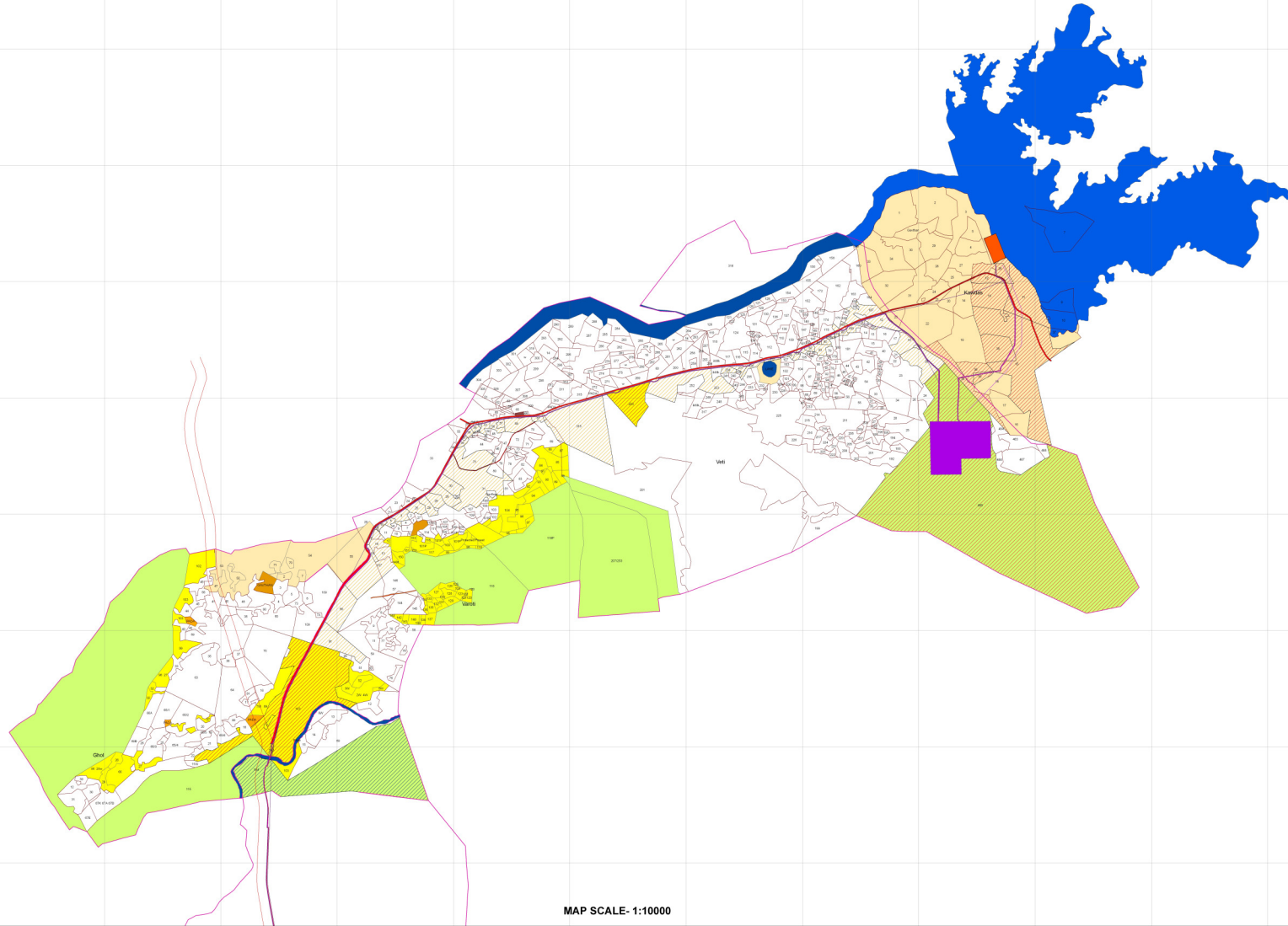


MAP SHOWING ALTERNATIVE ALIGNMENTS FOR CLEARANCE OF FOREST & NON-FOREST AREA FOR 403 MLD SURYA REGIONAL WATER SUPPLY SCHEME TO PROVIDE BULK WATER SUPPLY TO WESTERN SUB-REGION OF MMR.



MAP SCALE- 1:10000

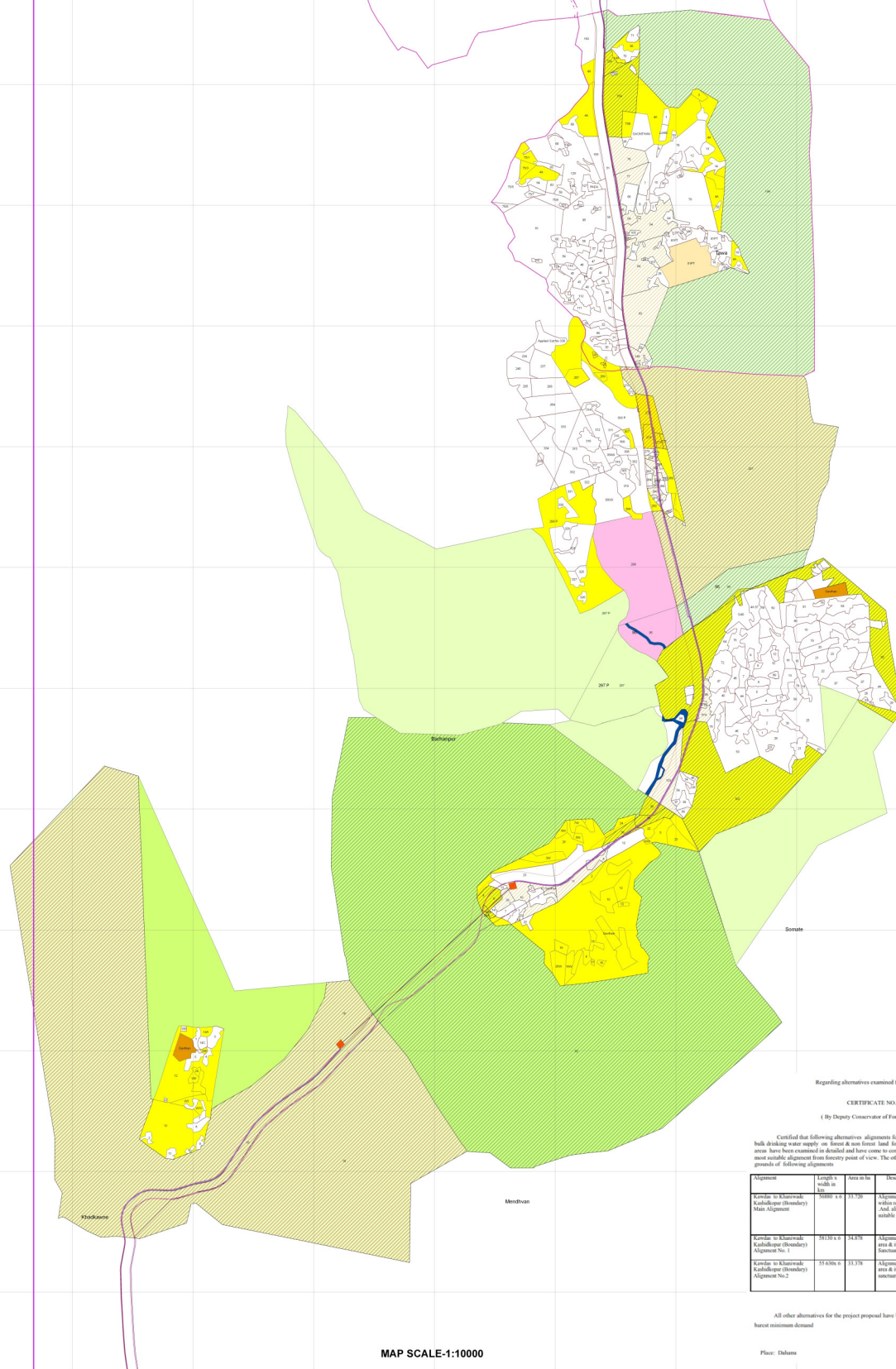
Legend	W.R. Village	W.R. Village
Water Body (Blue)	Water Body (Blue)	Water Body (Blue)
Forest Area (Green)	Forest Area (Green)	Forest Area (Green)
Non-Forest Area (Yellow)	Non-Forest Area (Yellow)	Non-Forest Area (Yellow)
Proposed Alignment (Red)	Proposed Alignment (Red)	Proposed Alignment (Red)
Other Features (Pink, Purple, etc.)	Other Features (Pink, Purple, etc.)	Other Features (Pink, Purple, etc.)

Surya Project Extent, Dahanu Forest Division			
Sr.no.	Point	Longitude	Latitude
1	A	72.90567	19.921
2	B	72.99798	19.921
3	C	72.90567	19.4931
4	D	72.99798	19.4931

Surya Project Extent, Dahanu Forest Division			
Sr.no.	Point	Longitude	Latitude
1	A	72.90567	19.921
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<p>(R. P.Varhade) Superintending Engineer W.S.R.M Cell MMRDA</p>	<p>(N P Ladkat) Deputy Conservator of Forests, Dahanu Forest Division,Dahanu</p>
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MAP SHOWING ALTERNATIVE ALIGNMENTS FOR CLEARANCE OF FOREST & NON-FOREST AREA FOR 403 MLD SURYA REGIONAL WATER SUPPLY SCHEME TO PROVIDE BULK WATER SUPPLY TO WESTERN SUB-REGION OF MMR.



Regarding alternatives examined for linear project.

CERTIFICATE NO. 27

(By Deputy Conservator of Forests, Dahanu)

Certified that following alternative alignments for laying of underground steel pipeline for bulk drinking water supply on forest & non forest land for proposed Dahanu division forest division area have been examined in detail and have come to conclusion that the main alignment is the most suitable alignment from forestry point of view. The other alternatives are being rejected on grounds of following alignments.

Alignment	Length in km	Area in ha	Description
Kerda to Khandwa (Boundary) Main Alignment	10.950	11.950	Alignment is selected because minimum length lies within required less use of National Highway No.8 And alignment is technically and commercially suitable for the project.
Kerda to Khandwa (Boundary) Alignment No.1	10.950	14.850	Alignment is rejected because it requires more forest area & it passes through Tangarebwar Wildlife Sanctuary area of dense forest.
Kerda to Khandwa (Boundary) Alignment No.2	11.650	11.750	Alignment is rejected because it requires more forest area & it passes through Tangarebwar Wildlife sanctuary area & existing buildings.

All other alternatives for the project proposal have been explored and required forest area is hence minimum demand.

Place: Dahanu

(N.S.Ladkat)
Deputy Conservator of Forests,
Dahanu

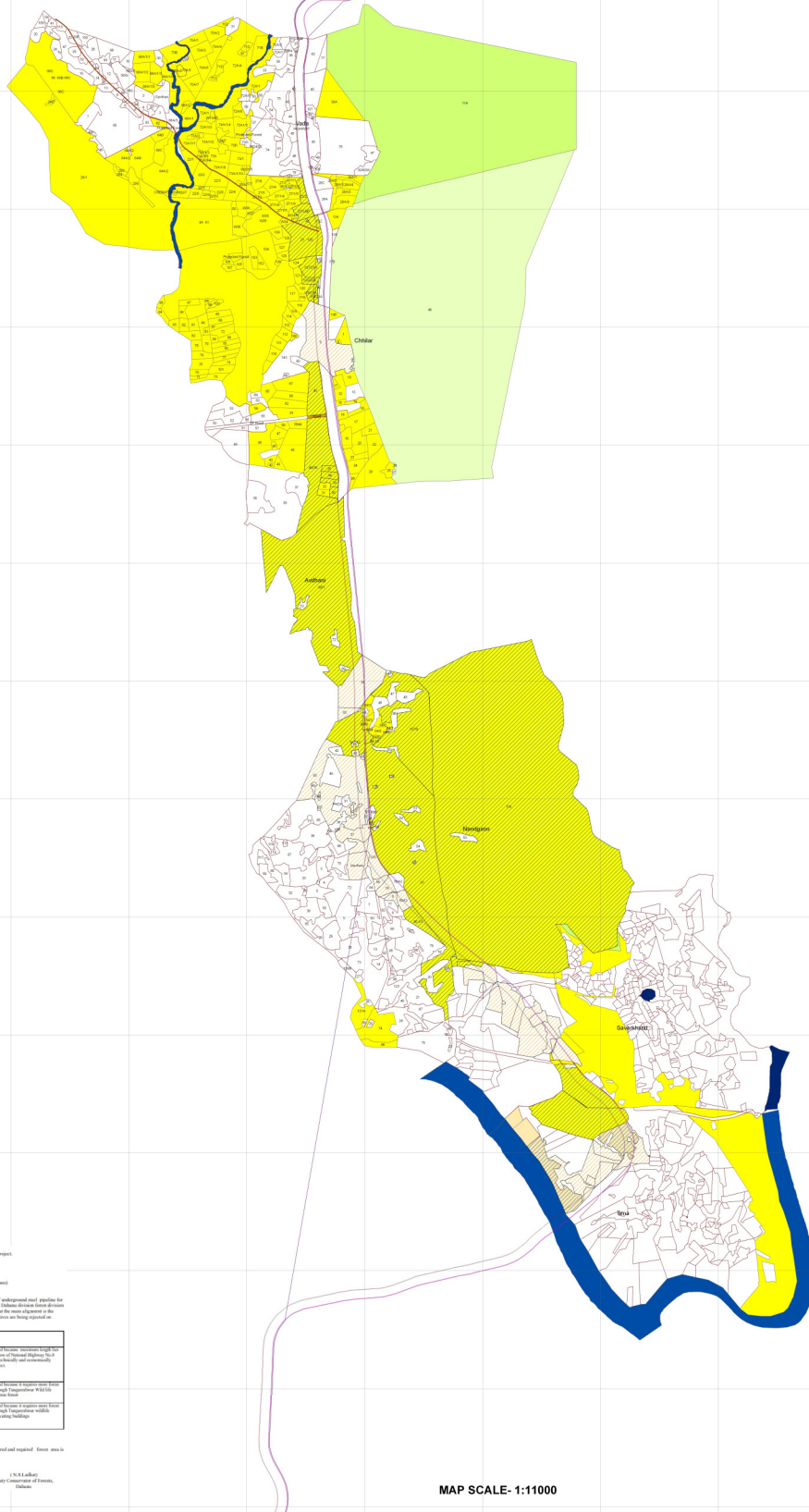
Legend	Symbol	Symbol	Symbol
Water body (River, Canal, Lake, Pond, etc.)	Blue line	Water body (River, Canal, Lake, Pond, etc.)	Blue line
Forest area (Forest, etc.)	Green area	Forest area (Forest, etc.)	Green area
Non-forest area (Non-forest, etc.)	Yellow area	Non-forest area (Non-forest, etc.)	Yellow area
Other land use (Other land use, etc.)	Other land use (Other land use, etc.)	Other land use (Other land use, etc.)	Other land use (Other land use, etc.)
Proposed alignment (Proposed alignment, etc.)	Proposed alignment (Proposed alignment, etc.)	Proposed alignment (Proposed alignment, etc.)	Proposed alignment (Proposed alignment, etc.)
Existing alignment (Existing alignment, etc.)	Existing alignment (Existing alignment, etc.)	Existing alignment (Existing alignment, etc.)	Existing alignment (Existing alignment, etc.)
Boundary (Boundary, etc.)	Boundary (Boundary, etc.)	Boundary (Boundary, etc.)	Boundary (Boundary, etc.)
Settlement (Settlement, etc.)	Settlement (Settlement, etc.)	Settlement (Settlement, etc.)	Settlement (Settlement, etc.)
Other (Other, etc.)	Other (Other, etc.)	Other (Other, etc.)	Other (Other, etc.)

Surya Project Extent_Dahanu Forest Division				
Sr.no.	Point	Longitude	Latitude	
1	A	72.90567	19.921	
2	B	72.99798	19.921	
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(R.P.Varhade)
Superintending Engineer
W.S.R.M Cell
MMRDA

(N.P.Ladkat)
Deputy Conservator of Forests,
Dahanu Forest Division,Dahanu

MAP SHOWING ALTERNATIVE ALIGNMENTS FOR CLEARANCE OF FOREST & NON-FOREST AREA FOR 403 MLD SURYA REGIONAL WATER SUPPLY SCHEME TO PROVIDE BULK WATER SUPPLY TO WESTERN SUB-REGION OF MMR.



Regarding alternatives examined for these project

CERTIFICATE No. 27
(By Deputy Conservator of Forests, Daham)

Certified that following alternative alignments for being of endowment area, suitable for both drinking water supply on large & small scale, for proposed alternative forest division area have been examined in detail and have come to conclusion that the same alignment in the area suitable clearance from forestry point of view. The alternative are being reported as per details of following alignment:

Sl. No.	Location	Area (Ha)	Description
1	Ardhari to Navdipin (Bhadracharya)	10.15	Alignment in proposed forest division area, suitable for both drinking water supply on large & small scale, for proposed alternative forest division area have been examined in detail and have come to conclusion that the same alignment in the area suitable clearance from forestry point of view. The alternative are being reported as per details of following alignment:
2	Ardhari to Navdipin (Bhadracharya)	10.15	Alignment in proposed forest division area, suitable for both drinking water supply on large & small scale, for proposed alternative forest division area have been examined in detail and have come to conclusion that the same alignment in the area suitable clearance from forestry point of view. The alternative are being reported as per details of following alignment:
3	Ardhari to Navdipin (Bhadracharya)	10.15	Alignment in proposed forest division area, suitable for both drinking water supply on large & small scale, for proposed alternative forest division area have been examined in detail and have come to conclusion that the same alignment in the area suitable clearance from forestry point of view. The alternative are being reported as per details of following alignment:

All other alternatives for the project proposed have been explained and reported. Same area is forest extension cleared.

Place: Daham
Deputy Conservator of Forests,
Daham

MAP SCALE- 1:11000

Legend

Forest	Ardhari_village_A_Forest_area	Navdipin_village_A_Forest_area
Non-Forest	Ardhari_village_A_Forest_area	Navdipin_village_A_Forest_area
Water	Ardhari_village_A_Forest_area	Navdipin_village_A_Forest_area
Settlement	Ardhari_village_A_Forest_area	Navdipin_village_A_Forest_area
Other	Ardhari_village_A_Forest_area	Navdipin_village_A_Forest_area
...

Surya Project Extent, Daham Forest Division			
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(R. P. Varhade)
Superintending Engineer
W. S. R. M. Cell
MMRDA

(N. P. Laddat)
Deputy Conservator of Forests,
Daham Forest Division, Daham

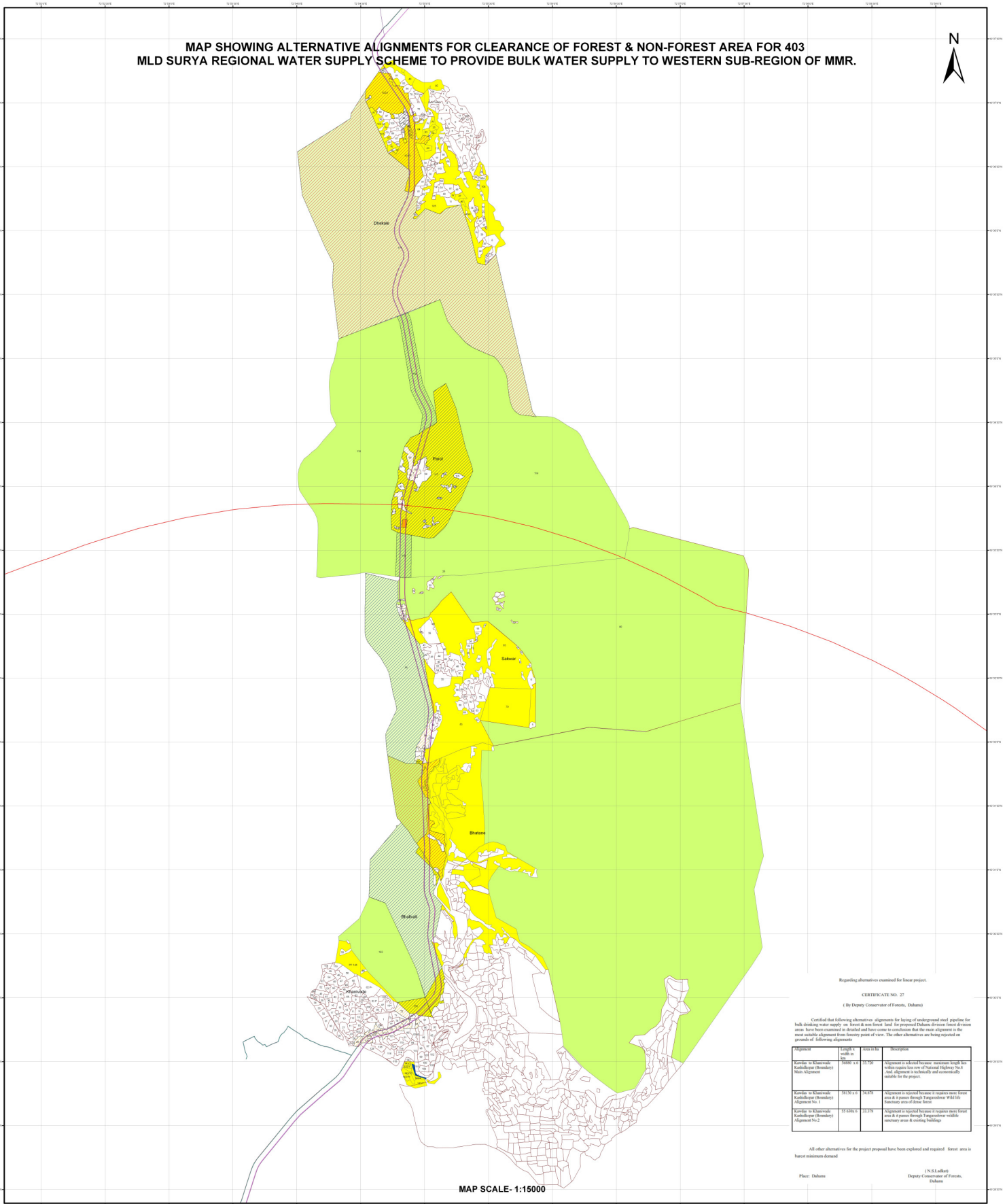


Place: Dohura
(N.S.Ladkat)
Deputy Conservator of Forests,
Dohura

(N P Ladkat)
Deputy Conservator of Forests,
Dahanu Forest Division,Dahanu

[illegible]

MAP SHOWING ALTERNATIVE ALIGNMENTS FOR CLEARANCE OF FOREST & NON-FOREST AREA FOR 403
MLD SURYA REGIONAL WATER SUPPLY SCHEME TO PROVIDE BULK WATER SUPPLY TO WESTERN SUB-REGION OF MMR.



MAP SCALE - 1:15000

Regarding alternatives examined for linear project.

CERTIFICATE No. 27
(By Deputy Conservator of Forests, Dahanu)

Certified that following alternative alignments for laying of underground steel pipeline for bulk drinking water supply, as forest & non forest land for proposed Dahanu Division forest division areas have been examined in detail and have come to conclusion that the area alignment is the most suitable alignment from forestry point of view. The other alternatives are being rejected on grounds of following alignments.

Alignment	Length in Km	Area in ha	Description
Kandhar to Khandol Kandhar (Boundary) Main Alignment	0.000	0.00	Alignment is selected because it requires least forest area & crosses through Tangachwar Wildlife Sanctuary area of Dahadu forest
Kandhar to Khandol Kandhar (Boundary) Alignment No. 1	0.000	0.00	Alignment is rejected because it requires more forest area & crosses through Tangachwar Wildlife Sanctuary area of Dahadu forest
Kandhar to Khandol Kandhar (Boundary) Alignment No. 2	0.000	0.00	Alignment is rejected because it requires more forest area & crosses through Tangachwar Wildlife Sanctuary area of Dahadu forest

All other alternatives for the project proposal have been explored and rejected. Forest area is hence minimum desired.

(N P Laddkar)
Deputy Conservator of Forests,
Dahanu

Legend	Dahanu_village	Dahanu_village_A_Forest_area
Forest alignment	Forest	Forest
Non-forest alignment	Non-forest	Non-forest
Water body	Water body	Water body
ECI, PWD, District	ECI, PWD, District	ECI, PWD, District
Forest protection zone	Forest protection zone	Forest protection zone
Non-forest protection zone	Non-forest protection zone	Non-forest protection zone
Water body protection zone	Water body protection zone	Water body protection zone
Forest alignment	Forest alignment	Forest alignment
Non-forest alignment	Non-forest alignment	Non-forest alignment
Water body alignment	Water body alignment	Water body alignment
Forest protection zone	Forest protection zone	Forest protection zone
Non-forest protection zone	Non-forest protection zone	Non-forest protection zone
Water body protection zone	Water body protection zone	Water body protection zone
Forest alignment	Forest alignment	Forest alignment
Non-forest alignment	Non-forest alignment	Non-forest alignment
Water body alignment	Water body alignment	Water body alignment
Forest protection zone	Forest protection zone	Forest protection zone
Non-forest protection zone	Non-forest protection zone	Non-forest protection zone
Water body protection zone	Water body protection zone	Water body protection zone

Surya Project Extent, Dahanu Forest Division			
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(R. P. Varhade)
Superintending Engineer
W.S.R.M Cell
MMRDA

(N P Laddkar)
Deputy Conservator of Forests,
Dahanu Forest Division, Dahanu