

ANNEXURE - XXIII

Species wise and diameter class wise abstract of trees enumerated over 80.826 ha. forest land including non-forest land recorded as forest as on 25.10.1980 within mining lease of Tiringpahar Iron & Mn 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 | |
| Sal | 566 | 138 | 21 | 64 | 9 | 36 | 0 | 11 | 0 | 4 | 0 | 6 | 596 | 259 | 855 |
| Pia Sala (Bija) | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| Gambari | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| Kurum | 2 | 12 | 1 | 6 | 0 | 2 | 0 | 2 | 0 | 0 | 0 | 1 | 3 | 23 | 26 |
| 1st Class | 569 | 151 | 22 | 70 | 9 | 38 | 0 | 13 | 0 | 4 | 0 | 7 | 600 | 283 | 883 |
| Assan | 56 | 21 | 4 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 61 | 25 | 86 |
| Jamu | 3 | 7 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 3 | 9 | 12 |
| Kasi | 3 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 3 | 3 | 6 |
| Dhaura | 4 | 14 | 0 | 12 | 0 | 3 | 0 | 0 | 0 | 1 | 0 | 0 | 4 | 30 | 34 |
| Mango | 2 | 2 | 2 | 0 | 2 | 1 | 2 | 1 | 1 | 2 | 3 | 2 | 12 | 8 | 20 |
| Kendu | 114 | 39 | 3 | 3 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 118 | 43 | 161 |
| M. Kendu | 2 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 4 |
| Panas | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 1 | 0 | 3 | 0 | 3 |
| 2nd Class | 184 | 85 | 9 | 21 | 3 | 6 | 5 | 2 | 1 | 4 | 4 | 2 | 206 | 120 | 326 |
| Misc. | 349 | 145 | 38 | 49 | 12 | 28 | 7 | 16 | 8 | 17 | 23 | 42 | 437 | 297 | 734 |
| 3rd Class | 349 | 145 | 38 | 49 | 12 | 28 | 7 | 16 | 8 | 17 | 23 | 42 | 437 | 297 | 734 |
| TOTAL | 1102 | 381 | 69 | 140 | 24 | 72 | 12 | 31 | 9 | 25 | 27 | 51 | 1243 | 700 | 1943 |

No of Units. = 461.79 units

Trees below 30 cms. girth = 955 Nos.

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

- i. Total nos. of units = 461.79 units
- ii) Approximate additional Firewood. = 46 Truck load
- iii) Trees below 30 cms. Girth. = 955 Nos. = 3 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

**Trees enumerated over 80.826 ha. forest land including non-forest land recorded as forest as on 25.10.1980
within mining lease of Tiringpahar Iron & Mn Mines of M/s Tata Steel Ltd**

| Girth / Class | | | | | | | | | | | |
|----------------------|-----------------|---|-------|---|---------------|----------------|---------------|-------------|---|--------------|--|
| Spl. Class | Sound | | | | | Unsound | | | | | |
| 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 | 569 | X | 0.25 | = | 142.25 | 151 | X | 0.12 | = | 18.12 | |
| 60 cm to U/90 cm | 22 | X | 0.50 | = | 11.00 | 70 | X | 0.25 | = | 17.50 | |
| 90 cm to U/120 cm | 9 | X | 1.00 | = | 9.00 | 38 | X | 0.50 | = | 19.00 | |
| 120 cm to U/150 cm | 0 | X | 2.00 | = | 0.00 | 13 | X | 1.00 | = | 13.00 | |
| 150 cm to U/180 cm | 0 | X | 4.00 | = | 0.00 | 4 | X | 2.00 | = | 8.00 | |
| 180 cm and Above | 0 | X | 6.00 | = | 0.00 | 7 | X | 3.00 | = | 21.00 | |
| | 600 | | | = | 162.25 | 283 | | | = | 96.62 | |
| 2nd. Class | Sound | | | | | Unsound | | | | | |
| Under 60 cm | 184 | X | 0.12 | = | 22.08 | 85 | X | 0.06 | = | 5.10 | |
| 60 cm to U/90 cm | 9 | X | 0.25 | = | 2.25 | 21 | X | 0.12 | = | 2.52 | |
| 90 cm to U/120 cm | 3 | X | 0.50 | = | 1.50 | 6 | X | 0.25 | = | 1.50 | |
| 120 cm to U/150 cm | 5 | X | 1.00 | = | 5.00 | 2 | X | 0.50 | = | 1.00 | |
| 150 cm to U/180 cm | 1 | X | 2.00 | = | 2.00 | 4 | X | 1.00 | = | 4.00 | |
| 180 cm and Above | 4 | X | 3.00 | = | 12.00 | 2 | X | 1.50 | = | 3.00 | |
| | 206 | | | = | 44.83 | 120 | | | = | 17.12 | |
| 3rd. Class | Sound | | | | | Unsound | | | | | |
| Under 60 cm | 349 | X | 0.06 | = | 20.94 | 145 | X | 0.03 | = | 25.98 | |
| 60 cm to U/90 cm | 38 | X | 0.12 | = | 4.56 | 49 | X | 0.06 | = | 2.94 | |
| 90 cm to U/120 cm | 12 | X | 0.25 | = | 3.00 | 28 | X | 0.12 | = | 16.80 | |
| 120 cm to U/150 cm | 7 | X | 0.50 | = | 3.50 | 16 | X | 0.25 | = | 9.50 | |
| 150 cm to U/180 cm | 8 | X | 1.00 | = | 8.00 | 17 | X | 0.50 | = | 7.50 | |
| 180 cm and Above | 23 | X | 1.50 | = | 34.50 | 42 | X | 0.75 | = | 3.75 | |
| | 437 | | | = | 74.50 | 297 | | | = | 66.47 | |
| | Total Sound = | | | | 1243 | Nos = | 281.58 | Unit | | | |
| | Total Unsound = | | | | 700 | Nos = | 180.21 | Unit | | | |
| | TOTAL | | | | 1943 | Nos = | 461.79 | Unit | | | |


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