निर्यात के लिए नहीं NOT FOR EXPORT

OPEN SERIES MAP

No. F45N5

Scale 1:50,000

F45H4 (73F4)	Paschimi Singhbhūm JHĀRKHAND F45H8 (73F8)	F45H12 (73F12)
Sundargarh ORISSA F45N1 (73G1)	F45N5 (73G5)	F45N9 (73G9) Kendujhar ORISSA
F45N2 (73G2) Deogarh ORISSA	F45N6 (73G6) Anugul ORISSA	F45N10 (73G10)

1 Mayūrbhanj, ORISSA.

Sheet No. 10

भारतीय सर्वेक्षण विभाग SURVEY OF INDIA

1st Edition 2009.

PRICE Rs. 110/-

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 and 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 CG R F P F
Spaced names: administrative; locality or tribal KIKRI NĀGA
Hospital. Dispensary. Veterinary: Hospital / Dispensary
Aerodrome. Helipad. Tourist site
Power line: with pylons surveyed; with poles unsurveyed

Alternate-I, Length - 200 Km

Alternate-II, Length - 161.9 Km

Alternate-III, Length - 185.9 Km

REFERENCES

NH 215 National Highway No. 215. SER South Eastern Railway.

NOTES :-

Heights are in metres and above Indian mean sea level.
Contours are approximate.
A relative height, ‚8r‚, represents the approximate height, in metres, between the top and bottom of a steep slope.
The exterior boundaries of areas of Reserved or Protected Forests are shown by green ribands.
The district and subdivision boundaries in this sheet have been surveyed as pointed out by the local officials on the ground, but have not been verified by the District authorities.
The reserved forest boundary of Khajurdihi Reserved Forest in squares A / 4 & 5 has been taken from Forest maps.
Hand Pump is shown thus.....f.

COMPILATION INDEX

A Compiled from 1:25,000 survey 1973–74, 78–79. Updated for major details during 2005–06.

Projection – UTM Datum – WGS 84

Magnetic Variation from True North about $\frac{1}{2}^{\circ}$ West in 2005.
(Annual change negligible).

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
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Orissa Geo-Spatial Data Centre
Survey of India
Survey Bhawan, PO – R R Laboratory
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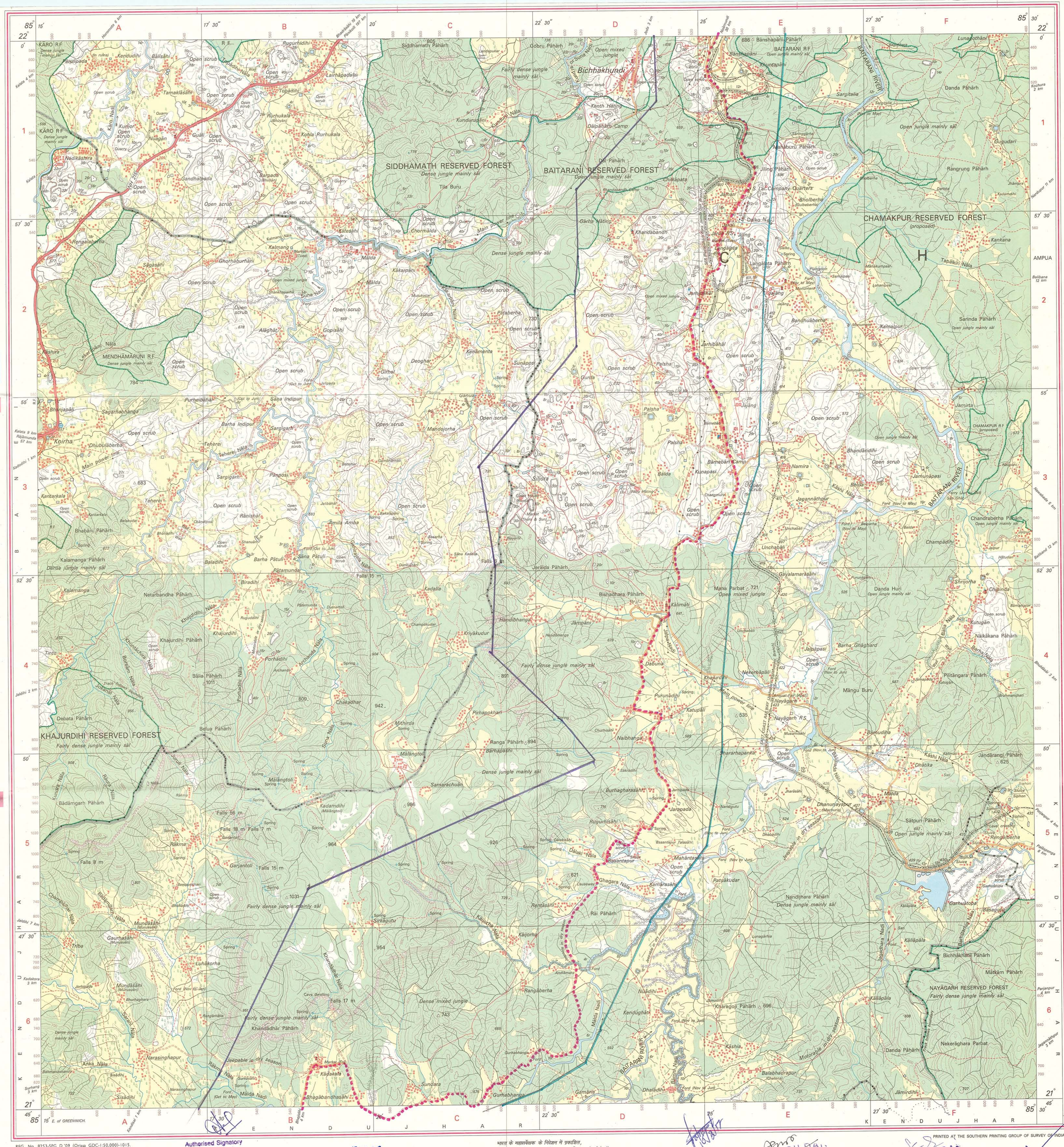
SIDDHAMATH RESERVED FOREST
BAITARANI RESERVED FOREST
CHAMAKPUR RESERVED FOREST (proposed)
KHAJURDIHI RESERVED FOREST
NAYAGARH RESERVED FOREST
MENDHAMARUNI R.F.
BAITARANI R.F.
KARO R.F.
BAITARANI RIVER
Bichhakhundi
Siddhamath Pāhārh
Gobru Pāhārh
Banshapani Pāhārh
Mahaburu Pāhārh
Jiling Pāhārh
Langalata Pāhārh
Jamunāshāi
Jajang
Kamalpur
Sarinda Pāhārh
Chandrabeha Pāhārh
Jamirta
Namira
Jagannāthpur
Kāshi Nala
Bhabani Pāhārh
Kalamanga Pāhārh
Netarbandha Pāhārh
Khajurdihi Pāhārh
Bāliia Pāhārh
Belua Pāhārh
Debata Pāhārh
Bādāmgarh Pāhārh
Kālimāti
Bishadhara Pāhārh
Maha Parbat 721
Danda Huri
Māngu Buru
Pilitāngara Pāhārh
Nāikākana Pāhārh
Jandārangi Pāhārh
Sātpuri Pāhārh
Rengalberha
Garhuatopa
Basagutia
Bichhākhani Pāhārh
Mātkam Pāhārh
Nekerāghara Parbat
Danda Pāhārh
Kāliāpāla
Kharagoji Pāhārh 696
Nandijhara Pāhārh
Dense jungle mainly sāl
Fairly dense jungle mainly sāl
Open jungle mainly sāl
Dense mixed jungle
Jeepable in dry season
Motorable in dry season
Main power line
Falls 15 m
Falls 56 m
Falls 18 m
Falls 7 m
Falls 8 m
Falls 17 m
Kālāpāla
Bhagabandhasāhi
Kadakala
Sundara
Gurhabhanga
Gamāria
Dhaladihi
Kāshia
Balabhadrapur (Chaterai)
Jāmirdihi
Rāi Pāhārh
Rāngāberha
Kendughāt
Nuādihi
Kāshia
Ranga Pāhārh 894
Barhapāshi
Samarachuan
Burhagharasāhi
Jarapada
Rugurhisāhi
Dālaki Nala
Basantapur
Mahāntasāhi
Ghagara Nala
Kamarasāhi
Patuākudar
Rentāsāhi
Kājorha
Kājorha Nala
Sirkāgutu
Khandādhar Nala
Khandādhar Pāhārh
Narasinghapur
Anka Nala
Sisādihi
Mālda Nadi
Mālangtoli
Kadamdihi (Mālangtoli)
Rākma
Garjantali
Champādihi Nala
Bālāmbāri Nala
Mundāsāhi (Murusuān)
Gaurhasāhi (Murusuān)
Triba
Luhākorha
Jorhipada
Bhurbhagara
Sarath Nala
Rāmā Nala
Jurdi Nala
Raura Nala
Khajurdihi Nala
Porhadihi Nala
Porhadihi
Archanda Nala
Chakadhar
Pirhapokhari
Mithirda
Naibhanga
Handibhanga
Jāmpāni
Kriyākudur
Dabuna
Purunādihi
Katupāli
Nekerhāpāli
Khajurdihi
Jalpāpāsi
Barha Ghaghard
Barha Nala
Bālia Nala
Kutugān
Sharārhapanka
Bāmudiha
Dhātika
Dhanurjeyapur (Machuria)
Malda
Kālimāti
Jhārāsāhi
Dālaki Nala
Ghāsiāsāhi
Kājorha
Andiāmāla
Rāngāmāria
Gurhabhanga
Bhagabandhasāhi
Kāliāpāla
Vagadhara Nadi
Bamunārīa Nala
Bichhākhani Pāhārh
Mātkam Pāhārh
Nekerāghara Parbat
Danda Pāhārh
Jāmirdihi
Kāshia
Balabhadrapur (Chaterai)
Dhaladihi
Gamāria
Ramo Nadi
Kendughāt
Nuādihi
Rāngāberha
Rāi Pāhārh
Kāliāpāla
Lunagārhia
Kāliāpāla
Sātpuri Pāhārh
Garhuatopa
Basagutia
Jandārangi Pāhārh 625
Kālimāti
Kāshi Nala
Dhātika
Bāmudiha
Sharārhapanka
Nayagarh
Nayagarh R.S.
EAST COAST RAILWAY
Jaltāra
Jiling
S. Lal Company Quarters
Bholberha (Gulberha)
Chikāpata
Khandabandh
Garha Hāting
Dālko Nala
Dālko
Jarda R.S.
Langalata
Jajang
Bandhuāberha
Jarhibahāl
Palsha
Gurca
Bāmebari
Bāmebari Camp
Kunapāsi
Bālda
Siljora
Jamunāpāsi
Bhandāridihi
Chāmpādihi
Unchabāli
Gāyalamarāsāhi
Shrijorha
Chipinda
Kutugān
Bāmānjor
Jāmirta
CHAMAKPUR R.F. (proposed)
Sārgitalia
Danda Pāhārh
Gugudari
Rangrung Pāhārh
Kānkana
Tapāikiri Nala
Mānkurhpāsi
Lohanipāsi
Semālpāsi
Bānshapani
Khuntapani
Kānth Hāting
Dālpāhārh Camp
Kundurupāni
Kundurupāni Nala
Siddhamath Pāhārh
Tila Buru
Chormālda
Kākarpāni
Kākarpāni Nala
Paraberha
Kenāmenta
Sunāpāsi
Girhel
Deoghar
Gopisāhi
Alāghāt
Mālda
Kātesāhi
Kalmang
Kalmang Nala
Ghorhāburhāni
Sāgasāhi
Rengalberha
Kāshira
Kākarpāni Nala
Sana Indipur
Purheibahāl
Sagarhabhanga
Barha Indipur
Sargigarh
Teherei
Teherei Nala
Panposi
Kantarkala
Rānishāl
Amila Amba
Sana Pātuli
Barha Pātuli
Pātamunda
Baladihi
Biradihi
Kalamanga
Kadalla
Handibhanga
Jāmpāni
Kriyākudur
Fairly dense jungle mainly sāl
Dense jungle mainly sāl
Fairly dense jungle mainly sāl
Dense jungle mainly sāl
Fairly dense jungle mainly sāl
Dense jungle mainly sāl
Fairly dense