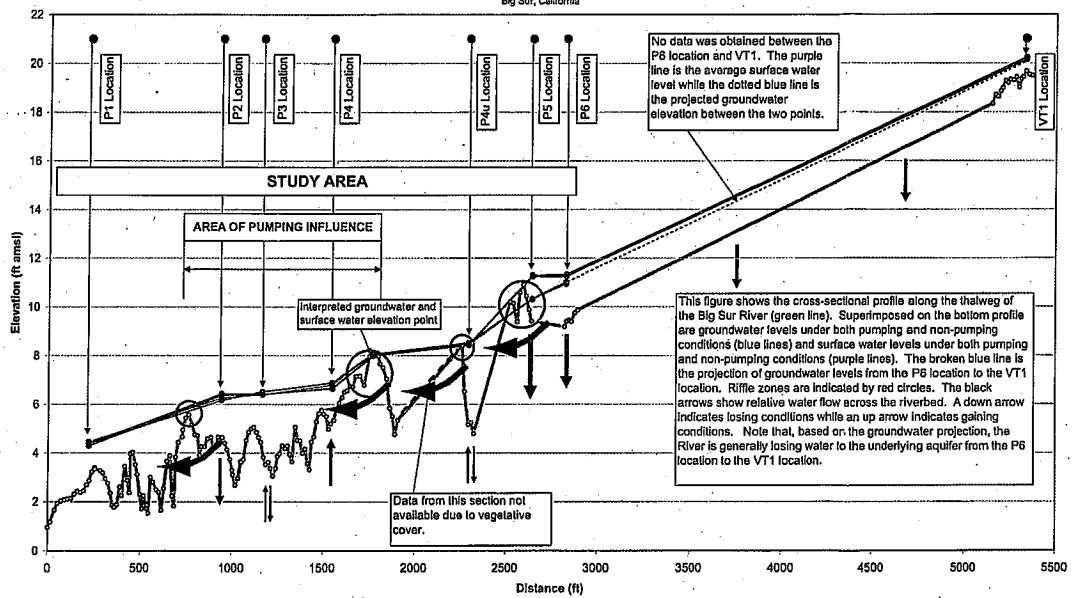


From Buffington and Tonina, 2009

Figure 3-18
Longitudinal Profile
El Sur Ranch
Big Sur, California



No data was obtained between the P6 location and VT1. The purple line is the average surface water level while the dotted blue line is the projected groundwater elevation between the two points.

This figure shows the cross-sectional profile along the thalweg of the Big Sur River (green line). Superimposed on the bottom profile are groundwater levels under both pumping and non-pumping conditions (blue lines) and surface water levels under both pumping and non-pumping conditions (purple lines). The broken blue line is the projection of groundwater levels from the P6 location to the VT1 location. Riffle zones are indicated by red circles. The black arrows show relative water flow across the riverbed. A down arrow indicates losing conditions while an up arrow indicates gaining conditions. Note that, based on the groundwater projection, the River is generally losing water to the underlying aquifer from the P6 location to the VT1 location.

Data from this section not available due to vegetative cover.

— Riverbottom Profile • Data Collection Points —○— Pre-pumping GW —○— Both Pumping GW —○— Pre-pumping River —○— Both Pumping River