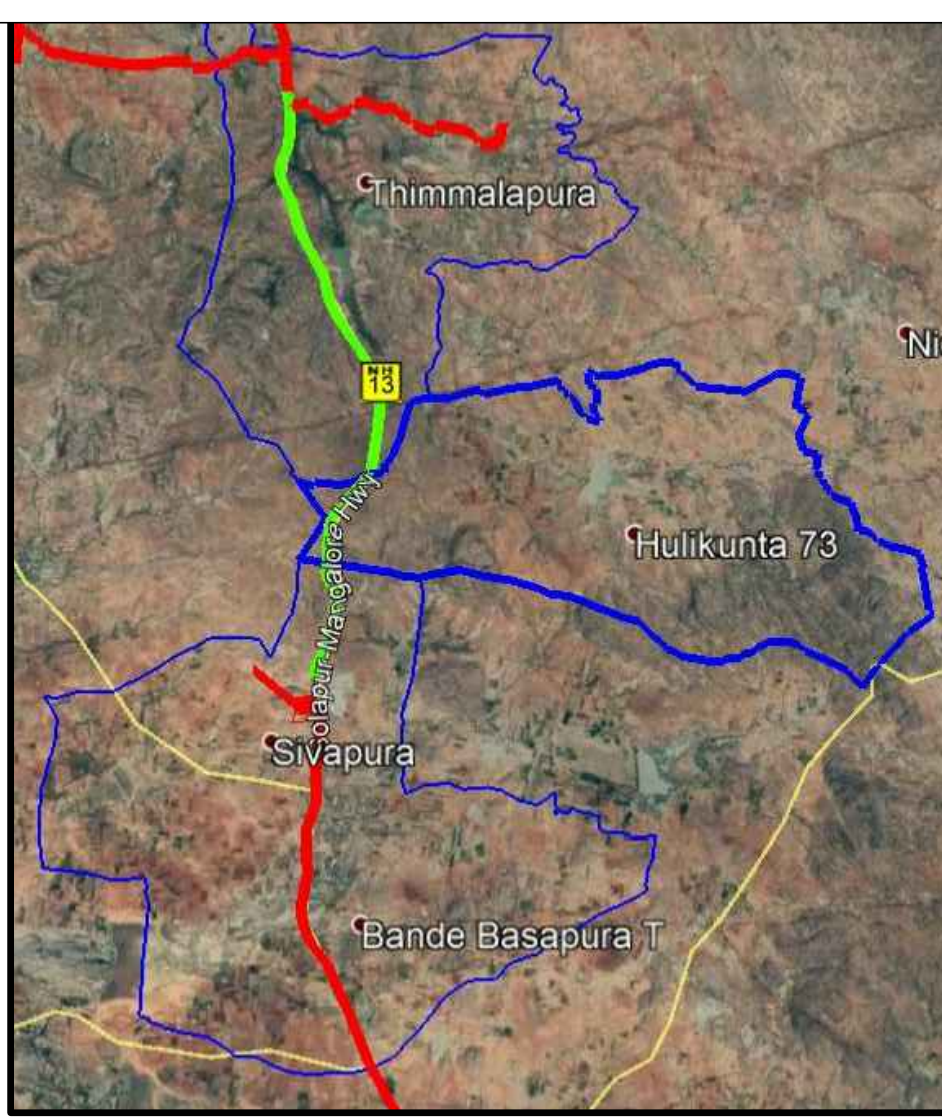
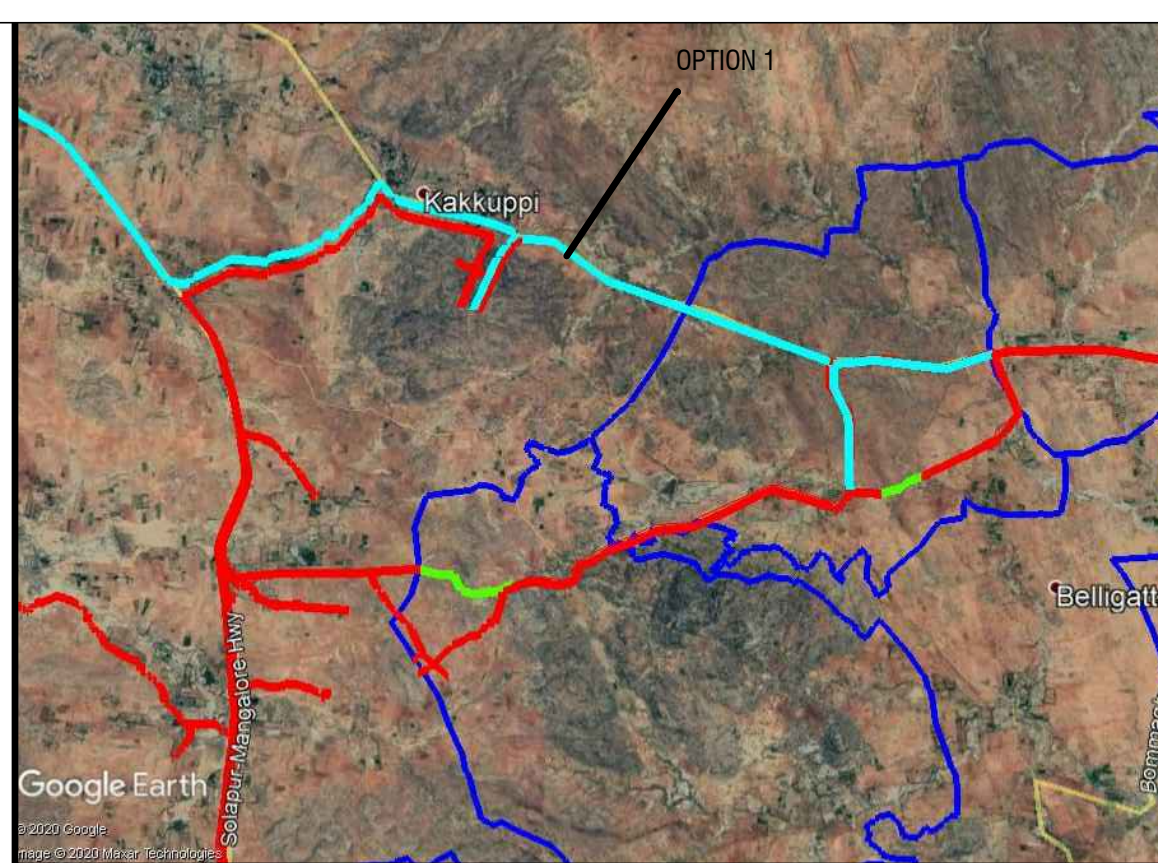




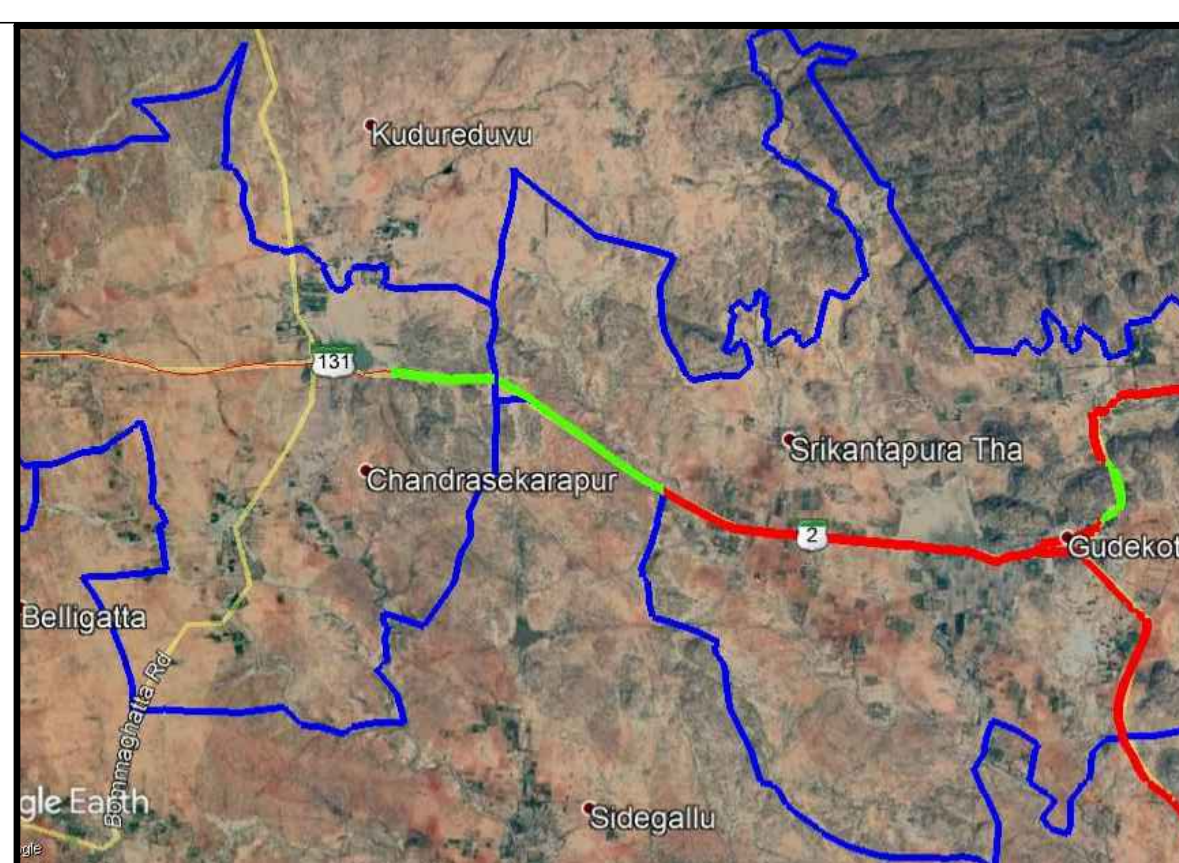
1. Pipe Line Alignment of Raw Water Rising Main is Passing through Forest Area for 965 m, there is No Possibility for examain the other alternate as shown above



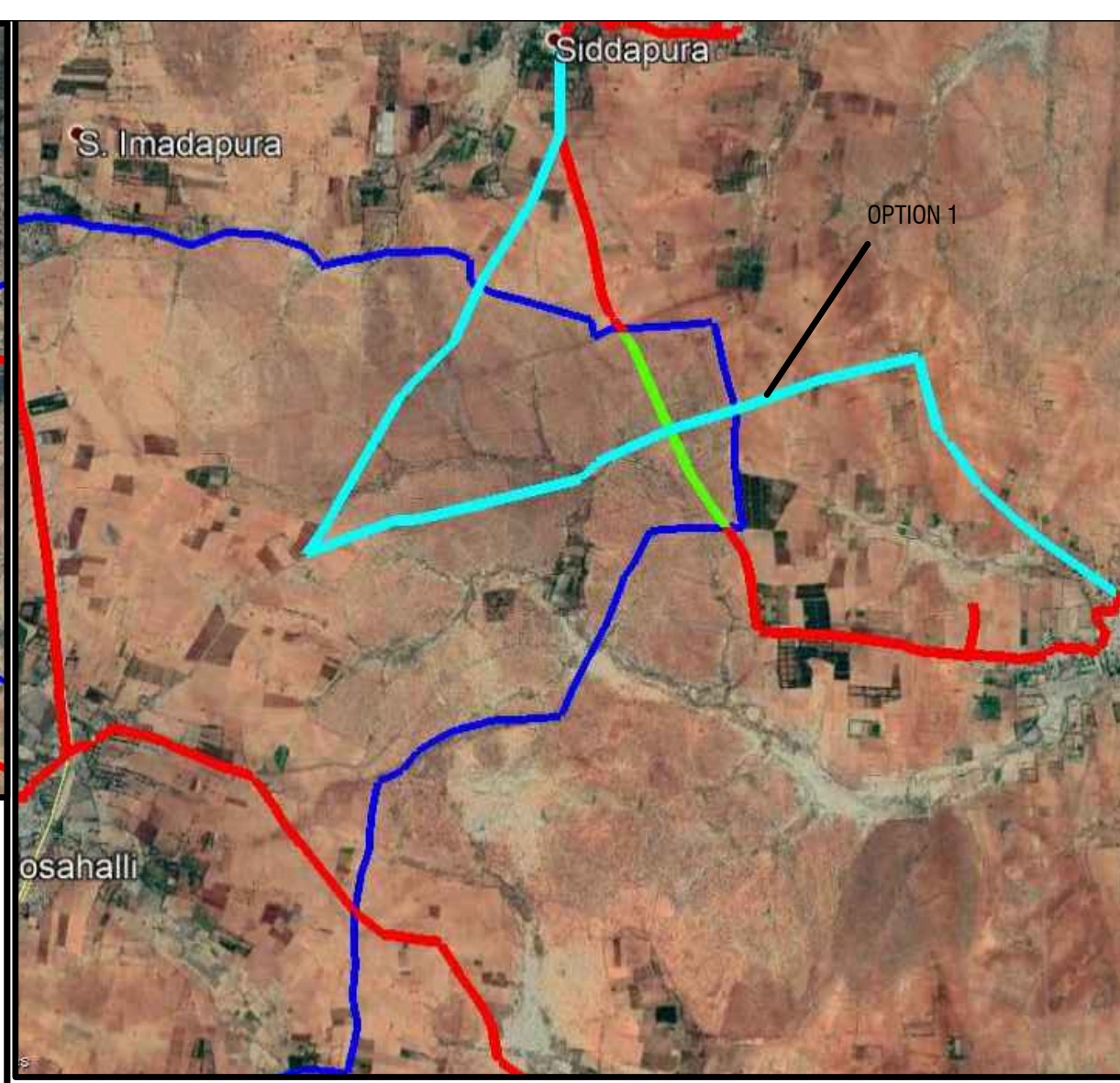
1. Pipe Line Alignment of Raw Water Rising Main is completely Passing through Shivapura Area, there is no possibility for other alternate alignment to avoid the forest area,
2. As per the project requirement, it is unavoidable to cross the forest reach



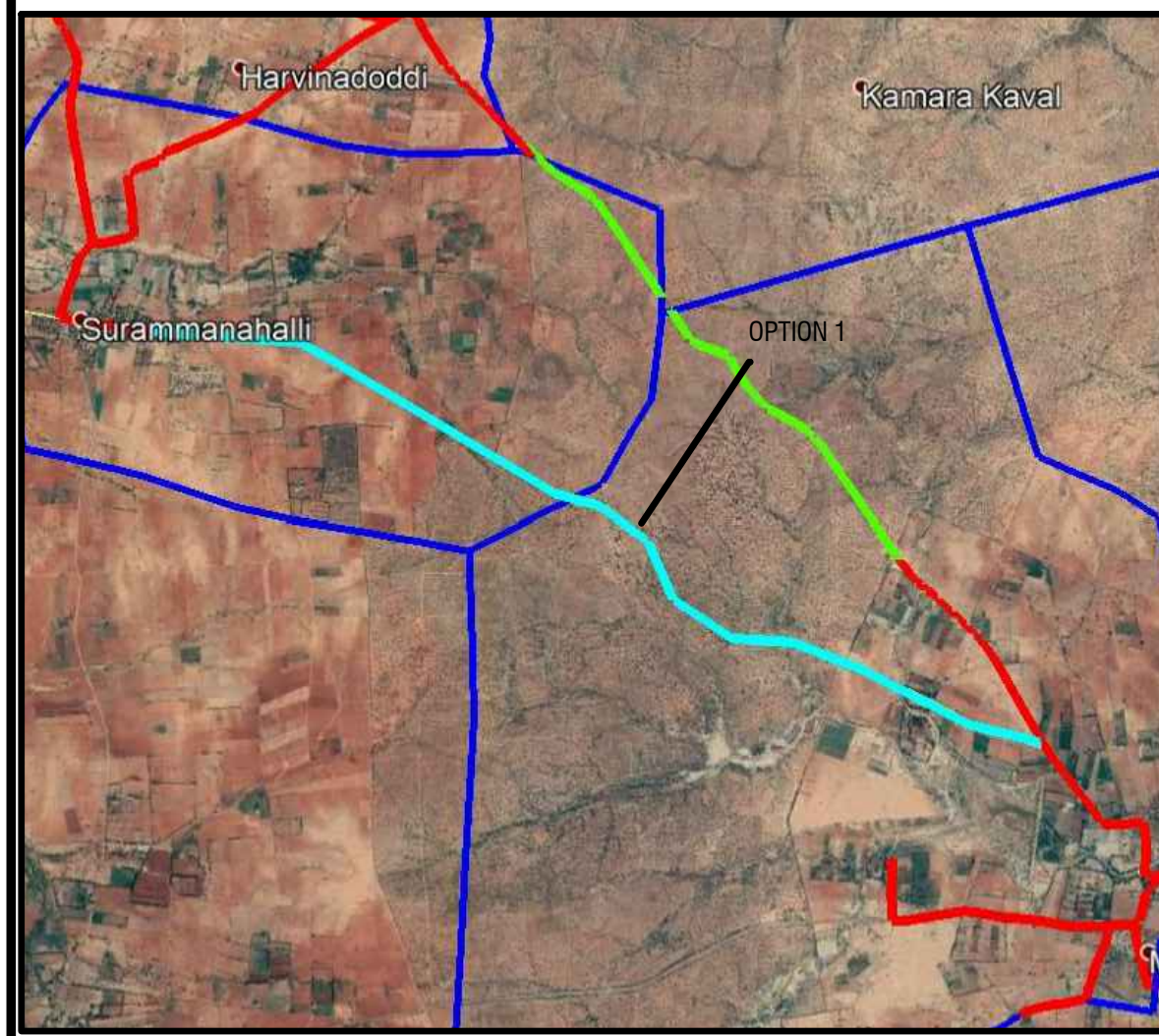
In this reach we have examined the alternate alignment to avoid the forest area, Firstly it was propsoed to as per Option 1 alignment. After Knowing the alignment is passing through the forest area, the alignment is changed and reduced the forest area and final some reach is crossing through the forest area as shown in above



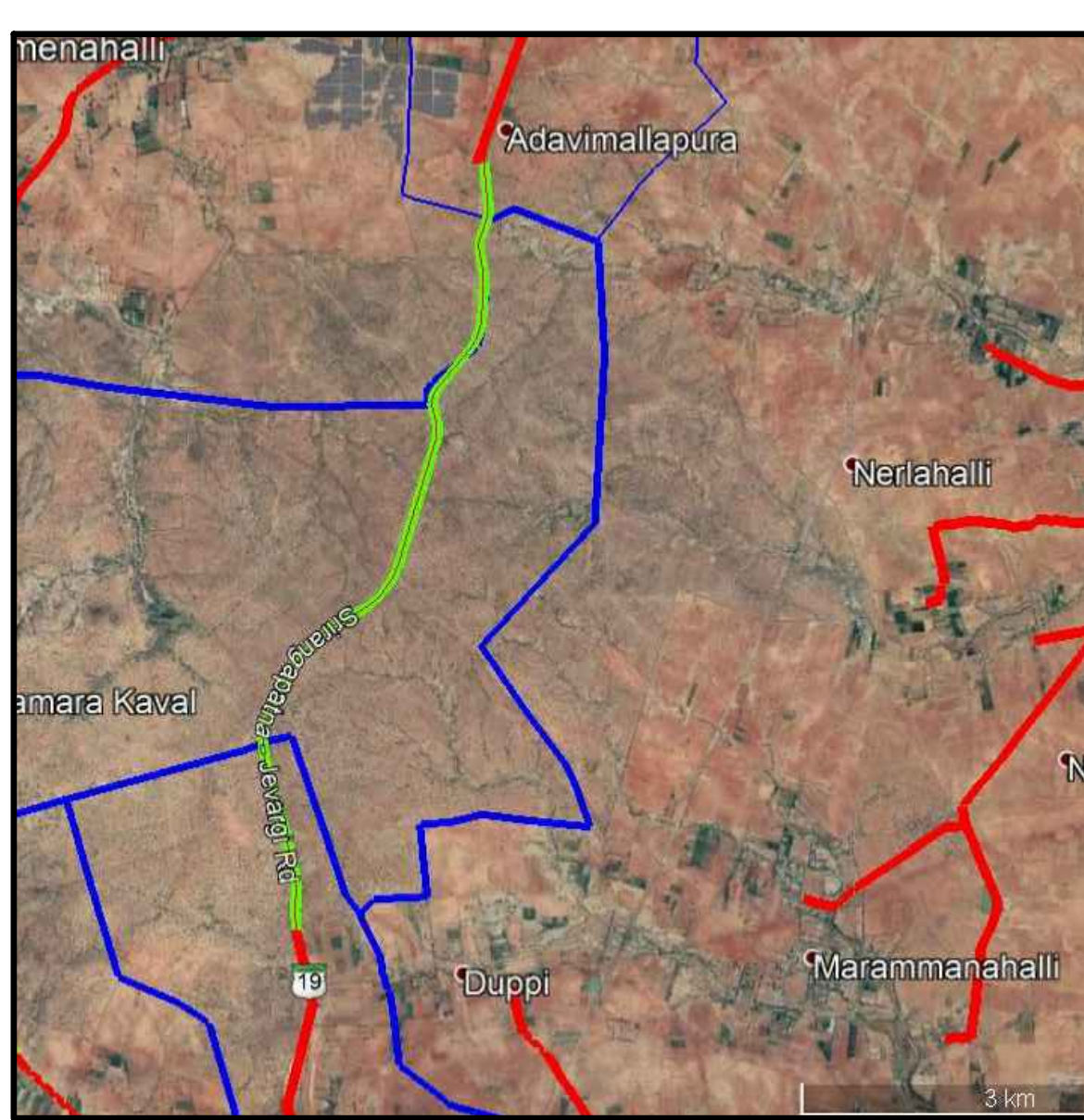
1. Pipe Line Alignment of Pure Water Rising Main is completely Passing through Forest Area, there is no possibility for other alternate alignment to avoid the forest area,
2. As per the project requirement, it is unavoidable to cross the forest reach



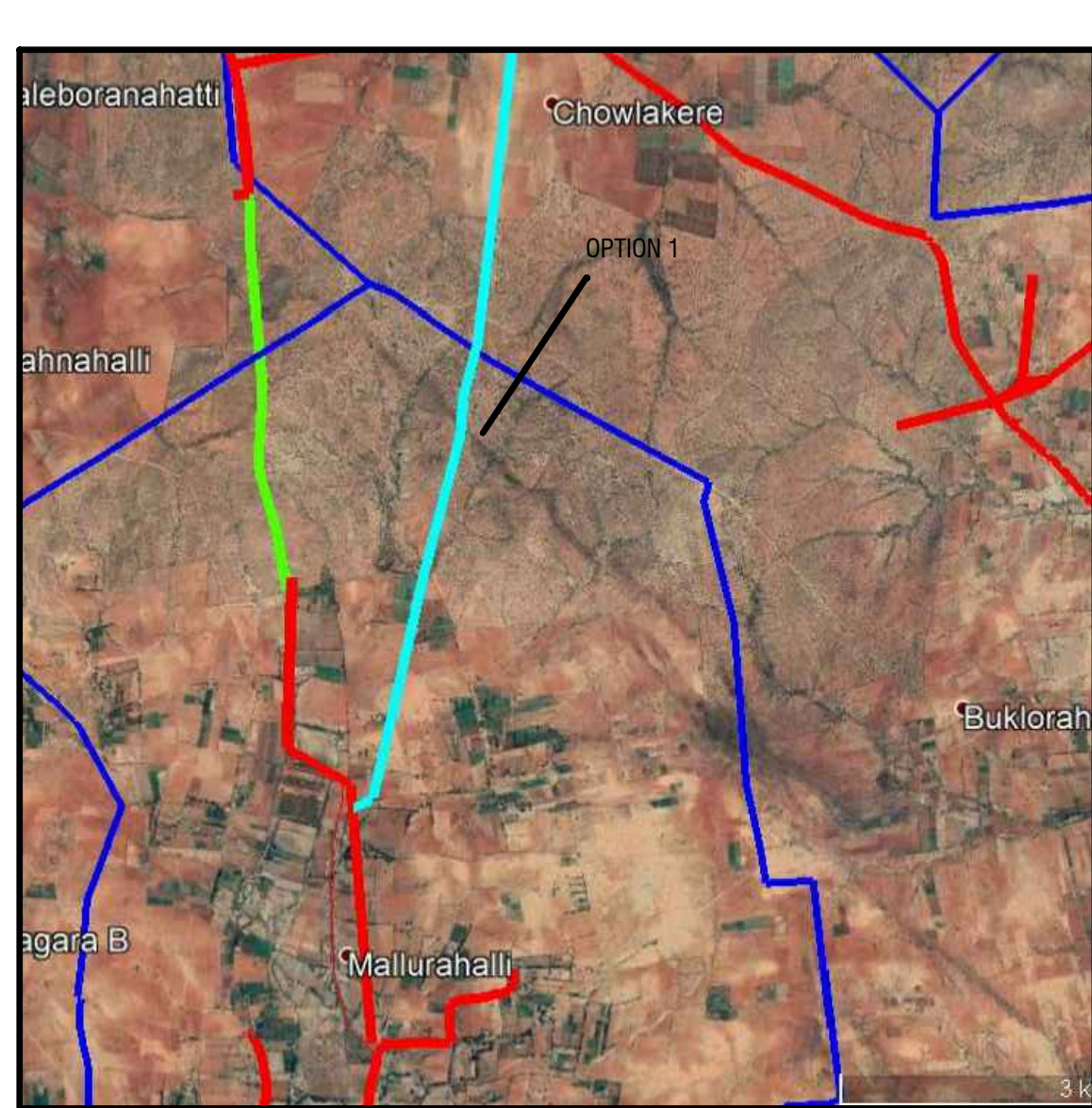
In this reach we have examined the alternate alignment to avoid the forest area, Firstly it was propsoed to as per Option 1 alignment. After Knowing the alignment is passing through the forest area, the alignment is changed and reduced the forest area and final some reach is crossing through the forest area as shown in above



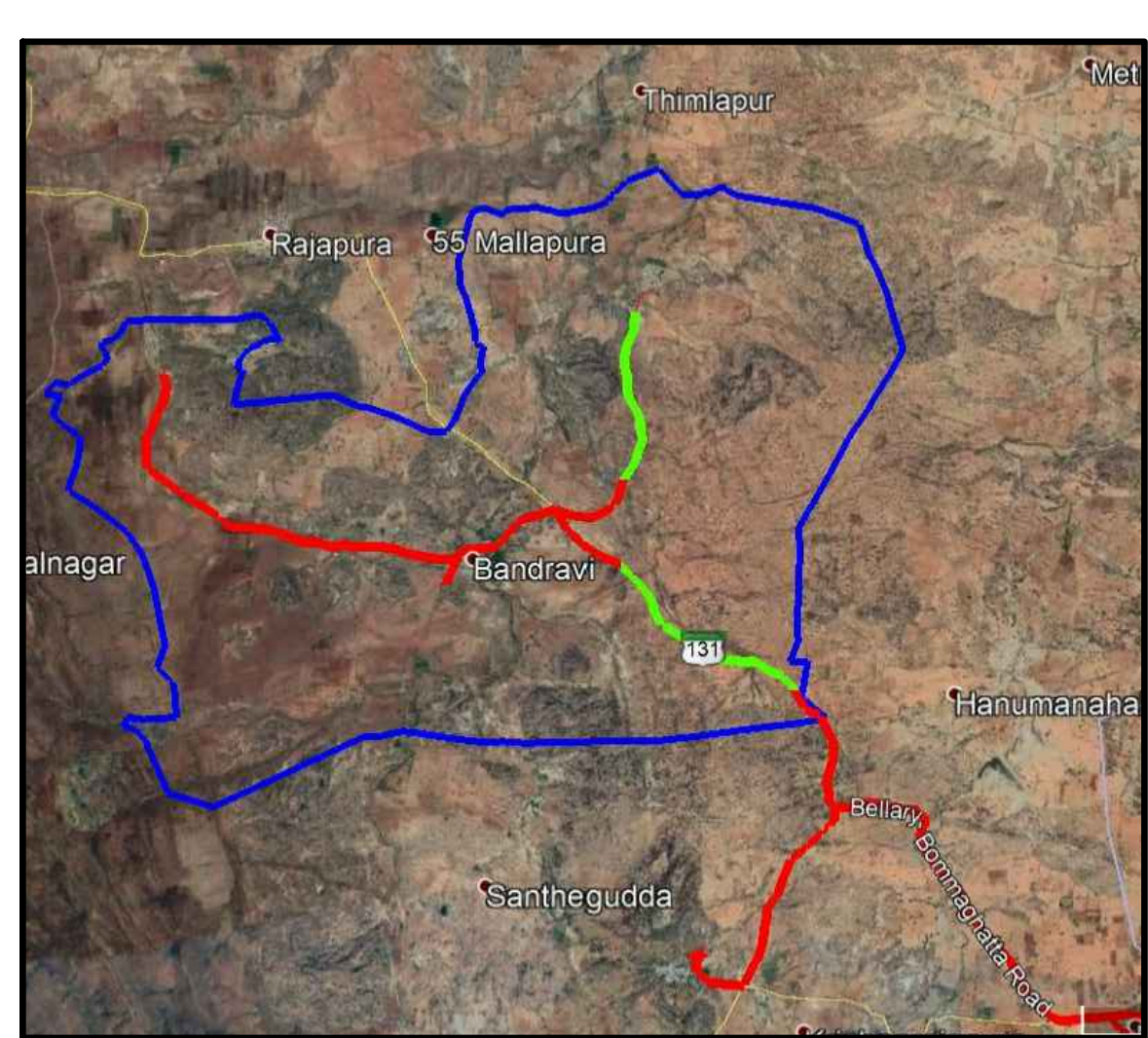
In this reach we have examined the alternate alignment to avoid the forest area, Firstly it was propsoed to as per Option 1 alignment. After Knowing the alignment is passing through the forest area, the alignment is changed and reduced the forest area and final some reach is crossing through the forest area as shown in above



1. Pipe Line Alignment of Pure Water Rising Main is completely Passing through Forest Area, there is no possibility for other alternate alignment to avoid the forest area,
2. As per the project requirement, it is unavoidable to cross the forest reach to Reach the inteded village/habitations to carry the water pipeline for providing the drinking water facility.



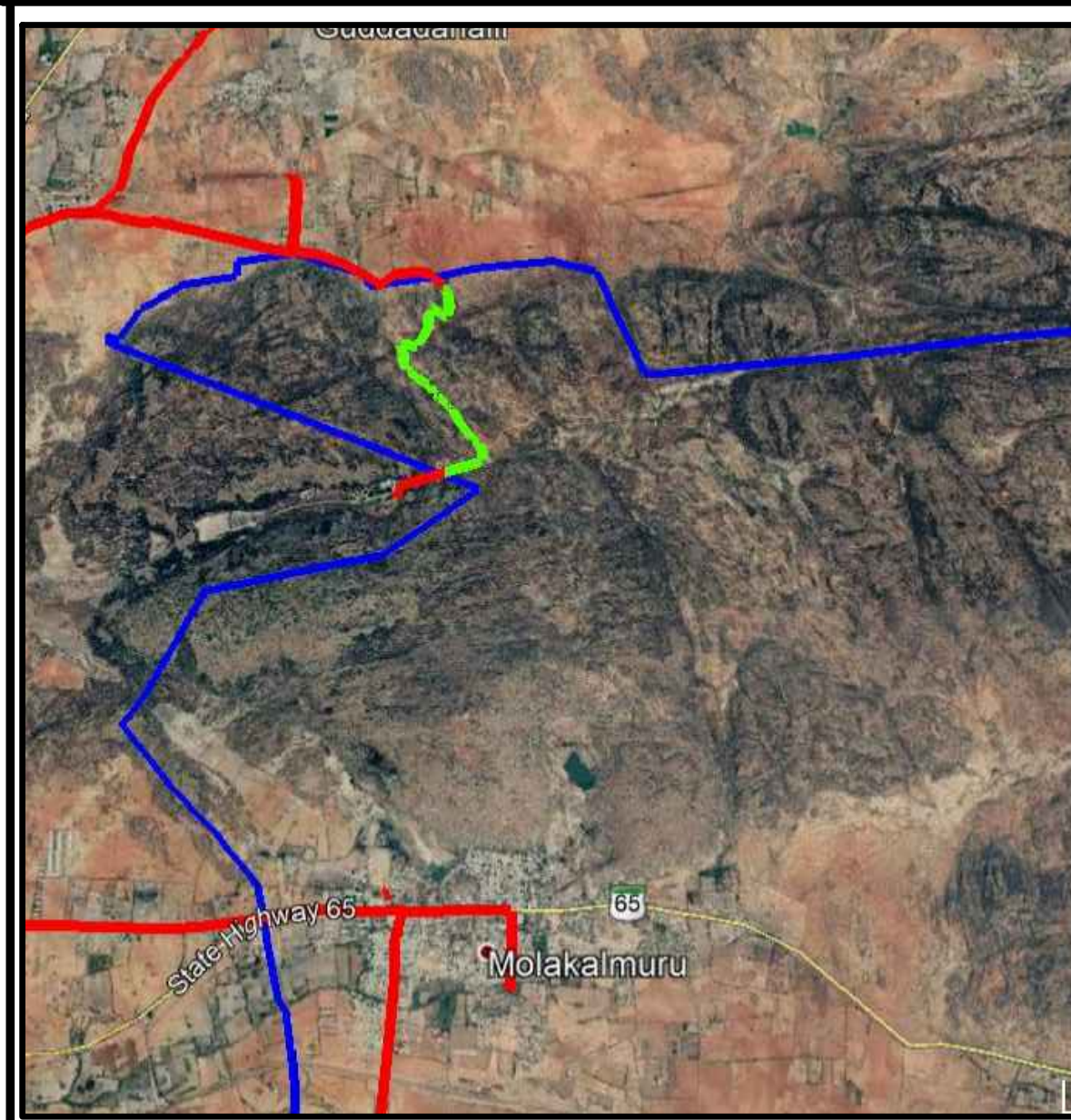
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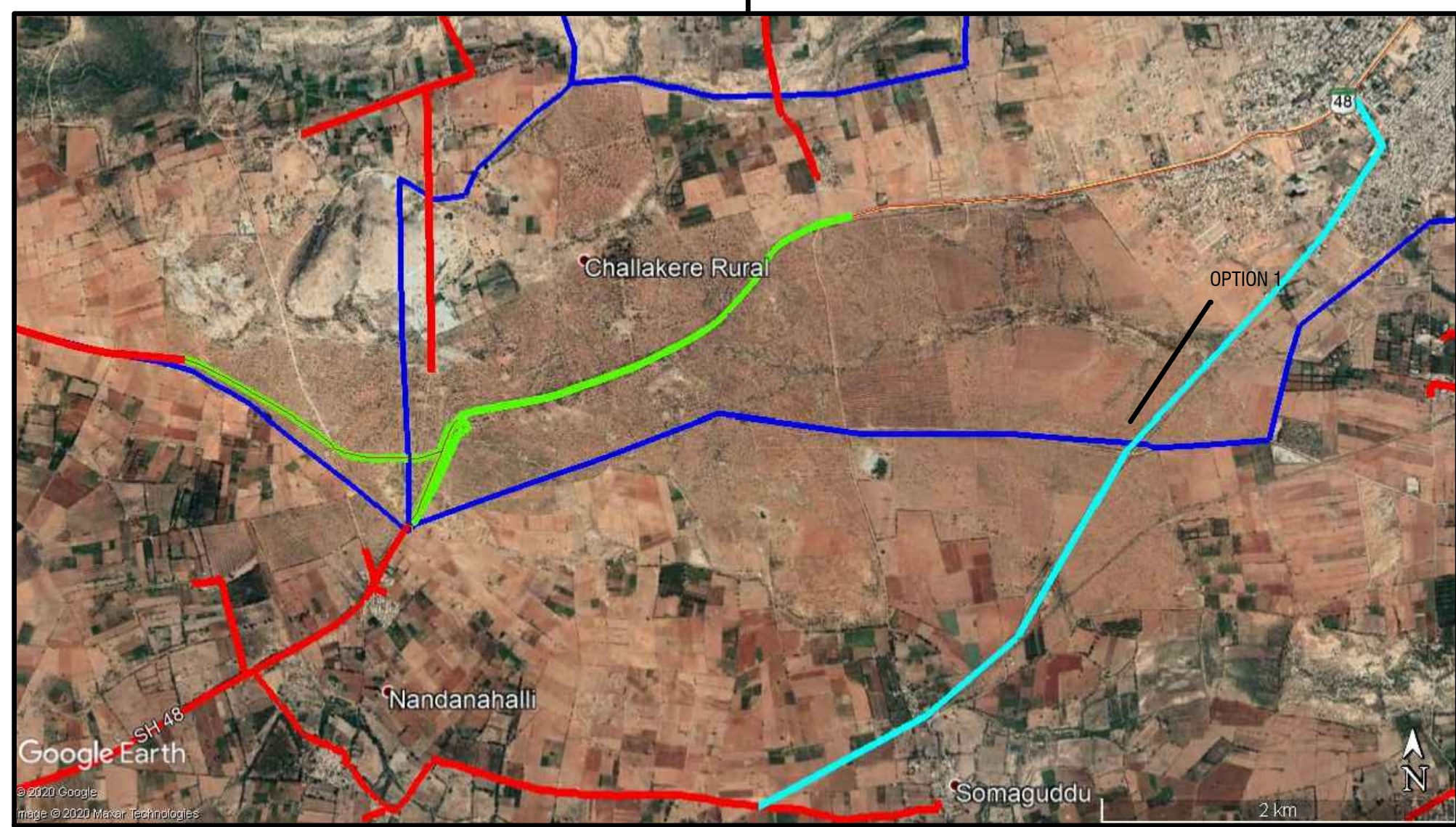
1. Since, the village is the end village of one point of the project area, for providing the end user of the villagerses the pipe line is unavoidable to cross the forest area as shown above
2. As per the project requirement, it is unavoidable to cross the forest reach to Reach the inteded village/habitations to carry the water pipeline for providing the drinking water facility.



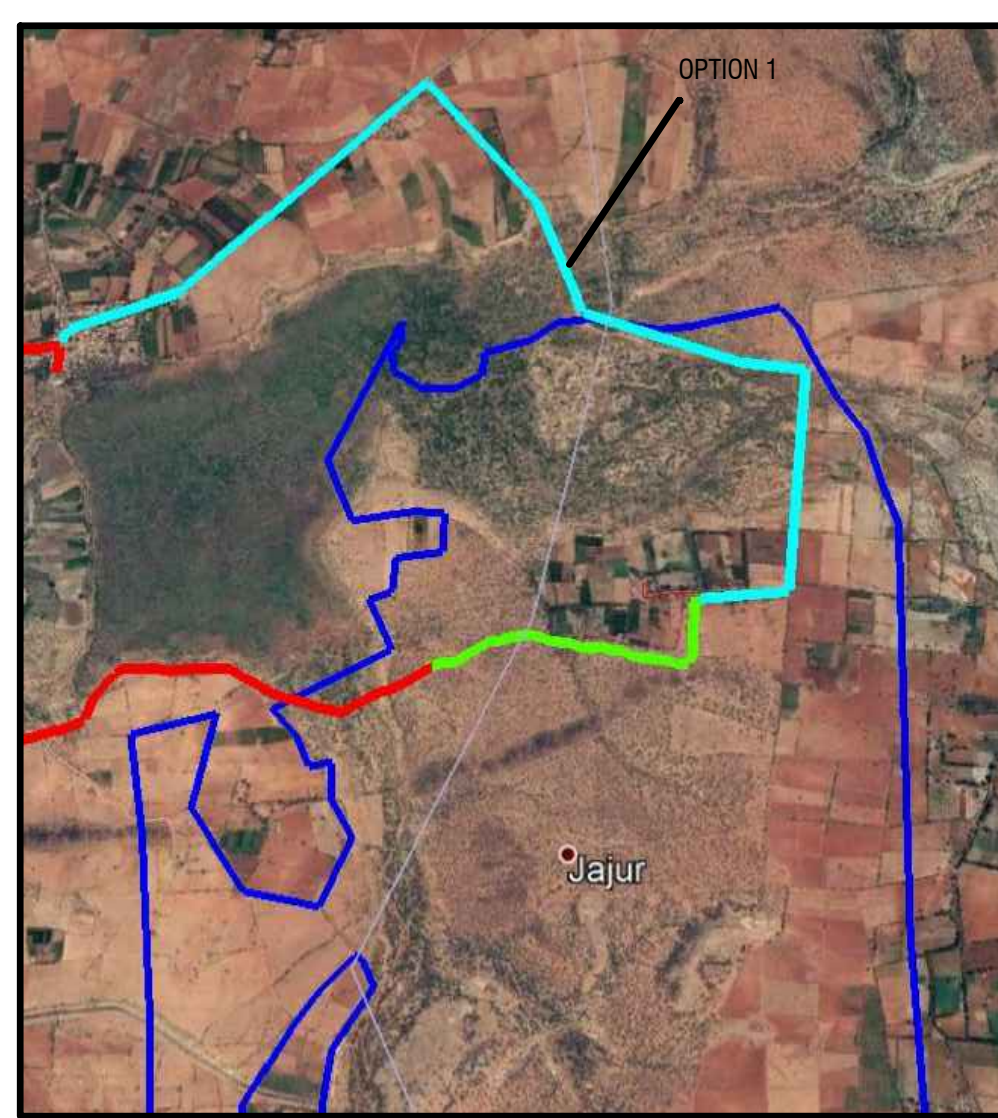
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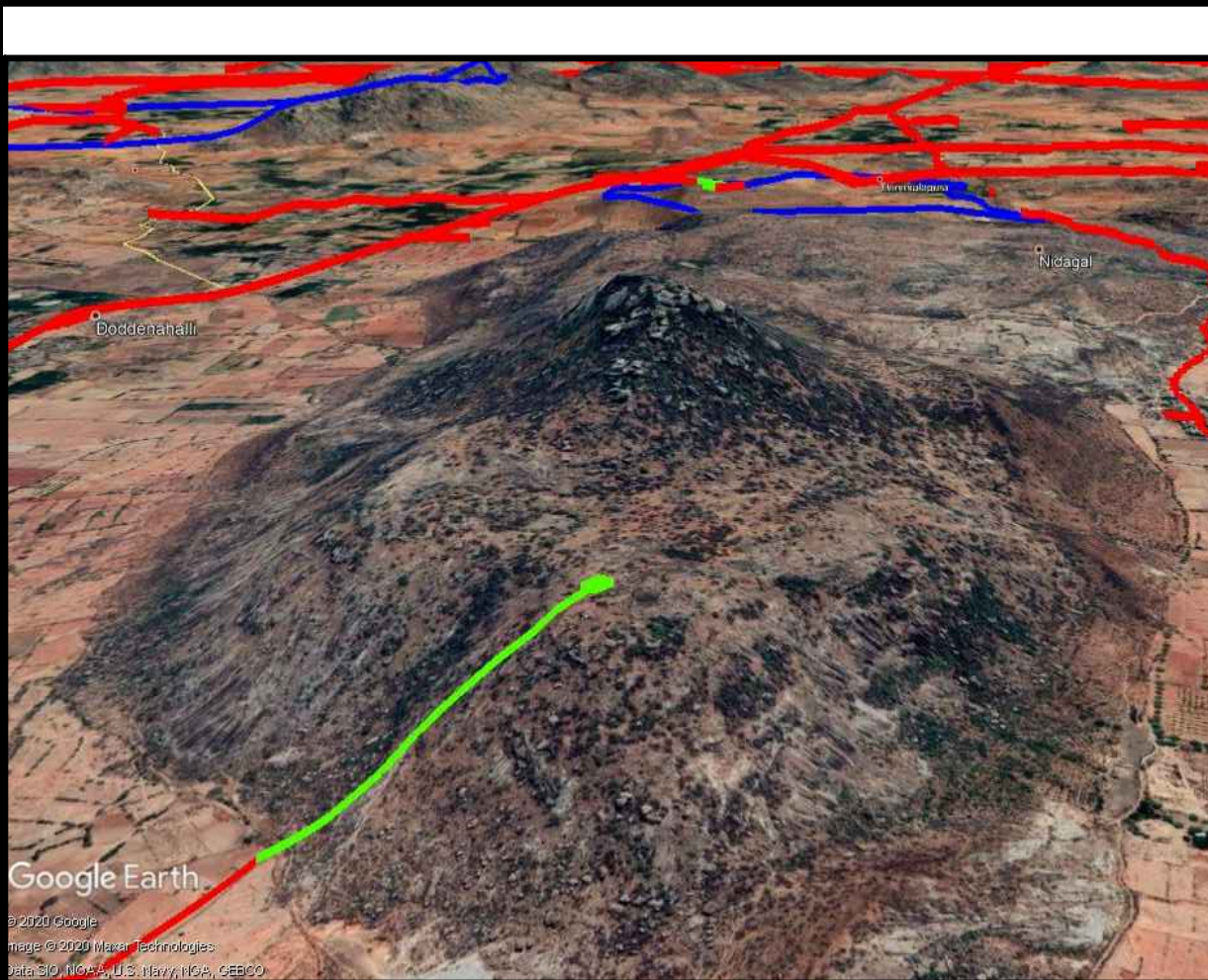
1. As per the ground profile and alignment it is unaviod able to cross the forest area to reach the inteded distination of as the alignment is fully cross between the hillock protion for forest area
2. As per the project requirement, it is unavoidable to cross the forest reach to Reach the inteded village/habitations to carry the water pipeline for providing the drinking water facility.



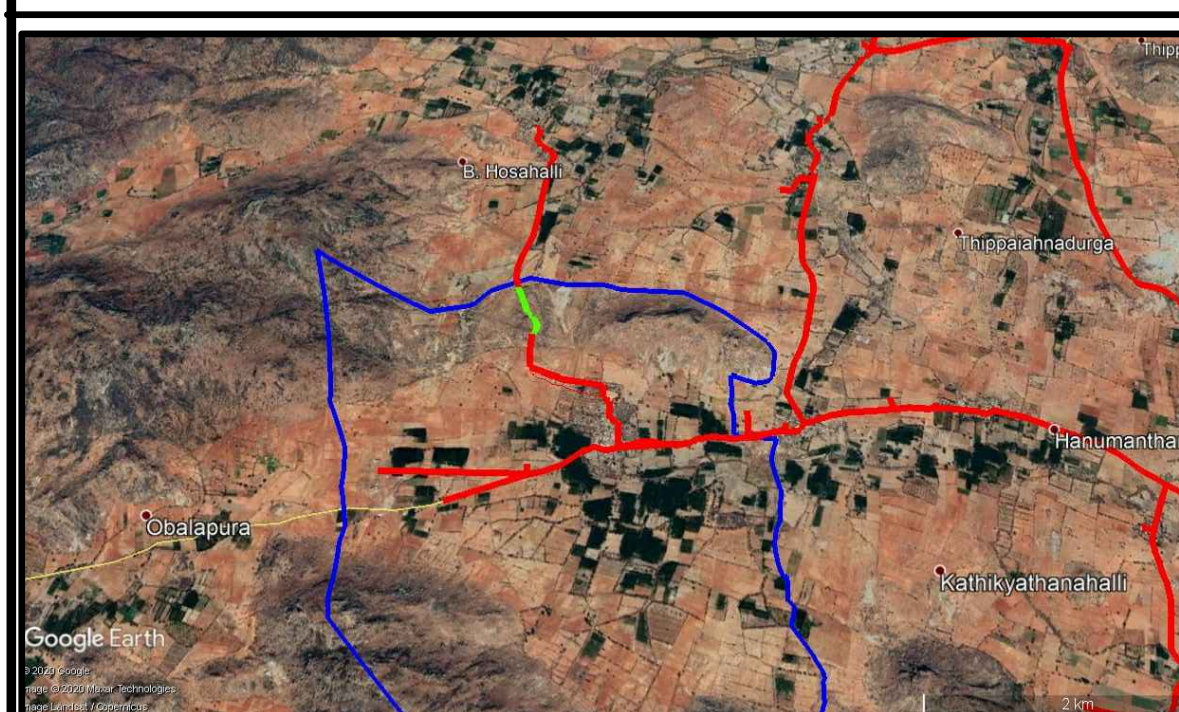
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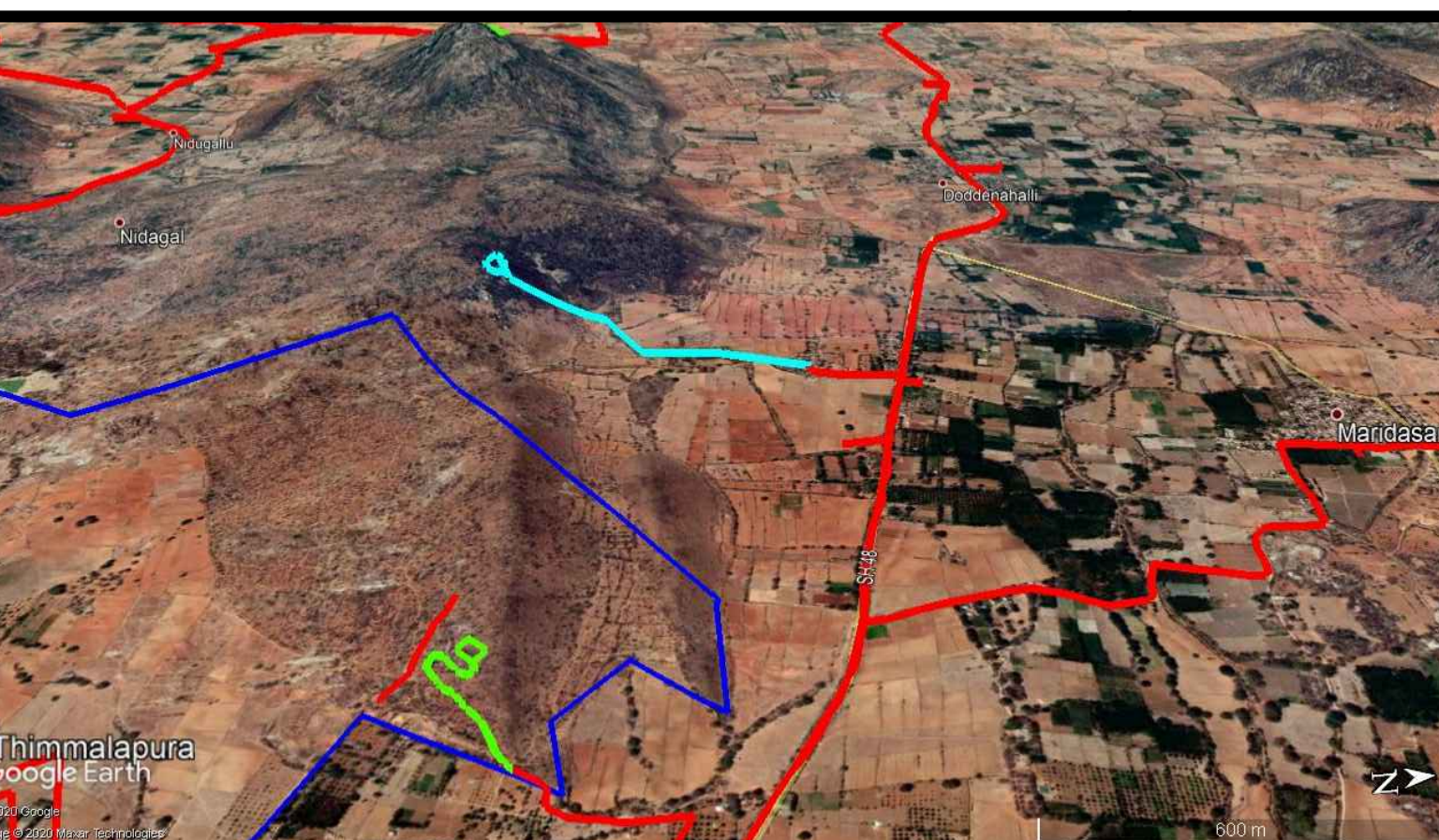
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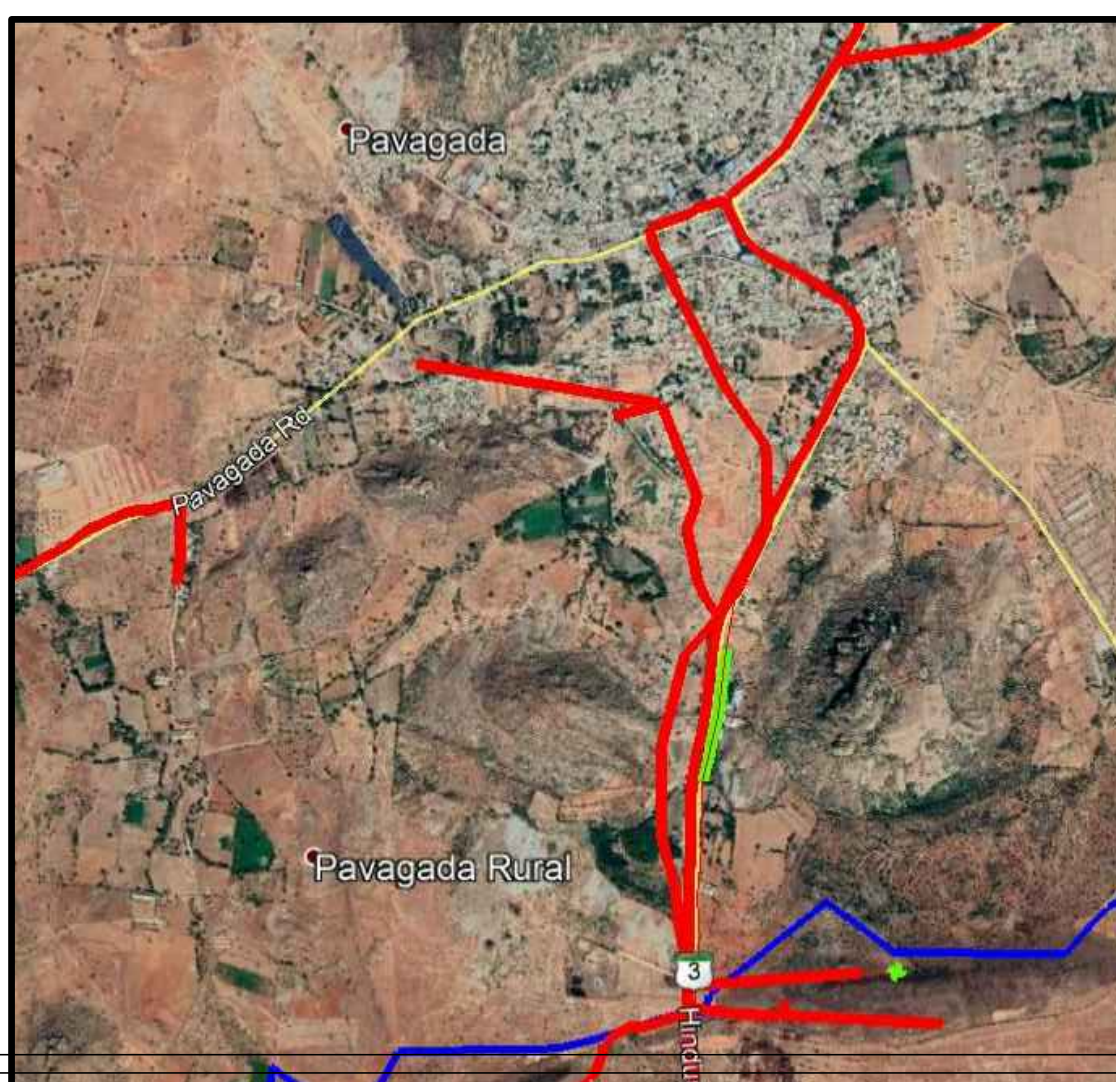
1. Proposed pipe line and Water Tank (GLSR) is very essential to locate at elevated location of hillock, so as to provide the water through gravity and less pumping cost can be achieved
2. Based of the souurrounding filed survey, the proposed location is suitable and will ensure the economic design for consuming less enrgy in further periods.



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LEGEND	
PIPE LINE IN FOREST	—
PIPE LINE IN NON FOREST	—
VILLAGE BOUNDARY	—
OPTION 1	—

TOPO SHEETS	
D43-E7	D43-K12
D43-E8	D43-K13
D43-E12	D43-K14
D43-K1	D43-K15
D43-K2	D43-K16
D43-K5	D43-L2
D43-K6	D43-L4
D43-K7	D43-L7
D43-K8	D43-L8
D43-K9	D43-L11
D43-K10	D43-R1
D43-K11	D43-R5

AREA STATEMENT FOR FOREST LAND IN THE PROJECT											
SL NO	DISTRICT	DIVISION	RANGE / TEHSIL / VILLAGES	COMPARTMENT NUMBER OF DIA. AREAL	COMPONENTS DETAILS	UNIT	LENGTH (M)	WIDTH (M)	AREA IN SQM	AREA IN HECTARE	REMARKS
1	BELLARY	BELLARY	Darayyakanahalli	S/N No: 605	PIPE LINE - 1200mm DIA	M	605.0	1.50	907.5	0.091	
2	BELLARY	BELLARY	Darayyakanahalli	S/N No: 557	PIPE LINE - 1200mm DIA	M	360.0	1.50	540.0	0.054	
3	BELLARY	BELLARY	Thimlapura	S/N No: 233	PIPE LINE - 1200mm DIA	M	4365.0	1.50	7447.5	0.745	
4	BELLARY	BELLARY	Thimlapura	S/N No: 233	PIPE LINE - 1200mm DIA	M	300.0	1.50	1500.0	0.150	
5	BELLARY	BELLARY	Hulikunta 73	S/N No: 50	PIPE LINE - 1200mm DIA	M	226.0	1.50	339.0	0.034	
6	BELLARY	BELLARY	Hulikunta 73	S/N No: 49	PIPE LINE - 1200mm DIA	M	105.0	1.50	157.5	0.016	
7	BELLARY	BELLARY	Hulikunta 73	S/N No: 48	PIPE LINE - 1200mm DIA	M	340.0	1.50	510.0	0.051	
8	BELLARY	BELLARY	Hulikunta 73	S/N No: 14	PIPE LINE - 1200mm DIA	M	123.0	1.50	184.5	0.018	
9	BELLARY	BELLARY	Hulikunta 73	S/N No: 15	PIPE LINE - 1200mm DIA	M	86.0	1.50	129.0	0.013	
10	BELLARY	BELLARY	Hulikunta 73	S/N No: 16	PIPE LINE - 1200mm DIA	M	120.0	1.50	180.0	0.018	
11	BELLARY	BELLARY	Hulikunta 73	S/N No: 17	PIPE LINE - 1200mm DIA	M	181.0	1.50	271.5	0.027	
12	BELLARY	BELLARY	Hulikunta 73	S/N No: 19	PIPE LINE - 1200mm DIA	M	221.0	1.50	331.5	0.033	
13	BELLARY	BELLARY	Shivapura	S/N No: 530	PIPE LINE - 1200mm DIA	M	1628.0	1.50	2442.0	0.244	
14	BELLARY	BELLARY	Jannali	S/N No: 211	PIPE LINE - 1200mm DIA	M	1240.0	1.50	1860.0	0.186	
15	BELLARY	BELLARY	Hannadi	S/N No: 155	PIPE LINE - 1200mm DIA	M	500.0	1.50	750.0	0.075	
16	BELLARY	BELLARY	Gudekote	S/N No: 531	PIPE LINE - 350mm DIA	M	830.0	0.50	415.0	0.042	
17	BELLARY	BELLARY	Ramdagurga	S/N No: 680	PIPE LINE - 1200mm DIA	M	1158.0	1.50	1737.0	0.174	
18	BELLARY	BELLARY	Gudekote	S/N No: 26	PIPE LINE - 1200mm DIA	M	392.0	1.50	588.0	0.059	
19	BELLARY	BELLARY	Gudekote	S/N No: 29	PIPE LINE - 1200mm DIA	M	196.0	1.50	294.0	0.029	
20	BELLARY	BELLARY	Gudekote	S/N No: 32	PIPE LINE - 1200mm DIA	M	392.0	1.50	588.0	0.059	
21	BELLARY	BELLARY	Gudekote	S/N No: 32	PIPE LINE - 1200mm DIA	M	394.0	1.50	591.0	0.059	
22	BELLARY	BELLARY	Gudekote	S/N No: 53	PIPE LINE - 1200mm DIA	M	144.0	1.50	216.0	0.022	
23	BELLARY	BELLARY	Gudekote	S/N No: 54	PIPE LINE - 1200mm DIA	M	254.0	1.50	381.0	0.038	
24	BELLARY	BELLARY	Gudekote	S/N No: 56	PIPE LINE - 1200mm DIA	M	498.0	1.50	747.0	0.075	
25	BELLARY	BELLARY	Baranahalli	S/N No: 34	PIPE LINE - 500mm DIA	M	110.0	0.75	82.5	0.008	
26	BELLARY	BELLARY	Baranahalli	S/N No: 35	PIPE LINE - 500mm DIA	M	100.0	0.75	75.0	0.007	
27	BELLARY	BELLARY	Baranahalli	S/N No: 69	PIPE LINE - 500mm DIA	M	113.0	0.75	84.75	0.008	
28	BELLARY	BELLARY	Soladahalli	S/N No: 354	PIPE LINE - 500mm DIA	M	812.0	0.75	609.0	0.062	
29	BELLARY	BELLARY	Hosahalli	S/N No: 460	PIPE LINE - 120mm DIA	M	120.0	0.30	36.0	0.004	
30	BELLARY	BELLARY	Hosahalli	S/N No: 462	PIPE LINE - 120mm DIA	M	110.0	0.30	33.0	0.003	
31	BELLARY	BELLARY	Hosahalli	S/N No: 464	PIPE LINE - 120mm DIA	M	200.0	0.30	60.0	0.006	
32	BELLARY	BELLARY	Hosahalli	S/N No: 466	PIPE LINE - 120mm DIA	M	130.0	0.30	39.0	0.004	
33	BELLARY	BELLARY	Hosahalli	S/N No: 440	PIPE LINE - 120mm DIA	M	130.0	0.30	39.0	0.003	
34	BELLARY	BELLARY	Hosahalli	S/N No: 441	PIPE LINE - 120mm DIA	M	150.0	0.30	45.0	0.005	
35	BELLARY	BELLARY	Hosahalli	S/N No: 25	PIPE LINE - 120mm DIA	M	500.0	0.30	150.0	0.003	
36	BELLARY	BELLARY	Hosahalli	S/N No: 24	PIPE LINE - 120mm DIA	M	87.0	0.30	26.1	0.003	
37	BELLARY	BELLARY	Hosahalli	S/N No: 20	PIPE LINE - 120mm DIA	M	120.0	0.30	36.0	0.004	
38	BELLARY	BELLARY	Hosahalli	S/N No: 31	PIPE LINE - 120mm DIA	M	140.0	0.30	42.0	0.004	
39	BELLARY	BELLARY	Hosahalli	S/N No: 34	PIPE LINE - 120mm DIA	M	160.0	0.30	48.0	0.005	
40	CHITRADURG	CHITRADURG	Bandrivi	S/N No: 162	PIPE LINE - 100mm DIA	M	442.0	0.30	132.6	0.013	
41	CHITRADURG	CHITRADURG	Bandrivi	S/N No: 164	PIPE LINE - 100mm DIA	M	328.0	0.30	98.4	0.010	
42	CHITRADURG	CHITRADURG	Bandrivi	S/N No: 165	PIPE LINE - 100mm DIA	M	277.0	0.30	83.1	0.008	
43	CHITRADURG	CHITRADURG	Bandrivi	S/N No: 156	PIPE LINE - 100mm DIA	M	329.0	0.30	98.7	0.010	
44	CHITRADURG	CHITRADURG	Bandrivi	S/N No: 154	PIPE LINE - 100mm DIA	M	451.0	0.30	135.3	0.014	
45	CHITRADURG	CHITRADURG	Bandrivi	S/N No: 94	PIPE LINE - 100mm DIA	M	113.0	0.30	33.9	0.003	
46	CHITRADURG	CHITRADURG	Bandrivi	S/N No: 96	PIPE LINE - 100mm DIA	M	310.0	0.30	93.0	0.009	
47	CHITRADURG	CHITRADURG	Bandrivi	S/N No: 97	PIPE LINE - 100mm DIA	M	108.0	0.30	32.4	0.003	
48	CHITRADURG	CHITRADURG	Bandrivi	S/N No: 98	PIPE LINE - 100mm DIA	M	300.0	0.30	90.0	0.009	
49	CHITRADURG	CHITRADURG	Bandrivi	S/N No: 105	PIPE LINE - 100mm DIA	M	322.0	0.30	96.6	0.009	
50	CHITRADURG	CHITRADURG	Bandrivi	S/N No: 104	PIPE LINE - 100mm DIA	M	310.0	0.30	93.0	0.009	
51	CHITRADURG	CHITRADURG	Maharajpur	S/N No: 7	PIPE LINE - 100mm DIA	M	1085.0	0.30	325.5	0.033	
52	CHITRADURG	CHITRADURG	Maharajpur	S/N No: 13	PIPE LINE - 100mm DIA	M	1780.0	0.30	534.0	0.054	
53	CHITRADURG	CHITRADURG	Kannada Kanal	S/N No: 1	PIPE LINE - 1200mm DIA	M	4302.0	1.50	6453.0	0.645	
54	CHITRADURG	CHITRADURG	B D Kane	S/N No: 24	PIPE LINE - 1200mm DIA	M	1366.0	1.50	2049.0	0.205	
55	CHITRADURG	CHITRADURG	Adavimallapura	S/N No: 9	PIPE LINE - 1200mm DIA	M	400.0	1.50	600.0	0.060	
56	CHITRADURG	CHITRADURG	Muttigarahalli	S/N No: 30	PIPE LINE - 250mm DIA	M	1882.5	0.40	753.0	0.075	
57	CHITRADURG	CHITRADURG	Surmanahalli	S/N No: 26	PIPE LINE - 250mm DIA	M	1220.0	0.40	488.0	0.049	
58	CHITRADURG	CHITRADURG	Mullarahalli	S/N No: 01	PIPE LINE - 120mm DIA	M	1448.0	0.30	434.4	0.044	
59	CHITRADURG	CHITRADURG	Abbinahalli	S/N No: 42	PIPE LINE - 120mm DIA	M	1057.0	0.30	317.1	0.032	
60	CHITRADURG	CHITRADURG	Hajira Kanal	S/N No: 36	PIPE LINE - 100mm DIA	M	1385.0	0.30	415.5	0.042	
61	CHITRADURG	CHITRADURG	Chalikere	S/N No: 295	PIPE LINE - 120mm DIA	M	500.0	0.30	150.0	0.015	
62	CHITRADURG	CHITRADURG	Chalikere	S/N No: 295	WATER TANK	M	50.0	50.0	2500.0	0.250	
63	CHITRADURG	CHITRADURG	Chalikere	S/N No: 296	ELECTRICAL LINE	M	650.0	7.0	4550.0	0.455	
64	CHITRADURG	CHITRADURG	Chalikere	S/N No: 296	PIPE LINE - 120mm DIA	M	5328.0	0.30	1598.4	0.160	
65	CHITRADURG	CHITRADURG	Nannihalli	S/N No: 207	PIPE LINE - 200mm DIA	M	1431.0	0.35	500.9	0.050	
66	CHITRADURG	CHITRADURG	Nagagondanahalli	S/N No: 74	PIPE LINE - 200mm DIA	M	200.0	0.25	50.0	0.005	
67	CHITRADURG	CHITRADURG	Nagagondanahalli	S/N No: 73	PIPE LINE - 200mm DIA	M	340.0	0.25	85.0	0.009	
68	CHITRADURG	CHITRADURG	Chowdurga	S/N No: 13	PIPE LINE - 900mm DIA	M	780.0	0.95	750.0	0.075	
69	CHITRADURG	CHITRADURG	CHITRADURG	S/N No: 59	PIPE LINE - 900mm DIA	M	650.0	0.95	617.5	0.062	
70	TUMAKURU	TUMAKURU	Nidigudi	S/N No: 1	PIPE LINE - 1200mm DIA	M	406.0	0.45	182.7	0.018	
71	TUMAKURU	TUMAKURU	Nidigudi	S/N No: 1	WATER TANK	M	25.0	25.0	625.0	0.063	
72	TUMAKURU	TUMAKURU	Timapur	S/N No: 8	WATER TANK	M	40.0	40.0	1600.0	0.160	
73	TUMAKURU	TUMAKURU	Timapur	S/N No: 8	PIPE LINE - 1200mm DIA	M	490.0	1.50	735.0	0.074	
74	TUMAKURU	TUMAKURU	Menandahalli	S/N No: 74	PIPE LINE - 120mm DIA	M	280.0	0.30	84.0	0.008	
75	TUMAKURU	TUMAKURU	Menandahalli	S/N No: 327	PIPE LINE - 120mm DIA	M	406.0	0.30	121.8	0.012	
76	TUMAKURU	TUMAKURU	Kannarahalli	S/N No: 130	WATER TANK	M	30.0	30.0	900.0	0.090	
TOTAL FOREST LAND										4.983	

PROJECT :	PAVAGADA WATER SUPPLY SCHEME
PROJECT	GOVERNMENT OF KARNATAKA RURAL DRINKING WATER & SANITATION DEPARTMENT (RDW & SD)
USER AGENCY	SUPERINTENDING ENGINEER RURAL DRINKING WATER & SANITATION DEPARTMENT (RDW & SD) BANGALORE
JOB No.:	MAP SHOWING ALTERNATE LAND/ ALIGNMENT TO AVOID FOREST
DRAWING No.	SHEET: A1 01 OF 01 REVISION:
RELEASED FOR	<input type="checkbox"/> PRELIMINARY <input type="checkbox"/> TENDER <input type="checkbox"/> INFORMATION <input checked="" type="checkbox"/> APPROVAL <input type="checkbox"/> CONSTRUCTION