


## BADNAWAR MICRO LIFT IRRIGATION SCHEME

### ALTERNATIVE ROUTE EXAMINATION IN FOREST AREA

	TOTAL LENGTH MTR	LENGTH IN FOREST MTR	
ALTERNATIVE 1	23704	13597	SELECTED
ALTERNATIVE 2	24311	17077	
ALTERNATIVE 3	26216	14880	

Alternative-1 is found to be **more suitable** option because of the following reasons

- In alternatives 2 & 3 the forest length is more than the alternative 1.
- In alternative 2 & 3 total length of the rising main is much more than the alternative-1 adding up to extra cost.
- In alternatives 2 & 3 at many places the permanent structures are coming very near to the alignment and it is very difficult to avoid them without further increasing the length of the rising main.
- And in alternative 2 & 3 there are many hillocks as it is crossing forest at many places and it is very difficult to route the pipeline.

  
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