

Species wise and diameter class wise abstract of trees enumerated over 0.744 ha. of Forest land for laying underground Iron Ore Slurry Pipeline by M/s Jindal Steel & Power Limited

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	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spl. Class	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sal	2	4	6	9	14	2	2	2	0	0	0	0	24	17	41
1st Class	2	4	6	9	14	2	2	2	0	0	0	0	24	17	41
Assan	1	2	0	0	1	0	0	0	0	0	0	0	2	2	4
Jamu	0	0	0	0	0	1	0	0	0	2	1	0	1	3	4
Kasi	0	0	1	1	0	0	0	0	0	0	0	0	1	1	2
Mango	1	2	0	1	1	0	1	0	1	0	0	0	4	3	7
2nd Class	2	4	1	2	2	1	1	0	1	2	1	0	8	9	17
Misc	2	2	0	4	0	0	0	2	0	1	1	0	3	9	12
3rd Class	2	2	0	4	0	0	0	2	0	1	1	0	3	9	12
TOTAL	6	10	7	15	16	3	3	4	1	3	2	0	35	35	70

No of Units. = 127.74 Units

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

- Total nos. of units 127.74 Units
- Approximate additional Firewood. = 13 Truck load
- 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 0.744 HA. OF FOREST LAND FOR LAYING UNDERGROUND IRON ORE
SLURRY PIPELINE BY M/S JINDAL STEEL & POWER LIMITED

Girth / Class		Sound				Unsound			
Spl. Class									
Under 60 cm	0	x	0.50	=	0.00	0	x	0.25	= 0
60 cm to U/90 cm	0	x	1.00	=	0.00	0	x	0.50	= 0
90 cm to U/120 cm	0	x	2.00	=	0.00	0	x	1.00	= 0
120 cm to U/150 cm	0	x	4.00	=	0.00	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
	0			=	0.00	0			= 0
1st. Class		Sound				Unsound			
Under 60 cm	2	X	0.25	=	0.50	4	X	0.12	= 0.48
60 cm to U/90 cm	6	X	0.50	=	3.00	9	X	0.25	= 2.25
90 cm to U/120 cm	14	X	1.00	=	14.00	2	X	0.50	= 1.00
120 cm to U/150 cm	2	X	2.00	=	4.00	2	X	1.00	= 2.00
150 cm to U/180 cm	0	X	4.00	=	0.00	0	X	2.00	= 0.00
180 cm and Above	0	X	6.00	=	0.00	0	X	3.00	= 0.00
	24			=	21.50	17			= 5.73
2nd. Class		Sound				Unsound			
Under 60 cm	2	X	0.12	=	0.24	4	X	0.06	= 0.24
60 cm to U/90 cm	1	X	0.25	=	0.25	2	X	0.12	= 0.24
90 cm to U/120 cm	2	X	0.50	=	1.00	1	X	0.25	= 0.25
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	2	X	1.00	= 2.00
180 cm and Above	1	X	3.00	=	3.00	0	X	1.50	= 0.00
	8			=	7.49	9			= 2.73
3rd. Class		Sound				Unsound			
Under 60 cm	2	X	0.06	=	0.12	2	X	0.03	= 25.98
60 cm to U/90 cm	0	X	0.12	=	0.00	4	X	0.06	= 25.14
90 cm to U/120 cm	0	X	0.25	=	0.00	0	X	0.12	= 16.80
120 cm to U/150 cm	0	X	0.50	=	0.00	2	X	0.25	= 9.50
150 cm to U/180 cm	0	X	1.00	=	0.00	1	X	0.50	= 7.50
180 cm and Above	1	X	1.50	=	1.50	0	X	0.75	= 3.75
	3			=	1.62	9			= 88.67

Total Sound =		35	Nos =	30.61	Unit
Total Unsound =		35	Nos =	97.13	Unit
TOTAL		70	Nos =	127.74	Unit

Divisional Forest Officer,
Keonjhar Division.