

Area Calculation Sheet as per Approved Plan							
Protected forest land to be diverted for Doubling of Existing Railway Track from (Km No.- 1.000 to 125.000) Bhatni – Aunrihar Railway line in Forest Division -Deoria (From Km. 1.000 to 28.226) District -Deoria (Uttar Pradesh)							
Protected Forest Land Area Calculation							
Sr. No.	From (Km.No.)	To (Km.No.)	Length (m)	Width (m)		Area (Sqm)	
				LHS	RHS	LHS	RHS
1	1.00000	1.35292	352.92000	0.00	15.00	0.00	5293.80
2	1.36292	2.23847	875.55000	0.00	15.00	0.00	13133.25
3	2.24547	2.29371	48.24000	0.00	15.00	0.00	723.60
4	2.29371	2.69371	400.00000	15.00	15.00	6000.00	6000.00
5	2.69371	3.65328	959.57000	15.00	0.00	14393.55	0.00
6	3.66828	9.94731	6279.03000	15.00	0.00	94185.45	0.00
7	10.77415	11.26692	492.77000	15.00	0.00	7391.55	0.00
8	11.27392	16.15828	4884.36000	15.00	0.00	73265.40	0.00
9	16.16528	19.43161	3266.33000	15.00	0.00	48994.95	0.00
10	20.39072	23.39145	3000.73000	15.00	0.00	45010.95	0.00
11	23.39145	23.99233	600.88000	15.00	15.00	9013.20	9013.20
12	23.99233	24.57387	581.54000	0.00	15.00	0.00	8723.10
13	24.58087	27.72361	3142.74000	0.00	15.00	0.00	47141.10
Total Length in Forest Land			25885.54 m (24884.66+400.00+600.88)			100257.15	288026.25
Total Protected Forest Land Proposed for Diversion						388283 SQM	
						38.8283 Ha.	
Note: Chainage 2.29371 to 2.69371 and 23.39145 to 23.99233 land is required both side							
Non Forest Land Area Calculation							
Sr. No.	From (Km.No.)	To (Km.No.)	Length (m)	Width (m)		Area (Sqm)	
				LHS	RHS	LHS	RHS
1	1.35292	1.36292	10.00000	0.00	15.00	0.00	150.00
2	2.23847	2.24547	7.00000	0.00	15.00	0.00	105.00
3	3.65328	3.66828	15.00000	15.00	0.00	225.00	0.00
4	9.94731	10.77415	826.84000	15.00	0.00	12402.60	0.00
5	11.26692	11.27392	7.00000	15.00	0.00	105.00	0.00
6	16.15828	16.16528	7.00000	15.00	0.00	105.00	0.00
7	19.43161	20.39072	959.11000	15.00	0.00	14386.65	0.00
8	24.57387	24.58087	7.00000	0.00	15.00	0.00	105.00
9	27.72361	28.226	502.39000	0.00	15.00	0.00	7535.85
Total Length in Non Forest Land			2341.34			27224.25	7895.85
Total Non Forest Land is						35120 SQM	
						3.5120 Ha.	


 Manager/Civil
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Area Calculation Sheet as per Approved Plan							
Protected forest land to be diverted for Doubling of Existing Railway Track from (Km No.- 1.000 to 125.000) Bhatni – Aunrihar Railway line in Forest Division : Ballia (From Km. 28.226 to 52.952) District: Ballia (Uttar Pradesh)							
Protected Forest Land Area Calculation							
Sr. No.	From (Km.No.)	To (Km.No.)	Length (m)	Width (m)		Area (Sqm)	
				LHS	RHS	LHS	RHS
1	28.92725	29.75747	830.22000	0.00	15.00	0.00	12453.30
2	29.76447	32.21941	2454.94000	0.00	15.00	0.00	36824.10
3	33.14792	33.53873	390.81000	0.00	15.00	0.00	5862.15
4	33.54873	34.65584	1107.11000	0.00	15.00	0.00	16606.65
5	34.66284	36.38840	1725.56000	0.00	15.00	0.00	25883.40
6	36.38840	36.58840	200.00000	15.00	15.00	3000.00	3000.00
7	36.58840	41.42629	4837.89000	15.00	0.00	72568.35	0.00
8	41.56297	42.11950	556.53000	15.00	0.00	8347.95	0.00
9	42.12650	46.15225	4025.75000	15.00	0.00	60386.25	0.00
10	47.05690	47.30710	250.20000	15.00	0.00	3753.00	0.00
11	47.31710	48.47737	1160.27000	15.00	0.00	17404.05	0.00
12	48.49237	52.94639	4454.02000	15.00	0.00	66810.30	0.00
Total Length in Forest Land			22193.30 (21993.30+200.00)			232269.90	100629.60
Total Protected Forest Land Proposed for Diversion						332900 SQM	
						33.29 Ha.	
Note: Chainage 36.38840 to 36.58840 land is required both side							
Non Forest Land Area Calculation							
Sr. No.	From (Km.No.)	To (Km.No.)	Length (m)	Width (m)		Area (Sqm)	
				LHS	RHS	LHS	RHS
1	28.22600	28.92725	701.25000	0.00	15.00	0.00	10518.75
2	29.75747	29.76447	7.00000	0.00	15.00	0.00	105.00
3	32.21941	33.14792	928.51000	0.00	15.00	0.00	13927.65
4	33.53873	33.54873	10.00000	0.00	15.00	0.00	150.00
5	34.65584	34.66284	7.00000	0.00	15.00	0.00	105.00
6	41.42629	41.56297	136.68000	15.00	0.00	2050.20	0.00
7	42.11950	42.12650	7.00000	15.00	0.00	105.00	0.00
8	46.15225	47.05690	904.65000	15.00	0.00	13569.75	0.00
9	47.30710	47.31710	10.00000	15.00	0.00	150.00	0.00
10	48.47737	48.49237	15.00000	15.00	0.00	225.00	0.00
11	52.94639	52.95200	5.61000	15.00	0.00	84.15	0.00
Total Length in Non Forest Land			2732.70			16184.10	24806.40
Total Non Forest Land is						40990 SQM	
						4.0990 Ha.	


 Manager/Civil
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Area Calculation Sheet as per Approved Plan							
Protected forest land to be diverted for Doubling of Existing Railway Track from (Km No.- 1.000 to 125.000) Bhatni – Aunrihar Railway line in Forest Division : Mau (From Km. 52.952 to 81.874) District: Mau (Uttar Pradesh)							
Protected Forest Land Area Calculation							
Sr. No.	From (Km.No.)	To (Km.No.)	Length (m)	Width (m)		Area (Sqm)	
				LHS	RHS	LHS	RHS
1	52.95700	53.17661	219.61000	15.00	0.00	3294.15	0.00
2	53.17661	53.89782	721.21000	15.00	15.00	10818.15	10818.15
3	53.89782	56.15193	2254.11000	0.00	15.00	0.00	33811.65
4	56.15893	57.51420	1355.27000	0.00	15.00	0.00	20329.05
5	57.52920	58.97309	1443.89000	0.00	15.00	0.00	21658.35
6	68.55939	71.11238	2552.99000	15.00	0.00	38294.85	0.00
7	71.11938	73.24915	2129.77000	15.00	0.00	31946.55	0.00
8	73.30915	75.45389	2144.74000	15.00	0.00	32171.10	0.00
9	75.47689	76.56573	1088.84000	15.00	0.00	16332.60	0.00
10	76.58573	76.81000	224.27000	15.00	0.00	3364.05	0.00
11	76.81000	77.71000	900.00000	15.00	15.00	13500.00	13500.00
12	77.71000	77.92456	214.56000	15.00	0.00	3218.40	0.00
13	77.98856	78.19042	201.86000	15.00	0.00	3027.90	0.00
14	79.19326	81.83888	2645.62000	15.00	0.00	39684.30	0.00
Total Length in Forest Land			19717.95 (18096.74+721.21+900.00)			195652.10	100117.20
Total Protected Forest Land Proposed for Diversion						295769 SQM	
						29.5769 Ha.	
Note: Chainage 53.17661 to 53.89782 and 76.81000 to 77.71000 land is required both side							
Non Forest Land Area Calculation							
Sr. No.	From (Km.No.)	To (Km.No.)	Length (m)	Width (m)		Area (Sqm)	
				LHS	RHS	LHS	RHS
1	52.95200	52.95700	5.00000	15.00	0.00	75.00	0.00
2	56.15193	56.15893	7.00000	0.00	15.00	0.00	105.00
3	57.51420	57.52920	15.00000	0.00	15.00	0.00	225.00
4	58.97309	68.55939	9586.30000	0.00	0.00	Nil	Nil
5	71.11238	71.11938	7.00000	15.00	0.00	105.00	0.00
6	73.24915	73.30915	60.00000	15.00	0.00	900.00	0.00
7	75.45389	75.47689	23.00000	15.00	0.00	345.00	0.00
8	76.56573	76.58573	20.00000	15.00	0.00	300.00	0.00
9	77.92456	77.98856	64.00000	15.00	0.00	960.00	0.00
10	78.19042	79.19326	1002.84000	15.00	0.00	15042.60	0.00
11	81.83888	81.87400	35.12000	15.00	0.00	526.80	0.00
Total Length in Non Forest Land			1238.96			18254.40	330.00
Total Non Forest Land is						18584 SQM	
						1.8584 Ha.	
Note: From Chainage 58.97309 Km to 68.55939 Km is 2nd line is already constructed by North Eastern Railway, Gorakhpur therefore this Stretch is not the part of this Project.							


 Manager/Civil
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Area Calculation Sheet as per Approved Plan							
Protected forest land to be diverted for Doubling of Existing Railway Track from (Km No.- 1.000 to 125.000) Bhatni – Aunrihar Railway line in Forest Division : Ghazipur (From Km. 81.874 to 125.000) District: Ghazipur (Uttar Pradesh)							
Protected Forest Land Area Calculation							
Sr. No.	From (Km.No.)	To (Km.No.)	Length (m)	Width (m)		Area (Sqm)	
				LHS	RHS	LHS	RHS
1	81.90912	84.38938	2480.26000	15.00	0.00	37203.90	0.00
2	84.39638	88.28731	3890.93000	15.00	0.00	58363.95	0.00
3	89.07290	89.52303	450.13000	15.00	0.00	6751.95	0.00
4	89.53003	93.03420	3504.17000	15.00	0.00	52562.55	0.00
5	93.09420	96.85717	3762.97000	15.00	0.00	56444.55	0.00
6	97.64911	100.21589	2566.78000	15.00	0.00	38501.70	0.00
7	100.24089	104.49020	4249.31000	15.00	0.00	63739.65	0.00
8	104.52020	104.98231	462.11000	15.00	0.00	6931.65	0.00
9	105.01231	106.41904	1406.73000	15.00	0.00	21100.95	0.00
10	106.42604	106.52698	100.94000	15.00	0.00	1514.10	0.00
11	107.33715	107.48706	149.91000	15.00	0.00	2248.65	0.00
12	107.49406	112.49975	5005.69000	15.00	0.00	75085.35	0.00
13	112.50675	116.38967	3882.92000	15.00	0.00	58243.80	0.00
14	117.18683	118.62815	1441.32000	15.00	0.00	21619.80	0.00
15	118.64815	120.55219	1904.04000	15.00	0.00	28560.60	0.00
16	120.55219	121.08666	534.47000	15.00	15.00	8017.05	8017.05
17	121.08666	122.03783	951.17000	15.00	0.00	14267.55	0.00
18	122.04483	124.15176	2106.93000	15.00	0.00	31603.95	0.00
19	124.15176	124.70654	554.78000	15.00	15.00	8321.70	8321.70
20	124.70654	125.00000	293.46000	0.00	15.00	0.00	4401.90
Total Length in Forest Land			40788.27m (40490.72+297.55)			591083.40	20740.65
Total Protected Forest Land Proposed for Diversion						611824 SQM	
						61.1824 Ha.	
Note: Chainage 120.55219 to 121.08666 and 124.15176 to 124.70654 land is required both side							


 Manager/Civil
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Protected forest land to be diverted for Doubling of Existing Railway Track from (Km No.- 1.000 to 125.000) Bhatni – Aunrihar Railway line in Forest Division : Ghazipur (From Km. 81.874 to 125.000) District: Ghazipur (Uttar Pradesh)							
Non Forest Land Area Calculation							
Sr. No.	From (Km.No.)	To (Km.No.)	Length (m)	Width (m)		Area (Sqm)	
				LHS	RHS	LHS	RHS
1	81.87400	81.90912	35.12000	0.00	15.00	0.00	526.80
2	84.38938	84.39638	7.00000	0.00	15.00	0.00	105.00
3	88.28731	89.07290	785.59000	0.00	15.00	0.00	11783.85
4	89.52303	89.53003	7.00000	0.00	15.00	0.00	105.00
5	93.03420	93.09420	60.00000	0.00	15.00	0.00	900.00
6	96.85717	97.64911	791.94000	0.00	15.00	0.00	11879.10
7	100.21589	100.24089	25.00000	0.00	15.00	0.00	375.00
8	104.49020	104.52020	30.00000	0.00	15.00	0.00	450.00
9	104.98231	105.01231	30.00000	0.00	15.00	0.00	450.00
10	106.41904	106.42604	7.00000	0.00	15.00	0.00	105.00
11	106.52698	107.33715	810.17000	0.00	15.00	0.00	12152.55
12	107.48706	107.49406	7.00000	0.00	15.00	0.00	105.00
13	112.49975	112.50675	7.00000	0.00	15.00	0.00	105.00
14	116.38967	117.18683	797.16000	0.00	15.00	0.00	11957.40
15	118.62815	118.64815	20.00000	0.00	15.00	0.00	300.00
16	122.03783	122.04483	7.00000	15.00	0.00	105.00	0.00
Total Length in Non Forest Land			3426.98 m			105.00	51299.70
Total Non Forest Land is						51405 SQM	
						5.1405 Ha.	


 Manager/Civil
 RVNL / BSR