निर्यात के लिए नहीं NOT FOR EXPORT

OPEN SERIES MAP

No. E43O5

Scale 1:50,000

E43I4	Pune MAHĀRĀSHTRA E43I8	E43I12
E43O1	E43O5 Sātāra MAHĀRĀSHTRA	E43O9
E43O2	E43O6	E43O10

1 Solāpur, MAHĀRĀSHTRA.

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 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 constrn.
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.(1)flat. (2)sand-hills(permanent). (3)dunes(shifting).
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 tāluk; forest.
Boundary pillars: surveyed; unlocated
Heights, triangulated: station; point; approximate. △200 .200 .200
Bench-mark: geodetic; tertiary; canal. BM 63·3 .BM 63·3 .63
Post office. Telegraph office. Overhead tank.
Rest house or Inspection bungalow. Circuit house. Police station.
Camping ground. Forest: reserved; protected. RF PF
Spaced names: administrative; locality or tribal. KIKRI NĀGA
Hospital. Dispensary. Veterinary hospital.
Aerodrome. Helipad. Tourist site.
Power line: with pylons surveyed; with poles unsurveyed.

NOTES :-

Heights are in metres and above Indian mean sea level.
Contours are approximate.
Important buildings are shown in black with name.
A relative height, ,Jr, 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.
Unmetalled roads are generally motorable and cart-tracks jeepable in dry season.
Tanks, shown dry, in this area usually contain water from July to December.

COMPILATION INDEX

A. Compiled from 1:25,000 survey, 1987-88. Updated for major details during 2004-05.

Projection - UTM Datum - WGS 84

Magnetic Variation from True North about 1½° West in 2005.
(Decreasing by about 1' annually).

1:50,000

500 m to 1 cm 2 cm to 1 km

Metres 1000 500 0 1 2 3 Kilometres

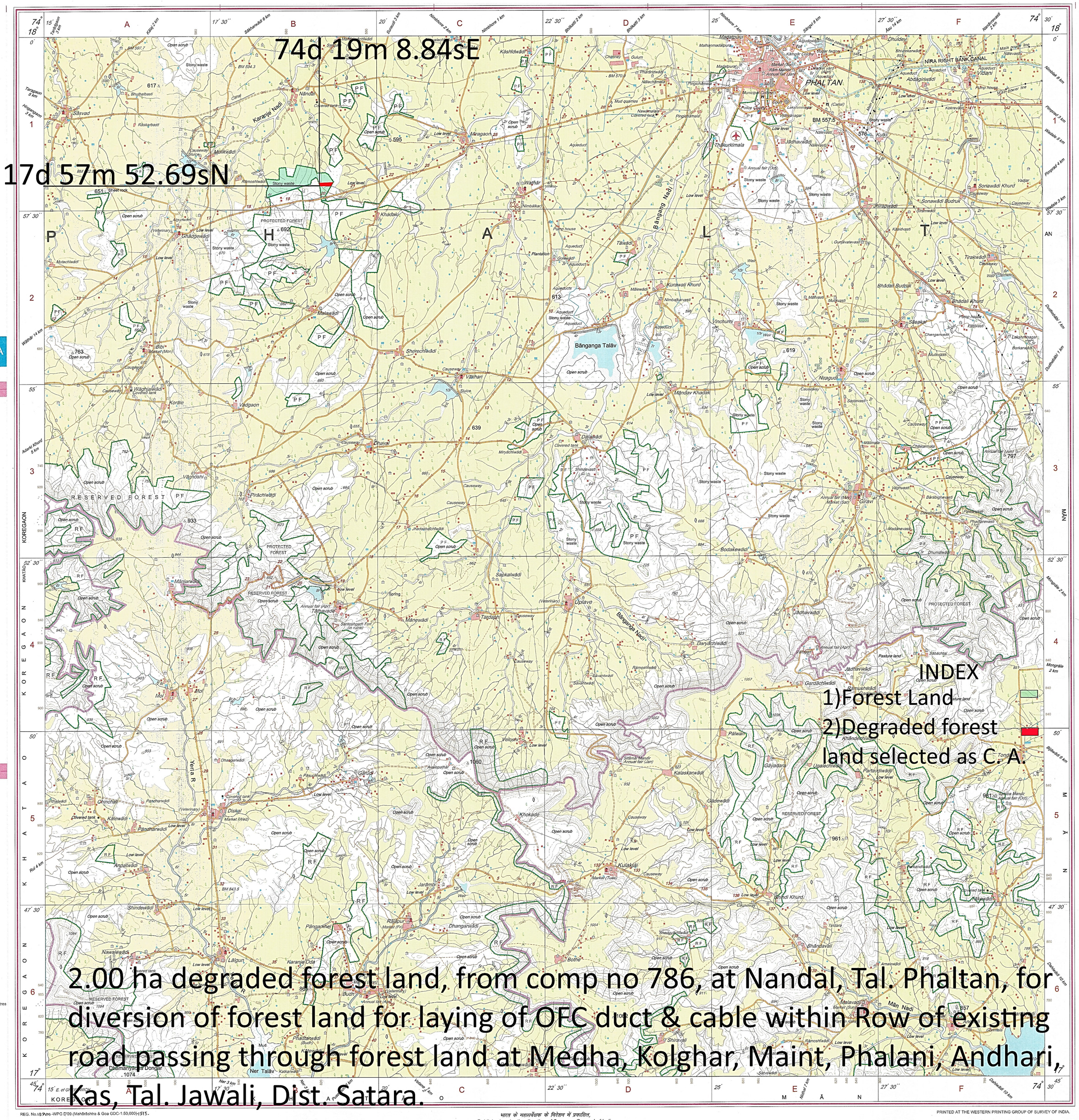
CONTOUR INTERVAL 20 METRES

For further details about this map, please contact
Director
Mahārāshtra & Goa Geo-Spatial Data Centre
Survey of India, Phulenagar, 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.



2.00 ha degraded forest land, from comp no 786, at Nandal, Tal. Phaltan, for diversion of forest land for laying of OFC duct & cable within Row of existing road passing through forest land at Medha, Kolghar, Maint, Phalani, Andhari, Kas, Tal. Jawali, Dist. Satara.

REG. No.19.7cm -WPG D'09 (Mahārāshtra & Goa GDC-1:50,000)-1515.

भारत के महासर्वेक्षक के निदेशन में प्रकाशित,
Published under the direction of Surveyor General of India,
Survey of India, Hāthibarkala Estate, Post Box No.37, Dehra Dūn-248001 (Uttarākhand)
Department of Science & Technology, Government of India.

PRINTED AT THE WESTERN PRINTING GROUP OF SURVEY OF INDIA.