

Southwest

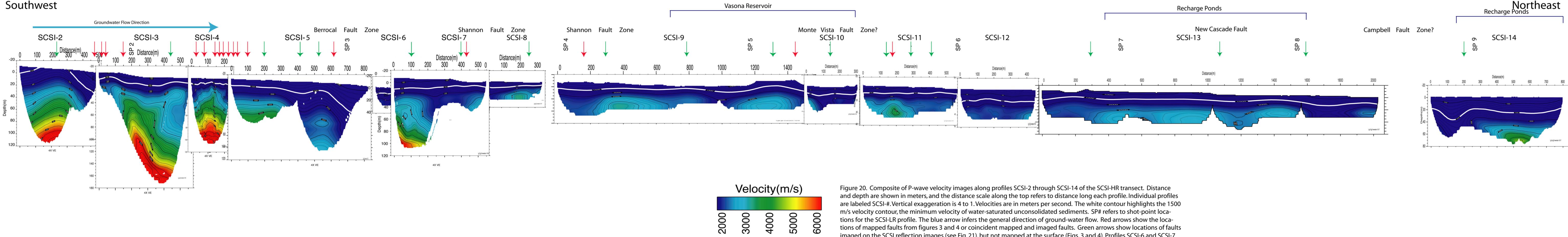


Figure 20. Composite of P-wave velocity images along profiles SCSI-2 through SCSI-14 of the SCSI-HR transect. Distance and depth are shown in meters, and the distance scale along the top refers to distance long each profile. Individual profiles are labeled SCSI-#. Vertical exaggeration is 4 to 1. Velocities are in meters per second. The white contour highlights the 1500 m/s velocity contour, the minimum velocity of water-saturated unconsolidated sediments. SP# refers to shot-point locations for the SCSI-LR profile. The blue arrow infers the general direction of ground-water flow. Red arrows show the locations of mapped faults from figures 3 and 4 or coincident mapped and imaged faults. Green arrows show locations of faults imaged on the SCSI reflection images (see Fig. 21), but not mapped at the surface (Figs. 3 and 4). Profiles SCSI-6 and SCSI-7 overlap in 2-D cross-sectional view (see Fig. 2a).