निर्यात के लिए नहीं NOT FOR EXPORT

OPEN SERIES MAP

No. E44L2

Scale 1:50,000

E44K13 (65J/13)	E44L1 (65N/1)	E44L5 (65N/5)
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1 Rāyagarha, 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, 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 taluk; 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. Helipad. Tourist site
Power line: with pylons surveyed; with poles unsurveyed

REFERENCE

NH 43 National Highway No. 43.

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 administrative boundaries in this sheet have been surveyed as pointed out by the local officials on the ground but have not been verified by the administrative authorities concerned.
Forest boundaries in this sheet, have been surveyed as pointed out by the local officials on the ground, but have not been verified by the Forest authorities concerned.
The triangulated heights and contours in this sheet have not been adjusted to heights of the spirit-levelled bench-marks and may not be strictly in accordance with them.

COMPILATION INDEX

A. Compiled from 1:25,000 survey 1977-78.
Updated from satellite imagery IRS-P5 of 2009 in 2009-10.

Projection – UTM Datum – WGS 84

Magnetic Variation from True North about 1° 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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Fax : 0674 – 2301418

WEBSITE – www.surveyofindia.gov.in

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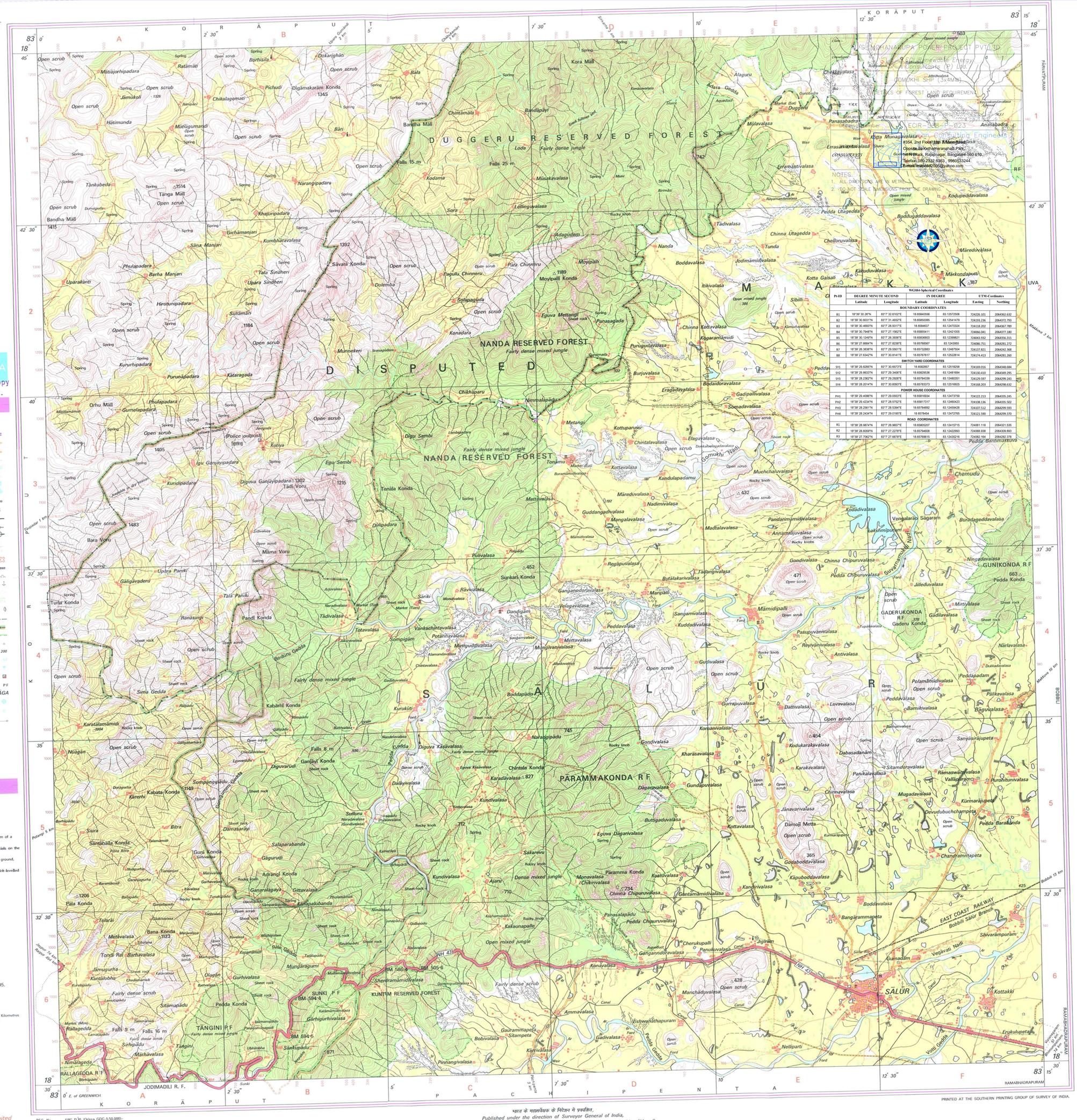

Pt-ID	DEGREE MINUTE SECOND		IN DEGREE		UTM-Cordinates	
	Latitude	Longitude	Latitude	Longitude	Easting	Northing
BOUNDARY COORDINATES						
B1	18°39' 30.28"N	83°7' 32.610"E	18.6584056	83.12572506	724226.101	2064362.632
B2	18°39' 30.6031"N	83°7' 31.4032"E	18.65850085	83.12541479	724193.236	2064372.793
B3	18°39' 30.4693"N	83°7' 28.9317"E	18.6584637	83.12470324	724118.202	2064367.789
B4	18°39' 30.7948"N	83°7' 27.1562"E	18.65855411	83.12421005	724066.041	2064377.180
B5	18°39' 30.1240"N	83°7' 26.3936"E	18.65659803	83.12399621	724043.932	2064356.115
B6	18°39' 27.6684"N	83°7' 27.8238"E	18.65765567	83.1243955	724096.751	2064281.272
B7	18°39' 26.3838"N	83°7' 29.5501"E	18.65732883	83.12487504	724137.821	2064242.368
B8	18°39' 27.6342"N	83°7' 30.8141"E	18.65767617	83.12522614	724174.413	2064281.260
SWITCH YARD COORDINATES						
SY1	18°39' 29.8280"N	83°7' 30.6573"E	18.658289	83.12518258	724169.016	2064348.684
SY2	18°39' 29.8633"N	83°7' 29.3400"E	18.65829536	83.12481684	724130.410	2064349.295
SY3	18°39' 28.2362"N	83°7' 29.2926"E	18.65784339	83.12480351	724129.597	2064299.243
SY4	18°39' 28.2014"N	83°7' 30.6093"E	18.65783373	83.12516925	724168.203	2064298.632
POWER HOUSE COORDINATES						
PH1	18°39' 29.4096"N	83°7' 29.0553"E	18.65816934	83.12473739	724122.213	2064335.245
PH2	18°39' 29.4234"N	83°7' 28.5752"E	18.65817317	83.12460423	724108.136	2064335.502
PH3	18°39' 28.2561"N	83°7' 28.5394"E	18.65784892	83.12459428	724107.512	2064299.593
PH4	18°39' 28.2434"N	83°7' 29.0195"E	18.6578454	83.12472765	724121.590	2064299.370
ROAD COORDINATES						
R1	18°39' 28.9874"N	83°7' 26.9657"E	18.65805207	83.12415715	724061.118	2064321.535
R2	18°39' 28.6059"N	83°7' 27.2278"E	18.65794608	83.12422993	724068.938	2064309.893
R3	18°39' 27.7062"N	83°7' 27.6678"E	18.65769615	83.12435216	724082.164	2064282.378

REG. No. SPG D 10 (Orissa GDC-1:50,000)–

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