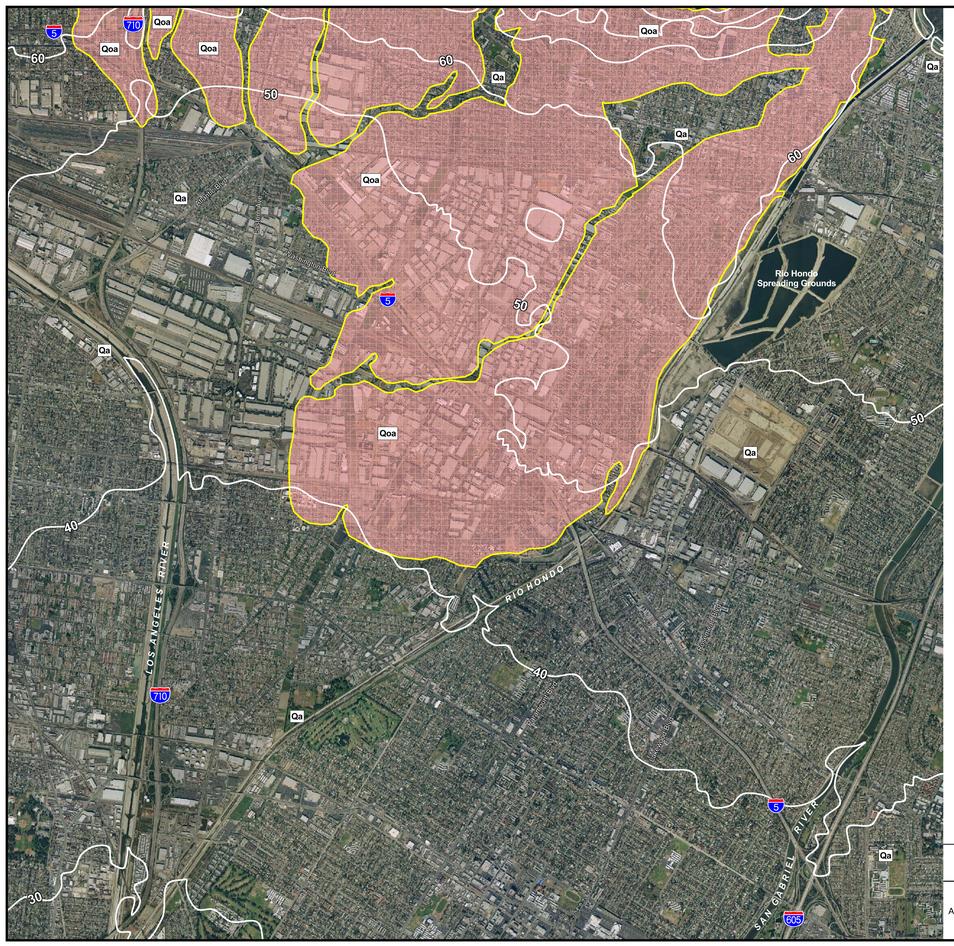


Legend

Quaternary Surficial Deposits

Qa — Alluvium, unconsolidated floodplain deposits of silt, sand and gravel.

Quaternary Older Dissected Surficial Sediments

Qoa — Remnants of older weakly consolidated alluvial deposits of gravel, sand and silt.

N

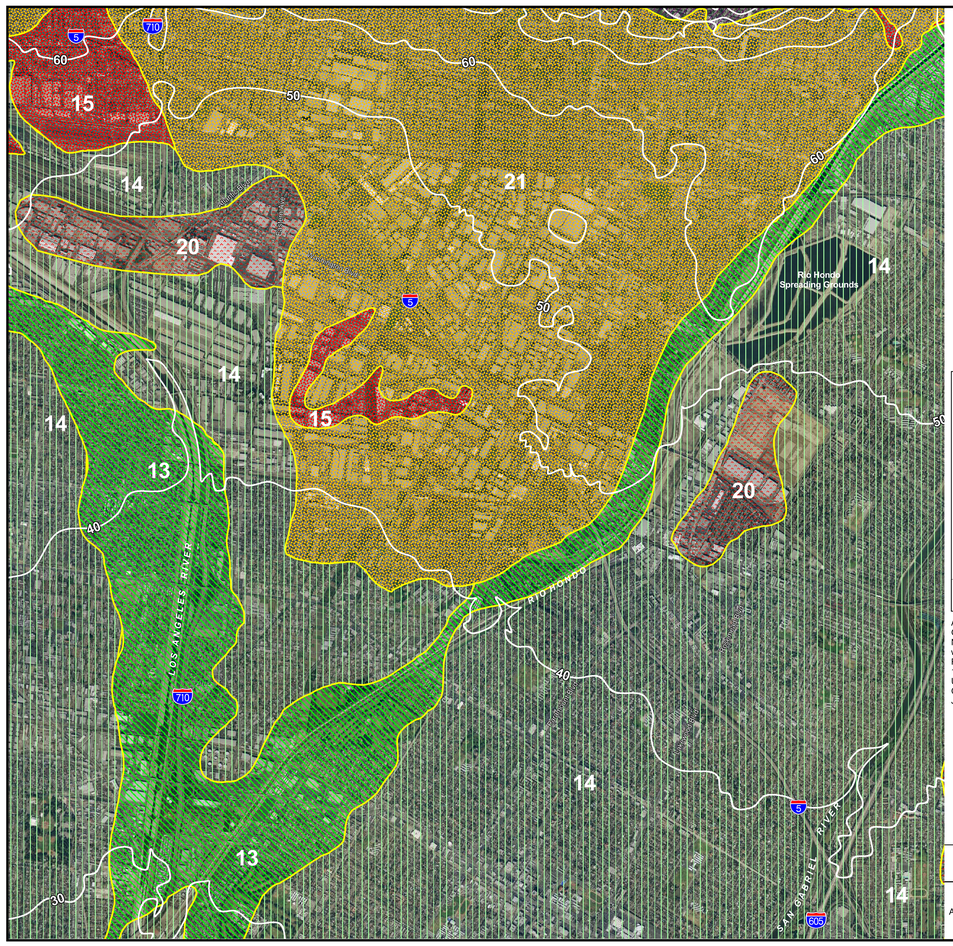
2000 0 2000 4000 Feet

Topographic contour in meters from National Geographic.

Geology Modified from CDMG, 1998 Open File Reports 98-15, 98-20, 98-25, 98-28.

Priority 7 (I-5)
GEOLOGIC MAP

April 2003	Infiltration Basin Site Selection Study	Figure 27 A



Legend

	USDA Soil Name	USDA Soil Type	USDA Hydrologic Soil Group	USCS	USCS Soil Description
14	Hanford Association	Sandy Loam Fine Sand Loam	B	SM	Silty Sand with trace clay
13	Tujunga Soboba Association	Sand	A	SP, SP-SM	Poorly Graded Sand to Silty Sand
20	Chino Association	Silt Loam	C	ML, CL-ML	Sandy Silt and Clayey Silt
21	Ramona	Sand Loam Clay Loam, Clay	C	SM	Silty Sand
15	Yolo Association	Silt Loam	B	ML, CL-ML	Silty, Sandy Clay

N

2000 0 2000 4000 Feet

Topographic contour in meters from National Geographic.

Agricultural soil classification taken from "Report and General Soil Map" - United States Department of Agriculture Natural Resources Conservation Service in cooperation with Antelope Valley and Santa Monica Mountains Resource Conservation District, Los Angeles, California 1969, and Urban Hydrology for Small Watersheds TR-55, United States Department of Agriculture, Natural Resources Conservation Service, Conservation Engineering Division, June 1986.

Priority 7 (I-5)
SOIL DISTRIBUTION MAP

April 2003	Infiltration Basin Site Selection Study	Figure 27 B

Legend

SOUTH GATE UNDERPASS 4 (14) — Boring site location, see Appendix B for details. Depth below ground surface (Meters) that groundwater was encountered at the time of drilling. Greater than symbol (>) indicates groundwater was not observed during drilling to total depth of deepest borehole advanced at site.

RANK OF BOREHOLE DATA:
5 - LOWEST POTENTIAL FOR INFILTRATION
5 - HIGHEST POTENTIAL FOR INFILTRATION

Depth to historically highest groundwater contour intervals in feet (Meters) below ground surface from CDMG, 1998 Open File Reports 98-15, 98-20, 98-25, 98-28.

Reaches Rated Based on Preliminary Site Screening Investigations:

Low Potential for Infiltration Basins

High Potential for Infiltration Basins

N

2000 0 2000 4000 Feet

Priority 7 (I-5)
SUB-SURFACE BORING DATA

April 2003	Infiltration Basin Site Selection Study	Figure 27 C

Legend

5-10 — Potential IFB Site

- Identified in preliminary site selection. Eliminated from secondary site selection or secondary site selection.
- potential IFB sites not advanced to secondary investigation.
- potential IFB sites where detailed investigations were completed.

Letters denote individual potential infiltration basin areas at designated site refer to table 1 for details.

Reaches Rated Based on Preliminary, Secondary, and Detailed Investigations.

Low Potential for Infiltration Basins

High Potential for Infiltration Basins

5-15 — Potential IFB Site. Located outside Caltrans right of way.

City Boundary

N

2000 0 2000 4000 Feet

Priority 7 (I-5)
POTENTIAL IFB SITE LOCATION MAP

April 2003	Infiltration Basin Site Selection Study	Figure 27 D