



निर्वात के लिए नहीं NOT FOR EXPORT

OPEN SERIES
MAP

No. F44S5

Scale 1:50,000

F44M4 (55K/4)	F44M8 (55K/8)	Nagpur MAHARASHTRA F44M12 (55K/12)
F44S1 (55L/1) Amravati MAHARASHTRA	F44S5 (55L/5) Wardha MAHARASHTRA	F44S9 (55L/9)
F44S2 (55L/2) Yavatmal MAHARASHTRA	F44S6 (55L/6)	F44S10 (55L/10)

भारतीय सर्वेक्षण विभाग SURVEY OF INDIA

1st Edition 2009.

Price : Rs. 50/-

CONVENTIONAL SYMBOLS

Express highway with full width bridge with distance stone	...
Roads, metalled, according to importance	...
Roads, double carriageway, according to importance	...
Unmetalled road, cart track, black-top with pass, foot-path	...
Streams, with track in bed, undefined, canal	...
Dam, masonry or rock-filled, earthenwork, weir	...
River, dry with water channel, with island & rocks, tidal river	...
Submerged rocks, shoal, swamp, reeds	...
Water head, surface, tide-gate, spring, tank, perennial, dry	...
Embankment, road or rail track, broken ground	...
Railways, broad gauge, double, single with station, under construction	...
Railways, other gauges, double, single with distance stone, etc.	...
Mineral line or tramway, kiln, cutting with tunnel	...
Contours with sub-features, rocky slopes, cliffs	...
Sand features (1/16th) (2/32nd hills/ground) (2/32nd hills/ground)	...
Towns or Villages, inhabited, deserted, Fort	...
Habit permanent, temporary, tower, antiquities	...
Temples, Church, Mosque, Light, Tower, Graves	...
Lighthouses, Lightships, buoy, signal, unlighted, Anchorage	...
Mine, Veneer India, Grass, Sand	...
Palms, papyrus, other Plantain, Conifer, Bamboo, Other trees	...
Arrest, outcrops, wooded, Surveyed tree	...
Boundary, international	...
State demarcated, undemarcated	...
district, subdivision, taluk or Muka, forest	...
Boundary pillars, surveyed, unlocated	...
Height, triangulation, station, point, approximate	...
Height, spot, approximate, station, point, approximate	...
Spot height, spot, approximate, station, point, approximate	...
Post office, Telegraph office, Overland tele	...
Rest house or inspection bungalow, Civil house, Police station	...
Camping ground, Forest, reserved, protected	...
Speed names, administrative, locality or tribal	...
Hospital, Dispensary, Veterinary Hospital / Dispensary	...
Aerodrome, Heliport, Tourist site	...
Power line, with pylons surveyed, with poles unsurveyed	...

Route of Proposed Pipeline

Samruddhi Highway ROW

NOTES -

Heights are in metres and above Indian mean sea level.
Contours are approximate.
A relative height, 'x', represents the approximate height, in metres, between the top and bottom of a steep slope.
The triangulated heights and contours in this sheet have not been adjusted to the heights of the spirit levelled benchmarks and may not be entirely in accordance with them.
Tanks shown dry, in this area usually contain water from July to December.
Unmetalled roads are generally motorable and cart-tracks passable in dry season.
Hand pump is shown thus.

COMPILATION INDEX

A. Compiled from 1:25,000 survey, 1959-62. Updated for major details during 2009-11.

Projection - UTM Datum - WGS 84

Magnetic Variation from True North about 3° West in 2005.

(Decreasing by about 1° annually)

Scale 1:50,000

CONTOUR INTERVAL 10 METRES

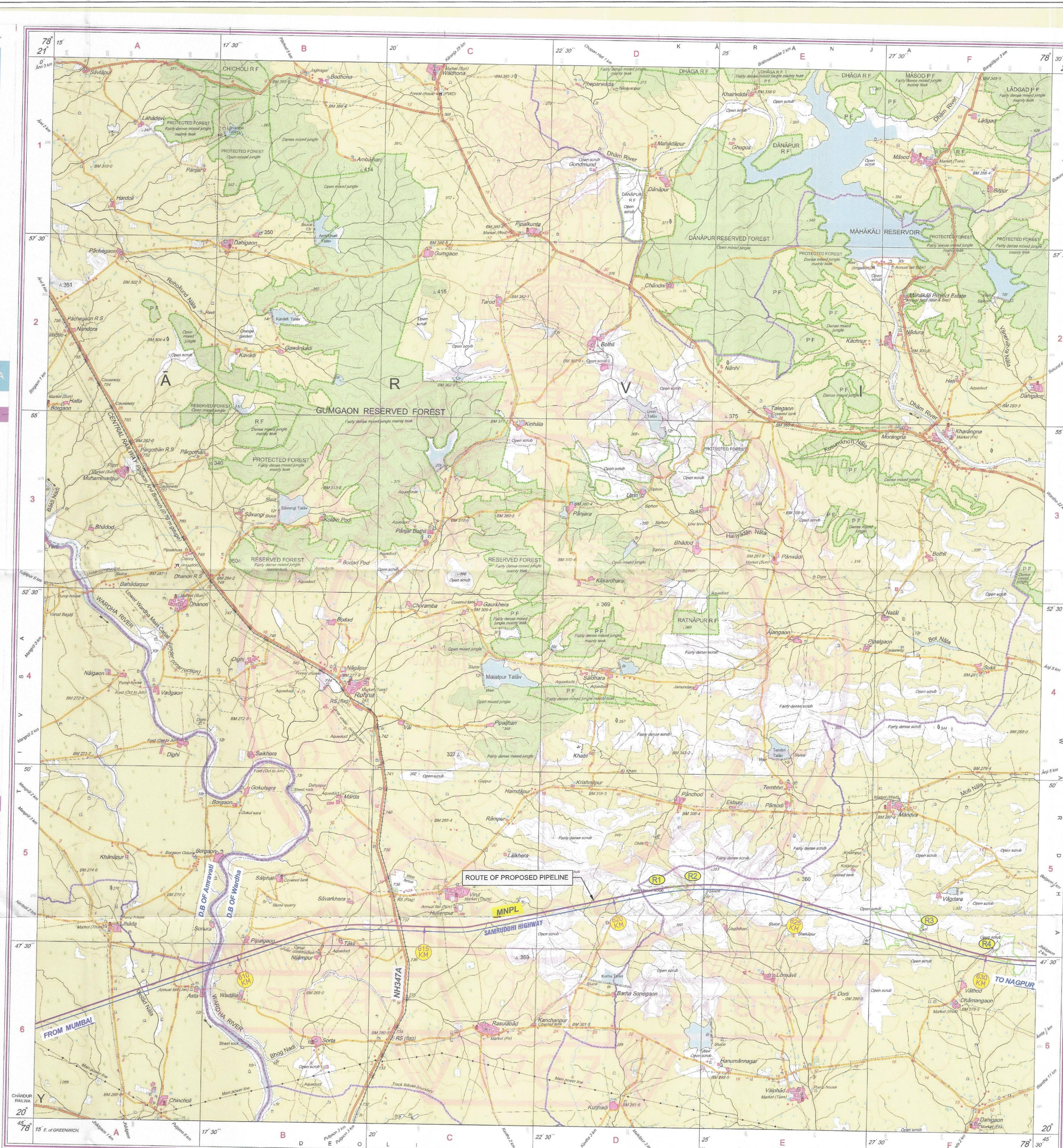
For further details about this map, please contact

Director
Maharashtra & Goa Geo-Spatial Data Centre
Survey of India, Phule Nagar, Alandi Road
Pune.
Fax : 020 - 26614665

WEBSITE - www.surveyofindia.gov.in

Reproduction in whole or part by any means is prohibited without the written permission of Survey of India, the National Mapping Agency.

GOVERNMENT OF INDIA COPYRIGHT, 2009



REG. No. 8778 - SPD D709 (Maharashtra & Goa GDC-1:50,000-151)

कार्ट के सम्बन्धित अधिकार सुरक्षित हैं।
Published under the direction of Surveyor General of India,
Survey of India, Hathi Bunka Estate, Post Box No. 37, Dehra Dun - 244001 (Uttarakhand),
Department of Science & Technology, Government of India.

PRINTED AT THE SOUTHERN PRINTING GROUP OF SURVEY OF INDIA.



01/03

MUMBAI NAGPUR SECTION OF MNPL PROJECT									
MUMBAI - NAGPUR PROPOSED GAS PIPELINE (MNPL)									
Reserved Forest to be Diverted District Wardha									
Sr. No.	Name of the Forest Land	Width (m)	Area of Forest Land in Sq. m	Area of Forest Land in Hectare	Name of Village	Name of Taluka	Name of District		
R1	Forest Land in S.no.122	193.24	3	571.65	0.0572	Lonsavali	Wardha	Wardha	
R2	Forest Land in S.no.127	163.24	3	489.71	0.0490	Lonsavali	Wardha	Wardha	
R3	Forest Land in S.no.165	806.90	3	2420.71	0.2421	Dhamangan	Wardha	Wardha	
R4	Forest Land in S.no.183	673.36	3	2020.07	0.2020	Wadoda	Wardha	Wardha	

No	Sr No	Easting	Northing	Longitude	Latitude
R1	1	230154.565	2302931.639	78° 24' 27.16"	20° 48' 24.36"
	2	230155.796	2302928.794	78° 24' 27.2"	20° 48' 24.26"
	3	230343.11	2302955.39	78° 24' 33.66"	20° 48' 25.23"
	4	230345.559	2302952.662	78° 24' 33.75"	20° 48' 25.14"
R2	1	230357.31	2302957.077	78° 24' 34.15"	20° 48' 25.29"
	2	230359.935	2302954.369	78° 24' 34.24"	20° 48' 25.2"
	3	230385.468	2302960.421	78° 24' 35.12"	20° 48' 25.41"
	4	230392.412	2302958.227	78° 24' 35.38"	20° 48' 25.34"
	5	230503.768	2302968.964	78° 24' 39.21"	20° 48' 25.75"
	6	230505.804	2302972.147	78° 24' 39.27"	20° 48' 25.85"
	7	230636.562	2302980.33	78° 24' 43.79"	20° 48' 26.19"
	8	230637.669	2302983.434	78° 24' 43.83"	20° 48' 26.29"
R3	1	235718.579	2301946.45	78° 27' 39.99"	20° 47' 55.22"
	2	235718.922	2301943.216	78° 27' 40"	20° 47' 55.11"
	3	236490.662	2301714.119	78° 28' 6.8"	20° 47' 48.06"
	4	236491.969	2301711.188	78° 28' 6.84"	20° 47' 47.97"
	5	236497.991	2301708.783	78° 28' 7.05"	20° 47' 47.89"
R4	1	236688.609	2301108.431	78° 29' 23.08"	20° 47' 29.49"
	2	236690.264	2301111.177	78° 29' 23.14"	20° 47' 29.59"
	3	236951.085	2301068.401	78° 29' 32.17"	20° 47' 28.33"
	4	236951.478	2301071.373	78° 29' 32.18"	20° 47' 28.42"
	5	239182.714	2301041.592	78° 29' 40.19"	20° 47' 27.57"
	6	239183.011	2301044.575	78° 29' 40.2"	20° 47' 27.67"
	7	239357.072	2301030.089	78° 29' 46.22"	20° 47' 27.29"
	8	239359.211	2301026.903	78° 29' 46.3"	20° 47' 27.18"

GAIL (India) LIMITED.
(A Govt. of India Undertaking)
JUBILEE TOWER, 5 & 6th FLOOR, 6TH FLOOR,
B-35, 36 SECTOR-1, NOIDA 201301, G.B. NAGAR (U.P.) India

PROJECT: MUMBAI NAGPUR SECTION OF MNPL PROJECT

SECTION: MUMBAI - NAGPUR PROPOSED GAS PIPELINE (MNPL)

SECTION: Details of Reserved Forest to be Diverted District Wardha

TITLE: SOI MAP CODE: MNPL

THEODESH CONSULTANTS

82-83, 3rd Floor, Suryakiran Complex, Old Padra Road Vadodra - 390 015

Phone - (0265) 2339115 / 2339492 Tele Fax No. - (0265) 2339492

Email - theodesh@tdc.in, theodesh@gmail.com

Scale 1:50,000 Job No. TDC-GAIL-MNPL-20-P19-RF-WARDHA-RM-01

Drawing / Document No. Sheet 01-03

Rev. 08



Map of Maharashtra showing the distribution of 11 districts. The districts are color-coded: F44M8 (55K/5) is purple; F44M12 (55K/12) is purple; F44M16 (55K/16) is purple; F44S5 (55L/5) is green; F44S9 (55L/9) is green and labeled 'Wardha MAHARASHTRA'; F44S13 (55L/13) is green; F44S6 (55L/6) is green; F44S10 (55L/10) is green; F44S14 (55L/14) is green. The map includes a legend for 'Nagpur MAHARASHTRA' and a scale bar from 0 to 100 km.

1st Edition 2011. Price: R. 33/-

[illegible]

Samruddhi Highway ROW _____

The triangulated heights and contour in this sheet have not been adjusted to the heights of the spirit-levelled beacon-marks and may not be strictly in accordance with them.

The contours and the untriangulated points along rivers are sometimes throughout the year, whereas other untriangulated marks in this sheet are generally inoperative in dry season. Permission to use those along canals and inside the forest areas is required from the Impatiated or Forest officials, respectively.

A relative height, e.g. at marked point A above, indicates the height of the spot of the height in relation to the adjacent country.

A relative height, e.g. at marked point B above, indicates the height of the spot of the height in relation to the adjacent country.

A relative height, e.g. at marked point C above, indicates the height of the spot of the height in relation to the adjacent country.

A. Surveyed during 1976-77. Updated for new deaths using 1:25,000 Survey of 2000-01

Magnetic Variation from True North about $\frac{1}{2}$ West in

(Decreasing by about 1 unit daily)

Scale: 1:50,000

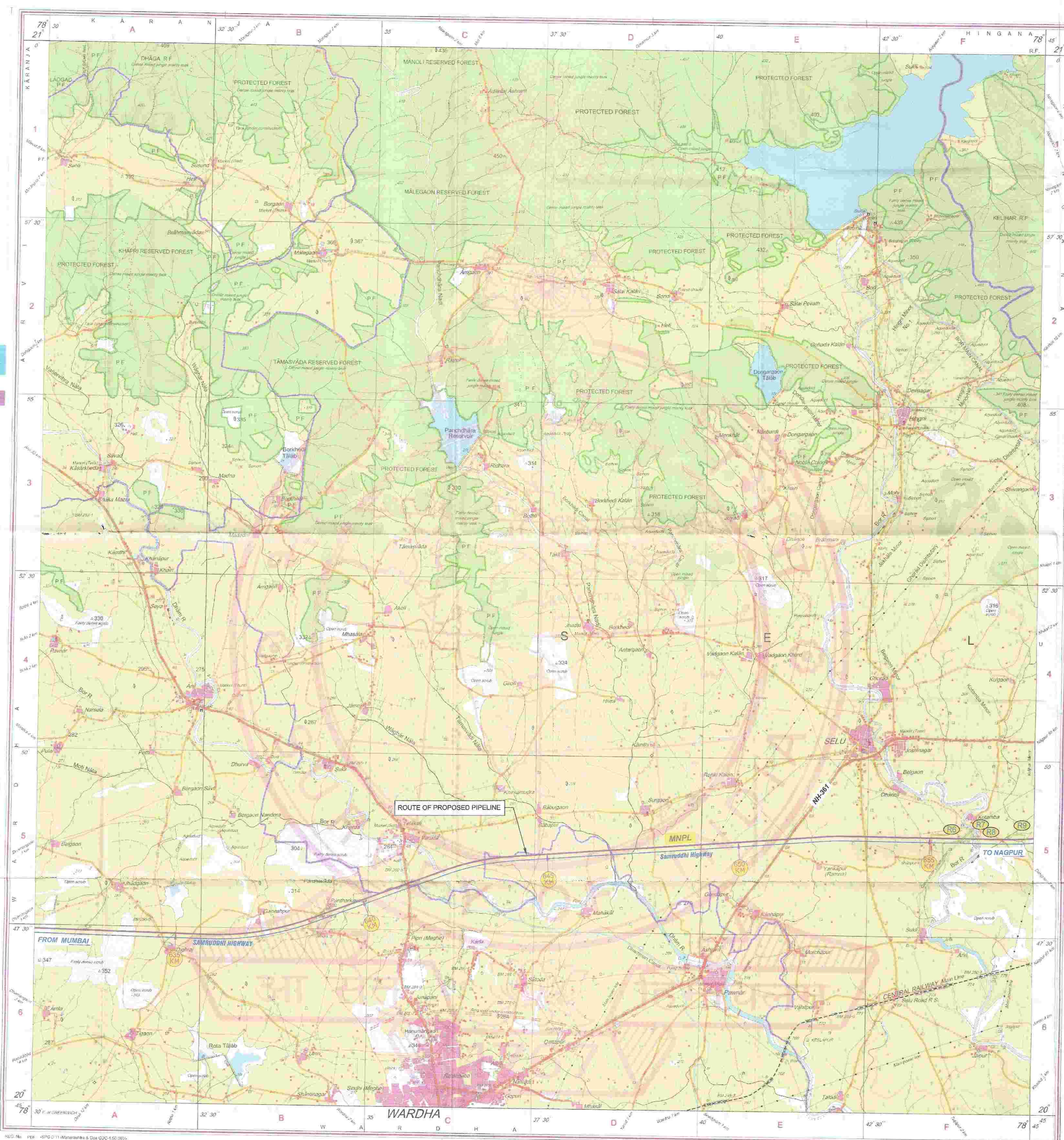
Scale bar: 0 to 3 Kilometers

Scale bar: 0 to 3 Miles

For further details about this stage, please contact
Director
Maharashtra & Goa Geo-Spatial Data Centre
Survey of India, Phule Nagar, Alandi Road,
Pune

Reproduction in whole or part by any means is prohibited without the written permission of Survey of India, the National Mapping Agency.

© GOVERNMENT OF INDIA COPYRIGHT, 2011



भारत के न्यायसर्वेक्षक, स्वर्ण सुब्बा राव, बी०ई०, के निदेशन में प्रकाशित,
Published under the direction of Swarna Subba Rao, B.E., Surveyor General of India,
Survey of India, Hāthibarkala Estate, Post Box No. 37, Dehra Dun - 248001 (Uttarākhānd)
Department of Science & Technology, Government of India

PRINTED AT THE SOUTHERN PRINTING GROUP OF SURVEY OF INDIA

	Reserved Forest to be Diverted District Waraha
--	--

Sr. No.	Name of the Forest Land	Length in Forest (m)	Width (m)	Area of Forest Land in Sq. m	Area of Forest Land in Hectare	Name of Village	Name of Taluka	Name of District
R6	Forest Land in S.no.80	41.49	3	124.47	0.0124	Khadki	Seloo	Wardh
R7	Forest Land in S.no.56	37.72	3	113.15	0.0113	Khadki	Seloo	Wardh
R8	Forest Land in S.no.300	44.99	3	134.97	0.0135	Kotamba	Seloo	Wardh
R9	Forest Land in S.no.206	67.81	3	203.43	0.0203	Kotamba	Seloo	Wardh

No	Sr No	Eastings	Northing	Longitude	Latitude
R6	1	263967.728	2303332.686	78° 43' 55.68"	20° 48' 53.96"
	2	263970.771	2303335.614	78° 43' 55.78"	20° 48' 54.06"
	3	264009.123	2303331.744	78° 43' 57.11"	20° 48' 53.95"
	4	264012.468	2303334.665	78° 43' 57.23"	20° 48' 54.04"
R7	1	264140.081	2303328.763	78° 44' 1.64"	20° 48' 53.91"
	2	264140.989	2303331.74	78° 44' 1.97"	20° 48' 54.01"
	3	264176.55	2303327.933	78° 44' 6.29"	20° 48' 53.97"
R8	1	264180	2303330.852	78° 44' 3.02"	20° 48' 54"
	4	264355.638	2303326.854	78° 44' 9.09"	20° 48' 53.95"
	2	264356.404	2303323.839	78° 44' 9.12"	20° 48' 53.95"
	3	264400.558	2303325.832	78° 44' 10.65"	20° 48' 53.83"
R9	4	264401.547	2303322.812	78° 44' 10.68"	20° 48' 53.84"
	1	265572.613	2303311.294	78° 44' 51.17"	20° 48' 54"
	2	265573.521	2303314.317	78° 44' 51.2"	20° 48' 54.09"
	3	265639.663	2303314.69	78° 44' 53.49"	20° 48' 54.14"
	4	265642.063	2303317.842	78° 44' 53.57"	20° 48' 54.24"

[Signature]

अभिषेक मोहन / Abhishek Mohan
 प्रबन्धक (सर्व एवं मनीषा) / Sr. Manager (S & LR)
 गैल (इंडिया) लिमिटेड / GAIL (India) Limited
 8th Floor, GAIL Jubilee Town
 गैल, जेल जुबली टाउन / 8th Floor, GAIL Jubilee Town
 बी-35 एंड 36, सेक्टर-1, नोएडा-201 301 (उ.प्र.)
 B-35 & 36, Sector-1, Noida-201 301 (U.P.)

CLIENT:  **GAIL (India) LIMITED.**
(A Govt. of India Undertaking)
JUBILEE TOWER, S & LR DEPARTMENT, 8TH FLOOR,
B-35, 38 SECTOR-1, NOIDA 201301, G.B. NAGAR (U.P.) India

PROJECT: **MUMBAI NAGPUR SECTION OF MNJPL PROJECT**

SECTION: **MUMBAI - NAGPUR PROPOSED GAS PIPELINE (MNPL)**

SECTION I

TITLE:	SOI MAP	CODE:	MNPL
--------	---------	-------	------

THEODOSH CONSULTANTS[illegible]

Phone: (0265) 2339115 / 2339492 Tele Fax No.: (0265) 2339492

Scale	Job No.	Drawing / Document No.
-------	---------	------------------------

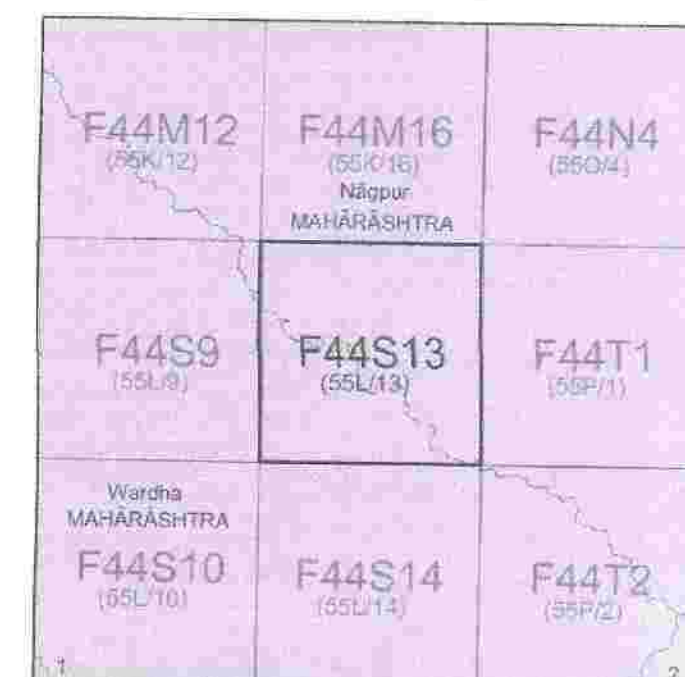
1:50,000	TDC/GAIL/19-20	TDC-GAIL-MNPL-20-P19-RF-WARDHA-RM-
----------	----------------	------------------------------------

.....



No. F44S13

Scale 1:50,000



1 Varadmal, MAHARASHTRA
2 Chandrapur, MAHARASHTRA

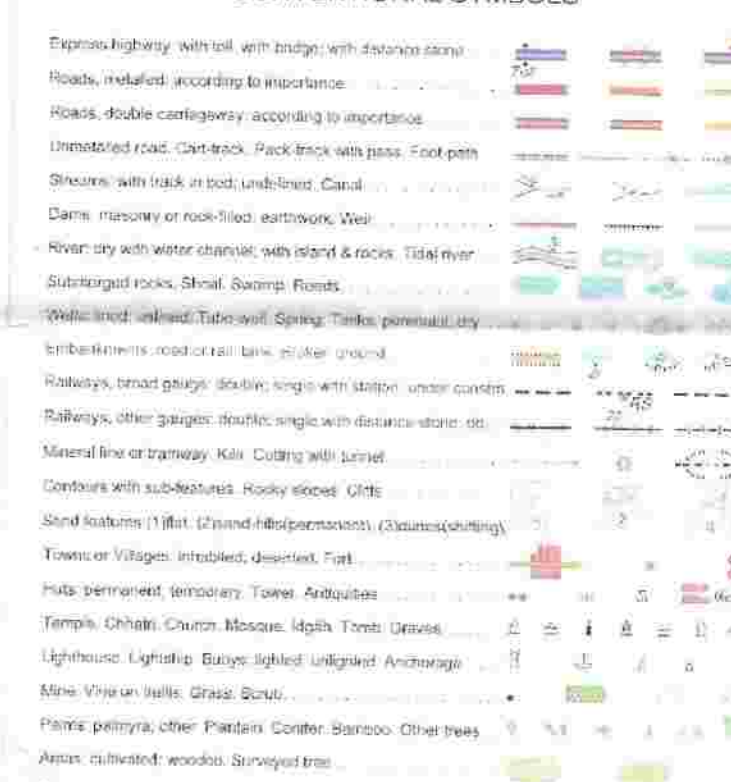
भारतीय सर्वेक्षण विभाग

SURVEY OF INDIA

1st Edition 2010.

Price: Rs. 50/-

CONVENTIONAL SYMBOLS



Route of Proposed Pipeline
Samruddhi Highway ROW

REFERENCE

Survey of India Map No. 2

NOTES

Heights are in metres and above Indian mean sea level. Contours are approximate. The horizontal scale and contour interval are adjusted to the nature of the ground. In this map, the contour interval is 200 feet. The horizontal scale is 1 inch = 1 mile. The vertical scale is 1 inch = 100 feet. The map is based on the Survey of India Map No. 2. The map is based on the Survey of India Map No. 2. The map is based on the Survey of India Map No. 2.

COMPILED INDEX

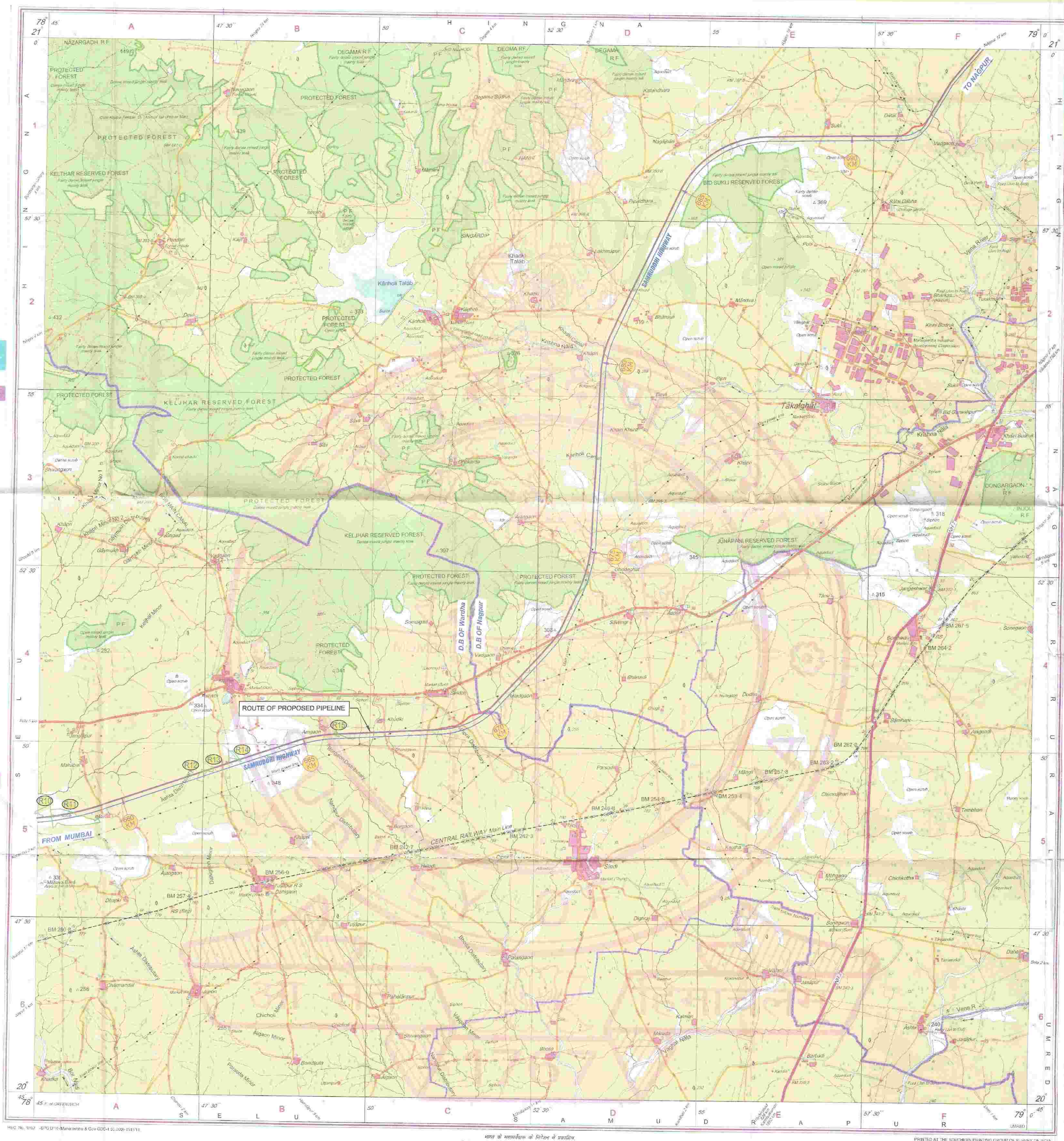


Projection - UTM Datum - WGS 84
Magnetic Variation from True North about 1° West in 2005.
(Decreasing by about 1' annually)
Scale 1:50,000
CONTOUR INTERVAL: 10 METRES

For further details about this map, please contact:
Director
Maharashtra & Goa Geo-Spatial Data Centre
Survey of India, Phule Nagar, Ahmed Road
Pune.

WEBSITE: www.surveyofindia.gov.in
Reproduction in whole or part by any means is prohibited without the written permission of Survey of India, the National Mapping Agency.

© GOVERNMENT OF INDIA. COPYRIGHT 2015.



MUMBAI NAGPUR SECTION OF MNPL PROJECT MUMBAI - NAGPUR PROPOSED GAS PIPELINE (MNPL)

Reserved Forest to be Diverted District Wardha								
Sr. No.	Names of the Forest Land	Length in Forest (m)	Width (m)	Area of Forest Land in Sq. m	Area of Forest Land in Hectare	Name of Village	Name of Taluka	Name of District
R10	Forest Land in S.no.210	183.34	3	500.01	0.0080	Kolamba	Sekoo	Wardha
R11	Forest Land in S.no.7	597.66	3	1702.88	0.1793	Kolamba	Sekoo	Wardha
R12	Forest Land in S.no.02	159.26	3	477.77	0.0478	Kolamba	Sekoo	Wardha
R13	Forest Land in S.no.03	183.03	3	581.29	0.0582	Kolamba	Sekoo	Wardha
R14	Forest Land in S.no.016	14.51	3	103.54	0.0104	Kolambar	Sekoo	Wardha
R15	Forest Land in S.no.44	60.39	3	271.17	0.0271	Ambang	Sekoo	Wardha

No	Sr No	Easting	Northing	Longitude	Latitude
R10	1	265997.084	2303345.563	78° 45' 5.83"	20° 48' 55.31"
	2	265999.463	2303342.763	78° 45' 5.91"	20° 48' 55.21"
	3	266190.234	2303368.27	78° 45' 12.49"	20° 48' 56.13"
	4	266190.744	2303365.315	78° 45' 12.51"	20° 48' 56.03"
R11	1	266190.234	2303368.27	78° 45' 12.49"	20° 48' 56.13"
	2	266190.744	2303365.315	78° 45' 12.51"	20° 48' 56.03"
	3	266547.187	2303423.31	78° 45' 24.81"	20° 48' 58.08"
	4	266547.728	2303420.362	78° 45' 24.83"	20° 48' 57.98"
R12	1	266776.662	2303469.465	78° 45' 32.72"	20° 48' 59.68"
	2	266782.733	2303467.63	78° 45' 32.93"	20° 48' 59.62"
	3	266783.21	2303467.743	78° 45' 32.95"	20° 48' 59.63"
	4	266783.21	2303467.743	78° 45' 32.95"	20° 48' 59.63"
R13	1	270096.139	2304518.296	78° 47' 26.98"	20° 49' 35.26"
	2	270098.522	2304522.233	78° 47' 27.06"	20° 49' 35.39"
	3	270246.285	2304570.809	78° 47' 32.15"	20° 49' 37.04"
	4	270251.342	2304569.318	78° 47' 32.32"	20° 49' 36.99"
R14	1	270246.316	2304570.8	78° 47' 32.15"	20° 49' 37.04"
	2	270251.342	2304569.318	78° 47' 32.32"	20° 49' 36.99"
	3	270434.356	2304632.617	78° 47' 38.62"	20° 49' 39.13"
	4	270434.535	2304629.541	78° 47' 38.63"	20° 49' 39.03"
R15	1	281463.97	2317271.531	78° 53' 54.25"	20° 56' 34.77"
	2	281468.591	2317270.071	78° 53' 54.34"	20° 56' 34.73"
	3	281611.505	2317574.813	78° 53' 59.22"	20° 56' 44.69"
	4	281615.951	2317577.125	78° 53' 59.37"	20° 56' 44.77"
R16	1	273607.304	2305525.241	78° 49' 27.9"	20° 50' 9.55"
	2	273608.664	2305525.297	78° 49' 27.95"	20° 50' 9.65"
	3	273697.604	2305532.016	78° 49' 31.02"	20° 50' 9.81"
	4	273699.223	2305529.085	78° 49' 31.08"	20° 50' 9.71"

अभिषेक मोहन / Abhishek Mohan
सर्वेक्षण विभाग / Survey of India
सर्वेक्षण विभाग / Survey of India
सर्वेक्षण विभाग / Survey of India

CLIENT: **GAIL (India) LIMITED.**
(A Govt. of India Undertaking)
JULIUS FOMER, S & LR DEPARTMENT 11TH FLOOR,
B-35/36 SECTOR-1, NOIDA-201301, G. B. NAGAR (U.P.) India

PROJECT: **MUMBAI NAGPUR SECTION OF MNPL PROJECT**
SECTION: **MUMBAI - NAGPUR PROPOSED GAS PIPELINE (MNPL)**

DETAILS OF RESERVED FOREST
to be Diverted District Wardha

TITLE: **SOI MAP** CODE: **MNPL**

THEODESH CONSULTANTS
42-43, 3rd Floor, Suryaresh Complex, Old Pandra Road, Vadodra - 390 015
Phone: (022) 233115 / 2330192 Tele Fax No: (022) 2330492
Email: theodesh@rediffmail.com

Scale	Job No.	Drawing / Document No.	Sheet	Rev.
1:50,000	TDC/GAIL/19-20	TDC-GAIL-MNPL-20-Prp-RF-WARDHA-RM-03	03-03	0A