

AREA CALCULATION SHEET

Area Calculation Sheet for Proposed new 2nd line along with existing railway line between (CH. No. 7.850 to CH. No. 28.500), Karaila to Shaktinagar doubling project of East Central Railway, Forest Division: Renukoot, District: Sonbhadra (Uttar Pradesh)

FOREST LAND						
Sr. No.	Chainage No.		Length (m)	Width (m)	Area	
	From	To			(SqM)	
1	7+850	8+425	575	51.41	(575x51.41)	29560.75
2	8+425	8+725	300	(51.41+31.51)	{1/2(51.41+31.51)x300}	12438.00
3	8+725	8+800	75	(31.51+61)	{1/2(31.51+61)x75}	4333.55
4	8+800	9+150	350	(58.05+50.39)	{1/2(58.05+50.39)x350}	21185.37
5	9+150	9+200	50	(50.39+54.55)	{(50x50.39)+(1/2x54.55x50)}	3883.28
6	9+200	9+385	185	109.507	(185x109.507)	20258.84
7	9+385	9+420	35	(109.507+79.782)	{1/2(109.507+79.782)x35}	3312.56
8	9+420	9+800	380	65.31	(380x65.31)	24818.07
9	9+800	9+900	100	64.94	(100x64.94)	6494.15
10	9+900	10+050	150	102.535	(150x102.535)	15380.25
11	10+050	10+200	150	58.60	(150x58.60)	8789.79
12	10+200	10+500	300	53.12	(300x53.12)	15935.17
13	10+500	10+750	250	43.38	(250x43.38)	10845.21
14	10+750	11+450	700	45.23	(700x45.232)	31662.77
15	11+450	11+500	50	(48.01+32.37)	{1/2(48.01+32.37)x50}	2009.66
16	11+500	11+550	50	(43.9+32.37)	{1/2(43.9+32.37)x50}	1906.75
17	11+550	11+650	100	(34.74+43.9)	{1/2(34.74+43.9)x100}	3932.06
18	11+650	12+015	365	30.50	(365x30.50)	11133.08
19	12+015	12+170	155	(53.9+17.078)	{1/2(53.9+17.078)x155}	5500.85
20	12+170	12+400	230	(66.374+53.9)	{1/2(66.374+53.9)x230}	13831.52
21	12+400	12+500	100	(51.53+66.374)	{1/2(66.374+53.9)x100}	5895.24
22	12+500	12+750	250	31.02	(250x31.023)	7755.96
23	13+130	13+250	120	(78.38+82.296)	{1/2(78.38+82.296)x120}	9640.61
24	13+250	13+450	200	(49.62+58.62)	{1/2(49.62+58.62)x200}	10824.90
25	13+450	13+850	400	49.62	(400x49.62)	19848.00
26	13+850	14+800	950	54.99	(950x54.99)	52249.86
27	14+800	14+950	150	50.191	(150x50.191)	7528.71
28	14+950	15+374	424	56.28	(424x56.28)	23864.79
29	16+200	16+300	100	98.615	(100x98.615)	9861.55
30	16+526	16+600	74	98.06	(74x98.06)	7256.44
31	16+600	16+900	300	80.783	(300x80.783)	24234.79
32	16+900	17+200	300	43.276	(300x43.276)	12982.96
33	19+350	19+720	370	42.276	(370x42.276)	15642.38
34	19+720	19+900	180	47.699	(180x47.699)	8585.97
35	23+977	24+200	223	23.015	(223x23.015)	5132.37
36	24+200	24+750	550	23.052	(550x23.052)	12678.92
37	24+750	25+700	950	23.063	(950x23.063)	21909.45
38	25+700	27+100	1400	23.047	(1400x23.047)	32265.30
39	27+100	28+150	1050	23.054	(1050x23.015)	24206.01
40	28+150	28+500	350	23.208	(350x23.208)	8122.97
Total Area of Forest Land to be diverted (in SqM)						567698.86
Total Area of Forest Land to be diverted (in Ha)						56.7698


 09.10.18
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