



सिवाय के लिए नहीं NOT FOR EXPORT

OPEN SERIES
MAP

No. F43N12

Scale 1:50,000



1 Dhule, MAHARASHTRA
2 Nashik, MAHARASHTRA

भारतीय सर्वेक्षण विभाग SURVEY OF INDIA

1st Edition 2010.

CONVENTIONAL SYMBOLS



REFERENCE

See 4. National Highway No. 4

NOTES

Heights are in metres and above lowest mean sea level.
Contours are approximate.
A contour height e.g., 20 represents the approximate height, in metres, between the top and bottom of a steep slope.
The triangulated heights and positions of the control points have not been adjusted to the heights of the spot heights shown on the map and may not be entirely in accordance with them.
The spot heights shown on the map are shown in upright type, e.g., 100, 150, 200, etc.
Untriangulated heights in the above are generally indicated in the usual manner.
Contours are indicated by dashed lines on the map.
The spot heights shown on the map are shown in upright type, e.g., 100, 150, 200, etc.
The spot heights shown on the map are shown in upright type, e.g., 100, 150, 200, etc.

COMPILATION INDEX

A Surveyed during 1961-72. Updated for major details during 2010-15.

Projection - UTM Datum - WGS 84

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

(Decreasing by about 1" annually)

1:50,000

Scale 1:50,000

CONTOUR INTERVAL 20 METRES

For further details about this map, please contact

Director

Madheshwari & Geo-Spatial Data Centre

Survey of India, Plot No. 1, Alandi Road

Pune.

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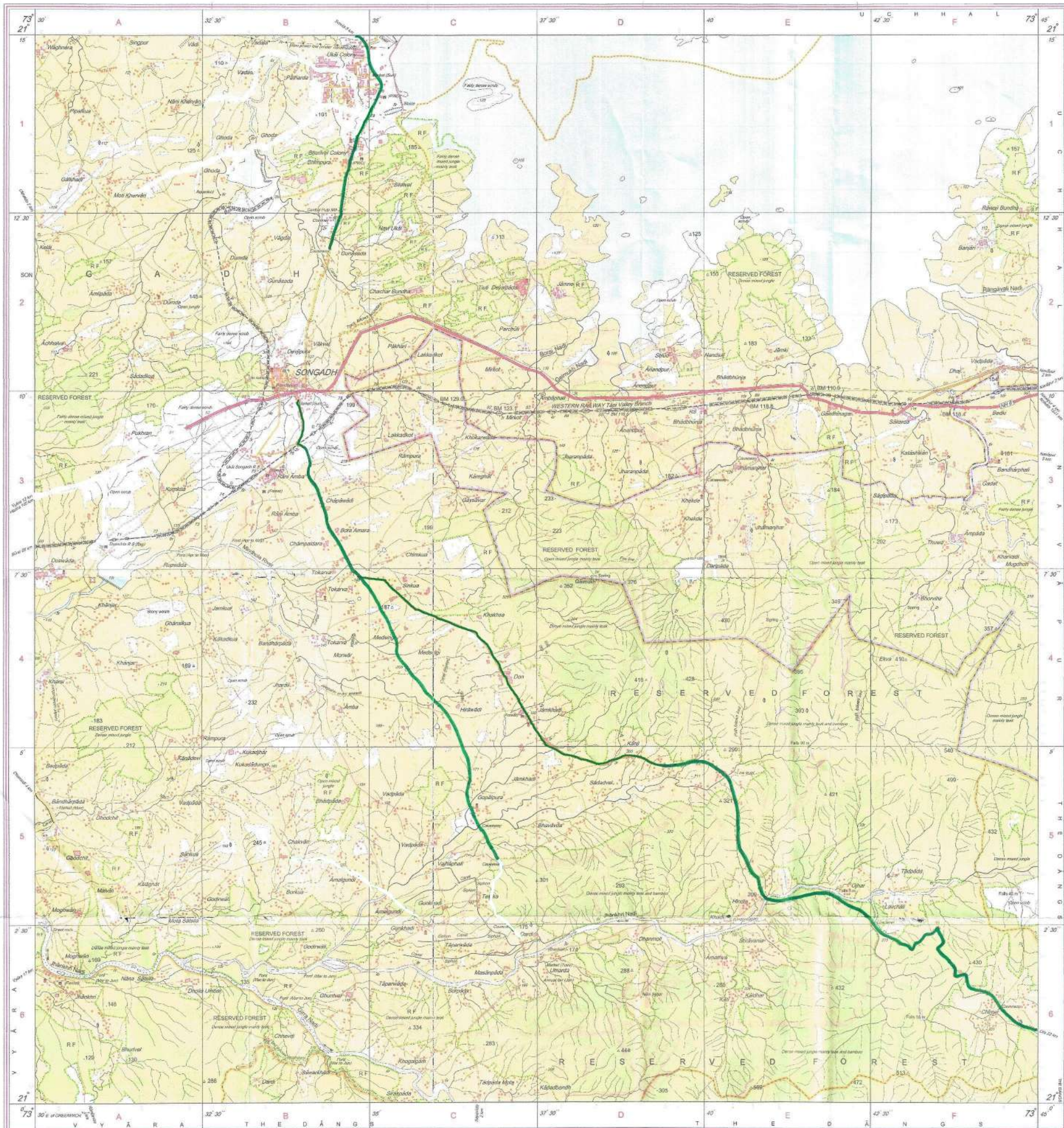


FIG. No. F 01 - 50° 0' N (Nashik) & 50° 0' N (1:50,000)

सर्वेक्षण विभाग के द्वारा तैयार.
Published under the direction of Surveyor General of India.
Survey of India, HMT Bhamburda Estate, Post Box No. 37, Dehra Dun-249001 (Uttarakhand),
Department of Science & Technology, Government of India.

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Proposed Route



No. F43T5
Scale 1:50,000

F43N4 (48/12)	F43N8 (48/12)	F43N12 (48/12)
F43T1 (48/11)	F43T5 (48/11)	F43T9 (48/11)
F43T2 (48/10)	F43T6 (48/10)	F43T10 (48/10)

1 Dhule, Maharashtra
2 Nandurbar, Maharashtra

भारतीय सर्वेक्षण विभाग
SURVEY OF INDIA
1st Edition 2011.

- CONVENTIONAL SYMBOLS
- Express highway, with toll, with bridge, with distance scale
 - Roads, metalled, according to importance
 - Roads, unmetalled, according to importance
 - Unimproved road, Cart track, Path, track, with gate, Foot path
 - Streams with bed in bed, underlain, Canal
 - Dams, masonry or rock-fill, with spill, with rock
 - River, dry with water channel, with bed & rocks, Tidal river
 - Submerged rocks, Shoal, Swamp, Sandbar
 - Wells, hand-dug, tubewell, spring, Tanka, perennial, dry
 - Enclosures, road or rail track, broken ground
 - Railways, broad gauge, double, single with distance scale, (ft)
 - Railways, other gauges, double, single with distance scale, (ft)
 - Mineral line or tramway, R.R. Cutting with tunnel
 - Concrete and masonry, rocky slopes, G.R.P.
 - Sand features (Tide, (Shoreline), (Shoreline), (Shoreline))
 - Towns or villages, inhabited, deserted, Fort
 - Hill, permanent, temporary, Tower, Ancestral
 - Temples, Chhatra, Church, Mosque, Light, Tomb, Gurdwara
 - Lighthouses, Lightship, Buoy, Lighted, unlighted, Anchorage
 - Mine, Veta on hill, Grass, Scrub
 - Area, cultivated, wooded, Barren, forest
 - Boundary, international
 - Other, (unclassified), (unclassified)
 - distinct, substation, level or (ft), level
 - Boundary, (unclassified), (unclassified)
 - Hedges, (unclassified), (unclassified)
 - Boundary, (unclassified), (unclassified)
 - Post office, Telegraph office, Government, (unclassified)
 - Rail route or inspection, (unclassified), (unclassified), (unclassified)
 - Camping ground, Forest, (unclassified), (unclassified)
 - Spaced, (unclassified), (unclassified), (unclassified)
 - Hospital, Dispensary, Veterinary, Hospital, Dispensary
 - Airport, (unclassified), (unclassified)
 - Power line, with poles, surveyed, with poles, unsurveyed

NOTES

Heights and contours have not been shown.

Contours are approximate.

A contour height, e.g., 1000 represents the approximate height, in metres, between the top and bottom of a steep slope.

Towns, shown dry, in this area usually contain water from July to December.

Contours in periods and separation on rainfall.

COMPILATION INDEX

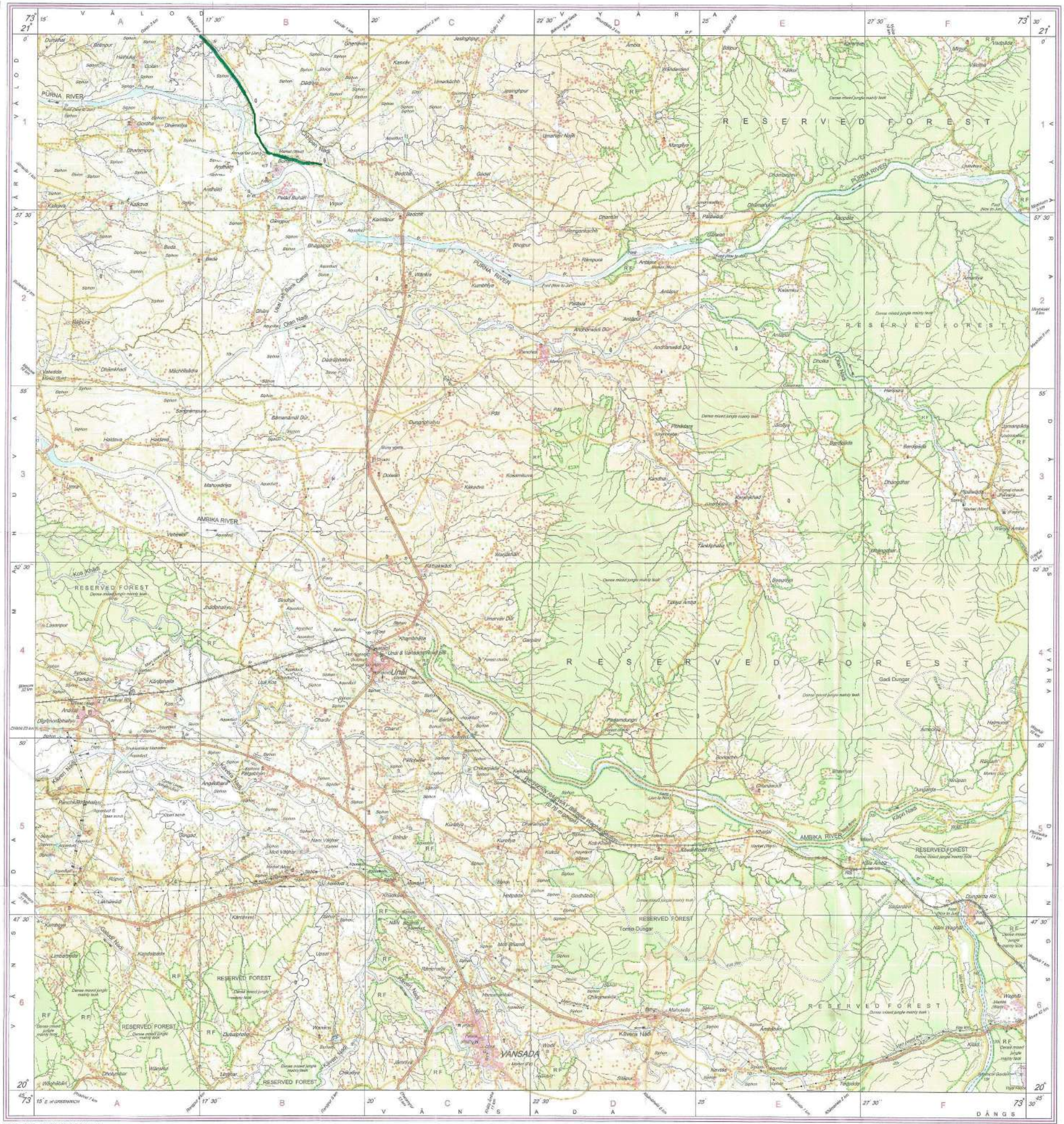
Projection - UTM Datum - WGS 84

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

Scale 1:50,000

For further details about this map, please contact
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Department of Science & Technology, Government of India.

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— Diversion Route

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No. F43N8

Scale 1:50,000

1 Nāsik, MAHARĀSTRĀ.

1st Edition 2011.

CONVENTIONAL SYMBOLS



REFERENCE

1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 26

10

Height are in metres and above Indian mean sea level. Contours are in centimetres. A relative height, e.g. +0.25 represents the approximate height, in metres, between the top of the road and the ground level.

The horizontal heights and contours in this sheet have been adjusted to the high tide level. The beach heights may not be exactly in accordance with them. Small roads along main and branch canal embankments are shown by cut-backs. Permission to use these roads is requested from the Irrigation authorities.

Unimproved roads in Corbiacade are generally restricted to dry season.

Tarps, shown by π , in this area usually come from July to December.

Dashed lines show the main canal are 1,000 feet apart and every fifth line is shown

COMPILED INDEX

A. Surveyed during 1971-72. Updated for major details during 2004-05.



Projection - UTM Datum - WGS 84

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

1:50,000

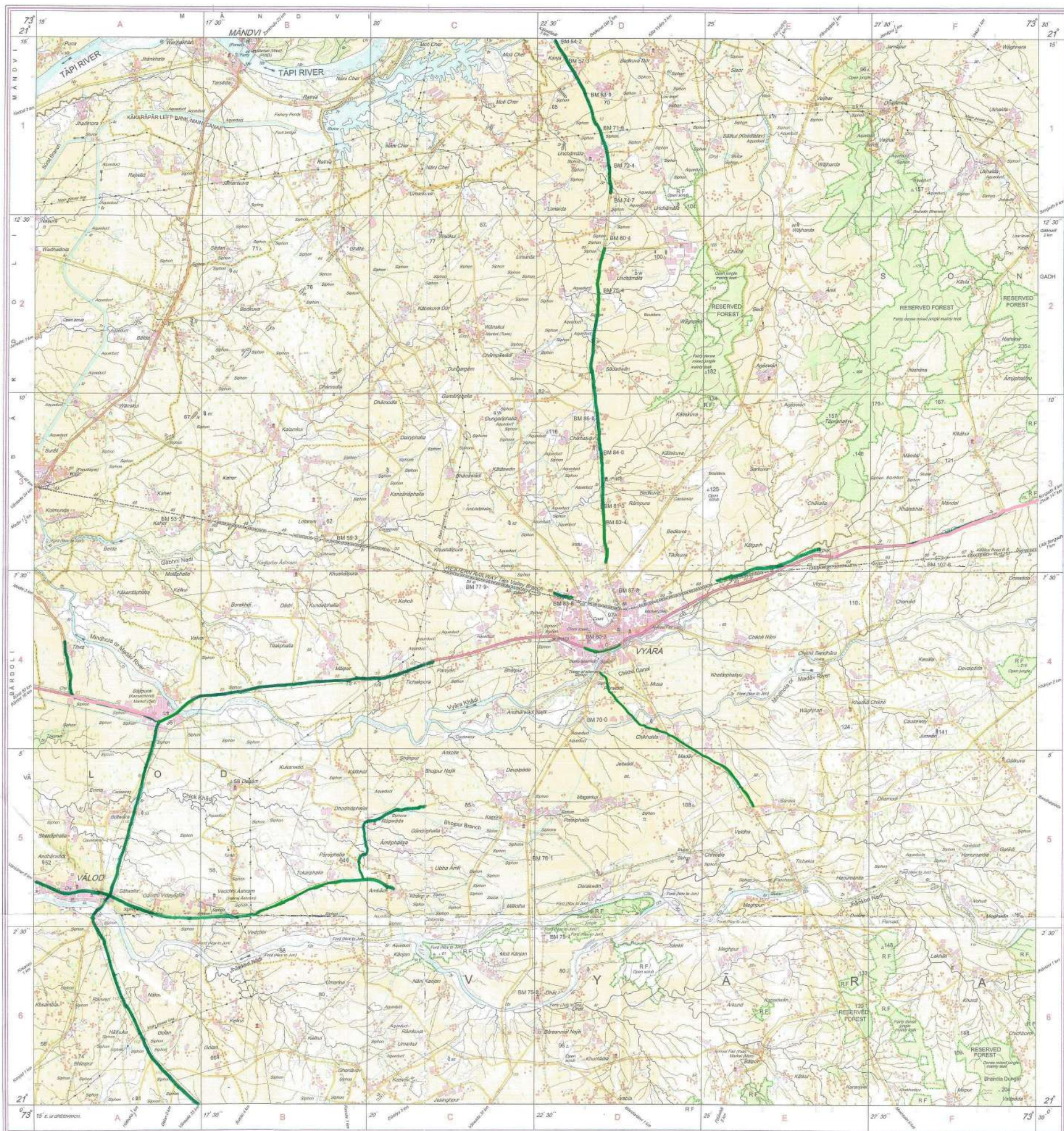
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Published under the direction of Swarna Subba Rao, B.E., Surveyor General of India,
Survey of India, Hillbarkala Estate, Post Box No.37, Dehra Dun-249001 (Uttarakhand).
Department of Science & Technology, Government of India

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— Diversion Route

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No. F43N4

Scale 1:50,000

F43M15 (46C/15)	F43N3 (46G/3) Sorat, GUJARAT	F43N7 (46G/7)
F43M16 (46C/16)	F43N4 (46G/4)	F43N8 (46G/8) Tali, GUJARAT
F43S13 (46D/13)	F43T1 (46H/1) Navsari, GUJARAT	F43T5 (46H/5)

1 Bharuch, GUJARAT.
2 The Dangs, GUJARAT.
3 Narmada, GUJARAT.

भारतीय सर्वेक्षण विभाग SURVEY OF INDIA

1st Edition 2010. Price Rs. 94/-

CONVENTIONAL SYMBOLS

Express highway, with toll with bridge with distance shown
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, unbridged. Canal
Dams, masonry or rock filled, concrete. Weir
River dry with water channel with island & rocks. Tidal river
Submerged rocks. Shoal. Swamp. Road.
Valley filled, unfilled. Tube-well. Spring. Tanks, cemented, dry
Embankment: road or rail, level, broken ground
Railways, broad gauge: double, single with station, under construction
Railways, other gauges: double, single with station, under construction
Mineral line or conveyor. Rtn. Cutting with tunnel
Contours with sub-levels. Rocky slopes. Cliffs
Sand features: (1) Wet. (2) Sand-hill (3) Sand-dune (4) Sand-bar
Towns or Villages: inhabited, deserted, Fort
Huts: permanent, temporary, Tent, Antiquities
Temples, Church, Mosque, Igloo, Tomb, Green
Lighthouse, Lightship, Beacon, lighted, unlighted, Anchorage
Mine, Uses on hills, Open, Closed
Ponds, pannes, other, Pannar, Cattle, Barabara, Other uses
Areas: cultivated, wooded, Barren, etc.
Boundary: international
data: demonstrated, undemonstrated
climate: sub-tropical, inland or O.K. forest
Boundary: plain: surveyed, un-surveyed
Height, benchmark: station, point, spot, etc.
BM 63.5, BM 63.5
Post office, Overhead link
Rail route or inspection bunker, Cross track, Police station
Camping ground, Forest: reserved, protected
Spaced names: administrative, locality or tribal
Hospital, Dispensary, Veterinary, Hospital, Dispensary
Aerodrome, Helipad, Tourist site
Power line with pylons surveyed, with poles unsurveyed

REFERENCE
M/G National Highway No. 5

NOTES:-
Heights and Contours have not been shown
Aerial photo, at represents the approximate height, in metres, between the top and bottom of a steep slope
Tanks, shown dry, in this area usually contain water from July to February
In areas, where no tube-wells exist, cultivation is periodic and dependent on rainfall

COMPILATION INDEX
A. Surveyed during 1971-72. Updated for major details during 2004-05

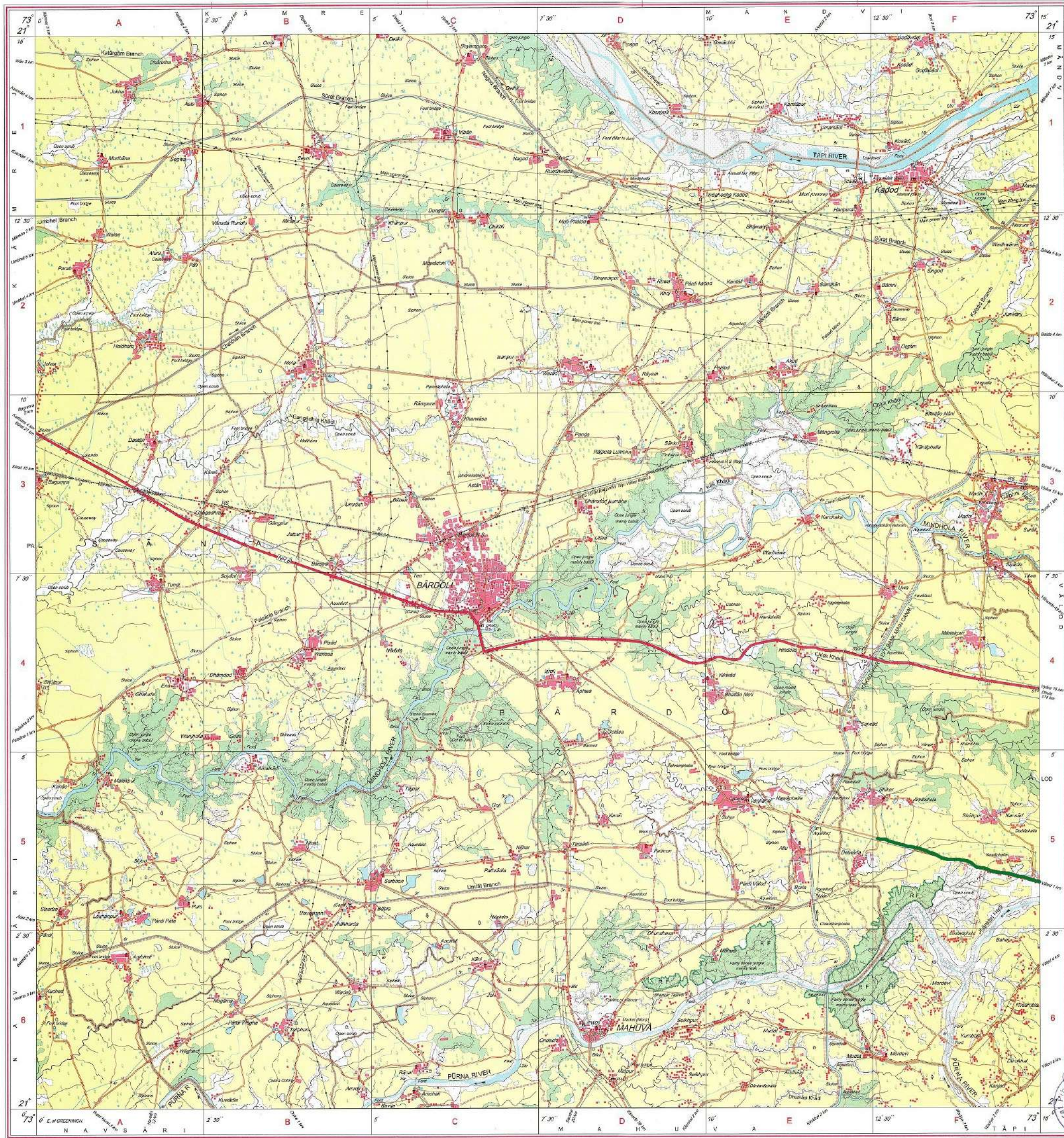
Projection - UTM Datum - WGS 84
Magnetic Variation from True North about 1° West in 2005.
(Decreasing by about 1° annually)
500 m to 1 cm
1:50,000
2 cm to 1 km
Scale 1:50,000

For further details about this map, please contact:
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Diversion Route

निर्यात के लिए नहीं NOT FOR EXPORT

No. F43N7

Scale 1:50,000

The map displays the following constituencies and their codes:

- Bharuch GUJARAT** (F43N2)
- Narmada GUJARAT** (F43N10)
- F43N6**
- F43N3**
- F43N7**
- F43N11**
- Surat GUJARAT**
- F43N4**
- F43N8**
- Tapi GUJARAT** (F43N12)

1. Navsari, GUJARAT.
2. The Dangs GUJARAT.
3. Nāsik, MAHARASHTRA.

भारतीय सर्वेक्षण विभाग

SURVEY OF INDIA

1st Edition 2011.

Price: Rs. 70/-

CONVENTIONAL SYMBOLS

[illegible]

NOTES

[illegible]

COMPILATION INDEX

A. Surveyed during 2011-12; updated for major details during 2014-05

天

Projection - UTM Datum - WGS 84

Magnetic Variation from True North about 1° Wes; in 2006,
(Decreasing by about 1° annually)

1:50,000

800 m to 1 cm 2 cm to 1 km

0 1 2 3 Kilometres

CONTOUR INTERVAL 20 METRES

For further details about this map, please contact:
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Department of Science & Technology, Government of India.

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— Diversion Route