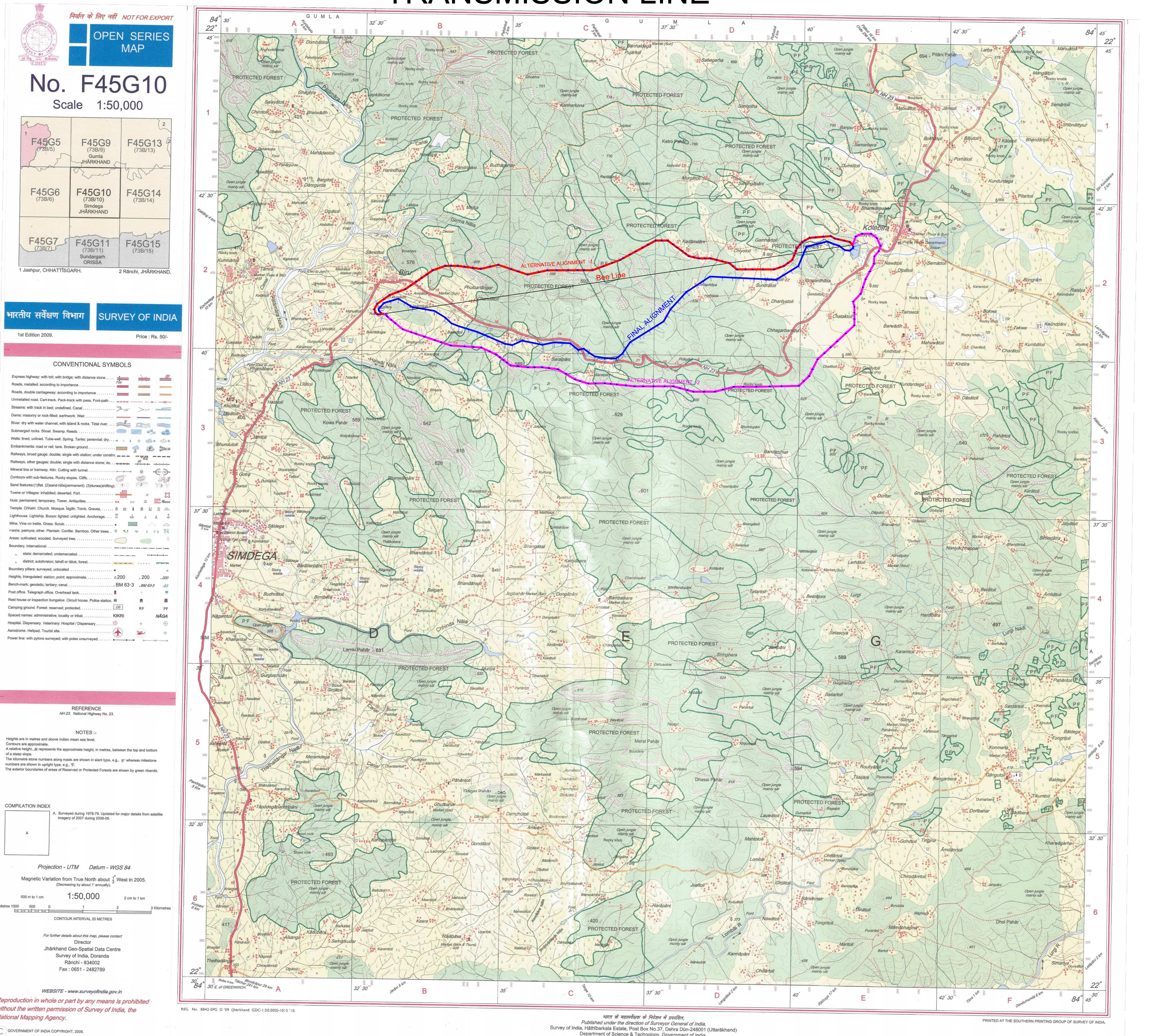


TOPO LOCATION MAP SHOWING TWO ALTERNATIVE WITH FINAL ALIGNMENT OF 132 KV D/C KOLEBIRA - SIMDEGA TRANSMISSION LINE



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Rajen Rayan
Dy. General Manager (Project)
Transmission Circle, Ranchi
Jharkhand Urja Sancharan Nigam Ltd.

PROJECT	TOPO LOCATION MAP SHOWING TWO ALTERNATIVE WITH FINAL ALIGNMENT OF 132 KV D/C KOLEBIRA-SIMDEGA TRANSMISSION LINE		
PREPARED BY	M/S NAMAN ENTERPRISES		
PREPARED FOR	JHARKHAND URJA SANCHARAN NIGAM LIMITED		
EXECUTING AGENCY	R.S. INFRAPROJECTS PVT. LTD. B-133, Sector-2, Noida, U.P.		
DRAWING NO.	DC/NIT-L/12-28-21	REV.	00

JHARKHAND URJA SANCHARAN NIGAM LIMITED				
132 KV D/C KOLEBIRA - SIMDEGA TRANSMISSION LINE				
THREE ALTERNATIVE ROUTE EXAMINATION				
SL NO.	DISCRIPTION / ROUTE PARTICULARS	ROUTE-I (FINAL)	ROUTE-II(ALTERNATIVE)	ROUTE-III(ALTERNATIVE)
1	a) Colour	Blue	Red	Magenta
	b) Bee Line	13.910 Km.	13.910 Km.	13.910 Km.
	c) Length	16.42 Km.	16.81 Km.	18.93Km.
	d) Angle Points /Tower Locations	64	78	77
2	Environmental impact	N/A	N/A	N/A
	Houses wighin ROW	No Houses within ROW corricor	No Houses within ROW corricor	No Houses within ROW corricor
	No. of Trees in ROW	8835	10506	12860
	Area of Forest Land	22.6036	26.8701	32.8942
3	Details of Crossing			
	No. of Railway Crossing	Nil	Nil	Nil
	HT Line (132 kV/220 KV/400KV/765KV) Crossing	1	2	1
	National/State Highway Crossings	1	1	1
	River Crossing	Nil	Nil	Nil
4	Recommendations	This alternative (Route-1 Final) has minimum Route length though having the minimum no. of angle points, it has been found most suitable as it is having a well connected road network for construction and maintenance of the T/L with less forest length and area also minimum no. of trees in Line corridor area compared to other two alternatives Henc considered most feasible and economical.		



Dy. General Manager (Project)

Transmission Circle, Ranchi

Jharkhand Urja Sancharan Nigam Ltd.