

**"Eldora's Zaliki" was biopsied as a 28 month old true black suri male with ARI#32451122. His 15X scan shows fiber clusters that are irregular in shape and size but rather uniform in placement within his connective tissue. His present density is 51.5 follicles SQ MM of skin and the S/P ratio from 25 typical fiber clusters is 10.1 to 1. Note the 5 fiber clusters on his scan picture show an S/P of 9.8 to 1. Note on the 250x scan the presence of derived secondary or maturing secondary fibers which are not included in his measurements of microns for 100 secondary fibers. Also note on Zaliki's density scan when you observe carefully the presence of very small black dots which with good nutrition should likely mature as secondary fibers in the next few months. Bottom line is that this is not uncommon for large framed (FS-3 alpacas) and in 6 to 12 months his biopsy density may a few points higher. (Likely 55 or so) His S/P ratio will not likely change much as I included this count in his 25 S/P fiber cluster count. He shows level 4 of 4 gland presence. Less than 10% of his secondary fibers show as round. 100% of his secondary fibers show a level of medullation. 100 secondary fibers average 21.5 microns while 50 primary fibers average 33.3 microns for a variation of 11.8 microns. Zaliki's density and fineness of secondary fibers are certainly above average for black suri males that I have evaluated.**

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