

Name of the Project: Diversion of 2.354 Ha of Forest land for the construction of Rising Main in Sy. No.59 of Adaganti Sy. No. 91,126, 127 of Varaha and Sy.No 291 of Nagavandha villages in Shivamogga and Haveri Districts to fill MI/ZP tanks by lifting 1.5 TMC of water from Tungabhadra River under Udugani, Talugunda and Hosuru Tank Filling Project.

Analysis of Alternatives considered

Consequent to several studies and evaluating merits and demerits, it was finally decided to consider the proposed alignment with minimum diversion of forest land (2.354 Ha.). The details of the alternatives considered for the project is as given below.

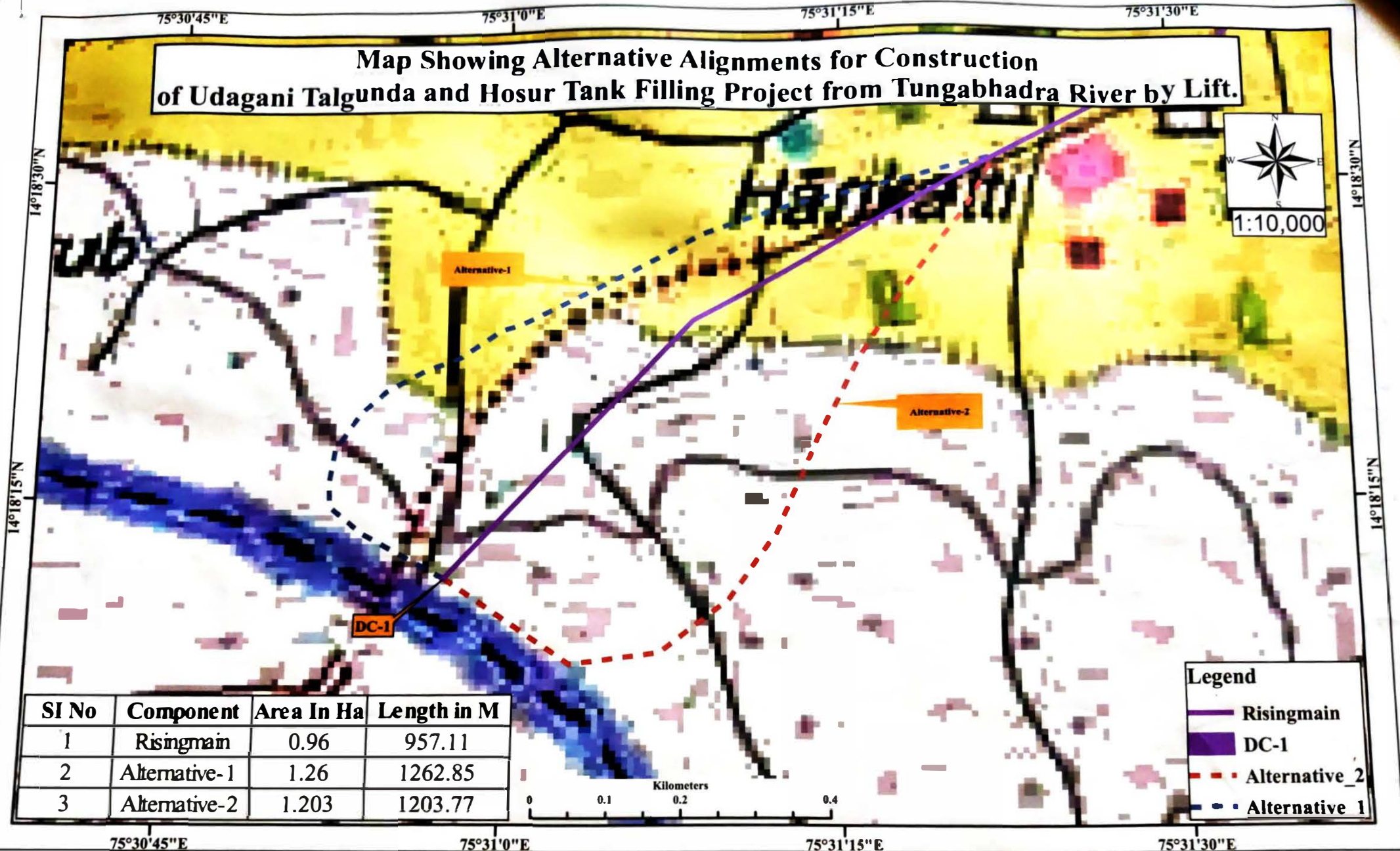
Sl.No	Alignment	Near Varaha Village	Near Nagavandha Village	Traverse in
		Forest Land Required (Ha.)	Forest Land Required (Ha.)	
1	Proposed Alignment	0.86	1.49	Reserve Forest
2	Alternative - 1	1.26	2.86	Reserve Forest & Varahu Village
3	Alternative - 2	1.203	1.89	Reserve Forest

Two other alternative alignments have been examined. Detailed studies showed that Alternative-1 & Alternative-2 requires more Forest area compared to proposed alignment and Alternative-1 alignments bear additional cost for R&R, since the alignment traverses on Varahu village and Alternative-2 economically not feasible because needs additional structures like aqueduct and Tunnel and requires more forest area compare to proposed alignment and alternative 1. Therefore, the proposed alignment is considered to be the most techno-economically feasible and the area proposed for diversion is unavoidable and barest minimum.

Your's faithfully,


Executive Engineer,
KNNL, DRP Division,
Shikaripura.

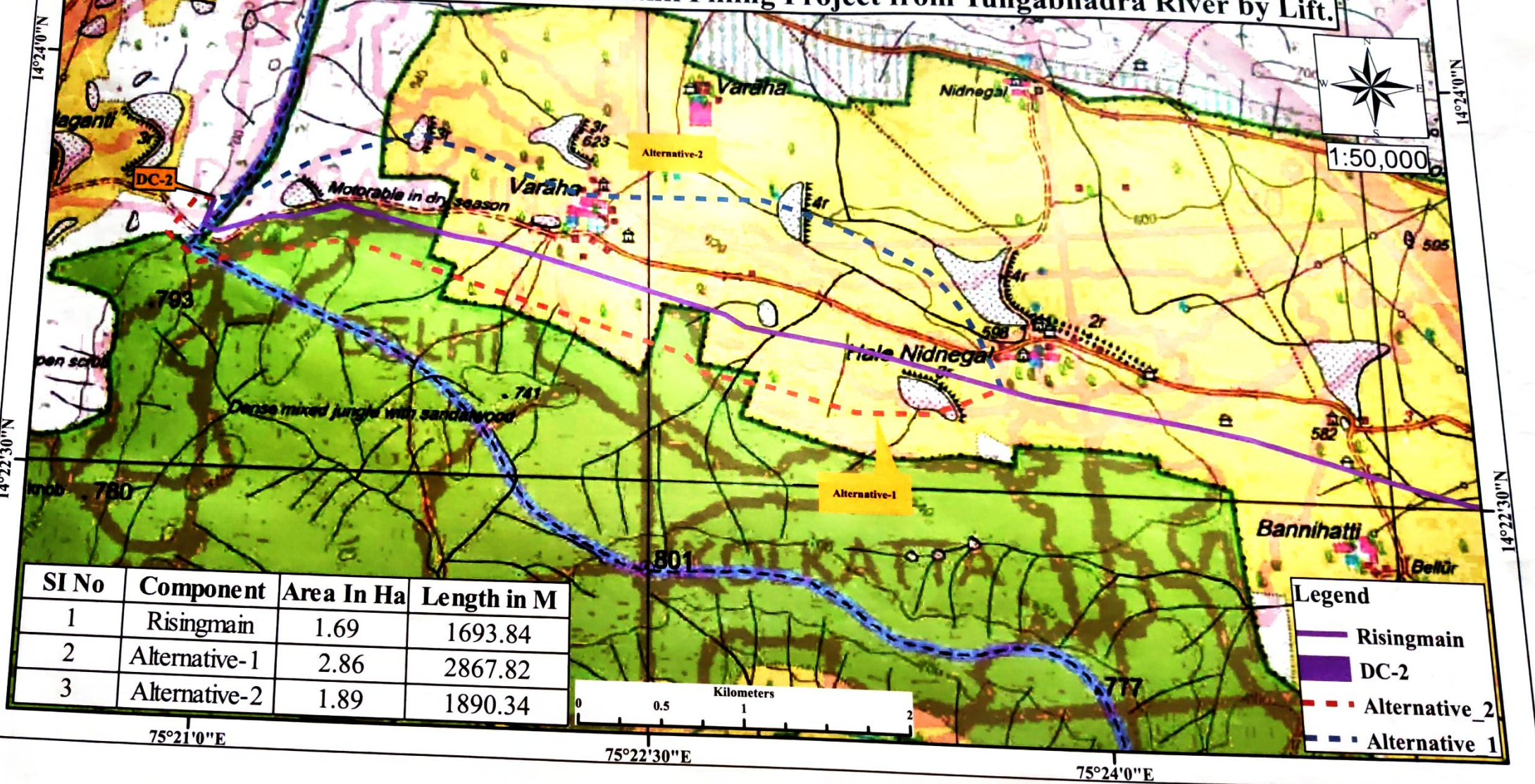
Map Showing Alternative Alignments for Construction of Udagani Talgunda and Hosur Tank Filling Project from Tungabhadra River by Lift.



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