



Figure 2. Relationship between sediment load model prediction (distributed over total upstream miles and mean channel width) **and measured sediment particle size and deposition** at each stream site (2000 and 2001 sampling). Upper panel is the log-transformed geometric mean particle size, and middle panel is the untransformed plot of the same data. Lower panel is the percent fines and sand. Data comes from low gradient (<2%) stream types from both years of sampling and open symbols are Squaw meadows sites. Some sites are repeated (both years) but were assigned the same sediment load (based on maximum load potential for a high flow year at each site). Observed conditions match the predicted sediment exposure.