# WORK OF CONSTRUCTION OF KADUGUDI GLR (GROUND LEVEL RESERVOIR) IN 2.4281 Ha OF FOREST LAND AT KADUGUDI PLANTATION VILLAGE, SY. NO. 1/P, BIDARAHALLI HOBALI, BENGALURU EAST TALUK, BENGALURU URBAN DISTRICT, UNDER CONTRACT PACKAGE - 12 OF CAUVERY WATER SUPPLY SCHEME STAGE - V PROJECT IN FAVOR OF BENGALURU WATER SUPPLY & SEWERAGE BOARD.

निर्यात के लिए नहीं NOT FOR EXPORT

OPEN SERIES MAP

## No. D43X9

Scale 1:50,000

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| Bangalore Rural KARNĀTAKA D43R8 (57G/8) | D43R12 (57G/12) | D43R16 (57G/16) |
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1 Chik Ballāpur, KARNĀTAKA

भारतीय सर्वेक्षण विभाग SURVEY OF INDIA

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### CONVENTIONAL SYMBOLS

Express highway: with toll; with bridge; with distance stone
Roads, metalled: according to importance
Roads, double carriageway: according to importance
Unmetalled road. Cart-track. Pack-track with pass. Foot-path
Streams: with track in bed, undefined. Canal
Dams: masonry or rock-filled, earthwork. Weir
River: dry with water channel; with island & rocks. Tidal river
Submerged rocks. Shoal. Swamp. Reeds
Wells: lined; unlined. Tube-well. Spring. Tanks, perennial; dry
Embankments: road or rail; tank. Broken ground
Railways: broad gauge: double; single with station; under construction
Railways: other gauges: double, single with distance stone; do.
Mineral line or tramway. Kiln. Cutting with tunnel
Contours with sub-features: Rocky slopes. Cliffs
Sand features (Tillal, (Dhand-hilly permanent), (Jhaunewishifting)
Towns or Villages: inhabited; deserted. Fort
Huts: permanent, temporary. Tower. Antiquities
Temple. Chhatri. Church. Mosque. Idgāh. Tomb. Graves
Lighthouse. Lightship. Buoys: lighted, unlighted. Anchorage
Mine. Vine on trellis. Grass. Scrub
Palms: palmyra, other. Plantain. Conifer. Bamboo. Other trees
Areas: cultivated, wooded. Surveyed tree
Boundary, international
state: demarcated; undemarcated
district, subdivision; tahsil or tālūk; forest
Boundary pillars: surveyed, unlocated
Heights, triangulated: station; point; approximate .200 .200 .200
Bench-mark: geodetic; tertiary; canal BM 63-3 .BM 63-3
Post office. Telegraph office. Overhead tank
Rest house or Inspection bungalow. Circuit house. Police station
Cemetery ground. Forest: reserved, protected LGD RF PF
Spaced names: administrative; locality or tribal KIKRI MĀGA
Hospital. Dispensary. Veterinary. Hospital / Dispensary
Aerodrome. Heliport. Tourist site
Power line: with pylons surveyed; with poles unsurveyed

### INDEX

Proposed Project area in Forest Land
Proposed Project area in Non Forest Land

### REFERENCES

Nh-4 National Highway No. 4
C P Coconut Plantation
E P Eucalyptus Plantation
Chy Chimney
NIMHANS National Institute of Mental Health And Neuro Sciences

### NOTES :-

Heights are in metres and above Indian mean sea level
Contours are approximate
A relative height, e.g. .ph represents the approximate height, in metres, between the top and bottom of a steep slope
This sheet is compiled from 1:25,000 scale survey
Tube-wells are numerous throughout the sheet, some have been omitted
Unmetalled roads and most of the cart-tracks in this sheet are generally impassable in dry season
Permission to use those irrig canals is required from irrigation authorities
Tanks, shown dry in this area, usually contain water from October to February
Temples with gopurams are shown thus
Christian memorials are shown thus
Hand pump is shown thus

### COMPILATION INDEX

A
B

A. Compiled from 1:25000 survey, 1998-99
B. Compiled from 1:25000 survey, 2001-02.

*Projection - UTM Datum - WGS 84*

Magnetic Variation from True North about 2° West in 2005.
(Annual change negligible)

1:50,000

500 m to 1 cm 2 cm to 1 km

Metres 1000 500 0 1 2 3 Kilometres

CONTOUR INTERVAL 20 METRES

*For further details about this map, please contact*
Director
Karnātaka Geo-Spatial Data Centre
Survey of India, Koramangala II Block
Bangalore.

*WEBSITE - www.surveyofindia.gov.in*

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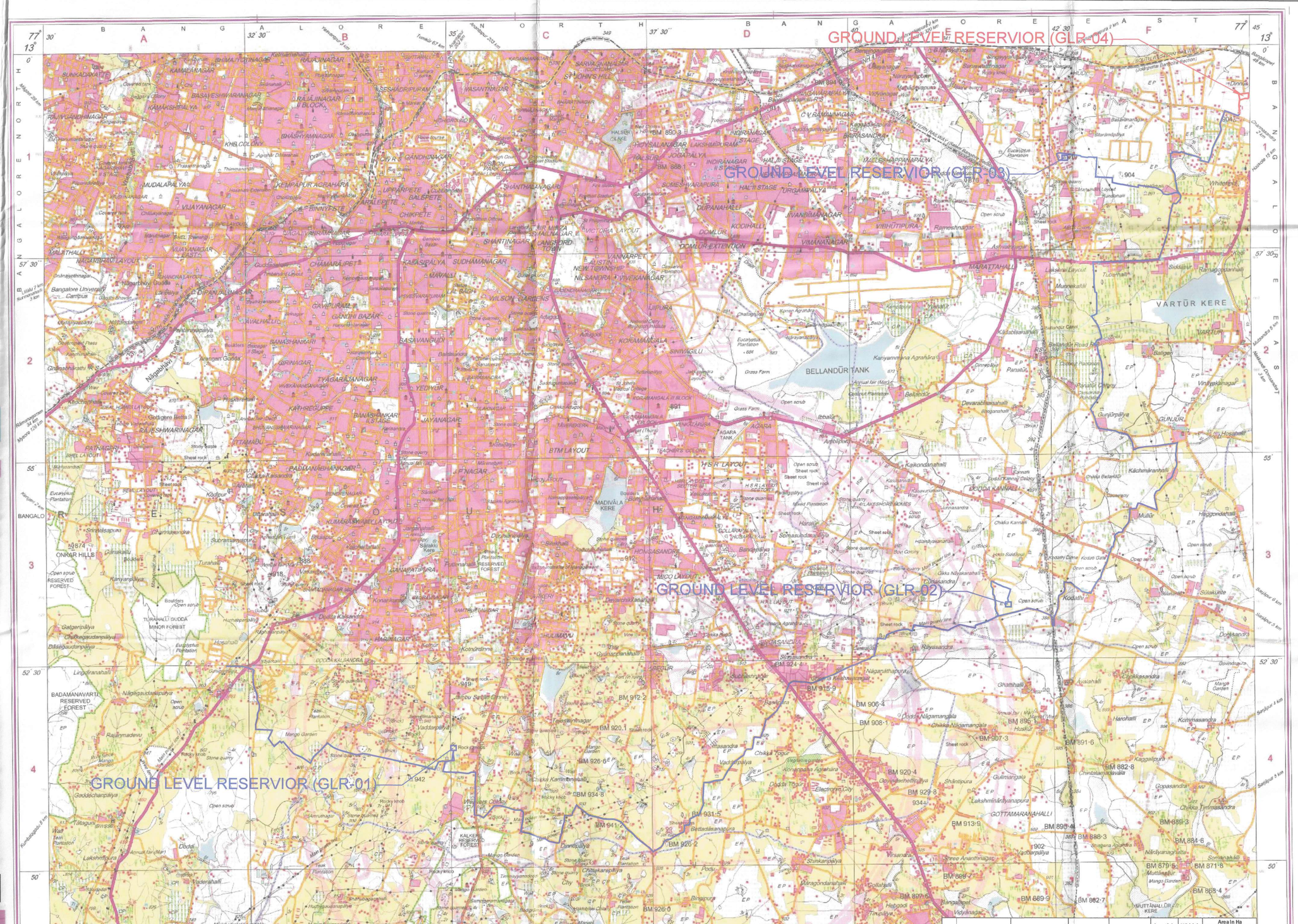


| Sl No | Components | Village Name | Taluk | District | Length In M | Width In M | Area In Ha Non Forest Area | Area In Ha Forest Area |
|---|---|---|---|---|---|---|---|---|
| 1 | Ground Level Reservoir (GLR-04) | Kadugudi Plantation | Bengaluru East | Bengaluru Urban | 200.000 | 120.000 | - | 2.4000 |
| | Pipe Line | Kadugudi Plantation | Bengaluru East | Bengaluru Urban | 281.000 | 1.000 | - | 0.0281 |
| 2 | Pipe Line | J I Pattadduru Agrahara | Bengaluru East | Bengaluru Urban | 2,927.000 | 1.000 | 0.2927 | - |
| 3 | Pipe Line | Nallurahalli | Bengaluru East | Bengaluru Urban | 2,651.000 | 1.000 | 0.2651 | - |
| 4 | Pipe Line | Kudalahalli | Bengaluru East | Bengaluru Urban | 1,182.000 | 1.000 | 0.1182 | - |
| 5 | Pipe Line | KG Sonnenahalli | Bengaluru East | Bengaluru Urban | 992.000 | 1.000 | 0.0992 | - |
| | Pipe Line | Doddanekundhi | Bengaluru East | Bengaluru Urban | 561.000 | 1.000 | 0.0561 | - |
| 6 | Existing Ground Level Reservoir (GLR-03) | Doddanekundhi | Bengaluru East | Bengaluru Urban | - | - | - | - |
| 7 | Pipe Line | Ramagondanahalli | Bengaluru East | Bengaluru Urban | 222.000 | 1.000 | 0.0222 | - |
| 8 | Pipe Line | Siddapura | Bengaluru East | Bengaluru Urban | 1,375.000 | 1.000 | 0.1375 | - |
| 9 | Pipe Line | Thubarahalli | Bengaluru East | Bengaluru Urban | 2,105.000 | 1.000 | 0.2105 | - |
| 10 | Pipe Line | Bellandur Amanikere | Bengaluru East | Bengaluru Urban | 523.000 | 1.000 | 0.0523 | - |
| 11 | Pipe Line | Panathur | Bengaluru East | Bengaluru Urban | 358.000 | 1.000 | 0.0358 | - |
| 12 | Pipe Line | Balagere | Bengaluru East | Bengaluru Urban | 990.000 | 1.000 | 0.0990 | - |
| 13 | Pipe Line | Gunjuru | Bengaluru East | Bengaluru Urban | 3,549.000 | 1.000 | 0.3549 | - |
| 14 | Pipe Line | Kandhamaranahalli | Bengaluru East | Bengaluru Urban | 1,623.000 | 1.000 | 0.1623 | - |
| 15 | Pipe Line | Mulluru | Bengaluru East | Bengaluru Urban | 1,014.000 | 1.000 | 0.1014 | - |
| 16 | Pipe Line | Kodathi | Bengaluru East | Bengaluru Urban | 4,567.000 | 1.000 | 0.4567 | - |
| | Pipe Line | Hadosiddapura | Bengaluru East | Bengaluru Urban | 624.000 | 1.000 | 0.0624 | - |
| 17 | Ground Level Reservoir (GLR-02) | Hadosiddapura | Bengaluru East | Bengaluru Urban | 89.500 | 90.100 | 3.8518 | - |
| 18 | Pipe Line | Chikkanayakanahalli | Bengaluru East | Bengaluru Urban | 2,110.000 | 1.000 | 0.2110 | - |
| 19 | Pipe Line | Rayasandra | Anekal | Bengaluru Urban | 2,067.000 | 1.000 | 0.2067 | - |
| 20 | Pipe Line | K G Nagenahalli | Bengaluru South | Bengaluru Urban | 1,024.000 | 1.000 | 0.1024 | - |
| 21 | Pipe Line | Singasandra | Bengaluru South | Bengaluru Urban | 615.000 | 1.000 | 0.0615 | - |
| 22 | Pipe Line | Basapura | Bengaluru South | Bengaluru Urban | 909.000 | 1.000 | 0.0909 | - |
| 23 | Pipe Line | Chikkathogur | Bengaluru South | Bengaluru Urban | 1,241.000 | 1.000 | 0.1241 | - |
| 24 | Pipe Line | Vittasandra | Bengaluru South | Bengaluru Urban | 1,551.000 | 1.000 | 0.1551 | - |
| 25 | Pipe Line | Bettadasanapura | Bengaluru South | Bengaluru Urban | 2,186.000 | 1.000 | 0.2186 | - |
| 26 | Pipe Line | Mylasandra | Bengaluru South | Bengaluru Urban | 1,249.000 | 1.000 | 0.1249 | - |
| 27 | Pipe Line | K G Hommadevanahalli | Bengaluru South | Bengaluru Urban | 3,255.000 | 1.000 | 0.3255 | - |
| 28 | Pipe Line | Basavapura | Bengaluru South | Bengaluru Urban | 1,186.000 | 1.000 | 0.1186 | - |
| 29 | Pipe Line | Gottigere | Bengaluru South | Bengaluru Urban | 838.000 | 1.000 | 0.0838 | - |
| | Pipe Line | Pillaganahalli | Bengaluru South | Bengaluru Urban | 1,673.000 | 1.000 | 0.1673 | - |
| 30 | Ground Level Reservoir (GLR-01) | Pillaganahalli | Bengaluru South | Bengaluru Urban | 69.500 | 74.800 | 4.6003 | - |
| 31 | Pipe Line | J I Kembatthahalli | Bengaluru South | Bengaluru Urban | 1,108.000 | 1.000 | 0.1108 | - |
| 32 | Pipe Line | Gollahalli | Bengaluru South | Bengaluru Urban | 857.000 | 1.000 | 0.0857 | - |
| 33 | Pipe Line | Anjanapura | Bengaluru South | Bengaluru Urban | 2,294.000 | 1.000 | 0.2294 | - |
| 34 | Pipe Line | Mallasandra | Bengaluru South | Bengaluru Urban | 1,138.000 | 1.000 | 0.1138 | - |
| 35 | Pipe Line | K G Vajarahalli | Bengaluru South | Bengaluru Urban | 1,437.000 | 1.000 | 0.1437 | - |
| | | | | Total Area In Ha. | | | 13.7424 | 2.4281 |

**DGPS Co-ordinates of the Forest Area Proposed for the Diversion**
Datum : WGS84

| Sl. No. | Co-ordinates Northing | Co-ordinates Easting | Coading | Sl. No. | Co-ordinates Northing | Co-ordinates Easting | Coading | Sl. No. | Co-ordinates Northing | Co-ordinates Easting | Coading |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 12.9859 | 77.74882 | D-01 | 26 | 12.989 | 77.74989 | D-26 | 51 | 12.98949 | 77.74874 | D-51 |
| 2 | 12.98612 | 77.74881 | D-02 | 27 | 12.98902 | 77.75 | D-27 | 52 | 12.98913 | 77.74877 | D-52 |
| 3 | 12.98631 | 77.7488 | D-03 | 28 | 12.98901 | 77.75018 | D-28 | 53 | 12.98913 | 77.7488 | D-53 |
| 4 | 12.98651 | 77.74879 | D-04 | 29 | 12.98899 | 77.75037 | D-29 | 54 | 12.98895 | 77.74882 | D-54 |
| 5 | 12.98669 | 77.74878 | D-05 | 30 | 12.98899 | 77.75046 | D-30 | 55 | 12.98877 | 77.74885 | D-55 |
| 6 | 12.98688 | 77.74877 | D-06 | 31 | 12.98901 | 77.75056 | D-31 | 56 | 12.9887 | 77.74886 | D-56 |
| 7 | 12.9871 | 77.74875 | D-07 | 32 | 12.98911 | 77.75063 | D-32 | 57 | 12.9887 | 77.74886 | D-57 |
| 8 | 12.98729 | 77.74873 | D-08 | 33 | 12.98926 | 77.75066 | D-33 | 58 | 12.98868 | 77.74882 | D-58 |
| 9 | 12.98747 | 77.74871 | D-09 | 34 | 12.98944 | 77.75068 | D-34 | 59 | 12.9885 | 77.74879 | D-59 |
| 10 | 12.98766 | 77.7487 | D-10 | 35 | 12.98962 | 77.75067 | D-35 | 60 | 12.98831 | 77.74877 | D-60 |
| 11 | 12.98777 | 77.74871 | D-11 | 36 | 12.9898 | 77.75067 | D-36 | 61 | 12.98813 | 77.74875 | D-61 |
| 12 | 12.98795 | 77.74873 | D-12 | 37 | 12.98998 | 77.75066 | D-37 | 62 | 12.98795 | 77.74873 | D-62 |
| 13 | 12.98813 | 77.74876 | D-13 | 38 | 12.99016 | 77.75066 | D-38 | 63 | 12.98777 | 77.7487 | D-63 |
| 14 | 12.98831 | 77.74878 | D-14 | 39 | 12.99034 | 77.75048 | D-39 | 64 | 12.98766 | 77.74869 | D-64 |
| 15 | 12.98849 | 77.7488 | D-15 | 40 | 12.99022 | 77.7503 | D-40 | 65 | 12.98747 | 77.74871 | D-65 |
| 16 | 12.98867 | 77.74883 | D-16 | 41 | 12.99 | 77.75011 | D-41 | 66 | 12.98729 | 77.74872 | D-66 |
| 17 | 12.98869 | 77.74886 | D-17 | 42 | 12.98988 | 77.74993 | D-42 | 67 | 12.9871 | 77.74874 | D-67 |
| 18 | 12.98869 | 77.74886 | D-18 | 43 | 12.98986 | 77.74975 | D-43 | 68 | 12.98688 | 77.74876 | D-68 |
| 19 | 12.98867 | 77.74882 | D-19 | 44 | 12.98984 | 77.74956 | D-44 | 69 | 12.98669 | 77.74877 | D-69 |
| 20 | 12.98873 | 77.74904 | D-20 | 45 | 12.98982 | 77.74938 | D-45 | 70 | 12.9865 | 77.74878 | D-70 |
| 21 | 12.98876 | 77.74913 | D-21 | 46 | 12.9899 | 77.7492 | D-46 | 71 | 12.98631 | 77.74879 | D-71 |
| 22 | 12.98882 | 77.7493 | D-22 | 47 | 12.98988 | 77.74901 | D-47 | 72 | 12.98612 | 77.7488 | D-72 |
| 23 | 12.98887 | 77.74948 | D-23 | 48 | 12.98987 | 77.74887 | D-48 | 73 | 12.9859 | 77.74881 | D-73 |
| 24 | 12.98889 | 77.74955 | D-24 | 49 | 12.98985 | 77.74868 | D-49 | | | | |
| 25 | 12.98895 | 77.74972 | D-25 | 50 | 12.98967 | 77.74871 | D-50 | | | | |

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