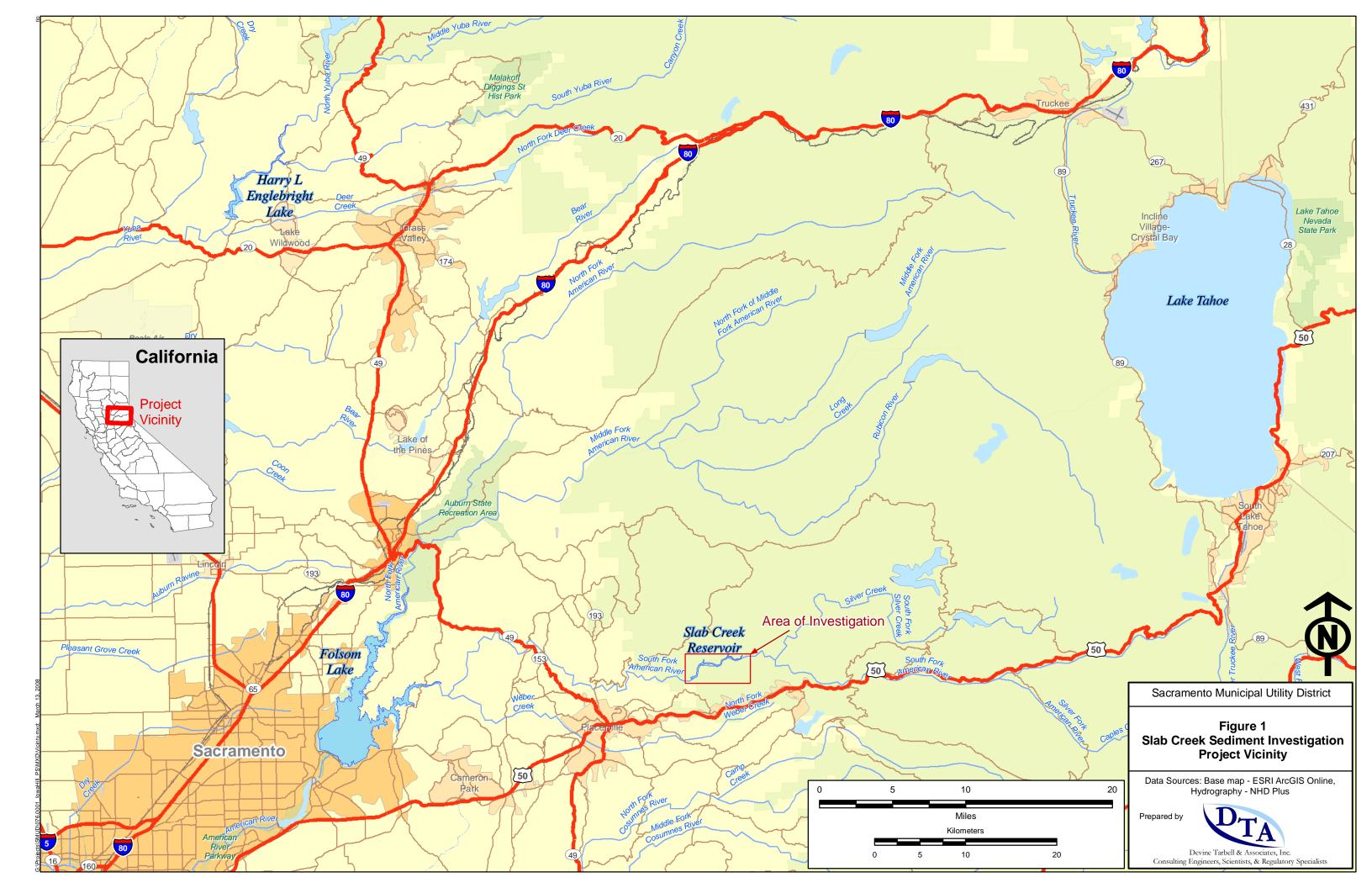
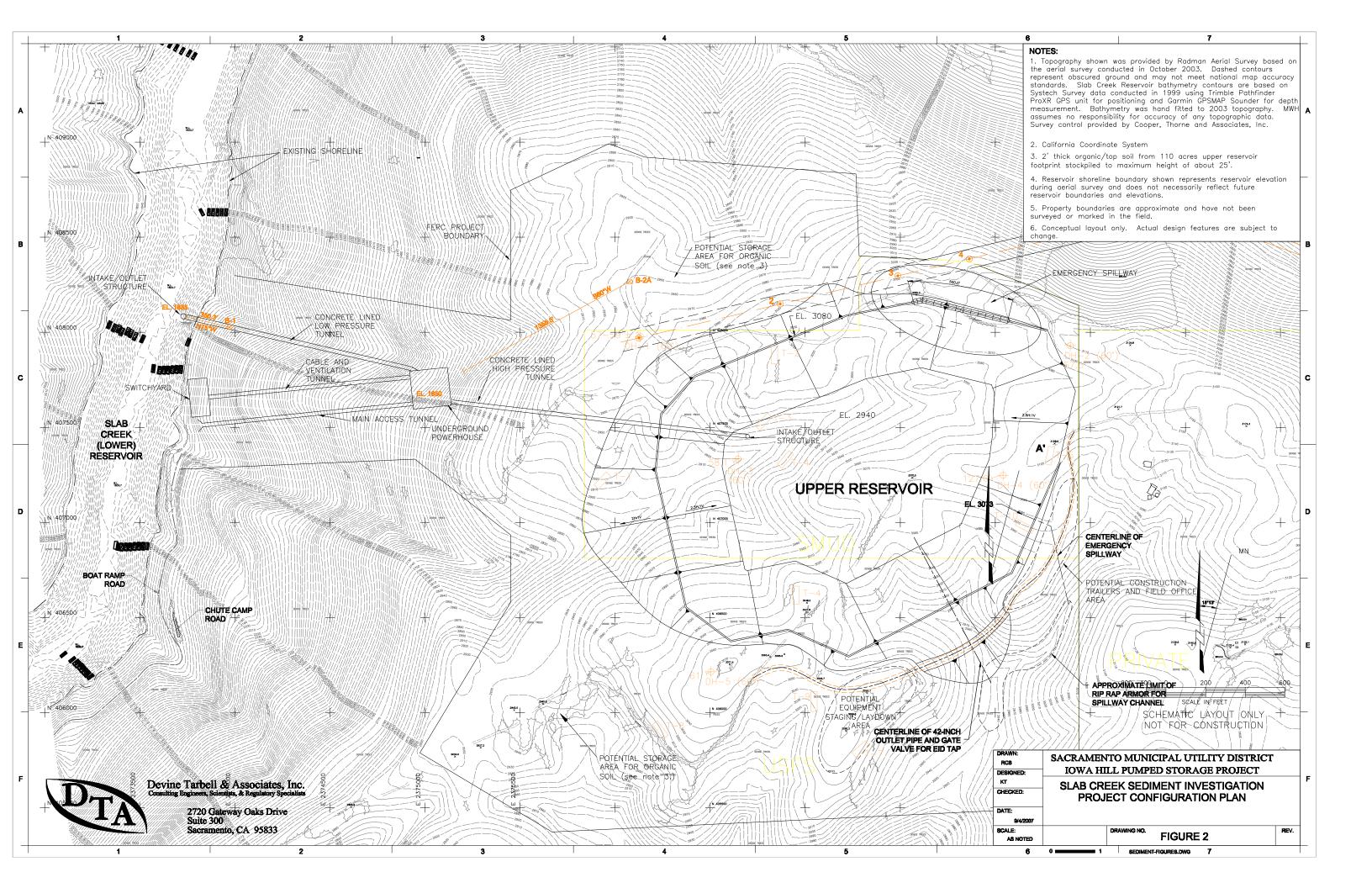
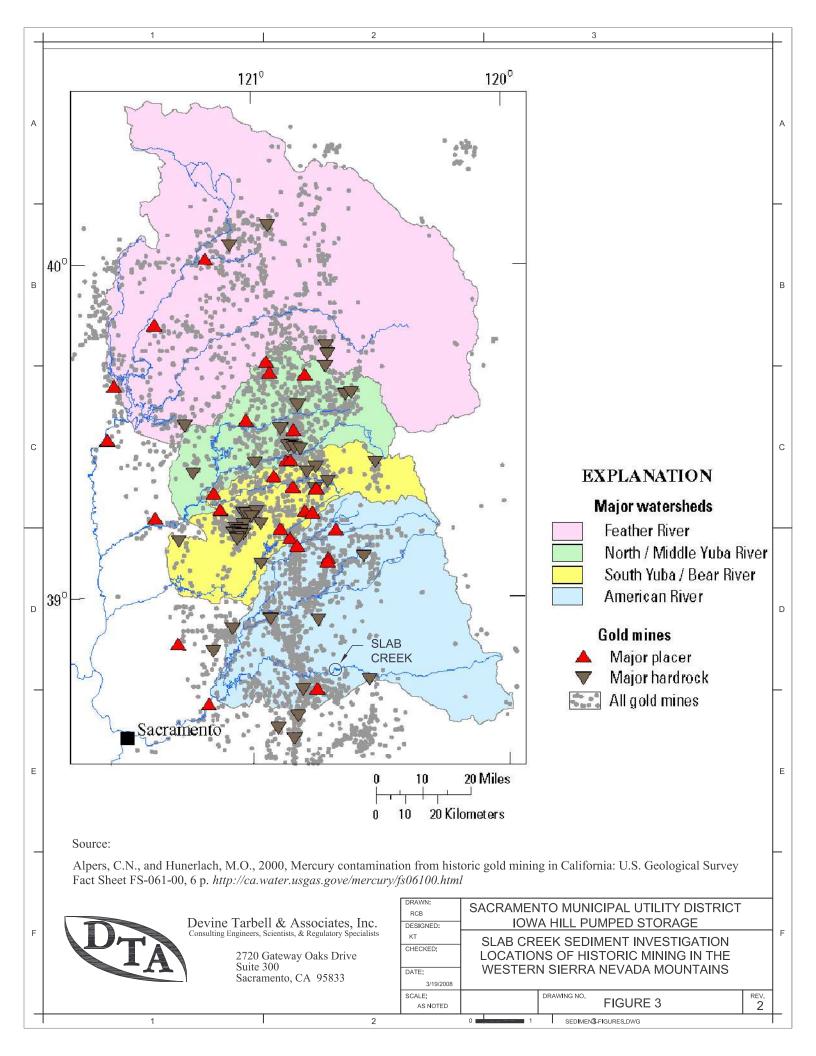
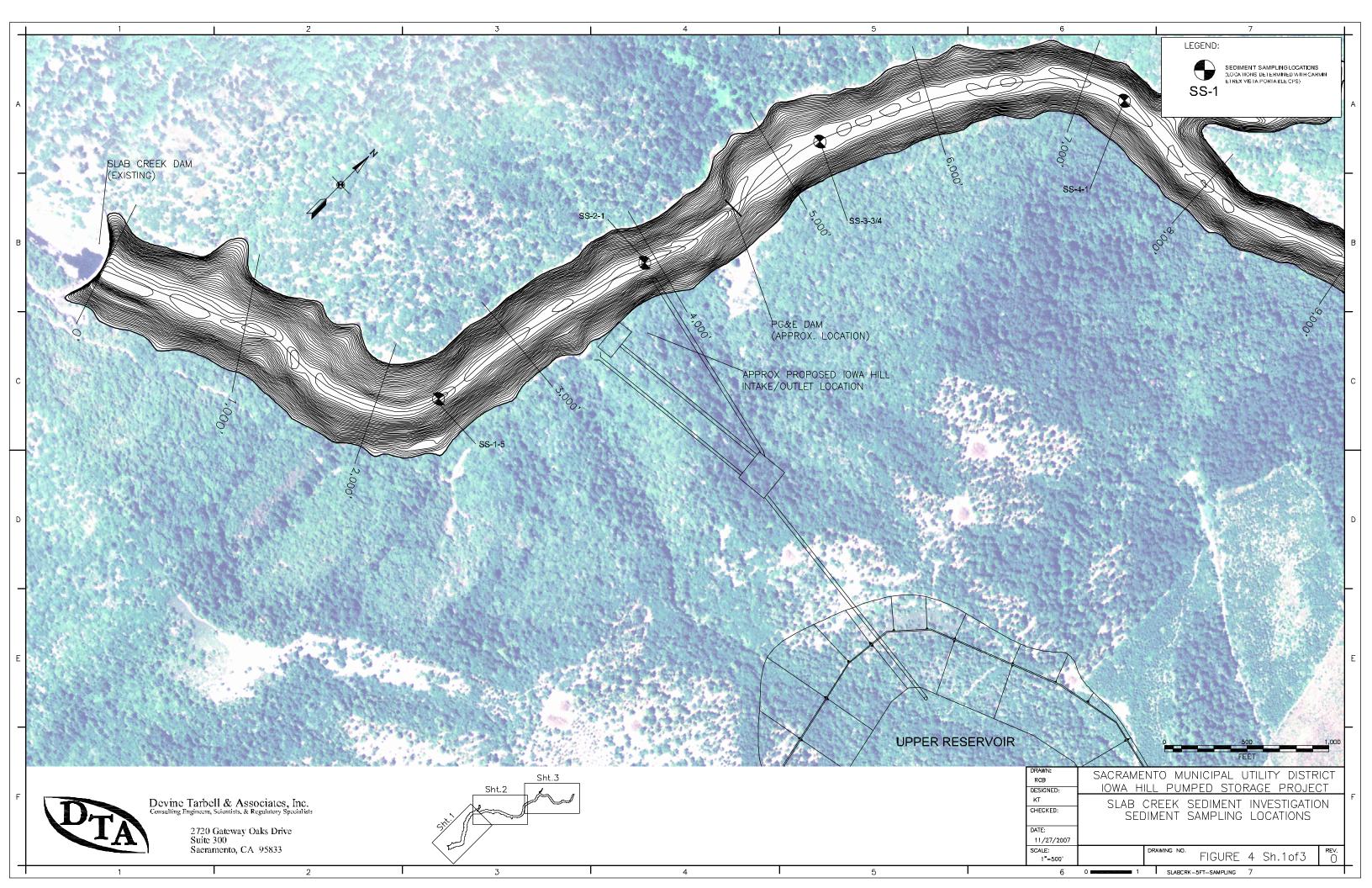
Figures

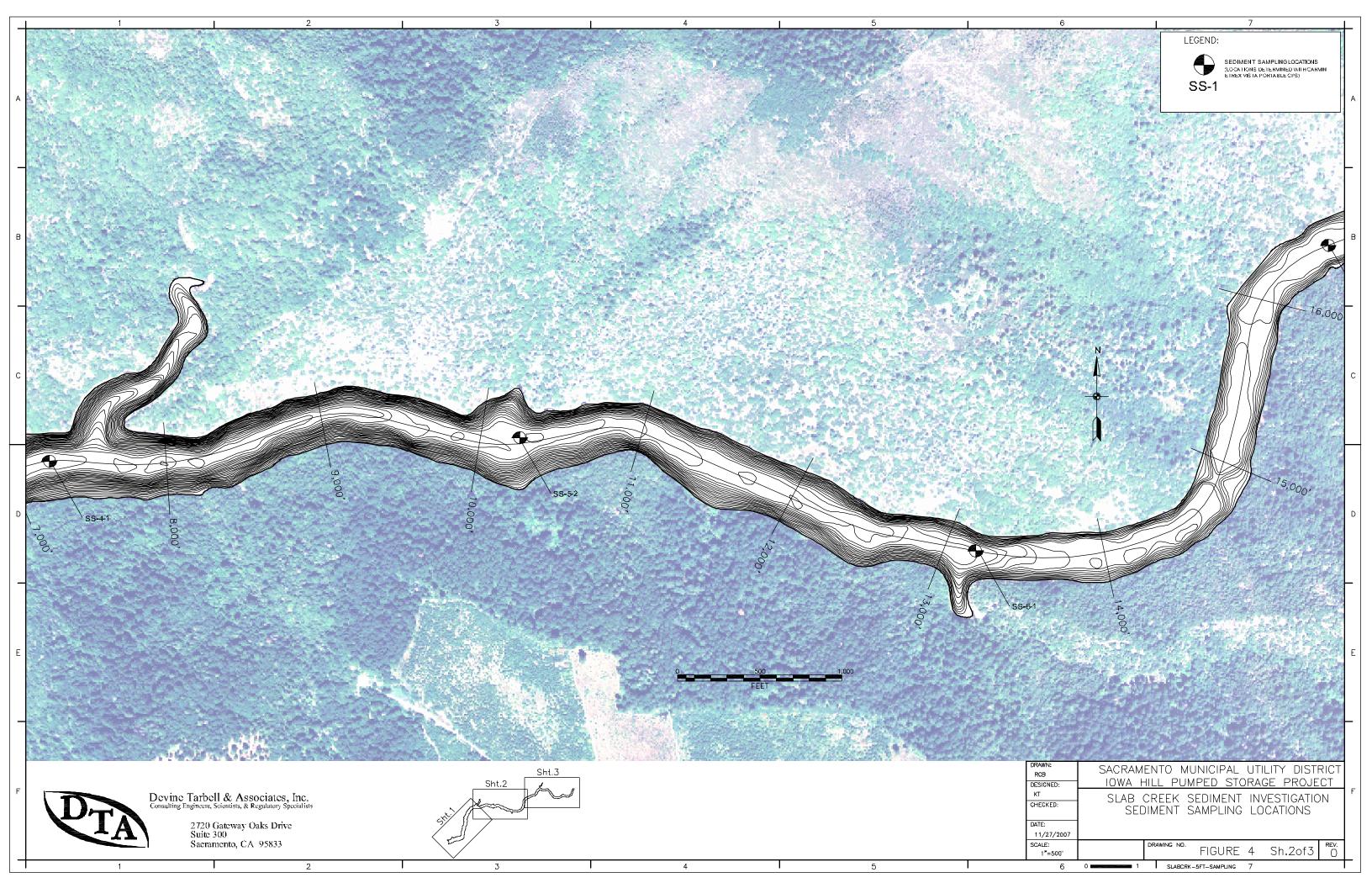
- Figure 1 General Project Location
- Figure 2 Project Configuration Plan
- Figure 3 Locations of Historic Mining in the Western Sierra Nevada
- Figure 4 Slab Creek Reservoir Sediment Sampling Locations
- Figure 5 2007 Longitudinal Profile of Slab Creek Reservoir with Proposed Iowa Hill Intake/Outlet Shown Schematically
- Figure 6 Total Mercury Analytical Results (ng/g)
- Figure 7 Methylmercury Analytical Results (ng/g)
- Figure 8 Combined Total Mercury and Methylmercury Analytical Results (ng/g)
- Figure 9 Grain Size Distribution Results

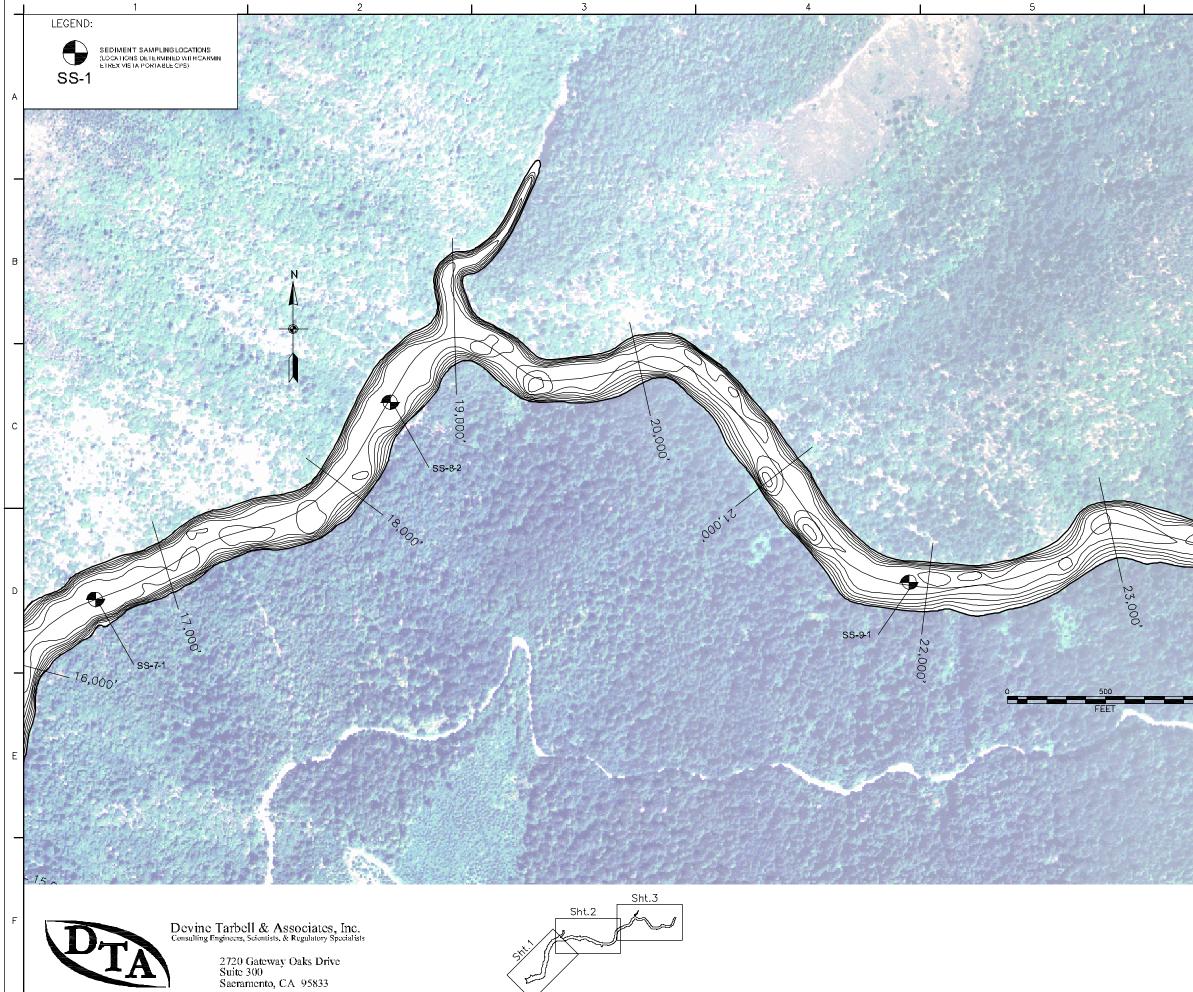




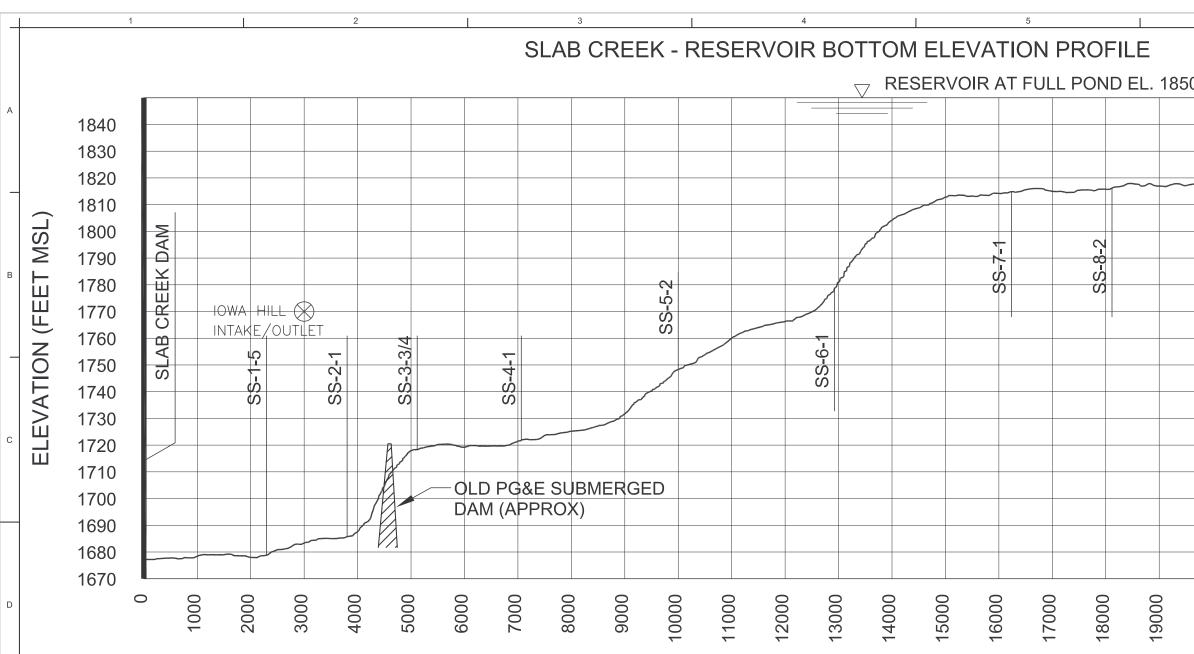








| 6 | δ 7 | | | | | |
|---|---|---|--|--|--|--|
| | | ~ | | | | |
| | | В | | | | |
| | 25,000, | С | | | | |
| | P. 55-10-2 0 0. | D | | | | |
| 1,000 | | E | | | | |
| Carl I | | | | | | |
| DRAWN: RCB DESIGNED: KT CHECKED: DATE: | SACRAMENTO MUNICIPAL UTILITY DISTRICT IOWA HILL PUMPED STORAGE PROJECT SLAB CREEK SEDIMENT INVESTIGATION SEDIMENT SAMPLING LOCATIONS | F | | | | |
| 11/27/2007 SCALE: | drawing no. FIGURE 4 Sh.3of3 () | | | | | |
| 1*=500' | FIGURE 4 SN.JOTJ () | - | | | | |



3

DISTANCE FROM DAM (FEET)

Longitudinal profile of Slab Creek Reservoir, showing the location of the Iowa Hill Development intake/outlet structure, the assumed pre-Slab Creek Dam thalweg, and estimated water surface at normal drawdown reservoir level (1815ft). Thalweg elevations are derived from the 2007 bathymetric survey data.

4

5

Devine Tarbell & Associates, Inc.

2720 Gateway Oaks Drive Suite 300 Sacramento, CA 95833

& Regulator

2

| | 6 | | | | 7 | , | | \vdash |
|-------|--------------------|----------|----------|----------------------|-----------|-----------------------|----------|----------|
| | | | | | | | | |
| 50 (/ | APPRO | DX) | | | | | | |
| | | , | | | | | | A |
| | | | | | | | | |
| | | | | | <u> </u> | | | |
| | \sim | | ~ | | | | | |
| | | | | | | | | \vdash |
| | | | | | | | | |
| | | <u>_</u> | | 10-2 | | | | |
| | | SS-9-1 | | | | | | в |
| | | S S | | , v | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | \vdash |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | С |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| C | | | | | | | ` | |
| 20000 | 21000 | 22000 | | | | 26000 | | D |
| 20 | 21 EV | | 33 1 | 24 | | 26 26 | 1 | |
| | | | | | | | | |
| | | | | | | | | L |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | E |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | L |
| | | | | | | | | |
| - | DDAWAS | | | | | | | |
| | DRAWN: RCB | 1 | | | | TY DISTR E PROJECT | | |
| | DESIGNED: KT | | | | | STIGATIO | | F |
| | CHECKED: | LON | GITUDIN/ | AL PROF | ILE OF R | ESERVOI CHEMATIC | R | |
| | DATE: 3/20/2008 | | | | 101010 20 | | | |
| | SCALE: AS NOTED | | DRAW | ^{ING NO.} F | IGURE 5 | | REV. | L |
| | 6 | 0 | 1 | SEDIMENT-EIGU | RES DWG 7 | , | | 1 |

