

Final Abstract

Annexure-

Sl No.	Type of Species	Name of Species	30 to 59 CM		60 to 89 CM		90 to 119 CM		120m to 149 CM		150 to 179 CM		180 CM and above		Total		G. Total
			N	D	N	D	N	D	N	D	N	D	N	D	N	D	
1	Special Category	Teak	99	25	24	10	8	1	0	0	0	0	0	0	131	36	167
1	1st Class	Total Spl Class	99	25	24	10	8	1	0	0	0	0	0	0	131	36	167
2	Category	Sal	216	10	49	8	7	1	2	0	0	0	3	0	277	19	296
		Pia-Sal	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
		Bandhan	0	0	1	1	1	1	0	0	0	0	0	0	2	2	2
		Kuruma	3	0	8	1	5	0	2	0	0	0	1	0	2	3	5
		Champa	1	0	1	1	0	0	0	0	0	0	0	0	19	1	20
3		Ghambhar	7	1	6	0	3	0	2	0	1	1	0	0	3	3	6
		Total 1st Class	227	11	67	11	16	2	6	2	1	1	1	0	20	1	21
1	2nd Class Category	Asana	4	2	4	1	0	0	0	0	0	0	0	0	323	27	350
2		Mango	29	6	56	10	45	8	29	8	29	3	35	8	223	43	266
3		Jamun	5	0	12	1	8	0	9	3	5	0	4	1	43	5	48
4		Kendu	1	1	1	0	1	1	0	0	0	0	0	0	3	2	5
5		Kali-Kendu	5	0	5	1	0	0	0	0	0	0	0	0	10	2	12
		Mit-Kendu	11	0	1	0	0	0	0	0	0	0	0	0	14	4	18
6		Kasi	1	0	2	1	0	0	1	1	1	0	0	1	5	1	6
		Panasa	8	0	10	1	6	2	10	4	5	1	1	0	49	11	60
		Total 2nd Class	64	9	91	15	60	13	49	16	41	5	50	13	355	71	426
1	3rd Class Category	Accacia	3	2	10	2	3	2	1	2	1	0	0	0	18	8	26
2		Ambada	4	0	14	0	6	1	1	1	0	0	0	0	25	2	27
3		Amla	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4		Ankulo	6	7	9	3	2	2	1	1	1	0	0	0	2	0	2
		Misc.	340	63	370	112	291	105	206	74	93	43	154	77	1454	474	1928
		Total 3rd Class	354	72	403	117	302	110	209	78	95	43	154	77	1517	497	2014
		Grand Total	744	117	585	153	386	126	264	96	138	49	209	90	2326	631	2957

Below 30 Cm girth- 1150 nos.

No of Units. = 1343.32 units

Approximate additional Firewood. = 5 Truck load

Annexure-
 Proposal for diversion of 87.09 ha. Land recorded as forest as on/after 25th October 1980 inside the 1321.45 Ha (5.10 sq miles ML) of Bolani Ore Mines by M/s SAIL
 (Virgin non-forest land recorded as forest as on 25.10.1980 over 37.69 ha)

Sl No.	Type of Species	Name of Species	30 to 59 CM		60 to 89 Cm		90 to 119 Cm		120m to 149 Cm		150 to 179 Cm		180 Cm and above		Total		G. Total
			N	D	N	D	N	D	N	D	N	D	N	D	N	D	
1	Special Category	Teak	38	23	14	8	1	0	0	0	0	0	0	0	53	31	84
		Total Spl Class	38	23	14	8	1	0	0	0	0	0	0	0	53	31	84
1	1st Class Category	Sal	122	8	47	7	4	1	1	0	0	0	0	0	53	31	84
2		Pia-Sal	0	0	2	0	0	0	0	0	0	0	0	0	174	16	190
3		Ghanbhar	1	1	0	0	1	0	0	0	0	0	0	0	2	0	2
		Total 1st Class	123	9	49	7	5	1	1	0	0	0	0	0	2	1	3
1	2nd Class Category	Asana	4	2	2	0	0	0	0	0	0	0	0	0	178	17	195
2		Mango	0	0	1	0	0	0	0	0	0	0	0	0	6	2	8
3		Jamun	0	0	0	0	0	0	0	0	0	0	0	0	1	1	3
4		Kendu	1	0	0	0	0	0	0	0	0	0	1	0	1	0	1
5		Mit-Kendu	1	0	0	0	0	0	0	0	0	0	0	0	1	0	1
6		Panasa	0	0	1	0	0	1	0	0	0	0	0	0	1	1	2
		Total 2nd Class	6	2	4	0	0	1	0	0	0	0	0	0	1	1	2
1	3rd Class Category	Accacia	1	1	0	0	0	1	0	0	0	0	2	1	12	4	16
2		Ambada	0	0	3	0	0	0	0	0	0	0	0	0	1	1	2
3		Amla	0	0	0	0	0	0	0	0	0	0	0	0	4	0	4
4		Ankulo	1	1	0	0	0	0	1	0	0	0	0	0	1	0	1
5		Misc.	26	2	36	6	23	1	7	1	2	0	0	0	1	1	2
		Total 3rd Class	28	4	39	6	23	1	9	1	2	2	2	2	108	22	130
		Grand Total	195	38	106	21	29	3	10	1	2	2	16	11	358	76	434

Below 30 Cm girth- 670 nos.

Divisional Forest Officer,
 Keonjhar Division

101

Annexure- Proposal for diversion of 87.09 ha. Land recorded as forest as on/after 25th October 1980 inside the 1321.45 Ha (5.10 sq miles ML) of Bolani Ore Mines by M/s SAIL.

Sl No.	Type of Species	Name of Species	30 to 59 CM		60 to 89 CM		90 to 119 CM		120m to 149 CM		150 to 179 CM		180 CM and above		Total		G. Total
			N	D	N	D	N	D	N	D	N	D	N	D	N	D	
1	Special Category	Teak	61	2	10	2	7	1	0	0	0	0	0	0	78	5	83
		Total Spl Class	61	2	10	2	7	1	0	0	0	0	0	0	78	5	83
1	Ist Class	Sal	94	2	2	1	3	0	1	0	0	0	3	0	103	3	106
2	Category	Bandhan	0	0	1	1	1	0	0	1	0	0	0	0	2	3	5
		Kuruma	3	0	8	1	5	0	2	0	0	0	1	0	19	1	20
		Champa	1	0	1	1	0	0	0	1	1	0	0	0	3	3	6
3		Ghambar	6	0	6	0	2	0	2	0	1	1	0	0	18	0	18
		Total Ist Class	104	2	18	4	11	1	5	2	2	1	1	0	145	10	155
1	2nd Class	Asana	0	0	2	1	0	0	0	0	0	0	0	0	2	1	3
2	Category	Mango	29	6	55	10	45	8	29	8	29	3	34	7	221	42	263
3		Jamun	5	0	12	1	8	0	9	3	5	0	3	1	42	5	47
4		Kendu	0	1	1	0	1	1	0	0	0	0	0	0	2	2	4
		Kali-Kendu	5	0	5	1	0	0	0	0	0	1	0	0	10	2	12
5		Mit-Kendu	10	0	1	0	0	1	1	1	1	0	0	0	13	3	16
6		Kasi	1	0	2	1	0	0	0	0	0	0	0	0	5	1	6
		Panasa	8	0	9	1	6	2	10	4	5	1	10	3	48	11	59
		Total 2nd Class	58	7	87	15	60	12	49	16	41	5	48	12	343	67	410
1	3rd Class	Accacia	2	1	10	2	3	2	1	2	1	0	0	0	17	12	29
2	Category	Ambada	4	0	11	0	6	1	0	1	0	0	0	0	21	7	24
3		Amia	1	0	0	0	0	0	0	0	0	0	0	0	1	0	1
4		Ankulo	5	6	9	3	2	2	0	1	1	0	0	0	17	12	29
		Misc.	314	61	334	106	268	104	199	73	91	41	140	67	1346	452	1798
		Total 3rd Class	326	68	364	111	279	109	200	77	93	41	140	67	1402	473	1875
		Grand Total	549	79	479	132	357	123	254	95	136	47	193	79	1968	555	2523

Below 30 Cm girth- 480 nos.

Divisional Forest Officer,
Keonjhar Division

CALCULATION OF UNIT VALUE OF TIMBER

Proposal for diversion of 87.09 ha. Land recorded as forest as on/after 25th October 1980 inside the 1321.45 Ha (5.10 sq miles ML) of Bolani Ore Mines by M/s SAIL

Girth / Class**Spl. Class**

		Sound					Unsound			
Under 60 cm	99	X	0.50	=	49.50		25	X	0.25	= 6.25
60 cm to U/90 cm	24	X	1.00	=	24.00		10	X	0.50	= 5.00
90 cm to U/120 cm	8	X	2.00	=	16.00		1	X	1.00	= 1.00
120 cm to U/150 cm	0	X	4.00	=	0.00		0	X	2.00	= 0.00
150 cm to U/180 cm	0	X	8.00	=	0.00		0	X	4.00	= 0.00
180 cm and Above	0	X	12.00	=	0.00		0	X	6.00	= 0.00
	131			=	89.50		36			= 12.25

1st. Class

		Sound					Unsound			
Under 60 cm	227	X	0.25	=	56.75		11	X	0.12	= 1.32
60 cm to U/90 cm	67	X	0.50	=	33.50		11	X	0.25	= 2.75
90 cm to U/120 cm	16	X	1.00	=	16.00		2	X	0.50	= 1.00
120 cm to U/150 cm	6	X	2.00	=	12.00		2	X	1.00	= 2.00
150 cm to U/180 cm	2	X	4.00	=	8.00		1	X	2.00	= 2.00
180 cm and Above	5	X	6.00	=	30.00		0	X	3.00	= 0.00
	323			=	156.25		27			= 9.07

2nd. Class

		Sound					Unsound			
Under 60 cm	64	X	0.12	=	7.68		9	X	0.06	= 0.54
60 cm to U/90 cm	91	X	0.25	=	22.75		15	X	0.12	= 1.80
90 cm to U/120 cm	60	X	0.50	=	30.00		13	X	0.25	= 3.25
120 cm to U/150 cm	49	X	1.00	=	49.00		16	X	0.50	= 8.00
150 cm to U/180 cm	41	X	2.00	=	82.00		5	X	1.00	= 5.00
180 cm and Above	50	X	3.00	=	150.00		13	X	1.50	= 19.50
	355			=	341.43		71			= 38.09

3rd. Class

		Sound					Unsound			
Under 60 cm	354	X	0.06	=	21.24		72	X	0.03	= 2.16
60 cm to U/90 cm	403	X	0.12	=	48.36		117	X	0.06	= 7.02
90 cm to U/120 cm	302	X	0.25	=	75.50		110	X	0.12	= 13.20
120 cm to U/150 cm	209	X	0.50	=	104.50		78	X	0.25	= 19.50
150 cm to U/180 cm	95	X	1.00	=	95.00		43	X	0.50	= 21.50
180 cm and Above	154	X	1.50	=	231.00		77	X	0.75	= 57.75
	1517			=	575.60		497			= 121.13

Total Sound = 2326 Nos = 1162.78 Unit

Total Unsound = 631 Nos = 180.54 Unit

TOTAL 2957 Nos = 1343.32 Unit

Divisional Forest Officer,
Keonjhar Division.