निर्यात के लिए नहीं NOT FOR EXPORT

OPEN SERIES MAP

No. F45N8

Scale 1:50,000

F45N3 (73G3)	F45N7 (73G7)	Kendujhar ORISSA F45N11 (73G11)
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भारतीय सर्वेक्षण विभाग SURVEY OF INDIA

1st Edition 2009. Price : Rs. 50/-

PACKETTIGI

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; de
Mineral line or tramway. Kiln. Cutting with tunnel
Contours with sub-features. Rocky slopes. Cliffs
Sand features: (1)list.(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
Post office. Telegraph office. Overhead tank.
Rest house or Inspection bungalow. Circuit house. Police station
Camping ground. Forest: reserved; protected CG RF PF
Spaced names: administrative; locality or tribal KIKRI NĀGA
Hospital. Dispensary. Veterinary: Hospital / Dispensary
Aerodrome. Heliport. Tourist site
Power line: with pylons surveyed; with poles unsurveyed

REFERENCE

NH 23 National Highway No. 23.

NOTES :-

Heights are in metres and above Indian mean sea level.
Contours are approximate.
A relative height, ..ft, represents the approximate height, in metres, between the top and bottom of a steep slope.
The district and subdivision boundaries have been surveyed as pointed out by the local officials on the ground, but have not been authenticated by the concerned district authorities.
The Reserved Forest boundaries have been surveyed as pointed out by the local forest officials on the ground, but have not been authenticated by the authorities concerned.
The exterior boundaries of areas of Reserved forests are shown by green riband.
Cart-tracks, in this sheet, are generally jeepable in dry season.
Fords in this area usually contain water from June to December.
Hand Pump is shown thus.

COMPILATION INDEX

A. Surveyed during 1976-78. Updated for major details from 1:25,000 survey 1997-06.

Projection – UTM Datum – WGS 84

Magnetic Variation from True North about $\frac{3}{4}$° 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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Survey Bhawan, PO – R R Laboratory
Bhubaneshwar – 751013
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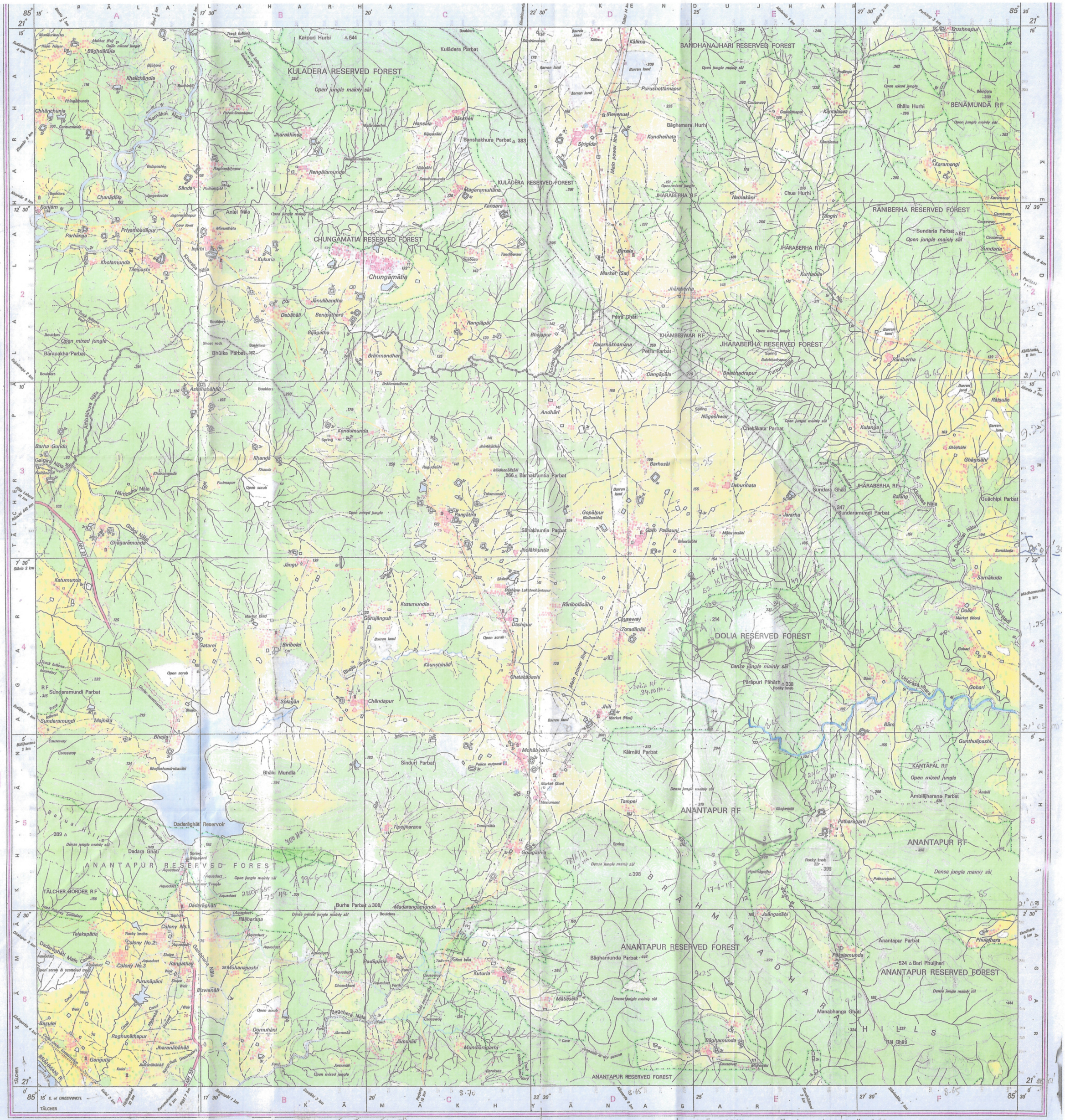
KULADERA RESERVED FOREST
BANDHANAJHARI RESERVED FOREST
BENĀMUNDA RF
CHUNGAMATIA RESERVED FOREST
RĀNIBERHA RESERVED FOREST
JHARABERHA RESERVED FOREST
JHARABERHA RF
KHAMBESWAR RF
DOLIA RESERVED FOREST
ANANTAPUR RF
ANANTAPUR RESERVED FOREST
TĀLCHER BORDER RF
KANTĀPĀL RF
Dadarāghāt Reservoir
Kairpuri Hurhi
Kuladera Parbat
Kālima
Purushottamapur
Bāghamara Hurhi
Kundheihata
Sirigida
Bhālu Hurhi
Kāntalasua
Karamangi
Chua Hurhi
Nāmakāni
Sundaria Parbat
Sundaria
Rānibera
Kurlabila
Birmala
Petra Ghāti
Petra Parbat
Dangāpāla
Balabhadrapur
Nāgeshwar
Chekākata Parbat
Kulanga
Rāisuan
Ghāgisāhi
Barhasāi
Dehurinata
Sundara Ghāti
Sundaramundi Parbat
Jararha
Gopālpur
Gaon Palāsuni
Sānakhuntia Parbat
Jhulākhuntia
Rānibolāsāhi
Dashipur
Chāndapur
Solāgān
Jhili
Pārāpuri Pāhārh
Uttarāsāhara
Bām
Gobari
Gunthulipāshi
Ambilijharana Parbat
Pātharagarh
Kālimāti Parbat
Sinduri Parbat
Bhālu Mundia
Tampei
Tipejharana
Gobāgāhin
Burha Parbat
Madarangamunda
Juāngasāhi
Anantapur Parbat
Phuljhara
Pākalamunda
524 Bari Phuljhari
Bāghamunda Parbat
Kuturia
Mātiāsāhi
Mundiāragarhi
Bāghamunda
Manabhanga Ghāti
Rāi Ghāti
Gāchipi Parbat
Samākuda
Dolia
Sundaramundi
Majhika
Bhejia
Gatarei
Biribolei
Gengutia
Raghunāthapur
Jharanābāhāli
Basulei
Purunāpāni
Rangathāli
Colony No.1
Colony No.2
Colony No.3
Mohanapāshi
Biswanāli
Dadarāghāti
Dadara Ghāti
Tālakapātia
Rājharana
Bagchera Nāla
Domuhāni
Jāmunāli
Kusumundia
Gurujānguli
Kāunshināli
Chātakābāshi
Chānda
Jāngu
Kātumunda
Khanda
Kendumunda
Ghāgarāmunda
Ghāti Nāli
Nāmbalia Nāla
Ambākhura Nāla
Barha Gundu
Gaigira Nāla
Khālichhāndia
Chhānchunia
Chānāpāla
Kunjam
Parhānga
Priyambadāpur
Kholamunda
Thelipāshi
Jānulibandha
Debāhāli
Benipāthara
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Bāranpakha Parbat
Ashāhanāhāli
Anlei Nāla
Khanda Nāla
Kuturia
Bhojapur
Karanākhamana
Rangiāpāl
Brāhmandhara
Andhāri
Jhārkhunda
Jharakhunda
Rengālamunda
Sānda
Hansbāla
Bānkhāli
Bānshakhura Parbat
Magaramuhāna
Kansara
Chungāmātia
Kālimāti
Main power line
Krushnapur
Bhālu Hurhi
Kārambāsāhi
Kālimāti
Kālimāti
Kālimāti