

Final Abstract

Abstract of tree enumeration over 56.76 ha (Excluding safety zone area over 11.24 ha) forest land for Unchabali (Mahaparbat) Iron Ore Mines of M/s OMC Ltd.

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			0	0	0		0	0	0	0	1	0	1
		Total Sp Category	1	0	0	0	0	0	0	0	0	0	0	0	1	0	1
1	1st Class	Sal	186	412	69	101	26	33	5	3	1	4	0	0	287	553	840
2	Category	Pia-Sal	3	15	1	10	0	0	0	0	0	0	0	0	4	25	29
3		Gambhari	0	8	0	0	0	0	0	0	0	0	0	0	0	8	8
4		Kuruma	1	11	0	3	0	2	0	0	0	0	0	0	1	16	17
5		Bandhan	0	4	0	3	0	2	0	0	0	0	0	0	1	9	10
		Total 1st Class	190	450	70	117	26	37	5	3	1	4	0	0	293	611	904
1	2nd Class	Asan	7	42	1	6	0	4	0	0	0	0	0	0	8	52	60
2	Category	Dhaura (Dhala)	3	36	0	9	0	4	1	2	0	1	0	0	4	52	56
3		Jamu	0	19	0	8	0	2	0	0	0	0	0	0	0	30	30
4		Kendu	6	118	3	27	5	7	0	3	0	1	0	0	14	156	170
5		Mango	0	0	1	1	0	0	0	0	0	2	0	0	1	3	4
		Total 2nd Class	16	215	5	51	5	17	1	6	0	4	0	0	27	293	320
1	3rd Class	Achu	0	2	0	0	0	0	0	0	0	0	0	0	0	2	2
2	Category	Amla	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1
3		Bahada	3	59	3	5	0	3	1	0	0	1	0	0	7	68	75
4		Bara	0	1	0	0	0	3	0	0	0	0	0	0	0	11	11
5		Misc.	32	308	30	105	12	25	6	13	3	13	4	7	87	471	558
		Total 3rd Class	35	371	33	110	12	31	7	13	3	14	4	14	94	553	647
		Grand Total	242	1036	108	278	43	85	13	22	4	22	5	14	415	1457	1872

Below 30 Cm girth-4764nos.

No. of units=572.45

Approximate additional firewood=60 truck load

Divisional Forest Officer,
U. Kanchan Division
Forest Office
Kanchan Division

CALCULATION OF UNIT VALUE OF TIMBER

Total Tree Enumeration over 56.76ha (Excluding safety zone area over 11.24 ha) of forest land for Unchabali (Mahaparbat) Iron Ore Mines of M/s OMC Ltd.

Girth / Class

Spl. Class

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

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

1st. Class

	Sound				
Under 60 cm	190	X	0.25	=	47.50
60 cm to U/90 cm	70	X	0.50	=	35.00
90 cm to U/120 cm	26	X	1.00	=	26.00
120 cm to U/150 cm	5	X	2.00	=	10.00
150 cm to U/180 cm	1	X	4.00	=	4.00
180 cm and Above	1	X	6.00	=	6.00
	293			=	128.50

	Unsound				
	450	X	0.12	=	54.00
	117	X	0.25	=	29.25
	37	X	0.50	=	18.50
	3	X	1.00	=	3.00
	4	X	2.00	=	8.00
	0	X	3.00	=	0.00
	611			=	112.75

2nd. Class

	Sound				
Under 60 cm	16	X	0.12	=	1.92
60 cm to U/90 cm	5	X	0.25	=	1.25
90 cm to U/120 cm	5	X	0.50	=	2.50
120 cm to U/150 cm	1	X	1.00	=	1.00
150 cm to U/180 cm	0	X	2.00	=	0.00
180 cm and Above	0	X	3.00	=	0.00
	27			=	6.67

	Unsound				
	215	X	0.06	=	12.90
	51	X	0.12	=	6.12
	17	X	0.25	=	4.25
	6	X	0.50	=	3.00
	4	X	1.00	=	4.00
	0	X	1.50	=	0.00
	293			=	30.27

3rd. Class

	Sound				
Under 60 cm	35	X	0.06	=	1.50
60 cm to U/90 cm	33	X	0.12	=	2.52
90 cm to U/120 cm	12	X	0.25	=	2.75
120 cm to U/150 cm	7	X	0.50	=	3.50
150 cm to U/180 cm	3	X	1.00	=	5.00
180 cm and Above	4	X	1.50	=	16.50
	94			=	31.77

	Unsound				
	371	X	0.03	=	136.11
	110	X	0.06	=	47.28
	31	X	0.12	=	24.60
	13	X	0.25	=	13.25
	14	X	0.50	=	16.00
	14	X	0.75	=	24.75
	553			=	261.99

Total Sound	=	415	Nos =	167.44	Unit
Total Unsound	=	1457	Nos =	405.01	Unit
TOTAL		1872	Nos =	572.45	Unit


Divisional Forest Officer,
Keonjhar Division.