

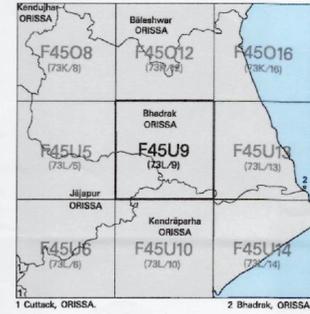


नियत के लिए नहीं NOT FOR EXPORT

OPEN SERIES MAP

No. F45U9

Scale 1:50,000



भारतीय सर्वेक्षण विभाग SURVEY OF INDIA

1st Edition 2009. Price ₹. 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. Face track with sea. Foot-path
Streams with track to bed, unadvised. Canal
Dams: masonry or rock-filled, earthwork. Weir
River with water channel with sand & rocks. Tidal river
Submerged rocks. Shoal. Sandbar. Head
Water track, culvert. Trestle bridge. Trestle viaduct. Dry.
Electricity: road or rail. Sub. line. Overhead line
Railways: broad gauge: double single with station, under construction
Railways: other gauges: double single with distance stone, do.
Mineral line or passway. Kin. Cutting with tunnel
Contours with sub-fraction. Rocky slopes. Cliffs
Bound features: (1) fact. (2) said-via (permanent). (3) dunes (settling)
Towns or Villages: inhabited, deserted, Fort
Water permanent, temporary, Tower, Aqueducts
Temples, Chhatris, Churches, Mosques, Light, Tombs, Graves
Lighthouses, Lightships, Buoy, Lighted, unlighted, Anchorage
Men. Mine on trails, Grass, Sand
Fence: post-and-rail, post-and-rail, post-and-rail, post-and-rail
Aerodrome, Helipad, Tourist site
Power line with pylons surveyed, with poles unsurveyed

Route of proposed pipeline
Forest Boundary
Affected Forest

REFERENCES

PIWD Public Works Department. BDO Block Development Office.

NOTES

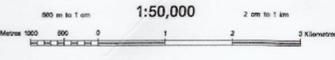
Height and contours have not been shown.
A relative height, i.e., represents the approximate height, in metres, between the top and bottom of a steep slope.
Important buildings are shown in black with names.
Hand Pump is shown thus

COMPILED INDEX

A. Compiled from 1:50,000 survey 1995-04. Updated for major details during 2005-08.

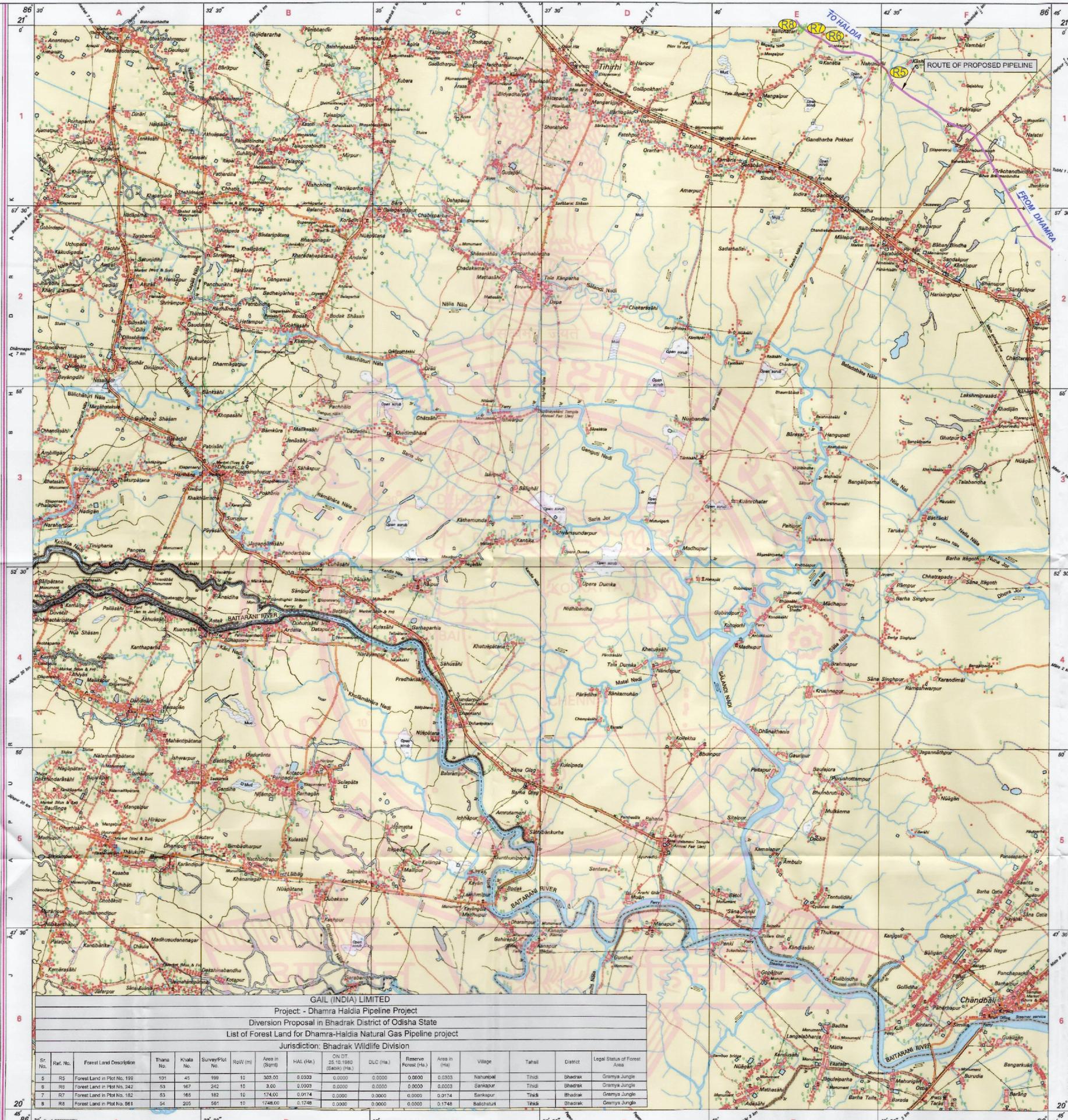
Projection - UTM Datum - WGS 84

Magnetic Variation from True North about 1/2 West in 2005. (Annual change negligible).



For further details about this map, please contact Director, Orissa Geo-Spatial Data Centre, Survey of India, Survey Bhawan, PO - R R Laboratory, Bhubaneswar - 751015. Fax: 0674 - 230418

WEBSITE - www.surveyofindia.gov.in



GAIL (INDIA) LIMITED
Project - Dhamra Haldia Pipeline Project
Division Proposal in Bhadrak District of Odisha State
List of Forest Land for Dhamra-Haldia Natural Gas Pipeline project
Jurisdiction: Bhadrak Wildlife Division

Sr. No.	Ref. No.	Forest Land Description	Thana No.	Khata No.	Survey/Plot No.	RoW (m)	Area in (Sqm)	HAL (Ha.)	ON DT. 25.10.1980 (Sdmt) (Ha.)	DLC (Ha.)	Reserve Forest (Ha.)	Area in (Ha.)	Village	Tahsil	District	Legal Status of Forest Area
5	RS	Forest Land in Plot No. 193	101	43	199	10	303.00	0.0329	0.0000	0.0000	0.0000	0.0329	Nanubani	Tivoli	Bhadrak	Gramya Jungle
6	R6	Forest Land in Plot No. 242	53	167	242	10	3.00	0.0093	0.0000	0.0000	0.0000	0.0093	Sankapur	Tivoli	Bhadrak	Gramya Jungle
7	R7	Forest Land in Plot No. 162	83	165	162	10	174.00	0.0174	0.0000	0.0000	0.0000	0.0174	Sankapur	Tivoli	Bhadrak	Gramya Jungle
8	R8	Forest Land in Plot No. 561	54	203	561	10	1748.00	0.1748	0.0000	0.0000	0.0000	0.1748	Balchakuri	Tivoli	Bhadrak	Gramya Jungle



02/03

Signature and stamp of Sanjivan Kumar Panigrahy, Director, Orissa Geo-Spatial Data Centre, Survey of India.

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

PROJECT: DHAMRA - HALDIA PIPELINE PROJECT SECTION: DHAMRA - HALDIA GAS PIPELINE (DHPL)

SECTION: Details of Revenue Forest to be Diverted District Bhadrak

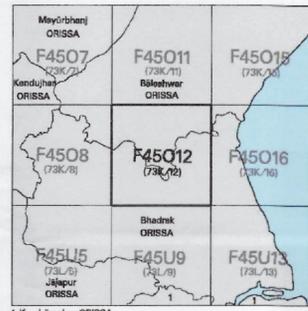
TITLE: SOI MAP

THE ODESH CONSULTANTS Logo and Name

Scale: 1:50,000 Job No: TDC/GAIL/19-20 Drawing / Document No: TDC-GAIL-DHPL-20-P19-RF-BHADRAK-RM-02 Sheet: 02-03 Rev: 01

No. F45012

Scale 1:50,000



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1st Edition 2008. Price : Rs. 60/-

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. Foot track with pass. Foot path.
- Stream with track in bed, unfordable. Canal
- Ditch: masonry or masonry structure. Water
- River dry with water channels with leasid & route. Tidal river
- Submerged roads. Road. Steam. Road
- Well, lined, unlined. Tubewell. Spring. Tanka. Permanent dry
- Chamberlain road or rail track. Station ground
- Railways, broad gauge double, single with station, under construction
- Railways, other gauges double, single with station, under construction
- Military line or command. I.C. Cutting with tunnel
- Contour with sea-level. Rocky slopes. Cliff
- Sea level: Mean High Water (MHW) (Government). (Bathymetric)
- Towns or Villages: inhabited, deserted. Fort
- Habit permanent, temporary. Tower. Archway
- Temple. Chhatra. Church. Mosque. Ghat. Tomb. Shrine
- Lighthouse. Lightship. Buoy: lighted, unlighted. Anchorage
- Mine. Wire on track. Cross. Scar
- Fence: post-and-rail. Flax. Conifer. Bamboo. Other trees
- Area: cultivated, wooded, surveyed tree
- Boundary, International
- State: Assam, Jammu & Kashmir
- District: subdivision, taluk or sub-division
- Boundary pillars: surveyed, uncoloured. Village boundary
- Height, trigonometric station point: approximate
- Spot height: geodetic, tertiary, mean
- Post office. Telegraph office. Overhead tank
- Rail station or inspection bungalow. Civil house. Police station
- Changing ground. Forest: reserved, protected
- Speed name: administrative, locality or tribal
- Hospital. Dispensary. Veterinary hospital / Dispensary
- Aerodrome. Helipad. Tourist site
- Power line: with pylons surveyed, with poles unsurveyed

Route of proposed pipeline
Forest Boundary
Affected Forest

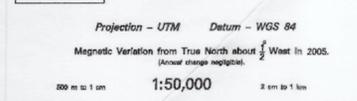
REFERENCES
AMB: Roads and Buildings Department. PWD: Public Works Department.
NH: National Highway No. 5. BOD: Block Development Office.

NOTES :-
Heights and Contours have not been shown.
The subdivision boundary between Bhatrapur and Bhatrapur subdivisions has been approved to divide boundary vide Government of Orissa Gazette notification 1996. Irrigation buildings have been shown in black with names.
Unmetalled roads along canal embankments are shown by cart track symbols.
A station height 'Ht.' represents the approximate height, in meters, between the top and bottom of a steep slope.
Hand Pump is shown thus

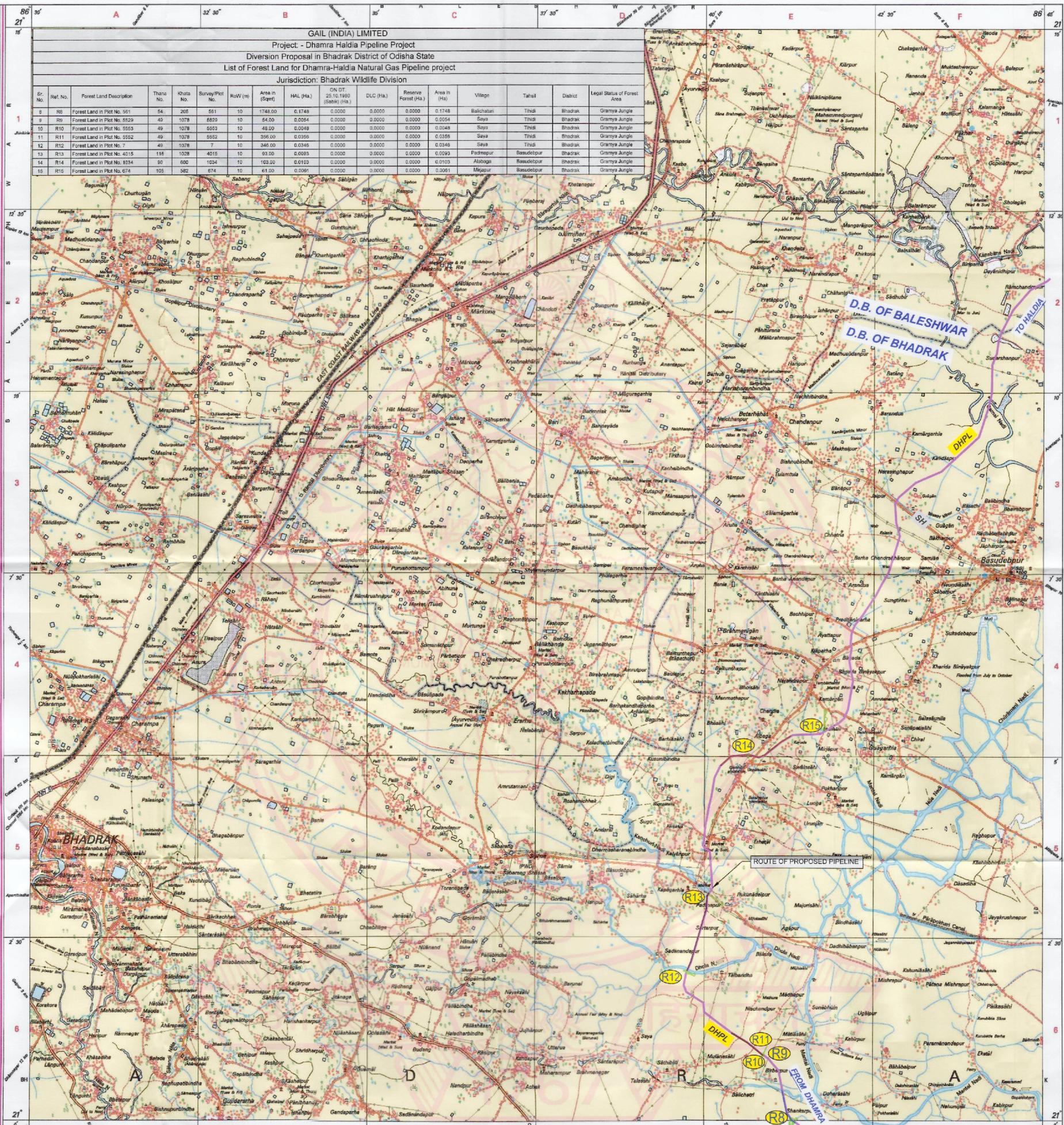
COMPILED INDEX

A. Compiled from 1:50,000 survey 1964-68. Updated for major details during 2008-09.

Projection - UTM Datum - WGS 84
Magnetic Variation from True North about 1/2 West in 2005. (Annual change negligible).



For further details about this map, please contact
Director
Orissa Geo-Spatial Data Centre
Survey of India
Bhubaneswar, P.O. - R.R. Laboratory
Bhubaneswar - 751013
Fax : 0674 - 230418



Sl. No.	Ref. No.	Forest Land Description	Thana No.	Khata No.	Survey Plot No.	RoW (m)	Area in (Sqmt)	HAL (Ha.)	ON DT. 25.10.1960 (Sqmt) (Ha.)	DLC (Ha.)	Reserve Forest (Ha.)	Area in (Ha.)	Village	Tahsil	District	Legal Status of Forest Area
8	R8	Forest Land in Plot No. 561	54	205	561	10	1748.00	0.1748	0.0000	0.0000	0.0000	0.1748	Balichhat	Trindi	Bhatrapur	Gramya Jungle
9	R9	Forest Land in Plot No. 5529	49	1078	6529	10	84.00	0.0054	0.0000	0.0000	0.0000	0.0054	Saya	Trindi	Bhatrapur	Gramya Jungle
10	R10	Forest Land in Plot No. 5553	49	1078	6553	10	48.00	0.0048	0.0000	0.0000	0.0000	0.0048	Saya	Trindi	Bhatrapur	Gramya Jungle
11	R11	Forest Land in Plot No. 5552	49	1078	6552	10	396.00	0.0396	0.0000	0.0000	0.0000	0.0396	Saya	Trindi	Bhatrapur	Gramya Jungle
12	R12	Forest Land in Plot No. 7	49	1078	7	10	346.00	0.0346	0.0000	0.0000	0.0000	0.0346	Saya	Trindi	Bhatrapur	Gramya Jungle
13	R13	Forest Land in Plot No. 4015	116	1028	4015	10	93.00	0.0093	0.0000	0.0000	0.0000	0.0093	Padmapur	Basudepur	Bhatrapur	Gramya Jungle
14	R14	Forest Land in Plot No. 1034	50	600	1034	10	103.00	0.0103	0.0000	0.0000	0.0000	0.0103	Alabaga	Basudepur	Bhatrapur	Gramya Jungle
15	R15	Forest Land in Plot No. 674	105	582	674	10	61.00	0.0061	0.0000	0.0000	0.0000	0.0061	Majapur	Basudepur	Bhatrapur	Gramya Jungle

Signature of Santanu Kumar Panda
General Manager (S.I.)
GAIL (India) Limited
Date: 03/03/2009

GAIL (India) LIMITED.
(A Govt. of India Undertaking)
JUBILEE TOWER, 8 & 9, L.R. DEPARTMENT 8TH FLOOR
B-36, 38 SECTOR-11, NOKIA 201/011, G.B. NAGAR, U.P., India

PROJECT: **DHAMRA - HALDIA PIPELINE PROJECT**
SECTION: **DHAMRA - HALDIA GAS PIPELINE (DHPPL)**

Details of Revenue Forest to be Diverted District Bhatrapur

SOI MAP
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DHPPL