CRUISE REPORT HEADER & CERTIFICATION
CRUISE#: 08107 SALE#: 08107
SALENAME: Carpenter Thin
RUN DATE & TIME: 08-12-2008 11:25:36

Year: 2008 Region: 01 Forest: 4 District: 3
Remarks: Larch Thin
FILENAME: C:\fsapps\FMSC Software\FScruiser\Final_Carpenter_Thin.8.08.crz
REPORTS: A1,A2,A9,B3,CP1,CP3,CS1,CS3,DP1,DP2,DS1,IDL1,
R101,R102,R103,TC6,TC24,UC1,UC5,UC6,UC8,UC10,UC13,UC17,
UC19,

********** CRUISE CERTIFICATION **********

I certify that the timber for the CarpenterThin timber sale has been designated and cruised by the procedures and standards in FSH 2409.12, Timber Cruising Handbook. Records of checks are on file at the District Ranger Office,

RANGER DISTRICT

(name of headquarters town)

Kimberly Johnson

DISTRICT RANGER

8-18-8

DATE

**********

Developed and Maintained By:
USDA FOREST SERVICE
WASHINGTON OFFICE TIMBER MANAGEMENT
FORT COLLINS, COLORADO (970)295-5776

VERSION: 02.20.2007
VOLUME LIBRARY VERSION: 02.16.2007
NATIONAL CRUISE PROCESSING PROGRAM

FOR CUT TREES ONLY
CRUISE#: 08107 SALE#: 08107
SALENAME: Carpenter Thin VERSION: 02.20.2007
RUN DATE & TIME: 08-12-2008 11:25:36 VOLUME LIBRARY VERSION: 02.16.2007

| CONTR SPEC | SPECIES | PROD | UOM | AVGDEF % BDFT | AVGDEF % CUFT | GROSS BDFT RATIO | NET BDFT RATIO | AVG DBH | PRIMARY PRODUCT / CONTRACT SPECIES: ** GROSS VOLUME ** BDFT | ** GROSS VOLUME ** CUFT | ** NET VOLUME ** BDFT | ** NET VOLUME ** CUFT | 16'LOGS GROSS CCF | 16'LOGS GROSS MBF |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | DF | 01 | 03 | 11 | 11 | 5.1120 | 5.1256 | 11.5 | 113910 | 22283 | 101771 | 19856 | 16.1 | 31.4 |
| 1 | GF | 01 | 03 | 10 | 10 | 5.3198 | 5.3327 | 10.6 | 202786 | 38119 | 182076 | 34144 | 16.0 | 30.0 |
| 1 | LP | 01 | 03 | 11 | 11 | 5.3154 | 5.3491 | 12.5 | 19656 | 3698 | 17539 | 3279 | 13.4 | 25.3 |
| 1 | WH | 01 | 03 | 10 | 10 | 4.8848 | 4.8972 | 10.0 | 52950 | 10840 | 47845 | 9770 | 19.8 | 40.5 |
| 1 | WL | 01 | 03 | 10 | 10 | 5.1517 | 5.1472 | 9.0 | 56900 | 11045 | 51050 | 9918 | 26.6 | 51.7 |
| | PRODUCT | 01 | TOTAL | 10 | 10 | 5.1893 | 5.2008 | 10.4 | 446202 | 85985 | 400282 | 76966 | 17.7 | 34.2 |
| CONTR SPEC 1 | | | TOTAL | 10 | 10 | 5.1893 | 5.2008 | 10.4 | 446202 | 85985 | 400282 | 76966 | 17.7 | 34.2 |
| 2 | C | 01 | 03 | 8 | 8 | 4.5029 | 4.5191 | 9.8 | 90678 | 20138 | 83675 | 18516 | 21.6 | 48.1 |
| 2 | WP | 01 | 03 | 14 | 14 | 5.3895 | 5.3833 | 12.1 | 37790 | 7012 | 32548 | 6046 | 12.5 | 23.2 |
| | PRODUCT | 01 | TOTAL | 10 | 10 | 4.7319 | 4.7318 | 10.1 | 128468 | 27150 | 116223 | 24562 | 19.3 | 40.8 |
| CONTR SPEC 2 | | | TOTAL | 10 | 10 | 4.7319 | 4.7318 | 10.1 | 128468 | 27150 | 116223 | 24562 | 19.3 | 40.8 |
| 3 | C | 08 | 03 | 27 | 25 | 5.8333 | 5.6667 | 6.9 | 2866 | 491 | 2088 | 368 | 58.3 | 100.0 |
| 3 | DF | 08 | 03 | 17 | 16 | 6.5574 | 6.4078 | 6.7 | 6551 | 999 | 5404 | 843 | 57.4 | 87.5 |
| 3 | GF | 08 | 03 | 15 | 15 | 5.1282 | 5.1515 | 6.4 | 819 | 160 | 696 | 135 | 51.3 | 100.0 |
| 3 | WH | 08 | 03 | 17 | 18 | 6.3158 | 6.4103 | 6.5 | 2456 | 389 | 2047 | 319 | 63.2 | 100.0 |
| 3 | WL | 08 | 03 | 10 | 10 | 6.5574 | 6.5455 | 6.4 | 1638 | 250 | 1474 | 225 | 49.2 | 75.0 |
| 3 | WP | 08 | 03 | 10 | 9 | 4.3478 | 4.2857 | 6.0 | 409 | 94 | 368 | 86 | 43.5 | 100.0 |
| | PRODUCT | 08 | TOTAL | 18 | 17 | 6.1856 | 6.1077 | 6.6 | 14739 | 2383 | 12078 | 1977 | 56.7 | 91.7 |
| CONTR SPEC 3 | | | TOTAL | 18 | 17 | 6.1856 | 6.1077 | 6.6 | 14739 | 2383 | 12078 | 1977 | 56.7 | 91.7 |
| CONTRACT SPECIES TOTALS | | | | 10 | 10 | 5.1024 | 5.1068 | 10.0 | 589409 | 115517 | 528582 | 103505 | 18.9 | 37.0 |

UC5: VOLUME BY SPECIES WITHIN CUTTING UNIT ACROSS ALL STRATA *
FOR CUT TREES ONLY
CRUISE#: 08107 SALE#: 08107
SALENAME: Carpenter Thin
RUN DATE & TIME: 08-12-2008 11:25:36

VERSION: 02.20.2007
VOLUME LIBRARY VERSION: 02.16.2007

| UNIT | SPECIES | TOTAL EST. # OF TREES | EST. # OF TREES | SAWTIMBER (PROD = 01 UM = 01, 03) ** GROSS VOLUME ** BDFT | CUFT | ** NET VOLUME ** BDFT | CUFT | NON-SAWTIMBER (PROD NOT = 01 UM = 01, 02, 03) (AND ALL SECONDARY & RECOVERED PRODUCT VOLUMES) *** GROSS *** BDFT | CUFT | *** NET *** BDFT | CUFT | CORDS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | C | 233 | 198 | 10052 | 2231 | 9282 | 2053 | 2181 | 356 | 2017 | 330 | 0.00 |
| 1 | DF | 171 | 119 | 12637 | 2475 | 11299 | 2206 | 2404 | 372 | 2162 | 339 | 0.86 |
| 1 | GF | 252 | 243 | 29851 | 5598 | 26746 | 5005 | 2255 | 335 | 2229 | 330 | 0.00 |
| 1 | LP | 15 | 15 | 2730 | 514 | 2436 | 455 | 60 | 8 | 60 | 8 | 0.00 |
| 1 | WH | 421 | 395 | 29625 | 6065 | 26769 | 5466 | 4469 | 628 | 4382 | 613 | 0.00 |
| 1 | WL | 176 | 159 | 9769 | 1890 | 8777 | 1700 | 2735 | 443 | 2700 | 438 | 0.00 |
| 1 | WP | 22 | 13 | 1794 | 339 | 1633 | 308 | 216 | 41 | 208 | 39 | 0.00 |
| UNIT 1 | TOTAL | 1289 | 1142 | 96458 | 19111 | 86942 | 17194 | 14321 | 2182 | 13759 | 2096 | 0.86 |
| 2 | C | 35 | 28 | 1410 | 313 | 1303 | 288 | 343 | 56 | 311 | 51 | 0.00 |
| 2 | DF | 82 | 72 | 9766 | 1871 | 8588 | 1643 | 844 | 130 | 797 | 124 | 0.17 |
| 2 | GF | 133 | 131 | 15483 | 2915 | 13922 | 2614 | 1172 | 172 | 1167 | 171 | 0.00 |
| 2 | LP | 8 | 8 | 1456 | 274 | 1299 | 243 | 32 | 4 | 32 | 4 | 0.00 |
| 2 | WH | 28 | 23 | 1725 | 353 | 1559 | 318 | 332 | 48 | 315 | 45 | 0.00 |
| 2 | WL | 22 | 19 | 1051 | 205 | 941 | 184 | 359 | 58 | 352 | 57 | 0.00 |
| 2 | WP | 24 | 22 | 3650 | 680 | 3180 | 593 | 217 | 36 | 215 | 36 | 0.00 |
| UNIT 2 | TOTAL | 332 | 303 | 34540 | 6610 | 30792 | 5883 | 3301 | 504 | 3190 | 487 | 0.17 |
| 3A | C | 279 | 244 | 12289 | 2725 | 11357 | 2510 | 2566 | 417 | 2399 | 391 | 0.00 |
| 3A | DF | 269 | 216 | 22207 | 4363 | 19905 | 3899 | 3271 | 509 | 3026 | 476 | 0.88 |
| 3A | GF | 402 | 393 | 44729 | 8455 | 40366 | 7607 | 3634 | 535 | 3608 | 530 | 0.00 |
| 3A | LP | 41 | 41 | 7462 | 1404 | 6658 | 1245 | 164 | 21 | 164 | 21 | 0.00 |
| 3A | WH | 41 | 15 | 1125 | 230 | 1017 | 208 | 676 | 104 | 588 | 89 | 0.00 |
| 3A | WL | 211 | 193 | 12623 | 2433 | 11362 | 2191 | 3214 | 522 | 3179 | 516 | 0.00 |
| 3A | WP | 56 | 47 | 8021 | 1491 | 6945 | 1292 | 508 | 87 | 499 | 86 | 0.00 |
| UNIT 3A | TOTAL | 1298 | 1149 | 108456 | 21101 | 97610 | 18950 | 14032 | 2195 | 13463 | 2108 | 0.88 |
| 3B | C | 1388 | 1302 | 66927 | 14869 | 61732 | 13666 | 11787 | 1901 | 11378 | 1836 | 0.00 |
| 3B | DF | 758 | 629 | 66111 | 12959 | 59157 | 11563 | 8856 | 1379 | 8253 | 1298 | 2.15 |
| 3B | GF | 889 | 867 | 105825 | 19860 | 94873 | 17765 | 7878 | 1163 | 7813 | 1150 | 0.00 |

UC5: VOLUME BY SPECIES WITHIN CUTTING UNIT ACROSS ALL STRATA *
FOR CUT TREES ONLY
CRUISE#: 08107 SALE#: 08107
SALENAME: Carpenter Thin
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VERSION: 02.20.2007
VOLUME LIBRARY VERSION: 02.16.2007

| UNIT | SPECIES | TOTAL EST. # OF TREES | EST. # OF TREES | SAWTIMBER (PROD = 01 UM = 01, 03) ** GROSS VOLUME ** BDFT | CUFT | ** NET VOLUME ** BDFT | CUFT | NON-SAWTIMBER (PROD NOT = 01 UM = 01, 02, 03) (AND ALL SECONDARY & RECOVERED PRODUCT VOLUMES) *** GROSS *** BDFT | CUFT | *** NET *** BDFT | CUFT | CORDS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3B | LP | 43 | 43 | 7826 | 1472 | 6983 | 1305 | 172 | 22 | 172 | 22 | 0.00 |
| 3B | WH | 338 | 273 | 20475 | 4192 | 18501 | 3778 | 4022 | 581 | 3806 | 545 | 0.00 |
| 3B | WL | 636 | 593 | 33125 | 6452 | 29673 | 5786 | 9926 | 1613 | 9840 | 1600 | 0.00 |
| 3B | WP | 154 | 132 | 24049 | 4450 | 20539 | 3806 | 1345 | 230 | 1324 | 226 | 0.00 |
| UNIT 3B | TOTAL | 4205 | 3839 | 324338 | 64253 | 291458 | 57668 | 43986 | 6890 | 42586 | 6676 | 2.15 |
| 4 | C | 1 | 0 | 0 | 0 | 0 | 0 | 21 | 4 | 15 | 3 | 0.00 |
| 4 | DF | 28 | 26 | 3189 | 616 | 2822 | 544 | 261 | 41 | 253 | 39 | 0.03 |
| 4 | GF | 55 | 55 | 6899 | 1291 | 6170 | 1153 | 474 | 69 | 473 | 69 | 0.00 |
| 4 | LP | 1 | 1 | 182 | 34 | 162 | 30 | 4 | 1 | 4 | 1 | 0.00 |
| 4 | WH | 1 | 0 | 0 | 0 | 0 | 0 | 18 | 3 | 15 | 2 | 0.00 |
| 4 | WL | 7 | 6 | 332 | 65 | 297 | 58 | 104 | 17 | 102 | 17 | 0.00 |
| 4 | WP | 2 | 2 | 276 | 52 | 251 | 47 | 23 | 4 | 23 | 4 | 0.00 |
| UNIT 4 | TOTAL | 95 | 90 | 10878 | 2058 | 9703 | 1833 | 903 | 137 | 884 | 134 | 0.03 |

S U B T O T A L S

| SPECIES | TOT EST # OF TREES | EST # OF TREES | SAWTIMBER ** GROSS VOLUME ** BDFT | CUFT | ** NET VOLUME ** BDFT | CUFT | NON-SAWTIMBER GROSS BDFT | GROSS CUFT | NET BDFT | NET CUFT | CORDS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| C | 1936 | 1772 | 90678 | 20138 | 83675 | 18516 | 16898 | 2733 | 16120 | 2610 | 0.00 |
| DF | 1308 | 1062 | 113910 | 22283 | 101771 | 19856 | 15637 | 2432 | 14490 | 2276 | 4.09 |
| GF | 1730 | 1689 | 202786 | 38119 | 182076 | 34144 | 15413 | 2274 | 15290 | 2250 | 0.00 |
| LP | 108 | 108 | 19656 | 3698 | 17539 | 3279 | 432 | 54 | 432 | 54 | 0.00 |
| WH | 829 | 706 | 52950 | 10840 | 47845 | 9770 | 9517 | 1364 | 9107 | 1294 | 0.00 |
| WL | 1052 | 970 | 56900 | 11045 | 51050 | 9918 | 16338 | 2653 | 16174 | 2628 | 0.00 |
| WP | 257 | 216 | 37790 | 7012 | 32548 | 6046 | 2309 | 398 | 2268 | 390 | 0.00 |

UC5: VOLUME BY SPECIES WITHIN CUTTING UNIT ACROSS ALL STRATA *
FOR CUT TREES ONLY
CRUISE#: 08107 SALE#: 08107
SALENAME: Carpenter Thin
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VERSION: 02.20.2007
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| UNIT | SPECIES | TOTAL EST. # OF TREES | EST. # OF TREES | SAWTIMBER (PROD = 01 UM = 01, 03) ** GROSS VOLUME ** BDFT | CUFT | ** NET VOLUME ** BDFT | CUFT | NON-SAWTIMBER (PROD NOT = 01 UM = 01, 02, 03) (AND ALL SECONDARY & RECOVERED PRODUCT VOLUMES) *** GROSS *** BDFT | CUFT | *** NET *** BDFT | CUFT | CORDS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OVERALL TOTALS-- | | 7219 | 6523 | 574670 | 113134 | 516505 | 101528 | 76543 | 11908 | 73882 | 11502 | 4.09 |

* FOR TREE-BASED SAMPLES, THE CUTTING UNIT VOLUME IS BASED ON THE # OF TREES TALLIED OR THE SUM OF KPIS THAT FALL WITHIN THE CUTTING UNIT. FOR AREA-BASED SAMPLES, THE CUTTING UNIT VOLUME IS BASED ON AN AVERAGE VOLUME PER ACRE AT THE STRATA LEVEL TIMES THE NUMBER OF ACRES IN THE CUTTING UNIT.

CRUISE#: 08107 SALE#: 08107
SALENAME: Carpenter Thin VERSION: 02.20.2007
RUN DATE & TIME: 08-12-2008 11:25:36 VOLUME LIBRARY VERSION: 02.16.2007

| STRATA | SPECIES | PROD CT | PROD SOURCE | LIVE/MEM | LEAVE | YLD CMP | GRP | STM | TRD | CONTR SPEC | ******* VALUE ******* STRATA LEVEL | PER ACRE | ******* WEIGHT ****** STRATA LEVEL | PER ACRE | ***** TOTAL CUFT **** STRATA LEVEL | PER ACRE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | DF | 01 | P 03 | | C | | 10 | N | | 1 | 0 | 0 | 208936 | 4179 | 3997 | 80 |
| 1 | DF | 08 | S 03 | | C | | 10 | N | | 1 | 0 | 0 | 1273 | 25 | 0 | 0 |
| 1 | DF | 01 | P 03 | | C | | 11 | N | | 1 | 0 | 0 | 1061181 | 21224 | 22397 | 448 |
| 1 | DF | 08 | S 03 | | C | | 11 | N | | 1 | 0 | 0 | 84469 | 1689 | 0 | 0 |
| 1 | GF | 01 | P 03 | | C | | 12 | N | | 1 | 0 | 0 | 154128 | 3083 | 3041 | 61 |
| 1 | GF | 01 | P 03 | | C | | 13 | N | | 1 | 0 | 0 | 1959960 | 39199 | 41268 | 825 |
| 1 | GF | 08 | S 03 | | C | | 13 | N | | 1 | 0 | 0 | 123233 | 2465 | 0 | 0 |
| 1 | WL | 01 | P 03 | | C | | 14 | N | | 1 | 0 | 0 | 40936 | 819 | 779 | 16 |
| 1 | WL | 01 | P 03 | | C | | 15 | N | | 1 | 0 | 0 | 609615 | 12192 | 14222 | 284 |
| 1 | WL | 08 | S 03 | | C | | 15 | N | | 1 | 0 | 0 | 148385 | 2968 | 0 | 0 |
| 1 | C | 01 | P 03 | | C | | 16 | N | | 2 | 0 | 0 | 22588 | 452 | 671 | 13 |
| 1 | C | 01 | P 03 | | C | | 17 | N | | 2 | 0 | 0 | 808702 | 16174 | 26130 | 523 |
| 1 | C | 08 | S 03 | | C | | 17 | N | | 2 | 0 | 0 | 99004 | 1980 | 0 | 0 |
| 1 | WH | 01 | P 03 | L | C | CL | 18 | N | | | 0 | 0 | 0 | 0 | 0 | 0 |
| 1 | WH | 01 | P 03 | | C | | 19 | N | | 1 | 0 | 0 | 638469 | 12769 | 13229 | 265 |
| 1 | WH | 08 | S 03 | | C | | 19 | N | | 1 | 0 | 0 | 60196 | 1204 | 0 | 0 |
| 1 | WP | 01 | P 03 | | C | | 20 | N | | 2 | 0 | 0 | 107108 | 2142 | 2256 | 45 |
| 1 | WP | 01 | P 03 | | C | | 21 | N | | 2 | 0 | 0 | 258067 | 5161 | 5895 | 118 |
| 1 | WP | 08 | S 03 | | C | | 21 | N | | 2 | 0 | 0 | 16680 | 334 | 0 | 0 |
| 1 | LP | 01 | P 03 | L | C | CL | 22 | N | | | 0 | 0 | 0 | 0 | 0 | 0 |
| 1 | LP | 01 | P 03 | | C | | 23 | N | | 1 | 0 | 0 | 196729 | 3935 | 4095 | 82 |
| 1 | LP | 08 | S 03 | | C | | 23 | N | | 1 | 0 | 0 | 3027 | 61 | 0 | 0 |
| 1 | C | 08 | P 03 | | C | | 8 | N | | 3 | 0 | 0 | 20565 | 411 | 781 | 16 |
| 1 | DF | 08 | P 03 | | C | | 8 | N | | 3 | 0 | 0 | 57270 | 1145 | 1351 | 27 |
| 1 | GF | 08 | P 03 | | C | | 8 | N | | 3 | 0 | 0 | 9009 | 180 | 222 | 4 |
| 1 | WH | 08 | P 03 | | C | | 8 | N | | 3 | 0 | 0 | 23006 | 460 | 569 | 11 |
| 1 | WL | 08 | P 03 | | C | | 8 | N | | 3 | 0 | 0 | 14772 | 295 | 0 | 0 |
| 1 | WP | 08 | P 03 | | C | | 8 | N | | 3 | 0 | 0 | 5056 | 101 | 145 | 3 |
| | | | | | | TOTALS ------ | | | | | 0 | | 6732363 | | 141048 | |

PRODUCT SOURCE KEY:

P = PRIMARY PRODUCT
S = SECONDARY PRODUCT
R = RECOVERABLE PRODUCT

The following items are not reported and/or calculated for secondary or recovered products but are shown here as blank so the associated volumes can be reported: Number of measured trees, Quad mean DBH, Mean DBH, Mean height(s), Average defect,

any Ratio, Estimated number of trees.

Sawlog

| | | |
|---|---|---|
| DF | 1270117 | 635 tons |
| GF | 2114088 | 1057 tons |
| WL | 650551 | 325 tons |
| C | 831290 | 416 tons |
| WH | 638469 | 319 tons |
| WP | 365175 | 183 tons |
| LP | 196729 | 98 tons |
| | 6066419 | 3033 tons |

Non-saw

CS - 665945 - 333 tons

corridor [based on 2.6 ac @ 5 mbf/ac = 13 mbf (23 ccf)]

| | | |
|---|---|---|
| DF | 5 x 2.98 = | 15 tons |
| GF | 9 x 2.98 = | 27 tons |
| WL | 2 x 2.98 = | 6 tons |
| C | 5 x 2.98 = | 15 tons |
| H | 2 x 2.98 = | 6 tons |
| | 23 | 69 tons |

3033
+69

3102 tons sawlog
333 tons nonsawlog

3435 tons total

VOLUME EQUATION TABLE
CRUISE#: 08107 SALE#: 08107
SALENAME: Carpenter Thin
RUN DATE & TIME: 08-12-2008 11:25:36

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| | | | | | PRIMARY ******* PRODUCT ******** | | | | SECONDARY ****** PRODUCT ****** | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SPECIES | PROD | VOLUME EQUATION | STUMP HEIGHT | TOTAL CUBIC VOLUME | MIN TOP DIB | BDFT | CUFT | CORDS | MIN TOP DIB | BDFT | CUFT | CORDS | Z SCORE |
| PP | 01 | I00FW2W122 | 1.0 | YES | 5.6 | YES | YES | NO | 4.0 | YES | YES | NO | 0.000 |
| WL | 01 | I00FW2W073 | 1.0 | YES | 5.6 | YES | YES | NO | 4.0 | YES | YES | NO | 0.000 |
| LP | 01 | I00FW2W108 | 1.0 | YES | 5.6 | YES | YES | NO | 4.0 | YES | YES | NO | 0.000 |
| DF | 01 | I00FW2W202 | 1.0 | YES | 5.6 | YES | YES | NO | 4.0 | YES | YES | NO | 0.000 |
| WP | 01 | I00FW2W119 | 1.0 | YES | 5.6 | YES | YES | NO | 4.0 | YES | YES | NO | 0.000 |
| S | 01 | I00FW2W093 | 1.0 | YES | 5.6 | YES | YES | NO | 4.0 | YES | YES | NO | 0.000 |
| GF | 01 | I00FW2W017 | 1.0 | YES | 5.6 | YES | YES | NO | 4.0 | YES | YES | NO | 0.000 |
| AF | 01 | I00FW2W019 | 1.0 | YES | 5.6 | YES | YES | NO | 4.0 | YES | YES | NO | 0.000 |
| WH | 01 | I00FW2W260 | 1.0 | YES | 5.6 | YES | YES | NO | 4.0 | YES | YES | NO | 0.000 |
| C | 01 | I00FW2W242 | 1.0 | YES | 5.6 | YES | YES | NO | 4.0 | YES | YES | NO | 0.000 |
| WB | 01 | 102DVEW101 | 1.0 | YES | 4.0 | YES | YES | NO | 4.0 | YES | YES | NO | 0.000 |
| QA | 01 | 102DVEW746 | 1.0 | YES | 4.0 | YES | YES | NO | 4.0 | YES | YES | NO | 0.000 |
| CW | 01 | 102DVEW740 | 1.0 | YES | 4.0 | YES | YES | NO | 4.0 | YES | YES | NO | 0.000 |
| PP | 02 | I00FW2W122 | 1.0 | NO | 4.0 | YES | YES | YES | 4.0 | YES | YES | YES | 0.000 |
| WL | 02 | I00FW2W073 | 1.0 | NO | 4.0 | YES | YES | YES | 4.0 | YES | YES | YES | 0.000 |
| LP | 02 | I00FW2W108 | 1.0 | NO | 4.0 | YES | YES | YES | 4.0 | YES | YES | YES | 0.000 |
| DF | 02 | I00FW2W202 | 1.0 | NO | 4.0 | YES | YES | YES | 4.0 | YES | YES | YES | 0.000 |
| WP | 02 | I00FW2W119 | 1.0 | NO | 4.0 | YES | YES | YES | 4.0 | YES | YES | YES | 0.000 |
| S | 02 | I00FW2W093 | 1.0 | NO | 4.0 | YES | YES | YES | 4.0 | YES | YES | YES | 0.000 |
| GF | 02 | I00FW2W017 | 1.0 | NO | 4.0 | YES | YES | YES | 4.0 | YES | YES | YES | 0.000 |
| AF | 02 | I00FW2W019 | 1.0 | NO | 4.0 | YES | YES | YES | 4.0 | YES | YES | YES | 0.000 |
| WH | 02 | I00FW2W260 | 1.0 | NO | 4.0 | YES | YES | YES | 4.0 | YES | YES | YES | 0.000 |
| C | 02 | I00FW2W242 | 1.0 | NO | 4.0 | YES | YES | YES | 4.0 | YES | YES | YES | 0.000 |
| WB | 02 | 102DVEW101 | 1.0 | NO | 4.0 | YES | YES | YES | 4.0 | YES | YES | YES | 0.000 |
| QA | 02 | 102DVEW746 | 1.0 | NO | 4.0 | YES | YES | YES | 4.0 | YES | YES | YES | 0.000 |
| CW | 02 | 102DVEW740 | 1.0 | NO | 4.0 | YES | YES | YES | 4.0 | YES | YES | YES | 0.000 |
| PP | 06 | I00FW2W122 | 1.0 | NO | 3.0 | YES | YES | YES | 3.0 | YES | YES | YES | 0.000 |
| WL | 06 | I00FW2W073 | 1.0 | NO | 3.0 | YES | YES | YES | 3.0 | YES | YES | YES | 0.000 |
| LP | 06 | I00FW2W108 | 1.0 | NO | 3.0 | YES | YES | YES | 3.0 | YES | YES | YES | 0.000 |
| DF | 06 | I00FW2W202 | 1.0 | NO | 3.0 | YES | YES | YES | 3.0 | YES | YES | YES | 0.000 |
| WP | 06 | I00FW2W119 | 1.0 | NO | 3.0 | YES | YES | YES | 3.0 | YES | YES | YES | 0.000 |
| S | 06 | I00FW2W093 | 1.0 | NO | 3.0 | YES | YES | YES | 3.0 | YES | YES | YES | 0.000 |
| GF | 06 | I00FW2W017 | 1.0 | NO | 3.0 | YES | YES | YES | 3.0 | YES | YES | YES | 0.000 |
| AF | 06 | I00FW2W019 | 1.0 | NO | 3.0 | YES | YES | YES | 3.0 | YES | YES | YES | 0.000 |
| WH | 06 | I00FW2W260 | 1.0 | NO | 3.0 | YES | YES | YES | 3.0 | YES | YES | YES | 0.000 |
| C | 06 | I00FW2W242 | 1.0 | NO | 3.0 | YES | YES | YES | 3.0 | YES | YES | YES | 0.000 |
| WB | 06 | 102DVEW101 | 1.0 | NO | 4.0 | YES | YES | YES | 4.0 | YES | YES | YES | 0.000 |
| QA | 06 | 102DVEW746 | 1.0 | NO | 4.0 | YES | YES | YES | 4.0 | YES | YES | YES | 0.000 |
| CW | 06 | 102DVEW740 | 1.0 | NO | 4.0 | YES | YES | YES | 4.0 | YES | YES | YES | 0.000 |
| PP | 08 | I00FW2W122 | 1.0 | NO | 4.0 | YES | YES | YES | 0.0 | NO | NO | NO | 0.000 |

VOLUME EQUATION TABLE
CRUISE#: 08107 SALE#: 08107
SALENAME: Carpenter Thin
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VERSION: 02.20.2007
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| | | | | | PRIMARY ******* PRODUCT ******** | | | | SECONDARY ****** PRODUCT ****** | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SPECIES | PROD | VOLUME EQUATION | STUMP HEIGHT | TOTAL CUBIC VOLUME | MIN TOP DIB | BDFT | CUFT | CORDS | MIN TOP DIB | BDFT | CUFT | CORDS | Z SCORE |
| WL | 08 | I00FW2W073 | 1.0 | NO | 4.0 | YES | YES | YES | 0.0 | NO | NO | NO | 0.000 |
| LP | 08 | I00FW2W108 | 1.0 | YES | 4.0 | YES | YES | YES | 0.0 | NO | NO | NO | 0.000 |
| DF | 08 | I00FW2W202 | 1.0 | YES | 4.0 | YES | YES | YES | 0.0 | NO | NO | NO | 0.000 |
| WP | 08 | I00FW2W119 | 1.0 | YES | 4.0 | YES | YES | YES | 0.0 | NO | NO | NO | 0.000 |
| S | 08 | I00FW2W093 | 1.0 | NO | 4.0 | YES | YES | YES | 0.0 | NO | NO | NO | 0.000 |
| GF | 08 | I00FW2W017 | 1.0 | YES | 4.0 | YES | YES | YES | 0.0 | NO | NO | NO | 0.000 |
| AF | 08 | I00FW2W019 | 1.0 | NO | 4.0 | YES | YES | YES | 0.0 | NO | NO | NO | 0.000 |
| WH | 08 | I00FW2W260 | 1.0 | YES | 4.0 | YES | YES | YES | 0.0 | NO | NO | NO | 0.000 |
| C | 08 | I00FW2W242 | 1.0 | YES | 4.0 | YES | YES | YES | 0.0 | NO | NO | NO | 0.000 |
| WB | 08 | 102DVEW101 | 1.0 | NO | 4.0 | YES | YES | YES | 0.0 | NO | NO | NO | 0.000 |
| QA | 08 | 102DVEW746 | 1.0 | NO | 4.0 | YES | YES | YES | 0.0 | NO | NO | NO | 0.000 |
| CW | 08 | 102DVEW740 | 1.0 | NO | 4.0 | YES | YES | YES | 0.0 | NO | NO | NO | 0.000 |

CRUISE#: 08107 SALE#: 08107
SALENAME: Carpenter Thin VERSION: 02.20.2007
RUN DATE & TIME: 08-12-2008 11:25:36 VOLUME LIBRARY VERSION: 02.16.2007

| SPECIES | EQUATION | LIVE/DEAD CODE | PRIMARY PRODUCT | WEIGHT FACTOR | PERCENT REMOVED | SECONDARY PRODUCT | WEIGHT FACTOR | PERCENT REMOVED |
|---|---|---|---|---|---|---|---|---|
| PP | GENPP002 | L | 01 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 |
| PP | GENPP002 | L | 06 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 |
| PP | GENPP002 | L | 08 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 |
| L | GENPP004 | | 02 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 |
| LP | GENPP004 | | 01 | 56.0000 | 95.0000 | 08 | 59.0000 | 95.0000 |
| LP | GENPP002 | L | 06 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 |
| DF | GENPP002 | L | 02 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 |
| DF | GENPP002 | L | 06 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 |
| WP | GENPP002 | L | 06 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 |
| WP | GENPP004 | | 08 | 59.0000 | 91.0000 | | 0.0000 | 0.0000 |
| S | GENPP002 | L | 02 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 |
| S | GENPP002 | L | 06 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 |
| GF | GENPP004 | | 01 | 59.0000 | 94.0000 | 08 | 62.0000 | 94.0000 |
| AF | GENPP002 | L | 02 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 |
| AF | GENPP002 | L | 06 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 |
| WH | GENPP004 | | 01 | 62.0000 | 95.0000 | 08 | 65.0000 | 95.0000 |
| MH | GENPP002 | L | 06 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 |
| WH | GENPP004 | | 08 | 65.0000 | 91.0000 | | 0.0000 | 0.0000 |
| C | GENPP002 | L | 06 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 |
| WB | GENPP002 | L | 06 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 |
| WB | GENPP002 | L | 08 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 |
| QA | GENPP002 | L | 02 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 |
| CW | GENPP002 | L | 01 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 |
| CW | GENPP002 | L | 06 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 |
| CW | GENPP002 | L | 08 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 |
| PP | GENPP002 | L | 02 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 |
| WL | GENPP004 | | 01 | 62.0000 | 95.0000 | 08 | 65.0000 | 95.0000 |
| WL | GENPP004 | | 08 | 65.0000 | 91.0000 | | 0.0000 | 0.0000 |
| LP | GENPP002 | L | 02 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 |
| DF | GENPP004 | | 01 | 60.0000 | 95.0000 | 08 | 63.0000 | 95.0000 |
| DF | GENPP004 | | 08 | 63.0000 | 91.0000 | | 0.0000 | 0.0000 |
| WP | GENPP002 | L | 02 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 |
| S | GENPP002 | L | 01 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 |
| S | GENPP002 | L | 08 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 |
| GF | GENPP002 | L | 02 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 |
| AF | GENPP002 | L | 01 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 |
| AF | GENPP002 | L | 08 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 |
| MH | GENPP002 | L | 02 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 |
| C | GENPP004 | | 01 | 43.0000 | 96.0000 | 08 | 46.0000 | 96.0000 |
| C | GENPP004 | | 08 | 46.0000 | 91.0000 | | 0.0000 | 0.0000 |
| WB | GENPP002 | L | 02 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 |
| QA | GENPP002 | L | 01 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 |
| QA | GENPP002 | L | 08 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 |

WEIGHT EQUATION TABLE
CRUISE#: 08107 SALE#: 08107
SALENAME: Carpenter Thin
RUN DATE & TIME: 08-12-2008 11:25:36

VERSION: 02.20.2007
VOLUME LIBRARY VERSION: 02.16.2007

| SPECIES | EQUATION | LIVE/DEAD CODE | PRIMARY PRODUCT | WEIGHT FACTOR | PERCENT REMOVED | SECONDARY PRODUCT | WEIGHT FACTOR | PERCENT REMOVED |
|---|---|---|---|---|---|---|---|---|
| CW | GENPP002 | L | 02 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 |
| L | GENPP002 | L | 06 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 |
| WP | GENPP004 | | 01 | 56.0000 | 93.0000 | 08 | 59.0000 | 93.0000 |
| GF | GENPP002 | L | 06 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 |
| C | GENPP002 | L | 02 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 |
| QA | GENPP002 | L | 06 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 |
| LP | GENPP004 | | 08 | 59.0000 | 91.0000 | | 0.0000 | 0.0000 |
| GF | GENPP004 | | 08 | 62.0000 | 91.0000 | | 0.0000 | 0.0000 |
| WB | GENPP002 | L | 01 | 0.0000 | 0.0000 | | 0.0000 | 0.0000 |

CRUISE#: 08107 SALE#: 08107
SALENAME: Carpenter Thin
RUN DATE & TIME: 08-12-2008 11:25:36

VERSION: 02.20.2007
VOLUME LIBRARY VERSION: 02.16.2007

| CRUISE NO. | CUTTING UNIT NO. | CUTTING UNIT ACRES | CUTTING UNIT DESCRIPTION | LOG METHOD | PAYMENT UNIT NO. |
|---|---|---|---|---|---|
| 08107 | 1 | 9.00 | | 430 | 1 |
| 08107 | 2 | 3.00 | | 430 | 1 |
| 08107 | 3A | 8.00 | | 420 | 1 |
| 08107 | 3B | 29.00 | | 430 | 1 |
| 08107 | 4 | 1.00 | | 452 | 1 |

TOTAL SALE ACRES: 50.00

CRUISE#: 08107 SALE#: 08107
SALENAME: Carpenter Thin VERSION: 02.20.2007
RUN DATE & TIME: 08-12-2008 11:25:36 VOLUME LIBRARY VERSION: 02.16.2007

| CRUISE NO. | STRATA NO. | CRUISE METHOD | STRATA ACRES | BAF | PLOT SIZE | NO. OF PLOTS | STRATA DESCRIPTION | DATE MMYYYY |
|---|---|---|---|---|---|---|---|---|
| 08107 | 1 | STR | 50.00 | 0.00 | 0. | 0 | Saw and RW | 82008 |

CRUISE#: 08107 SALE#: 08107
SALENAME: Carpenter Thin VERSION: 02.20.2007
RUN DATE & TIME: 08-12-2008 11:25:36 VOLUME LIBRARY VERSION: 02.16.2007

THE FOLLOWING INFORMATION IS PROVIDED FOR SELECT METHODS AND REPRESENTS WHAT ONCE WERE COUNT RECORDS

| CUTTING UNIT | STRATUM | SAMPLE GROUP | SPECIES | FREQUENCY | KZ VALUE | TALLY COUNT | KPI | DESCRIPTION |
|---|---|---|---|---|---|---|---|---|
| 2 | 1 | 8 | DF | 50 | 0 | 29 | | Roundwood |
| 3A | 1 | 8 | DF | 50 | 0 | 109 | | Roundwood |
| 3B | 1 | 8 | DF | 50 | 0 | 142 | | Roundwood |
| 4 | 1 | 8 | DF | 50 | 0 | 5 | | Roundwood |
| 1 | 1 | 8 | WP | 50 | 0 | 28 | | WP RW |
| 1 | 1 | 8 | WL | 50 | 0 | 28 | | WL RW |
| 3A | 1 | 8 | WL | 50 | 0 | 36 | | WL RW |
| 1 | 1 | 8 | WH | 50 | 0 | 57 | | WH RW |
| 3B | 1 | 8 | WH | 50 | 0 | 27 | | WH RW |
| 1 | 1 | 8 | GF | 50 | 0 | 29 | | GF RW |
| 3B | 1 | 8 | C | 50 | 0 | 189 | | C RW |
| 1 | 1 | 10 | DF | 20 | 0 | 6 | | DF BIG SAW |
| 2 | 1 | 10 | DF | 20 | 0 | 11 | | DF BIG SAW |
| 3A | 1 | 10 | DF | 20 | 0 | 8 | | DF BIG SAW |
| 3B | 1 | 10 | DF | 20 | 0 | 27 | | DF BIG SAW |
| 4 | 1 | 10 | DF | 20 | 0 | 3 | | DF BIG SAW |
| 1 | 1 | 11 | DF | 30 | 0 | 107 | | DF SM SAW |
| 2 | 1 | 11 | DF | 30 | 0 | 58 | | DF SM SAW |
| 3A | 1 | 11 | DF | 30 | 0 | 202 | | DF SM SAW |
| 3B | 1 | 11 | DF | 30 | 0 | 580 | | DF SM SAW |
| 4 | 1 | 11 | DF | 30 | 0 | 22 | | DF SM SAW |
| 1 | 1 | 12 | GF | 20 | 0 | 7 | | GF BIG SAW |
| 2 | 1 | 12 | GF | 20 | 0 | 2 | | GF BIG SAW |
| 3A | 1 | 12 | GF | 20 | 0 | | | GF BIG SAW |
| 3B | 1 | 12 | GF | 20 | 0 | 21 | | GF BIG SAW |
| 4 | 1 | 12 | GF | 20 | 0 | 2 | | GF BIG SAW |
| 1 | 1 | 13 | GF | 30 | 0 | 229 | | GF SM SAW |
| 2 | 1 | 13 | GF | 30 | 0 | 125 | | GF SM SAW |
| 3A | 1 | 13 | GF | 30 | 0 | 383 | | GF SM SAW |
| 3B | 1 | 13 | GF | 30 | 0 | 815 | | GF SM SAW |
| 4 | 1 | 13 | GF | 30 | 0 | 51 | | GF SM SAW |
| 1 | 1 | 14 | WL | 20 | 0 | 3 | | WL BIG SAW |
| 3A | 1 | 14 | WL | 20 | 0 | 5 | | WL BIG SAW |
| 3B | 1 | 14 | WL | 20 | 0 | 1 | | WL BIG SAW |
| 1 | 1 | 15 | WL | 30 | 0 | 150 | | WL SM SAW |
| 2 | 1 | 15 | WL | 30 | 0 | 18 | | WL SM SAW |
| 3A | 1 | 15 | WL | 30 | 0 | 182 | | WL SM SAW |
| 3B | 1 | 15 | WL | 30 | 0 | 572 | | WL SM SAW |
| 4 | 1 | 15 | WL | 30 | 0 | 6 | | WL SM SAW |
| 1 | 1 | 16 | C | 20 | 0 | 1 | | C BIG SAW |

THE FOLLOWING INFORMATION IS PROVIDED FOR SELECT METHODS AND REPRESENTS WHAT ONCE WERE COUNT RECORDS

| CUTTING UNIT | STRATUM | SAMPLE GROUP | SPECIES | FREQUENCY | KZ VALUE | TALLY COUNT | KPI | DESCRIPTION |
|---|---|---|---|---|---|---|---|---|
| 3B | 1 | 16 | C | 20 | 0 | 16 | | C BIG SAW |
| 1 | 1 | 17 | C | 30 | 0 | 191 | | C SM SAW |
| 2 | 1 | 17 | C | 30 | 0 | 28 | | C SM SAW |
| 3A | 1 | 17 | C | 30 | 0 | 236 | | C SM SAW |
| 3B | 1 | 17 | C | 30 | 0 | 1244 | | C SM SAW |
| 1 | 1 | 19 | WH | 30 | 0 | 380 | | WH SM SAW |
| 2 | 1 | 19 | WH | 30 | 0 | 22 | | WH SM SAW |
| 3A | 1 | 19 | WH | 30 | 0 | 13 | | WH SM SAW |
| 3B | 1 | 19 | WH | 30 | 0 | 265 | | WH SM SAW |
| 2 | 1 | 20 | WP | 20 | 0 | 2 | | WP BIG SAW |
| 3A | 1 | 20 | WP | 20 | 0 | 4 | | WP BIG SAW |
| 3B | 1 | 20 | WP | 20 | 0 | 18 | | WP BIG SAW |
| 1 | 1 | 21 | WP | 30 | 0 | 13 | | WP SM SAW |
| 2 | 1 | 21 | WP | 30 | 0 | 19 | | WP SM SAW |
| 3A | 1 | 21 | WP | 30 | 0 | 42 | | WP SM SAW |
| 3B | 1 | 21 | WP | 30 | 0 | 109 | | WP SM SAW |
| 4 | 1 | 21 | WP | 30 | 0 | 2 | | WP SM SAW |
| 1 | 1 | 23 | LP | 30 | 0 | 15 | | LP SM SAW |
| 2 | 1 | 23 | LP | 30 | 0 | 8 | | LP SM SAW |
| 3A | 1 | 23 | LP | 30 | 0 | 37 | | LP SM SAW |
| 3B | 1 | 23 | LP | 30 | 0 | 42 | | LP SM SAW |
| 4 | 1 | 23 | LP | 30 | 0 | 1 | | LP SM SAW |
| 1 | 1 | 8 | DF | 50 | 0 | | | Roundwood |
| 2 | 1 | 8 | WP | 50 | 0 | | | WP RW |
| 3A | 1 | 8 | WP | 50 | 0 | | | WP RW |
| 3B | 1 | 8 | WP | 50 | 0 | | | WP RW |
| 4 | 1 | 8 | WP | 50 | 0 | | | WP RW |
| 2 | 1 | 8 | WL | 50 | 0 | | | WL RW |
| 3B | 1 | 8 | WL | 50 | 0 | | | WL RW |
| 4 | 1 | 8 | WL | 50 | 0 | | | WL RW |
| 2 | 1 | 8 | WH | 50 | 0 | | | WH RW |
| 3A | 1 | 8 | WH | 50 | 0 | | | WH RW |
| 4 | 1 | 8 | WH | 50 | 0 | | | WH RW |
| 2 | 1 | 8 | GF | 50 | 0 | | | GF RW |
| 3A | 1 | 8 | GF | 50 | 0 | | | GF RW |
| 3B | 1 | 8 | GF | 50 | 0 | | | GF RW |
| 4 | 1 | 8 | GF | 50 | 0 | | | GF RW |
| 1 | 1 | 8 | C | 50 | 0 | | | C RW |
| 2 | 1 | 8 | C | 50 | 0 | | | C RW |
| 3A | 1 | 8 | C | 50 | 0 | | | C RW |

DS1: ERROR TERM, VOLUME AND CONFIDENCE INTERVAL
PRIMARY PRODUCT VOLUME
FOR CUT TREES ONLY
CRUISE#: 08107 SALE#: 08107
SALENAME: Carpenter Thin
RUN DATE & TIME: 08-12-2008 11:25:36

VERSION: 02.20.2007
VOLUME LIBRARY VERSION: 02.16.2007

| STRATA | PRODUCT | UOM | ********** PRIMARY PRODUCT GROSS VOLUME ********** VOLUME | ERROR | ****** 95% CONFIDENCE ***** INTERVAL FROM | TO | ********* PRIMARY PRODUCT NET VOLUME ******** VOLUME | ERROR | ****** 95% CONFIDENCE ****** INTERVAL FROM | TO |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 01 | 03 | 113134.3 | 9.49 | 102403. | 123865. | 101528.0 | 10.11 | 91261. | 111795. |
| 1 | 08 | 03 | 2382.8 | 15.96 | 2002. | 2763. | 1977.5 | 18.06 | 1620. | 2335. |
| | | | | | ---------- AGGREGATED BY PRODUCT ---------- | | | | | |
| | 01 | 03 | 113134.3 | 9.49 | 102403. | 123865. | 101528.0 | 10.11 | 91261. | 111795. |
| | 08 | 03 | 2382.8 | 15.96 | 2002. | 2763. | 1977.5 | 18.06 | 1620. | 2335. |
| | | | | | -------- AGGREGATED BY UNIT OF MEASURE -------- | | | | | |
| | | 03 | 115517.1 | 9.30 | 104780. | 126255. | 103505.5 | 9.93 | 93232. | 113779. |
| | | | | | ---------- AGGREGATED BY STRATA ---------- | | | | | |
| 1 | | 03 | 115517.1 | 9.30 | 104780. | 126255. | 103505.5 | 9.93 | 93232. | 113779. |

R102: SALE SUMMARY BY LOGGING METHOD
FOR CUT TREES ONLY
-- BOARD FOOT --
CRUISE#: 08107 SALE#: 08107
SALENAME: Carpenter Thin
RUN DATE & TIME: 08-12-2008 11:25:36

VERSION: 02.20.2007
VOLUME LIBRARY VERSION: 02.16.2007

| LOG MTH | PROD UCT | GROSS BF | TOTAL DEF% | NET BF | ESTIM TREES | GROSS BF/ ACRE | NET BF/ ACRE | TREES/ ACRE | MEAN DBH | MEAN HGT | NET BF/ TREE | 16'LOGS/ GROSS MBF | AVG SLOPE | ACRES |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 420 | 01 P | 108456 | 10.0 | 97610 | 1149 | 13557 | 12201 | 143.6 | 1.8 | 79.6 | 85 | 34.5 | 0.0 | 8.0 |
| | 01 TOTAL | 108456 | 10.0 | 97610 | 1149 | 13557 | 12201 | 143.6 | 1.8 | 14.0 | 85 | 34.5 | 0.0 | 8.0 |
| 420 | 08 P | 3155 | 18.1 | 2586 | 149 | 394 | 323 | 18.6 | 1.4 | 49.9 | 17 | 91.7 | 0.0 | 8.0 |
| 420 | 08 S | 10877 | 0.0 | 10877 | 0 | 1360 | 1360 | 0.0 | 0.0 | 0.0 | 0 | 0.0 | 0.0 | 8.0 |
| | 08 TOTAL | 14032 | 4.1 | 13463 | 149 | 1754 | 1683 | 18.6 | 1.4 | 10.7 | 90 | 20.6 | 0.0 | 8.0 |
| | 420 TOTAL | 122488 | 9.3 | 111073 | 1298 | 15311 | 13884 | 162.2 | 1.8 | 13.7 | 86 | 32.9 | 0.0 | 8.0 |
| 430 | 01 P | 455336 | 10.1 | 409192 | 5284 | 11106 | 9980 | 128.9 | 2.8 | 77.4 | 77 | 36.1 | 0.0 | 41.0 |
| | 01 TOTAL | 455336 | 10.1 | 409192 | 5284 | 11106 | 9980 | 128.9 | 2.8 | 20.9 | 77 | 36.1 | 0.0 | 41.0 |
| 430 | 08 P | 11478 | 18.1 | 9405 | 542 | 280 | 229 | 13.2 | 1.7 | 49.9 | 17 | 91.7 | 0.0 | 41.0 |
| 430 | 08 S | 50130 | 0.0 | 50130 | 0 | 1223 | 1223 | 0.0 | 0.0 | 0.0 | 0 | 0.0 | 0.0 | 41.0 |
| | 08 TOTAL | 61607 | 3.4 | 59535 | 542 | 1503 | 1452 | 13.2 | 1.7 | 13.0 | 110 | 17.1 | 0.0 | 41.0 |
| | 430 TOTAL | 516944 | 9.3 | 468727 | 5826 | 12608 | 11432 | 142.1 | 2.7 | 20.1 | 80 | 33.8 | 0.0 | 41.0 |
| 452 | 01 P | 10878 | 10.8 | 9703 | 90 | 10878 | 9703 | 90.0 | 0.2 | 83.4 | 108 | 29.5 | 0.0 | 1.0 |
| | 01 TOTAL | 10878 | 10.8 | 9703 | 90 | 10878 | 9703 | 90.0 | 0.2 | 1.2 | 108 | 29.5 | 0.0 | 1.0 |
| 452 | 08 P | 106 | 18.1 | 87 | 5 | 106 | 87 | 5.0 | 0.0 | 49.9 | 17 | 91.7 | 0.0 | 1.0 |
| 452 | 08 S | 797 | 0.0 | 797 | 0 | 797 | 797 | 0.0 | 0.0 | 0.0 | 0 | 0.0 | 0.0 | 1.0 |
| | 08 TOTAL | 903 | 2.1 | 884 | 5 | 903 | 884 | 5.0 | 0.0 | 0.4 | 177 | 10.7 | 0.0 | 1.0 |
| | 452 TOTAL | 11781 | 10.1 | 10587 | 95 | 11781 | 10587 | 95.0 | 0.1 | 1.1 | 111 | 28.1 | 0.0 | 1.0 |

R102: SALE SUMMARY BY LOGGING METHOD
FOR CUT TREES ONLY
-- BOARD FOOT --
CRUISE#: 08107 SALE#: 08107
SALENAME: Carpenter Thin
RUN DATE & TIME: 08-12-2008 11:25:36

VERSION: 02.20.2007
VOLUME LIBRARY VERSION: 02.16.2007

| LOG METH | PROD UCT | GROSS BF | TOTAL DEF% | NET BF | ESTIM TREES | GROSS BF/ ACRE | NET BF/ ACRE | TREES/ ACRE | MEAN DBH | MEAN HGT | NET BF/ TREE | 16'LOGS/ GROSS MBF | AVG SLOPE | ACRES |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTALS/AVE | | 651213 | 9.3 | 590386 | 7219 | 13024 | 11808 | 721.9 | 10.0 | 75.2 | 16 | 33.5 | 0.0 | 50.0 |

R103: SALE SUMMARY BY LOGGING METHOD
FOR CUT TREES ONLY
-- CUBIC FOOT --
CRUISE#: 08107 SALE#: 08107
SALENAME: Carpenter Thin
RUN DATE & TIME: 08-12-2008 11:25:36

VERSION: 02.20.2007
VOLUME LIBRARY VERSION: 02.16.2007

| LOG MTH | PROD UCT | GROSS CF | TOTAL DEF% | NET CF | ESTIM TREES | GROSS CF/ ACRE | NET CF/ ACRE | TREES/ ACRE | MEAN DBH | MEAN HGT | NET CF/ TREE | 16'LOGS/ GROSS CCF | AVG SLOPE | ACRES |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 420 | 01 P | 21101 | 10.2 | 18950 | 1149 | 2638 | 2369 | 143.6 | 1.8 | 79.6 | 16 | 17.7 | 0.0 | 8.0 |
| | 01 TOTAL | 21101 | 10.2 | 18950 | 1149 | 2638 | 2369 | 143.6 | 1.8 | 14.0 | 16 | 17.7 | 0.0 | 8.0 |
| 420 | 08 P | 510 | 17.0 | 423 | 149 | 64 | 53 | 18.6 | 1.4 | 49.9 | 3 | 56.7 | 0.0 | 8.0 |
| 420 | 08 S | 1685 | 0.0 | 1685 | 0 | 211 | 211 | 0.0 | 0.0 | 0.0 | 0 | 0.0 | 0.0 | 8.0 |
| | 08 TOTAL | 2195 | 4.0 | 2108 | 149 | 274 | 264 | 18.6 | 1.4 | 10.7 | 14 | 13.2 | 0.0 | 8.0 |
| 420 | TOTAL | 23296 | 9.6 | 21059 | 1298 | 2912 | 2632 | 162.2 | 1.8 | 13.7 | 16 | 17.3 | 0.0 | 8.0 |
| 430 | 01 P | 89975 | 10.3 | 80745 | 5284 | 2195 | 1969 | 128.9 | 2.8 | 77.4 | 15 | 18.3 | 0.0 | 41.0 |
| | 01 TOTAL | 89975 | 10.3 | 80745 | 5284 | 2195 | 1969 | 128.9 | 2.8 | 20.9 | 15 | 18.3 | 0.0 | 41.0 |
| 430 | 08 P | 1856 | 17.0 | 1540 | 542 | 45 | 38 | 13.2 | 1.7 | 49.9 | 3 | 56.7 | 0.0 | 41.0 |
| 430 | 08 S | 7720 | 0.0 | 7720 | 0 | 188 | 188 | 0.0 | 0.0 | 0.0 | 0 | 0.0 | 0.0 | 41.0 |
| | 08 TOTAL | 9576 | 3.3 | 9260 | 542 | 234 | 226 | 13.2 | 1.7 | 13.0 | 17 | 11.0 | 0.0 | 41.0 |
| 430 | TOTAL | 99551 | 9.6 | 90005 | 5826 | 2428 | 2195 | 142.1 | 2.7 | 20.1 | 15 | 17.6 | 0.0 | 41.0 |
| 452 | 01 P | 2058 | 11.0 | 1833 | 90 | 2058 | 1833 | 90.0 | 0.2 | 83.4 | 20 | 15.6 | 0.0 | 1.0 |
| | 01 TOTAL | 2058 | 11.0 | 1833 | 90 | 2058 | 1833 | 90.0 | 0.2 | 1.2 | 20 | 15.6 | 0.0 | 1.0 |
| 452 | 08 P | 17 | 17.0 | 14 | 5 | 17 | 14 | 5.0 | 0.0 | 49.9 | 3 | 56.7 | 0.0 | 1.0 |
| 452 | 08 S | 120 | 0.0 | 120 | 0 | 120 | 120 | 0.0 | 0.0 | 0.0 | 0 | 0.0 | 0.0 | 1.0 |
| | 08 TOTAL | 137 | 2.1 | 134 | 5 | 137 | 134 | 5.0 | 0.0 | 0.4 | 27 | 7.1 | 0.0 | 1.0 |
| 452 | TOTAL | 2195 | 10.4 | 1967 | 95 | 2195 | 1967 | 95.0 | 0.1 | 1.1 | 21 | 15.1 | 0.0 | 1.0 |

R103: SALE SUMMARY BY LOGGING METHOD
FOR CUT TREES ONLY
-- CUBIC FOOT --
CRUISE#: 08107 SALE#: 08107
SALENAME: Carpenter Thin
RUN DATE & TIME: 08-12-2008 11:25:36

VERSION: 02.20.2007
VOLUME LIBRARY VERSION: 02.16.2007

| LOG METH | PROD UCT | GROSS CF | TOTAL DEF% | NET CF | ESTIM TREES | GROSS CF/ ACRE | NET CF/ ACRE | TREES/ ACRE | MEAN DBH | MEAN HGT | NET CF/ TREE | 16'LOGS/ GROSS CCF | AVG SLOPE | ACRES |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTALS/AVE | | 125042 | 9.6 | 113030 | 7219 | 2501 | 2261 | 721.9 | 10.0 | 75.2 | 3 | 17.5 | 0.0 | 50.0 |