

ANNEXURE - XXXIV

Species wise and diameter class wise abstract of trees enumerated over 160.838 ha. non-forest land recorded as forest as on 25.10.1980 within mining lease of Katamati Iron Ore Mines of M/s Tata Steel Ltd

SPECIES / Girth	30 cm to 59 cm		60 cm to 89 cm		90 cm to 119 cm		120 cm to 149 cm		150 cm to 179 cm		180 cm & Above		TOTAL		Grand Total
	Sound	Unsound	Sound	Unsound	Sound	Unsound	Sound	Unsound	Sound	Unsound	Sound	Unsound	Sound	Unsound	
Sisoo	7	2	6	3	5	0	1	0	0	0	0	0	19	5	24
Khair	1	2	3	0	0	0	0	0	0	0	0	0	4	2	6
<b>Spl. Class</b>	<b>8</b>	<b>4</b>	<b>9</b>	<b>3</b>	<b>5</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>23</b>	<b>7</b>	<b>30</b>
Sal	42	66	11	44	1	6	1	1	0	0	0	0	55	117	172
Pia Sala (Bija)	19	16	18	14	3	3	0	0	0	1	0	0	40	34	74
Gambari	4	1	1	1	0	1	0	0	0	0	0	0	5	3	8
Kurum	25	39	6	28	2	9		1		1	1	1	34	79	113
Bandhan	8	1	6		0	1	0	0	0	0	0	0	14	2	16
<b>1st Class</b>	<b>98</b>	<b>123</b>	<b>42</b>	<b>87</b>	<b>6</b>	<b>20</b>	<b>1</b>	<b>2</b>	<b>0</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>148</b>	<b>235</b>	<b>383</b>
Assan	11	5	4	1	1	0	0	1	0	0	0	0	16	7	23
Jamu	7	5	4	3	1	1	2		2				16	8	24
Kasi	2	4	3	5	0	1	0	1	0	0	0	0	5	11	16
Kendu	69	15	24	6	5	3	0	0	2	0	3	0	103	24	127
<b>2nd Class</b>	<b>89</b>	<b>29</b>	<b>35</b>	<b>15</b>	<b>7</b>	<b>4</b>	<b>2</b>	<b>2</b>	<b>4</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>140</b>	<b>50</b>	<b>190</b>
Misc	745	308	430	159	145	70	30	20	14	8	13	9	1377	574	1951
<b>3rd Class</b>	<b>745</b>	<b>308</b>	<b>430</b>	<b>159</b>	<b>145</b>	<b>70</b>	<b>30</b>	<b>20</b>	<b>14</b>	<b>8</b>	<b>13</b>	<b>9</b>	<b>1377</b>	<b>574</b>	<b>1951</b>
<b>TOTAL</b>	<b>940</b>	<b>464</b>	<b>516</b>	<b>264</b>	<b>163</b>	<b>94</b>	<b>34</b>	<b>24</b>	<b>18</b>	<b>10</b>	<b>17</b>	<b>10</b>	<b>1688</b>	<b>866</b>	<b>2554</b>

No of Units. = 446.10 units

Trees below 30 cms. girth = 4086 Nos.

Quantum of Forest Produce from the Forest Land involved in the virgin forest area.

- i. Total nos. of units = 446.10 units
- ii) Approximate additional Firewood. = 45 Truck load
- iii) Trees below 30 cms. Girth. = 4086 Nos. = 40 Truck load
- (iii) Value of Minor Forest Produce in lumpsum = Rs.5,00,000/-

Divisional Forest Officer,  
Keonjhar Division.

**CALCULATION OF UNIT VALUE OF TIMBER**

**Tree enumeration over 160.838 ha. non-forest land recorded as forest as on 25.10.1980 within mining lease of Katamati Iron Ore Mines of M/s Tata Steel Ltd**

<b>Girth / Class</b>											
<b>Spl. Class</b>	<b>Sound</b>					<b>Unsound</b>					
Under 60 cm	8	x	0.50	=	4.00	4	x	0.25	=	1	
60 cm to U/90 cm	9	x	1.00	=	9.00	3	x	0.50	=	1.5	
90 cm to U/120 cm	5	x	2.00	=	10.00	0	x	1.00	=	0	
120 cm to U/150 cm	1	x	4.00	=	4.00	0	x	2.00	=	0	
150 cm to U/180 cm	0	x	8.00	=	0.00	0	x	4.00	=	0	
180 cm and Above	0	x	12.00	=	0.00	0	x	6.00	=	0	
	<b>23</b>			=	<b>27.00</b>	<b>7</b>			=	<b>2.5</b>	
<b>1st. Class</b>	<b>Sound</b>					<b>Unsound</b>					
Under 60 cm	98	X	0.25	=	24.50	123	X	0.12	=	14.76	
60 cm to U/90 cm	42	X	0.50	=	21.00	87	X	0.25	=	21.75	
90 cm to U/120 cm	6	X	1.00	=	6.00	20	X	0.50	=	10.00	
120 cm to U/150 cm	1	X	2.00	=	2.00	2	X	1.00	=	2.00	
150 cm to U/180 cm	0	X	4.00	=	0.00	2	X	2.00	=	4.00	
180 cm and Above	1	X	6.00	=	6.00	1	X	3.00	=	3.00	
	<b>148</b>			=	<b>59.50</b>	<b>235</b>			=	<b>55.51</b>	
<b>2nd. Class</b>	<b>Sound</b>					<b>Unsound</b>					
Under 60 cm	89	X	0.12	=	10.68	29	X	0.06	=	1.74	
60 cm to U/90 cm	35	X	0.25	=	8.75	15	X	0.12	=	1.80	
90 cm to U/120 cm	7	X	0.50	=	3.50	4	X	0.25	=	1.00	
120 cm to U/150 cm	2	X	1.00	=	2.00	2	X	0.50	=	1.00	
150 cm to U/180 cm	4	X	2.00	=	8.00	0	X	1.00	=	0.00	
180 cm and Above	3	X	3.00	=	9.00	0	X	1.50	=	0.00	
	<b>140</b>			=	<b>41.93</b>	<b>50</b>			=	<b>5.54</b>	
<b>3rd. Class</b>	<b>Sound</b>					<b>Unsound</b>					
Under 60 cm	745	X	0.06	=	44.70	308	X	0.03	=	25.98	
60 cm to U/90 cm	430	X	0.12	=	51.60	159	X	0.06	=	9.54	
90 cm to U/120 cm	145	X	0.25	=	36.25	70	X	0.12	=	16.80	
120 cm to U/150 cm	30	X	0.50	=	15.00	20	X	0.25	=	9.50	
150 cm to U/180 cm	14	X	1.00	=	14.00	8	X	0.50	=	7.50	
180 cm and Above	13	X	1.50	=	19.50	9	X	0.75	=	3.75	
	<b>1377</b>			=	<b>181.05</b>	<b>574</b>			=	<b>73.07</b>	
	Total Sound =				1688	Nos =	309.48	Unit			
	Total Unsound =				866	Nos =	136.62	Unit			
	<b>TOTAL</b>				<b>2554</b>	<b>Nos =</b>	<b>446.10</b>	<b>Unit</b>			

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