



निर्वात के लिए नहीं NOT FOR EXPORT

OPEN SERIES
MAP

No. E43B3

Scale 1:50,000

E43A14 (47A/14)	E43B2 (47E/2)	E43B6 (47E/6)
E43A15 (47A/15)	E43B3 (47E/3) Thane MAHARASHTRA	E43B7 (47E/7)
Mumbai Suburban MAHARASHTRA E43A16 (47A/16)	E43B4 (47E/4) Rayagad MAHARASHTRA	E43B8 (47E/8)

भारतीय सर्वेक्षण विभाग

SURVEY OF INDIA

1st Edition 2010.

Price : Rs. 50/-

CONVENTIONAL SYMBOLS

Express highway with toll, with bridge, with distance stone	
Road, metalled according to importance	
Road, double carriageway, according to importance	
Unmetalled road, Cart-track, Pack-track with pass, Foot-path	
Stream, with track in bed, underflow, Canal	
Dam, masonry or rock-filled, earthwork, Wall	
Diver, dry with water channel, with island & rocks, Tidal river	
Submerged rocks, Shoal, Swamp, Reeds	
Well, lined, unlined, Tubewell, Spring, Tanks perennial, dry	
Embankment, road or rail, bank, Broken ground	
Railways, broad gauge, double, single with station, under construction	
Railways, other gauges, double, single with station, under construction	
Mineral flow or leaching, effluent, effluent with bank	
Contours with spot-heights, Rocky slopes, Cliffs	
Sand features (Tidal, (Zand, Hippopotamus), (Cydonia, (Hippopotamus))	
Towns or Villages, inhabited, deserted, Fort	
Huts, permanent, temporary, Tower, Antiquities	
Temple, Church, Mosque, Light, Tomb, Graves	
Lighthouse, Lightship, Buoy, Lighted, unlighted, Anchorage	
Mine, Vine on hillside, Grass, Scrub	
Palm, palmyra, other, Plantain, Conifer, Bamboo, Other trees	
Area, cultivated, wooded, Barren, tree	
Boundary, international	
State, demarcated, undemarcated	
State, subdivision, taluk or block, forest	
Boundary pillars, surveyed, uncoloured	
Height, triangulation station, point, approximate	
Bench-mark, geodetic, tertiary, canal	
Post office, Telegraph office, Overhead tank	
Rest house or inspection bungalow, Circuit house, Police station	
Camping ground, Forest reserved, protected	
Spoken, reserve, administrative, locality or tribal	
Hospital, Dispensary, Veterinary hospital, Dispensary	
Aerodrome, Helipad, Tourist site	
Power line, with pylons surveyed, with poles unsurveyed	
Ex. DUPL GAIL Pipeline	
Route of Proposed Pipeline	
Affected Forest	
Samruddhi Highway ROW	

REFERENCE

Nil 3 National Highway No. 3

NOTES

Heights and Contours have not been shown.
A relative height, *h*, represents the approximate height, in metres, between the top and bottom of a steep slope.
The area appearing in square feet of this map is geographically distorted and the variation given may differ largely from the actual value.
The black boundaries between Villages, Bhandas, Kalyan and Shikharli Talukas, appearing in the north-east part of the sheet have been surveyed as pointed out by the local officials on the ground, but have not been verified by the authorities concerned.
Important buildings are shown in black with names.

COMPILATION INDEX

A

Projection - UTM Datum - WGS 84

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

(Decreasing by about 1° annually)

Scale 1:50,000
500 m to 1 cm
Meters 1000 500 0 1 2 3 Kilometres

For further details about this map, please contact

Director
Maharashtra & Goa Geo-Spatial Data Centre
Survey of India, Pule Nagar, Andani Road
Pune.

WEBSITE - www.surveyofindia.gov.in

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REG. No. P D F - SFG 010 (Maharashtra & Goa GDC-1:50,000)

श्री श्री सर्वेक्षण विभाग में प्रेषित
Published under the direction of Surveyor General of India,
Survey of India, Hattibarkala Estate, Post Box No. 37, Dehra Dun - 248001 (Uttarakhand),
Department of Science & Technology, Government of India.

PRINTED AT THE SOUTHERN PRINTING GROUP OF SURVEY OF INDIA.



01/02

Mumbai - Nagpur Section of MNPL Project										
Mumbai - Nagpur Proposed Gas Pipeline (MNPL)										
Reserved/Protected/Private Forest to be Diverted in Thane District										
Sl. No.	Reference No.	Village	Taluka	Range	Survey No.	Length (m)	Width (m)	Area in Sq.m	Area in Ha.	Legal Status of Forest Land
1	GR1	Tilwada	Kalyan	Kalyan	247	334.34	10	3343.41	0.3343	Reserved Forest
2	GR2	Runde	Kalyan	Kalyan	88	56.27	10	562.73	0.0563	Protected Forest
3	GR3	Runde	Kalyan	Kalyan	87	225.55	10	2255.51	0.2256	Protected Forest

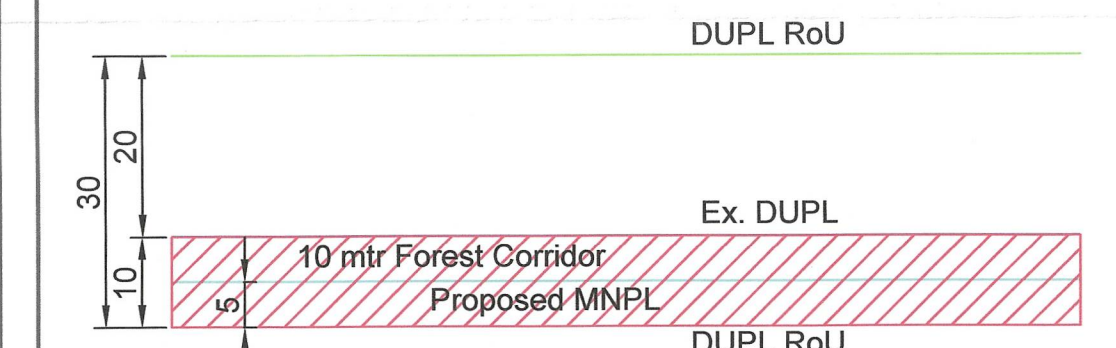
Co ordinates Statement of Required Forest Area For MNPL Project

Ref No	Version No	Eastings	Northings	Longitude	Latitude
1	314934.879	2134974.272	73° 14' 19.30" E	19° 18' 00.37" N	
2	314933.123	2135014.928	73° 14' 19.22" E	19° 18' 01.69" N	
3	314933.48	2135012.27	73° 14' 19.90" E	19° 18' 01.60" N	
4	314929.929	2135105.867	73° 14' 18.06" E	19° 18' 04.64" N	
5	314908.298	2135113.61	73° 14' 18.34" E	19° 18' 04.89" N	
6	314888.235	2135149.446	73° 14' 17.64" E	19° 18' 06.05" N	
7	314897.888	2135152.745	73° 14' 17.87" E	19° 18' 06.16" N	
8	314892.997	2135159.23	73° 14' 18.27" E	19° 18' 06.14" N	
9	314829.964	2135322.437	73° 14' 15.95" E	19° 18' 11.06" N	
1	314829.092	2135222.099	73° 14' 16.42" E	19° 18' 24.66" N	
2	314816.307	2135277.225	73° 14' 15.08" E	19° 18' 24.82" N	
3	314831.918	2135766.636	73° 14' 15.49" E	19° 18' 26.76" N	
4	314821.415	2135775.368	73° 14' 15.14" E	19° 18' 26.39" N	
5	314750.714	2135988.819	73° 14' 12.96" E	19° 18' 33.37" N	
6	314750.434	2135986.088	73° 14' 12.63" E	19° 18' 33.21" N	
7	314709.222	2136059.628	73° 14' 11.19" E	19° 18' 35.59" N	
8	314701.14	2136053.74	73° 14' 10.92" E	19° 18' 35.40" N	
9	314678.874	2136101.283	73° 14' 10.14" E	19° 18' 36.94" N	
10	314670.89	2136095.38	73° 14' 10.34" E	19° 18' 36.74" N	
11	314661.078	2136163.506	73° 14' 07.45" E	19° 18' 38.90" N	
12	314610.91	2136143.474	73° 14' 07.80" E	19° 18' 38.29" N	

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Mumbai - Nagpur Proposed Gas Pipeline (MNPL)										
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Sl. No.	Reference No.	Village	Taluka	Range	Survey No.	Length (m)	Width (m)	Area in Sq.m	Area in Ha.	Legal Status of Forest Land
1	R1	Nagpur	Kalyan	Kalyan	95	30	188.7	3	0.003	Pending for enquiry
2	R2	Nagpur	Kalyan	Kalyan	95	301	262.69	3	0.008	Pending for enquiry
3	R3	Nagpur	Kalyan	Kalyan	95	65	188.69	3	0.008	Pending for enquiry
4	R4	Nagpur	Kalyan	Kalyan	95	75	44.16	3	0.012	Pending for enquiry
5	R5	Nagpur	Kalyan	Kalyan	95	75	170.12	3	0.010	Pending for enquiry
6	R6	Nagpur	Kalyan	Kalyan	95	65	51.45	3	0.014	Pending for enquiry

Co ordinates Statement of Required Forest Area For MNPL Project

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Forest Surveyor
Thane Forest Division

Deputy Conservator of Forests
Thane Forest Division, Thane

CLIENT:
GAIL (India) LIMITED.
(A Govt. of India Undertaking)
JULIE TOWER, 5 & 6 DEPARTMENT 8TH FLOOR, Plot No. 10, Sector-1, Noida-201301, G.B. Nagar (U.P.) India

PROJECT:
MUMBAI - NAGPUR PROPOSED GAS PIPELINE (MNPL)

SECTION:
Details of Reserved/Protected Forest to be Diverted District Thane

TITLE:
SOI MAP ALONG DUPL

Scale	Job No.	Drawing / Document No.	Sheet	Rev.
1:50,000	TDC/GAIL/19-20	TDC-GAIL-MNPL-20-P19-RP-THANE-DUPL-RM-01	01-02	0C