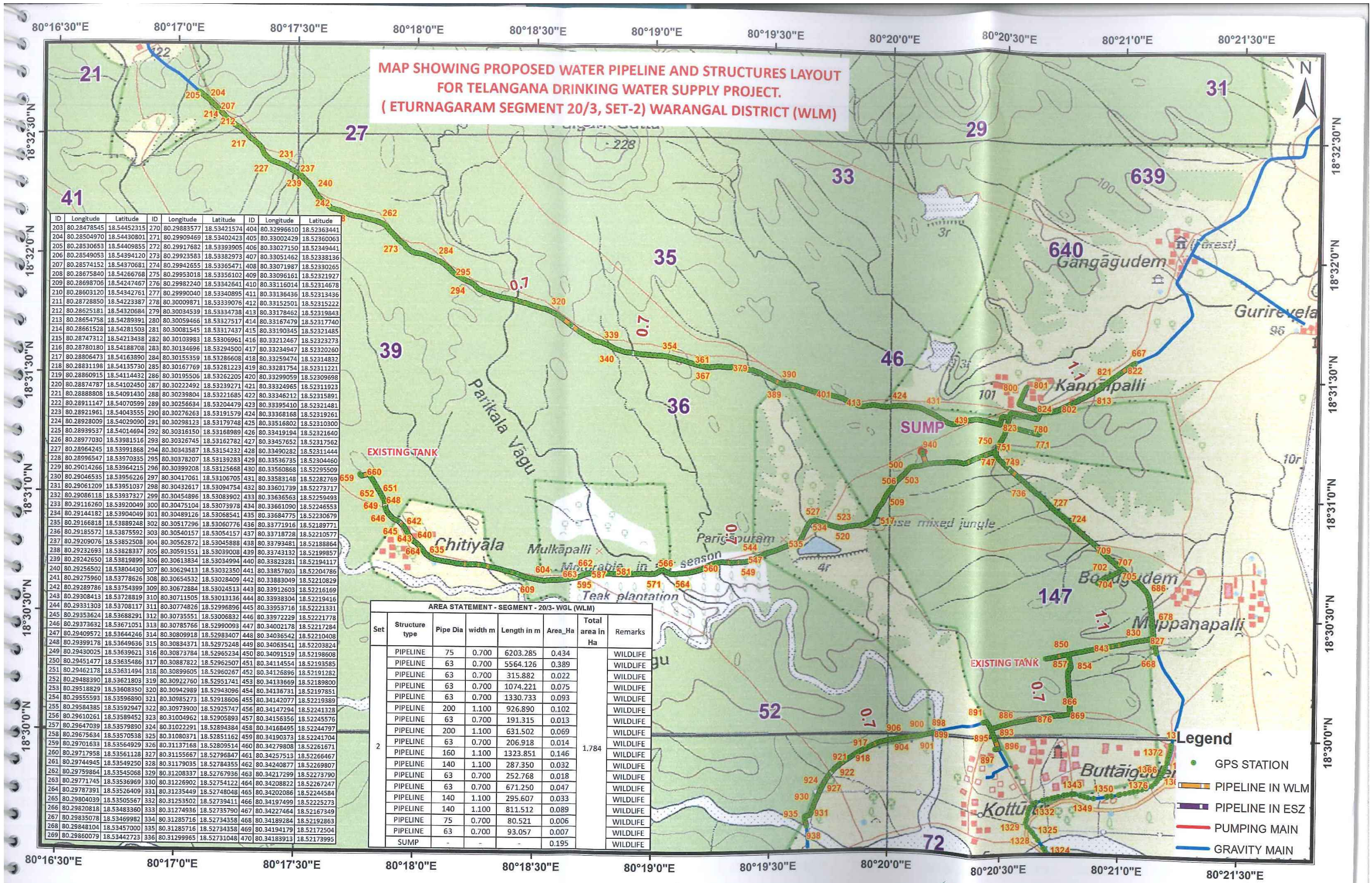




Geographic Coordinate System and WGS-84 Datum

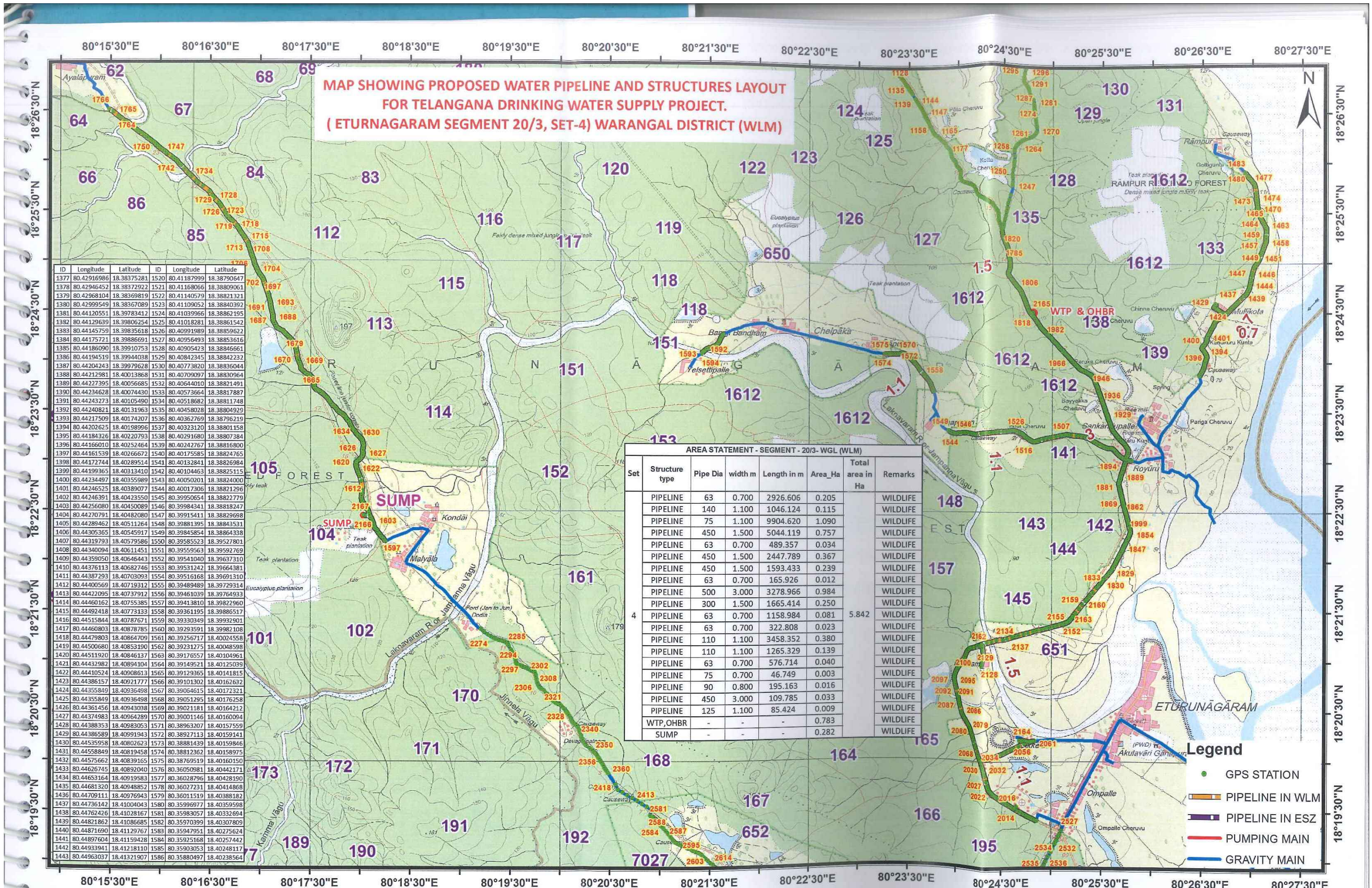
0 0.3 0.6 1.2 1.8 2.4 KM

| AREA STATEMENT - SEGMENT - 20/3- WGL (WLM) |                |          |         |             |         |                  |
|--------------------------------------------|----------------|----------|---------|-------------|---------|------------------|
| Set                                        | Structure type | Pipe Dia | width m | Length in m | Area_Ha | Total area in Ha |
| 2                                          | PIPELINE       | 75       | 0.700   | 6203.285    | 0.434   | 1.784            |
|                                            | PIPELINE       | 63       | 0.700   | 5564.126    | 0.389   |                  |
|                                            | PIPELINE       | 63       | 0.700   | 315.882     | 0.022   |                  |
|                                            | PIPELINE       | 63       | 0.700   | 1074.221    | 0.075   |                  |
|                                            | PIPELINE       | 63       | 0.700   | 1330.733    | 0.093   |                  |
|                                            | PIPELINE       | 200      | 1.100   | 926.890     | 0.102   |                  |
|                                            | PIPELINE       | 63       | 0.700   | 191.315     | 0.013   |                  |
|                                            | PIPELINE       | 200      | 1.100   | 631.502     | 0.069   |                  |
|                                            | PIPELINE       | 63       | 0.700   | 206.918     | 0.014   |                  |
|                                            | PIPELINE       | 160      | 1.100   | 1323.851    | 0.146   |                  |
|                                            | PIPELINE       | 140      | 1.100   | 287.350     | 0.032   |                  |
|                                            | PIPELINE       | 63       | 0.700   | 252.768     | 0.018   |                  |
|                                            | PIPELINE       | 63       | 0.700   | 671.250     | 0.047   |                  |
|                                            | PIPELINE       | 140      | 1.100   | 811.512     | 0.089   |                  |
|                                            | PIPELINE       | 75       | 0.700   | 80.521      | 0.006   |                  |
| SUMP                                       | SUMP           | -        | -       | -           | 0.195   |                  |
|                                            | SUMP           | -        | -       | -           | 0.195   |                  |
|                                            |                |          |         |             |         | REMARKS          |
|                                            |                |          |         |             |         | WILDLIFE         |
|                                            |                |          |         |             |         | WILDLIFE         |
|                                            |                |          |         |             |         | WILDLIFE         |
|                                            |                |          |         |             |         | WILDLIFE         |
|                                            |                |          |         |             |         | WILDLIFE         |
|                                            |                |          |         |             |         | WILDLIFE         |
|                                            |                |          |         |             |         | WILDLIFE         |
|                                            |                |          |         |             |         | WILDLIFE         |
|                                            |                |          |         |             |         | WILDLIFE         |
|                                            |                |          |         |             |         | WILDLIFE         |
|                                            |                |          |         |             |         | WILDLIFE         |

Superintending Engineer,  
TDWSP Circle, Warangal (Dist).

Chief Engineer  
TDWSP, Hyderabad





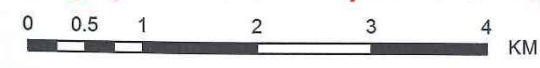
MAP SHOWING PROPOSED WATER PIPELINE AND STRUCTURES LAYOUT  
FOR TELANGANA DRINKING WATER SUPPLY PROJECT.  
( ETURNAGARAM SEGMENT 20/3, SET-4) WARANGAL DISTRICT (WLM)

| ID   | Longitude   | Latitude    | ID   | Longitude   | Latitude    |
|------|-------------|-------------|------|-------------|-------------|
| 1377 | 80.42916986 | 18.38375281 | 1520 | 80.41187999 | 18.38790647 |
| 1378 | 80.42946452 | 18.38372922 | 1521 | 80.41168066 | 18.38809061 |
| 1379 | 80.42968104 | 18.38369819 | 1522 | 80.41140579 | 18.38821321 |
| 1380 | 80.42995549 | 18.38367089 | 1523 | 80.41109052 | 18.38840392 |
| 1381 | 80.44120551 | 18.39783412 | 1524 | 80.41039966 | 18.38862195 |
| 1382 | 80.44129639 | 18.39806254 | 1525 | 80.41018281 | 18.38861542 |
| 1383 | 80.44145759 | 18.39835618 | 1526 | 80.40991989 | 18.38859622 |
| 1384 | 80.44175721 | 18.39886691 | 1527 | 80.40956493 | 18.38853616 |
| 1385 | 80.44186090 | 18.39910753 | 1528 | 80.40905423 | 18.38846661 |
| 1386 | 80.44194519 | 18.39944038 | 1529 | 80.40842345 | 18.38842732 |
| 1387 | 80.44204243 | 18.39979628 | 1530 | 80.40773820 | 18.38836044 |
| 1388 | 80.44212981 | 18.40013868 | 1531 | 80.40709097 | 18.38830964 |
| 1389 | 80.44227395 | 18.40056685 | 1532 | 80.40644010 | 18.38821491 |
| 1390 | 80.44234628 | 18.40074430 | 1533 | 80.40573664 | 18.38817887 |
| 1391 | 80.44243273 | 18.40105490 | 1534 | 80.40518682 | 18.38811748 |
| 1392 | 80.44240821 | 18.40131963 | 1535 | 80.40458028 | 18.38804929 |
| 1393 | 80.44217509 | 18.40174207 | 1536 | 80.40362769 | 18.38796219 |
| 1394 | 80.44202625 | 18.40198996 | 1537 | 80.40323120 | 18.38801158 |
| 1395 | 80.44184326 | 18.40220793 | 1538 | 80.40291680 | 18.38807384 |
| 1396 | 80.44166010 | 18.40252464 | 1539 | 80.40242767 | 18.38816800 |
| 1397 | 80.44161539 | 18.40266672 | 1540 | 80.40175585 | 18.38824765 |
| 1398 | 80.44172744 | 18.40289514 | 1541 | 80.40132841 | 18.38826984 |
| 1399 | 80.44199365 | 18.40313410 | 1542 | 80.40104463 | 18.38825115 |
| 1400 | 80.44234497 | 18.40355989 | 1543 | 80.40050201 | 18.38824000 |
| 1401 | 80.44246525 | 18.40389077 | 1544 | 80.40017306 | 18.38821296 |
| 1402 | 80.44246391 | 18.40423550 | 1545 | 80.39950654 | 18.38822779 |
| 1403 | 80.44256080 | 18.40450089 | 1546 | 80.39984341 | 18.38818247 |
| 1404 | 80.44270791 | 18.40482080 | 1547 | 80.39915411 | 18.38829698 |
| 1405 | 80.44289462 | 18.40511264 | 1548 | 80.39881395 | 18.38843531 |
| 1406 | 80.44305365 | 18.40545917 | 1549 | 80.39845854 | 18.38864338 |
| 1407 | 80.44319793 | 18.40579586 | 1550 | 80.39855523 | 18.39527801 |
| 1408 | 80.44340094 | 18.40611451 | 1551 | 80.39559563 | 18.39592769 |
| 1409 | 80.44359050 | 18.40646443 | 1552 | 80.39541040 | 18.39637310 |
| 1410 | 80.44376113 | 18.40682746 | 1553 | 80.39531242 | 18.39664381 |
| 1411 | 80.44387293 | 18.40703093 | 1554 | 80.39516168 | 18.39691310 |
| 1412 | 80.44400569 | 18.40719312 | 1555 | 80.39489489 | 18.39729314 |
| 1413 | 80.44422095 | 18.40737912 | 1556 | 80.39461039 | 18.39764933 |
| 1414 | 80.44460162 | 18.40755385 | 1557 | 80.39413810 | 18.39822960 |
| 1415 | 80.44492418 | 18.40773133 | 1558 | 80.39361195 | 18.39886517 |
| 1416 | 80.44515844 | 18.40787671 | 1559 | 80.39330349 | 18.39932901 |
| 1417 | 80.44460803 | 18.40878785 | 1560 | 80.39293591 | 18.39982108 |
| 1418 | 80.44479803 | 18.40864709 | 1561 | 80.39256717 | 18.40024558 |
| 1419 | 80.44500680 | 18.40853190 | 1562 | 80.39231275 | 18.40048598 |
| 1420 | 80.44511920 | 18.40846137 | 1563 | 80.39176557 | 18.40104961 |
| 1421 | 80.44432982 | 18.40894104 | 1564 | 80.39149521 | 18.40125039 |
| 1422 | 80.44410524 | 18.40908613 | 1565 | 80.39129365 | 18.40141815 |
| 1423 | 80.44386157 | 18.40921777 | 1566 | 80.39101302 | 18.40162632 |
| 1424 | 80.44355849 | 18.40936498 | 1567 | 80.39064615 | 18.40172321 |
| 1425 | 80.44355849 | 18.40936498 | 1568 | 80.39051295 | 18.40176258 |
| 1426 | 80.44361456 | 18.40943038 | 1569 | 80.39021181 | 18.40164212 |
| 1427 | 80.44374983 | 18.40964289 | 1570 | 80.39001146 | 18.40160094 |
| 1428 | 80.44388353 | 18.40983053 | 1571 | 80.38963207 | 18.40157559 |
| 1429 | 80.44386589 | 18.40991943 | 1572 | 80.38927113 | 18.40159141 |
| 1430 | 80.44535958 | 18.40802623 | 1573 | 80.38881439 | 18.40159846 |
| 1431 | 80.44558849 | 18.40819458 | 1574 | 80.38812362 | 18.40158975 |
| 1432 | 80.44575662 | 18.40839165 | 1575 | 80.38769519 | 18.40160150 |
| 1433 | 80.44626745 | 18.40892040 | 1576 | 80.38605081 | 18.40442171 |
| 1434 | 80.44653164 | 18.40919583 | 1577 | 80.38602879 | 18.40428190 |
| 1435 | 80.44681320 | 18.40948852 | 1578 | 80.38602731 | 18.40414868 |
| 1436 | 80.44709111 | 18.40976943 | 1579 | 80.38601151 | 18.40388182 |
| 1437 | 80.44736142 | 18.41004043 | 1580 | 80.35996977 | 18.40359598 |
| 1438 | 80.44762426 | 18.41028167 | 1581 | 80.35983057 | 18.40332604 |
| 1439 | 80.44821862 | 18.41086685 | 1582 | 80.35970399 | 18.40307899 |
| 1440 | 80.44871690 | 18.41129767 | 1583 | 80.35947951 | 18.40275624 |
| 1441 | 80.44897604 | 18.41159428 | 1584 | 80.35925168 | 18.40257442 |
| 1442 | 80.44933941 | 18.41218110 | 1585 | 80.35903053 | 18.40248117 |
| 1443 | 80.44963037 | 18.41321907 | 1586 | 80.35880497 | 18.40238564 |

| AREA STATEMENT - SEGMENT - 20/3- WGL (WLM) |                |          |         |             |         |          |
|--------------------------------------------|----------------|----------|---------|-------------|---------|----------|
| Set                                        | Structure type | Pipe Dia | width m | Length in m | Area_Ha | Remarks  |
| 4                                          | PIPELINE       | 63       | 0.700   | 2926.606    | 0.205   | WILDLIFE |
|                                            | PIPELINE       | 140      | 1.100   | 1046.124    | 0.115   | WILDLIFE |
|                                            | PIPELINE       | 75       | 1.100   | 9904.620    | 1.090   | WILDLIFE |
|                                            | PIPELINE       | 450      | 1.500   | 5044.119    | 0.757   | WILDLIFE |
|                                            | PIPELINE       | 63       | 0.700   | 489.357     | 0.034   | WILDLIFE |
|                                            | PIPELINE       | 450      | 1.500   | 2447.789    | 0.367   | WILDLIFE |
|                                            | PIPELINE       | 450      | 1.500   | 1593.433    | 0.239   | WILDLIFE |
|                                            | PIPELINE       | 63       | 0.700   | 165.926     | 0.012   | WILDLIFE |
|                                            | PIPELINE       | 500      | 3.000   | 3278.966    | 0.984   | WILDLIFE |
|                                            | PIPELINE       | 300      | 1.500   | 1665.414    | 0.250   | WILDLIFE |
|                                            | PIPELINE       | 63       | 0.700   | 1158.984    | 0.081   | WILDLIFE |
|                                            | PIPELINE       | 63       | 0.700   | 322.808     | 0.023   | WILDLIFE |
|                                            | PIPELINE       | 110      | 1.100   | 3458.352    | 0.380   | WILDLIFE |
|                                            | PIPELINE       | 110      | 1.100   | 1265.329    | 0.139   | WILDLIFE |
|                                            | PIPELINE       | 63       | 0.700   | 576.714     | 0.040   | WILDLIFE |
|                                            | PIPELINE       | 75       | 0.700   | 46.749      | 0.003   | WILDLIFE |
|                                            | PIPELINE       | 90       | 0.800   | 195.163     | 0.016   | WILDLIFE |
|                                            | PIPELINE       | 450      | 3.000   | 109.785     | 0.033   | WILDLIFE |
|                                            | PIPELINE       | 125      | 1.100   | 85.424      | 0.009   | WILDLIFE |
|                                            | WTP, OHBR      | -        | -       | -           | 0.783   | WILDLIFE |
|                                            | SUMP           | -        | -       | -           | 0.282   | WILDLIFE |
|                                            |                |          |         |             | 5.842   |          |

- Legend
- GPS STATION
  - PIPELINE IN WLM
  - PIPELINE IN ESZ
  - PUMPING MAIN
  - GRAVITY MAIN

Geographic Coordinate System and WGS-84 Datum



Superintending Engineer,  
TDWSP Circle, Warangal (Dist).

Chief Engineer  
TDWSP, Hyderabad



80°17'30"E 80°18'0"E 80°18'30"E 80°19'0"E 80°19'30"E 80°20'0"E 80°20'30"E 80°21'0"E 80°21'30"E 80°22'0"E 80°22'30"E 80°23'0"E 80°23'30"E 80°24'0"E 80°24'30"E 80°25'0"E 80°25'30"E 80°26'0"E 80°26'30"E 80°27'0"E

MAP SHOWING PROPOSED WATER PIPELINE AND STRUCTURES LAYOUT  
FOR TELANGANA DRINKING WATER SUPPLY PROJECT.  
(ETURNAGARAM SEGMENT 20/3, SET-5) WARANGAL DISTRICT (WLM)

| ID   | Longitude   | Latitude    | ID   | Longitude   | Latitude     | ID   | Longitude   | Latitude     |
|------|-------------|-------------|------|-------------|--------------|------|-------------|--------------|
| 2168 | 80.39339130 | 18.29065769 | 2300 | 80.32871316 | 18.34826837  | 2590 | 80.35160263 | 18.32091945  |
| 2169 | 80.39327551 | 18.29075095 | 2301 | 80.32909388 | 18.34802055  | 2591 | 80.35175777 | 18.32072401  |
| 2170 | 80.39302513 | 18.29106335 | 2302 | 80.32925035 | 18.34758611  | 2592 | 80.35204408 | 18.32037142  |
| 2171 | 80.39278654 | 18.29138498 | 2303 | 80.32929255 | 18.34734912  | 2593 | 80.35236143 | 18.32001490  |
| 2172 | 80.39259542 | 18.29162725 | 2304 | 80.32937465 | 18.34689069  | 2594 | 80.35265442 | 18.31974524  |
| 2173 | 80.39232779 | 18.29196895 | 2305 | 80.32952195 | 18.34627443  | 2595 | 80.35277202 | 18.31966054  |
| 2174 | 80.39203720 | 18.29236105 | 2306 | 80.32970236 | 18.34585873  | 2596 | 80.35321497 | 18.31940414  |
| 2175 | 80.39178403 | 18.29269901 | 2307 | 80.32989370 | 18.34557175  | 2597 | 80.35360084 | 18.31919823  |
| 2176 | 80.39166739 | 18.29283377 | 2308 | 80.32998995 | 18.34546053  | 2598 | 80.35392529 | 18.31954844  |
| 2177 | 80.39152629 | 18.29303415 | 2309 | 80.33018761 | 18.34530756  | 2599 | 80.35400327 | 18.31904314  |
| 2178 | 80.39128034 | 18.29335318 | 2310 | 80.33068325 | 18.34498411  | 2600 | 80.35469694 | 18.31872921  |
| 2179 | 80.39113034 | 18.29356090 | 2311 | 80.33105837 | 18.34451317  | 2601 | 80.35527080 | 18.31847878  |
| 2180 | 80.39054800 | 18.29428843 | 2312 | 80.33126509 | 18.34422873  | 2602 | 80.35552303 | 18.31836500  |
| 2181 | 80.39016628 | 18.29477313 | 2313 | 80.33164425 | 18.34376175  | 2603 | 80.35596510 | 18.31818236  |
| 2182 | 80.38996383 | 18.29496811 | 2314 | 80.33206789 | 18.34334441  | 2604 | 80.35644152 | 18.31798310  |
| 2183 | 80.38966008 | 18.29511223 | 2315 | 80.33227672 | 18.34323440  | 2605 | 80.35666737 | 18.31788373  |
| 2184 | 80.38932316 | 18.29524301 | 2316 | 80.33259364 | 18.34299679  | 2606 | 80.35686617 | 18.31774296  |
| 2185 | 80.38897096 | 18.29537377 | 2317 | 80.33274237 | 18.34288358  | 2607 | 80.35702148 | 18.31759418  |
| 2186 | 80.38859270 | 18.29559141 | 2318 | 80.33302281 | 18.34277780  | 2608 | 80.35743101 | 18.31719390  |
| 2187 | 80.38820226 | 18.29564996 | 2319 | 80.33316804 | 18.34273600  | 2609 | 80.35766324 | 18.31696684  |
| 2188 | 80.38769615 | 18.29585011 | 2320 | 80.33330694 | 18.34266739  | 2610 | 80.35799251 | 18.31680977  |
| 2189 | 80.38734481 | 18.29597380 | 2321 | 80.33358717 | 18.34240329  | 2611 | 80.35799247 | 18.31668100  |
| 2190 | 80.38675004 | 18.29620446 | 2322 | 80.33391041 | 18.34208366  | 2612 | 80.35845222 | 18.31629218  |
| 2191 | 80.38647686 | 18.29631207 | 2323 | 80.33438032 | 18.34157910  | 2613 | 80.35883809 | 18.31597135  |
| 2192 | 80.38581704 | 18.29659470 | 2324 | 80.33453267 | 18.34137719  | 2614 | 80.35920287 | 18.31563419  |
| 2193 | 80.38521934 | 18.29682089 | 2325 | 80.33461877 | 18.34122470  | 2615 | 80.35942720 | 18.31545399  |
| 2194 | 80.38472763 | 18.29700800 | 2326 | 80.33477211 | 18.34095073  | 2616 | 80.35964013 | 18.31525226  |
| 2195 | 80.38424451 | 18.29719361 | 2327 | 80.33500370 | 18.34062271  | 2617 | 80.36022609 | 18.31477512  |
| 2196 | 80.38385915 | 18.29732714 | 2328 | 80.33516225 | 18.34034755  | 2618 | 80.35981813 | 18.31511739  |
| 2197 | 80.38298178 | 18.29767722 | 2329 | 80.33520390 | 18.34020196  | 2619 | 80.36033218 | 18.31469846  |
| 2198 | 80.38247864 | 18.29789386 | 2330 | 80.33531006 | 18.33989892  | 2620 | 80.36074606 | 18.31441086  |
| 2199 | 80.38219744 | 18.29802812 | 2331 | 80.33541799 | 18.33976669  | 2621 | 80.36092512 | 18.31426545  |
| 2200 | 80.38185769 | 18.29820605 | 2332 | 80.33559681 | 18.33957613  | 2622 | 80.36122908 | 18.31397609  |
| 2201 | 80.38130432 | 18.29846504 | 2333 | 80.33581134 | 18.33937961  | 2623 | 80.36151120 | 18.31378349  |
| 2202 | 80.38082184 | 18.29867340 | 2334 | 80.33606479 | 18.33914669  | 2624 | 80.36195715 | 18.31350487  |
| 2203 | 80.38054852 | 18.29886913 | 2335 | 80.33633911 | 18.33883363  | 2625 | 80.36223401 | 18.31331497  |
| 2204 | 80.38004992 | 18.29862426 | 2336 | 80.33655210 | 18.33838707  | 2626 | 80.36210971 | 18.31314003  |
| 2205 | 80.37950997 | 18.29850901 | 2337 | 80.33664216 | 18.33809849  | 2627 | 80.36242075 | 18.31232930  |
| 2206 | 80.37894273 | 18.29840454 | 2338 | 80.33677051 | 18.33756932  | 2628 | 80.36271101 | 18.31192923  |
| 2207 | 80.37858312 | 18.29834926 | 2339 | 80.33684468 | 18.33734560  | 2629 | 80.36342280 | 18.31126866  |
| 2208 | 80.37809036 | 18.29823534 | 2340 | 80.33695509 | 18.33707115  | 2630 | 80.36223402 | 18.311331496 |
| 2209 | 80.37765853 | 18.29814591 | 2341 | 80.33709267 | 18.33675876  | 2631 | 80.36300385 | 18.31136595  |
| 2210 | 80.37713075 | 18.29804814 | 2342 | 80.33725582 | 18.33638240  | 2632 | 80.36330784 | 18.31131441  |
| 2211 | 80.37672448 | 18.29796118 | 2343 | 80.33741880 | 18.33613879  | 2633 | 80.36351447 | 18.311308204 |
| 2212 | 80.37635224 | 18.29789288 | 2344 | 80.33763784 | 18.33592344  | 2634 | 80.36377918 | 18.311290561 |
| 2213 | 80.37617094 | 18.29800932 | 2345 | 80.33779684 | 18.33580044  | 2635 | 80.36387090 | 18.311282603 |
| 2214 | 80.37580502 | 18.29854586 | 2346 | 80.33835380 | 18.33535630  | 2636 | 80.36410831 | 18.311260441 |
| 2215 | 80.37539979 | 18.29903538 | 2347 | 80.33867157 | 18.33509813  | 2637 | 80.36436199 | 18.311243149 |
| 2216 | 80.37513613 | 18.29939123 | 2348 | 80.33897689 | 18.33484654  | 2638 | 80.36463558 | 18.311226306 |
| 2217 | 80.37481608 | 18.29977835 | 2349 | 80.33924901 | 18.33460436  | 2639 | 80.36503917 | 18.311203435 |
| 2218 | 80.37457799 | 18.30009947 | 2350 | 80.33940949 | 18.33443776  | 2640 | 80.36552407 | 18.311179595 |
| 2219 | 80.37425243 | 18.30045637 | 2351 | 80.33957539 | 18.33420344  | 2641 | 80.36577801 | 18.31166379  |
| 2220 | 80.37384772 | 18.30092160 | 2352 | 80.33972199 | 18.33394508  | 2642 | 80.36619913 | 18.31143061  |
| 2221 | 80.37375712 | 18.30101068 | 2353 | 80.33986578 | 18.33371707  | 2643 | 80.36631888 | 18.31135441  |
| 2222 | 80.37335407 | 18.30141761 | 2354 | 80.34008550 | 18.33353592  | 2644 | 80.36639154 | 18.31128566  |
| 2223 | 80.37299109 | 18.30178043 | 2355 | 80.34024875 | 18.333310760 | 2645 | 80.36667997 | 18.31097029  |
| 2224 | 80.37278893 | 18.30200637 | 2356 | 80.34046619 | 18.333276290 | 2646 | 80.36704772 | 18.31053884  |
| 2225 | 80.37253358 | 18.30227154 | 2357 | 80.34058414 | 18.33252616  | 2647 | 80.36732165 | 18.31022917  |
| 2226 | 80.37230616 | 18.30250615 | 2358 | 80.34073463 | 18.33215578  | 2648 | 80.36768054 | 18.30959292  |
| 2227 | 80.37198141 | 18.30284393 | 2359 | 80.34088059 | 18.33188622  | 2649 | 80.36768683 | 18.30947976  |
| 2228 | 80.37171109 | 18.30311433 | 2360 | 80.34110502 | 18.33162654  | 2650 | 80.36771912 | 18.30829182  |
| 2229 | 80.37162142 | 18.30328545 | 2361 | 80.34141175 | 18.33122155  | 2651 | 80.36849605 | 18.30818315  |
| 2230 | 80.37155548 | 18.30343284 | 2362 | 80.41283108 | 18.28504533  | 2652 | 80.36870549 | 18.30841094  |
| 2231 | 80.37149967 | 18.30392895 | 2363 | 80.41385276 | 18.28504982  | 2653 | 80.36886110 | 18.30858648  |
| 2232 | 80.37143474 | 18.30438023 | 2364 | 80.41575074 | 18.28422649  | 2654 | 80.36891752 | 18.30863316  |
| 2233 | 80.37135017 | 18.30488705 | 2365 | 80.41481392 | 18.28485742  | 2655 | 80.36940045 | 18.30824005  |

| AREA STATEMENT - SEGMENT - 20/3- WGL (WLM) |                |          |         |             |         |                  |          |
|--------------------------------------------|----------------|----------|---------|-------------|---------|------------------|----------|
| Set                                        | Structure type | Pipe Dia | width m | Length in m | Area_Ha | Total area in Ha | Remarks  |
| 5                                          | PIPELINE       | 90       | 0.900   | 2729.078    | 0.246   | 2.288            | WILDLIFE |
|                                            | PIPELINE       | 63       | 0.700   | 1959.842    | 0.137   |                  | WILDLIFE |
|                                            | PIPELINE       | 180      | 1.100   | 3672.751    | 0.404   |                  | WILDLIFE |
|                                            | PIPELINE       | 350      | 1.500   | 3428.376    | 0.514   |                  | WILDLIFE |
|                                            | PIPELINE       | 63       | 0.700   | 184.756     | 0.013   |                  | WILDLIFE |
|                                            | PIPELINE       | 160      | 1.100   | 4693.208    | 0.516   |                  | WILDLIFE |
|                                            | PIPELINE       | 90       | 0.900   | 642.152     | 0.058   |                  | WILDLIFE |
|                                            | PIPELINE       | 63       | 0.700   | 966.247     | 0.068   |                  | WILDLIFE |
|                                            | PIPELINE       | 160      | 1.100   | 3021.245    | 0.332   |                  | WILDLIFE |

- Legend
- GPS STATION
  - PIPELINE IN WLM
  - PIPELINE IN ESZ
  - PUMPING MAIN
  - GRAVITY MAIN

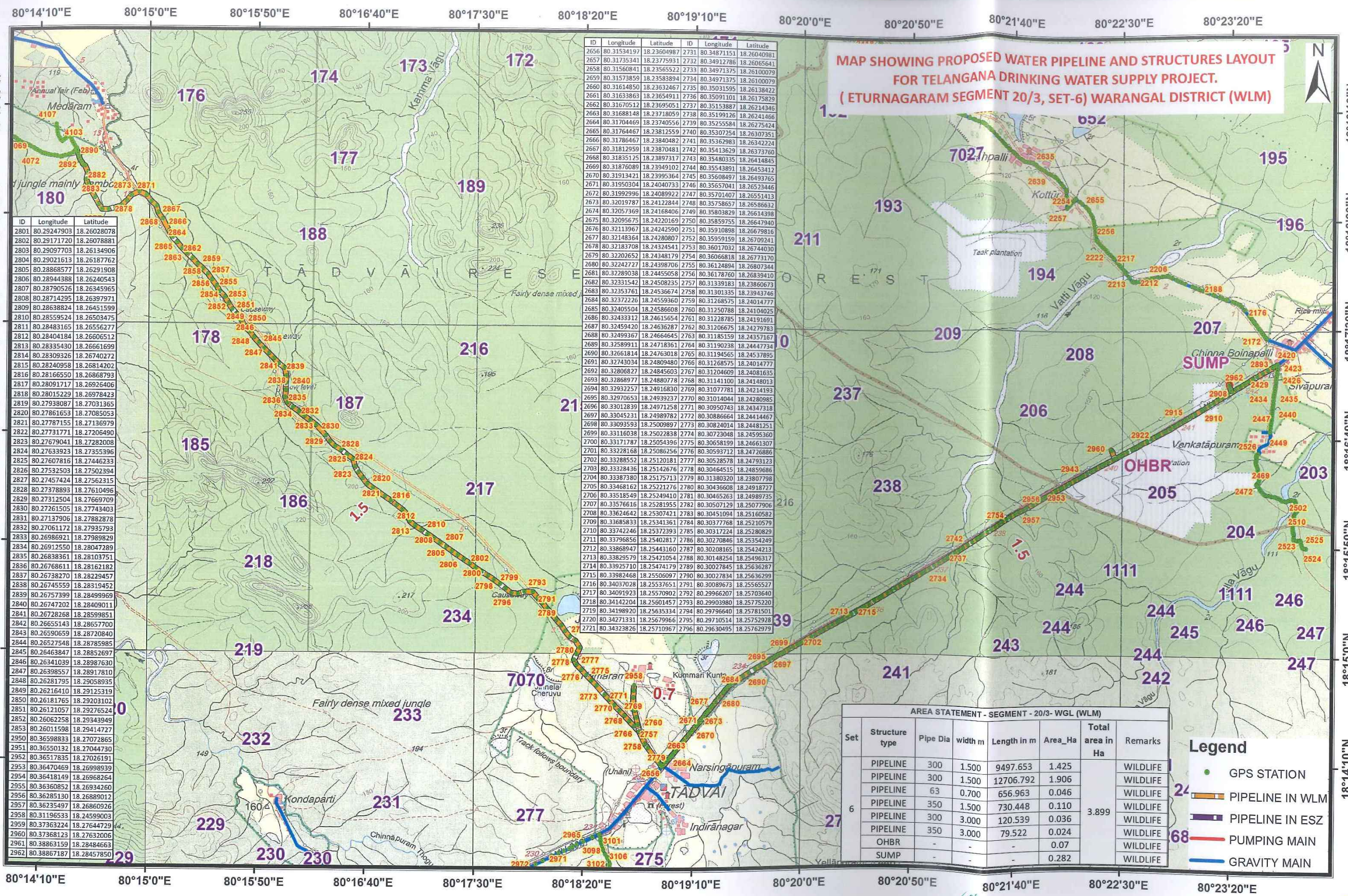
Geographic Coordinate System and WGS-84 Datum



Superintending Engineer,  
TDWSP Circle, Warangal (Dist)

Chief Engineer



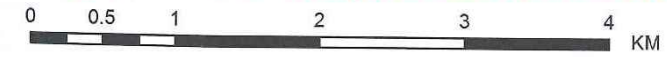


| ID   | Longitude   | Latitude    | ID   | Longitude    | Latitude    |
|------|-------------|-------------|------|--------------|-------------|
| 2656 | 80.31534197 | 18.23604987 | 2731 | 80.34871151  | 18.26040981 |
| 2657 | 80.31735341 | 18.23775931 | 2732 | 80.34912786  | 18.26065641 |
| 2658 | 80.31560841 | 18.23565522 | 2733 | 80.34971375  | 18.26100079 |
| 2659 | 80.31573859 | 18.23583894 | 2734 | 80.34971375  | 18.26100079 |
| 2660 | 80.31614850 | 18.23632467 | 2735 | 80.35031595  | 18.26138422 |
| 2661 | 80.31633863 | 18.23654911 | 2736 | 80.35091101  | 18.26175829 |
| 2662 | 80.31670512 | 18.23695051 | 2737 | 80.35153887  | 18.26214346 |
| 2663 | 80.31688148 | 18.23718059 | 2738 | 80.35199126  | 18.26241466 |
| 2664 | 80.31704469 | 18.23740556 | 2739 | 80.35255584  | 18.26275424 |
| 2665 | 80.31764467 | 18.23812559 | 2740 | 80.35307254  | 18.26307351 |
| 2666 | 80.31786467 | 18.23840482 | 2741 | 80.35362983  | 18.26342224 |
| 2667 | 80.31812959 | 18.23870481 | 2742 | 80.35413629  | 18.26373760 |
| 2668 | 80.31835125 | 18.23897317 | 2743 | 80.35480335  | 18.26414845 |
| 2669 | 80.31876089 | 18.23949102 | 2744 | 80.35543891  | 18.26453412 |
| 2670 | 80.31913421 | 18.23995364 | 2745 | 80.35608497  | 18.26493765 |
| 2671 | 80.31950304 | 18.24040733 | 2746 | 80.35657041  | 18.26523446 |
| 2672 | 80.31992996 | 18.24089922 | 2747 | 80.35701407  | 18.26551413 |
| 2673 | 80.32019787 | 18.24128444 | 2748 | 80.35758657  | 18.26586632 |
| 2674 | 80.32057369 | 18.24168406 | 2749 | 80.35803829  | 18.26614398 |
| 2675 | 80.32095675 | 18.24202169 | 2750 | 80.35859755  | 18.26647940 |
| 2676 | 80.32113967 | 18.24242590 | 2751 | 80.35910898  | 18.26679816 |
| 2677 | 80.32148364 | 18.24280807 | 2752 | 80.35959159  | 18.26709241 |
| 2678 | 80.32183708 | 18.24324541 | 2753 | 80.36017032  | 18.26744030 |
| 2679 | 80.32202652 | 18.24348179 | 2754 | 80.36066818  | 18.26773170 |
| 2680 | 80.32242727 | 18.24398706 | 2755 | 80.36124894  | 18.26807344 |
| 2681 | 80.32289038 | 18.24450508 | 2756 | 80.36178760  | 18.26839410 |
| 2682 | 80.32331542 | 18.24508235 | 2757 | 80.31339183  | 18.23860673 |
| 2683 | 80.32353761 | 18.24536674 | 2758 | 80.31301335  | 18.23943746 |
| 2684 | 80.32372226 | 18.24559360 | 2759 | 80.31268575  | 18.24014777 |
| 2685 | 80.32405504 | 18.24586808 | 2760 | 80.31250788  | 18.24104025 |
| 2686 | 80.32433312 | 18.24615654 | 2761 | 80.31228785  | 18.24191691 |
| 2687 | 80.32459420 | 18.24636287 | 2762 | 80.31206675  | 18.24279783 |
| 2688 | 80.32499367 | 18.24664645 | 2763 | 80.31185159  | 18.24357167 |
| 2689 | 80.32589911 | 18.24718361 | 2764 | 80.31190238  | 18.24447734 |
| 2690 | 80.32661814 | 18.24763018 | 2765 | 80.31194565  | 18.24537895 |
| 2691 | 80.32743034 | 18.24809480 | 2766 | 80.31268575  | 18.24014777 |
| 2692 | 80.32806827 | 18.24845603 | 2767 | 80.31204609  | 18.24081635 |
| 2693 | 80.32868977 | 18.24880778 | 2768 | 80.31141100  | 18.24148013 |
| 2694 | 80.32932257 | 18.24916830 | 2769 | 80.31077781  | 18.24214193 |
| 2695 | 80.32970653 | 18.24939237 | 2770 | 80.31014044  | 18.24280985 |
| 2696 | 80.33012839 | 18.24971258 | 2771 | 80.30950743  | 18.24347318 |
| 2697 | 80.33045231 | 18.24989782 | 2772 | 80.30886664  | 18.24414467 |
| 2698 | 80.33093593 | 18.25009897 | 2773 | 80.30824014  | 18.24481251 |
| 2699 | 80.33116038 | 18.25022838 | 2774 | 80.307723048 | 18.24595360 |
| 2700 | 80.33171787 | 18.25054396 | 2775 | 80.30658199  | 18.24661307 |
| 2701 | 80.3328168  | 18.25086256 | 2776 | 80.30593712  | 18.24726886 |
| 2702 | 80.33288552 | 18.25120181 | 2777 | 80.30528578  | 18.24793123 |
| 2703 | 80.3328436  | 18.25142676 | 2778 | 80.30464515  | 18.24859686 |
| 2704 | 80.33387380 | 18.25175713 | 2779 | 80.31380320  | 18.23807798 |
| 2705 | 80.33468162 | 18.25221276 | 2780 | 80.30436608  | 18.24918727 |
| 2706 | 80.33518549 | 18.25249410 | 2781 | 80.30465263  | 18.24989735 |
| 2707 | 80.33576616 | 18.25281955 | 2782 | 80.30507129  | 18.25077906 |
| 2708 | 80.33624642 | 18.25307421 | 2783 | 80.30451094  | 18.25160582 |
| 2709 | 80.33685833 | 18.25341361 | 2784 | 80.30377768  | 18.25210579 |
| 2710 | 80.33742246 | 18.25372393 | 2785 | 80.30317224  | 18.25280829 |
| 2711 | 80.33796856 | 18.25402817 | 2786 | 80.30270846  | 18.25354249 |
| 2712 | 80.33868947 | 18.25443160 | 2787 | 80.30208165  | 18.25424213 |
| 2713 | 80.33829579 | 18.25421054 | 2788 | 80.30148254  | 18.25496317 |
| 2714 | 80.33925710 | 18.25474179 | 2789 | 80.30027845  | 18.25636287 |
| 2715 | 80.33982468 | 18.25506097 | 2790 | 80.30027834  | 18.25636299 |
| 2716 | 80.34037028 | 18.25537651 | 2791 | 80.30089673  | 18.2565527  |
| 2717 | 80.34091923 | 18.25570902 | 2792 | 80.29966207  | 18.25703640 |
| 2718 | 80.34142204 | 18.25601457 | 2793 | 80.29903980  | 18.25757520 |
| 2719 | 80.34198920 | 18.25635334 | 2794 | 80.29796640  | 18.25781501 |
| 2720 | 80.34271331 | 18.25679966 | 2795 | 80.29710514  | 18.25752928 |
| 2721 | 80.34323826 | 18.25710967 | 2796 | 80.29630495  | 18.25762979 |

| AREA STATEMENT - SEGMENT - 20/3- WGL (WLM) |                |          |         |             |         |                  |
|--------------------------------------------|----------------|----------|---------|-------------|---------|------------------|
| Set                                        | Structure type | Pipe Dia | width m | Length in m | Area_Ha | Total area in Ha |
| 6                                          | PIPELINE       | 300      | 1.500   | 9497.653    | 1.425   | 3.899            |
|                                            | PIPELINE       | 300      | 1.500   | 12706.792   | 1.906   |                  |
|                                            | PIPELINE       | 63       | 0.700   | 656.963     | 0.046   |                  |
|                                            | PIPELINE       | 350      | 1.500   | 730.448     | 0.110   |                  |
|                                            | PIPELINE       | 300      | 3.000   | 120.539     | 0.036   |                  |
|                                            | PIPELINE       | 350      | 3.000   | 79.522      | 0.024   |                  |
|                                            | OHBR           | -        | -       | -           | 0.07    |                  |
|                                            | SUMP           | -        | -       | -           | 0.282   |                  |

- Legend**
- GPS STATION
  - PIPELINE IN WLM
  - PIPELINE IN ESZ
  - PUMPING MAIN
  - GRAVITY MAIN
  - WILDLIFE

Geographic Coordinate System and WGS-84 Datum



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