OPEN SERIES MAP

# No. F45M1

Scale 1:50,000

| | | |
|---|---|---|
| F44L16 | F45G4 Sundargarh ORISSA | F45G8 |
| F44R13 | F45M1 Jhārsuguda ORISSA | F45M5 Sambalpur ORISSA |
| F44R14 | F45M2 | F45M6 |

1 Raigarh, CHHATTISGARH. 2 Baragarh, ORISSA. 3 Deogarh, ORISSA.

भारतीय सर्वेक्षण विभाग SURVEY OF INDIA

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## CONVENTIONAL SYMBOLS

Express highway: with toll; with bridge; with distance stone
Roads, metalled: according to importance
Roads, dacha (cartageway): 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. Tista 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 diagram station; dis.
Mineral line or tramway. Kiln. Cutting with tunnel
Contours with sub-features. Rocky slope. Cliffs
Sand features: (Bat.d)Sand-hills (permanent). (Bdune)shifting
Towns or Villages: inhabited; deserted. Fort
Huts: permanent; temporary. Tower. Antiquities
Temple. Chhat. Church. Mosque. Idgah. Tomb. Graves
Lighthouse. Lightship. Buoys: lighted; unlighted. Anchorage
Mine. Vine on trellis. Grass. Scrub
Palmyr palmyra: other. Plantain. Conifer. Bamboo
Areas: cultivated; wooded. Swamp. Sal
Boundary: international
" : state: demarcated; undemarcated
" : district; subdivision, tehsil or taluk; forest
Boundary pillars: surveyed; unlocated; village trijunction
Heights, triangulated: station; point; approximate 200 .200 .200
Bench-mark: geodetic; tertiary; level BM 63-3 .BM 63-3
Post office. Telegraph office. Overhead tank
Rest house or Inspection bungalow. Circuit house. Police station
Camping ground. Forest: reserved; protected CG RF PF
Speed names: administrative; locality or tribal KIKRU NAGA
Hospital. Dispensary. Veterinary hospital
Aerodrome. Heliped. Tourist site
Power line: with pylone surveyed; with poles unsurveyed

Route of proposed ABPL pipeline
Route of proposed TRL pipeline

## REFERENCES

NH 200 National Highway No. 200. PWD Public Works Department.
PHC Primary Health Centre.

## NOTES :-

Heights are in metres and above Indian mean sea level.
Contours are approximate.
A relative height, .Br, represents the approximate height, in metres, between the top and bottom of the steep slope.
The subdivision boundary between Jhārsuguda and Sambalpur Subdivisions has been upgraded to district boundary as per the information provided in the Gazette Notification, 1993 of Government of Orissa.
The triangulated heights and contours in this sheet have not been adjusted to the heights of the pillar-levelled bench-marks and may not be entirely in accordance with them.
Tanks, shown dry, in this area usually contain water from July to December.
Metalled roads and cart-tracks in this sheet are generally motorable in dry season.
Sand Pump is shown thus.

## COMPILATION INDEX

A. Compiled from 1:25,000 survey 1981-82.
Updated for major details during 2002-04.

Projection – UTM Datum – WGS 84

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

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

Metres 5000 2000 0 1 2 3 Kilometres

CONTOUR INTERVAL 15 METRES

For further details about this map, please contact
Director
Orissa Geo-Spatial Data Centre
Survey of India
Survey Bhawan, PO – R R Laboratory
Bhubaneshwar.
Fax : 0674 – 2301418

WEBSITE – www.surveyofindia.gov.in

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| Sr. No. | Ref. No. | Forest Land Description | Khata No. | Survey No./Plot No. | Area in (Sqmt) | HAL | ON DT 25.10.1980 (Sabik) | DLC | Reserved Forest | Area in (Ha) | Village | Tahsil | District | Legal Status of Forest Area |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | S1 | Forest Land in Plot No.830 | 196 | 830 | 381 | 0.0381 | 0.0000 | 0.0000 | 0.0000 | 0.0381 | Gumakarama | Rengali | Sambalpur | Jungle |
| 2 | S2 | Forest Land in Plot No.48 | 211 | 48 | 3275 | 0.3275 | 0.0000 | 0.0000 | 0.0000 | 0.3275 | Khariapali | Rengali | Sambalpur | Gramya Jungle |

(2/3)

N

SCALE : 1:50000

S1

CO-ORDINATES OF POINTS

| POINT_ID | EASTING | NORTHING | LATITUDE | LONGITUDE |
|---|---|---|---|---|
| 1 | 197163.589 | 2410237.829 | | |
| 2 | 197182.705 | 2410237.889 | | |
| 3 | 197209.150 | 2410234.750 | | |
| 4 | 197213.504 | 2410230.553 | | |
| 5 | 197159.165 | 2410227.998 | | |
| 6 | 276360.153 | 2450692.667 | | |

S2

CO-ORDINATES OF POINTS

| POINT_ID | EASTING | NORTHING | LATITUDE | LONGITUDE |
|---|---|---|---|---|
| 1 | 193456.418 | 2408799.879 | | |
| 2 | 193465.614 | 2408813.073 | | |
| 3 | 193468.124 | 2408817.307 | | |
| 4 | 193458.594 | 2408818.149 | | |
| 5 | 193458.488 | 2408455.337 | | |
| 6 | 193449.692 | 2408471.988 | | |

CLIENT : GAIL ( India ) LIMITED.
(A Govt. of India Undertaking)
JUBILEE TOWER, B & LR DEPARTMENT,8TH FLOOR,
B-35,36 SECTOR-1, NOIDA 201301, G.B. NAGAR(U.P.) India

PROJECT : Jagdishpur-Haldia-Bokaro-Dhamra Gas Pipeline Project

SECTION : Aditya Birla Plant (Bokaro-Angul Pipeline - 3A Main-pipeline) Tata Refractories Ltd (IP 30/1) of ABPL Spur Line)

SECTION : Details of Revenue Forest to be Diverted in Sambalpur District

TITLE : SOI MAP

THEODESH CONSULTANTS

CODE : ABPL - TRL

| Scale | Job No. | Drawing / Document No. | Sheet | Rev. |
|---|---|---|---|---|
| 1 : 50,000 | TDC/GAIL/19-20 | TDC-GAIL-ABPL&TRL-20-P19-RF-SAM-RM-02 | 02-03 | 0A |

A1

गदाधर कंधपानी/Gadadhar Kandhapani
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C-10-512, Utkal Signature,Pahala, NH-5
भुवनेश्वर-752101, Bhubaneswar-752101

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