Toposheet Map of Degraded Forest land in Hariganwan, Khutheria village Proposed for CA of Rajbar E&D OC Project

निर्यात के लिये नहीं NOT FOR EXPORT

OPEN SERIES MAP

No.G44X15

Scale 1:50,000

Bhubaneswar ORISSA G44X10 (63P/10)	Rourkela ORISSA G44X14 (63P/14)	3 Aurangabad BIHAR G45S2 (72D/2)
G44X11 (63P/11) Gadhwa JHARKHAND	G44X15 (63P/15)	G45S3 (72D/3) Palamu JHARKHAND
G44X12 (63P/12)	G44X16 (63P/16)	G45S4 (72D/4)

Sonbhadra, UTTAR PRADESH. 7 Surguja, CHHATTISGARH.

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Edition 2009. Price : Rs. 50/-

CONVENTIONAL SYMBOLS

NOTES :-

N INDEX

Projection – UTM Datum – WGS 84

Magnetic Variation from True North about ½° West in 2005.

1:50,000

CONTOUR INTERVAL 20 METRES

Legend

Proposed CA Land

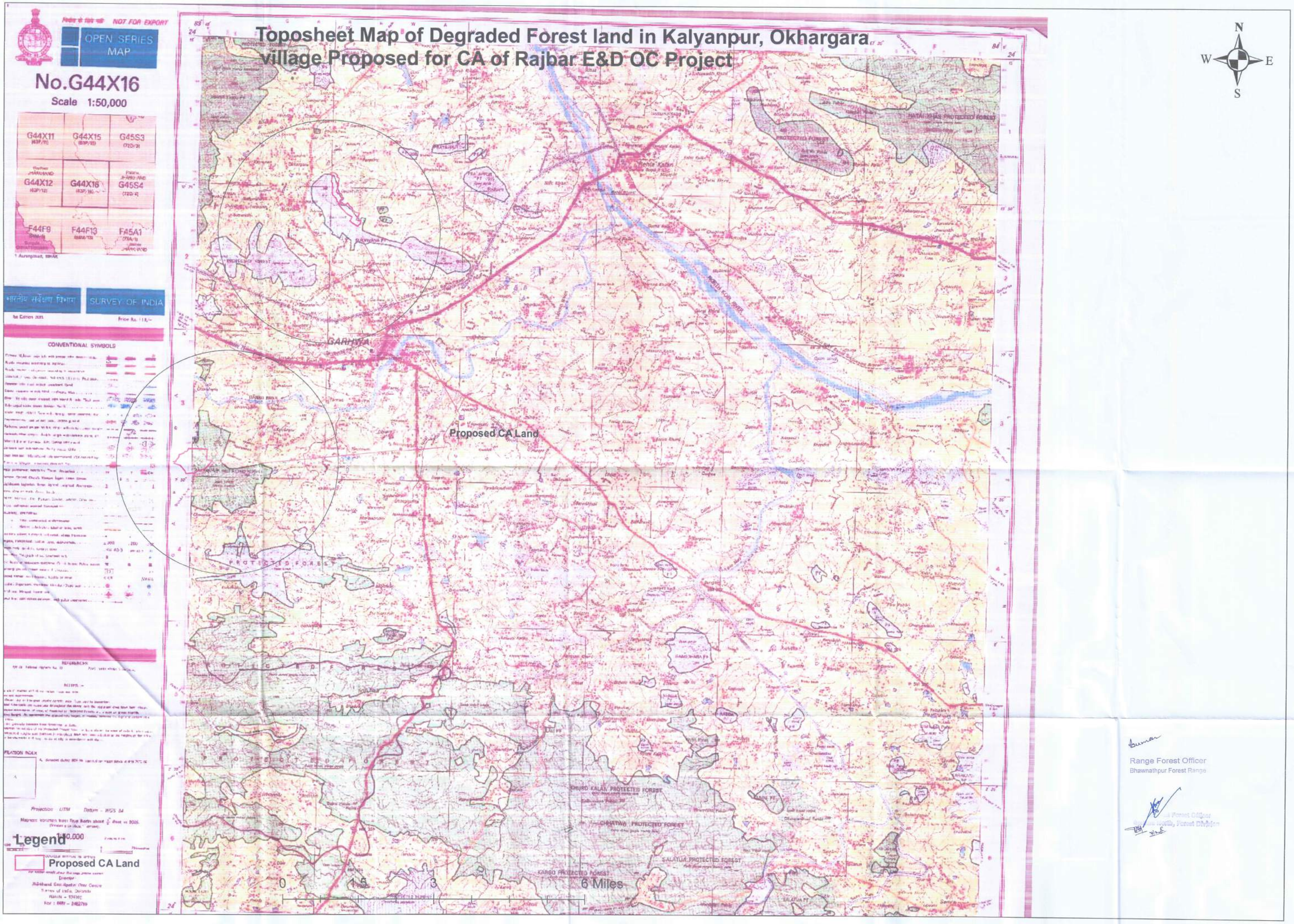
Director
Jharkhand Geo-Spatial Data Centre
Survey of India, Doranda
Ranchi : 834002
Fax : 0651 – 2482789

N
W E
S

Range Forest Officer
Bhawnathpur Forest Range

Divisional Forest Officer
Garhwa North, Forest Division

Toposheet Map of Degraded Forest land in Kalyanpur, Okhargara village Proposed for CA of Rajbar E&D OC Project



Range Forest Officer
Bhawnathpur Forest Range

Toposheet Map of Degraded Forest land in Pachadumar village Proposed for CA of Rajbar E&D OC Project

Range Forest Officer
Bhawnathpur Forest Range

Divisional Forest Officer
Garhwa North, Forest Division

Toposheet Map of Degraded Forest land in Pipra village Proposed for CA of Rajbar E&D OC Project

OPEN SERIES MAP

No. G44X6

Scale 1:50,000

G44X1 (63P/1)	G44X5 (63P/5)	G44X9 (63P/9)
G44X2 (63P/2)	G44X6 (63P/6)	Kaimur BIHAR G44X10 (63P/10)
Sonbhadra UTTAR PRADESH G44X3 (63P/3)	G44X7 (63P/7)	Garwa JHARKHAND G44X11 (63P/11)

1 Mirzāpur, UTTAR PRADESH.
2 Chandauli, UTTAR PRADESH.
3 Rohtās, BIHAR.

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CONVENTIONAL SYMBOLS

Express highway, with toll; with bridge; with distance stone
Roads, metalled according to importance
Road, double carriageway, according to importance
Unmetalled road; Cart track; Pack-track with pass; Foot-path
Streams with track in bed; underwater; Canal
Canal; masonry or rock-filled; earthwork; Weir
River dry with water disclosed; with islands & rocks; Tidal river
Submerged rocks; Shoal; Swamp; Marsh
Well; Well, unlined; Tube-well; Spring; Tanks; perennial; dry
Embankments; road or rail; tank; Broken ground
Railways, broad gauge double, single with station; under construction
Railways, other gauges double, single with distance stone; rc
Mineral (mine) railway; Adit; Cutting with tunnel
Contours with sub-features; Rocky slopes; Cliffs
Bund; Kaldar (Tyal); Gravel-filling (permanent); Quarries (working)
Towers or Villages (inhabited); dase-fort; Fort
Huts; Permanent; temporary; Tower; Antiquities
Temples; Chikki; Church; Mosque; Math; Tomb; Graves
Lighthouse; Lighthouse (flying light); unlighted; Anchorage
Mine; Mine on hills; Cross; Stupa
Palms; palmyra; date; Medium; Coconut; Bamboo; Other trees
Areas; cultivated; wooded; Surveyed tree
Boundary, international
" state (demarcated; undemarcated)
" district; sub-division; tahsil or taluk; forest
Boundary pillars surveyed; unsurveyed
Heights; triangulated station; point; approximate
Benchmark; geodetic; tertiary; canal
Post office; Telegraph office; Overhead tank
Rest houses or inspection bungalow; Circuit house; Police station
Grazing ground; Forest reserved; protected
Reserved areas; administrative; locality or tribal
Hospital; Dispensary; Veterinary Hospital / Dispensary
Aerodrome; Helipad; Tourist site
Power line; with pylons surveyed; with poles unsurveyed

NOTES :-

Heights are in metres and shown indian mean sea level.
Contours are approximate.
A relative height, e.g. 8, represents the approximate height, in metres, between the top and bottom of a steep scarp.
The kilometre stone nearest along roads and tracks are shown in kilometres, e.g. 3 whereas intermediate numbers are shown in weight type, e.g. 16.
Tanks, shown dry, in this area usually contain water from July to March.
All unmetalled roads are impassable in dry season. Prior enquiry to use these along outlying or remote tracks.
Permission to visit is required from the Irrigation and Forest Authorities, respectively.
Wells are numerous throughout the sheet, only the important ones have been shown.
Area of expected acquisition by the proposed reservoir of Hogenakal in squares C/2, D /2, 3 and E /2, 3 has been indicated by black broken lines.

COMPILATION INDEX

A - Surveyed during 1925-27. Updated for major details during 2005-07

Projection - UTM Datum - WGS 84

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

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CONTOUR INTERVAL 20 METRES

For further details about the map, please contact:
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Legend

Proposed CA Land

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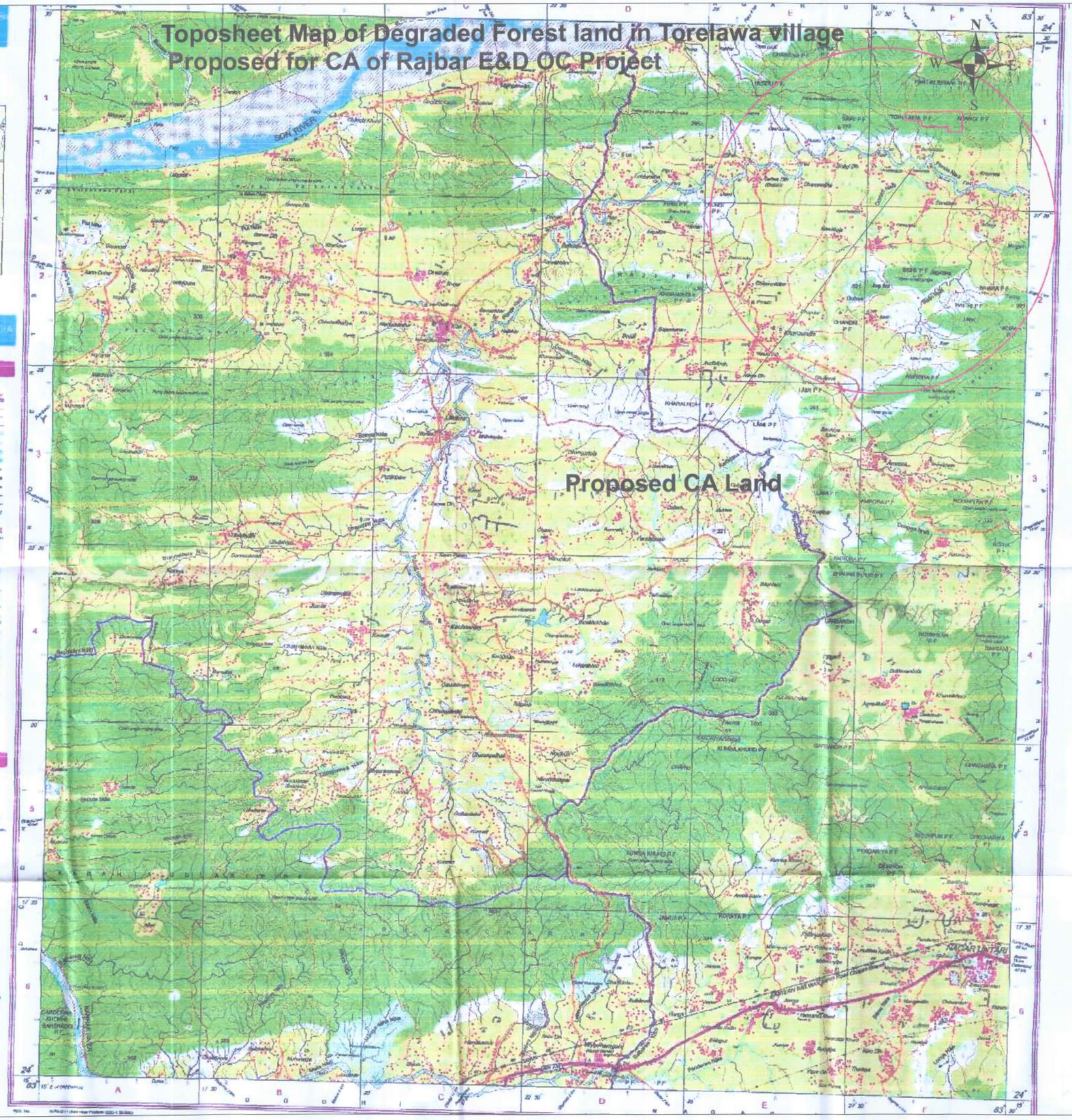
Range Forest Officer
Bhawnathpur Forest Range

Toposheet Map of Degraded Forest land in Torelawa village Proposed for CA of Rajbar E&D OC Project



No. G44X7

Scale 1:50,000

1 Chandauli, UTTAR PRADESH
2 Rohtas, BIHAR

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CONVENTIONAL SYMBOLS

REFERENCE

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CONTOUR INTERVAL 20 METRES

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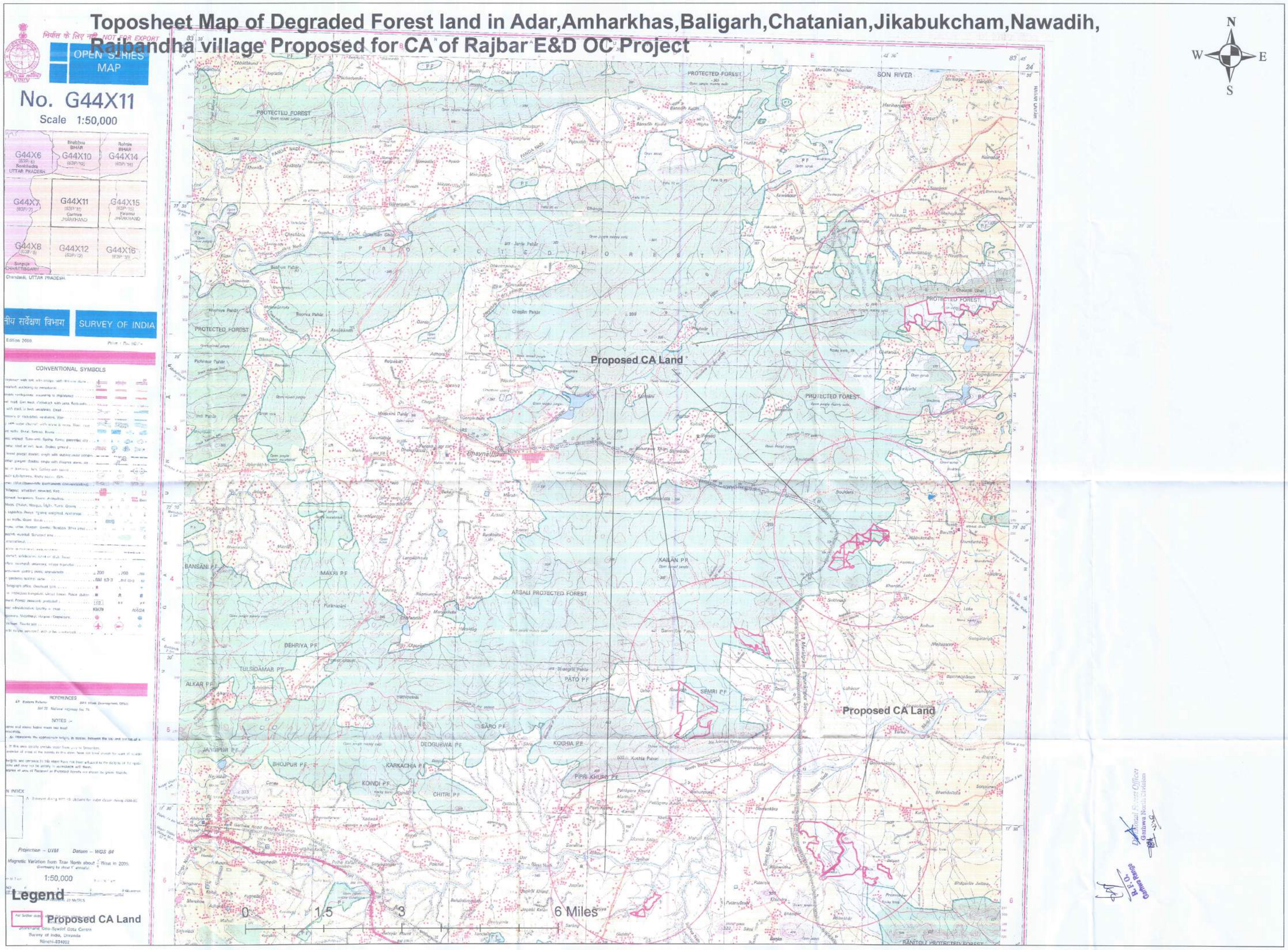
Bhawnathpur Forest Range

Divisional Forest Officer
Gaimukh North, Forest Division

Toposheet Map of Degraded Forest land in Adar,Amharkhas,Baligarh,Chatanian,Jikabukcham,Nawadih, Rajbandha village Proposed for CA of Rajbar E&D OC Project



Toposheet Map of Degraded Forest land in Baghauta, Chama, Garuasoti, Tenar, Kalyanpur village Proposed for CA of Rajbar E&D OC Project

निर्यात के लिये नहीं NOT FOR EXPORT

OPEN SERIES MAP

No. G44X12

Scale 1:50,000

G44X7 Mirzapur U.P.	G44X11	G44X15 Palamu JHARKHAND
G44X8	G44X12 (Gumla JHARKHAND)	G44X16
F44F5 Sarguja CHHATTISGARH	F44F9	F44F13

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N
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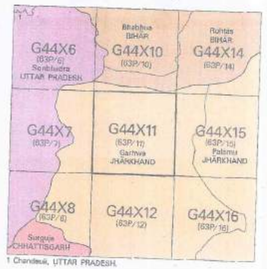
Divisional Forest Officer
Garhwa North Division

R.F.O.
Gattma Ranger

Toposheet Map of Degraded Forest Land in Bahiarkhurd village Proposed for CA of Rajbar E & D OC Project

No. G44X11

Scale 1:50,000



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CONTOUR INTERVAL 20 METRES

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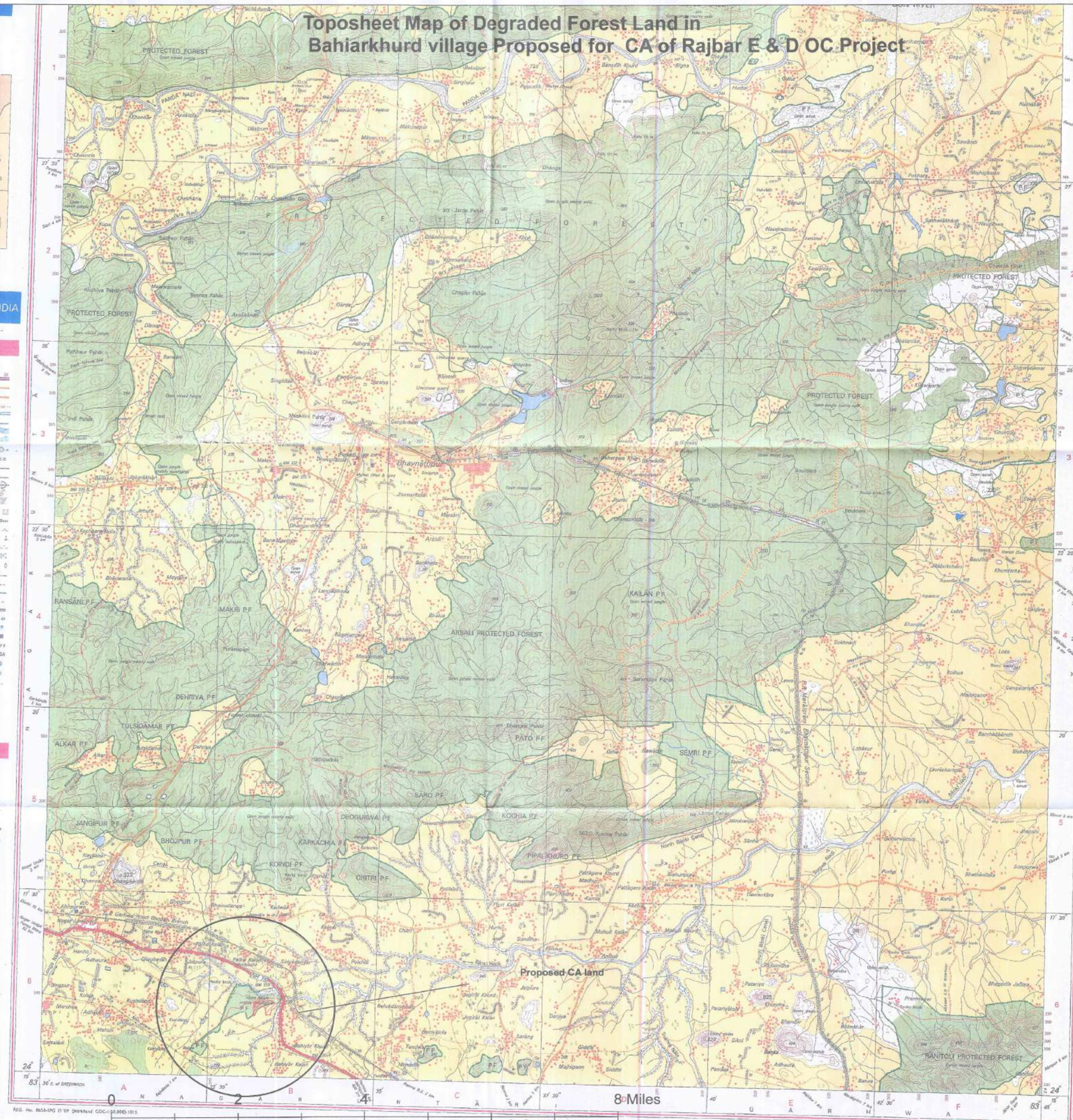

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Department of Science & Technology, Government of India.

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N
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R.F.O.
Garhwa Range

Divisional Forest Officer
Garhwa North Division

Geo-referenced Cadastral Map of Degraded Forest Land in Koindi Village Proposed for CA of Rajbar E & D OC Project

OPEN SERIES MAP

No. G44X11

Scale 1:50,000

G44X6 (63P/6) Sonbhadra UTTAR PRADESH	Bhabhua BIHAR G44X10 (63P/10)	Rohtas BIHAR G44X14 (63P/14)
G44X7 (63P/7)	G44X11 (63P/11) Garhwa JHARKHAND	G44X15 (63P/15) Palamu JHARKHAND
G44X8 (63P/8) Surguja CHHATTISGARH	G44X12 (63P/12)	G44X16 (63P/16)

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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; with pass, Foot-path
Streams: with track in bed; unidentified, Canal
Ditch; masonry or rock-ditch; earthwork, Weir
River: dry; with water (digitised) with islands & rocks, Tidal river
Submerged rocks, Shoal, Swamp, Beach
Well: lined; unlined, Tube-well, Spring, Tanks: perennial; dry
Embankment: road or rail; tank, Broken ground
Railways, broad gauge: double; single with stations under construction
Railways, other gauges: double; single with distance stone, etc
Mineral line or tramway, Kiln, Quarry with kanat
Contours with sub-divisions, Rocky slopes, Cliffs
Sand features: (Mat,Dzanko-hill, permanent) Shifting
Towns or Villages: inhabited; deserted, Fort
Huts: permanent; temporary, Tower, Antiquities
Temple, Chhatri, Church, Masjid, Idgah, Tomb, Graves
Lighthouse, Lightship, Buoys, lighted; unlighted, Anchorage
Mine, Kiln or Quarry, Grave, Bonds
Palms: palmyra; other, Plantain, Cactus, Bamboo, Other trees
Areas: cultivated; wooded, Surveyed area
Boundary, International
- state: demarcated; undemarcated
- district; subdivision, tehsil or taluk; forest
Boundary pillars: surveyed; unsurveyed, village trijunction
Heights, triangulation station; point; approximate 200 200 209
Benchmark: pedestal; factory; metal 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 reserve; protected RG R.F. P.F.
Spaced names: administrative; facility or tribal KIKRI NAGA
Hospital, Dispensary, Veterinary Hospital/Dispensary
Aerodrome, Heliport, Tourist site
Power line: with pylon surveyed; with poles unsurveyed

REFERENCES

ER Eastern Railway. BDO Block Development Office.
NH 75 National Highway No. 75.

NOTES :-

Heights are in metres and above Indian mean sea level.
Contours are approximate.
Relative height, dy, represents the approximate height, in metres, between the top and bottom of a steep slope.
Wells shown dry, in this area usually contain water from July to December.
The common boundaries of most of the forests in this sheet have not been shown for want of reliable information.
The triangulated heights and contours in this sheet have not been adjusted to the heights of the spot-levelled bench-marks and may not be strictly in accordance with them.
The exterior boundaries of area of Reserved or Protected Forests are shown by green strands.

COMPILATION INDEX

A Surveyed during 1977-78. Updated for major details during 2004-05.

Projection – UTM Datum – WGS 84

Magnetic Variation from True North about 1°/4 West in 2009. (Increasing by about 1' annually).

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CONTOUR INTERVAL 20 METRES

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Divisional Forest Officer Garhwa North Division

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Proposed CA Land