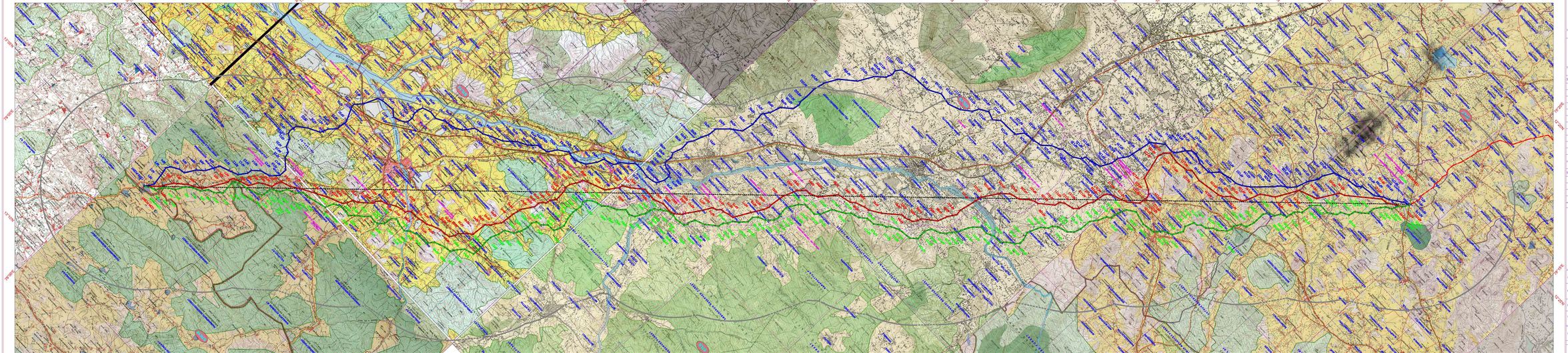


NORTH

NOTES

1. All dimensions are in metre unless specified
2. Spherical grid lines have been drawn at an interval of 5'
3. Field data has been projected in UTM projection (Zone-44)
4. Geographical images have been extensively referenced.
5. Kindly read the map along with toposheet imageries
6. WGS-84 spheroid has been followed as datum

LEGENDS

SL.NO	DESCRIPTION	SYMBOL
1.	BEE LINE	
2.	ROUTE ALTERNATIVE-1	
3.	ROUTE ALTERNATIVE-2	
4.	ROUTE ALTERNATIVE-3	
5.	EXISTING HT. LINE	
6.	RAILWAY TRACK	
7.	NATIONAL HIGHWAY	
8.	STATE HIGHWAY	
9.	ROADS	
10.	LAKE / POND	
11.	SETTLEMENTS	
12.	FOREST AREA	

ROUTE LENGTH

SL.NO	ROUTE NAME	ROUTE LENGTH (KM)
1.	BEE LINE	97.048
2.	ROUTE ALTERNATIVE-1	110.810
3.	ROUTE ALTERNATIVE-2	111.641
4.	ROUTE ALTERNATIVE-3	117.206

KEY PLAN

SCALE: 1:50,000 (1cm = 500m)

PROJECT: PRELIMINARY ROUTE ALIGNMENT SURVEY DETAILED SURVEY OF FOREST DIVERSION DATA FOR 400KV D/C TWIN HTLS TRANSMISSION LINE BETWEEN NPP, KAIGA AND NEW PROPOSED 400/220KV SS AT KAIGA (KAIGA-2 WELLSE) - NEPTUNE (EXISTING KAIGA)

DRAWING: SHOWING THESE ROUTE ALTERNATIVES ON GEO-REFERENCED SURVEY OF INDIA TOPO SHEET (INSERT FOR THE PROPOSED 765KV/+-/400KV D/C TRANSMISSION LINE)

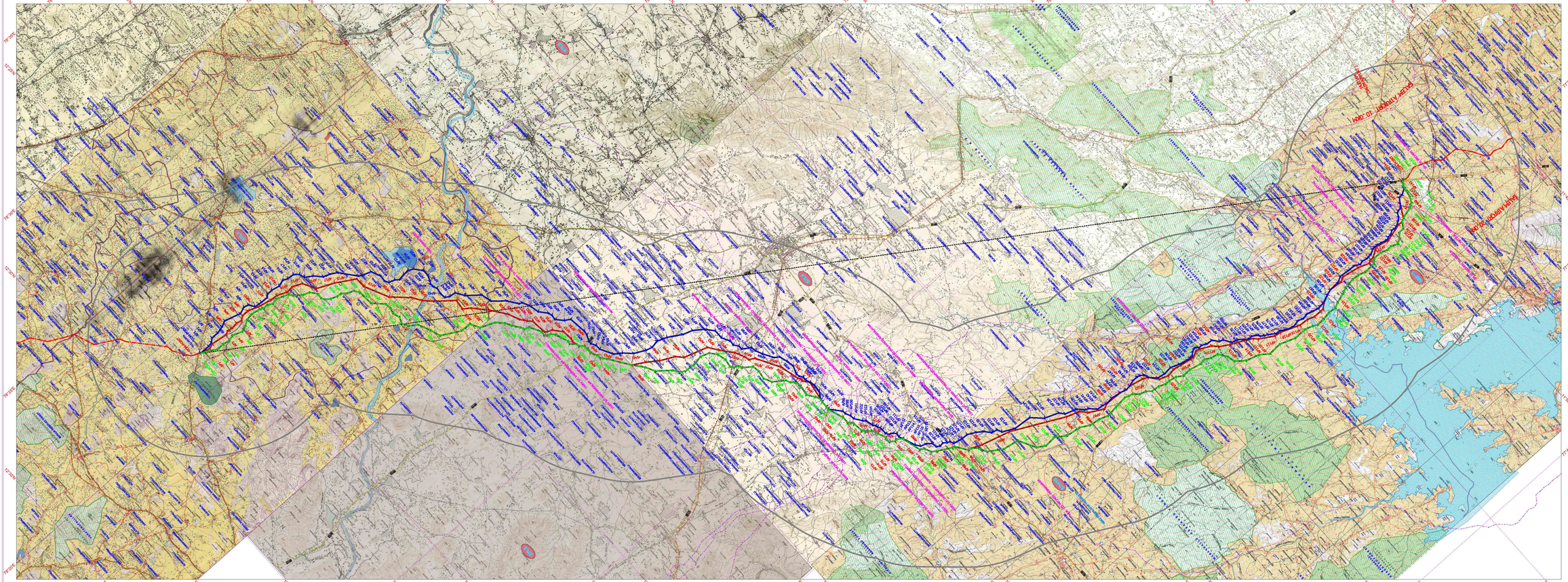
CLIENT: POWER GRID CORPORATION OF INDIA LIMITED (A GOVERNMENT OF INDIA ENTERPRISE)

EMPANELLED BY: NHPC

Hagadorn Survey & Consultants (India) Pvt. Ltd.

Surveyed by	Checked by	Submitted by	Checked by	Verified by	Approved by

Map Datum: WGS-84 | Projection: UTM Zone-44 | CLIENT: POWER GRID CORPORATION LIMITED



NORTH

NOTES

1. All dimensions are in meter unless specified
2. Spherical grid lines have been drawn at an interval of 5'
3. Field data has been projected in UTM projection (Zone 43 & 44)
4. Geographical images have been externally referenced
5. Kindly read the map along with toposheet imageries
6. WGS-84 spheroid has been followed as datum

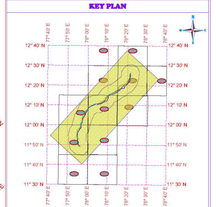
LEGENDS

SL. NO	DESCRIPTION	SYMBOL
1.	BEE LINE	
2.	ROUTE ALTERNATIVE-1	
3.	ROUTE ALTERNATIVE-2	
4.	ROUTE ALTERNATIVE-3	
5.	EXISTING HT. LINE	
6.	RAILWAY TRACK	
7.	NATIONAL HIGHWAY	
8.	STATE HIGHWAY	
9.	MAJOR ROAD	
10.	RIVER	
11.	LAKE / POND	
12.	SETTLEMENTS	
13.	FOREST AREA	

ROUTE LENGTH

SL. NO	ROUTE NAME	ROUTE LENGTH (Km)
1.	BEE LINE	83.250
2.	ROUTE ALTERNATIVE-1	98.083
3.	ROUTE ALTERNATIVE-2	101.609
4.	ROUTE ALTERNATIVE-3	101.578

KEY PLAN



SCALE: 1:50,000 (1cm = 500m)

PROJECT: PRELIMINARY ROUTE ALIGNMENT SURVEY AND DETAILED SURVEY OF FOREST CROSSINGS IN SR-II PORTION OF HVDC BI-POLE LINK BETWEEN WR (RAIGARH) – PUGALUR (TN) TRANSMISSION LINE
MIDDLE PORTION (NAMAKKAL (DISTRICT) – MADURAI (DISTRICT))

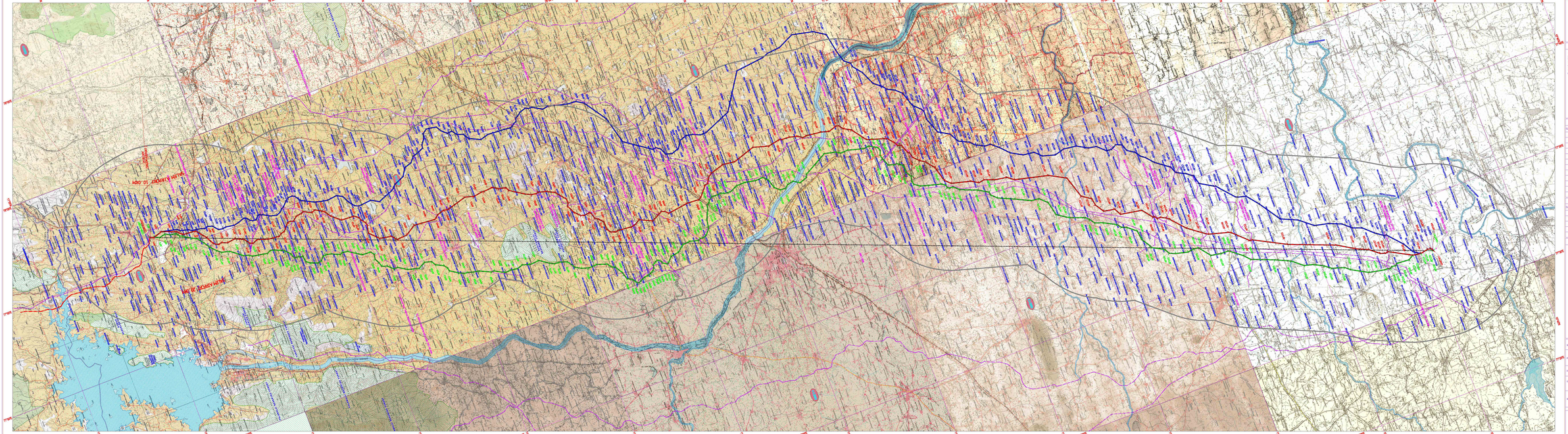
DRAWING: DRAWING SHOWING THE ROUTE ALTERNATIVES ON ENLARGED/REDUCED SCALE OF INDIA TOPO SHEET (INDEX) FOR THE PROPOSED RAIGARH – PUGALUR 800KV HVDC TRANSMISSION LINE

CLIENT: POWER GRID CORPORATION OF INDIA LIMITED (A GOVERNMENT OF INDIA ENTERPRISE)

SURVEYED BY: Megastar Survey & Consultants (India) Pvt. Ltd.
(An ISO 9001:2015 Certified Company)
No.2, Ground Floor, 4th Main Road, Thiruvanmiyur, Chennai-600 041
Tel: +91-44-24412626/24412627

Surveyed by	Checked by	Submitted by	Checked by	verified by	approved by

Mega Star Survey | CLIENT: POWER GRID CORPORATION OF INDIA LIMITED


ROUTE-1
ROUTE-2
ROUTE-3
ROUTE-4
ROUTE-5
ROUTE-6
ROUTE-7
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ROUTE-41