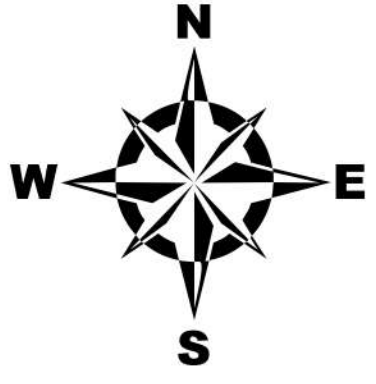


SURVEY SITE ON SOI TOPOSHEET No : 65I/4
NMDC CA AREA AT MACHKOTE
FOREST DIVISION - BASTAR
DISTRICT - BASTAR
CHHATTISGARH





नियमित के लिए नहीं NOT FOR EXPORT

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CONVENTIONAL SYMBOLS

Express highway with toll; with bridge; with drainage stone

Roads, metalled, according to importance

Unmetalled road, Cart track, Foot path, and other paths

Stream, with track in bed, well-defined, Canal

Dam: masonry or rock-filled, earthen, Weir

River, dry with water channel with island & rocks, Tidal river

Submerged rock, Shal, boulder, Bank

Water hole, cistern, Tubewell, Spring, Tarn, pond, dry

Embankment: road or rail, track, Broken ground

Railways, broad gauge, double; single with station; under construction

Railway, other gauge, double; single with station, etc.

Mineral, sea or temporary, etc. Cutting with embankment

Cuttings with sub-features, Rocky slopes, Cliff

Sea features, (Offshore) Islands (permanent), (Seasonal) Shifting

Towns or Villages: Municipal, Reserved, Fort

Hamlets, hamlets, hamlets, hamlets

Temple, Church, Mosque, Light, Tower, Stupa, etc.

Lighthouse, Lightship, Buoy, Light, light, Anchorage

Mine, Wind on masts, Green, Sand

Palace, palace, other, Palace, Convent, Bungalow, Other, etc.

Asylum, asylum, asylum, asylum

Boundary, international

State boundary, undetermined

State boundary, defined in field, forest

Boundary, other, surveyed, defined

Hamlet, (unpopulated), station, point, approximately, etc.

BM 63-3, BM 62-3, etc.

Post office, Telegraph office, Overhead tank

Bus station or bus stop, Bus stop, Bus stop, etc.

Camping ground, Resort, resort, resort, etc.

Spaced names, administrative, locality or tribal

Hospital, Dispensary, Veterinary, Dispensary, Hospital

Airfield, Helipad, Turret site

Power line, with poles, overhead, with poles, underground

REFERENCES

PMO: Public Works Department, Govt of India, New Delhi

NOTES

Height in meters and above mean sea level

Contours are approximate

A solid height, 50, represents the approximate height, in meters, between the top and bottom of a steep slope

Important buildings are shown in black with name

Forest boundaries were surveyed as pointed out by the local Forest officials on the ground, but have not been verified by the concerned Forest authorities

The state boundary between Chhattisgarh and Orissa States has been surveyed as pointed out by the local officials on the ground but has not been verified by the Government concerned

The state boundaries of area of Reserved or Protected Forests are shown by green ribbons

The intergraded heights and spot heights in the sheet, and have been adjusted to the heights of the spirit levelled bench marks and may not be strictly in accordance with them

All contour lines and contour marks are generally indicated in brown

Triangulation stations in the sheet, mostly contain water from July to December

Hand Points in sheet are

COMPILED BY

A. Compiled from 1:25,000 survey 1980-81. Updated for major details during 2005-06

Projection - UTM Datum - WGS 84

Magnetic Variation from True North about 1° West in 2005. (Annual change negligible)

Scale 1:50,000

500 m to 1 cm

2 cm to 1 km

5000 m to 1 cm

2 cm to 1 km

For further details about this map, please contact

Director

Orissa Geo-Spatial Data Centre

Survey of India

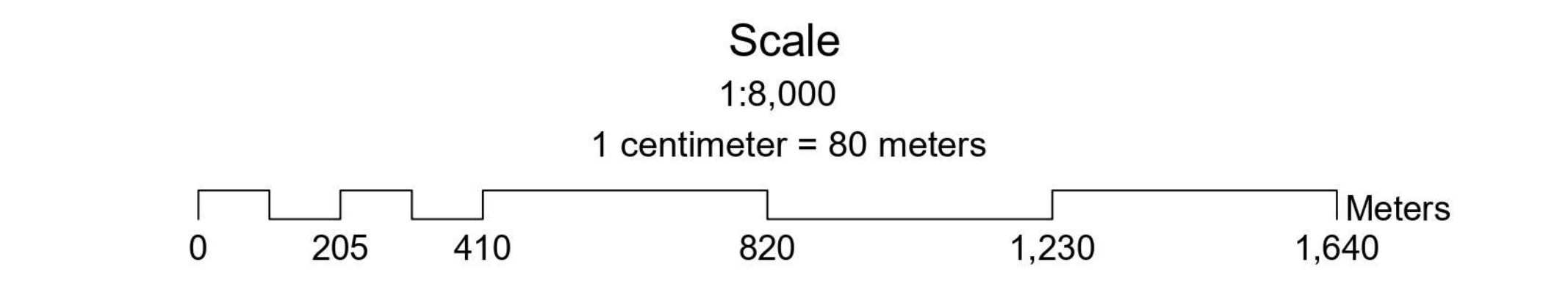
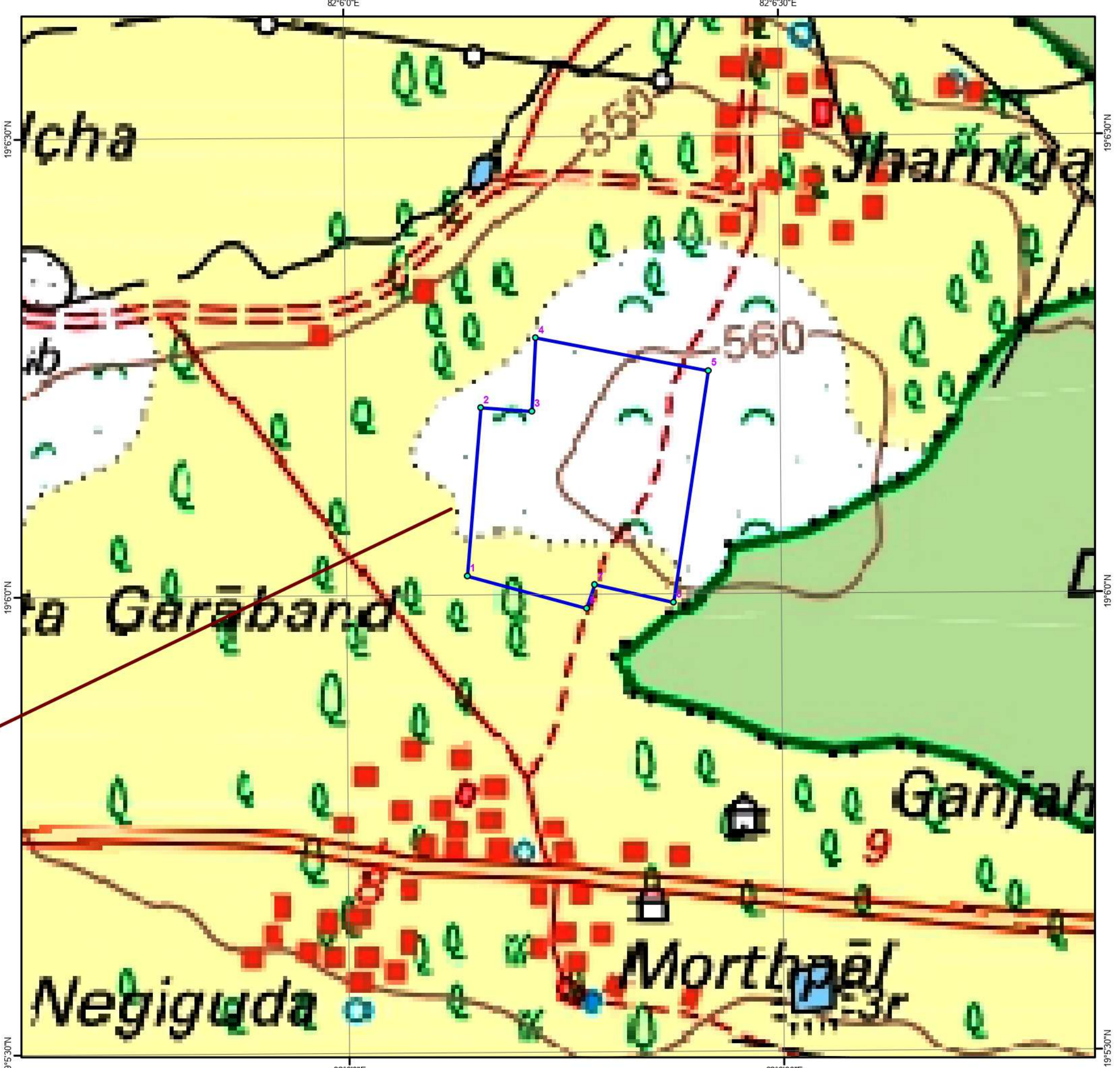
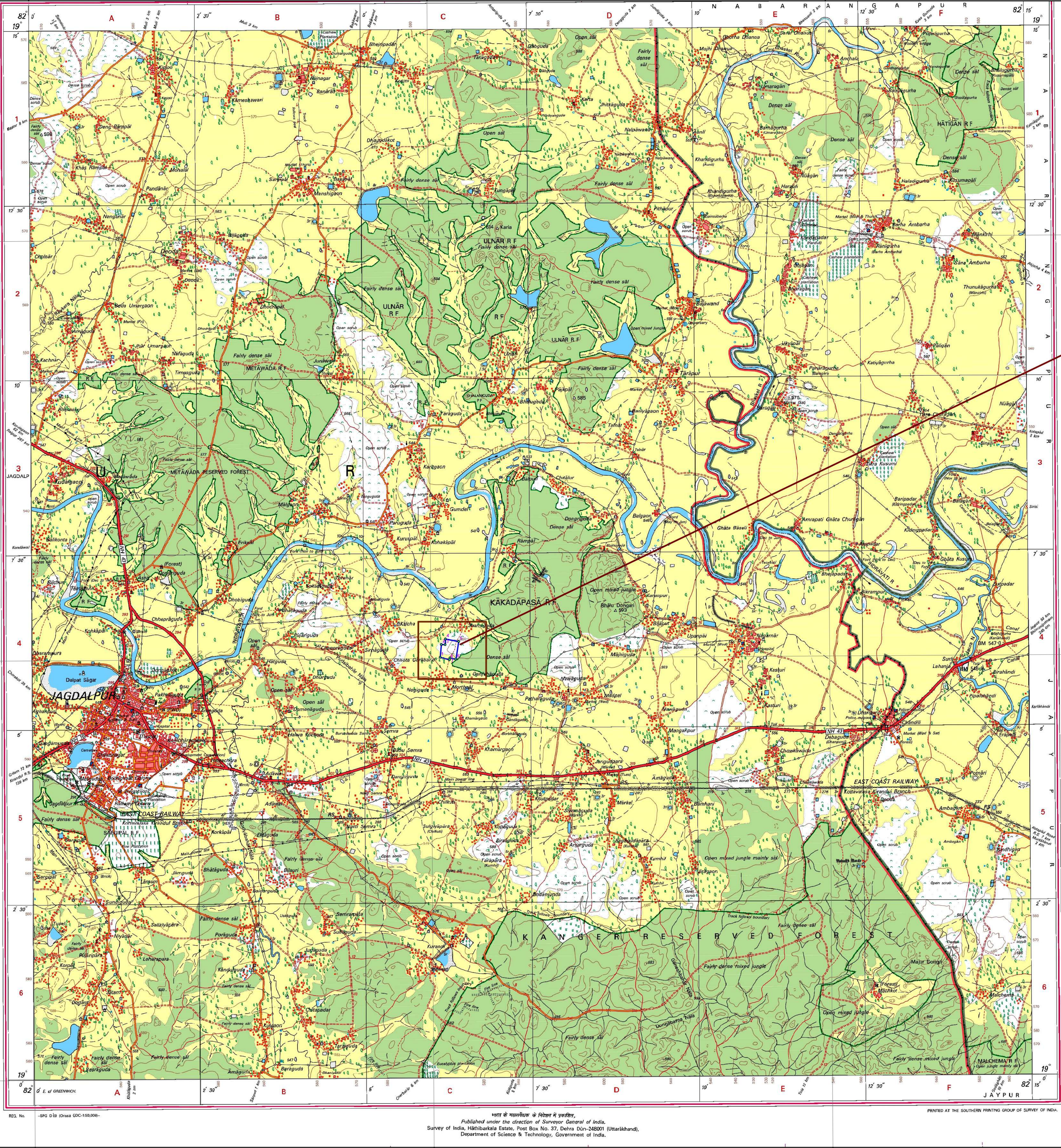
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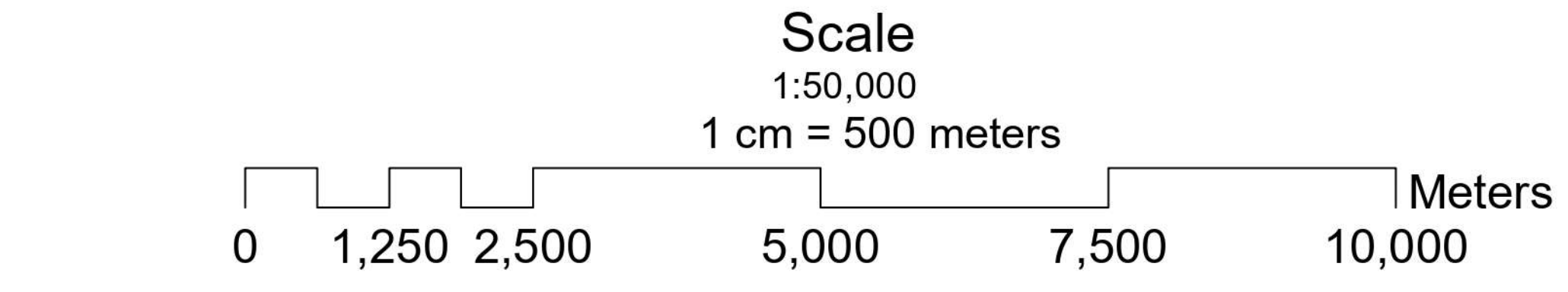
DGPS CO-ORDINATES OF C.A. AREA AT MACHKOTE
PROJECTED CO-ORDINATE SYSTEM, WGS 1984,
UTM ZONE - 44 N

PRIMARY CONTROL POINTS (BASE STATION POINTS)

Point No.	Northing	Easting	Latitude	Longitude	Description
1	2112230.329000	616441.730000	N19° 05' 59.02"	E82° 06' 24.99"	MUNARA 45
2	2112073.115000	616253.808000	N19° 05' 53.95"	E82° 06' 18.53"	MUNARA 44

SURVEYED GROUND CONTROL POINTS

Point No.	Northing	Easting	Latitude	Longitude	Description
1	2112295.412000	615950.338000	N19° 06' 01.24"	E82° 06' 08.19"	CORNER 1
2	2112231.449000	616192.281000	N19° 05' 59.11"	E82° 06' 16.46"	CORNER 2
3	2112279.085000	616208.971000	N19° 06' 00.66"	E82° 06' 17.04"	CORNER 3
4	2112242.444000	616367.330000	N19° 05' 59.43"	E82° 06' 22.45"	CORNER 4
5	2112711.589000	616437.681000	N19° 06' 14.68"	E82° 06' 24.96"	CORNER 5
6	2112776.262000	616089.509000	N19° 06' 16.85"	E82° 06' 13.06"	CORNER 6
7	2112627.495000	616081.669000	N19° 06' 12.02"	E82° 06' 12.76"	CORNER 7
8	2112636.264000	615978.304000	N19° 06' 12.32"	E82° 06' 09.22"	CORNER 8



Geographic Coordinate Systems
WGS 1984
Projected Coordinate Systems
WGS 1984 UTM Zone 44N

Legend

- NMDC CA Area
- NMDC CA Area : 19.936 (In Hectare)

SOI Toposheet Map No. : 65I/4

RGB

- Red: Band_1
- Green: Band_2
- Blue: Band_3

Handwritten signatures and stamps:

- Dalu
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