

AREA CALCULATION SHEET

PROPOSED FOREST LAND TO BE DIVERTED FOR LAYING OF WATER DISTRIBUTION LINE ALONG DIFFERENT ROADS, UNDER GULARA, TILAITHA, BACHAWALI AND BUDPURA VILLAGE GROUP
DRINKING WATER SCHEME OF JAL JEEVAN MISSION OF GOVT OF INDIA, IN DISTRICT:- JHANSI (U.P.)

PROTECTED FOREST LAND AREA CALCULATION

Sl. No.	Location	Village Name	Chainage No.		Distance (in Mtr.)	Width of Protected Forest Land to be used (in Mtr.)		Trench Width	Area of Protected Forest Land to be used (in Sq. Mtr.)		Total Protected Forest Area (in (8+9)
			From	To		LHS	RHS		LHS	RHS	
									(4x5)	(4x6)	
		1	2	3	4	5	6	7	8	9	10
1	Gulara Group of Villages										
	Road (NH-27),Parichha to Chirgaon, Km. No. 93 to Km. No. 86 (RHS)	Parichha	86.000	88.000	2000.0	0.00	1.00	1x1	0.0	2000.0	2000.00
		Gulara	88.000	90.000	2000.0	0.00	1.00	1x1	0.0	2000.0	2000.00
		Palhari	90.000	91.000	1000.0	0.00	1.00	1x1	0.0	1000.0	1000.00
		Chirgaon	91.000	93.168	2168.0	0.00	1.00	1x1	0.0	2168.0	2168.00
					7168.0						7168.00
	Road (NH-27),Pahelwan dhaba to Amra bus stand, Km. No. 68 to Km. No. 81 (RHS)	Chirgaon	68.000	70.000	2000.0	0.00	1.00	1x1	0.0	2000.0	2000.00
		Baral	70.000	72.000	2000.0	0.00	1.00	1x1	0.0	2000.0	2000.00
		kargawan	72.000	75.000	3000.0	0.00	1.00	1x1	0.0	3000.0	3000.00
		Semri	75.000	79.000	4000.0	0.00	1.00	1x1	0.0	4000.0	4000.00
		Amargarh	79.000	80.630	1630.0	0.00	1.00	1x1	0.0	1630.0	1630.00
					12630.0						12630.00
	NH-27 to Chirgaon Railway Station, Km. No. 0.0 to Km. No. 0.725 (RHS)	Parichha	0.000	0.500	500.0	0.00	1.00	1x1	0.0	500.0	500.00
		Gulara	0.500	0.725	225.0	0.00	1.00	1x1	0.0	225.0	225.00
					725.0						725.00
					20523.0						20523.00
2	Bachawali Group of Villages										
	Jhansi - Kanpur Road (New NH- 27), from Km. No. 103.00 to 114.20	Digara	103.000	105.500	2500.0	1.0	1.0	1x1	2500.0	2500.0	5000.00
		Karguwan	105.500	107.000	1500.0	1.0	1.0	1x1	1500.0	1500.0	3000.00
		Gormachhiya	107.000	109.000	2000.0	1.0	1.0	1x1	2000.0	2000.0	4000.00
		Baragaon	109.000	111.000	2000.0	1.0	1.0	1x1	2000.0	2000.0	4000.00
		Baragaon	111.000	112.200	1200.0	1.0	1.0	1x1	1200.0	1200.0	2400.00
		Bachaoli									
		Buzurg	112.200	113.000	800.0	1.0	0.0	1x1	800.0	0.0	800.00
		Parichha	113.000	114.200	1200.0	1.0	0.0	1x1	1200.0	0.0	1200.00
					11200.0						20400.00
3	Tilaitha Group of Villages										
	Jhansi - Khajuraho Road (NH- 39), Km. No. 14 to Km. No. 23	Banguwan	14.000	16.000	2000.0	0.0	1.0	1x1	0.0	2000.0	2000.00
		Banguwan	16.000	18.000	2000.0	0.0	1.0	1x1	0.0	2000.0	2000.00
		Barua Sagar	18.000	19.500	1500.0	0.0	1.0	1x1	0.0	1500.0	1500.00
		Barua Sagar	19.500	20.800	1300.0	0.0	1.0	1x1	0.0	1300.0	1300.00
		Barua Sagar	20.800	21.250	450.0	0.0	1.0	1x1	0.0	450.0	450.00
		Ghughuwa	21.250	22.860	1610.0	0.0	1.0	1x1	0.0	1610.0	1610.00
					8860.0						8860.00

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Sl. No.	Location	Village Name	Chainage No.		Distance (in Mtr.)	Width of Protected Forest Land to be used (in Mtr.)		Trench Width	Area of Protected Forest Land to be used (in Sq. Mtr.)		Total Protected Forest Area (in
			From	To		LHS	RHS		LHS	RHS	(8+9)
									(4x5)	(4x6)	
		1	2	3	4	5	6	7	8	9	10
4	Budpura Group of Villages										
	Jhansi Lalitpur Road (NH-44) from Km. 12.00 to Km. 18.00 {Jhansi Range}	Chakarpur	12.000	12.800	800.0	0.8	0.0	1x1	640.0	0.0	640.00
		Simrawari	12.800	13.500	700.0	0.8	0.0	1x1	560.0	0.0	560.00
		Tilak Nagar	13.500	14.800	1300.0	0.8	0.0	1x1	1040.0	0.0	1040.00
		Khailar	14.800	16.000	1200.0	0.8	0.0	1x1	960.0	0.0	960.00
		Khailar	16.000	18.000	2000.0	0.8	0.0	1x1	1600.0	0.0	1600.00
					6000.0						4800.00
	Jhansi Shivpuri Road (NH-27) from Km. 12.00 to Km. 16.00 {Jhansi Range}	Raksa	12.000	13.500	1500.0	0.600	0.0	1x1	900.0	0.0	900.00
		Dhikoli	13.500	15.600	2100.0	0.600	0.0	1x1	1260.0	0.0	1260.00
		Dagarwaha	15.600	16.000	400.0	0.600	0.0	1x1	240.0	0.0	240.000
					4000.0						2400.00
	Jhansi Sagar Road (NH-276) from Km. 26.30 to Km. 18.00 {JBabina Range}	Khailar	18.000	21.200	3200.0	0.70	0.0	1x1	2240.0	0.0	2240.00
		Khailar	21.200	23.800	2600.0	0.70	0.0	1x1	1820.0	0.0	1820.00
		Khailar	23.800	26.300	2500.0	0.70	0.0	1x1	1750.0	0.0	1750.00
					8300.0						5810.00
					18300.0						13010.00
	TOTAL				58883.0						62793.00
Total Area of Protected Forest Land is										62793.00	SqM
										6.279300	Ha

Total Area of Protected Forest Land proposed for diversion is = 6.2793 Ha.


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 Construction Division
 UP Jal Nigam, Jhansi

RESERVED FOREST LAND AREA CALCULATION											
Sr. No.	Location	Village Name	Chainage No.		Distance (in Mtr.)	Width of Reserved Forest Land to be used (in Mtr.)		Trench Width	Area of Reserved Forest Land to be used (in Sq. Mtr.)		Total Reserved Forest Area (in Sq. Mtr.)
			From	To		LHS	RHS		LHS	RHS	(8+9)
									(4x5)	(4x6)	
		1	2	3	4	5	6	7	8	9	10
1	Budpura Group of Villages										
	Baruapura Block to Math Block: Baruapura Block {Jhansi Range}	Baruapura	0.000	1.565	1565.0	0.50	0.0	1x1	782.5	0.0	782.50
		Bajna	1.565	3.135	1570.0	0.50	0.0	1x1	785.0	0.0	785.00
					3135.0						1567.50
	Baruapura Block to Math Block: Math Block {Jhansi Range}	Dongri	0.000	1.500	1500.0	0.50	0.0	1x1	750.0	0.0	750.00
		Math	1.500	1.805	305.0	0.50	0.0	1x1	152.5	0.0	152.50
					1805.0						902.50
	Gugawali Block {Babina Range}	Baijpur	0.000	0.300	300.0	0.70	0.0	1x1	210.0	0.0	210.00
	Baghaura Block {Babina Range}	Baghaura	0.000	0.300	300.0	0.70	0.0	1x1	210.0	0.0	210.00
	Manpur Kurri Block {Babina Range}	Manpur	0.000	0.300	300.0	0.70	0.0	1x1	210.0	0.0	210.00
	Rasina Manpur Block {Babina Range}	Manpur	0.000	0.300	300.0	0.70	0.0	1x1	210.0	0.0	210.00
	Laharuttari Block {Babina Range}	Manpur	0.000	0.200	200.0	0.70	0.0	1x1	140.0	0.0	140.00
	Babina Van Block Khadi Church Road {Babina Range}	Babina	0.000	0.900	900.0	0.70	0.0	1x1	630.0	0.0	630.00
					2300.0						1610.00
	TOTAL				7240.0						4080.00
Total Area of Reserved Forest Land is										4080.00	SqM
										0.408000	Ha

Total Area of Reserved Forest Land proposed for diversion is = 0.408 Ha.

So, total Forest Land proposed for diversion is (6.2793 + 0.408) Ha = 6.6873 Ha.

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NON FOREST LAND AREA CALCULATION						
Sr. No.	Location	Village Name	Distance (in Mtr.)	Width of Non Forest Land to be used (in Mtr.)	Trench Size	Total Non Forest Land Area (in Sq. Mtr.)
1	Budpura Group of Villages					
	Gugawali Block	Khari	690.0	0.70	1x1	483.00
		Baijpur	515.0	0.70	1x1	360.50
	Baghaura Block	Baghaura	370.0	0.70	1x1	259.00
		Baghaura	400.0	0.70	1x1	280.00
		Baghaura	1885.0	0.70	1x1	1319.50
	Manpur Kurri Block	Manpur	674.0	0.70	1x1	471.80
	Rasina Manpur Block	Manpur	184.0	0.70	1x1	128.80
	Laharuttari Block	Manpur	370.0	0.70	1x1	259.00
	Babina Van Block Khadi Church Road	Babina	1682.0	0.70	1x1	1177.40
	Baruapura Block	Baruapura	1859.0	0.50	1x1	929.50
		Math	2142.0	0.50	1x1	1071.00
	Math Block	Dongri	1056.0	0.50	1x1	528.00
	Jhansi Lalitpur Road (NH-44)	Khailar	233.0	0.80	1x1	186.40
		Chakarpur	775.0	0.80	1x1	620.00
	Jhansi Shivpuri Road (NH-27)	Raksa	917.0	0.60	1x1	550.20
		Ullu gaon	2556.0	0.60	1x1	1533.60
		Dagarwaha	1856.0	0.60	1x1	1113.60
	TOTAL		18164.0			11271.30
Total Area of Non Forest Land is				11271.30		SqM
				1.127130		Ha

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Sr. No.	Location	Village Name	Distance (in Mtr.)	Width of Non Forest Land to be used (in Mtr.)	Trench Size	Total Non Forest Land Area (in Sq. Mtr.)
		1	2	3	4	5
2	Bachawali Group of Villages					
	Jhansi Kanpur Road	Karguwan	2860.0	1.00	1x1	2860.00
		Gharmau	5570.0	1.00	1x1	5570.00
		Gormachhiya	1160.0	1.00	1x1	1160.00
		Baragaon	2375.0	1.00	1x1	2375.00
			11965.0			11965.00
3	Gulara Group of Villages					
	Jhansi Kanpur Road (NH-27)	Chirgaon	4265.0	1.00	1x1	4265.00
		Pahari Buzurg	1930.0	1.00	1x1	1930.00
		Girari	620.0	1.00	1x1	620.00
		Dhawani	1810.0	1.00	1x1	1810.00
			8625.0			8625.00
4	Tilaitha Group of Villages					
	Jhansi - Khajuraho Road (NH-39)	Kolwan	3870.0	1.00	1x1	3870.00
		Barua Sagar	2820.0	1.00	1x1	2820.00
		Neguwan	2000.0	1.00	1x1	2000.00
			8690.0			8690.00
	TOTAL		29280.0			29280.00
Total Area of Non Forest Land is				29280.00		SqM
				2.928000		Ha

So, total Non Forest Land Area is = (1.12713 + 2.928) Ha = 4.05513 Ha
 $\approx$ 4.0551 Hectares


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