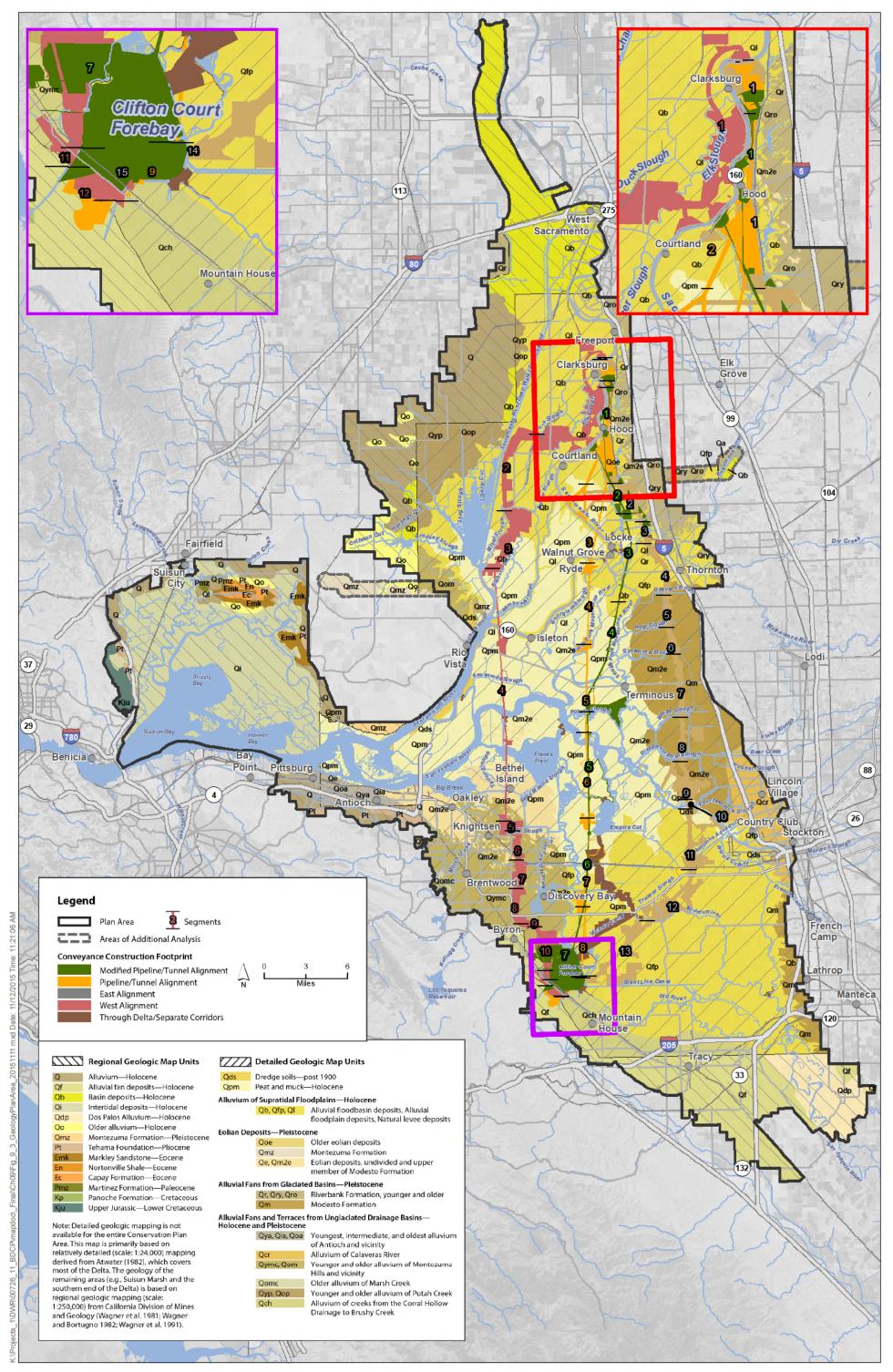


 $Source:\ Based\ on\ California\ Department\ of\ Conservation,\ California\ Geological\ Survey,\ Note\ 17,\ page\ 3,\ 2002.$

Note: This geologic timescale is based on the time scale used by the California Geological Survey (CGS) (2002). The more recent U.S. Geological Survey geologic time scale (2010), which has revised age boundaries, is not used because it was published after the publication of the geologic maps used in this report.



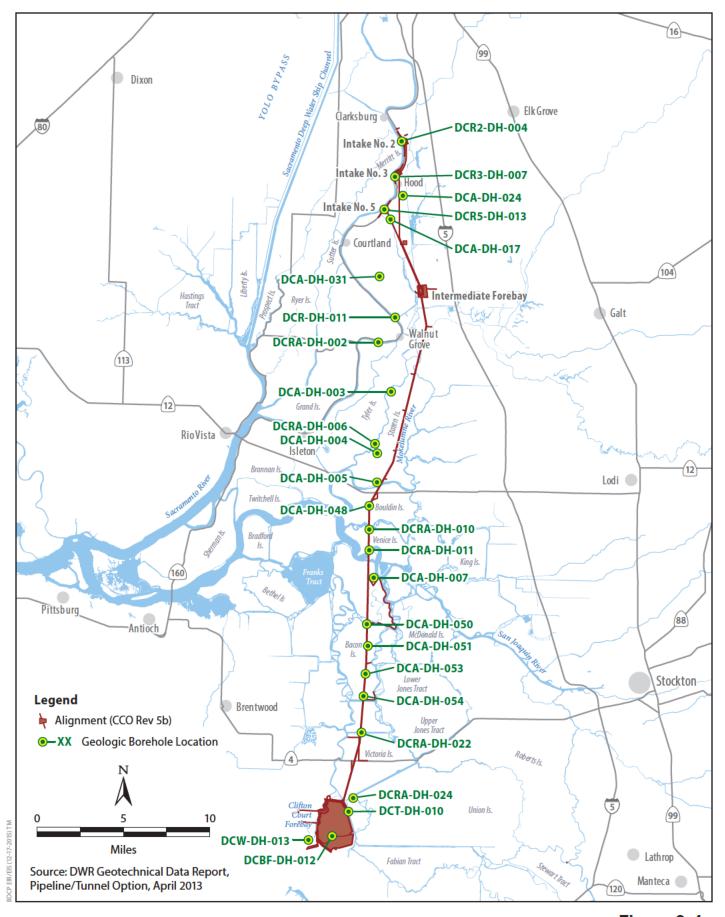
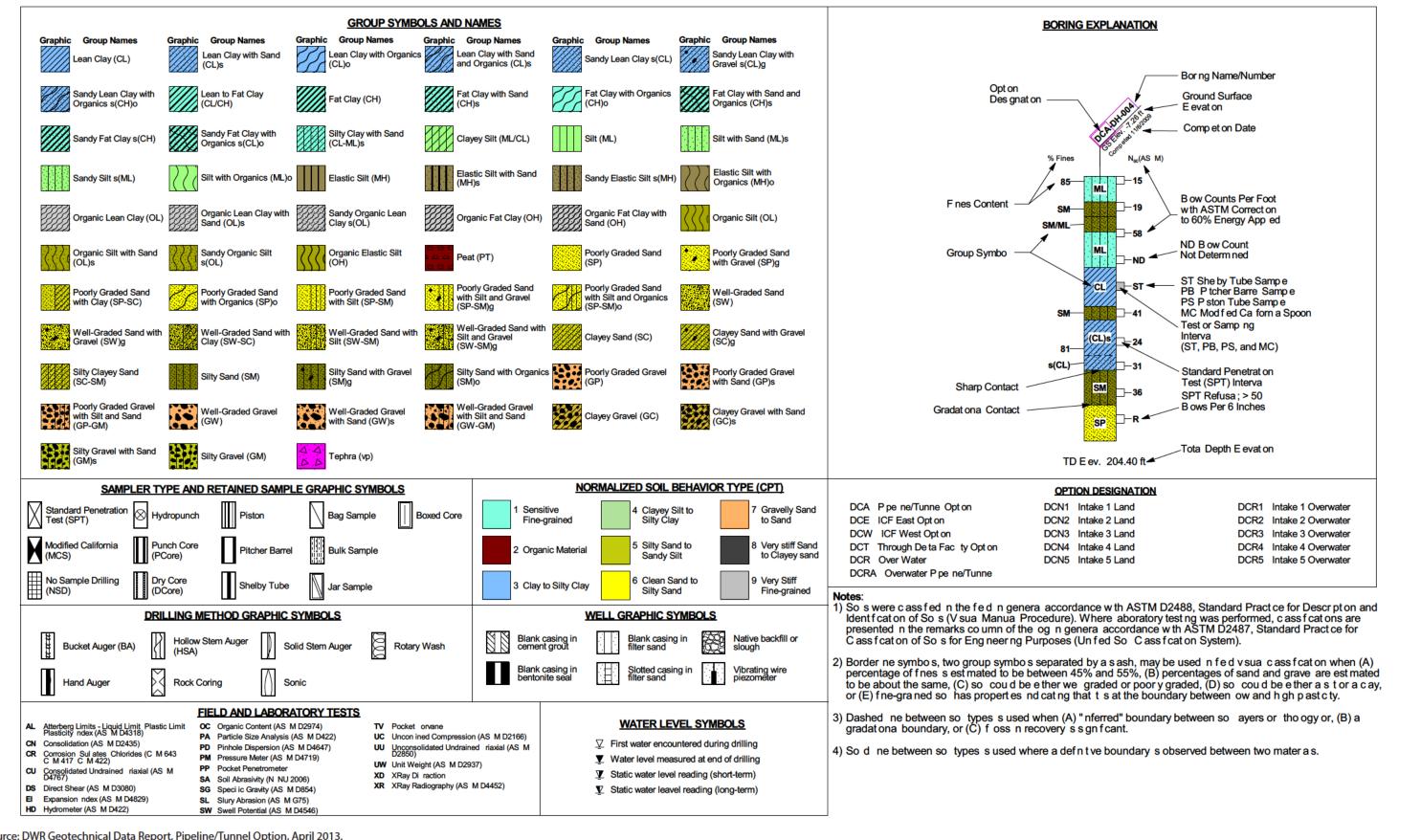


Figure 9-4a Geologic Borehole Locations



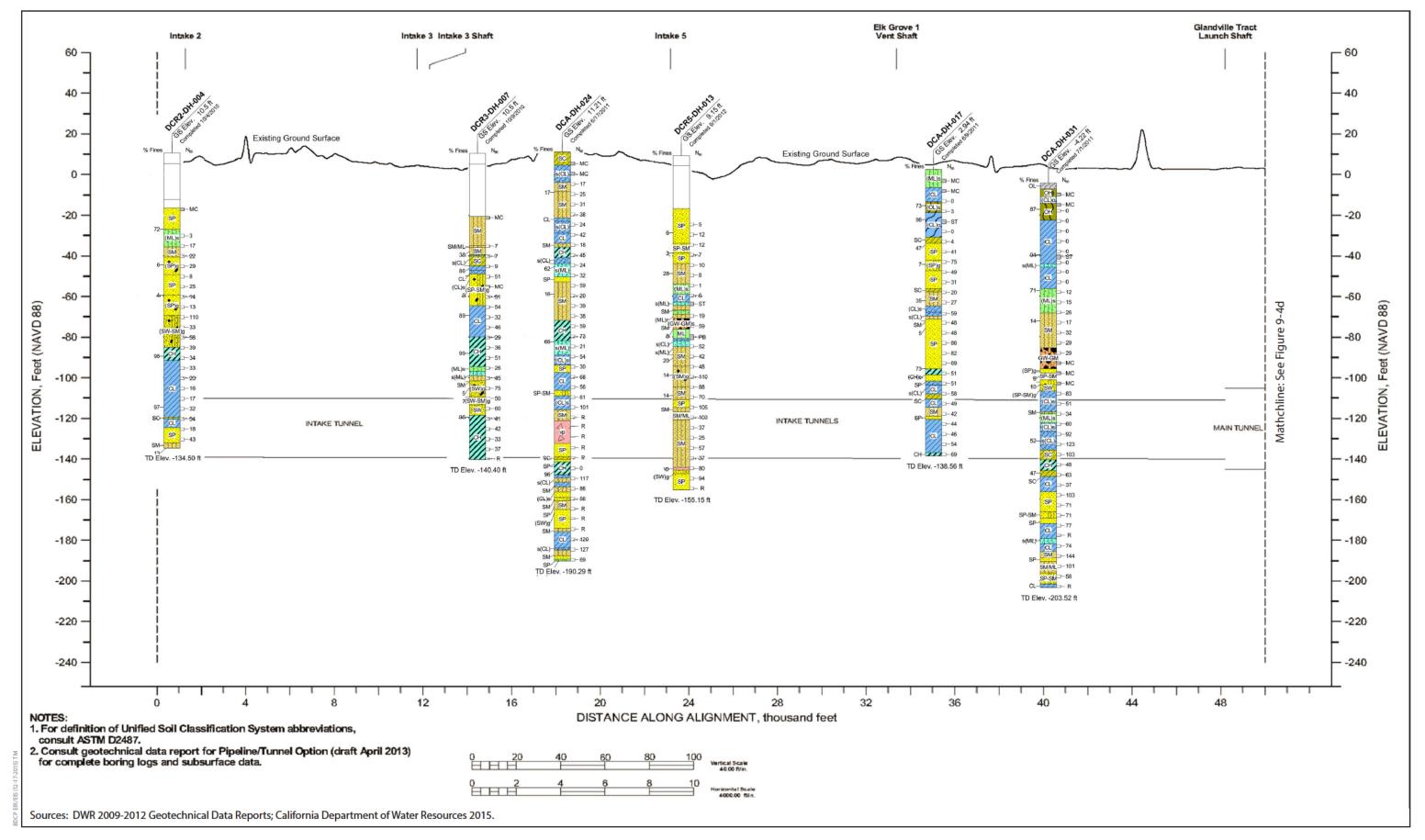


Figure 9-4c Geologic Borehole Logs in the Vicinity of Proposed Tunnels

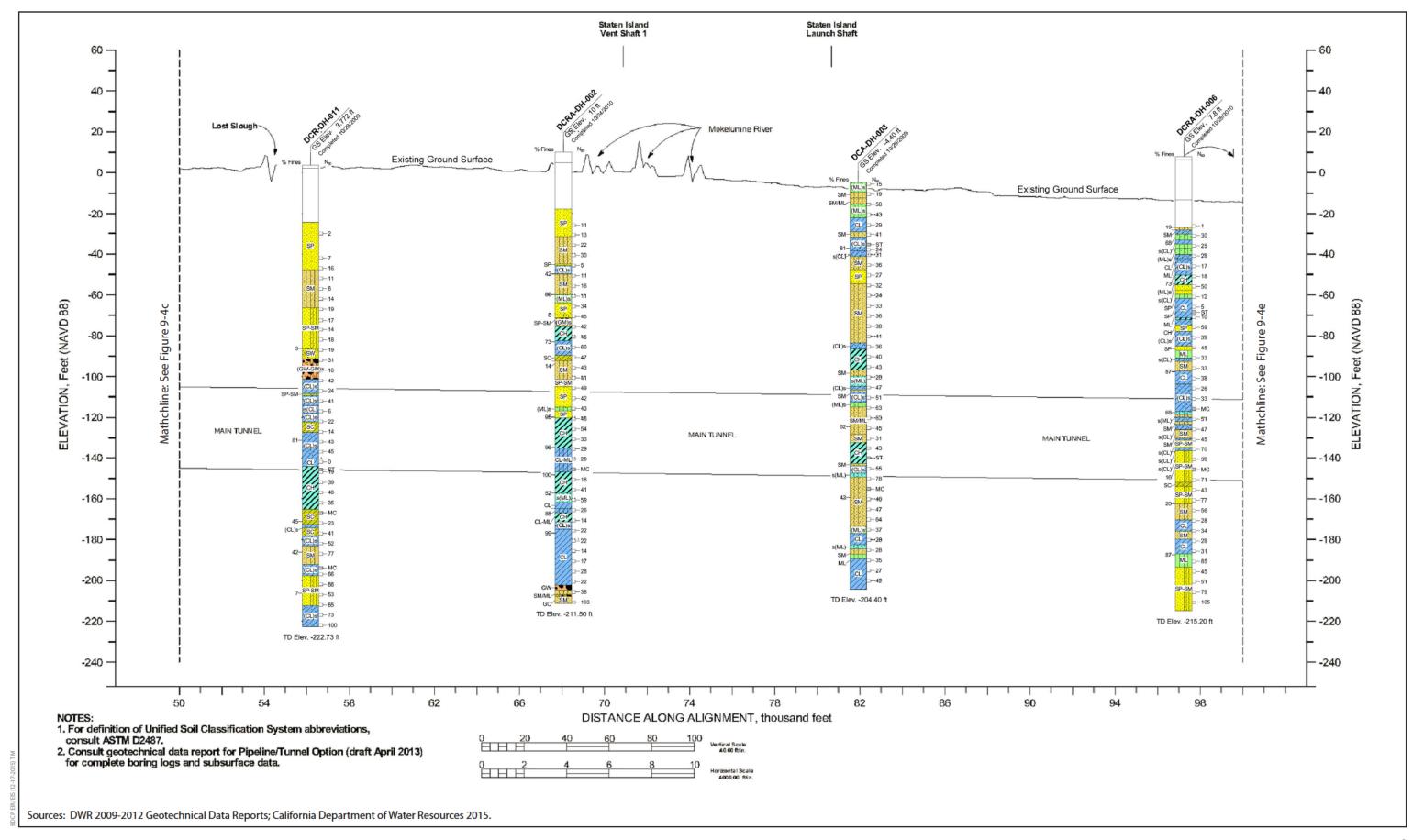


Figure 9-4d Geologic Borehole Logs in the Vicinity of Proposed Tunnels

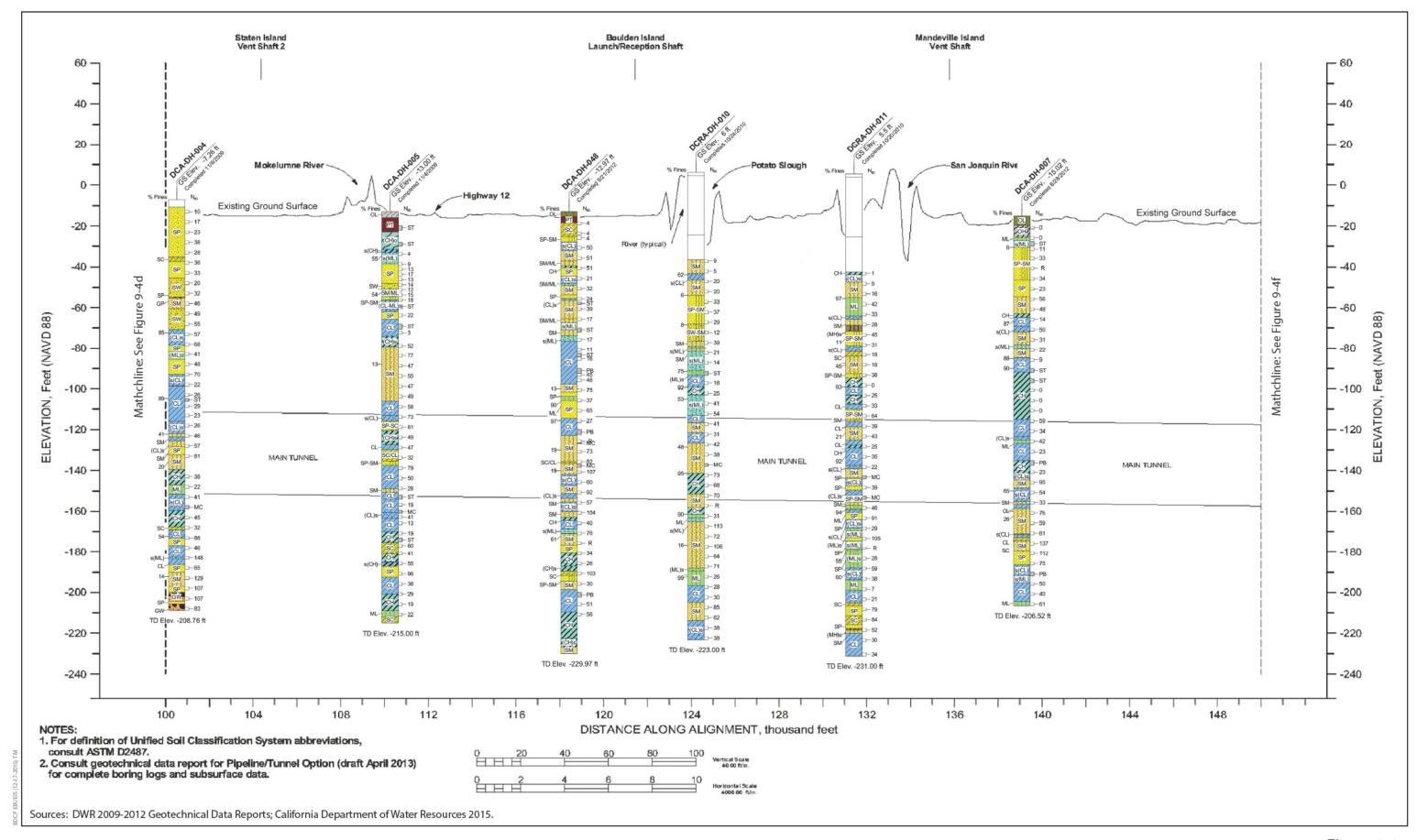


Figure 9-4e Geologic Borehole Logs in the Vicinity of Proposed Tunnels

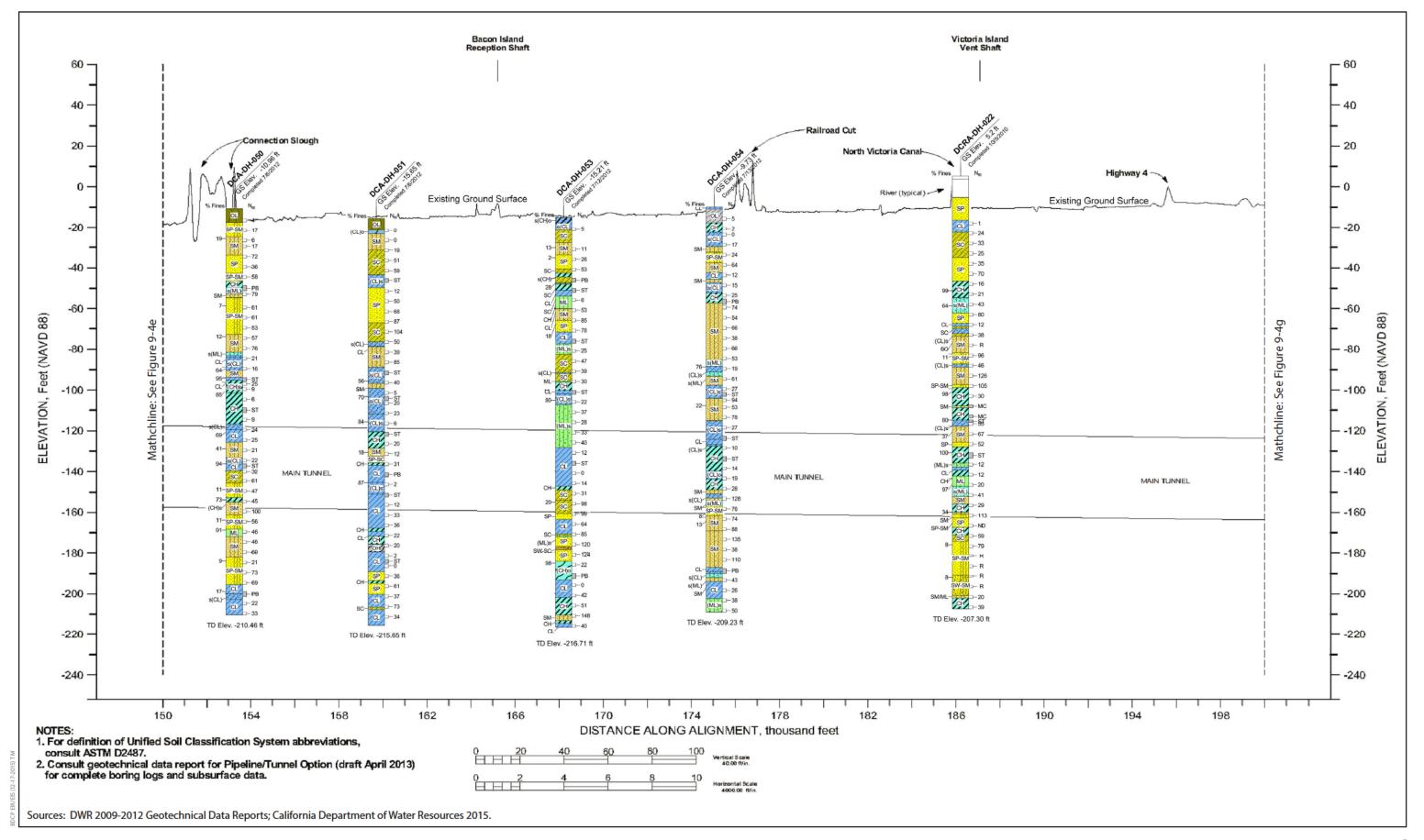


Figure 9-4f Geologic Borehole Logs in the Vicinity of Proposed Tunnels

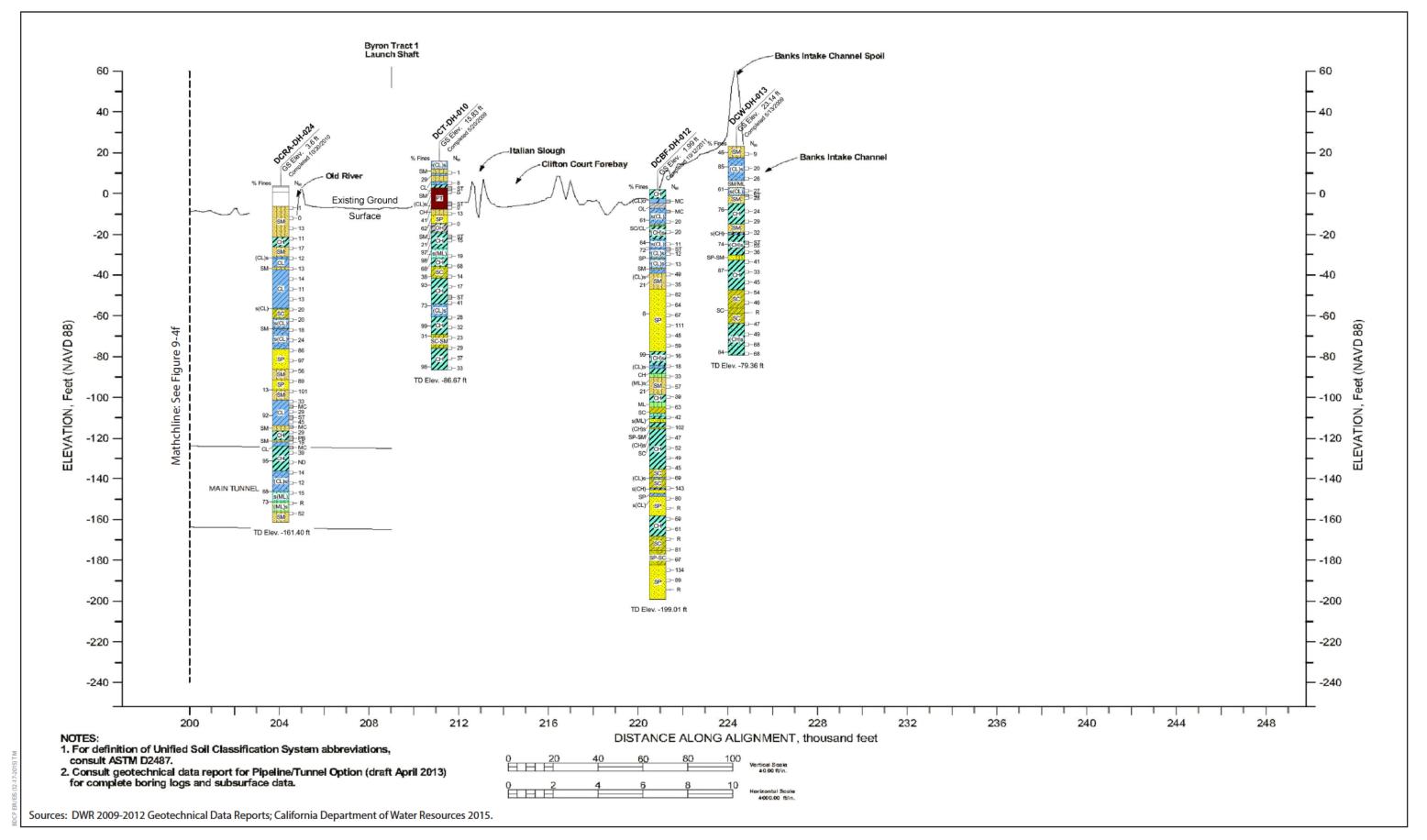
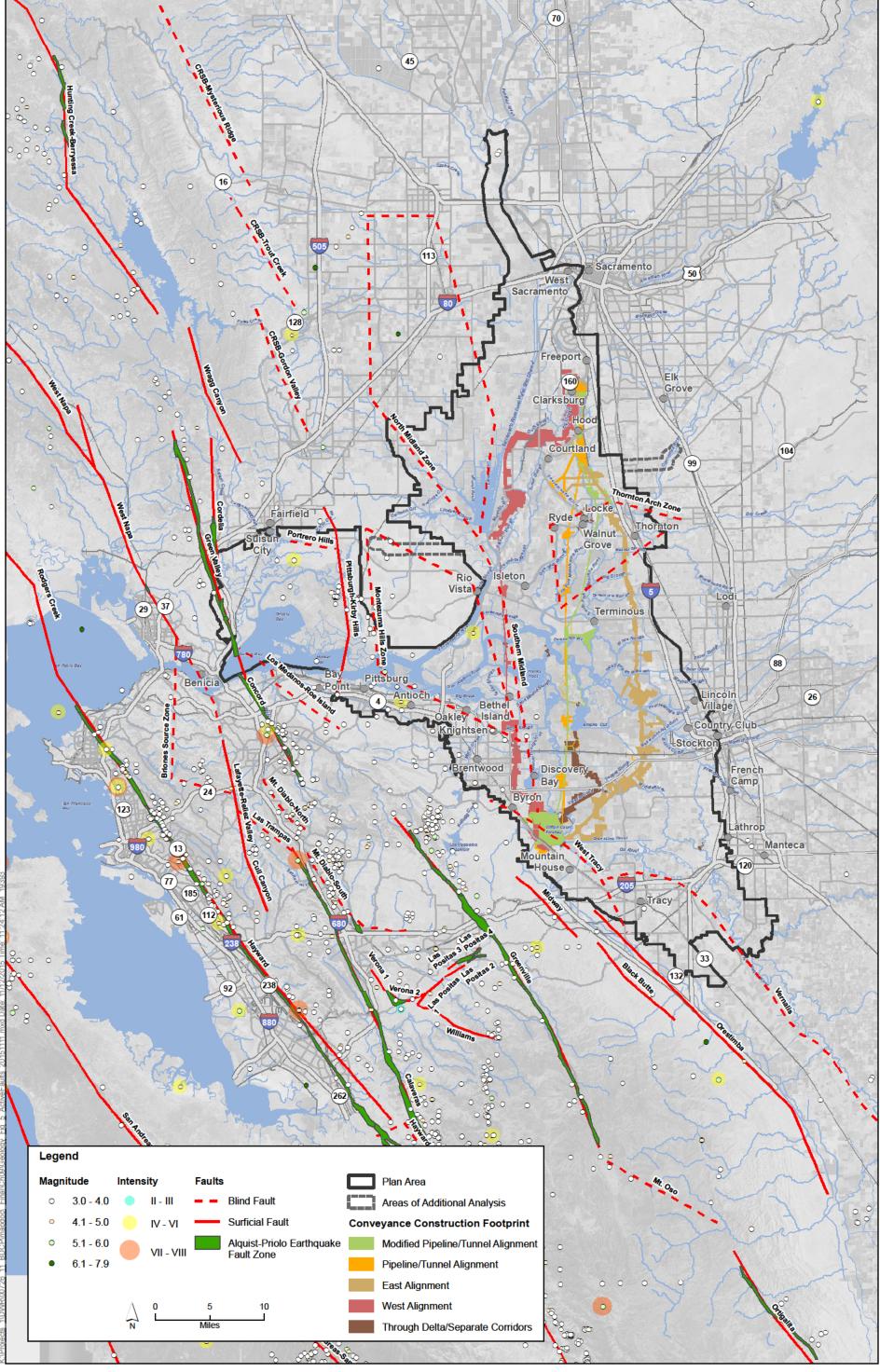
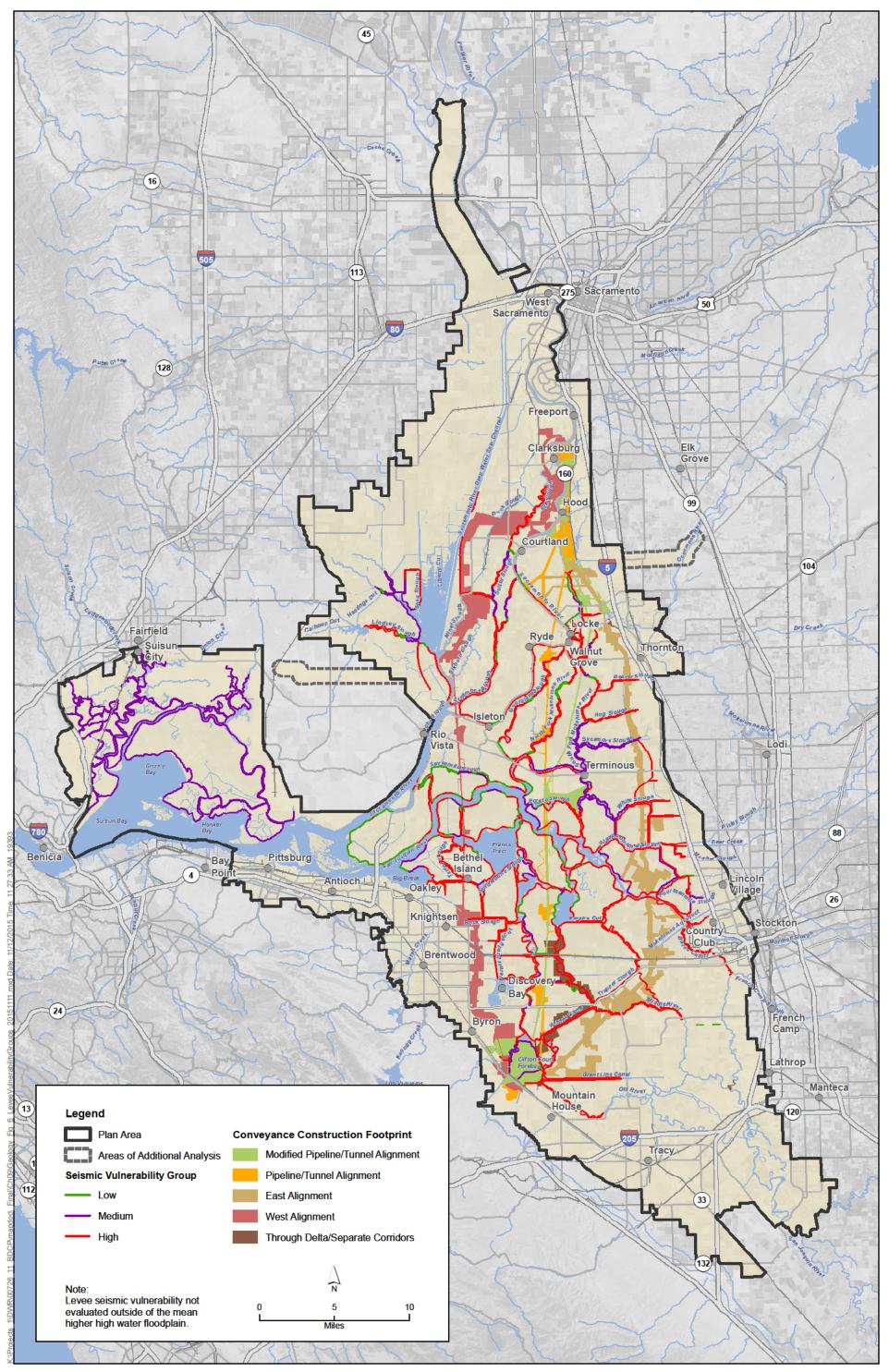
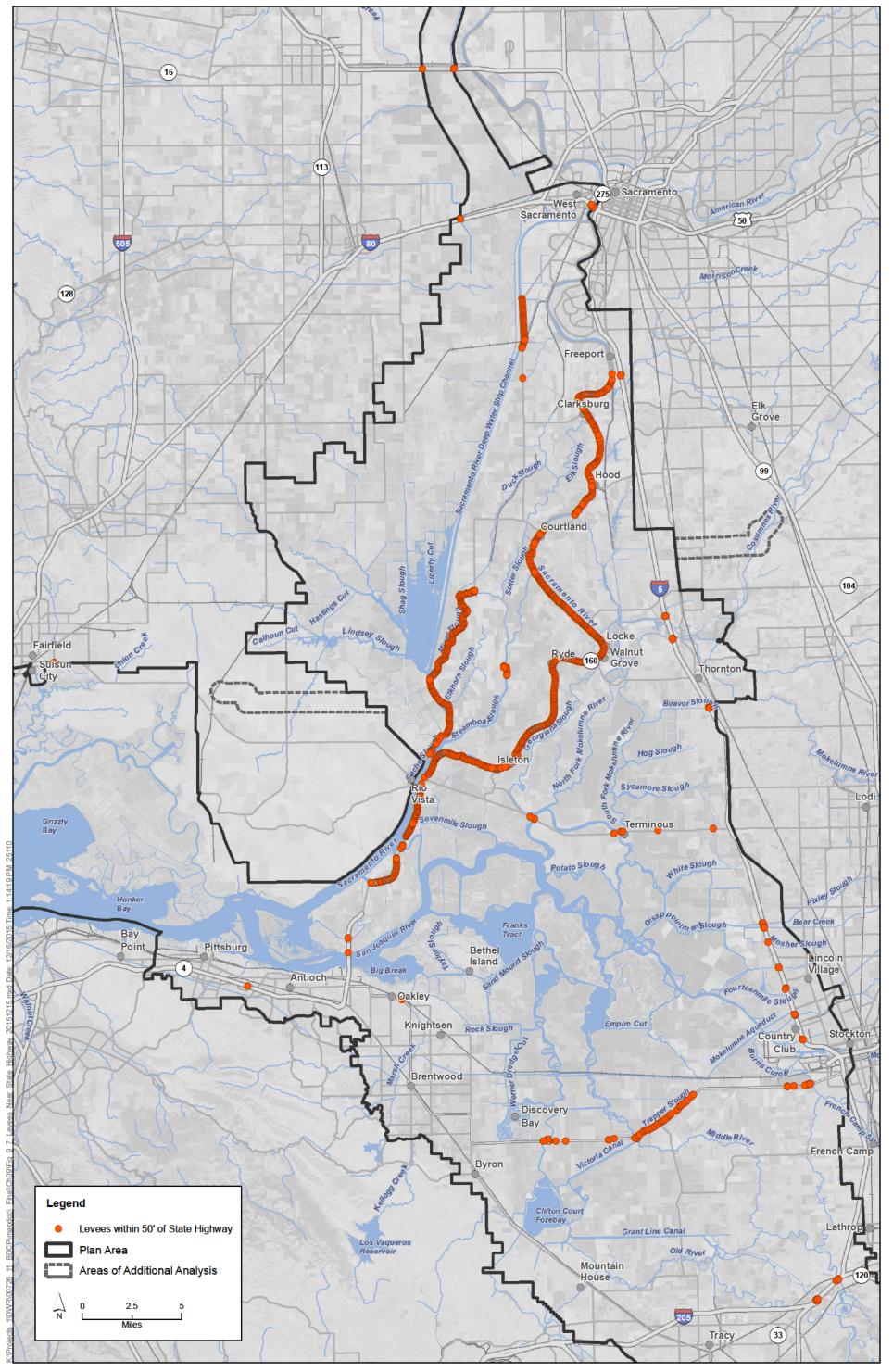
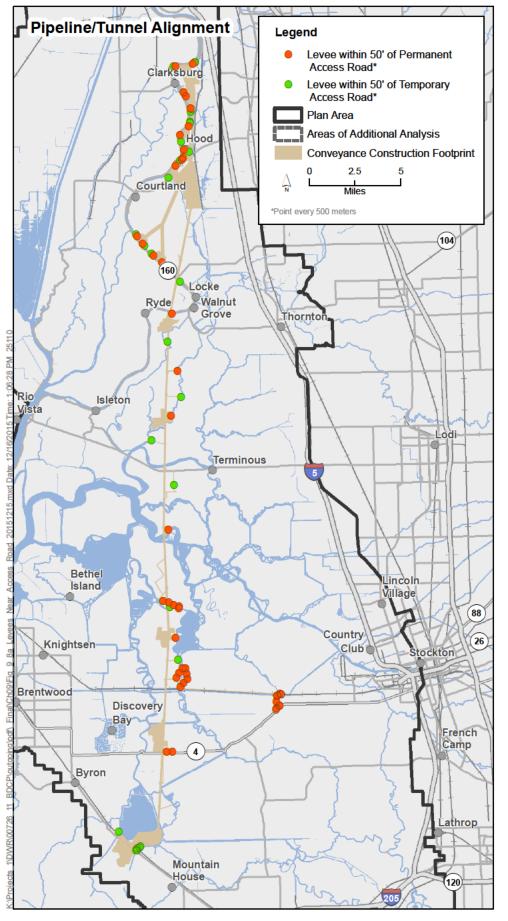


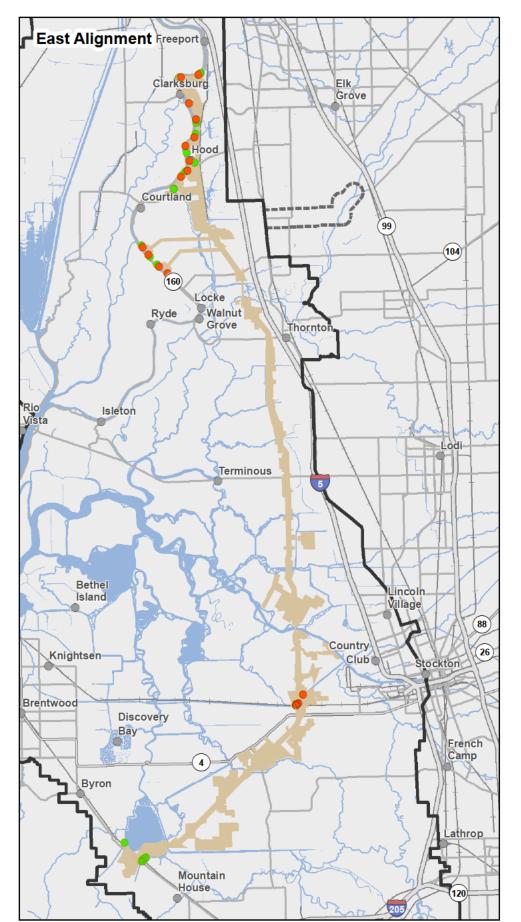
Figure 9-4g Geologic Borehole Logs in the Vicinity of Proposed Tunnels

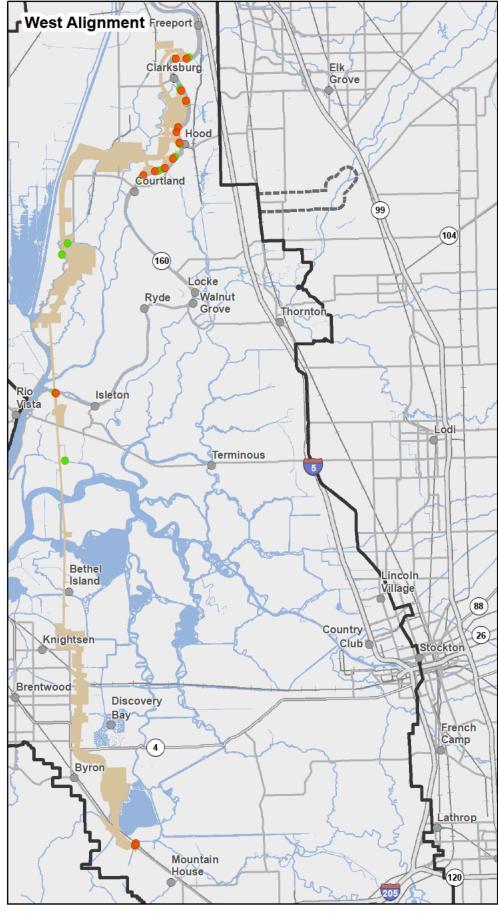












Sources: Plan Area, ICF 2012; Area of Additional Analysis, ICF 2012

Figure 9-8a Levees Near Access Roads

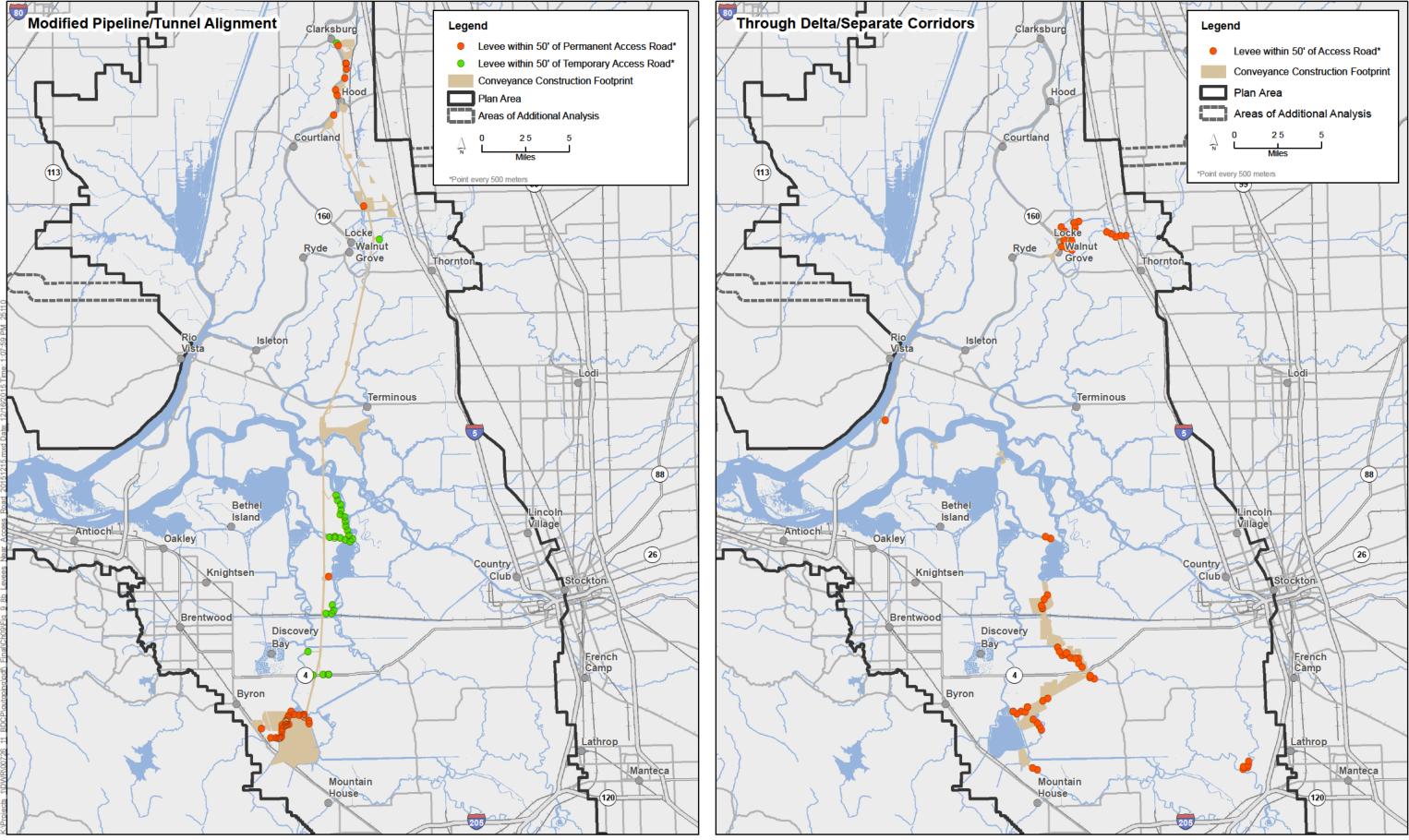


Figure 9-8b
Levees Near Access Roads