

Bolani Ore Mines (6.90 Sq. Miles) of M/s Steel Authority of India Limited
 Detailed Tree Enumeration over 14.50 ha virgin and 109.813 ha broken up area within 124.313 ha land recorded as forest as on / after 25.10.1980

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	Sisoo	1	0	1	0	32	0	2	0	5	0	0	0	2	0	2
2	Category	Teak	1	0	1	0	32	0	20	1	5	0	0	0	59	1	60
		Total Spl Class	1	0	1	0	32	0	22	1	5	0	0	0	61	1	62
1	1st Class Category	Sal	2	0	5	0	46	1	38	2	12	6	51	5	154	14	168
2	Category	Pia-Sal	0	0	0	0	0	0	1	1	0	0	0	0	1	1	2
3		Champa	3	0	1	2	4	0	2	0	2	0	1	3	13	5	18
4		Gambhari	0	0	0	0	1	0	9	0	2	0	0	0	12	0	12
5		Kuruma	1	0	0	0	2	0	0	0	2	0	0	0	5	0	5
		Total 1st Class	6	0	6	2	53	1	50	3	18	6	52	8	185	20	205
1	2nd Class Category	Asan	0	0	0	0	19	0	7	0	3	0	0	0	29	0	29
2	Category	Jamu	0	2	0	0	4	0	4	0	6	0	2	2	16	4	20
3		Panasa	4	0	0	0	12	0	12	0	12	2	2	4	42	6	48
4		Kendu	2	0	0	2	2	0	9	5	0	2	2	0	15	9	24
5		Mango (Amba)	8	2	9	1	34	4	46	4	25	4	19	4	141	19	160
		Total 2nd Class	14	4	9	3	71	4	78	9	46	8	25	10	243	38	281
1	3rd Class Category	Misc. Species	50	8	36	4	172	30	212	39	122	36	83	19	675	136	811
		Total 3rd Class	50	8	36	4	172	30	212	39	122	36	83	19	675	136	811
		Grand Total	71	12	52	9	328	35	362	52	191	50	160	37	1164	195	1359

Below 30 Cm girth- 1080 nos.
 No of Units. = 1250.12 units
 Approximate additional Firewood. = 130 Truck load

Divisional Forest Officer,
 Keonjhar Division
 Divisional Forest Officer,
 Keonjhar Division

Bolani Ore Mines (6.90 Sq. Miles) of M/s Steel Authority of India Limited

Detailed Tree Enumeration over 14.50 ha virgin area within 124.313 ha Non-forest land recorded as forest as on / after 25.10.1980

Sl No.	Type of Species	Name of Species	30 to 59 CM		60 to 89 Cm		90 to 119 Cm		120m to 149		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	Sisoo													0	0	0
2	Category	Teak	0	0	0	0	5	0	2	0	0	0	0	0	7	0	7
		Total Spl Class	0	0	0	0	5	0	2	0	0	0	0	0	7	0	7
1	1st Class	Sal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Category	Pia-Sal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3		Champa	1	0	0	0	2	0	1	0	1	0	0	0	5	0	5
4		Gambhari	0	0	0	0	0	0	4	0	1	0	0	0	5	0	5
5		Kuruma	0	0	0	0	1	0	0	0	1	0	0	0	2	0	2
		Total 1st Class	1	0	0	0	3	0	5	0	3	0	0	0	12	0	12
1	2nd Class Category	Asan	0	0	0	0	4	0	0	0	1	0	0	0	5	0	5
2		Jamu	0	1	0	0	2	0	2	0	3	0	1	1	8	2	10
3		Panasa	2	0	0	0	6	0	6	0	6	1	1	2	21	3	24
4		Kendu	1	0	0	1	1	0	4	2	0	1	1	0	7	4	11
5		Mango (Amba)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Total 2nd Class	3	1	0	1	13	0	12	2	10	2	3	3	41	9	50
1	3rd Class	Misc. Species	9	1	7	0	39	10	46	10	27	11	16	3	144	35	179
		Total 3rd Class	9	1	7	0	39	10	46	10	27	11	16	3	144	35	179
		Grand Total	13	2	7	1	60	10	65	12	40	13	19	6	204	44	248

Divisional Forest Officer,
 Keonjhar Division
 Divisional Forest Officer,
 Keonjhar Division

Bolani Ore Mines (6.90 Sq. Miles) of M/s Steel Authority of India Limited
Annexure- 3
Detailed Tree Enumeration over 109.813 ha broken up area within 124.313 ha Non-forest and recorded as forest as on / after 25.10.1980

Sl No.	Type of Species	Name of Species	30 to 59 CM		60 to 89 Cm		90 to 119		120m to 149		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	Sisoo													2	0	2
2	Category	Teak	1		1		27	0	18	1	5	0	0		52	1	53
		Total Spl Class	1	0	1	0	27	0	20	1	5	0	0	0	54	1	55
1	1st Class	Sal	2	0	5	0	46	1	38	2	12	6	51	5	154	14	168
2	Category	Pia-Sal	0	0	0	0	0	0	1	1	0	0	0	0	1	1	2
3		Champa	2	0	1	2	2	0	1	0	1	0	1	3	8	5	13
4		Gambhari	0	0	0	0	1	0	5	0	1	0	0	0	7	0	7
5		Kuruma	1	0	0	0	1	0	0	0	1	0	0	0	3	0	3
		Total 1st Class	5	0	6	2	50	1	45	3	15	6	52	8	173	20	193
1	2nd Class	Asan	0	0	0	0	15	0	7	0	2	0	0	0	24	0	24
2	Category	Jamu	0	1	0	0	2	0	2	0	3	0	1	1	8	2	10
3		Panasa	2	0	0	0	6	0	6	0	6	1	1	2	21	3	24
4		Kendu	1	0	0	1	1	0	5	3	0	1	1	0	8	5	13
5		Mango (Amba)	8	2	9	1	34	4	46	4	25	4	19	4	141	19	160
		Total 2nd Class	11	3	9	2	58	4	66	7	36	6	22	7	202	29	231
1	3rd Class	Misc. Species	41	7	29	4	133	20	166	29	95	25	67	16	531	101	632
		Total 3rd Class	41	7	29	4	133	20	166	29	95	25	67	16	531	101	632
		Grand Total	58	10	45	8	268	25	297	40	151	37	141	31	960	151	1111

Divisional Forest Officer,
Keonjhar Division
Divisional Forest Officer,
Keonjhar Division

CALCULATION OF UNIT VALUE OF TIMBER

Detailed Tree Enumeration over 14.50 ha virgin and 109.813 ha broken up area within 124.313 ha land recorded as forest as on / after 25.10.1980

Bolani Ore Mines (6.90 Sq. Miles) of M/s Steel Authority of India Limited

Girth / Class

Spl. Class

	Sound				
Under 60 cm	1	X	0.50	=	1.20
60 cm to U/90 cm	1	X	1.00	=	0.00
90 cm to U/120 cm	32	X	2.00	=	2.00
120 cm to U/150 cm	22	X	4.00	=	0.00
150 cm to U/180 cm	5	X	8.00	=	0.00
180 cm and Above	0	X	12.00	=	0.00
	61			=	3.20

	Unsound				
	0	X	0.25	=	1.50
	0	X	0.50	=	0.50
	0	X	1.00	=	0.00
	1	X	2.00	=	0.00
	0	X	4.00	=	0.00
	0	X	6.00	=	0.00
	1			=	2.00

1st. Class

	Sound				
Under 60 cm	6	X	0.25	=	4.25
60 cm to U/90 cm	6	X	0.50	=	42.50
90 cm to U/120 cm	53	X	1.00	=	49.00
120 cm to U/150 cm	50	X	2.00	=	30.00
150 cm to U/180 cm	18	X	4.00	=	12.00
180 cm and Above	52	X	6.00	=	0.00
	185			=	137.75

	Unsound				
	0	X	0.12	=	317.40
	2	X	0.25	=	168.50
	1	X	0.50	=	52.00
	3	X	1.00	=	14.00
	6	X	2.00	=	6.00
	8	X	3.00	=	0.00
	20			=	557.90

2nd. Class

	Sound				
Under 60 cm	14	X	0.12	=	1.20
60 cm to U/90 cm	9	X	0.25	=	3.50
90 cm to U/120 cm	71	X	0.50	=	3.00
120 cm to U/150 cm	78	X	1.00	=	4.00
150 cm to U/180 cm	46	X	2.00	=	6.00
180 cm and Above	25	X	3.00	=	24.00
	243			=	41.70

	Unsound				
	4	X	0.06	=	125.88
	3	X	0.12	=	28.68
	4	X	0.25	=	14.75
	9	X	0.50	=	10.00
	8	X	1.00	=	12.00
	10	X	1.50	=	22.50
	38			=	213.81

3rd. Class

	Sound				
Under 60 cm	50	X	0.06	=	1.50
60 cm to U/90 cm	36	X	0.12	=	2.52
90 cm to U/120 cm	172	X	0.25	=	2.75
120 cm to U/150 cm	212	X	0.50	=	3.50
150 cm to U/180 cm	122	X	1.00	=	5.00
180 cm and Above	83	X	1.50	=	16.50
	675			=	31.77

	Unsound				
	8	X	0.03	=	136.11
	4	X	0.06	=	47.28
	30	X	0.12	=	24.60
	39	X	0.25	=	13.25
	36	X	0.50	=	16.00
	19	X	0.75	=	24.75
	136			=	261.99

Total Sound = 1164 Nos = 214.42 Unit

Total Unsound = 195 Nos = 1035.70 Unit

TOTAL 1359 Nos = 1250.12 Unit

Divisional Forest Officer,
Keonjhar Division.
Divisional Forest Officer,
Keonjhar Division