

Economic Internal Rate of Return (EIRR)

(Rs. Million)

Year		Cost				Benefit						B-C
		Capital	O&M	Replace	Total	Forest Production	Prevention of Soil Erosion	IGA	Eco-tourism	CO2 Reduction	Total	
1	2018	148.6			148.6	0.0	0.0	0.0	0.0	0.0	0.0	-148.6
2	2019	666.1			666.1	0.0	0.0	8.9	0.0	0.0	8.9	-657.2
3	2020	783.3			783.3	0.0	38.3	38.3	0.0	0.0	76.6	-706.8
4	2021	797.4			797.4	0.0	113.1	82.3	0.0	15.2	210.6	-586.8
5	2022	820.8			820.8	0.0	188.0	132.3	4.0	30.3	354.6	-466.2
6	2023	830.0			830.0	0.0	224.5	173.3	8.0	45.5	451.4	-378.6
7	2024	757.5			757.5	0.0	224.5	190.9	12.0	60.7	488.1	-269.4
8	2025	639.6			639.6	18.6	224.5	193.9	12.0	75.8	524.8	-114.8
9	2026	589.1			589.1	163.4	224.5	196.9	12.0	91.0	687.8	98.8
10	2027	476.6			476.6	186.3	224.5	199.9	12.0	106.2	728.9	252.3
11	2028	102.3			102.3	190.1	224.5	199.9	12.0	121.3	747.8	645.5
12	2029		60.6	0.0	60.6	148.7	224.5	199.9	12.0	136.5	721.6	661.1
13	2030		43.6	0.0	43.6	154.3	224.5	199.9	12.0	151.6	742.4	698.8
14	2031		60.6	0.0	60.6	245.2	224.5	199.9	12.0	166.8	848.4	787.9
15	2032		43.6	0.0	43.6	254.5	224.5	199.9	12.0	182.0	872.9	829.3
16	2033		60.6	0.0	60.6	284.8	224.5	199.9	12.0	197.1	918.4	857.8
17	2034		43.6	0.0	43.6	228.0	224.5	199.9	12.0	212.3	876.7	833.1
18	2035		60.6	0.0	60.6	1,999.3	224.5	199.9	12.0	227.5	2,663.1	2,602.6
19	2036		43.6	0.0	43.6	2,180.3	224.5	199.9	12.0	227.5	2,844.2	2,800.6
20	2037		60.6	0.0	60.6	2,199.5	224.5	199.9	12.0	227.5	2,863.4	2,802.8
21	2038		43.6	0.0	43.6	447.5	224.5	199.9	12.0	227.5	1,111.4	1,067.8
22	2039		60.6	0.0	60.6	285.7	224.5	199.9	12.0	227.5	949.6	889.0
23	2040		40.7	48.4	89.1	285.7	224.5	199.9	12.0	227.5	949.6	860.5
24	2041		58.6	50.3	109.0	369.2	224.5	199.9	12.0	227.5	1,033.0	924.1
25	2042		42.7	46.4	89.1	369.2	224.5	199.9	12.0	227.5	1,033.0	944.0
26	2043		60.6	0.0	60.6	369.2	224.5	199.9	12.0	227.5	1,033.0	972.5
27	2044		2.9	47.2	50.1	304.9	224.5	199.9	12.0	227.5	968.8	918.7
28	2045		2.9	154.2	157.1	304.9	224.5	199.9	12.0	227.5	968.8	811.7
29	2046		8.2	306.6	314.8	369.2	224.5	199.9	12.0	227.5	1,033.0	718.2
30	2047		8.0	491.8	499.8	369.2	224.5	199.9	12.0	227.5	1,033.0	533.2
31	2048		32.1	629.9	662.0	369.2	224.5	199.9	12.0	227.5	1,033.0	371.0
32	2049		28.3	298.0	326.3	304.9	224.5	199.9	12.0	227.5	968.8	642.5
33	2050		58.1	0.0	58.1	2,477.4	224.5	199.9	12.0	227.5	3,141.3	3,083.2
34	2051		43.6	0.0	43.6	2,686.5	224.5	199.9	12.0	227.5	3,350.4	3,306.7
35	2052		60.6	0.0	60.6	2,686.5	224.5	199.9	12.0	227.5	3,350.4	3,289.8
36	2053		43.6	0.0	43.6	514.0	224.5	199.9	12.0	227.5	1,177.9	1,134.3
37	2054		60.6	0.0	60.6	304.9	224.5	199.9	12.0	227.5	968.8	908.2
38	2055		43.6	0.0	43.6	304.9	224.5	199.9	12.0	227.5	968.8	925.2
39	2056		60.6	0.0	60.6	369.2	224.5	199.9	12.0	227.5	1,033.0	972.5
40	2057		43.6	0.0	43.6	369.2	224.5	199.9	12.0	227.5	1,033.0	989.4
41	2058		60.6	0.0	60.6	369.2	224.5	199.9	12.0	227.5	1,033.0	972.5
42	2059		43.6	0.0	43.6	304.9	224.5	199.9	12.0	227.5	968.8	925.2
43	2060		60.6	0.0	60.6	304.9	224.5	199.9	12.0	227.5	968.8	908.2
44	2061		43.6	0.0	43.6	369.2	224.5	199.9	12.0	227.5	1,033.0	989.4
45	2062		57.7	48.4	106.0	369.2	224.5	199.9	12.0	227.5	1,033.0	927.0
46	2063		41.7	50.3	92.0	369.2	224.5	199.9	12.0	227.5	1,033.0	941.0
47	2064		59.6	46.4	106.1	304.9	224.5	199.9	12.0	227.5	968.8	862.7
48	2065		43.6	0.0	43.6	304.9	224.5	199.9	12.0	227.5	968.8	925.2
49	2066		60.6	0.0	60.6	369.2	224.5	199.9	12.0	227.5	1,033.0	972.5
50	2067		43.6	0.0	43.6	369.2	224.5	199.9	12.0	227.5	1,033.0	989.4

EIRR= 14.5%
NPV= 886.9
B/C= 1.23

Discount Rate= 12%