

Timber on the Foley Butte Block was cruised by Atterbury Consultants, Inc. from April 3 to May 7, 2013.

Cruise Procedures

A total of 1,261 variable radius sample plots were measured at an average sample intensity of 1 plot per 23 acres. Plots were cruised using a basal area factor of 10, sighting the trees at dbh. Tree heights, diameters and form factors were measured at each plot location. Each sample tree log was sorted and graded for wood quality. A nested fixed radius plot of 11.78 feet was in-

stalled at the same sample point to tally trees 6 inches in diameter and smaller.

Timber volumes were calculated using SuperACE, a variable bole height, variable log length timber cruise program, which utilizes various taper equations to predict log diameters.

Overall, 10,600 trees were recorded and measured yielding a net Bf/Acre sample error of 2.7% at one standard deviation. Logs were cruised in 32-foot maximum lengths according to eastside grading rules. Minimum

Timber Inventory

