

Tree enumeration over 22.671 ha of forest land for establishment of proposed Grinding, De-sliming (Beneficiation) plant and slurry pumping station and Water intake System of M/s JSW Utkal Steel Ltd under Barbil Tahsil in Keonjhar, Odisha.

Class	SPECIES / Girth	Local Name	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	
Special Class	<i>Tectona grandis</i>	Saguan	7	0	0	0	0	0	0	0	0	0	1	0	8	0	8
Total Spl. Class			7	0	0	0	0	0	0	0	0	0	1	0	8	0	8
1st Class	<i>Shorea robusta</i>	Sal	0	0	12	0	40	0	19	0	0	0	7	0	78	0	78
Total 1st Class			0	0	12	0	40	0	19	0	0	0	7	0	78	0	78
2nd Class	<i>Mangifera indica</i>	Mango	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1
	<i>Syzgium cumini</i>	Jamu	0	0	1	0	0	0	0	0	0	0	5	0	6	0	6
	<i>Diospyros melanoxylon</i>	Kendu	0	0	0	0	0	0	1	0	1	0	0	0	2	0	2
	<i>Terminalia tomentosa</i>	Asana	0	0	0	0	4	0	0	0	0	0	0	0	4	0	4
Total 2nd Class			0	0	1	0	4	0	1	0	1	0	6	0	13	0	13
3rd Class	<i>Misc Species</i>	Misc	56	6	117	3	67	0	18	0	12	0	27	0	297	9	306
Total 3rd Class			56	6	117	3	67	0	18	0	12	0	27	0	297	9	306
Grand Total			63	6	130	3	111	0	38	0	13	0	41	0	396	9	405

No of Units.

260.76 Unit

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

i) Total nos. of units = 260.76 Unit

ii) Approximate additional Firewood. = 260 Truck load

(iii) Value of Minor Forest Produce in lumpsum = Rs.2,00,000/-


 Divisional Forest Officer,
 Keonjhar Division.

CALCULATION OF UNIT VALUE OF TIMBER

Tree enumeration over 22.671 ha of forest land for establishment of proposed Grinding, De-sliming (Beneficiation) plant and slurry pumping station and Water intake System of M/s JSW Utkal Steel Ltd under Barbil Tahasil in Keonjhar, Odisha.

Girth / Class

Spl. Class

		Sound					Unsound			
Under 60 cm	7	x	0.50	=	3.50	0	x	0.25	=	0.00
60 cm to U/90 cm	0	x	1.00	=	0.00	0	x	0.50	=	0.00
90 cm to U/120 cm	0	x	2.00	=	0.00	0	x	1.00	=	0.00
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	1	x	12.00	=	12.00	0	x	6.00	=	0.00
	8			=	15.50	0			=	0.00

1st. Class

		Sound					Unsound			
Under 60 cm	0	X	0.25	=	0.00	0	X	0.12	=	0.00
60 cm to U/90 cm	12	X	0.50	=	6.00	0	X	0.25	=	0.00
90 cm to U/120 cm	40	X	1.00	=	40.00	0	X	0.50	=	0.00
120 cm to U/150 cm	19	X	2.00	=	38.00	0	X	1.00	=	0.00
150 cm to U/180 cm	0	X	4.00	=	0.00	0	X	2.00	=	0.00
180 cm and Above	7	X	6.00	=	42.00	0	X	3.00	=	0.00
	78			=	126.00	0			=	0.00

2nd. Class

		Sound					Unsound			
Under 60 cm	0	X	0.12	=	0.00	0	X	0.06	=	0.00
60 cm to U/90 cm	1	X	0.25	=	0.25	0	X	0.12	=	0.00
90 cm to U/120 cm	4	X	0.50	=	2.00	0	X	0.25	=	0.00
120 cm to U/150 cm	1	X	1.00	=	1.00	0	X	0.50	=	0.00
150 cm to U/180 cm	1	X	2.00	=	2.00	0	X	1.00	=	0.00
180 cm and Above	6	X	3.00	=	18.00	0	X	1.50	=	0.00
	13			=	23.25	0			=	0.00

3rd. Class

		Sound					Unsound			
Under 60 cm	56	X	0.06	=	3.36	6	X	0.03	=	0.18
60 cm to U/90 cm	117	X	0.12	=	14.04	3	X	0.06	=	0.18
90 cm to U/120 cm	67	X	0.25	=	16.75	0	X	0.12	=	0.00
120 cm to U/150 cm	18	X	0.50	=	9.00	0	X	0.25	=	0.00
150 cm to U/180 cm	12	X	1.00	=	12.00	0	X	0.50	=	0.00
180 cm and Above	27	X	1.50	=	40.50	0	X	0.75	=	0.00
	297			=	95.65	9			=	0.36

Total Sound =		396	Nos =	260.40	Unit
Total Unsound =		9	Nos =	0.36	Unit
TOTAL		405	Nos =	260.76	Unit


Divisional Forest Officer,
Keonjhar Division.