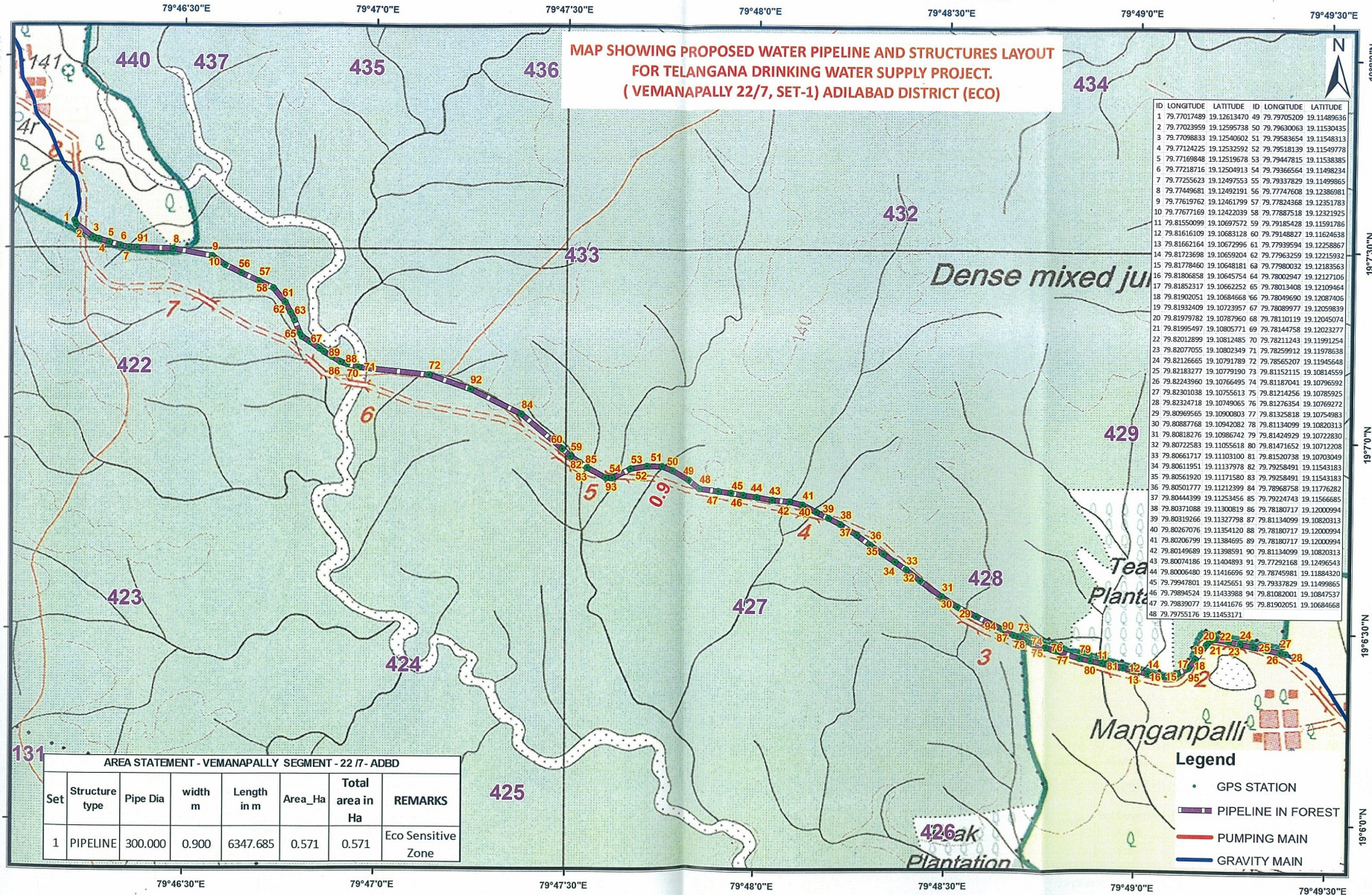


**MAP SHOWING PROPOSED WATER PIPELINE AND STRUCTURES LAYOUT  
FOR TELANGANA DRINKING WATER SUPPLY PROJECT.  
(VEMANAPALLY 22/7, SET-1) ADILABAD DISTRICT (ECO)**



**AREA STATEMENT - VEMANAPALLY SEGMENT - 22 IT - ADBD**

| Set | Structure type | Pipe Dia | width m | Length in m | Area_Ha | Total area in Ha | REMARKS            |
|-----|----------------|----------|---------|-------------|---------|------------------|--------------------|
| 1   | PIPELINE       | 300.000  | 0.900   | 6347.685    | 0.571   | 0.571            | Eco Sensitive Zone |

| ID | LONGITUDE   | LATITUDE    | ID | LONGITUDE   | LATITUDE    |
|----|-------------|-------------|----|-------------|-------------|
| 1  | 79.7701489  | 19.12613470 | 49 | 79.79705209 | 19.11489636 |
| 2  | 79.77023959 | 19.12596738 | 50 | 79.79630063 | 19.11530435 |
| 3  | 79.77098833 | 19.12540602 | 51 | 79.79583654 | 19.11548313 |
| 4  | 79.77124225 | 19.12532592 | 52 | 79.79518139 | 19.11549778 |
| 5  | 79.77169848 | 19.12519678 | 53 | 79.79447815 | 19.11538385 |
| 6  | 79.77218716 | 19.12504913 | 54 | 79.79366564 | 19.11498234 |
| 7  | 79.77255623 | 19.12497553 | 55 | 79.79337829 | 19.11499865 |
| 8  | 79.77446681 | 19.12492191 | 56 | 79.77747608 | 19.12386981 |
| 9  | 79.77675952 | 19.12461799 | 57 | 79.77824368 | 19.12351783 |
| 10 | 79.77677169 | 19.12422039 | 58 | 79.77887818 | 19.12321925 |
| 11 | 79.81550099 | 19.10697572 | 59 | 79.79185428 | 19.11591786 |
| 12 | 79.81616109 | 19.10683128 | 60 | 79.79148827 | 19.11624638 |
| 13 | 79.81662164 | 19.10672996 | 61 | 79.79395994 | 19.12258867 |
| 14 | 79.81723698 | 19.10659204 | 62 | 79.79632559 | 19.12215932 |
| 15 | 79.81778460 | 19.10648181 | 63 | 79.79780032 | 19.12183563 |
| 16 | 79.81806858 | 19.10645754 | 64 | 79.78002947 | 19.12127106 |
| 17 | 79.81852517 | 19.10662552 | 65 | 79.78013408 | 19.12109464 |
| 18 | 79.81900251 | 19.10684668 | 66 | 79.78049690 | 19.12087406 |
| 19 | 79.81932409 | 19.10723957 | 67 | 79.78089977 | 19.12058839 |
| 20 | 79.81979782 | 19.10787960 | 68 | 79.78110119 | 19.12045074 |
| 21 | 79.81995497 | 19.10805771 | 69 | 79.78144758 | 19.12023277 |
| 22 | 79.82012899 | 19.10812485 | 70 | 79.78211243 | 19.11991254 |
| 23 | 79.82077055 | 19.10802349 | 71 | 79.78259912 | 19.11978638 |
| 24 | 79.82126665 | 19.10791789 | 72 | 79.78565207 | 19.11945648 |
| 25 | 79.82183277 | 19.10779190 | 73 | 79.81152115 | 19.10814550 |
| 26 | 79.82243960 | 19.10766495 | 74 | 79.81187041 | 19.10796592 |
| 27 | 79.82301038 | 19.10755613 | 75 | 79.81214256 | 19.10785925 |
| 28 | 79.82324718 | 19.10749065 | 76 | 79.81276354 | 19.10769272 |
| 29 | 79.80969565 | 19.10900803 | 77 | 79.81325818 | 19.10754983 |
| 30 | 79.80887768 | 19.10942082 | 78 | 79.81134099 | 19.10820313 |
| 31 | 79.80818276 | 19.10986742 | 79 | 79.81424929 | 19.10722830 |
| 32 | 79.80722583 | 19.11055618 | 80 | 79.81471652 | 19.10712208 |
| 33 | 79.80661717 | 19.11031000 | 81 | 79.81520738 | 19.10703049 |
| 34 | 79.80611951 | 19.11137978 | 82 | 79.79258491 | 19.11543183 |
| 35 | 79.80561920 | 19.11171580 | 83 | 79.79258491 | 19.11543183 |
| 36 | 79.80501777 | 19.11212399 | 84 | 79.78987528 | 19.11776282 |
| 37 | 79.80444399 | 19.11253456 | 85 | 79.79224743 | 19.11566861 |
| 38 | 79.80371088 | 19.11300819 | 86 | 79.78180717 | 19.12000994 |
| 39 | 79.80319266 | 19.11327798 | 87 | 79.81134099 | 19.10820313 |
| 40 | 79.80267076 | 19.11354120 | 88 | 79.78180717 | 19.12000994 |
| 41 | 79.80206799 | 19.11384695 | 89 | 79.78180717 | 19.12000994 |
| 42 | 79.80149689 | 19.11388591 | 90 | 79.81134099 | 19.10820313 |
| 43 | 79.80074186 | 19.11404893 | 91 | 79.77292168 | 19.12496543 |
| 44 | 79.80064480 | 19.11416096 | 92 | 79.78459881 | 19.11884320 |
| 45 | 79.79947801 | 19.11425551 | 93 | 79.79337829 | 19.11499865 |
| 46 | 79.79894524 | 19.11433988 | 94 | 79.81082001 | 19.10847537 |
| 47 | 79.79830077 | 19.11441676 | 95 | 79.81902051 | 19.10684668 |
| 48 | 79.79755176 | 19.11453171 |    |             |             |

**Legend**

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

**Geographic Coordinate System and WGS-84 Datum**



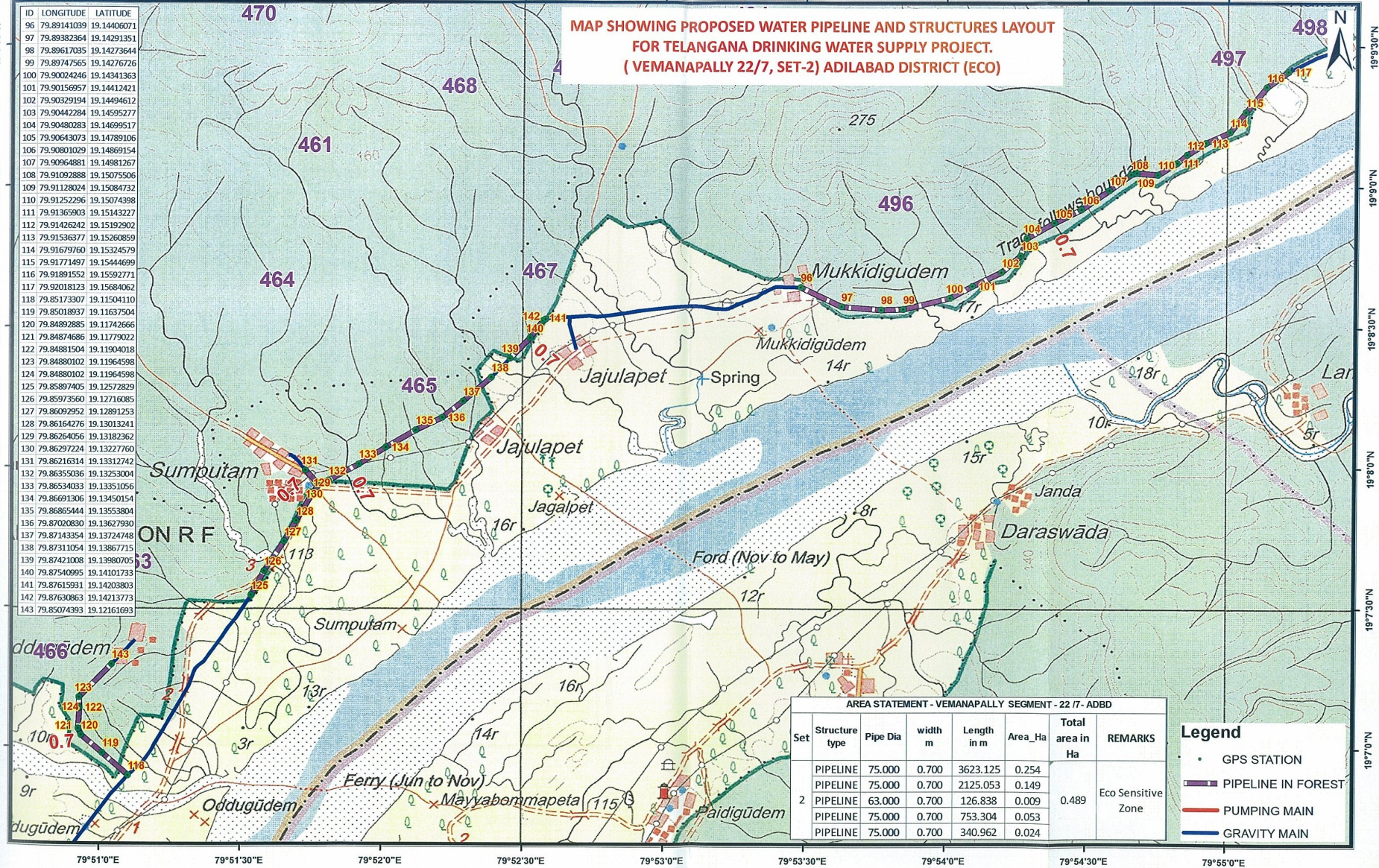
Executive Engineer  
TDWSP Divn, Asifabad

Superintending Engineer  
TDWSP Circle, Nirmal

Chief Engineer  
TDWSP, Hyderabad

**MAP SHOWING PROPOSED WATER PIPELINE AND STRUCTURES LAYOUT  
FOR TELANGANA DRINKING WATER SUPPLY PROJECT.  
(VEMANAPALLY 22/7, SET-2) ADILABAD DISTRICT (ECO)**

| ID  | LONGITUDE   | LATITUDE    |
|-----|-------------|-------------|
| 96  | 79.89141039 | 19.14406071 |
| 97  | 79.89382364 | 19.14291351 |
| 98  | 79.89617035 | 19.14273644 |
| 99  | 79.89747565 | 19.14276726 |
| 100 | 79.90024246 | 19.14341363 |
| 101 | 79.90156957 | 19.14412421 |
| 102 | 79.90329194 | 19.14494612 |
| 103 | 79.90442284 | 19.14595277 |
| 104 | 79.90480283 | 19.14699517 |
| 105 | 79.90643073 | 19.14789106 |
| 106 | 79.90801029 | 19.14869154 |
| 107 | 79.90964881 | 19.14981267 |
| 108 | 79.91092888 | 19.15075506 |
| 109 | 79.91128024 | 19.15084732 |
| 110 | 79.91252296 | 19.15074398 |
| 111 | 79.91365903 | 19.15143227 |
| 112 | 79.91426242 | 19.15192902 |
| 113 | 79.91536377 | 19.15260859 |
| 114 | 79.91679760 | 19.15324579 |
| 115 | 79.91771497 | 19.15444699 |
| 116 | 79.91891552 | 19.15592771 |
| 117 | 79.92018123 | 19.15684062 |
| 118 | 79.92173307 | 19.15704110 |
| 119 | 79.92018937 | 19.15637504 |
| 120 | 79.84892885 | 19.11742666 |
| 121 | 79.84874686 | 19.11779022 |
| 122 | 79.84881504 | 19.11904018 |
| 123 | 79.84880102 | 19.11964598 |
| 124 | 79.84880102 | 19.11964598 |
| 125 | 79.85897405 | 19.12572829 |
| 126 | 79.85973560 | 19.12716085 |
| 127 | 79.86092952 | 19.12891253 |
| 128 | 79.86164276 | 19.13013241 |
| 129 | 79.86264056 | 19.13182362 |
| 130 | 79.86297224 | 19.13227760 |
| 131 | 79.86216314 | 19.13312742 |
| 132 | 79.86355036 | 19.13253004 |
| 133 | 79.86534033 | 19.13351056 |
| 134 | 79.86691306 | 19.13450154 |
| 135 | 79.86865444 | 19.13553804 |
| 136 | 79.87020830 | 19.13627930 |
| 137 | 79.87143354 | 19.13724748 |
| 138 | 79.87311054 | 19.13867715 |
| 139 | 79.87421008 | 19.13980705 |
| 140 | 79.87540995 | 19.14101733 |
| 141 | 79.87615931 | 19.14203803 |
| 142 | 79.87630863 | 19.14213773 |
| 143 | 79.85074393 | 19.12161693 |



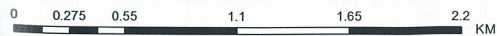
**AREA STATEMENT - VEMANAPALLY SEGMENT - 22/7 - ADBD**

| Set | Structure type | Pipe Dia | width m | Length in m | Area_Ha | Total area in Ha | REMARKS            |
|-----|----------------|----------|---------|-------------|---------|------------------|--------------------|
| 2   | PIPELINE       | 75.000   | 0.700   | 3623.125    | 0.254   | 0.489            | Eco Sensitive Zone |
|     | PIPELINE       | 75.000   | 0.700   | 2125.053    | 0.149   |                  |                    |
|     | PIPELINE       | 63.000   | 0.700   | 126.838     | 0.009   |                  |                    |
|     | PIPELINE       | 75.000   | 0.700   | 753.304     | 0.053   |                  |                    |
|     | PIPELINE       | 75.000   | 0.700   | 340.962     | 0.024   |                  |                    |

**Legend**

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

**Geographic Coordinate System and WGS-84 Datum**



Executive Engineer  
TDWSP Divn, Asifabad

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