Meeting: 999, Nashville, Tennessee, SS 10A, Special Session on Geometry of Hyperbolic Manifolds

999-57-212 **Joshua B Barnard*** (jbarnard@math.ou.edu), Department of Mathematics, University of Oklahoma, Norman, OK 73019. *Geometric tameness in three-manifolds with word-hyperbolic fundamental group.*

We discuss certain surface subgroups of word-hyperbolic closed three-manifold groups which are bounded in a reasonable sense geometrically analogous to the way in which pleated surfaces in hyperbolic three-manifolds have bounded diameter, and we show that such surface groups are tame. The proof generalizes Bonahon's technique for shortening laminations in hyperbolic three-manifolds. (Received August 23, 2004)