



निर्वात के लिए नहीं NOT FOR EXPORT

OPEN SERIES MAP

No. E43B10

Scale 1:50,000

E43B5 (47E5)	E43B9 (47E9)	E43B13 (47E13)
E43B6 (47E6)	E43B10 (47E10)	E43B14 (47E14)
E43B7 (47E7)	E43B11 (47E11)	E43B15 (47E15)

भारतीय सर्वेक्षण विभाग SURVEY OF INDIA

1st Edition 2009.

Price : Rs. 50/-

CONVENTIONAL SYMBOLS

Express highway: with toll, with bridge, with distance stone	
Roads, metalled: according to importance	
Roads, double cartway: according to importance	
Unmetalled road: Cart-track: Pack-track with pass: Foot path:	
Streams: with track in bed: unmetalled: Canal:	
Dams: masonry or rock-filled: earthwork: Weir:	
Submerged rocks: Break: Stream: Falls:	
Wells: lined: unlined: Tube-well: Spring: Tanks: perennial: dry:	
Embankments: road or rail: bank: Broken ground:	
Railways: broad gauge: double, single with station, under construction:	
Railways: other gauges: double, single with distance stone, do:	
Mineral line or tramway: Kin. Cutting with tunnel:	
Contours with sub-features: Rocky slopes: Cliffs:	
Sand features: (1) flat: (2) sand-hills: (3) dunes: (4) shifting:	
Towns or Villages: inhabited: deserted: Fort:	
Huts: permanent: temporary: Tower: Antiquities:	
Temple: Chhatra: Church: Mosque: Light: Tomb: Graves:	
Lighthouses: Lighthouse: Booy: lighted: unlighted: Anchorage:	
Mine: Vines or trails: Cross: South:	
Palms: palmyra: other: Pandanus: Coffer: Bamboo: Other trees:	
Areas: cultivated: wooded: Surveyed tree:	
Boundary: international:	
state: demarcated: undemarcated:	
district: subdivision: taluk or taluka: forest:	
Boundary pillars: surveyed: unlocated:	
Heights: triangulation: station: point: approximate:	
Bench-mark: geodetic: tertiary: canal:	
Post office: Telegram office: Overhead tank:	
Rail house or inspection: engine house: Coal house: Police station:	
Camping ground: Forest: reserved: protected:	
Spaced names: administrative: locality or tribal:	
Hospital: Dispensary: Veterinary: Hospital / Dispensary:	
Airborne: Helipad: Tourist site:	
Power line: with pylons surveyed: with poles unsurveyed:	

Route of Proposed Pipeline

Samruddhi Highway ROW

REFERENCE

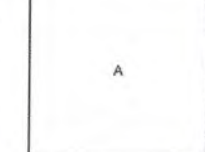
AP-3 National Highway No. 3.

NOTES

Heights are in metres and above Indian mean sea level.
Contours are approximate.
A relative height, J, 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 bench marks and may not be strictly in accordance with them.
The kilometre scale markings along roads and railways are shown in solid type, e.g., 5. Shaded markings are shown in script type, e.g., 5.

COMPILATION INDEX

A. Surveyed during 1973-74. Updated for major details during 2005-06.



Projection - UTM Datum - WGS 84

Magnetic Variation from True North about 1° West in 2005.

(Decreasing by about 1° annually)

Scale 1:50,000

Measures 1000 500 0 500 1000 2 Kilometres

CONTOUR INTERVAL: 20 METRES

For further details about this map, please contact

Director

Maharashtra & Goa Geo-Spatial Data Centre

Survey of India, Phule Nagar, Alandi Road

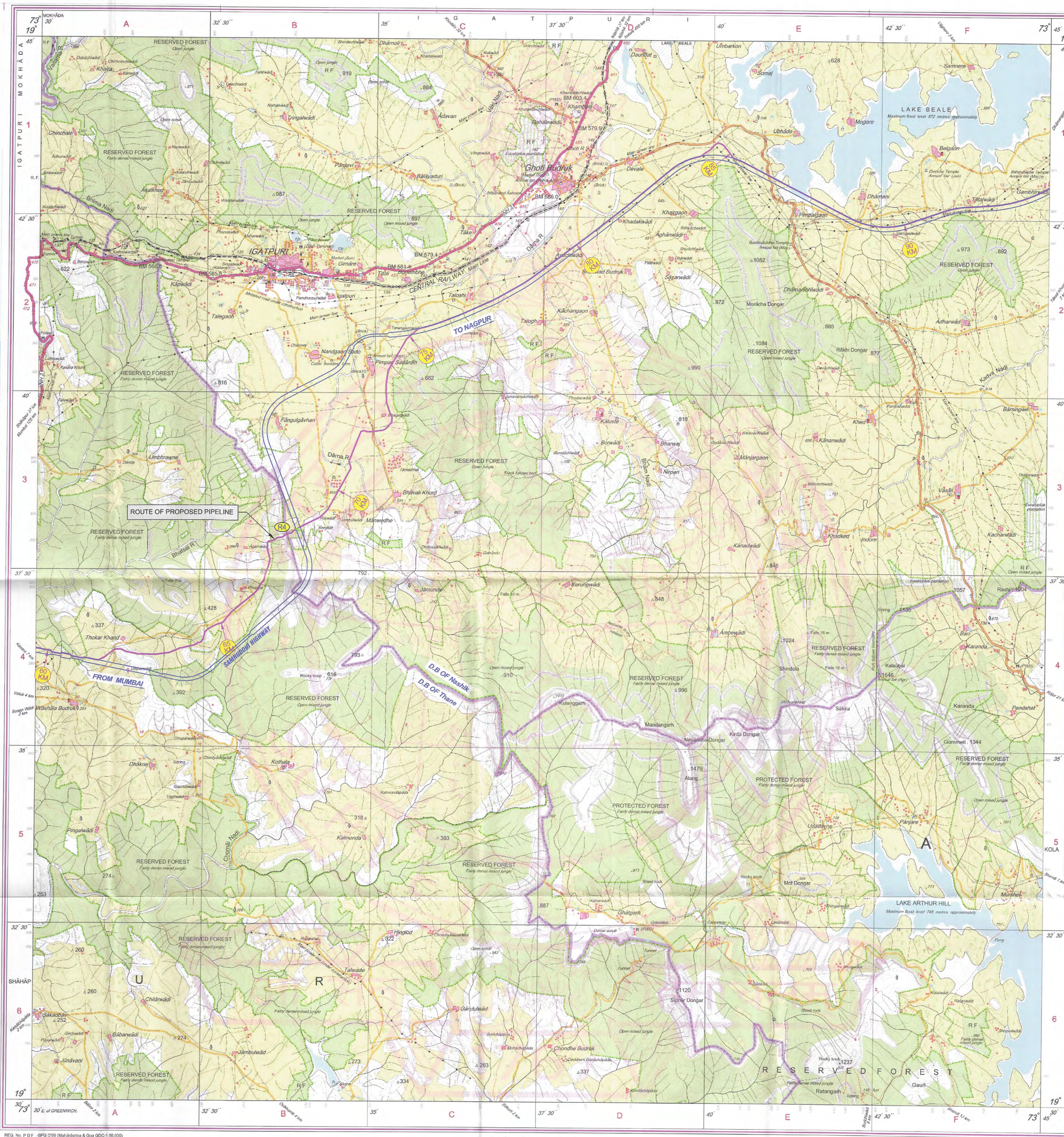
Pune.

Fax : 020 - 26514665

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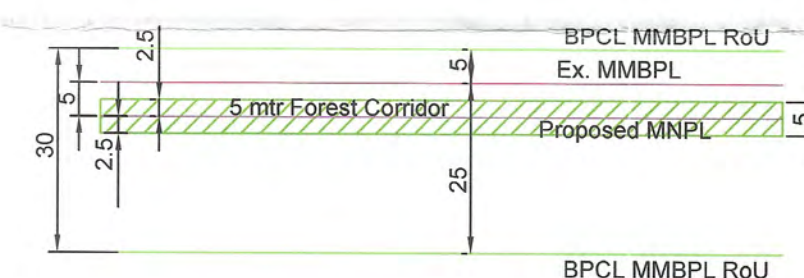


03/03

MUMBAI NAGPUR SECTION OF MNPL PROJECT						
Reserved Forest to be Diverted District Nashik						
Sl. No.	Name of the Forest Land	Compartment No.	Length in Forest (m)	Area of Forest Land in Hectares	Name of Village	Name of District
R4	Forest Land in S. No. 192		48.87	5	188.48	0.0188

Name	vertex_1 nd	Easting	Northing	Longitude	Latitude
R4	1	349443.649	2171706.5	73° 33' 50.75" E	19° 38' 05.27" N
	2	349441.859	2171711.305	73° 33' 50.75" E	19° 38' 05.63" N
	3	349468.602	2171727.769	73° 33' 51.84" E	19° 38' 06.00" N
	4	349474.32	2171725.314	73° 33' 51.84" E	19° 38' 06.00" N

BPCL - MMBPL Corridor



CLIENT:	GAIL (India) LIMITED. (A Govt. of India Undertaking) JUBILEE TOWER, 5 & 6th FLOOR, 8TH FLOOR, B-38, 38th FLOOR, 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/Protected Forest to be Diverted District Nashik
TITLE:	SOI MAP
CODE:	MNPL
Scale	1:50,000
Job No.	TDC/GAIL/19-20
Drawing / Document No.	TDC-GAIL-MNPL-20-P19-RF-NASHIK-KM-03
Sheet	03-03
Rev.	01

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निर्वात के लिए नहीं NOT FOR EXPORT

OPEN SERIES
MAP

No. E43B13

Scale 1:50,000

F43T12 (46H/12)	F43T16 (46H/16)	F43U4 (46L/4)
E43B9 (47E/9)	E43B13 (47E/13) Nashik MAHARASHTRA	E43C1 (47I/1)
E43B10 (47E/10)	E43B14 (47E/14) Ahmadnagar MAHARASHTRA	E43C2 (47I/2)

1 Thane, MAHARASHTRA

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SURVEY OF INDIA

1st Edition 2009.

Price: Rs. 50/-

CONVENTIONAL SYMBOLS

Express highway with toll with bridge with distance shown		21
Roads, metalled, according to importance		22
Roads, double cartway, according to importance		23
Unmetalled road, Cart-track, Pack-track with pass, Foot-path		24
Streams with track in bed, underlined, Canal		25
Dams, masonry or rock-fill, earthenwork, Water		26
River, dry with water channel with island & rocks, Tidal river		27
Submerged rocks, Shoal, Swamp, River		28
Wells, trees, arched, Turret, Spring, Tower, generator, dry		29
Embarkment, road/rail, bank, broken, ground, station, dry		30
Railways, broad gauge, double, single with station, under control		31
Railways, other gauges, double, single with station, stone, do		32
Mineral line or tramway, Kin. Culing with tunnel		33
Contours with sub-features, Rocky slopes, Cliffs		34
Sand features (1:1st, 2:2nd-4:4th, 5:5th, 6:6th, 7:7th, 8:8th, 9:9th, 10:10th, 11:11th, 12:12th, 13:13th, 14:14th, 15:15th, 16:16th, 17:17th, 18:18th, 19:19th, 20:20th, 21:21th, 22:22th, 23:23th, 24:24th, 25:25th, 26:26th, 27:27th, 28:28th, 29:29th, 30:30th, 31:31th, 32:32th, 33:33th, 34:34th, 35:35th, 36:36th, 37:37th, 38:38th, 39:39th, 40:40th, 41:41th, 42:42th, 43:43th, 44:44th, 45:45th, 46:46th, 47:47th, 48:48th, 49:49th, 50:50th, 51:51th, 52:52th, 53:53th, 54:54th, 55:55th, 56:56th, 57:57th, 58:58th, 59:59th, 60:60th, 61:61th, 62:62th, 63:63th, 64:64th, 65:65th, 66:66th, 67:67th, 68:68th, 69:69th, 70:70th, 71:71th, 72:72th, 73:73th, 74:74th, 75:75th, 76:76th, 77:77th, 78:78th, 79:79th, 80:80th, 81:81th, 82:82th, 83:83th, 84:84th, 85:85th, 86:86th, 87:87th, 88:88th, 89:89th, 90:90th, 91:91th, 92:92th, 93:93th, 94:94th, 95:95th, 96:96th, 97:97th, 98:98th, 99:99th, 100:100th, 101:101th, 102:102th, 103:103th, 104:104th, 105:105th, 106:106th, 107:107th, 108:108th, 109:109th, 110:110th, 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MAP

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Scale 1:50,000

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CONVENTIONAL SYMBOLS

Express highway, with toll, with bridge, with distance stone	
Roads, metalled according to importance	
Roads, double carriageways according to importance	
Unmetalled road, Cart-track, Pack-track with pass, Footpath	
Streams, with track in bed, undammed, Canal	
Dams, masonry or rock-filled, waterwork	
River dry with water channel, with signs & rocks, Tidal river	
Swampy tracts, Shrub, Dense, Scrub	
Wells, small, unwell, Tubewell, Spring, Tank, perennial, dry	
Embankments, road or rail, bank, broken ground, etc.	
Railways, broad gauge, double, single with station, under construction	
Railways, other gauge, double, single with station, under construction	
Mineral line or tramway, Kin. Cutting with tunnel, etc.	
Contours with sub-contours, Rocky slopes, Cliffs, etc.	
Sand features (1) flat, (2) dune, (3) dune, (4) dune, etc.	
Towns or Villages, inhabited, deserted, Fort, etc.	
Public permanent temporary, Tower, Antenna, etc.	
Temples, Chattri, Chattri, Mosque, Aligar, Tomb, Graves, etc.	
Lighthouse, Lightship, Buoy, lighted, unlighted, Anchorage, etc.	
Men, Vessels on tides, Cross, Scar, etc.	
Pipes, polymers, other, Plantain, Conifer, Bamboo, Other trees	
Artes, cultivated, wooded, Surveyed tree, etc.	
Boundary, international, etc.	
State, demarcated, undemarcated, etc.	
District, sub-division, taluk or taluk, forest, etc.	
Boundary pillars, surveyed, uncoloured, etc.	
Height, triangulated, station, point, approximate, etc.	
Boundaries, geodetic, survey, etc.	
Post Office, Telegraph office, Overhead tank, etc.	
Rest house or inspection bungalow, Civil Hospital, Police station, etc.	
Camping ground, Forest, reserved, protected, etc.	
Special names, administrative, locality or tribal, etc.	
Hospital, Dispensary, Veterinary hospital / Dispensary, etc.	
Aerodrome, Heliport, Tourist site, etc.	
Power line, with pylons surveyed, with poles unsurveyed, etc.	

Route of Proposed Pipeline
Samruddhi Highway ROW

REFERENCE

NH 50 National Highway No. 50

NOTES

Heights are in metres and above Indian mean sea level.
Contours are approximate.
All unmetalled roads are generally metalled in dry season.
Wells are numerous throughout the sheet, only the important ones have been shown.
A relative height, e.g., 100, means a well, a blue rectangle in a field, depth in metres.
A relative height, e.g., 20, represents the approximate height, in metres, between the top and bottom of a steep slope.
Important buildings are shown in black with names.

COMPILED INDEX

A. Compiled from 1:25,000 survey, 1975-76
B. Surveyed during 1975-76
C. Surveyed during 1973-74
* A, B & C, updated for major details during 2005-06

Projection - UTM Datum - WGS 84

Magnetic Variation from True North about 2° West in 2005.

(Decreasing by about 1° annually)

1:50,000

500 m to 1 cm
1:50,000
2 cm to 1 km
3 Kilometres

CONTOUR INTERVAL 20 METRES

For further details about this map, please contact

Director

Maharashtra & Goa Geo-Spatial Data Centre

Survey of India, Phule Nagar, Alandi Road

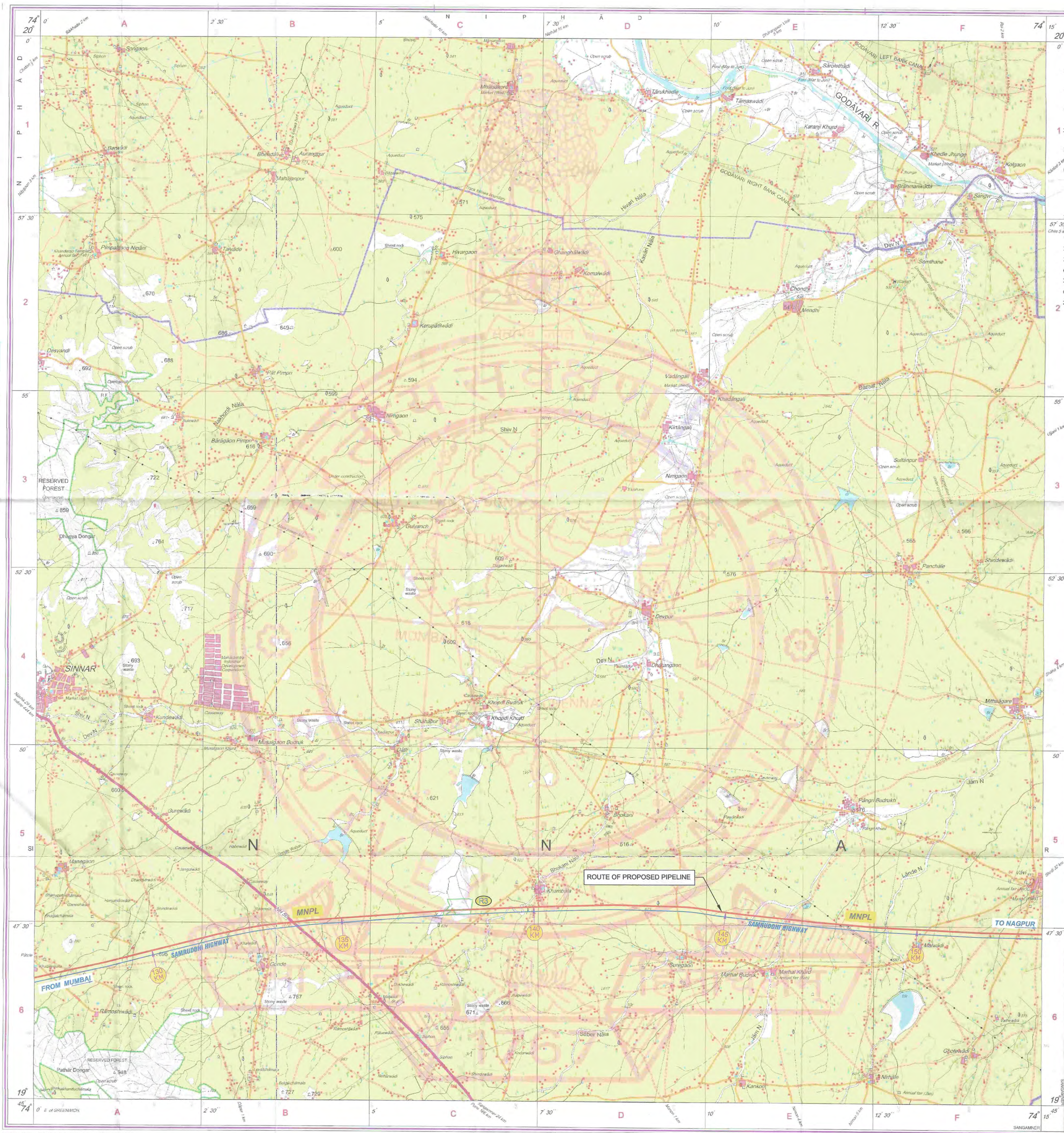
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MUMBAI NAGPUR SECTION OF MNPL PROJECT									
MUMBAI - NAGPUR PROPOSED GAS PIPELINE (MNPL)									
Reserved Forest to be Diverted District Nashik									
Sr. No.	Name of the Forest Land	Compartment No.	Length in Meters	Area of Forest Land in Sq. m	Area of Forest Land in Hectares	Name of Village	Name of Taluka	Name of District	
83	Forest Land in S. No. 710	580	100.00	0	1794.25	Phendole	Shirur	Nashik	

No	Sr No	Easting	Northing	Longitude	Latitude
R3	1	405904.2948	2189018.289	74°6'5.955"	19°47'41.094"
	2	405905.3042	2189021.369	74°6'5.982"	19°47'41.197"
	3	406062.0768	2189026.932	74°6'11.393"	19°47'41.403"
	4	406066.9232	2189030.131	74°6'11.557"	19°47'41.506"
	5	406146.8573	2189033.378	74°6'14.304"	19°47'41.633"
	6	406148.6101	2189030.447	74°6'14.359"	19°47'41.533"
	7	406579.2133	2189047.938	74°6'29.163"	19°47'42.179"
	8	406579.9373	2189050.97	74°6'29.163"	19°47'42.275"

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डी-35 एच 38, सेक्टर-1, नोडा-201301 (उ.प्र.)
B-35 & 38, Sector-1, Noida - 201 301 (U.P.)

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PROJECT: MUMBAI NAGPUR SECTION OF MNPL PROJECT

SECTION: MUMBAI - NAGPUR PROPOSED GAS PIPELINE (MNPL)

SECTION: Details of Reserved Forest to be Diverted District Nashik

TITLE: SOI MAP CODE: MNPL

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