



**Figure 3:** Structure contour diagram of the weathered surface atop the San Bernardino Mountains. Darker contours represent 1000 ft index contours. Only faults that disrupt the elevation of the weathered surface are shown. BBB = Big Bear block, SGB = San Geronimo block, BFFZ = Barton Flats fault zone, BH1/2 = Bighorn faults, CF = Cleghorn fault, CSRS = Cedar Springs reverse system, GVF = Green Valley fault zone, HF1/2 = Helendale faults, NFTA = North Frontal thrust system, MVF = Morgongo Valley fault, PCF = Pipes Canyon fault, PMF = Pinto Mountain fault, SAT = Santa Ana thrust, WCF = Waterman Canyon fault, BBL = Big Bear Lake, BL = Baldwin Lake.