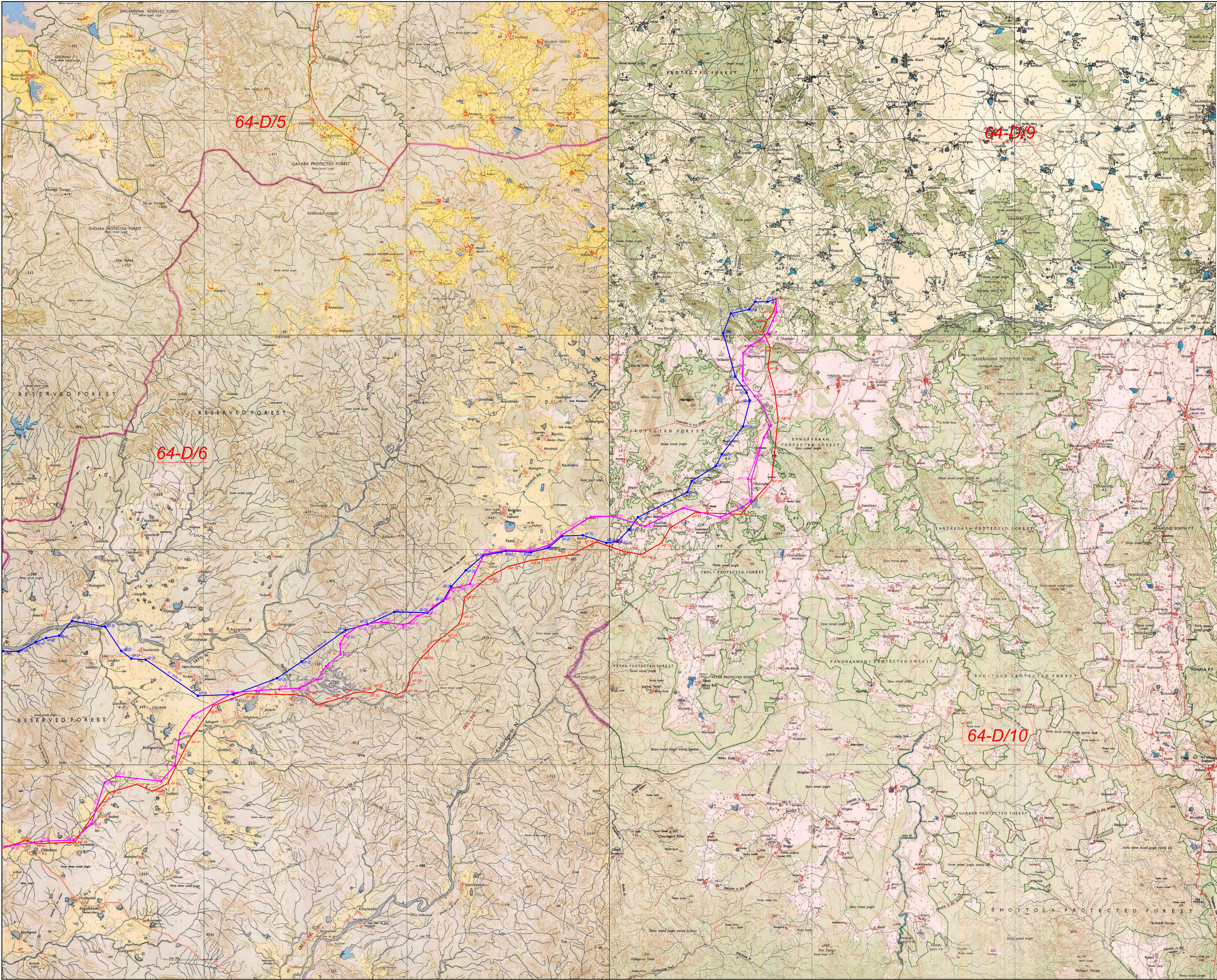




SHEET-NO-01

ROUTE MAP

800KV Raigarh (HVDC Station) - Pugalur (HVDC Station)
HVDC Transmission Line (Maharashtra Portion)

765 KV Transmission Line

PROPOSED SUBSTATION

STATEMENTAL HIGHWAY

TELEPHONE LINE

TELEPHONE EXCHANGE

BKM COVERAGE AREA

EXP TEST LINE

RAILWAY LINE

EXISTING SUBSTATION

BUFFER LINE

CONVENTIONAL SYMBOLS

Express highway, with toll, with bridge, with distance stone

Roads, installed, according to importance

Roads, double carriageway, according to importance

Unimproved road, Cart-track, Push-track with pass, Foot-path

Stream, with track in bed, unimproved, Canal

Dam, masonry or rock-filled, earthenwork, Weir

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

Submerged rocks, Shoal, Swamp, Bay, Tanka, perennial, dry

Wells, lined, unlined, Tank, well, Spring, Tanka, perennial, dry

Embankments, road or rail, tank, Broken ground

Railways, broad gauge, double, single with distance stone, do

Railways, other gauges, double, single with distance stone, do

Mineral line or tramway, KWh, Cutting with tunnel

Cuttings with sub-structure, Road, bridge, Cattle

Sand features (Yam, Dhand, Nidhi, Nidhi, Nidhi, Nidhi)

Towns or Villages, inhabited, elevated, Fort

Huts, permanent, temporary, Tower, Antiquities

Temple, Church, Mosque, High, Tomb, Graves

Lighthouse, Lightship, Steep, Signal, unlighted, Antiquities

View, View on hills, Grass, Scrub

Palms, papyrus, other, Parasol, Conifer, Bamboo, Other trees

Areas, cultivated, wooded, Surveyed tree

Boundary, International

State, demarcated, undemarcated

district, subdivision, land or 1000, forest

Boundary pillars, surveyed, uncoloured

Height, triangulated station, point, approximate

benchmark, geodetic, tertiary, canal

Post office, Telegraph office, Chief post, Police station

Rail station or inspection, long-distance, Chief house, Police station

Camping ground, Forest, reserved, protected

Spaced names, administrative, locality or tribal

Hospital, Dispensary, Veterinary, Hospital / Dispensary

Airports, Helipad, Tourist site

Power line, with pylons surveyed, with poles unsurveyed

Sl. No.	DESCRIPTION	ROUTE	Length (km)
1	BEE LINE	---	171.532km
2	FINAL ROUTE- R1	---	209.787km
3	Alt. Route- R2	---	211.173km
4	Alt. Route- R3	---	225.751km
5	EXST. EHV Transmission lines	---	
6	PROPOSED RLY. LINE	---	

Arun Kumar / अरुण कुमार
CGM
Powergrid
Bramhapuri
महाराष्ट्र

SUBMITTED BY / DATE
TATA Projects Ltd.

CHECKED BY / DATE
PGCIL

RECOMMENDED BY / DATE
PGCIL

APPROVED BY / DATE
PGCIL

TITLE
ROUTE ALIGNMENT MAP WITH THREE ALTERNATIVE ROUTES

OWNER
 POWER GRID CORPORATION OF INDIA LIMITED

PROJECT
800KV HVDC RAIGARH - PUGALUR TRANSMISSION LINE (PART - III)
(Maharashtra Portion)

EXECUTING AGENCY
 TATA PROJECTS LIMITED

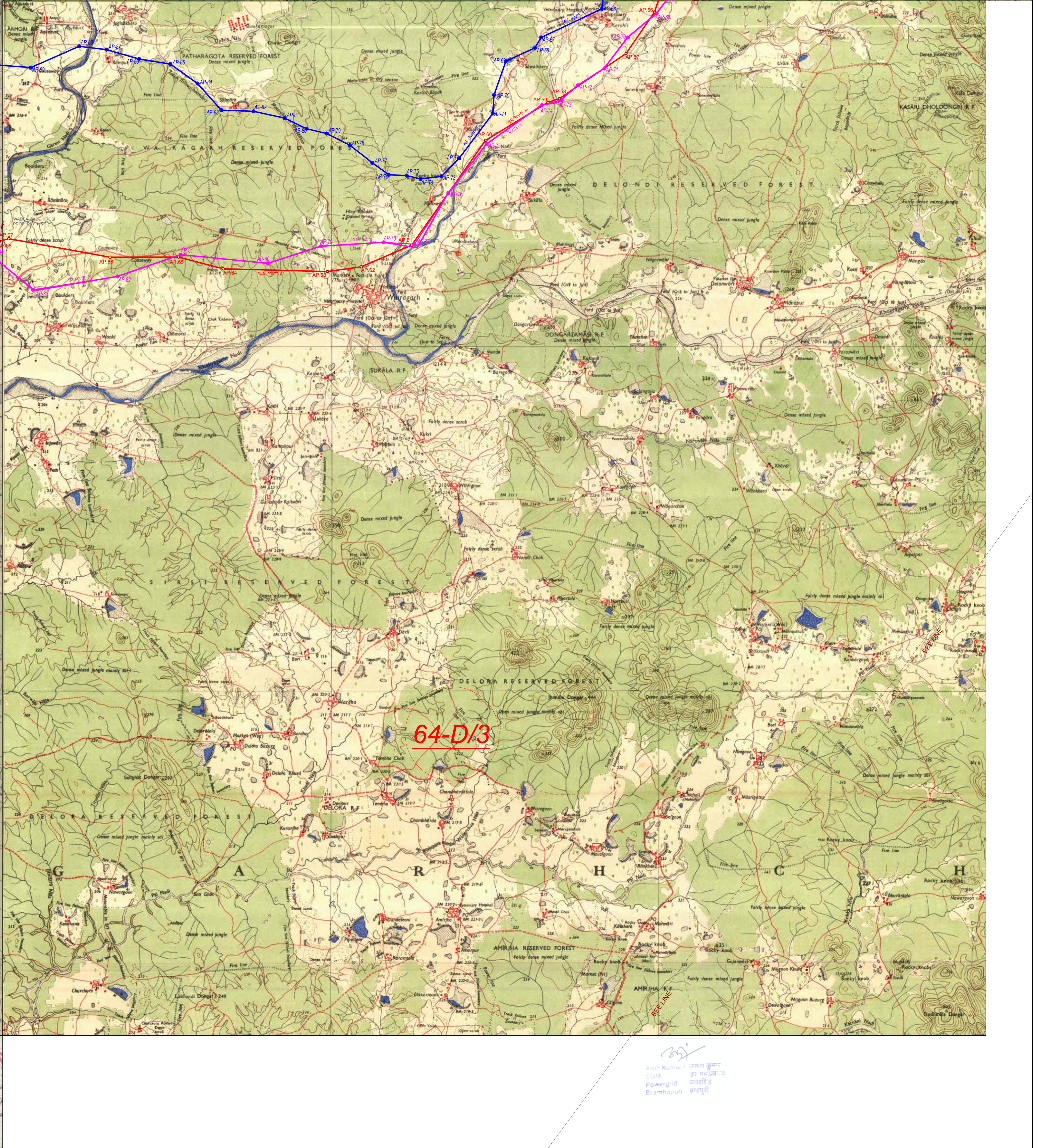
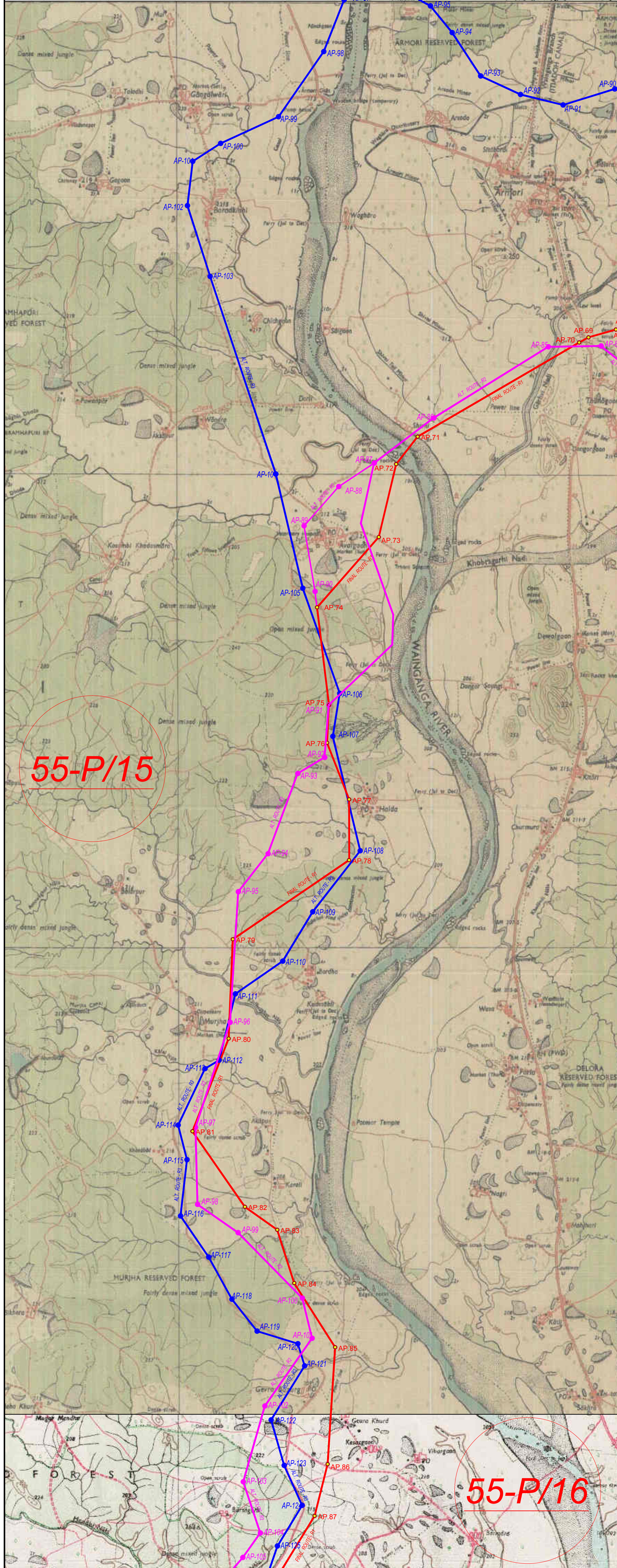
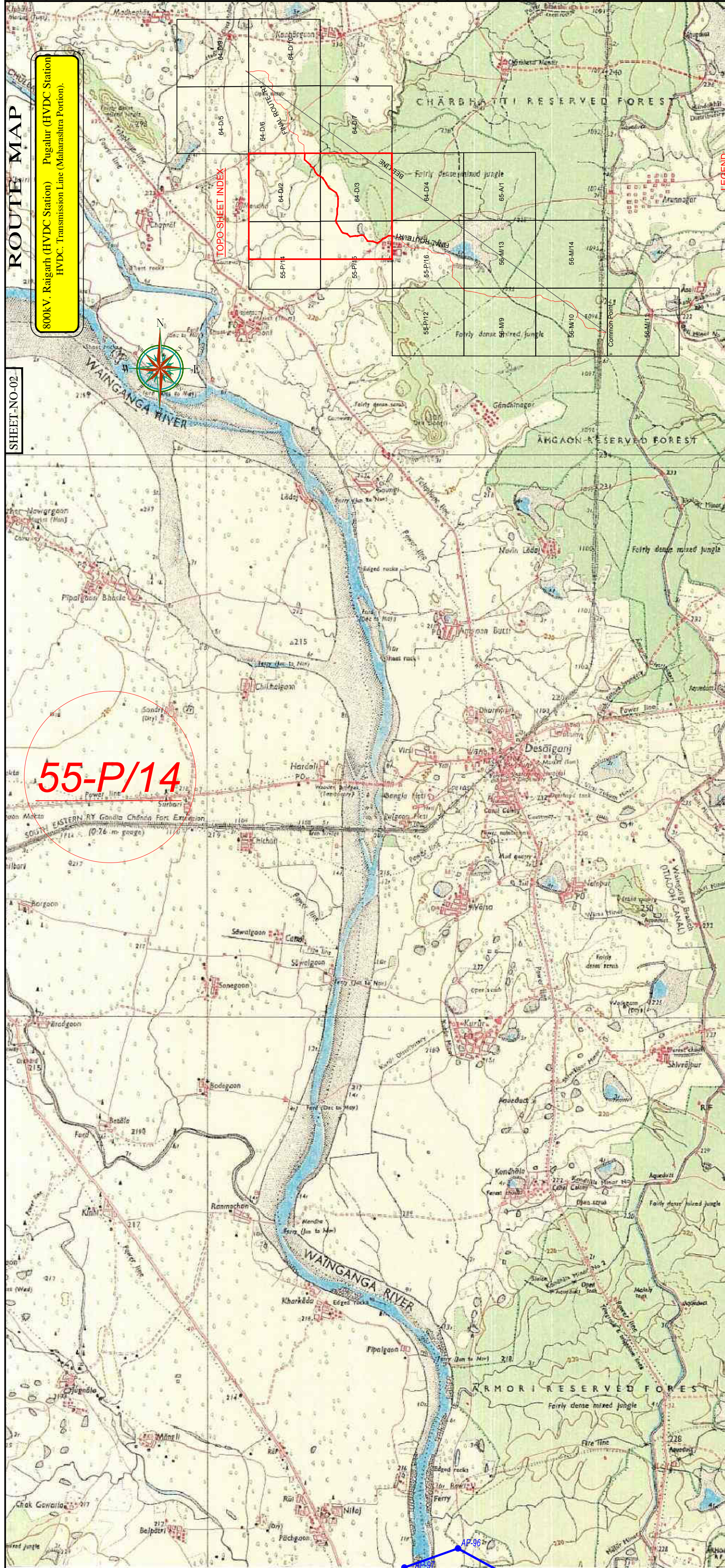
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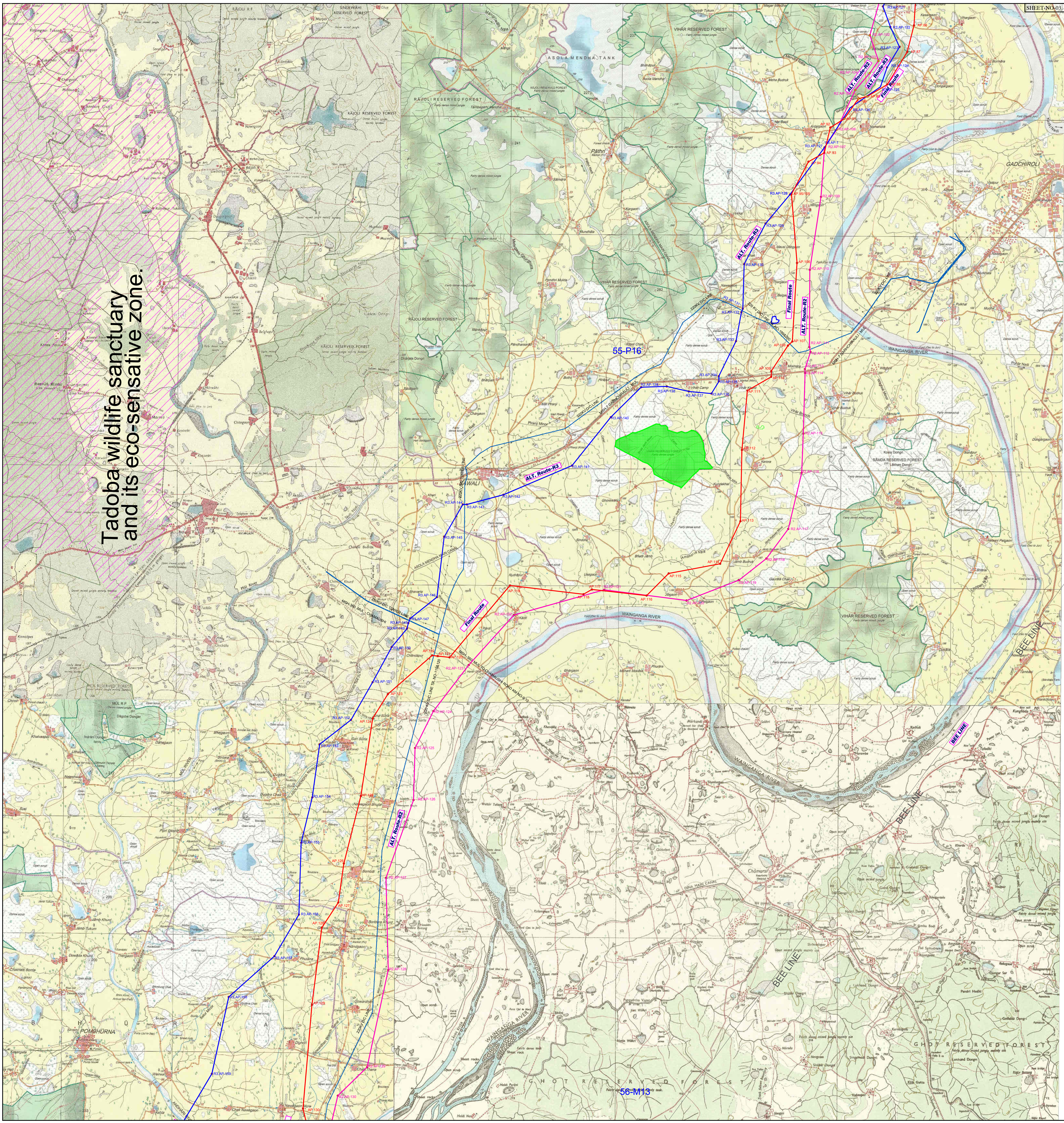
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Tadoba wildlife sanctuary and its eco-sensitive zone.

ROUTE MAP

800KV HVDC Raigarh (HVDC Station) - Pugalur (HVDC Station)
HVDC - Transmission Line (Maharashtra Portion)

LEGEND

765 KV Transmission Line

PROPOSED SUBSTATION

STATE NATIONAL HIGHWAY

TELEPHONE LINE

TELEPHONE EXCHANGE

800 KV COVERAGE AREA

ER TEST LINE

RAILWAY LINE

EXISTING SUBSTATION

BUFFER LINE



Sl. No.	DESCRIPTION	ROUTE	Length(km)
1	BEE LINE		171.532km
2	FINAL ROUTE - R1		209.787km
3	Alt. Route - R2		211.175km
4	Alt. Route - R3		225.751km
5	EXIST. HV Transmission lines		
6	PROPOSED RLY. LINE		

CONVENTIONAL SYMBOLS

Express highway, with toll, with bridge, with distance stone

Roads, metalled, according to importance

Roads, double, according to importance

Unmetalled road, Cart-track, Foot-track with gate, Foot-path

Stream, with track in bed, underdrain, Canal

Dam, masonry or rock-fill, with lock, Weir

River, dry or with channel, with island & rocks, Total river

Salt-water, brackish, Saline, Brackish, Saline

Wells, hand, windmill, Tube-well, Spring, Tanka, percolated, dry

Embankment, road or rail, tank, Broken ground

Railways, broad gauge, double, single with station, under canopy

Railways, other gauges, double, single with distance stone, do.

Metalled track, temporary, do. Casing with tunnel

Contours with sub-features, Rocky slopes, Cliffs

Sand features (Wind-blown hills, dunes, etc.) (Shaded)

Towers or Villages, inhabited, deserted, Fort

Hills, prominent, temporary, Trench, Ridge, etc.

Temples, Churches, Mosques, Temples, etc.

Lighthouses, Lightships, Buoys, lighted, unlighted, Anchorage

Mine, View on traffic, Green, Scrub

Pavilion, platform, other, Platform, Corridor, Bamboo, Other trees

Artes, cultivated, wooded, Damaged trees

Boundary, International

State, demarcated, undemarcated

Electric, substation, tall or black, forest

Secondary station, temporary, etc.

Height, triangulated, station, point, approximate

Barometrical, gauged, battery, canal

Post office, Telegraph office, Overhead tank

Rail house or inspection building, Circuit house, Police station

Camping ground, Forest, reserved, protected

Spinal names, administrative, locality or tribal

Hospital, Dispensary, Veterinary, Hospital / Dispensary

Airplane, Helicopter, Tourist site

Power line, with poles surveyed, with poles unsurveyed

CHIEF ENGINEER
DGM
Powergrid
Bramhapuri

POWER GRID CORPORATION OF INDIA LIMITED

PROJECT
800KV HVDC RAIGARH-PUGALUR TRANSMISSION LINE (PART - II)
(Maharashtra Portion)

EXECUTING AGENCY
TATA

SCALE
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TITLE
ROUTE ALIGNMENT MAP WITH THREE ALTERNATIVE ROUTES

OWNER
POWER GRID CORPORATION OF INDIA LIMITED

PROJECT
800KV HVDC RAIGARH-PUGALUR TRANSMISSION LINE (PART - II)
(Maharashtra Portion)

EXECUTING AGENCY
TATA

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03 of 04

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SUBMITTED BY / DATE
TATA Projects Ltd.

RECOMMENDED BY / DATE
PGCIL

APPROVED BY / DATE
PGCIL

