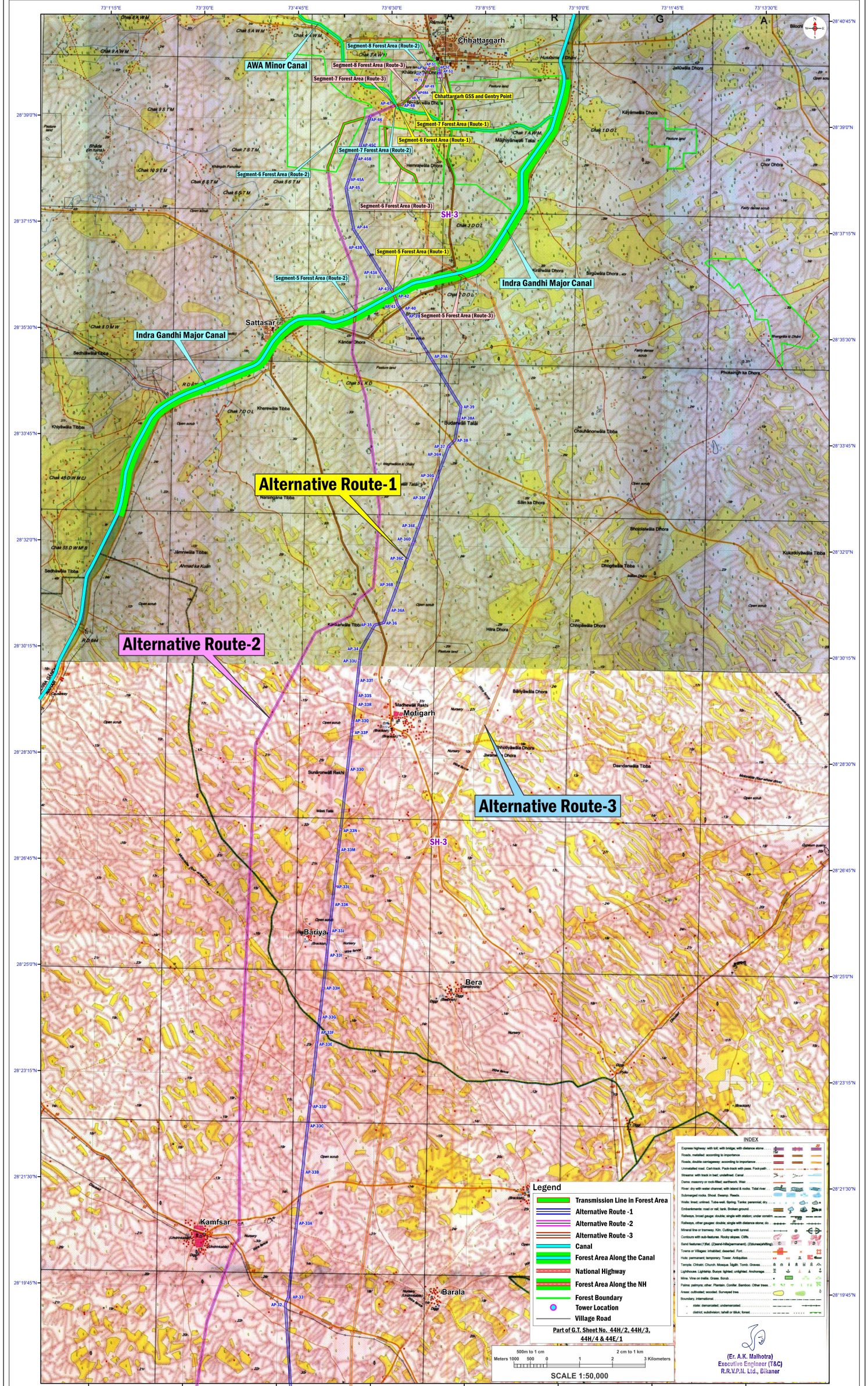


MAP SHOWING GEO REFERENCED SOI TOPOSHEET MAP OF ALTERNATIVE ROUTE ALIGNMENT
Project Name :- Construction of 220 KV D/C Gajner - Chhattargarh Transmission Line, District - Bikaner, Rajasthan
Proposal No. : FP/R/J/TR ANS/37354/2018 (Applied Area - 8.8422 Hectare)

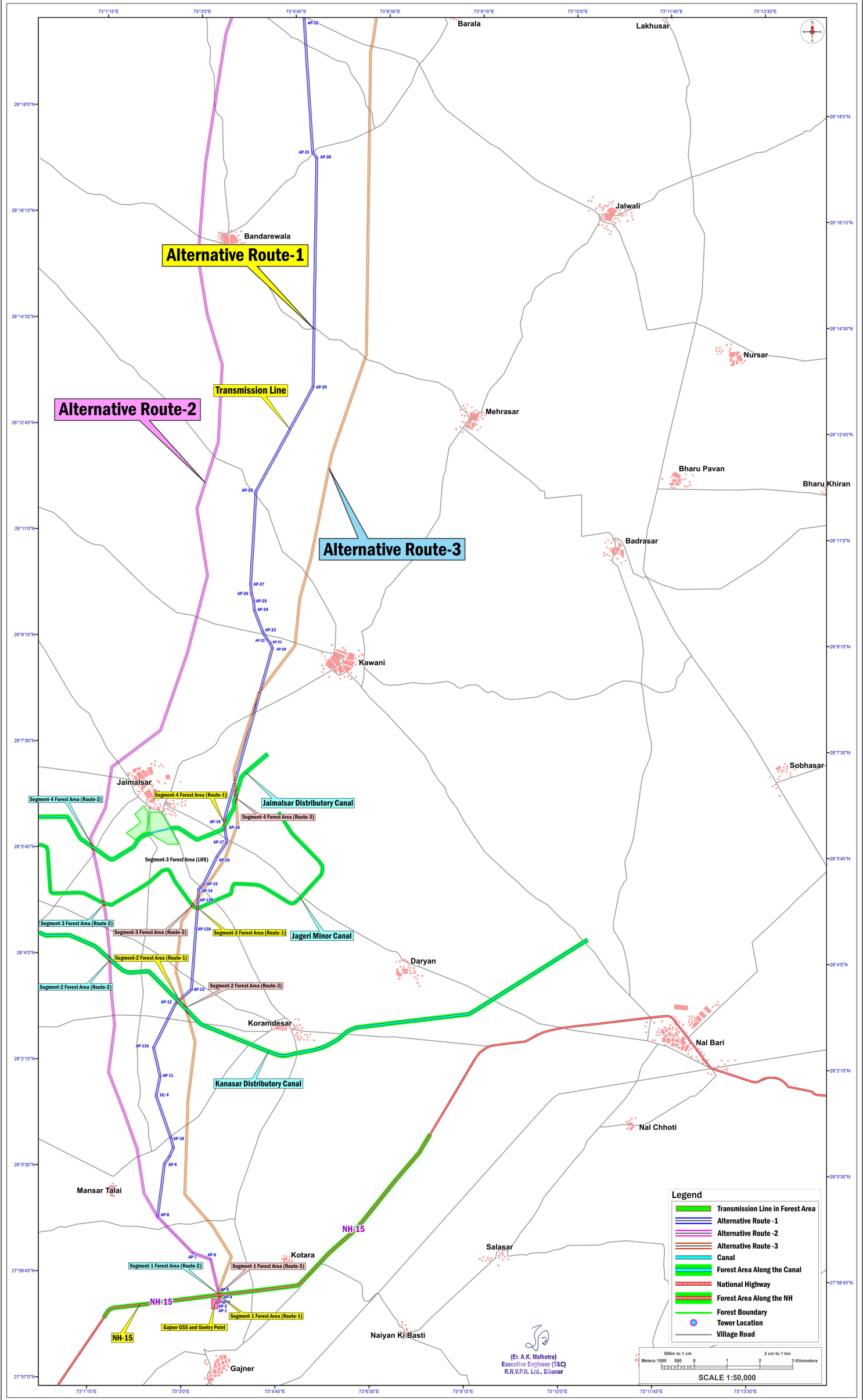


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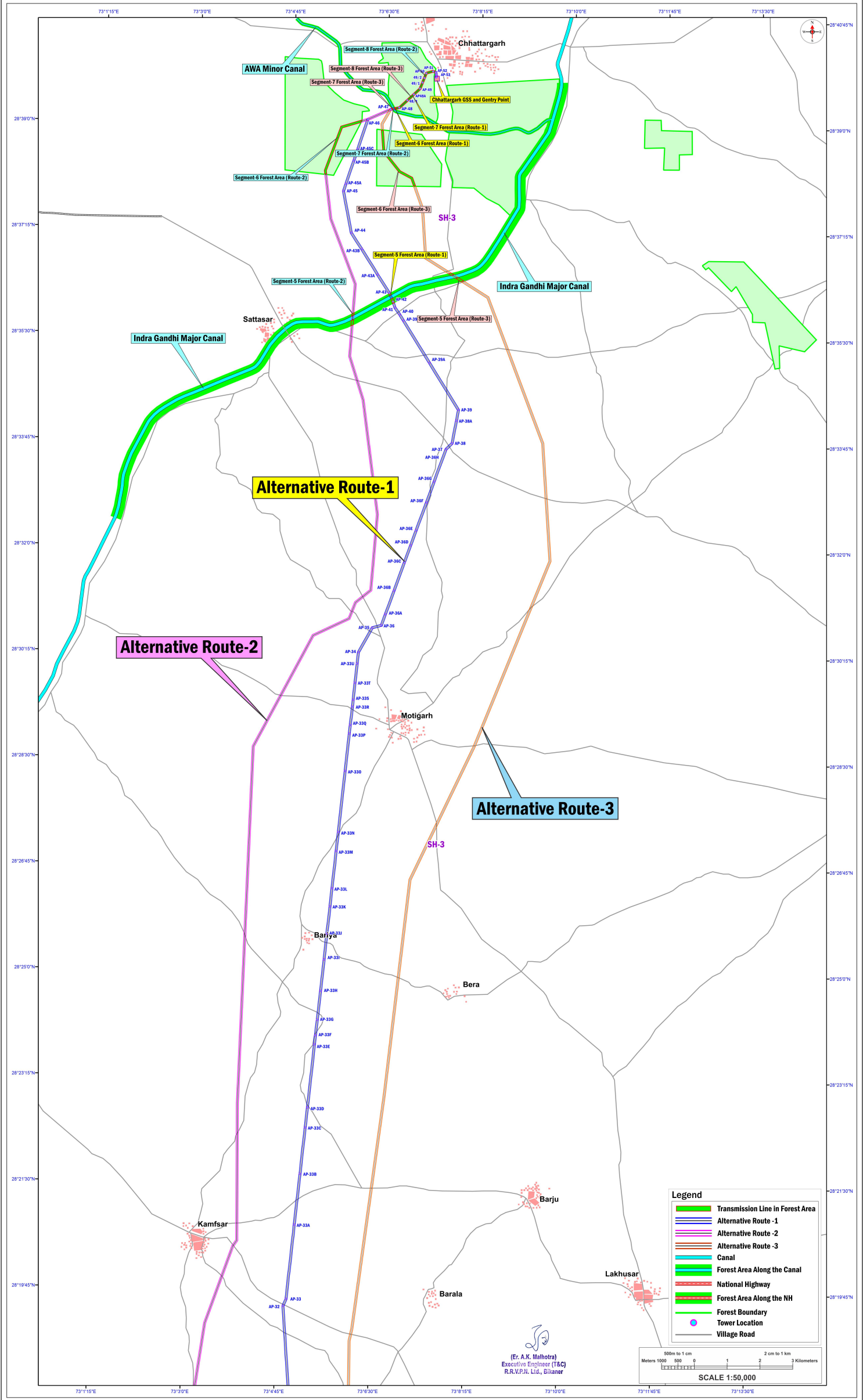
Express Highway, with toll, with bridge, with distance alone	
Roads, metalled, according to importance	
Roads, double carriageway, according to importance	
Unmetalled road, Cart track, Path track with pass, Foot path	
Stream, with track in bed, underlined Canal	
Drains, masonry or rock faced, earthen, tile	
River, dry with water channel, with sand & silt, Tidal river	
Submerged rocks, Shoal, Swamp, Reeds	
Village, town, unlined, Tube well, Boring, Tanka, perennial dry	
Electricity line, overhead, with pole, with transformer	
Railways, broad gauge, double, single with station, under station	
Railways, other gauges, double, single with distance alone, do	
Mineral line or tramway, R.R. Colling with tunnel	
Contours with spot heights, Rocky slopes, Cuts	
Bound features (Hill, Clamber, Ridge, etc.) (Shaded relief)	
Towns or Villages, inhabited, deserted, Fort	
Hill, permanent, temporary, Tower, Antenna	
Tank, Chhat, Chhat, Tank, Tanka, Tanka, Tanka	
Lighthouse, Lightship, Buoys, light, light, light, light	
Mine, Vise on trails, Dams, Dams	
Prison, post, office, Prison, Centre, Border, Other trees	
Arrows, cultural, wooded, Shaded line	
Boundary, international	
State, demarcated, undemarcated	
State, subdivision, tribal or tribal, forest	

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R.R.V.P.N. Ltd., Bikaner

MAP SHOWING DIGITAL MAP OF ALTERNATIVE ROUTE ALIGNMENT
Project Name :- Construction of 220 KV D/C Gajner - Chhattargarh Transmission Line, District - Bikaner, Rajasthan
Proposal No. : FP/R J/TR ANS/37354/2018 (Applied Area - 8.8422 Hectare)



MAP SHOWING DIGITAL MAP OF ALTERNATIVE ROUTE ALIGNMENT
Project Name :- Construction of 220 KV D/C Gajner - Chhattargarh Transmission Line, District - Bikaner, Rajasthan
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COMPARATIVE STATEMENT OF ALTERNATIVE ROUTE			
Project Name :-Construction of 220KV D/C GAJNER - CHHATTARGARH Transmission Line, District - Bikaner, Rajasthan Proposal No. : FP/R J/TR ANS/37354/2018 (Applied Area - 8.8422 Hectare)			
Description	Route 1 (Proposed)	Route-2	Route-3
Bee Line Length (km.)	76.94	76.94	76.94
Line Length (Km.)	82.72	83.319	82.49
No. Of angle points	53	53	42
Type of Land	Stony Area	Stony Area	Stony Area
Nos. of N.H Crossing	1	1	1
Nos. of Power line crossing	Nil	Nil	Nil
Nos. of Railway Line Crossing	Nil	Nil	Nil
Nos. of River/Canal Crossing	5	5	5
Line Length involved in forest Area (km)	2526.34	4796.886	4952.057
Forest area required to be diverted (Hact.)	8.8422	16.7891	17.3322
From the above comparative statement , Alternative Route – I is the Most Suitable due to less Involvement of Forest land comparative to Alternative – II & III as well as Minimum Project cost comparative to Alternative – II & III, Hence. The Route 1 is best suitable route for 220KV D/C GAJNER - CHHATTARGARH Transmission Line, District - Bikaner, Rajasthan.			



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