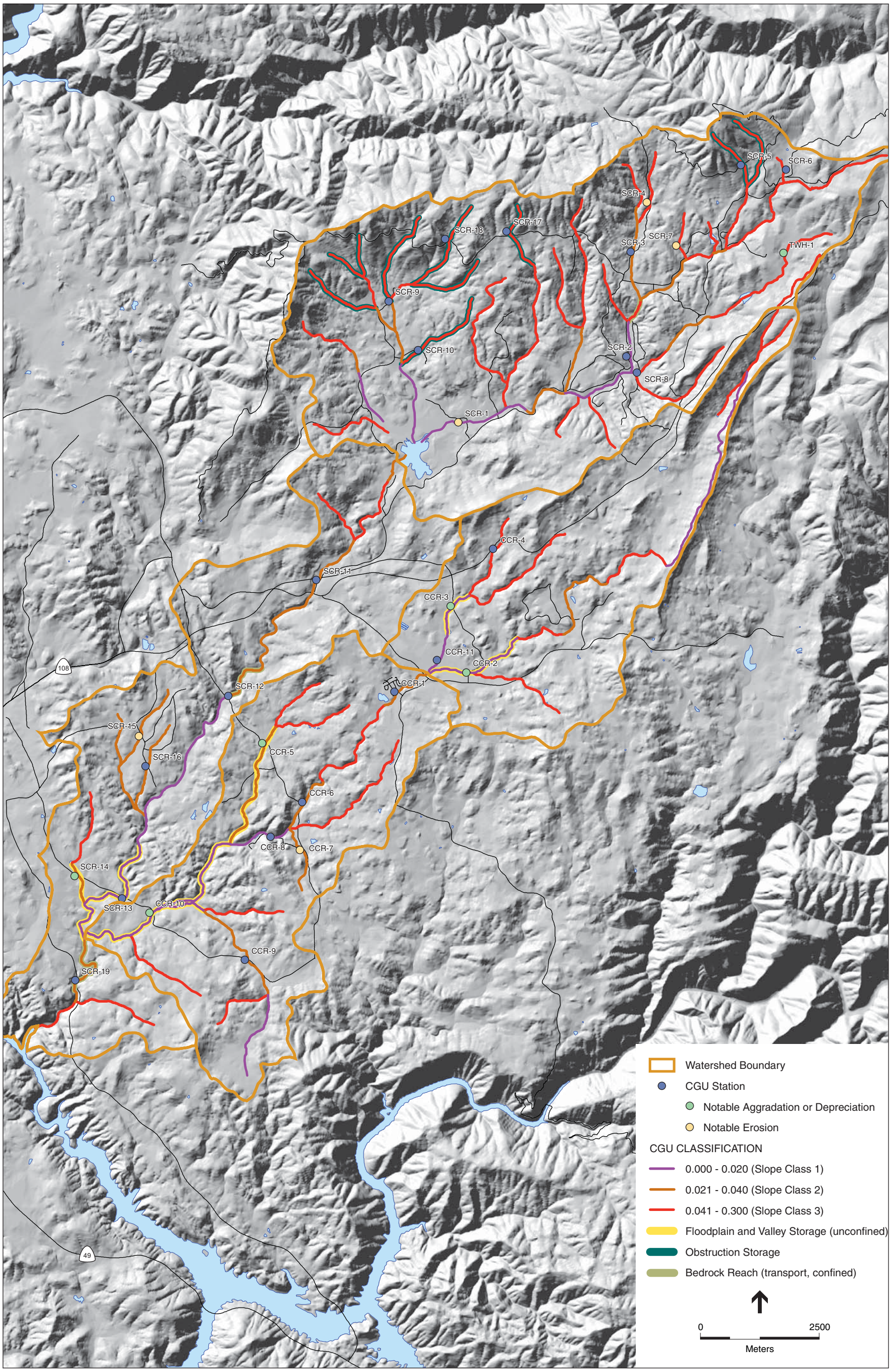

SOURCE: [SOURCE? YEAR?]; and ESA, 2006

Figure 4-10

Sullivan Creek Watershed Channel Geomorphic Units and Station Locations

SCR-12. Sullivan Creek, above Lime Kiln Road, where the waterway has incised deeply into rocks associated with the Calaveras Complex.

SOURCE: ESA, 2006

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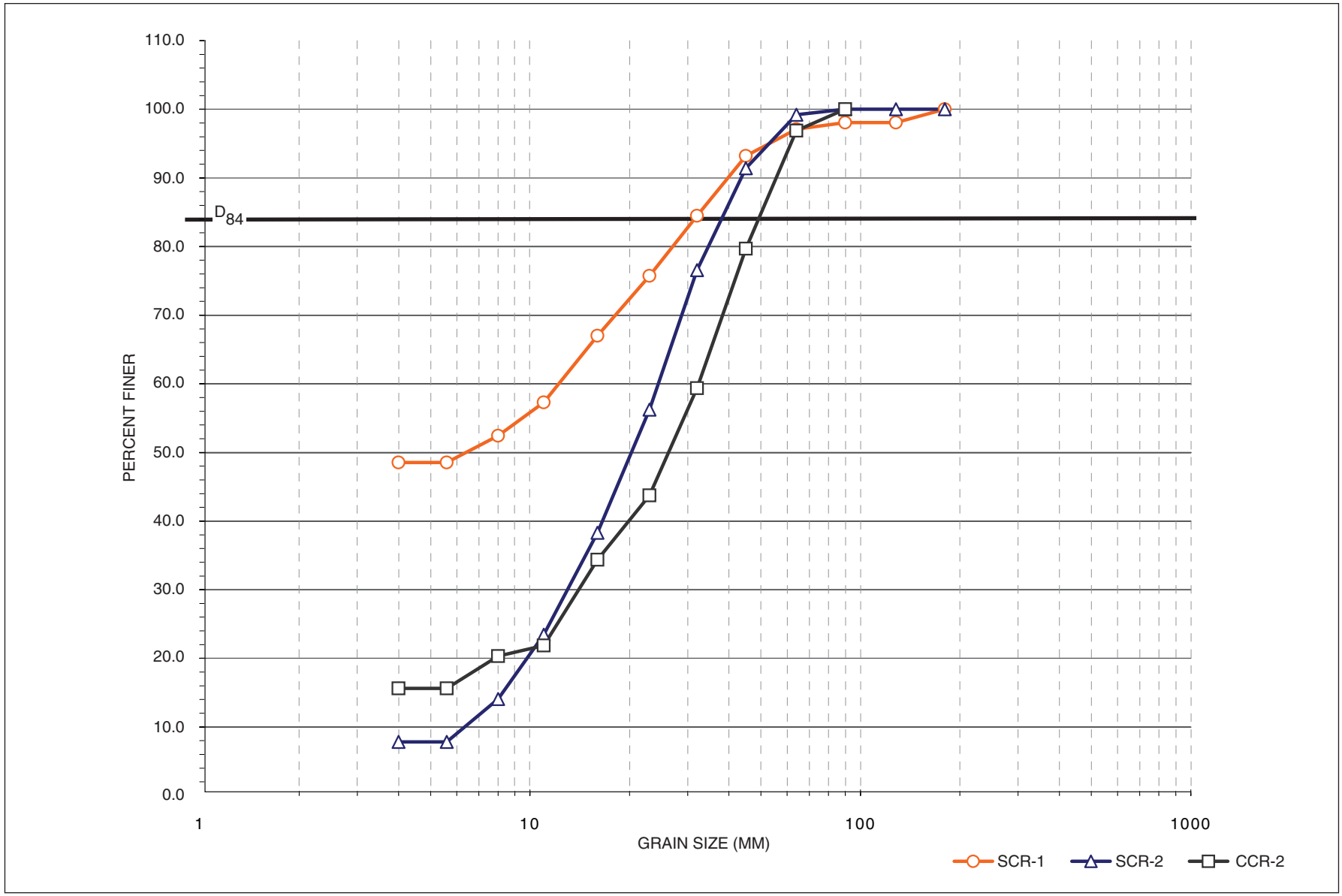
Figure 4-19

CGU – Bedrock Reach



SOURCE: ESA, 2006

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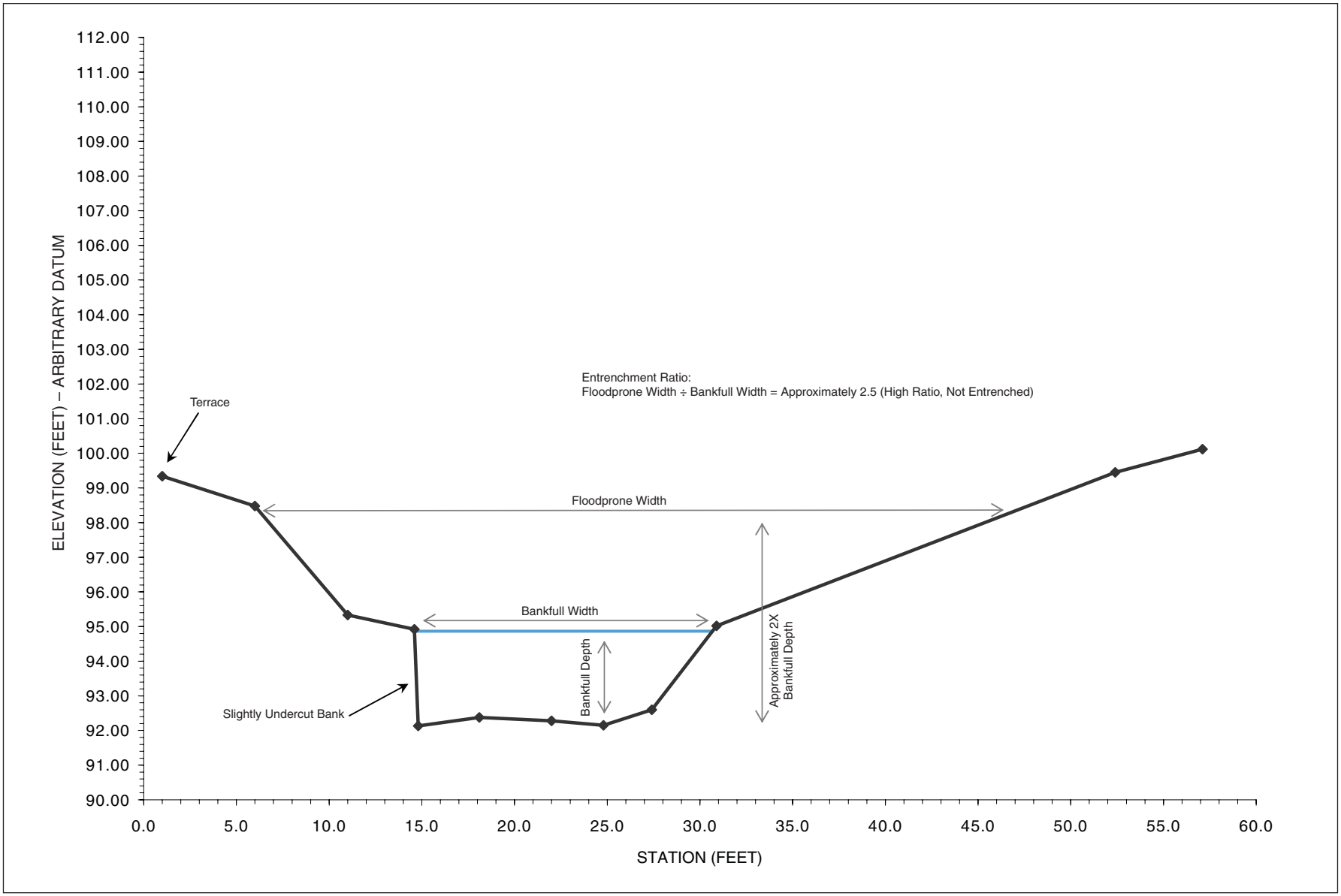
Figure 4-11
Pebble Counts



SOURCE: ESA, 2006

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Figure 4-12
Cross-Section at SCR-1

SCR-2. Sullivan Creek, near Phoenix Lake Road, exhibiting shallow slope gradient, accumulation of woody debris, and cobble-dominated bed.

SOURCE: ESA, 2006

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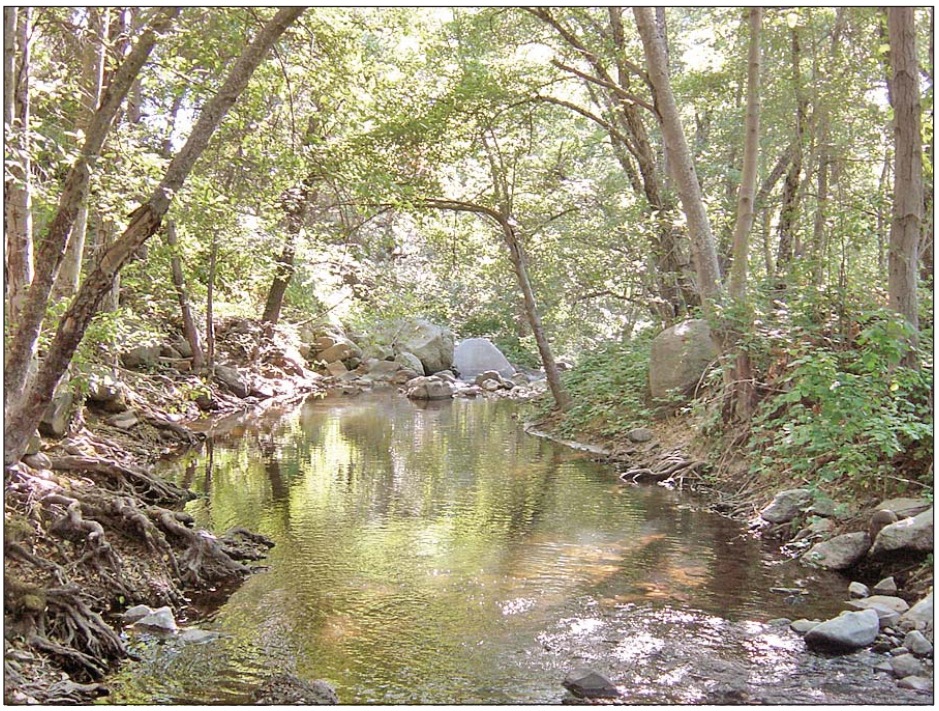
Figure 4-13

CGU – Slope Class 1



SCR-11. Sullivan Creek, downstream of Phoenix Lake. Morphology is step-pool and pool-riffle, with minimal sediment accumulation or storage in this reach.

SOURCE: ESA, 2006

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Figure 4-14

CGU – Slope Class 2

SCR-2. Downstream vantage of a low gradient reach along the mainstream of Upper Sullivan Creek. Bar formation and sand accumulation suggest this channel reach is transport limited.

SOURCE: ESA, 2006

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Figure 4-15

CGU – Slope Class 3

CCR-5. Tributary to Curtis Creek. Contributing drainages, downstream of Lime Kiln Road, begin to exhibit marked transitions to transport-limited waterways.

SOURCE: ESA, 2006

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Figure 4-16

CGU – Floodplain and Valley Storage

CCR-10. Lower mainstream of Curtis Creek, above Algerine Road. Floodplain and terrace development becomes more obvious at this reach.

SOURCE: ESA, 2006

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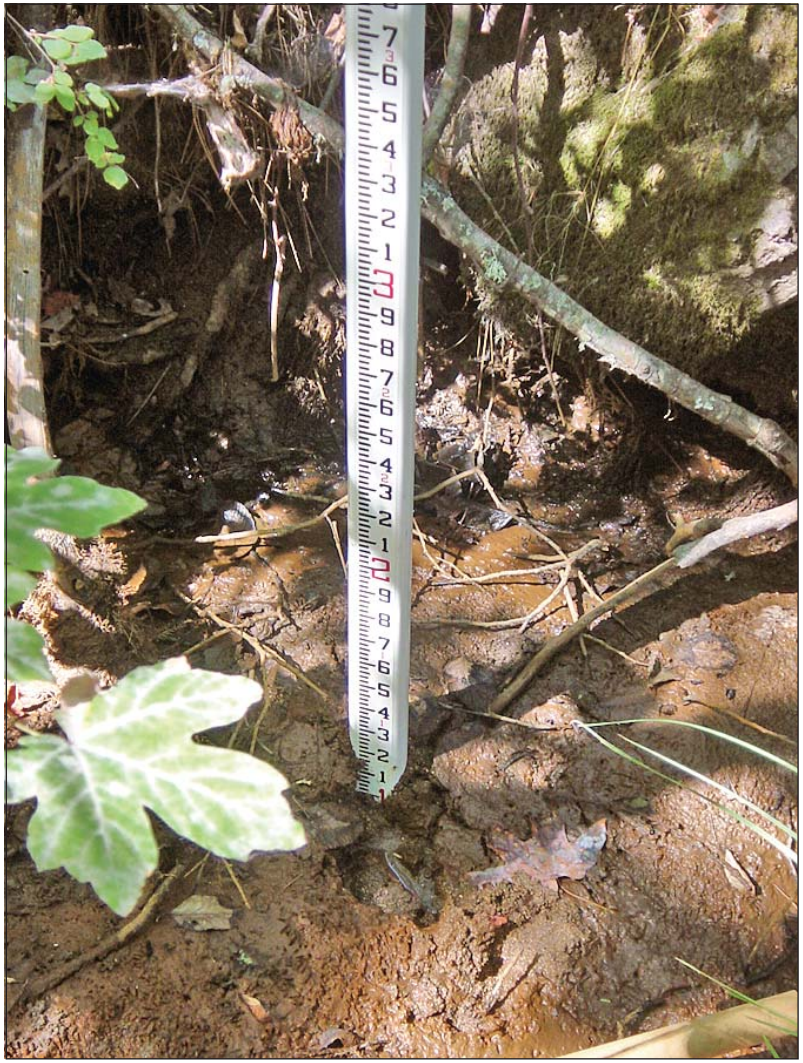
Figure 4-17

CGU – Floodplain and Valley Storage

SCR-10. Looking downstream; channel morphology is cascade/step-pool. Large amounts of sediment are stored behing channel obstructions (e.g., boulders).



SCR-10. Close-up of silt and sand accumulation within channels; upstream of local obstructions.

SOURCE: ESA, 2006

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Figure 4-18

CGU – Obstruction Storage