05912171	17.84512219
2579	80.09907965	17.87865271	2664	80.09705777	17.85895569	2749	80.10573405	17.82591578	2834	80.05917540	17.84537926
2580	80.09901306	17.87755162	2665	80.09715228	17.85845453	2750	80.10535684	17.82633444	2835	80.05927403	17.84450903
2581	80.09905602	17.87826246	2666	80.09726277	17.85804603	2751	80.10557418	17.82611327	2836	80.05936398	17.84401726
2582	80.09900075	17.87719886	2667	80.09747592	17.85692508	2752	80.10567954	17.82538362	2837	80.05942690	17.84359212
2583	80.09903177	17.87790719	2668	80.09737671	17.85750035	2753	80.10555666	17.82495112	2838	80.05945428	17.84321753
2584	80.09895800	17.87651865	2669	80.09729501	17.85788233	2754	80.10547755	17.82441885	2839	80.05947230	17.84273739
2585	80.09889004	17.87511201	2670	80.09755753	17.85574775	2755	80.10545154	17.82409156	2840	80.05949590	17.84220455
2586	80.09886321	17.87477623	2671	80.09749533	17.85540380	2756	80.10540854	17.82364627	2841	80.05952646	17.84182661
2587	80.09893632	17.87616300	2672	80.09739704	17.85492510	2757	80.10536690	17.82330973	2842	80.05954461	17.84136243
2588	80.09901795	17.87372650	2673	80.09730751	17.85451202	2758	80.10531923	17.82307925	2843	80.06010166	17.83955714
2589	80.09888737	17.87437360	2674	80.09722044	17.85416012	2759	80.10508953	17.82245007	2844	80.05994789	17.83991007
2590	80.09910406	17.87325403	2675	80.09713425	17.85380648	2760	80.10518352	17.82270616	2845	80.05982586	17.84026993
2591	80.09921875	17.87263595	2676	80.09701561	17.85336910	2761	80.10506848	17.82216863	2846	80.05970965	17.84060803
2592	80.09932035	17.87211021	2677	80.09695505	17.85313289	2762	80.10507854	17.82177808	2847	80.05957884	17.84097216
2593	80.09938217	17.87167570	2678	80.09688641	17.85280376	2763	80.10511323	17.82148529	2848	80.06034313	17.83968488
2594	80.09956590	17.87053083	2679	80.09678416	17.85237699	2764	80.10516569	17.82089411	2849	80.06050168	17.83800235
2595	80.09946078	17.87119421	2680	80.09660082	17.85161246	2765	80.10514081	17.82063296	2850	80.06065246	17.83731814
2596	80.09961796	17.87017459	2681	80.09651324	17.85125022	2766	80.09361432	17.84595682	2851	80.06095659	17.83716997
2597	80.09967746	17.86794613	2682	80.09640882	17.85082065	2767	80.09319640	17.84593322	2852	80.06132651	17.83698976
2598	80.09970689	17.86805157	2683	80.09622414	17.85003868	2768	80.09271058	17.84592416	2853	80.06017477	17.83948580
2599	80.09966396	17.86777645	2684	80.09603944	17.84934156	2769	80.09199781	17.84590046	2854	80.06004029	17.83929218
2600	80.09954910	17.86715267	2685	80.09595906	17.84902724	2770	80.09165464	17.84586420	2855	80.06007155	17.83812835
2601	80.09937712	17.86681288	2686	80.09560107	17.84851719	2771	80.09133576	17.84583456	2856	80.06007502	17.83850900
2602	80.09889364	17.86642853	2687	80.09562827	17.84688846	2772	80.09095346	17.84566138	2857	80.06005750	17.83882385
2603	80.09948762	17.86686042	2688	80.09567061	17.84727291	2773	80.09076474	17.84557288	2858	80.06003834	17.83911631
2604	80.09953693	17.86658549	2689	80.09571982	17.84769300	2774	80.09032341	17.84554024	2859	80.05911755	17.83753069
2605	80.09962424	17.86622473	2690	80.09576168	17.84807383	2775	80.08993611	17.84559845	2860	80.05945248	17.83771144
2606	80.09967462	17.86578527	2691	80.09579107	17.84835468	2776	80.08961083	17.84550342	2861	80.05983971	17.83796324
2607	80.09974487	17.86537874	2692	80.09552500	17.84600628	2777	80.08957444	17.84559125	2862	80.05852036	17.83735919
2608	80.09986594	17.86499752	2693	80.09561234	17.84638416	2778	80.08908102	17.84558271	2863	80.05880888	17.83744068
2609	80.09998122	17.86465173	2694	80.09544956	17.84595685	2779	80.08873422	17.84556621	2864	80.05760298	17.83669505
2610	80.10010565	17.86425490	2695	80.09377225	17.84596418	2780	80.08832537	17.84554236	2865	80.05791275	17.83691580
2611	80.10031353	17.86375538	2696	80.09417877	17.84597412	2781	80.08791679	17.84551103	2866	80.05825355	17.83717774
2612	80.10052121	17.86283644	2697	80.09459816	17.84598490	2782	80.08741390	17.84550275	2867	80.05751509	17.83664644
2613	80.10044823	17.86324562	2698	80.09504297	17.84600372	2783	80.08784591	17.84551288	2868	80.05727656	17.83644528
2614	80.10049323	17.86301314	2699	80.09538313	17.84600179	2784	80.08737303	17.84549604	2869	80.05712509	17.83611271
2615	80.10062972	17.86192844	2700	80.09555930	17.84600218	2785	80.08696706	17.84547848	2870	80.05673408	17.83581075
2616	80.10055783	17.86253877	2701	80.09559959	17.84576783	2786	80.08652558	17.84547839	2871	80.05639319	17.83563684
2617	80.10060333	17.86225595	2702	80.09561734	17.84545813	2787	80.08606314	17.84546092	2872	80.05624617	17.83559679
2618	80.10071762	17.86165376	2703	80.10101566	17.83317575	2788	80.08562391	17.84544200	2873	80.05597450	17.83551795
2619	80.10078219	17.86147038	2704	80.10079686	17.83366489	2789	80.08526417	17.84542862	2874	80.05554580	17.83551674
2620	80.10086872	17.86129365	2705	80.10052630	17.83424781	2790	80.08485855	17.84542186	2875	80.10512968	17.81687754
2621	80.10109947	17.86101461	2706	80.10031045	17.83474233	2791	80.08441394	17.84540437	2876	80.10507027	17.81705680
2622	80.10157628	17.86046425	2707	80.10089288	17.83528812	2792	80.08411956	17.84539983	2877	80.10490683	17.81782730



Superintending Engineer
TDWSP Circle, Warangal

Chief Engineer
TDWSP Hyderabad

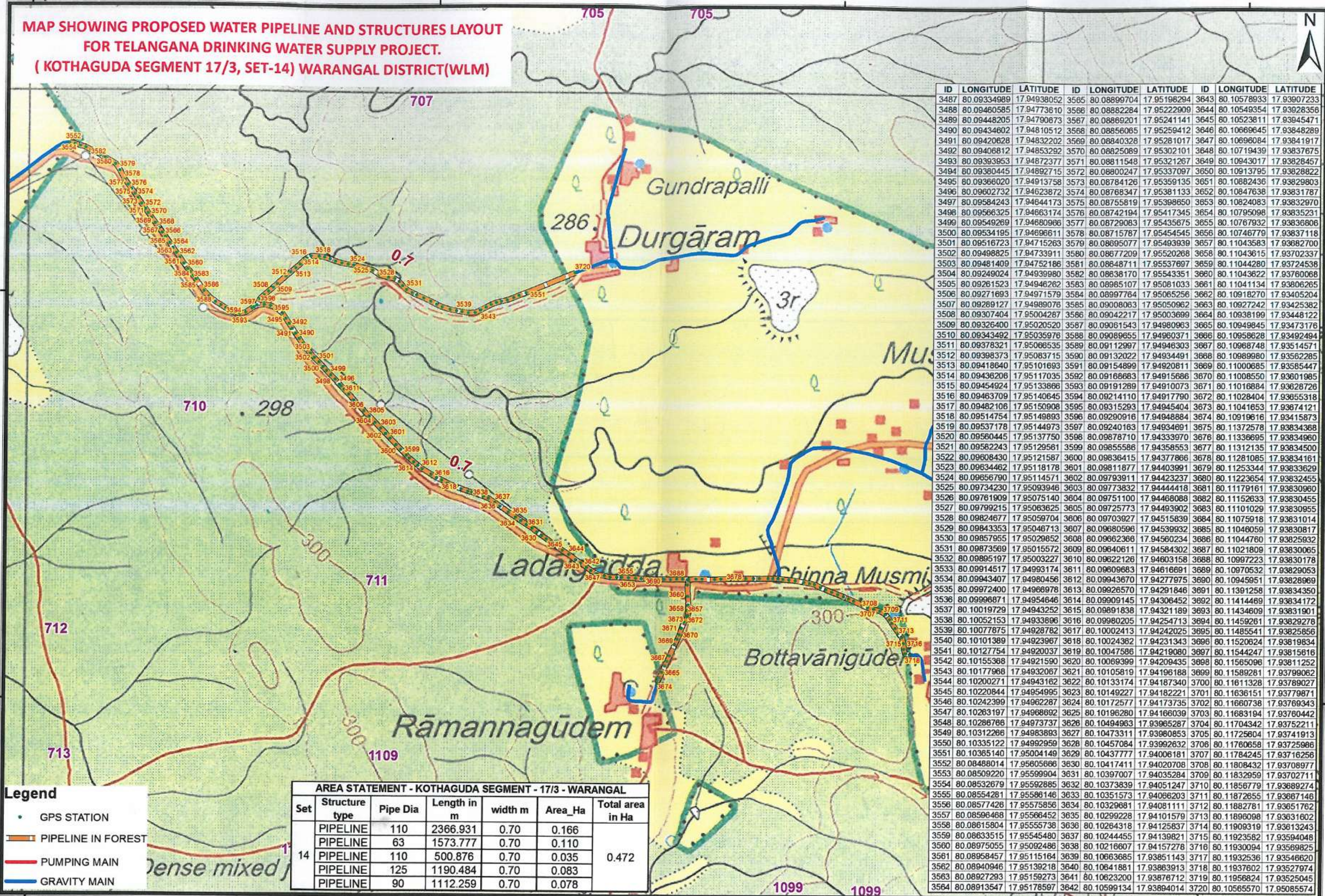
MAP SHOWING PROPOSED WATER PIPELINE AND STRUCTURES LAYOUT
FOR TELANGANA DRINKING WATER SUPPLY PROJECT.
(KOTHAGUDA SEGMENT 17/3, SET-14) WARANGAL DISTRICT(WLM)

17°57'0"N

17°56'0"N

17°57'0"N

17°56'0"N



Legend

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

AREA STATEMENT - KOTHAGUDA SEGMENT - 17/3 - WARANGAL						
Set	Structure type	Pipe Dia	Length in m	width m	Area_Ha	Total area in Ha
14	PIPELINE	110	2366.931	0.70	0.166	0.472
	PIPELINE	63	1573.777	0.70	0.110	
	PIPELINE	110	500.876	0.70	0.035	
	PIPELINE	125	1190.484	0.70	0.083	
	PIPELINE	90	1112.259	0.70	0.078	

ID	LONGITUDE	LATITUDE	ID	LONGITUDE	LATITUDE	ID	LONGITUDE	LATITUDE
3487	80.09334989	17.94938052	3565	80.08899704	17.95198294	3643	80.10578933	17.93907233
3488	80.09460585	17.94773610	3566	80.08882284	17.95222909	3644	80.10549354	17.93928356
3489	80.09448205	17.94790673	3567	80.08869201	17.95241141	3645	80.10523811	17.93945471
3490	80.09434602	17.94810512	3568	80.08856085	17.95259412	3646	80.10669645	17.93848289
3491	80.09420628	17.94832202	3569	80.08840328	17.95281017	3647	80.10696084	17.93841917
3492	80.09406812	17.94853292	3570	80.08825089	17.95302101	3648	80.10719439	17.93837675
3493	80.09393953	17.94872377	3571	80.08811548	17.95321267	3649	80.10843017	17.93828457
3494	80.09380445	17.94892715	3572	80.08800247	17.95337097	3650	80.10913795	17.93828822
3495	80.09366020	17.94913758	3573	80.08784126	17.95359135	3651	80.10882436	17.93829803
3496	80.09352732	17.94939980	3574	80.08768347	17.95381133	3652	80.10847638	17.93831787
3497	80.09339825	17.94964473	3575	80.08755819	17.95398650	3653	80.10824083	17.93832970
3498	80.09326325	17.94989076	3576	80.08742194	17.95417345	3654	80.10795098	17.93835231
3499	80.09313740	17.94962627	3577	80.08729083	17.95435675	3655	80.10767932	17.93836806
3500	80.09301195	17.94940611	3578	80.08715787	17.95454545	3656	80.10746779	17.93837118
3501	80.09288623	17.94918623	3579	80.08702683	17.95473939	3657	80.10725628	17.93838200
3502	80.09276152	17.94897391	3580	80.08689577	17.95493868	3658	80.10704361	17.93839237
3503	80.09263740	17.94876218	3581	80.08676471	17.95514331	3659	80.10683095	17.93840233
3504	80.09251328	17.94855046	3582	80.08663364	17.95535379	3660	80.10661828	17.93841194
3505	80.09238916	17.94833874	3583	80.08650257	17.95556427	3661	80.10640561	17.93842112
3506	80.09226504	17.94812702	3584	80.08637150	17.95577475	3662	80.10619294	17.93842989
3507	80.09214092	17.94791530	3585	80.08624043	17.95598523	3663	80.10598027	17.93843822
3508	80.09201680	17.94770358	3586	80.08610936	17.95619571	3664	80.10576760	17.93844615
3509	80.09189268	17.94749186	3587	80.08597829	17.95640619	3665	80.10555493	17.93845368
3510	80.09176856	17.94728014	3588	80.08584722	17.95661667	3666	80.10534226	17.93846081
3511	80.09164444	17.94706842	3589	80.08571615	17.95682715	3667	80.10512959	17.93846754
3512	80.09152032	17.94685670	3590	80.08558508	17.95703763	3668	80.10491692	17.93847387
3513	80.09139620	17.94664498	3591	80.08545401	17.95724811	3669	80.10470425	17.93847980
3514	80.09127208	17.94643326	3592	80.08532294	17.95745859	3670	80.10449158	17.93848533
3515	80.09114796	17.94622154	3593	80.08519187	17.95766907	3671	80.10427891	17.93849046
3516	80.09102384	17.94601002	3594	80.08506080	17.95787955	3672	80.10406624	17.93849519
3517	80.09090000	17.94579850	3595	80.08492973	17.95809003	3673	80.10385357	17.93850000
3518	80.09077616	17.94558698	3596	80.08479866	17.95830051	3674	80.10364090	17.93850433
3519	80.09065232	17.94537546	3597	80.08466759	17.95851099	3675	80.10342823	17.93850826
3520	80.09052848	17.94516394	3598	80.08453652	17.95872147	3676	80.10321556	17.93851219
3521	80.09040464	17.94495242	3599	80.08440545	17.95893195	3677	80.10300289	17.93851582
3522	80.09028080	17.94474090	3600	80.08427438	17.95914243	3678	80.10279022	17.93851915
3523	80.09015696	17.94452938	3601	80.08414331	17.95935291	3679	80.10257755	17.93852208
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3525	80.08990928	17.94410634	3603	80.08388117	17.95977387	3681	80.10215221	17.93852794
3526	80.08978544	17.94389482	3604	80.08375010	17.95998435	3682	80.10193954	17.93853087
3527	80.08966160	17.94368330	3605	80.08361903	17.96019483	3683	80.10172687	17.93853380
3528	80.08953776	17.94347178	3606	80.08348796	17.96040531	3684	80.10151420	17.93853673
3529	80.08941392	17.94326026	3607	80.08335689	17.96061579	3685	80.10130153	17.93853966
3530	80.08929008	17.94304874	3608	80.08322582	17.96082627	3686	80.10108886	17.93854259
3531	80.08916624	17.94283722	3609	80.08309475	17.96103675	3687	80.10087619	17.93854552
3532	80.08904240	17.94262570	3610	80.08296368	17.96124723	3688	80.10066352	17.93854845
3533	80.08891856	17.94241418	3611	80.08283261	17.96145771	3689	80.10045085	17.93855138
3534	80.08879472	17.94220266	3612	80.08270154	17.96166819	3690	80.10023818	17.93855431
3535	80.08867088	17.94199114	3613	80.08257047	17.96187867	3691	80.10002551	17.93855724
3536	80.08854704	17.94177962	3614	80.08243940	17.96208915	3692	80.09981284	17.93856017
3537	80.08842320	17.94156810	3615	80.08230833	17.96229963	3693	80.09960017	17.93856310
3538	80.08829936	17.94135658	3616	80.08217726	17.96251011	3694	80.09938750	17.93856603
3539	80.08817552	17.94114506	3617	80.08204619	17.96272059	3695	80.09917483	17.93856896
3540	80.08805168	17.94093354	3618	80.08191512	17.96293107	3696	80.09896216	17.93857189
3541	80.08792784	17.94072202	3619	80.08178405	17.96314155	3697	80.09874949	17.93857482
3542	80.08780400	17.94051050	3620	80.08165298	17.96335203	3698	80.09853682	17.93857775
3543	80.08768016	17.94029898	3621	80.08152191	17.96356251	3699	80.09832415	17.93858068
3544	80.08755632	17.94008746	3622	80.08139084	17.96377300	3700	80.09811148	17.93858361
3545	80.08743248	17.93987594	3623	80.08125977	17.96398348	3701	80.09789881	17.93858654
3546	80.08730864	17.93966442	3624	80.08112870	17.96419396	3702	80.09768614	17.93858947
3547	80.08718480	17.93945290	3625	80.08100000	17.96440444	3703	80.09747347	17.93859240
3548	80.08706096	17.93924138	3626	80.08086893	17.96461492	3704	80.09726080	17.93859533
3549	80.08693712	17.93902986	3627	80.08073786	17.96482540	3705	80.09704813	17.93859826
3550	80.08681328	17.93881834	3628	80.08060679	17.96503588	3706	80.09683546	17.93860119
3551	80.08668944	17.93860682	3629	80.08047572	17.96524636	3707	80.09662279	17.93860412
3552	80.08656560	17.93839530	3630	80.08034465	17.96545684	3708	80.09641012	17.93860705
3553	80.08644176	17.93818378	3631	80.08021358	17.96566732	3709	80.09619745	17.93860998
3554	80.08631792	17.93797226	3632	80.08008251	17.96587780	3710	80.09598478	17.93861291
3555	80.08619408	17.93776074	3633	80.07995144	17.96608828	3711	80.09577211	17.93861584
3556	80.08607024	17.93754922	3634	80.07982037	17.96629876	3712	80.09555944	17.93861877
3557	80.08594640	17.93733770	3635	80.07968930	17.96650924	3713	80.09534677	17.93862170
3558	80.08582256	17.93712618	3636	80.07955823	17.96671972	3714	80.09513410	17.93862463
3559	80.08569872	17.93691466	3637	80.07942716	17.96693020	3715	80.09492143	17.93862756
3560	80.08557488	17.93670314	3638	80.07929609	17.96714068	3716	80.09470876	17.93863049
3561	80.08545104	17.93649162	3639	80.07916502	17.96735116	3717	80.09449609	17.93863342
3562	80.08532720	17.93628010	3640	80.07903395	17.96756164	3718	80.09428342	17.93863635
3563	80.08520336	17.93606858	3641	80.07890288	17.96777212	3719	80.09407075	17.93863928
3564	80.08507952	17.93585706	3642	80.07877181	17.96798260	3720	80.09385808	17.93864221

80°3'0"E

80°4'0"E

80°5'0"E

80°6'0"E

80°7'0"E

MAP SHOWING PROPOSED WATER PIPELINE AND STRUCTURES LAYOUT
FOR TELANGANA DRINKING WATER SUPPLY PROJECT.
(KOTHAGUDA SEGMENT 17/3, SET-15) WARANGAL DISTRICT(WLM)

18°0'0"N

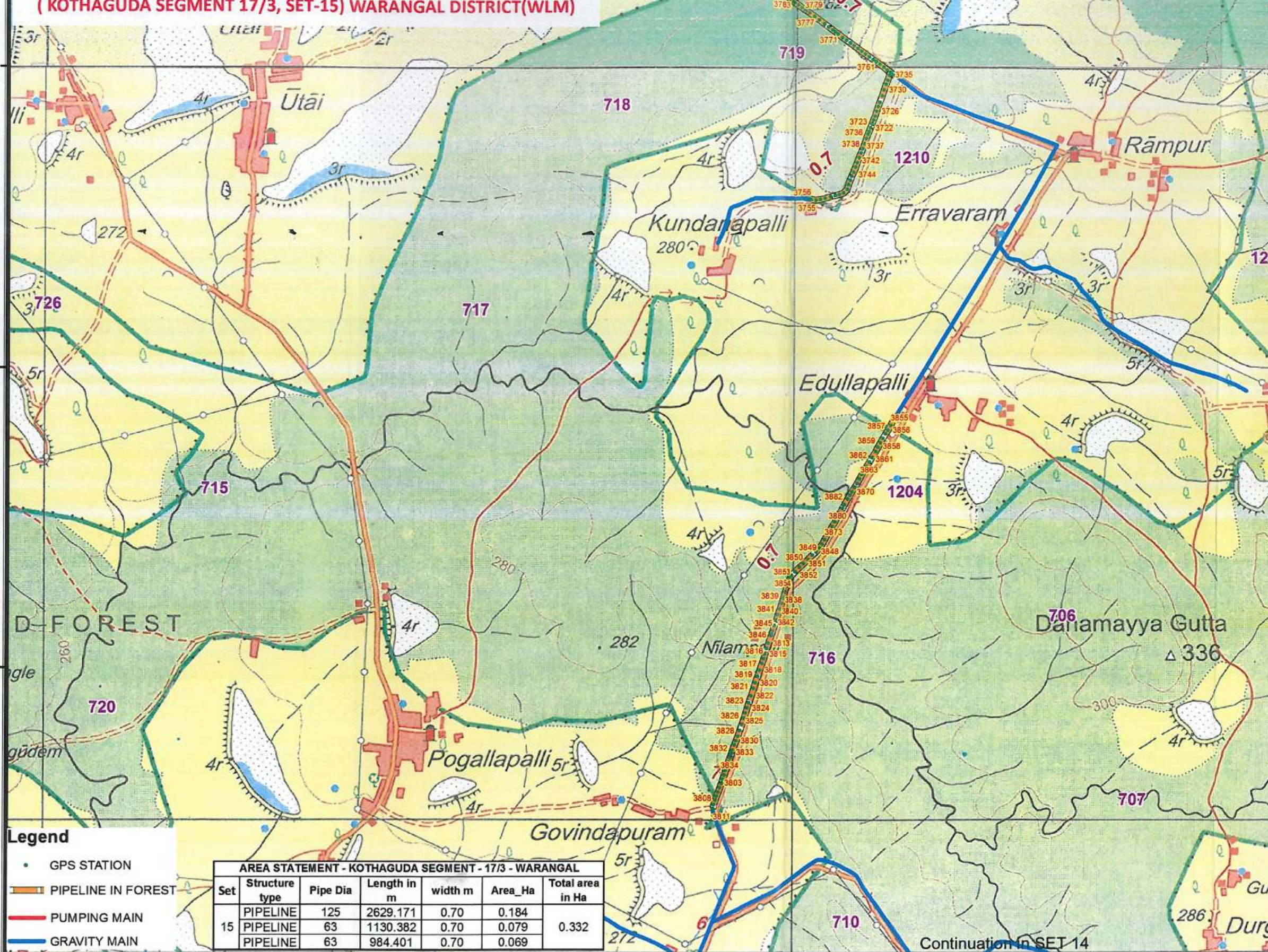
17°59'0"N

17°58'0"N

18°0'0"N

17°59'0"N

17°58'0"N



ID	LONGITUDE	LATITUDE	ID	LONGITUDE	LATITUDE
3721	80.08739351	17.99638573	3802	80.07945872	17.96095920
3722	80.08747253	17.99660511	3803	80.07938353	17.96072692
3723	80.08755832	17.99682683	3804	80.07930253	17.96048205
3724	80.08763254	17.99702902	3805	80.07922817	17.96025648
3725	80.08771259	17.99725696	3806	80.07914442	17.96002269
3726	80.08780542	17.99752135	3807	80.07905126	17.95978806
3727	80.08790016	17.99777229	3808	80.07896850	17.95955506
3728	80.08799190	17.99801471	3809	80.07889223	17.95934786
3729	80.08811379	17.99836859	3810	80.07881422	17.95910255
3730	80.08823153	17.99870310	3811	80.07877792	17.95886056
3731	80.08834093	17.99900047	3812	80.08194709	17.96843400
3732	80.08841721	17.99922674	3813	80.08180379	17.96800277
3733	80.08851418	17.99948915	3814	80.08171093	17.96771837
3734	80.08863898	17.99960675	3815	80.08160641	17.96739902
3735	80.08865690	17.99966134	3816	80.08152410	17.96715849
3736	80.08731567	17.99623023	3817	80.08143495	17.96687830
3737	80.08724072	17.99602927	3818	80.08130818	17.96651483
3738	80.08713966	17.99571434	3819	80.08119338	17.96615988
3739	80.08704202	17.99545126	3820	80.08108267	17.96580427
3740	80.08695558	17.99523334	3821	80.08098630	17.96550455
3741	80.08684733	17.99495937	3822	80.08085361	17.96509465
3742	80.08673402	17.99468009	3823	80.08072919	17.96470618
3743	80.08663570	17.99443665	3824	80.08063531	17.96442386
3744	80.08652565	17.99414808	3825	80.08054403	17.96414918
3745	80.08642864	17.99392921	3826	80.08045025	17.96387000
3746	80.08634013	17.99372153	3827	80.08033809	17.96352862
3747	80.08625052	17.99348612	3828	80.08022445	17.96317559
3748	80.08618291	17.99321887	3829	80.08012357	17.96288485
3749	80.08598803	17.99301037	3830	80.08001523	17.96261857
3750	80.08574571	17.99293126	3831	80.07994110	17.96238338
3751	80.08551469	17.99287351	3832	80.07983164	17.96207775
3752	80.08526873	17.99282017	3833	80.07975582	17.96185507
3753	80.08494889	17.99273989	3834	80.07969584	17.96168835
3754	80.08468500	17.99266545	3835	80.08302449	17.97164647
3755	80.08444437	17.99264255	3836	80.08294652	17.97141010
3756	80.08418260	17.99267203	3837	80.08285259	17.97115653
3757	80.08382297	17.99247630	3838	80.08274623	17.97083385
3758	80.08358766	17.99242722	3839	80.08263951	17.97051264
3759	80.08338714	17.99229219	3840	80.08253233	17.97019971
3760	80.08319252	17.99223953	3841	80.08242595	17.96989451
3761	80.08298293	18.00009142	3842	80.08233257	17.96959041
3762	80.08277430	18.00024644	3843	80.08222777	17.96927641
3763	80.08260073	18.00036789	3844	80.08212560	17.96897409
3764	80.08238017	18.00052025	3845	80.08203878	17.96869695
3765	80.08216333	18.00067160	3846	80.08196547	17.96848587
3766	80.08195007	18.00083368	3847	80.08186788	17.97328759
3767	80.08174814	18.00098634	3848	80.08175091	17.97309849
3768	80.08153307	18.00113078	3849	80.08162980	17.97290268
3769	80.08132737	18.00128931	3850	80.08150173	17.97265848
3770	80.08111483	18.00145040	3851	80.081380743	17.97242170
3771	80.08088742	18.00160128	3852	80.08125985	17.97221549
3772	80.08064981	18.00179206	3853	80.08113188	17.97197185
3773	80.080450238	18.00189545	3854	80.081031411	17.97175600
3774	80.08025228	18.00200882	3855	80.080863124	17.98012468
3775	80.08013178	18.00217513	3856	80.080848086	17.97985934
3776	80.08009063	18.00235009	3857	80.080836384	17.97965369
3777	80.080459467	18.00257739	3858	80.080820605	17.97939385
3778	80.08033052	18.00277276	3859	80.080806631	17.97915380
3779	80.080404758	18.00299575	3860	80.080793598	17.97891734
3780	80.080381184	18.00317320	3861	80.080780131	17.97867386
3781	80.080361593	18.00331279	3862	80.080760972	17.97833507
3782	80.080341011	18.00346824	3863	80.080745557	17.97807968
3783	80.080321836	18.00360719	3864	80.080730611	17.97782479
3784	80.080312273	18.00367688	3865	80.080717732	17.97759338
3785	80.080292358	18.00383621	3866	80.080704764	17.97736710
3786	80.080270080	18.00398989	3867	80.080690507	17.97712921
3787	80.080249888	18.00414413	3868	80.080676914	17.97688528
3788	80.080230361	18.00430113	3869	80.080662586	17.97664317
3789	80.080211751	18.00444969	3870	80.080649593	17.97642188
3790	80.080193064	18.00458773	3871	80.080638567	17.97623962
3791	80.080173528	18.00473780	3872	80.08062486	17.9751892
3792	80.080155226	18.00487781	3873	80.080610865	17.97375864
3793	80.080134817	18.00502883	3874	80.080511389	17.97400735
3794	80.080115287	18.00517845	3875	80.080526401	17.97426355
3795	80.080094827	18.00534391	3876	80.080539676	17.97449346
3796	80.080075477	18.00549834	3877	80.080553758	17.97474562
3797	80.080058824	18.00562670	3878	80.080565510	17.97490679
3798	80.080041648	18.00576887	3879	80.080581984	17.97524935
3799	80.079969228	17.96166584	3880	80.080595888	17.97551398
3800	80.079961169	17.96142081	3881	80.080607625	17.97571722
3801	80.079953233	17.96118456	3882	80.080625348	17.97602654

80°3'0"E

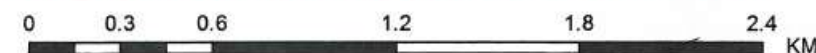
80°4'0"E

80°5'0"E

80°6'0"E

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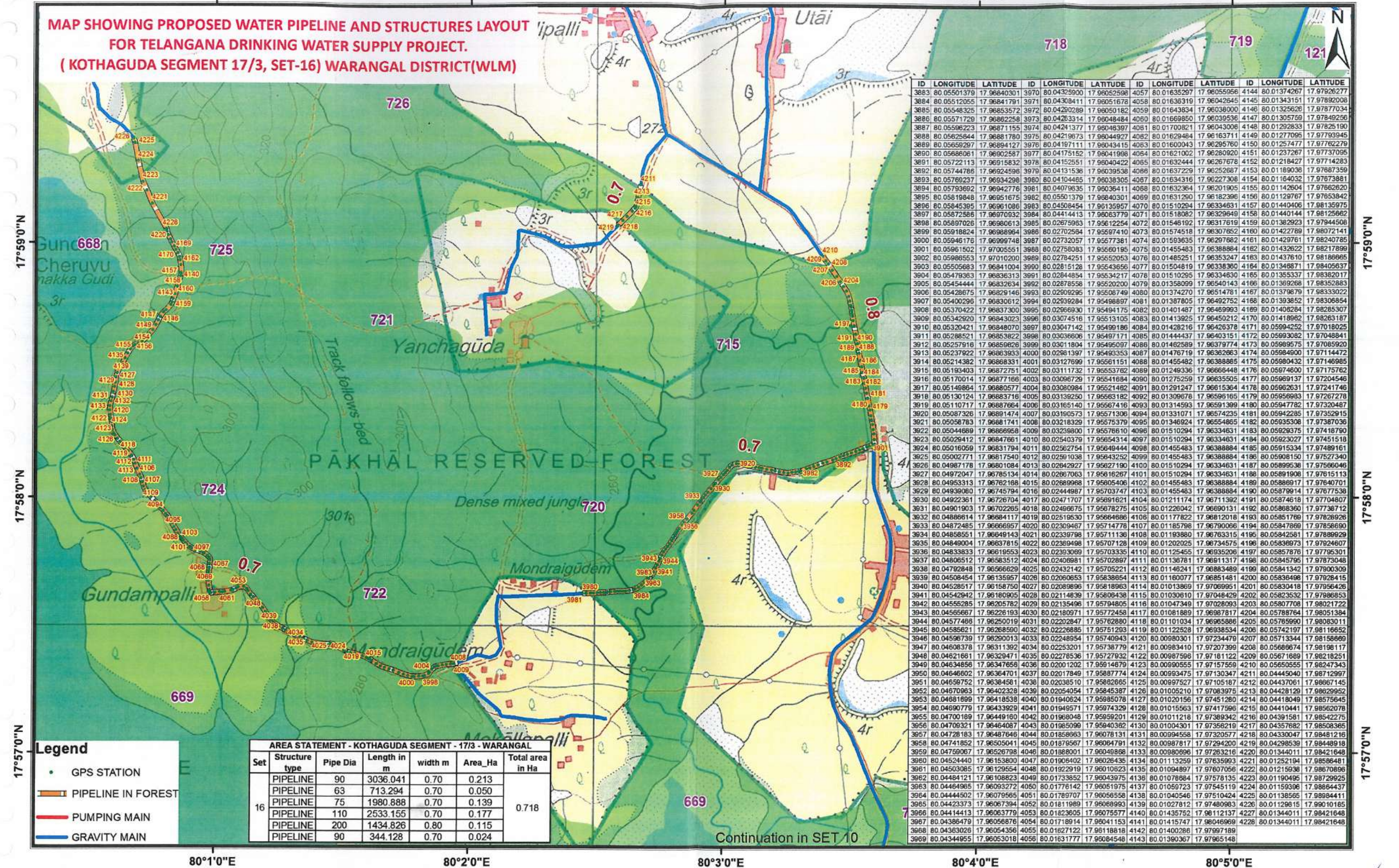
Geographic Coordinate System and WGS-84 Datum



Superintending Engineer
TDWSP Circle, Warangal.

Chief Engineer
TDWSP Hyderabad.

MAP SHOWING PROPOSED WATER PIPELINE AND STRUCTURES LAYOUT
FOR TELANGANA DRINKING WATER SUPPLY PROJECT.
(KOTHAGUDA SEGMENT 17/3, SET-16) WARANGAL DISTRICT(WLM)

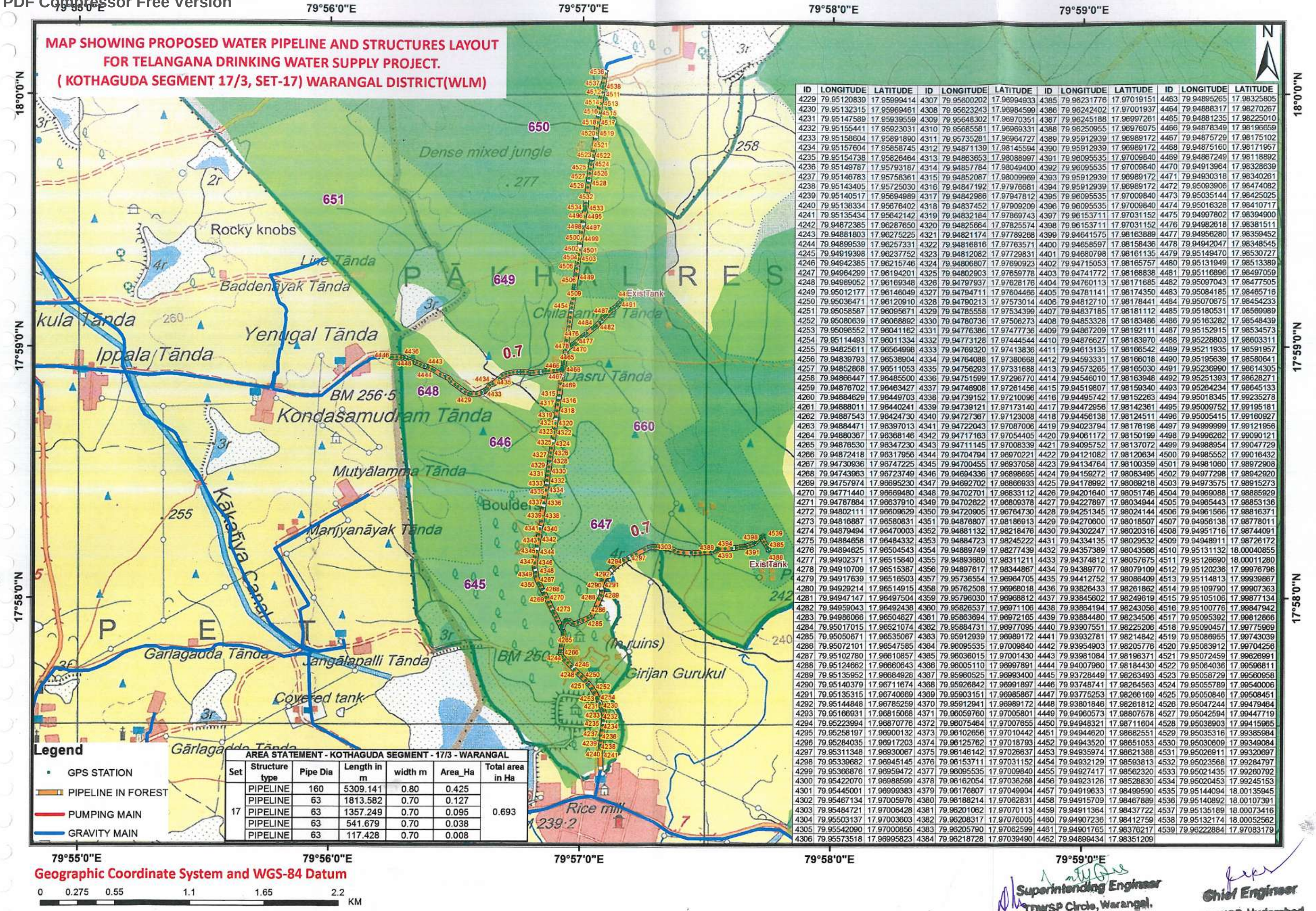


Legend

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

AREA STATEMENT - KOTHAGUDA SEGMENT - 17/3 - WARANGAL						
Set	Structure type	Pipe Dia	Length in m	width m	Area_Ha	Total area in Ha
16	PIPELINE	90	3036.041	0.70	0.213	0.718
	PIPELINE	63	713.294	0.70	0.050	
	PIPELINE	75	1980.888	0.70	0.139	
	PIPELINE	110	2533.155	0.70	0.177	
	PIPELINE	200	1434.826	0.80	0.115	
	PIPELINE	90	344.128	0.70	0.024	

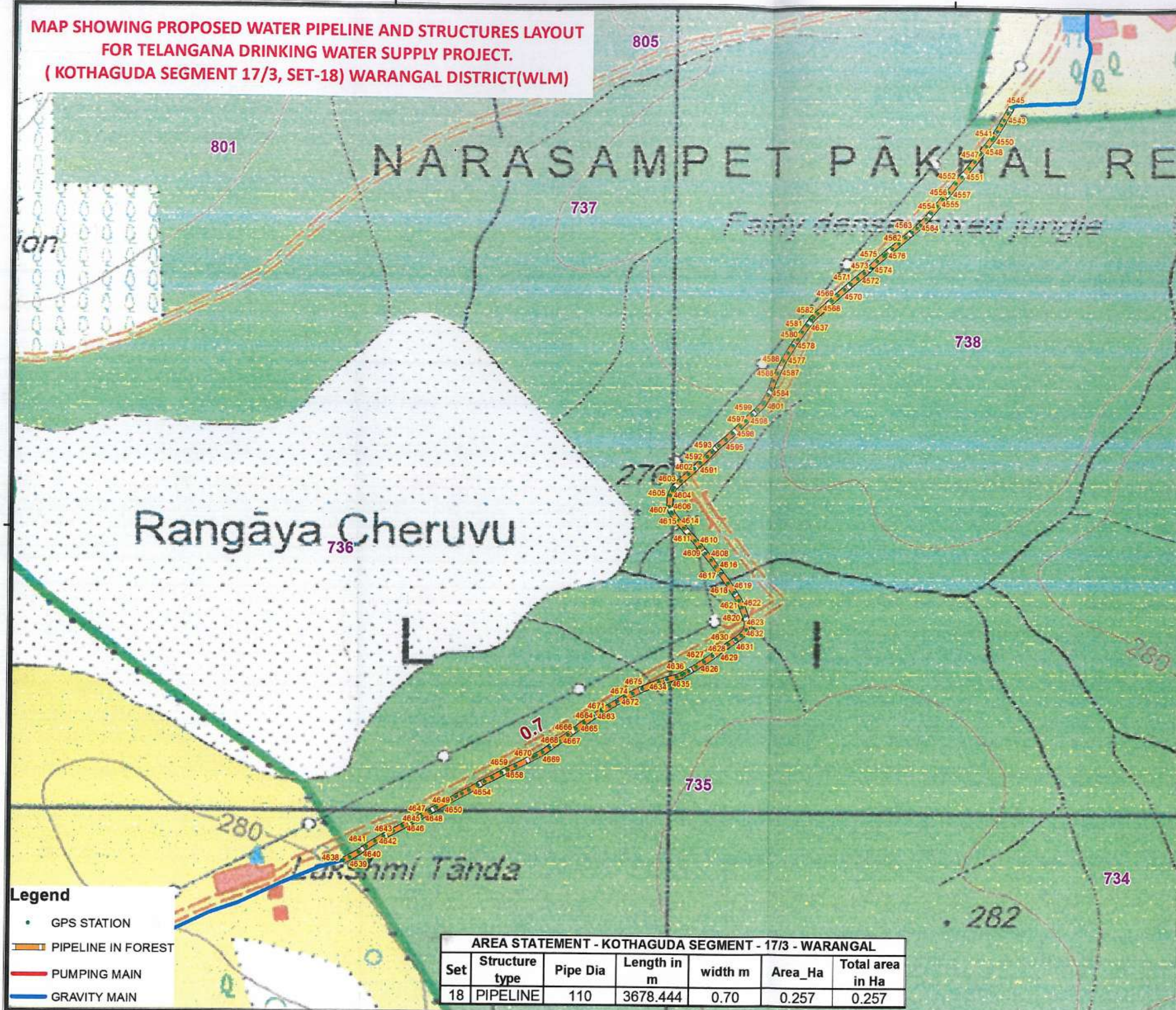
ID	LONGITUDE	LATITUDE	ID	LONGITUDE	LATITUDE	ID	LONGITUDE	LATITUDE	ID	LONGITUDE	LATITUDE
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3884	80.05512055	17.96841791	3971	80.04308411	17.96051678	4058	80.01636319	17.96042645	4145	80.01343151	17.97892008
3885	80.05548325	17.96853572	3972	80.04290289	17.96050182	4059	80.01643834	17.96038000	4146	80.01325626	17.97877034
3886	80.05571729	17.96862258	3973	80.04263314	17.96048484	4060	80.01669850	17.96039536	4147	80.01305759	17.97849256
3887	80.05596223	17.96871155	3974	80.04241377	17.96046397	4061	80.01700821	17.96043008	4148	80.01292833	17.97825190
3888	80.05625644	17.96881780	3975	80.04219873	17.96044927	4062	80.01629484	17.96163711	4149	80.01277095	17.97793945
3889	80.05659297	17.96894127	3976	80.04197111	17.96043415	4063	80.01600043	17.96295760	4150	80.01257477	17.97762279
3890	80.05686061	17.96902587	3977	80.04175152	17.96041988	4064	80.01621002	17.96280920	4151	80.01237267	17.97737095
3891	80.05722113	17.96915832	3978	80.04152551	17.96040422	4065	80.01632444	17.96267678	4152	80.01218427	17.97714283
3892	80.05744786	17.96924598	3979	80.04131536	17.96039538	4066	80.01637229	17.96252687	4153	80.01189036	17.97687359
3893	80.05769237	17.96934298	3980	80.04104465	17.96038305	4067	80.01634316	17.96227308	4154	80.01164032	17.97673881
3894	80.05793692	17.96942776	3981	80.04079635	17.96036411	4068	80.01632364	17.96201905	4155	80.01142604	17.97662620
3895	80.05819848	17.96951675	3982	80.05501379	17.96840301	4069	80.01631290	17.96182396	4156	80.01129767	17.97653842
3896	80.05845395	17.96961086	3983	80.04508454	17.96135957	4070	80.01510294	17.96334631	4157	80.01144066	17.98135975
3897	80.05872586	17.96970932	3984	80.04414413	17.96063779	4071	80.01518082	17.96329649	4158	80.01144014	17.98125662
3898	80.05897026	17.96980613	3985	80.02675963	17.95612254	4072	80.01548192	17.96317619	4159	80.01138292	17.97944508
3899	80.05918824	17.96988964	3986	80.02702584	17.95597410	4073	80.01574518	17.96307852	4160	80.01142789	17.98072141
3900	80.05946176	17.96999748	3987	80.02732057	17.95577381	4074	80.01593635	17.96297882	4161	80.01142976	17.98240785
3901	80.05961502	17.97005551	3988	80.02758083	17.95560195	4075	80.01455543	17.96388884	4162	80.01143262	17.98217899
3902	80.05986553	17.97010200	3989	80.02784251	17.95552053	4076	80.01485251	17.96353247	4163	80.01143761	17.98188685
3903	80.05505683	17.96841004	3990	80.02815128	17.95543656	4077	80.01504819	17.96338300	4164	80.01134687	17.98405637
3904	80.05479363	17.96836313	3991	80.02844854	17.95534217	4078	80.01510295	17.96334630	4165	80.01135533	17.98382017
3905	80.05454444	17.96832634	3992	80.02875968	17.95520200	4079	80.01358099	17.96540143	4166	80.01136926	17.98352883
3906	80.05428675	17.96829146	3993	80.02809295	17.95506749	4080	80.01374270	17.96514781	4167	80.01137987	17.98333022
3907	80.05400296	17.96830612	3994	80.02939284	17.95498897	4081	80.01387805	17.96492752	4168	80.01139365	17.98306854
3908	80.05370422	17.96837300	3995	80.02966930	17.95494175	4082	80.01401487	17.96489993	4169	80.01140828	17.98285307
3909	80.05342920	17.96843023	3996	80.03074516	17.95513105	4083	80.01413925	17.96450212	4170	80.01141896	17.98263187
3910	80.05320421	17.96848070	3997	80.03047142	17.95499186	4084	80.01428216	17.96426378	4171	80.05994252	17.97018025
3911	80.05288521	17.96853822	3998	80.03036606	17.95497171	4085	80.01444437	17.96403151	4172	80.05993082	17.97048841
3912	80.05257916	17.96859826	3999	80.03011804	17.95495097	4086	80.01462589	17.96379774	4173	80.05989575	17.97085920
3913	80.05237922	17.96863933	4000	80.02981397	17.95493353	4087	80.01476719	17.96362863	4174	80.05984900	17.97114472
3914	80.05214382	17.96868331	4001	80.03127699	17.95561151	4088	80.01455492	17.96388885	4175	80.05980432	17.97146985
3915	80.05193403	17.96872751	4002	80.03111732	17.95553762	4089	80.01249336	17.96666448	4176	80.05974600	17.97175762
3916	80.05170014	17.96877168	4003	80.03096729	17.95541684	4090	80.01275259	17.96635505	4177	80.05989137	17.97204546
3917	80.05149864	17.96880577	4004	80.03080984	17.95521462	4091	80.01291247	17.96615364	4178	80.05982631	17.97241746
3918	80.05130124	17.96883716	4005	80.03139250	17.95563182	4092	80.01309678	17.96596165	4179	80.05956983	17.97267278
3919	80.05110717	17.96887664	4006	80.03165140	17.95567416	4093	80.01314593	17.96591399	4180	80.05947782	17.97320487
3920	80.05087326	17.96891474	4007	80.03190573	17.95571306	4094	80.01331071	17.96574235	4181	80.05942285	17.97352915
3921	80.05058783	17.96881741	4008	80.03218329	17.95575379	4095	80.01346924	17.96554865	4182	80.05935308	17.97387036
3922	80.05044689	17.96866958	4009	80.03239800	17.95576610	4096	80.01510294	17.96334631	4183	80.05929375	17.97418790
3923	80.05029412	17.96847661	4010	80.02540379	17.95565434	4097	80.01510294	17.96334631	4184	80.05923027	17.97451518
3924	80.05016059	17.96831794	4011	80.02562754	17.95649444	4098	80.01455483	17.96388884	4185	80.05915334	17.97489161
3925	80.05002771	17.96817540	4012	80.02591038	17.95643252	4099	80.01455483	17.96388884	4186	80.05908150	17.97527340
3926	80.04987178	17.96801084	4013	80.02642927	17.95627190	4100	80.01510294	17.96334631	4187	80.05899538	17.97566046
3927	80.04972047	17.96785134	4014	80.02667063	17.95616287	4101	80.01510294	17.96334631	4188	80.05891908	17.97615113
3928	80.04953313	17.96762168	4015	80.02689988	17.95605406	4102	80.01455483	17.96388884	4189	80.05886917	17.97644701
3929	80.04939080	17.96745794	4016	80.02444987	17.95703747	4103	80.01455483	17.96388884	4190	80.05879914	17.97677538
3930	80.04922361	17.96726704	4017	80.02471707	17.95691621	4104	80.01211174	17.96711392	4191	80.05874618	17.97704807
3931	80.04901903	17.96702265	4018	80.02496675	17.95678275	4105	80.01226042	17.96690131	4192	80.05868360	17.97736712
3932	80.04886614	17.96684117	4019	80.02519530	17.95664886	4106	80.01177822	17.96612018	4193	80.05851769	17.97828926
3933	80.04872485	17.96666957	4020	80.02309467	17.95714778	4107	80.01185798	17.96790066	4194	80.05847869	17.97856690
3934	80.04858551	17.96649143	4021	80.02339798	17.95711136	4108	80.01193880	17.96763315	4195	80.05842581	17.97889929
3935	80.04849004	17.96637815	4022	80.02369498	17.95707128	4109	80.01202025	17.96734575	4196	80.05836973	17.97924607
3936	80.04833833	17.96619553	4023	80.02393069	17.95703335	4110	80.01125455	17.96935206	4197	80.05857876	17.97979530
3937	80.04806512	17.96583512	4024	80.02406981	17.95702897	4111	80.01136781	17.96911317	4198	80.05845795	17.97873048
3938	80.04792848	17.96566629	4025	80.02432142	17.95705221	4112	80.01146241	17.96883489	4199	80.05841342	17.97900309
3939	80.04508454	17.96135957	4026	80.02060953	17.95838654	4113	80.01160077	17.96851481	4200	80.05836498	17.97928415
3940	80.04528517	17.96158750	4027	80.02089896	17.95818963	4114	80.01013869	17.97069951	4201	80.05830418	17.97956426
3941	80.04542942	17.96180905	4028	80.02114839	17.95809438	4115	80.01030610	17.97048429	4202	80.05823532	17.97988853
3942	80.04555285	17.96205782	4029	80.02135496	17.95794805	4116	80.01047349	17.97028093	4203	80.05807708	17.98021722
3943	80.04556667	17.96226193	4030	80.02180971	17.95772458	4117	80.01081889	17.96987817	4204	80.05788764	17.98051384
3944	80.04577468	17.96250019	4031	80.02202847	17.95762880	4118	80.01101034	17.96965886	4205	80.05765990	17.98083011
3945	80.04585621	17.96268590	4032	80.02226885	17.95751293	4119	80.01122528	17.96938534	4206	80.05742197	17.98116652
3946	80.04596739	17.96290013	4033	80.02248954	17.95740943	4120	80.00980301	17.97234479	4207	80.05713344	17.98158669
3947	80.04608378	17.96311392	4034	80.02253201	17.95738779	4121	80.00983410	17.97207399	4208	80.05686674	17.98198117
3948	80.04621661	17.96329471	4035	80.02278536	17.95727932	4122	80.00987596	17.97181122	4209	80.05671689	17.98218251
3949	80.04634856	17.96347656	4036	80.02001202	17.95914679	4123	80.00980555	17.97157559	4210	80.05650555	17.98247343
3950	80.04646602	17.96364701	4037	80.02017849	17.95887774	4124	80.00983475	17.97130347	4211	80.04445040	17.98711297
3951	80.04659752	17.96384581	4038	80.02038510	17.95862655	4125	80.00997527	17.97105187	4212	80.04437061	17.98666174
3952	80.04670963	17.96402328	4039	80.02054054	17.95845387	4126	80				



MAP SHOWING PROPOSED WATER PIPELINE AND STRUCTURES LAYOUT
FOR TELANGANA DRINKING WATER SUPPLY PROJECT.
(KOTHAGUDA SEGMENT 17/3, SET-18) WARANGAL DISTRICT(WLM)

18°30'0"N

18°30'0"N

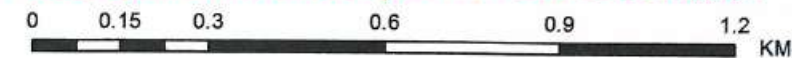


- Legend**
- GPS STATION
 - PIPELINE IN FOREST
 - PUMPING MAIN
 - GRAVITY MAIN

AREA STATEMENT - KOTHAGUDA SEGMENT - 17/3 - WARANGAL						
Set	Structure type	Pipe Dia	Length in m	width m	Area_Ha	Total area in Ha
18	PIPELINE	110	3678.444	0.70	0.257	0.257

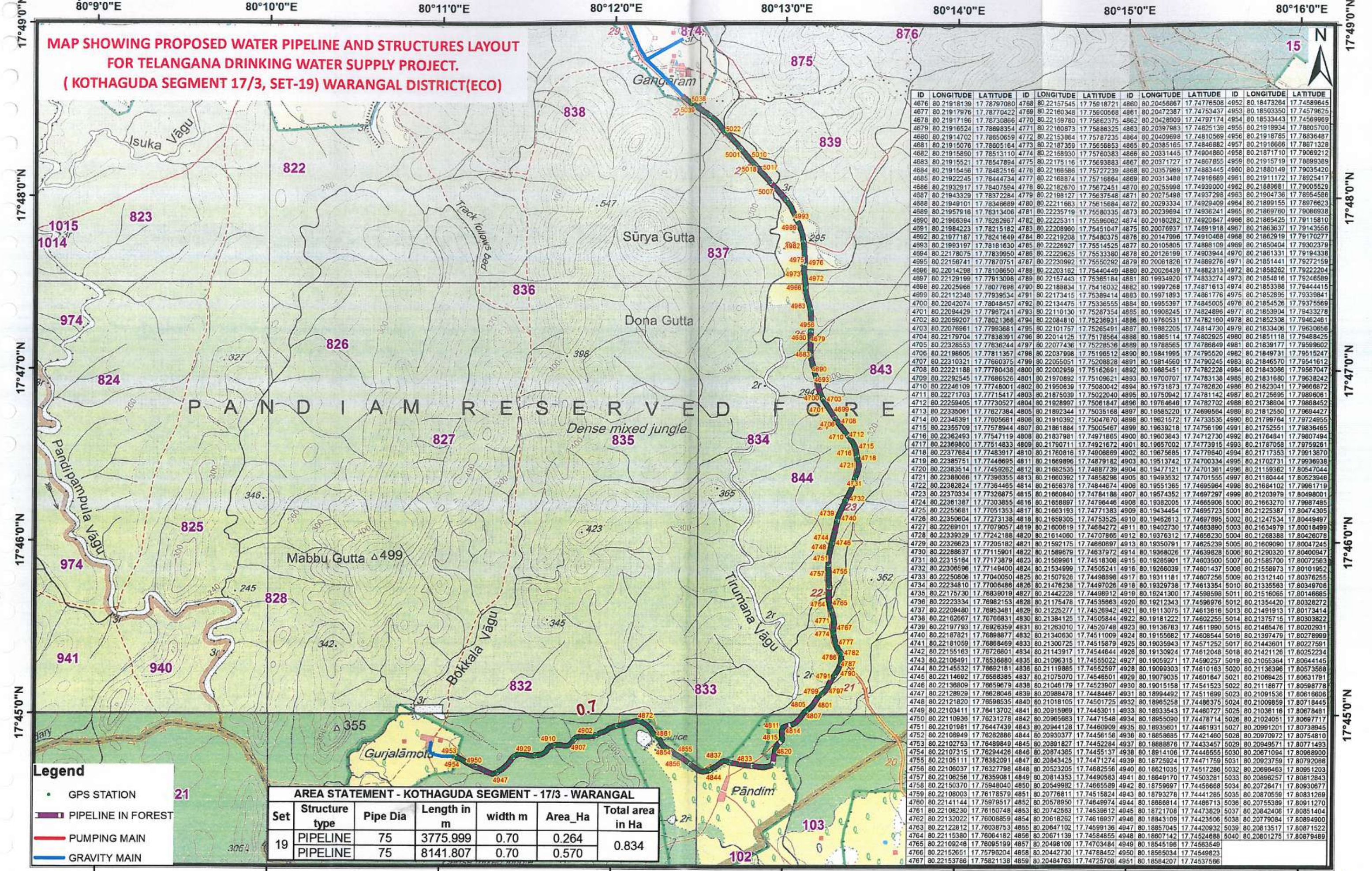
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4541	79.96795174	18.06189329	4609	79.95937225	18.04931548
4542	79.96806685	18.06208395	4610	79.95921121	18.04950700
4543	79.96814920	18.06223339	4611	79.95906316	18.04968884
4544	79.96826834	18.06244052	4612	79.95889244	18.04988068
4545	79.96836139	18.06261067	4613	79.95871845	18.05007079
4546	79.96713265	18.06080093	4614	79.95852785	18.05029667
4547	79.96729218	18.06099267	4615	79.95838340	18.05048768
4548	79.96746613	18.06122061	4616	79.95824071	18.05067934
4549	79.96763030	18.06144988	4617	79.95809165	18.05087232
4550	79.96779387	18.06166097	4618	79.95794013	18.05106530
4551	79.96691108	18.06053874	4619	79.95778861	18.05125828
4552	79.96674839	18.06034432	4620	79.95763709	18.05145126
4553	79.96586889	18.05928056	4621	79.95748557	18.05164424
4554	79.96602335	18.05946083	4622	79.95733405	18.05183722
4555	79.96619106	18.05966180	4623	79.95718253	18.05203020
4556	79.96635886	18.05987109	4624	79.95703101	18.05222318
4557	79.96653633	18.06008167	4625	79.95687949	18.05241616
4558	79.96570463	18.05911129	4626	79.95672797	18.05260914
4559	79.96467852	18.05824266	4627	79.95657645	18.05280212
4560	79.96486535	18.05840156	4628	79.95642493	18.05299510
4561	79.96506516	18.05856205	4629	79.95627341	18.05318808
4562	79.96527536	18.05872495	4630	79.95612189	18.05338106
4563	79.96545914	18.05888853	4631	79.95597037	18.05357404
4564	79.96560039	18.05901830	4632	79.95581885	18.05376702
4565	79.96247551	18.05627981	4633	79.95566733	18.05396000
4566	79.96265983	18.05647990	4634	79.95551581	18.05415298
4567	79.96284570	18.05664214	4635	79.95536429	18.05434596
4568	79.96308562	18.05685158	4636	79.95521277	18.05453894
4569	79.96327524	18.05701580	4637	79.95506125	18.05473192
4570	79.96346987	18.05718725	4638	79.95490973	18.05492490
4571	79.96365135	18.05734531	4639	79.95475821	18.05511788
4572	79.96385339	18.05751871	4640	79.95460669	18.05531086
4573	79.96404349	18.05768064	4641	79.95445517	18.05550384
4574	79.96422550	18.05784336	4642	79.95430365	18.05569682
4575	79.96444134	18.05802840	4643	79.95415213	18.05588980
4576	79.96462496	18.05819272	4644	79.95400061	18.05608278
4577	79.96179872	18.05531070	4645	79.95384909	18.05627576
4578	79.96193599	18.05552804	4646	79.95369757	18.05646874
4579	79.96207206	18.05572915	4647	79.95354605	18.05666172
4580	79.96221303	18.05592987	4648	79.95339453	18.05685470
4581	79.96235481	18.05612684	4649	79.95324301	18.05704768
4582	79.96254724	18.05637045	4650	79.95309149	18.05724066
4583	79.96108087	18.05385888	4651	79.95293997	18.05743364
4584	79.96118886	18.05405639	4652	79.95278845	18.05762662
4585	79.96128690	18.05426544	4653	79.95263693	18.05781960
4586	79.96136820	18.05449555	4654	79.95248541	18.05801258
4587	79.96147894	18.05472005	4655	79.95233389	18.05820556
4588	79.96166089	18.05508773	4656	79.95218237	18.05839854
4589	79.95837536	18.05119096	4657	79.95203085	18.05859152
4590	79.95902100	18.05183808	4658	79.95187933	18.05878450
4591	79.95919436	18.05201069	4659	79.95172781	18.05897748
4592	79.95939464	18.05220534	4660	79.95157629	18.05917046
4593	79.95953304	18.05239972	4661	79.95142477	18.05936344
4594	79.95974312	18.05255273	4662	79.95127325	18.05955642
4595	79.95994702	18.05271622	4663	79.95112173	18.05974940
4596	79.96013447	18.05289949	4664	79.95097021	18.05994238
4597	79.96036955	18.05312077	4665	79.95081869	18.06013536
4598	79.96053265	18.05327970	4666	79.95066717	18.06032834
4599	79.96071680	18.05346429	4667	79.95051565	18.06052132
4600	79.96088225	18.05362251	4668	79.95036413	18.06071430
4601	79.96104039	18.05379741	4669	79.95021261	18.06090728
4602	79.95884322	18.05167717	4670	79.95006109	18.06110026
4603	79.95861674	18.05147480	4671	79.94990957	18.06129324
4604	79.95842009	18.05126426	4672	79.94975805	18.06148622
4605	79.95831298	18.05104006	4673	79.94960653	18.06167920
4606	79.95828749	18.05071199	4674	79.94945501	18.06187218
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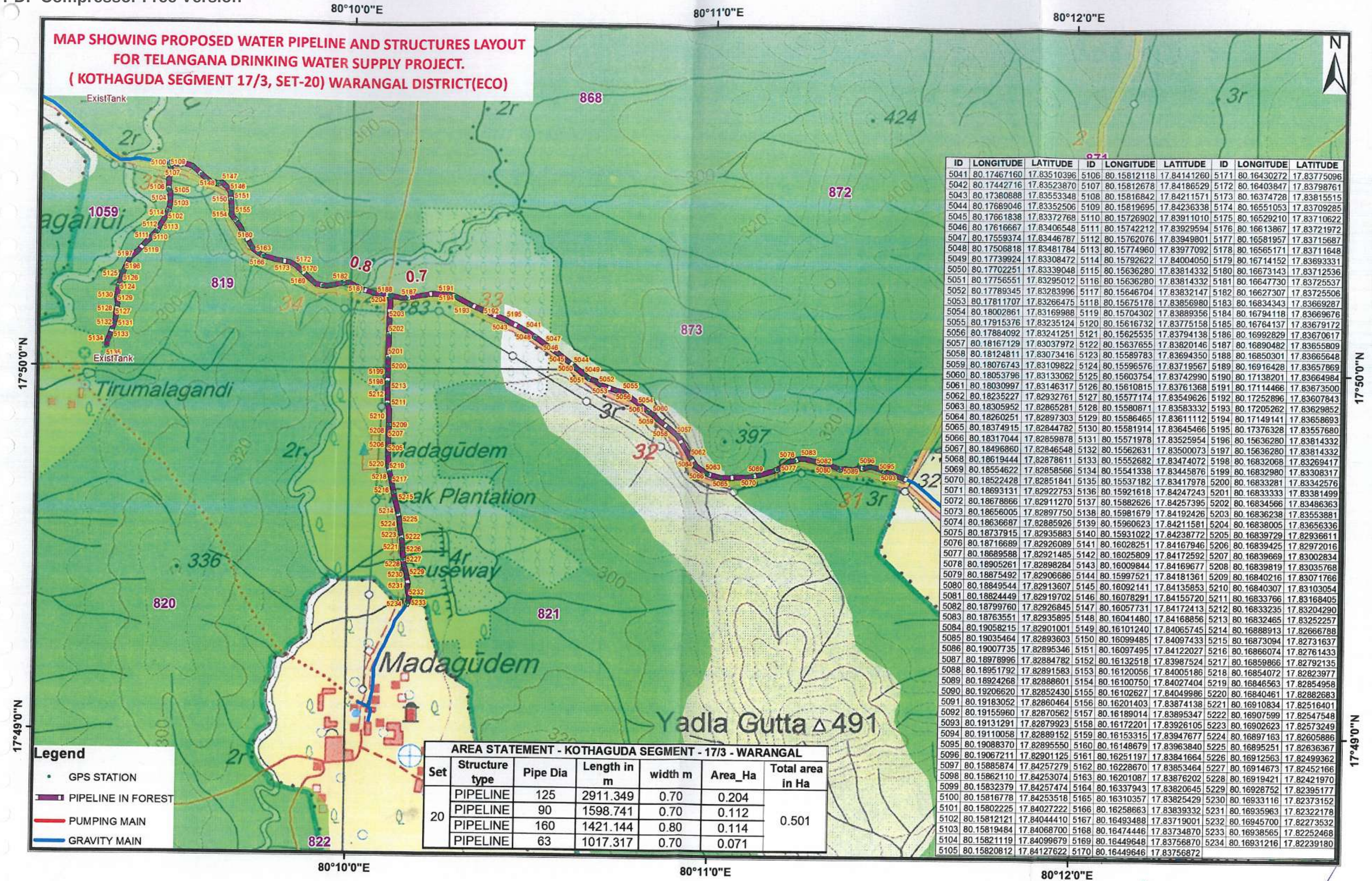
Geographic Coordinate System and WGS-84 Datum



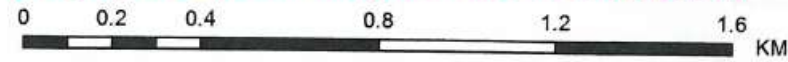
Superintending Engineer
TOWSP Circle, Warangal.

Chief Engineer
TOWSP Hyderabad.



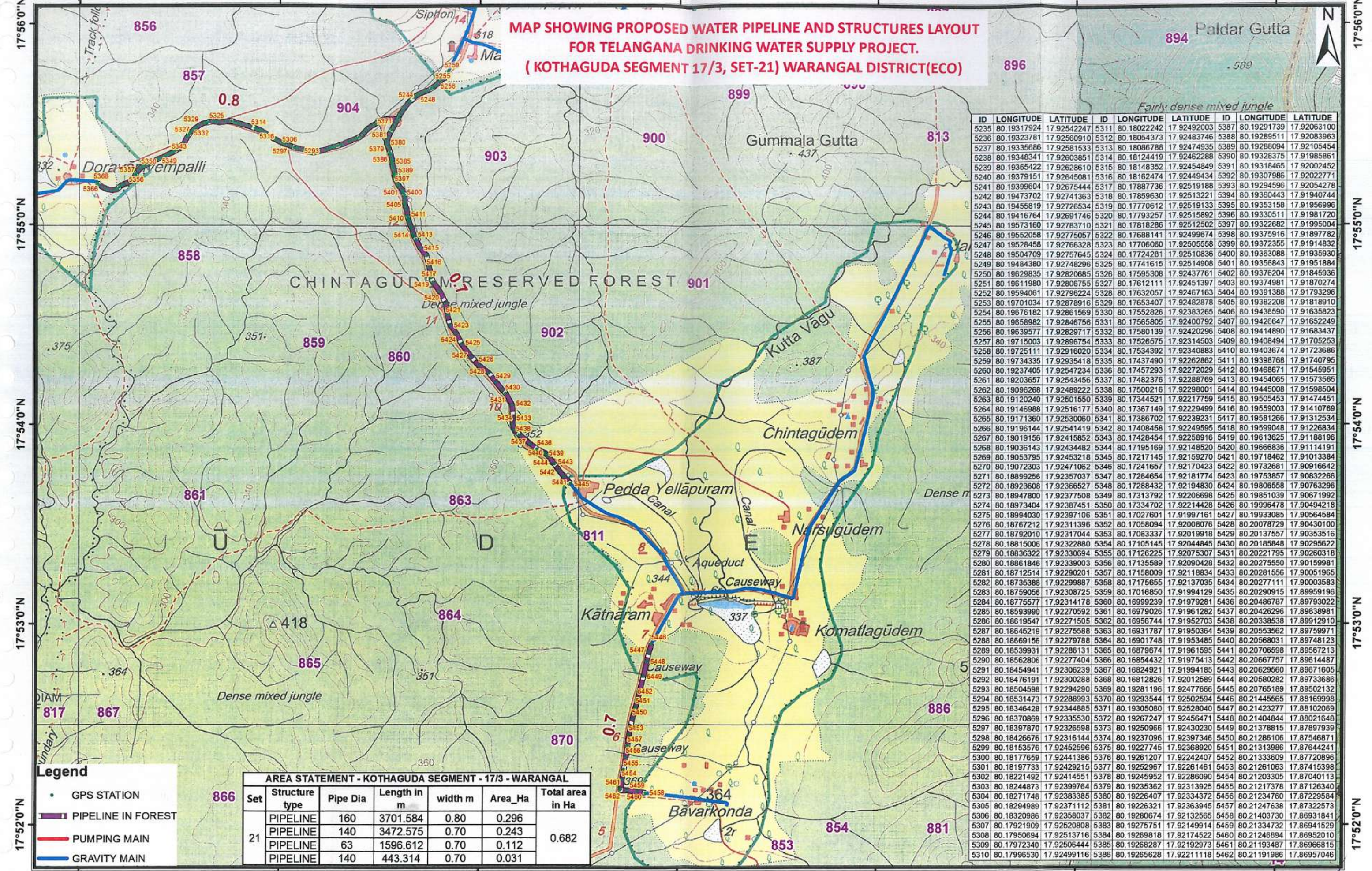


Geographic Coordinate System and WGS-84 Datum



Superintending Engineer
TDWSP Circle, Warangal,
Chief Engineer
TDWSP Hyderabad,

MAP SHOWING PROPOSED WATER PIPELINE AND STRUCTURES LAYOUT
FOR TELANGANA DRINKING WATER SUPPLY PROJECT.
(KOTHAGUDA SEGMENT 17/3, SET-21) WARANGAL DISTRICT(ECO)

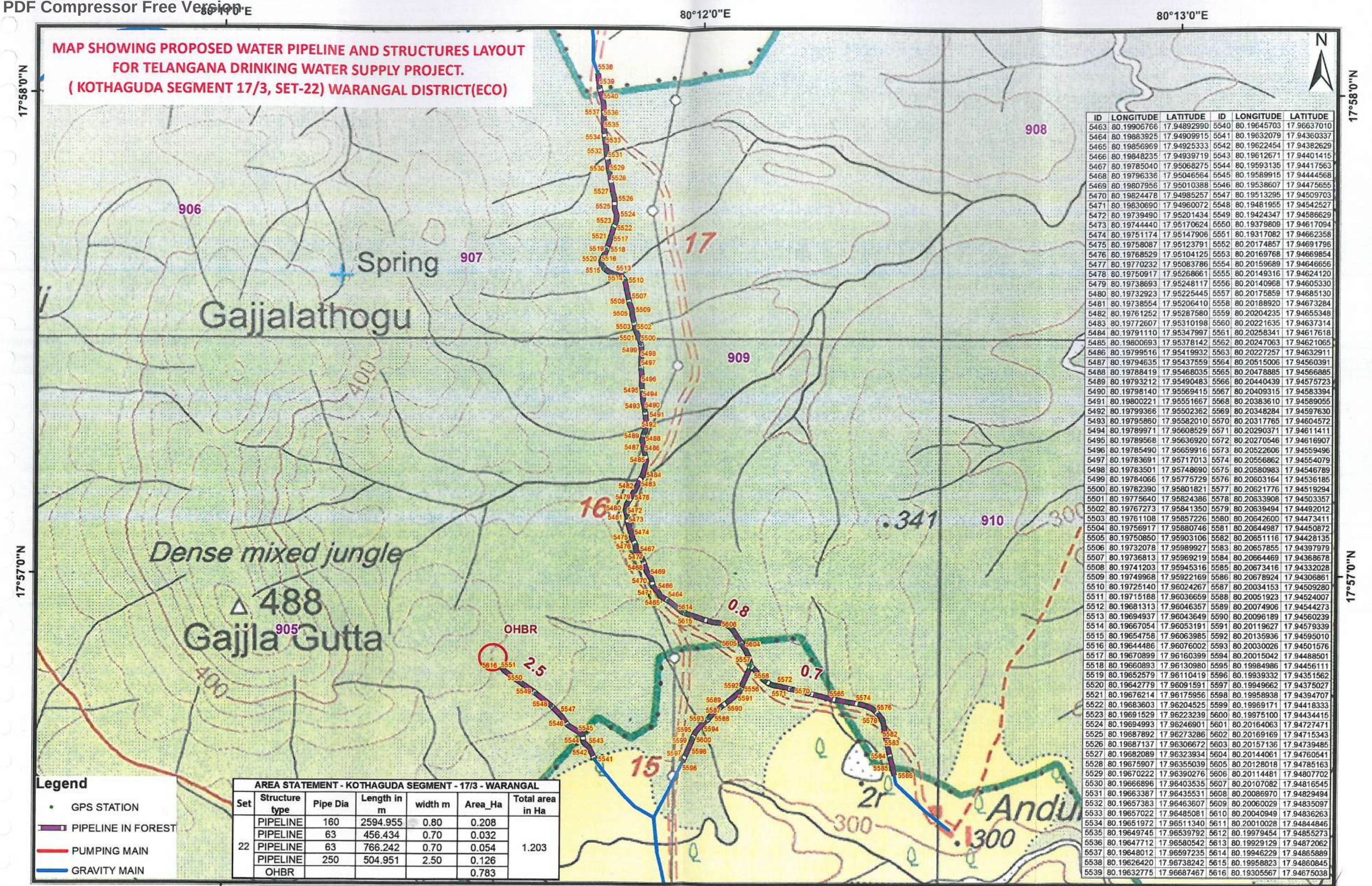


ID	LONGITUDE	LATITUDE	ID	LONGITUDE	LATITUDE	ID	LONGITUDE	LATITUDE
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5236	80.19323781	17.92560910	5312	80.18054373	17.92483746	5388	80.19289511	17.92083963
5237	80.19335686	17.92581533	5313	80.18086788	17.92474935	5389	80.19288094	17.92105454
5238	80.19348341	17.92603851	5314	80.18124419	17.92462288	5390	80.19328375	17.91985861
5239	80.19365422	17.92628610	5315	80.18148352	17.92454849	5391	80.19318465	17.92002452
5240	80.19379151	17.92645081	5316	80.18162474	17.92449434	5392	80.19307986	17.92022771
5241	80.19399604	17.92675444	5317	80.17887736	17.92519188	5393	80.19294596	17.92054278
5242	80.19473702	17.92741363	5318	80.17859630	17.92513221	5394	80.19360443	17.91940744
5243	80.19455819	17.92726534	5319	80.17770612	17.92519133	5395	80.19353158	17.91956996
5244	80.19416764	17.92691746	5320	80.17793257	17.92515892	5396	80.19330511	17.91981720
5245	80.19573160	17.92783710	5321	80.17818286	17.92512502	5397	80.19322682	17.91995004
5246	80.19552058	17.92775057	5322	80.17688141	17.92499674	5398	80.19375916	17.91897782
5247	80.19528458	17.92766328	5323	80.17706060	17.92505558	5399	80.19372355	17.91914832
5248	80.19504709	17.92757645	5324	80.17724281	17.92510836	5400	80.19363088	17.91935930
5249	80.19484380	17.92748296	5325	80.17741615	17.92514908	5401	80.19356843	17.91951884
5250	80.19629835	17.92820685	5326	80.17595308	17.92437761	5402	80.19376204	17.91845936
5251	80.19611980	17.92806755	5327	80.17612111	17.92451397	5403	80.19374981	17.91870274
5252	80.19594061	17.92796224	5328	80.17632057	17.92467163	5404	80.19391388	17.91793296
5253	80.19701034	17.92878916	5329	80.17653407	17.92482878	5405	80.19382208	17.91818910
5254	80.19676182	17.92861569	5330	80.17552826	17.92383265	5406	80.19436590	17.91635823
5255	80.19658982	17.92846756	5331	80.17565805	17.92400792	5407	80.19426647	17.91652249
5256	80.19639577	17.92829717	5332	80.17580139	17.92420296	5408	80.19414890	17.91683437
5257	80.19715003	17.92896754	5333	80.17526575	17.92314503	5409	80.19408494	17.91705253
5258	80.19725111	17.92916020	5334	80.17534392	17.92340883	5410	80.19403674	17.91723686
5259	80.19734335	17.92935418	5335	80.17437490	17.92262862	5411	80.19398768	17.91740795
5260	80.19237405	17.92547234	5336	80.17457293	17.92272029	5412	80.19468671	17.91545951
5261	80.19203657	17.92543456	5337	80.17482376	17.92288769	5413	80.19454065	17.91573565
5262	80.19096268	17.92489222	5338	80.17500216	17.92298001	5414	80.19445008	17.91595804
5263	80.19120240	17.92501550	5339	80.17344521	17.92217759	5415	80.19505453	17.91474451
5264	80.19146988	17.92516177	5340	80.17367149	17.92229499	5416	80.19559003	17.91410769
5265	80.19171360	17.92530060	5341	80.17386702	17.92239321	5417	80.19581266	17.91312534
5266	80.19196144	17.92541419	5342	80.17408458	17.92249595	5418	80.19599048	17.91226834
5267	80.19019156	17.92415852	5343	80.17428454	17.92258916	5419	80.19613625	17.91188196
5268	80.19036143	17.92434482	5344	80.17195169	17.92148520	5420	80.19668838	17.91114191
5269	80.19053795	17.92453218	5345	80.17217145	17.92159270	5421	80.19718462	17.91013384
5270	80.19072303	17.92471062	5346	80.17241657	17.92170423	5422	80.19732681	17.90916642
5271	80.18899256	17.92357037	5347	80.17264654	17.92181774	5423	80.19753857	17.90832266
5272	80.18923608	17.92366527	5348	80.17288432	17.92194830	5424	80.19806558	17.90763296
5273	80.18947800	17.92377508	5349	80.17313792	17.92206698	5425	80.19851039	17.90671992
5274	80.18973404	17.92387451	5350	80.17334702	17.92214428	5426	80.19996478	17.90494218
5275	80.18994030	17.92397106	5351	80.17027601	17.91997161	5427	80.19933085	17.90564584
5276	80.18767212	17.92311396	5352	80.17058094	17.92008076	5428	80.20078729	17.90430100
5277	80.18792010	17.92317044	5353	80.17083337	17.92019918	5429	80.20137557	17.90353516
5278	80.18815006	17.92322880	5354	80.17105145	17.92044845	5430	80.20185848	17.90295622
5279	80.18836322	17.92330694	5355	80.17126225	17.92075307	5431	80.20221795	17.90260318
5280	80.18861846	17.92339003	5356	80.17135589	17.92090428	5432	80.20275550	17.90159981
5281	80.18712514	17.92290201	5357	80.17158009	17.92118834	5433	80.20281556	17.90051965
5282	80.18735388	17.92299887	5358	80.17175655	17.92137035	5434	80.20277111	17.90003583
5283	80.18759056	17.92308725	5359	80.17016850	17.91994129	5435	80.20290915	17.89959196
5284	80.18775577	17.92314178	5360	80.16999239	17.91979281	5436	80.20486787	17.89793022
5285	80.18593990	17.92270592	5361	80.16979026	17.91961282	5437	80.20426296	17.89838981
5286	80.18619547	17.92271505	5362	80.16956744	17.91952703	5438	80.20338538	17.89912910
5287	80.18645219	17.92275588	5363	80.16931787	17.91950364	5439	80.20553562	17.89759971
5288	80.18669156	17.92279788	5364	80.16901748	17.91953485	5440	80.20568031	17.89748123
5289	80.18539931	17.92286131	5365	80.16879674	17.91961595	5441	80.20706598	17.89567213
5290	80.18562806	17.92277404	5366	80.16854432	17.91975413	5442	80.20667757	17.89614487
5291	80.18454941	17.92306239	5367	80.16824921	17.91994185	5443	80.20629560	17.89671605
5292	80.18476191	17.92300288	5368	80.16812826	17.92012589	5444	80.20580282	17.89733686
5293	80.18504598	17.92294290	5369	80.19281196	17.92477666	5445	80.20765189	17.89502132
5294	80.18531473	17.92288993	5370	80.19293544	17.92502594	5446	80.21445565	17.88169998
5295	80.18346428	17.92344885	5371	80.19305080	17.92528040	5447	80.21423277	17.88102069
5296	80.18370869	17.92335530	5372	80.19267247	17.92456471	5448	80.21404844	17.88021648
5297	80.18397870	17.92326598	5373	80.19250966	17.92430230	5449	80.21378815	17.87897939
5298	80.18426676	17.92316144	5374	80.19237096	17.92397346	5450	80.21286106	17.87546871
5299	80.18153576	17.92452596	5375	80.19227745	17.92368920	5451	80.21313986	17.87644241
5300	80.18177659	17.92441386	5376	80.19261207	17.92242407	5452	80.21333609	17.87720896
5301	80.18197733	17.92429215	5377	80.19252967	17.92261461	5453	80.21261063	17.87415398
5302	80.18221492	17.92414551	5378	80.19245952	17.92286090	5454	80.21203305	17.87040113
5303	80.18244873	17.92399764	5379	80.19235362	17.92313925	5455	80.21217378	17.87126340
5304	80.18271748	17.92383385	5380	80.19226407	17.92334372	5456	80.21234760	17.87229584
5305	80.18294989	17.92371112	5381	80.19226321	17.92363945	5457	80.21247638	17.87322573
5306	80.18320986	17.92358037	5382	80.19280674	17.92132565	5458	80.21403730	17.86931841
5307	80.17921909	17.92520808	5383	80.19275751	17.92149914	5459	80.21334732	17.86941529
5308	80.17950694	17.92513716	5384	80.19269818	17.92174522	5460	80.21246894	17.86952010
5309	80.17972340	17.92506444	5385	80.19268287	17.92192973	5461	80.21193487	17.86966815
5310	80.17996530	17.92499116	5386	80.19265628	17.92211118	5462	80.21191986	17.86957046

Legend

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

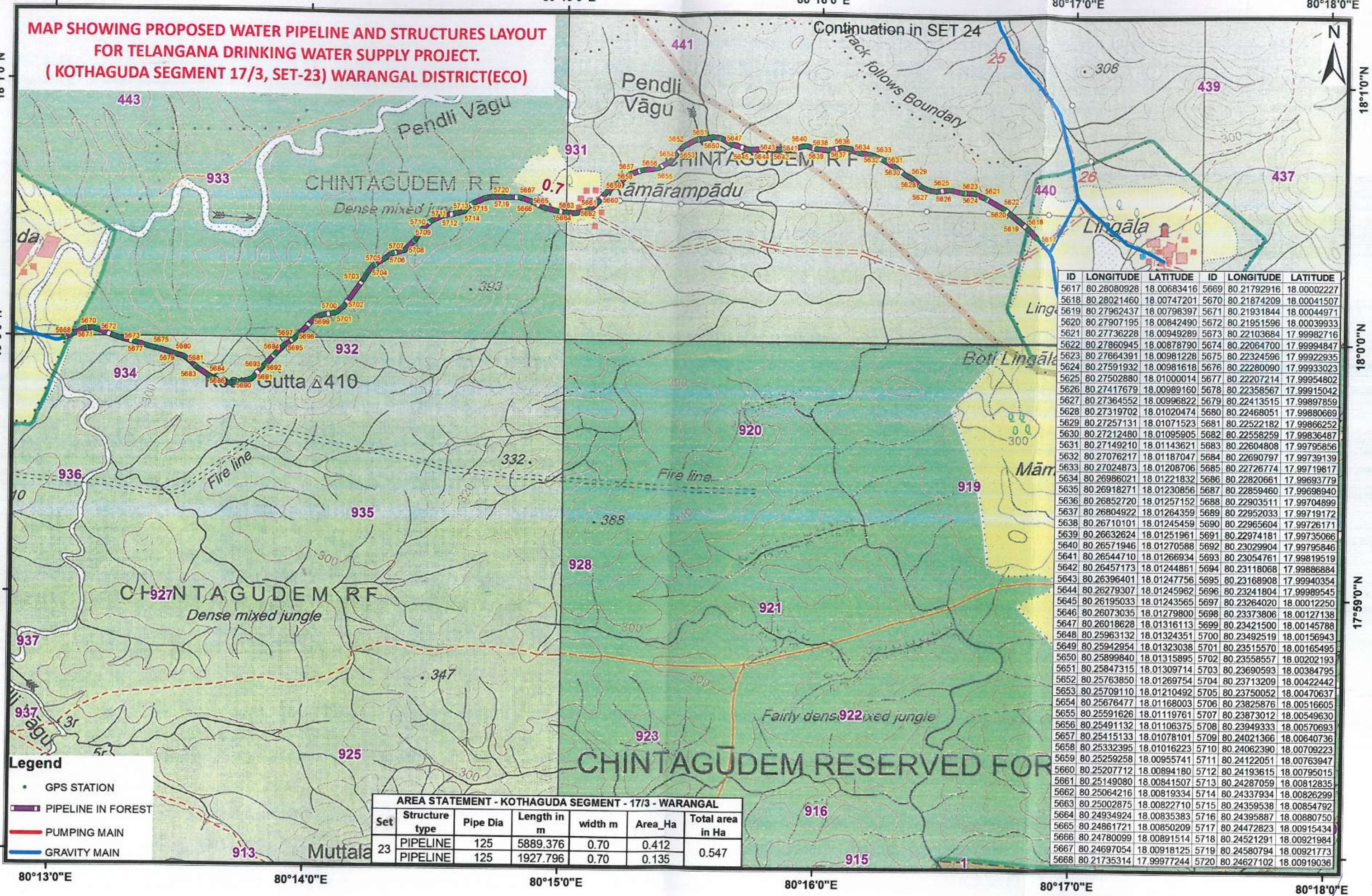
AREA STATEMENT - KOTHAGUDA SEGMENT - 17/3 - WARANGAL						
Set	Structure type	Pipe Dia	Length in m	width m	Area_Ha	Total area in Ha
21	PIPELINE	160	3701.584	0.80	0.296	0.682
	PIPELINE	140	3472.575	0.70	0.243	
	PIPELINE	63	1596.612	0.70	0.112	
	PIPELINE	140	443.314	0.70	0.031	



ID	LONGITUDE	LATITUDE	ID	LONGITUDE	LATITUDE
5463	80.19906766	17.94892990	5540	80.19645703	17.96637010
5464	80.19883925	17.94909915	5541	80.19632079	17.94360337
5465	80.19856969	17.94925333	5542	80.19622454	17.94382629
5466	80.19848235	17.94939719	5543	80.19612671	17.94401415
5467	80.19785040	17.95068275	5544	80.19593135	17.94417563
5468	80.19796336	17.95046564	5545	80.19589915	17.94444568
5469	80.19807956	17.95010388	5546	80.19538607	17.94475655
5470	80.19824478	17.94985257	5547	80.19513295	17.94509703
5471	80.19830690	17.94960072	5548	80.19481955	17.94542527
5472	80.19739490	17.95201434	5549	80.19424347	17.94586629
5473	80.19744440	17.95170624	5550	80.19379809	17.94617094
5474	80.19751174	17.95147906	5551	80.19317082	17.94662358
5475	80.19758087	17.95123791	5552	80.20174857	17.94691796
5476	80.19768529	17.95104125	5553	80.20169768	17.94669854
5477	80.19770232	17.95083786	5554	80.20159689	17.94646656
5478	80.19750917	17.95268661	5555	80.20149316	17.94624120
5479	80.19738693	17.95248117	5556	80.20140968	17.94605330
5480	80.19732923	17.95225445	5557	80.20175859	17.94685130
5481	80.19738554	17.95206410	5558	80.20188920	17.94673284
5482	80.19761252	17.95287580	5559	80.20204235	17.94655348
5483	80.19772607	17.95310198	5560	80.20221635	17.94637314
5484	80.19791110	17.95347997	5561	80.20258341	17.94617618
5485	80.19800693	17.95378142	5562	80.20247063	17.94621065
5486	80.19799516	17.95419932	5563	80.20227257	17.94632911
5487	80.19794635	17.95437559	5564	80.20515006	17.94560391
5488	80.19788419	17.95468035	5565	80.20478885	17.94566885
5489	80.19793212	17.95490483	5566	80.20440439	17.94575723
5490	80.19798140	17.95569415	5567	80.20409315	17.94583394
5491	80.19800221	17.95551667	5568	80.20383610	17.94589055
5492	80.19799366	17.95502362	5569	80.20348284	17.94597630
5493	80.19795860	17.95582010	5570	80.20317765	17.94604572
5494	80.19789971	17.95608529	5571	80.20290371	17.94611411
5495	80.19789568	17.95636920	5572	80.20270546	17.94616907
5496	80.19785490	17.95659916	5573	80.20522606	17.94559496
5497	80.19783691	17.95717013	5574	80.20556862	17.94554079
5498	80.19783501	17.95748690	5575	80.20580983	17.94546789
5499	80.19784066	17.95775729	5576	80.20603164	17.94536185
5500	80.19782390	17.95801821	5577	80.20621776	17.94519294
5501	80.19775640	17.95824386	5578	80.20633908	17.94503357
5502	80.19767273	17.95841350	5579	80.20639494	17.94492012
5503	80.19761108	17.95857226	5580	80.20642600	17.94473411
5504	80.19756917	17.95880746	5581	80.20644987	17.94450872
5505	80.19750850	17.95903106	5582	80.20651116	17.94428135
5506	80.19732078	17.95989927	5583	80.20657855	17.94397979
5507	80.19736813	17.95969219	5584	80.20664469	17.94368678
5508	80.19741203	17.95945316	5585	80.20673416	17.94332028
5509	80.19749968	17.95922169	5586	80.20678924	17.94306861
5510	80.19725140	17.96024267	5587	80.20034153	17.94509280
5511	80.19715188	17.96036659	5588	80.20051923	17.94524007
5512	80.19681313	17.96046357	5589	80.20074906	17.94544273
5513	80.19694937	17.96043649	5590	80.20096189	17.94560239
5514	80.19667054	17.96053191	5591	80.20119627	17.94579339
5515	80.19654758	17.96063985	5592	80.20135936	17.94595010
5516	80.19644486	17.96076002	5593	80.20030026	17.94501576
5517	80.19670899	17.96160399	5594	80.20015042	17.94488501
5518	80.19660893	17.96130980	5595	80.19984986	17.94456111
5519	80.19652579	17.96110419	5596	80.19939332	17.94351562
5520	80.19642779	17.96091591	5597	80.19949662	17.94375027
5521	80.19676214	17.96175956	5598	80.19958938	17.94394707
5522	80.19683603	17.96204525	5599	80.19969171	17.94418333
5523	80.19691529	17.96223239	5600	80.19975100	17.94434415
5524	80.19694993	17.96246901	5601	80.20164063	17.94727471
5525	80.19687892	17.96273286	5602	80.20169169	17.94715343
5526	80.19687137	17.96306672	5603	80.20157136	17.94739485
5527	80.19682089	17.96323934	5604	80.20144061	17.94760541
5528	80.19675907	17.96355039	5605	80.20128018	17.94785163
5529	80.19670222	17.96390276	5606	80.20114481	17.94807702
5530	80.19666896	17.96403535	5607	80.20107082	17.94816545
5531	80.19663387	17.96435531	5608	80.20088970	17.94829494
5532	80.19657383	17.96463607	5609	80.20060029	17.94835097
5533	80.19657022	17.96485081	5610	80.20040949	17.94836263
5534	80.19651972	17.96511340	5611	80.20010028	17.94844846
5535	80.19649745	17.96539792	5612	80.19979454	17.94855273
5536	80.19647712	17.96580542	5613	80.19929129	17.94872062
5537	80.19648012	17.96597235	5614	80.19946229	17.94865889
5538	80.19626420	17.96738242	5615	80.19958823	17.94860845
5539	80.19632775	17.96687467	5616	80.19305567	17.94675038

Superintending Engineer
TDWSP Circle, Warangal,
Chief Engineer
TDWSP Hyderabad,

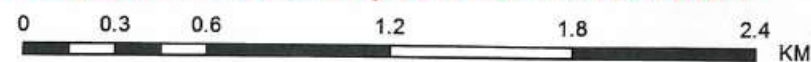
**MAP SHOWING PROPOSED WATER PIPELINE AND STRUCTURES LAYOUT
FOR TELANGANA DRINKING WATER SUPPLY PROJECT.
(KOTHAGUDA SEGMENT 17/3, SET-23) WARANGAL DISTRICT(ECO)**



ID	LONGITUDE	LATITUDE	ID	LONGITUDE	LATITUDE
5617	80.28080928	18.00683426	5669	80.21792916	18.00002227
5618	80.28021460	18.00747201	5670	80.21874209	18.00041507
5619	80.27962437	18.00798397	5671	80.21931844	18.00044971
5620	80.27907195	18.00842490	5672	80.21951596	18.00039933
5621	80.27736228	18.00949289	5673	80.22103684	17.99982716
5622	80.27860945	18.00878790	5674	80.22064700	17.99994847
5623	80.27664391	18.00981228	5675	80.2234596	17.99929335
5624	80.27591932	18.00981618	5676	80.22280090	17.99933023
5625	80.27502880	18.01000014	5677	80.22027214	17.9995480
5626	80.27417679	18.00989160	5678	80.22358567	17.99915042
5627	80.27364552	18.00996822	5679	80.22413515	17.99897859
5628	80.27319702	18.01020474	5680	80.22468051	17.99880669
5629	80.27257131	18.01071523	5681	80.2252182	17.99866252
5630	80.27212480	18.01095905	5682	80.22558259	17.99836487
5631	80.27149210	18.01143621	5683	80.22604808	17.99795856
5632	80.27076217	18.01187047	5684	80.22690797	17.99739139
5633	80.27024873	18.01208706	5685	80.22726774	17.99719817
5634	80.26986021	18.01221832	5686	80.22820661	17.99693779
5635	80.26918271	18.01230856	5687	80.22859460	17.99698940
5636	80.26852720	18.01257152	5688	80.22903511	17.99704899
5637	80.26804922	18.01264359	5689	80.22952033	17.99719172
5638	80.26710101	18.01245459	5690	80.22965604	17.99726171
5639	80.26632624	18.01251961	5691	80.22974181	17.99735066
5640	80.26571946	18.01270588	5692	80.23029904	17.99795846
5641	80.26544710	18.01266934	5693	80.23054761	17.99819519
5642	80.26457173	18.01244861	5694	80.23118068	17.99868884
5643	80.26396401	18.01247756	5695	80.23166908	17.99940354
5644	80.26279307	18.01245962	5696	80.23241804	17.99989545
5645	80.26195033	18.01243565	5697	80.23264020	18.00012250
5646	80.26073035	18.01279800	5698	80.23373806	18.00127138
5647	80.26018628	18.01316113	5699	80.23421500	18.00145788
5648	80.25963132	18.01324351	5700	80.23492519	18.00156943
5649	80.25942954	18.01323038	5701	80.23515570	18.00165495
5650	80.25899840	18.01315895	5702	80.23558557	18.00202193
5651	80.25847315	18.01309714	5703	80.23690593	18.00384795
5652	80.25763850	18.01269754	5704	80.23713209	18.00422442
5653	80.25709110	18.01210492	5705	80.23750052	18.00470637
5654	80.25676477	18.01168003	5706	80.23825876	18.00516605
5655	80.25591626	18.01119761	5707	80.23873012	18.00549630
5656	80.25491132	18.01106375	5708	80.23949333	18.00570693
5657	80.25415133	18.01078101	5709	80.24021366	18.00640736
5658	80.25332395	18.01016223	5710	80.24062390	18.00709223
5659	80.25259258	18.00955741	5711	80.24122051	18.00763947
5660	80.25207712	18.00894180	5712	80.24193615	18.00795015
5661	80.25149080	18.00841507	5713	80.24287059	18.00812835
5662	80.25064216	18.00819334	5714	80.24337934	18.00826299
5663	80.25002875	18.00822710	5715	80.24359538	18.00854792
5664	80.24934924	18.00835383	5716	80.24395887	18.00880750
5665	80.24861721	18.00850209	5717	80.24472823	18.00915434
5666	80.24780099	18.00891514	5718	80.24521291	18.00921984
5667	80.24697054	18.00918125	5719	80.24580794	18.00921773
5668	80.21735314	17.99977244	5720	80.24627102	18.00919036

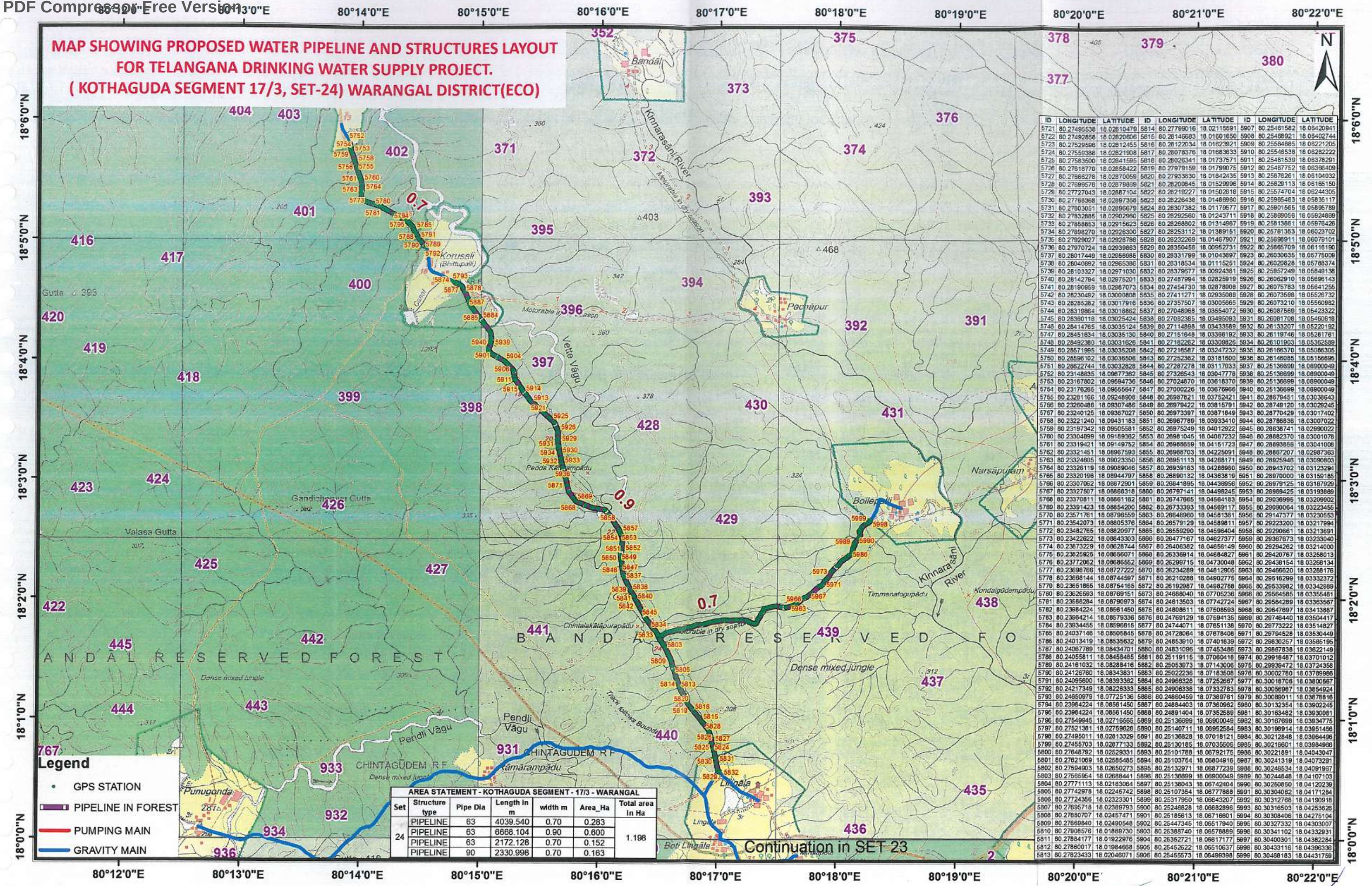
AREA STATEMENT - KOTHAGUDA SEGMENT - 17/3 - WARANGAL						
Set	Structure type	Pipe Dia	Length in m	width m	Area_Ha	Total area in Ha
23	PIPELINE	125	5889.376	0.70	0.412	0.547
	PIPELINE	125	1927.796	0.70	0.135	

Geographic Coordinate System and WGS-84 Datum

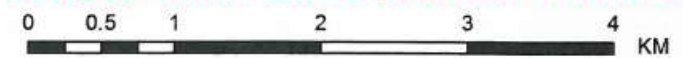


Superintending Engineer
TDWSP Circle, Warangal.

Chief Engineer



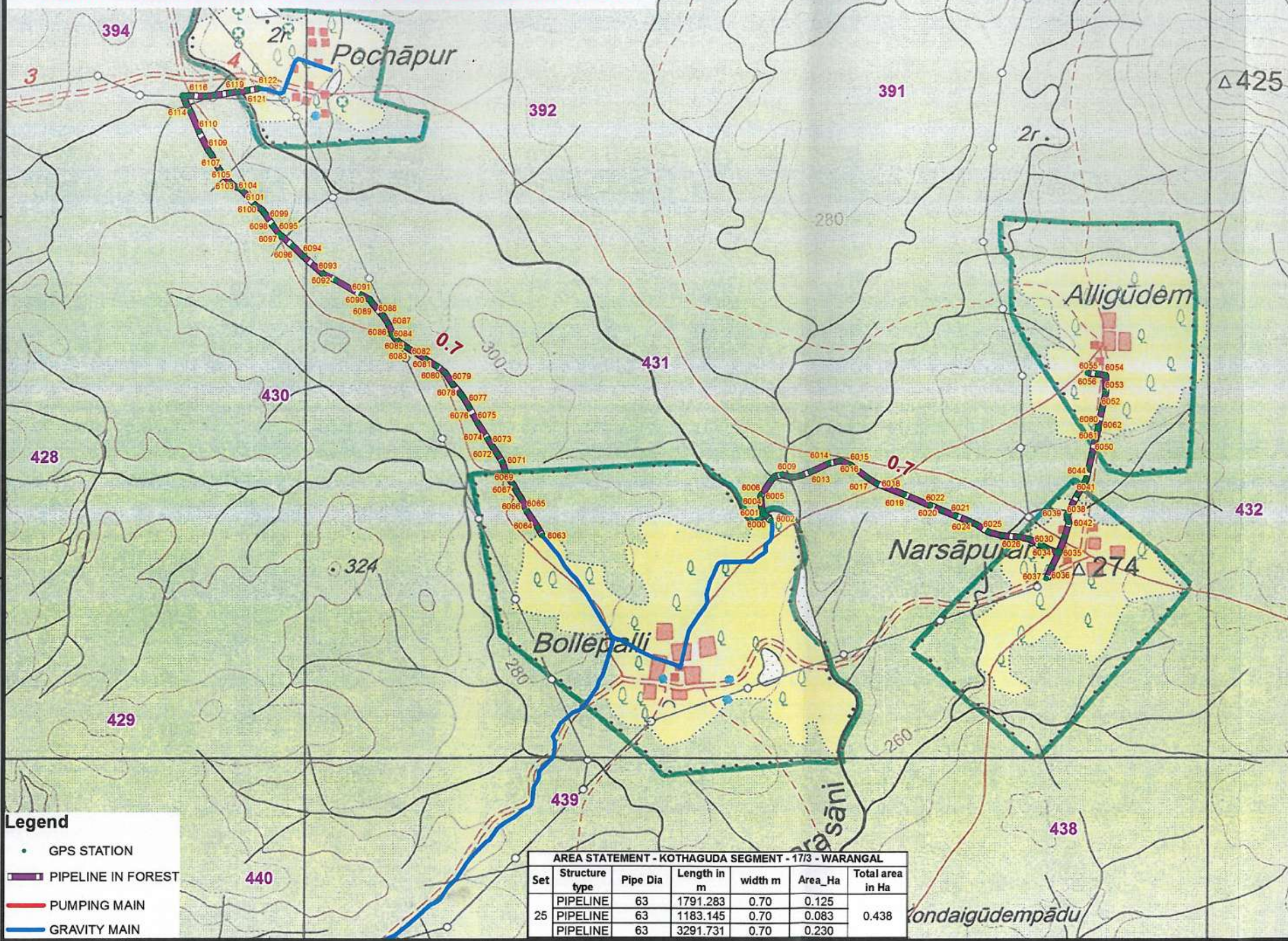
Geographic Coordinate System and WGS-84 Datum



Superintending Engineer
TDWSP Circle, Warangal.

Chief Engineer
TDWSP Hyderabad.

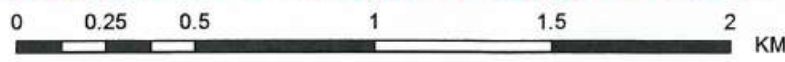
MAP SHOWING PROPOSED WATER PIPELINE AND STRUCTURES LAYOUT
FOR TELANGANA DRINKING WATER SUPPLY PROJECT.
(KOTHAGUDA SEGMENT 17/3, SET-25) WARANGAL DISTRICT(ECO)



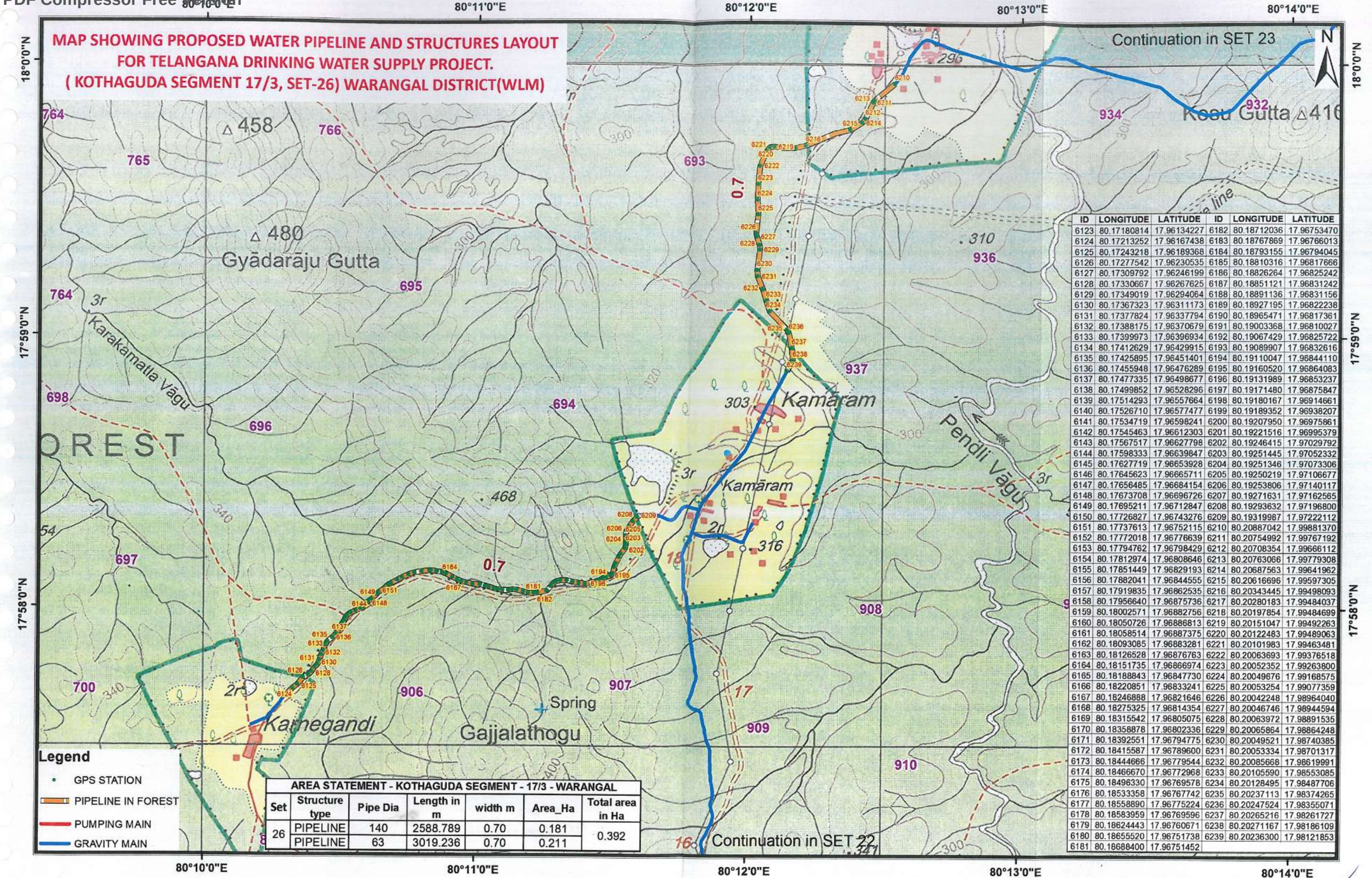
ID	LONGITUDE	LATITUDE	ID	LONGITUDE	LATITUDE
6000	80.31288531	18.05289197	6062	80.32823468	18.05698452
6001	80.31281906	18.05293640	6063	80.30257062	18.05196888
6002	80.31311374	18.05265364	6064	80.30236772	18.05232313
6003	80.31273795	18.05298980	6065	80.30186616	18.05306715
6004	80.31268868	18.05318849	6066	80.30157631	18.05370699
6005	80.31262145	18.05370135	6067	80.30139693	18.05399575
6006	80.31263261	18.05382455	6068	80.30092764	18.05472058
6007	80.31308727	18.05453718	6069	80.30123583	18.05429837
6008	80.31327714	18.05473658	6070	80.30084336	18.05492459
6009	80.31362617	18.05479887	6071	80.30071044	18.05536523
6010	80.31394182	18.05469753	6072	80.30049981	18.05574303
6011	80.31421715	18.05469660	6073	80.30028000	18.05605473
6012	80.31448278	18.05476822	6074	80.30006844	18.05642540
6013	80.31503389	18.05496856	6075	80.29959733	18.05715677
6014	80.31580732	18.05532628	6076	80.29917769	18.05790735
6015	80.31682579	18.05524099	6077	80.29892799	18.05834520
6016	80.31636110	18.05545351	6078	80.29882285	18.05848434
6017	80.31764623	18.05462940	6079	80.29842934	18.05896118
6018	80.31803710	18.05439085	6080	80.29808362	18.05948912
6019	80.31931436	18.05388471	6081	80.29769295	18.05980840
6020	80.32108921	18.05313100	6082	80.29719438	18.06012489
6021	80.32170761	18.05289420	6083	80.29634563	18.06065784
6022	80.32053891	18.05335205	6084	80.29592855	18.06093691
6023	80.32233871	18.05262954	6085	80.29572182	18.06113961
6024	80.32264397	18.05249202	6086	80.29563182	18.06128805
6025	80.32319420	18.05212996	6087	80.29542082	18.06180008
6026	80.32383569	18.05196271	6088	80.29522057	18.06211707
6027	80.32463059	18.05191604	6089	80.29469717	18.06273253
6028	80.32506098	18.05182383	6090	80.29459834	18.06287847
6029	80.32559621	18.05153099	6091	80.29422947	18.06308755
6030	80.32576579	18.05143965	6092	80.29303599	18.06376038
6031	80.32600208	18.05133704	6093	80.29244675	18.06404666
6032	80.32644096	18.05120680	6094	80.29153570	18.06484676
6033	80.32644688	18.05124849	6095	80.29042179	18.06586986
6034	80.32634631	18.05118711	6096	80.29105089	18.06531037
6035	80.32640052	18.05117058	6097	80.29057319	18.06574105
6036	80.32611326	18.05051553	6098	80.29014555	18.06622456
6037	80.32589026	18.04997376	6099	80.28974381	18.06680176
6038	80.32682063	18.05281759	6100	80.28959470	18.06699335
6039	80.32680316	18.05290039	6101	80.28929795	18.06717955
6040	80.32667857	18.05189720	6102	80.28871455	18.06784536
6041	80.32727362	18.05383573	6103	80.28856714	18.06796867
6042	80.32690338	18.05256498	6104	80.28828147	18.06809462
6043	80.32761529	18.05440940	6105	80.28814486	18.06821249
6044	80.32770220	18.05459807	6106	80.28750494	18.06900723
6045	80.32823468	18.05698452	6107	80.28768189	18.06874702
6046	80.32821687	18.05689098	6108	80.28728700	18.06946599
6047	80.32778481	18.05509025	6109	80.28714118	18.06966058
6048	80.32792804	18.05568320	6110	80.28670258	18.07052736
6049	80.32821687	18.05689097	6111	80.28629370	18.07148045
6050	80.32810074	18.05647115	6112	80.28594778	18.07219879
6051	80.32823469	18.05698457	6113	80.28603421	18.07218170
6052	80.32838516	18.05779343	6114	80.28610387	18.07183090
6053	80.32856692	18.05856356	6115	80.28599409	18.07211375
6054	80.32856311	18.05938054	6116	80.28626697	18.07220278
6055	80.32822726	18.05945174	6117	80.28698316	18.07217435
6056	80.32774157	18.05949201	6118	80.28737695	18.07221753
6057	80.32821687	18.05689098	6119	80.28813522	18.07233472
6058	80.32821687	18.05689098	6120	80.28849734	18.07238399
6059	80.32823468	18.05698452	6121	80.28893787	18.07244264
6060	80.32823468	18.05698452	6122	80.28945543	18.07252993
6061	80.32823468	18.05698452			

AREA STATEMENT - KOTHAGUDA SEGMENT - 17/3 - WARANGAL						
Set	Structure type	Pipe Dia	Length in m	width m	Area_Ha	Total area in Ha
25	PIPELINE	63	1791.283	0.70	0.125	0.438
	PIPELINE	63	1183.145	0.70	0.083	
	PIPELINE	63	3291.731	0.70	0.230	

Geographic Coordinate System and WGS-84 Datum



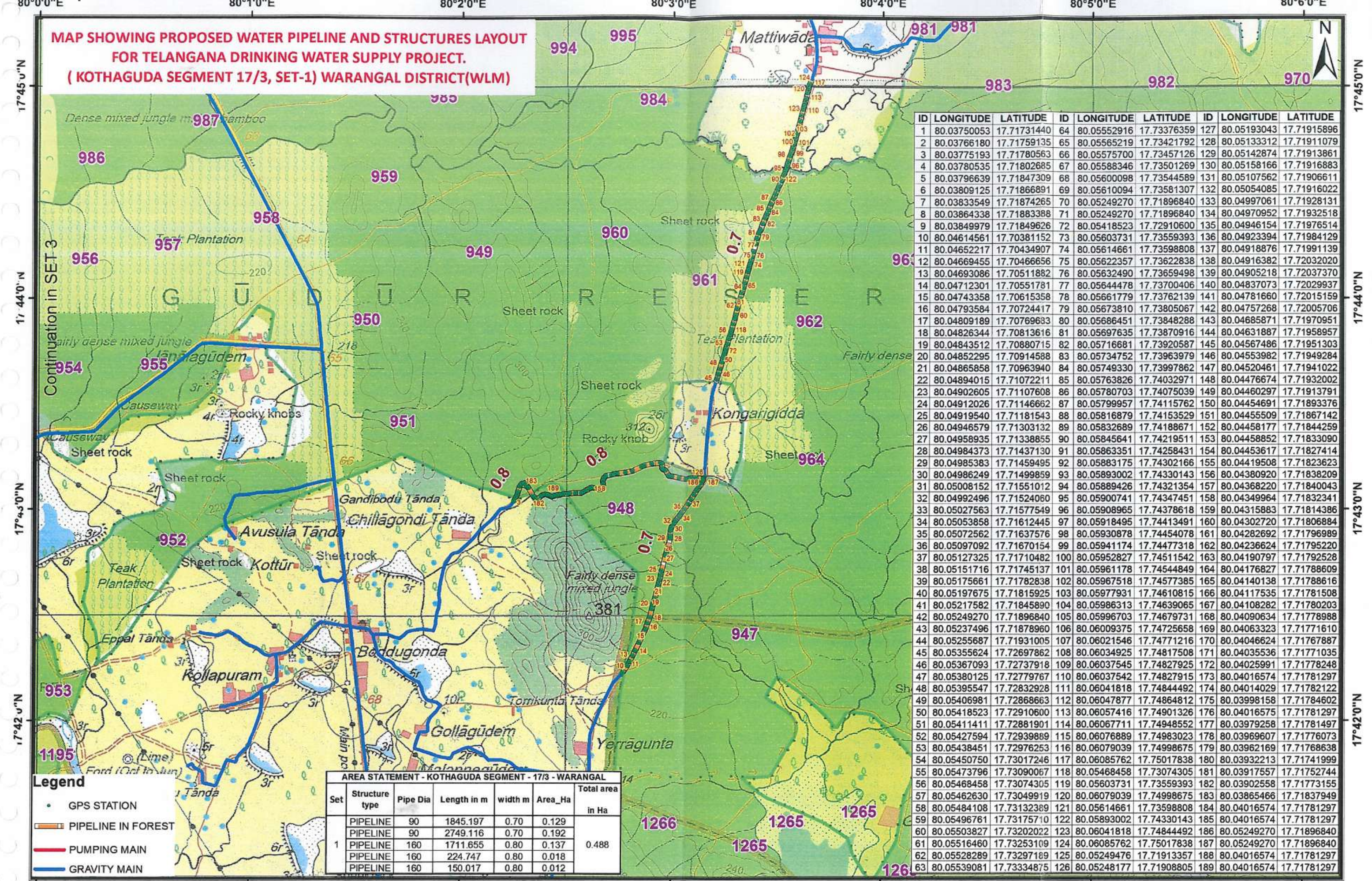
Superintending Engineer
TDWSP Circle, Warangal
Chief Engineer
TDWSP Hyderabad



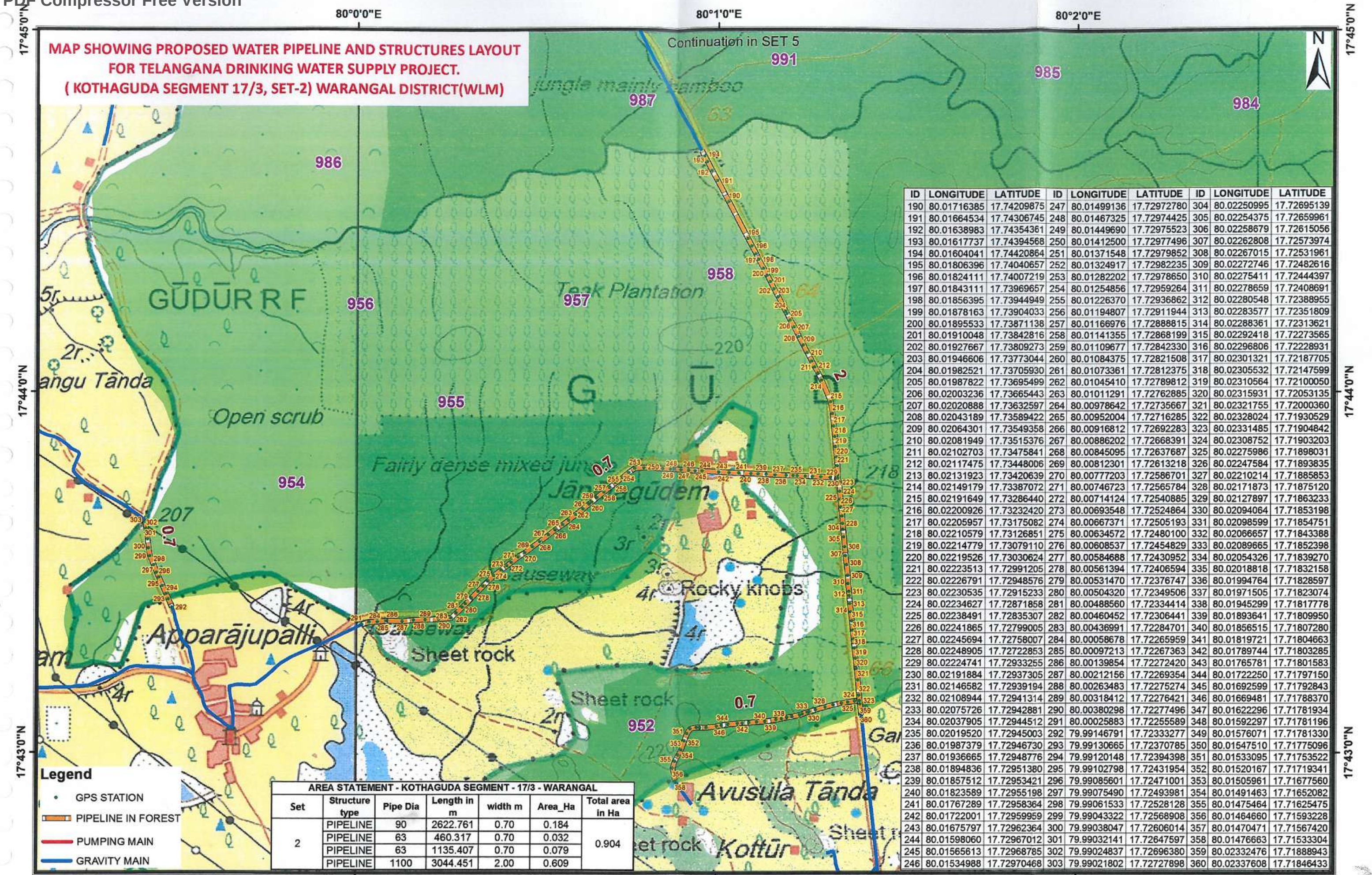
- Legend**
- GPS STATION
 - PIPELINE IN FOREST
 - PUMPING MAIN
 - GRAVITY MAIN

AREA STATEMENT - KOTHAGUDA SEGMENT - 17/3 - WARANGAL						
Set	Structure type	Pipe Dia	Length in m	width m	Area_Ha	Total area in Ha
26	PIPELINE	140	2588.789	0.70	0.181	0.392
	PIPELINE	63	3019.236	0.70	0.211	

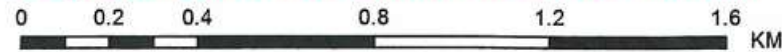
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6124	80.17213252	17.96167438	6183	80.18767869	17.96766013
6125	80.17243218	17.96189368	6184	80.18793155	17.96794045
6126	80.17277542	17.96230535	6185	80.18810316	17.96817666
6127	80.17309792	17.96246199	6186	80.18826264	17.96825242
6128	80.17330667	17.96267625	6187	80.18851121	17.96831242
6129	80.17349019	17.96294064	6188	80.18891136	17.96831156
6130	80.17367323	17.96311173	6189	80.18927195	17.96822238
6131	80.17377824	17.96337794	6190	80.18965471	17.96817361
6132	80.17388175	17.96370679	6191	80.19003368	17.96810027
6133	80.17399973	17.96396934	6192	80.19067429	17.96825722
6134	80.17412629	17.96429915	6193	80.19089907	17.96832616
6135	80.17425895	17.96451401	6194	80.19110047	17.96844110
6136	80.17455948	17.96476289	6195	80.19160520	17.96864083
6137	80.17477335	17.96498677	6196	80.19131989	17.96853237
6138	80.17499852	17.96528296	6197	80.19171480	17.96875847
6139	80.17514293	17.96557664	6198	80.19180167	17.96914661
6140	80.17526710	17.96577477	6199	80.19189352	17.96938207
6141	80.17534719	17.96598241	6200	80.19207950	17.96975861
6142	80.17545463	17.96612303	6201	80.19221516	17.96995379
6143	80.17567517	17.96627798	6202	80.19246415	17.97029792
6144	80.17598333	17.96639847	6203	80.19251445	17.97052332
6145	80.17627719	17.96653928	6204	80.19251346	17.97073306
6146	80.17645623	17.96665711	6205	80.19250219	17.97106677
6147	80.17656485	17.96684154	6206	80.19253806	17.97140117
6148	80.17673708	17.96696726	6207	80.19271631	17.97162565
6149	80.17695211	17.96712847	6208	80.19293632	17.97196800
6150	80.17726827	17.96743276	6209	80.19319987	17.97222112
6151	80.17737613	17.96752115	6210	80.20887042	17.99881370
6152	80.17772018	17.96776639	6211	80.20754992	17.99767192
6153	80.17794762	17.96798429	6212	80.20708354	17.99666112
6154	80.17812974	17.96808646	6213	80.20763066	17.99779308
6155	80.17851449	17.96829193	6214	80.20687563	17.99641962
6156	80.17882041	17.96844555	6215	80.20616696	17.99597305
6157	80.17919835	17.96862535	6216	80.20343445	17.99498093
6158	80.17956640	17.96875736	6217	80.20280183	17.99484037
6159	80.18002571	17.96882756	6218	80.20197854	17.99484699
6160	80.18050726	17.96886813	6219	80.20151047	17.99492263
6161	80.18058514	17.96887375	6220	80.20122483	17.99489063
6162	80.18093085	17.96883281	6221	80.20101983	17.99463481
6163	80.18126528	17.96876763	6222	80.20063693	17.99376518
6164	80.18151735	17.96866974	6223	80.20052352	17.99263800
6165	80.18188843	17.96847730	6224	80.20049676	17.99168575
6166	80.18220851	17.96833241	6225	80.20053254	17.99077359
6167	80.18246888	17.96821646	6226	80.20042248	17.98964040
6168	80.18275325	17.96814354	6227	80.20046746	17.98944594
6169	80.18315542	17.96805075	6228	80.20063972	17.98891535
6170	80.18358878	17.96802336	6229	80.20065864	17.98864248
6171	80.18392551	17.96794775	6230	80.20049521	17.98740385
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6173	80.18444666	17.96779544	6232	80.20085668	17.98619991
6174	80.18466670	17.96772968	6233	80.20105590	17.98553085
6175	80.18496330	17.96769578	6234	80.20128495	17.98487706
6176	80.18533358	17.96767742	6235	80.20237113	17.98374265
6177	80.18558890	17.96775224	6236	80.20247524	17.98355071
6178	80.18583959	17.96769596	6237	80.20265216	17.98261727
6179	80.18624443	17.96760671	6238	80.20271167	17.98186109
6180	80.18655520	17.96751738	6239	80.20236300	17.98121853
6181	80.18688400	17.96751452			



ID	LONGITUDE	LATITUDE	ID	LONGITUDE	LATITUDE	ID	LONGITUDE	LATITUDE
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2	80.03766180	17.71759135	65	80.05565219	17.73421792	128	80.05133312	17.71911079
3	80.03775193	17.71780563	66	80.05575700	17.73457126	129	80.05142874	17.71913861
4	80.03780535	17.71802685	67	80.05588346	17.73501269	130	80.05158166	17.71916883
5	80.03796639	17.71847309	68	80.05600098	17.73544589	131	80.05107562	17.71906611
6	80.03809125	17.71866891	69	80.05610094	17.73581307	132	80.05054085	17.71916022
7	80.03833549	17.71874265	70	80.05249270	17.71896840	133	80.04997061	17.71928131
8	80.03864338	17.71883388	71	80.05249270	17.71896840	134	80.04970952	17.71932518
9	80.03849979	17.71849626	72	80.05418523	17.72910600	135	80.04946154	17.71976514
10	80.04614561	17.70381152	73	80.05603731	17.73559393	136	80.04923394	17.71984129
11	80.04652217	17.70434907	74	80.05614661	17.73598808	137	80.04918876	17.71991139
12	80.04669455	17.70466656	75	80.05622357	17.73622838	138	80.04916382	17.72032020
13	80.04693086	17.70511882	76	80.05632490	17.73659498	139	80.04905218	17.72037370
14	80.04712301	17.70551781	77	80.05644478	17.73700406	140	80.04837073	17.72029937
15	80.04743358	17.70615358	78	80.05661779	17.73762139	141	80.04781660	17.72015159
16	80.04793584	17.70724417	79	80.05673810	17.73805067	142	80.04757268	17.72005706
17	80.04809189	17.70769683	80	80.05686451	17.73848288	143	80.04685871	17.71970951
18	80.04826344	17.70813616	81	80.05697635	17.73870916	144	80.04631887	17.71958957
19	80.04843512	17.70880715	82	80.05716681	17.73920587	145	80.04567486	17.71951303
20	80.04852295	17.70914588	83	80.05734752	17.73963979	146	80.04553982	17.71949284
21	80.04865858	17.70963940	84	80.05749330	17.73997862	147	80.04520461	17.71941022
22	80.04894015	17.71072211	85	80.05763826	17.74032971	148	80.04476674	17.71932002
23	80.04902605	17.71107608	86	80.05780703	17.74075039	149	80.04460297	17.71913791
24	80.04912026	17.71146662	87	80.05799957	17.74115762	150	80.04454691	17.71893376
25	80.04919540	17.71181543	88	80.05816879	17.74153529	151	80.04455509	17.71867142
26	80.04946579	17.71303132	89	80.05832689	17.74188671	152	80.04458177	17.71844259
27	80.04958935	17.71338855	90	80.05845641	17.74219511	153	80.04458852	17.71833090
28	80.04984373	17.71437130	91	80.05863351	17.74258431	154	80.04453617	17.71827414
29	80.04985383	17.71459495	92	80.05883175	17.74302166	155	80.04419508	17.71823623
30	80.04986249	17.71499859	93	80.05893002	17.74330143	156	80.04380920	17.71838209
31	80.05008152	17.71551012	94	80.05889426	17.74321354	157	80.04368220	17.71840043
32	80.04992496	17.71524060	95	80.05900741	17.74347451	158	80.04349964	17.71832341
33	80.05027563	17.71577549	96	80.05908965	17.74378618	159	80.04315883	17.71814386
34	80.05053858	17.71612445	97	80.05918495	17.74413491	160	80.04302720	17.71806884
35	80.05072562	17.71637576	98	80.05930878	17.74454078	161	80.04282692	17.71796989
36	80.05097092	17.71670154	99	80.05941174	17.74477318	162	80.04236624	17.71795220
37	80.05127325	17.71710482	100	80.05952827	17.74511542	163	80.04190797	17.71792528
38	80.05151716	17.71745137	101	80.05961178	17.74544849	164	80.04176827	17.71788609
39	80.05175661	17.71782838	102	80.05967518	17.74577385	165	80.04140138	17.71788616
40	80.05197675	17.71815925	103	80.05977931	17.74610815	166	80.04117535	17.71781508
41	80.05217582	17.71845890	104	80.05986313	17.74639065	167	80.04108282	17.71780203
42	80.05249270	17.71896840	105	80.05996703	17.74679731	168	80.04090634	17.71778988
43	80.05237496	17.71878960	106	80.06009375	17.74725658	169	80.04063323	17.71771610
44	80.05255687	17.71931005	107	80.06021546	17.74771216	170	80.04046624	17.71767887
45	80.05355624	17.72697862	108	80.06034925	17.74817508	171	80.04035536	17.71771035
46	80.05367093	17.72737918	109	80.06037545	17.74827925	172	80.04025991	17.71778248
47	80.05380125	17.72779767	110	80.06037542	17.74827915	173	80.04016574	17.71781297
48	80.05395547	17.72832928	111	80.06041818	17.74844492	174	80.04014029	17.71782122
49	80.05406981	17.72868663	112	80.06047877	17.74864812	175	80.03998158	17.71784602
50	80.05418523	17.72910600	113	80.06057416	17.74901326	176	80.04016575	17.71781297
51	80.05411411	17.72881901	114	80.06067711	17.74948552	177	80.03979258	17.71781497
52	80.05427594	17.72939889	115	80.06076889	17.74983023	178	80.03969607	17.71776073
53	80.05438451	17.72976253	116	80.06079039	17.74998675	179	80.03962169	17.71768638
54	80.05450750	17.73017246	117	80.06085762	17.75017838	180	80.03932213	17.71741999
55	80.05473796	17.73090067	118	80.05468458	17.73074305	181	80.03917557	17.71752744
56	80.05468458	17.73074305	119	80.05603731	17.73559393	182	80.03902558	17.71773155
57	80.05462630	17.73049919	120	80.06079039	17.74998675	183	80.03865466	17.71837949
58	80.05484108	17.73132389	121	80.05614661	17.73598808	184	80.04016574	17.71781297
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61	80.05516460	17.73253109	124	80.06085762	17.75017838	187	80.05249270	17.71896840
62	80.05528289	17.73297169	125	80.05249476	17.71913357	188	80.04016574	17.71781297
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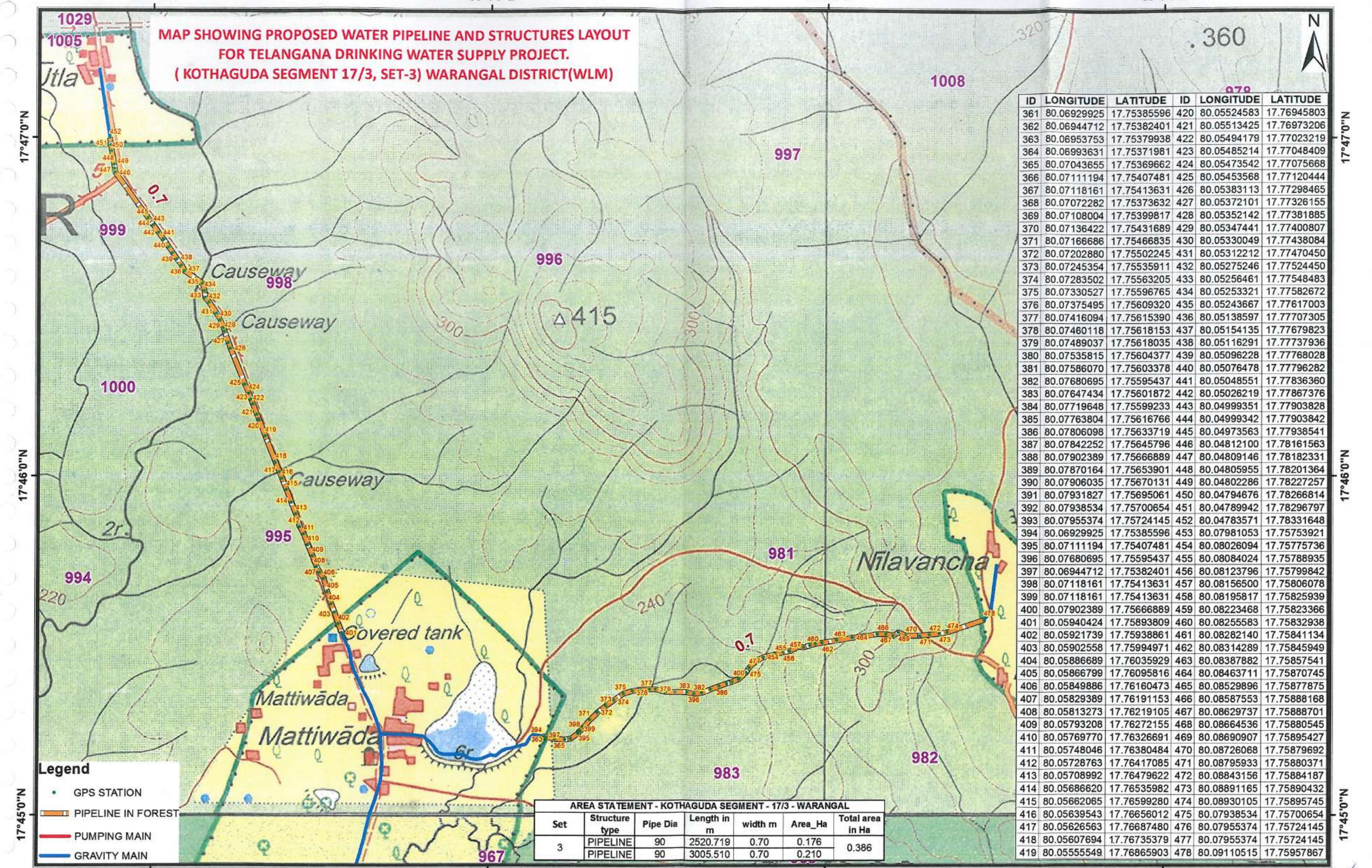


Geographic Coordinate System and WGS-84 Datum



Superintending Engineer
TOWSP Hyderabad

Chief Engineer
TOWSP Hyderabad

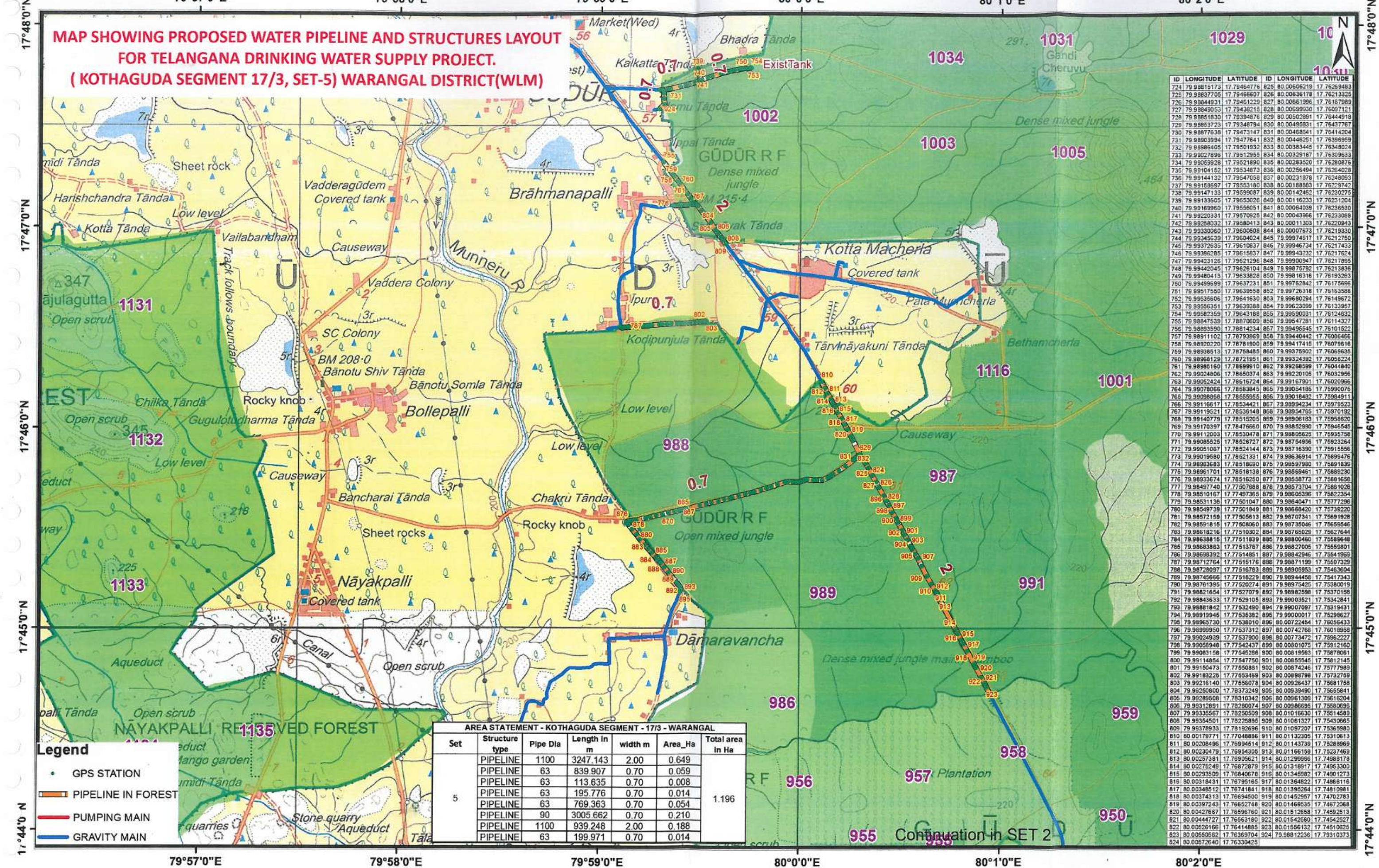


MAP SHOWING PROPOSED WATER PIPELINE AND STRUCTURES LAYOUT
FOR TELANGANA DRINKING WATER SUPPLY PROJECT.
(KOTHAGUDA SEGMENT 17/3, SET-3) WARANGAL DISTRICT(WLM)

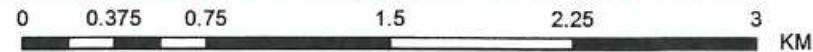
- Legend**
- GPS STATION
 - PIPELINE IN FOREST
 - PUMPING MAIN
 - GRAVITY MAIN

AREA STATEMENT - KOTHAGUDA SEGMENT - 17/3 - WARANGAL						
Set	Structure type	Pipe Dia	Length in m	width m	Area_Ha	Total area in Ha
3	PIPELINE	90	2520.719	0.70	0.176	0.386
	PIPELINE	90	3005.510	0.70	0.210	

ID	LONGITUDE	LATITUDE	ID	LONGITUDE	LATITUDE
361	80.06929925	17.75385596	420	80.05524583	17.76945803
362	80.06944712	17.75382401	421	80.05513425	17.76973206
363	80.06953753	17.75379938	422	80.05494179	17.77023219
364	80.06993631	17.75371981	423	80.05485214	17.77048409
365	80.07043655	17.75369662	424	80.05473542	17.77075668
366	80.07111194	17.75407481	425	80.05453568	17.77120444
367	80.07118161	17.75413631	426	80.05383113	17.77298465
368	80.07072282	17.75373632	427	80.05372101	17.77326155
369	80.07108004	17.75399817	428	80.05352142	17.77381885
370	80.07136422	17.75431689	429	80.05347441	17.77400807
371	80.07166686	17.75466835	430	80.05330049	17.77438084
372	80.07202880	17.75502245	431	80.05312212	17.77470450
373	80.07245354	17.75535911	432	80.05275246	17.77524450
374	80.07283502	17.75563205	433	80.05256461	17.77548483
375	80.07330527	17.75596765	434	80.05253321	17.77582672
376	80.07375495	17.75609320	435	80.05243667	17.77617003
377	80.07416094	17.75615390	436	80.05138597	17.77707305
378	80.07460118	17.75618153	437	80.05154135	17.77679823
379	80.07489037	17.75618035	438	80.05116291	17.77737936
380	80.07535815	17.75604377	439	80.05096228	17.77768028
381	80.07586070	17.75603378	440	80.05076478	17.77796282
382	80.07680695	17.75595437	441	80.05048551	17.77836360
383	80.07647434	17.75601872	442	80.05026219	17.77867376
384	80.07719648	17.75599233	443	80.04999351	17.77903828
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388	80.07902389	17.75666889	447	80.04809146	17.78182331
389	80.07870164	17.75653901	448	80.04805955	17.78201364
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395	80.07111194	17.75407481	454	80.08026094	17.75775736
396	80.07680695	17.75595437	455	80.08084024	17.75788935
397	80.06944712	17.75382401	456	80.08123796	17.75799842
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403	80.05902558	17.75994971	462	80.08314289	17.75845949
404	80.05886689	17.76035929	463	80.08387882	17.75857541
405	80.05866799	17.76095816	464	80.08463711	17.75870745
406	80.05849886	17.76160473	465	80.08529896	17.75877875
407	80.05829389	17.76191153	466	80.08587553	17.75888168
408	80.05813273	17.76219105	467	80.08629737	17.75888701
409	80.05793208	17.76272155	468	80.08664536	17.75880545
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411	80.05748046	17.76380484	470	80.08726068	17.75879692
412	80.05728763	17.76417085	471	80.08795933	17.75880371
413	80.05708992	17.76479622	472	80.08843156	17.75884187
414	80.05686620	17.76535982	473	80.08891165	17.75890432
415	80.05662065	17.76599280	474	80.08930105	17.75895745
416	80.05639543	17.76656012	475	80.07938534	17.75700654
417	80.05626563	17.76687480	476	80.07955374	17.75724145
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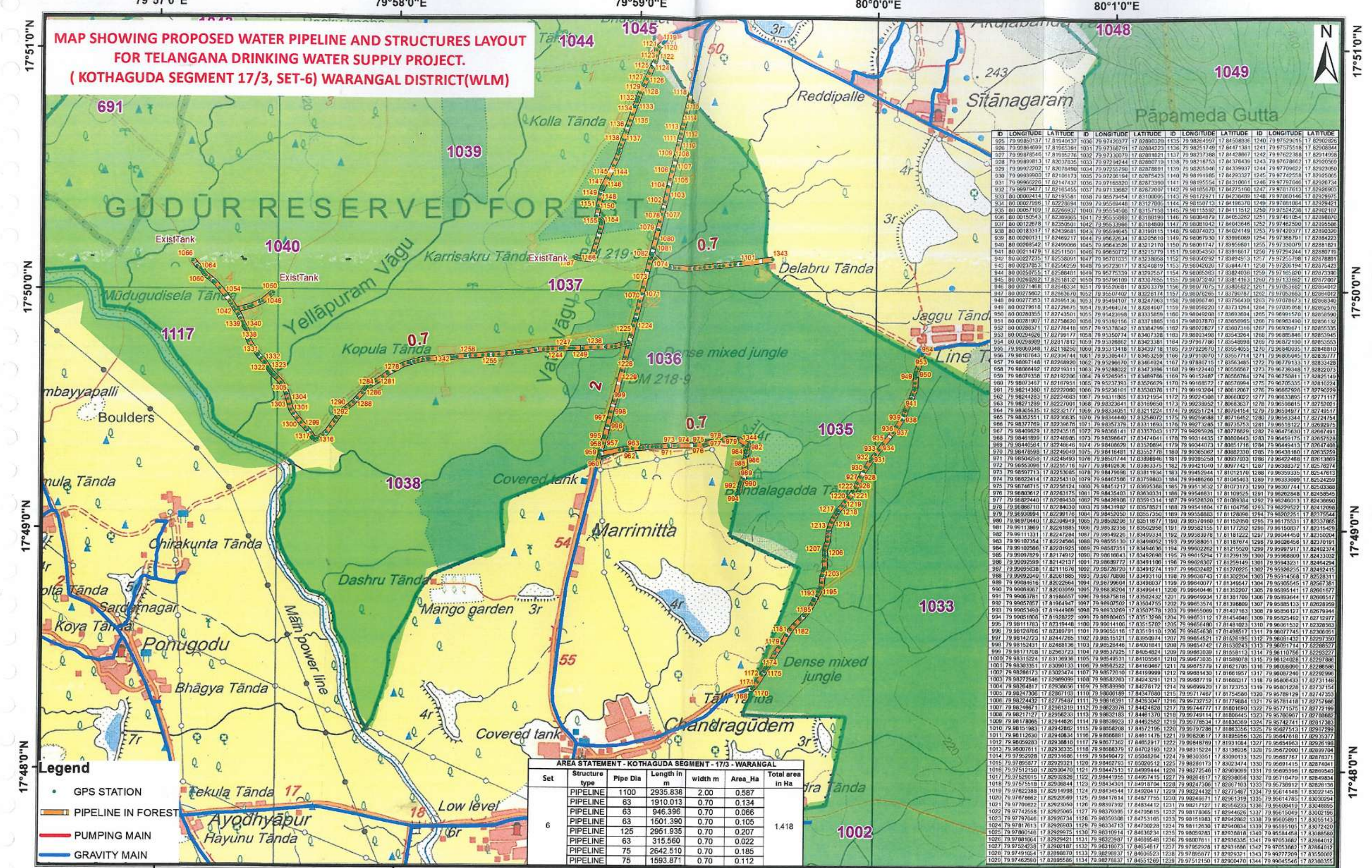


Geographic Coordinate System and WGS-84 Datum



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