

Back to the basics

Ojai Basin conditions

July 2026

OBGMA

Ojai, California

Jordan Kear, PG, CHG

30 July 2026

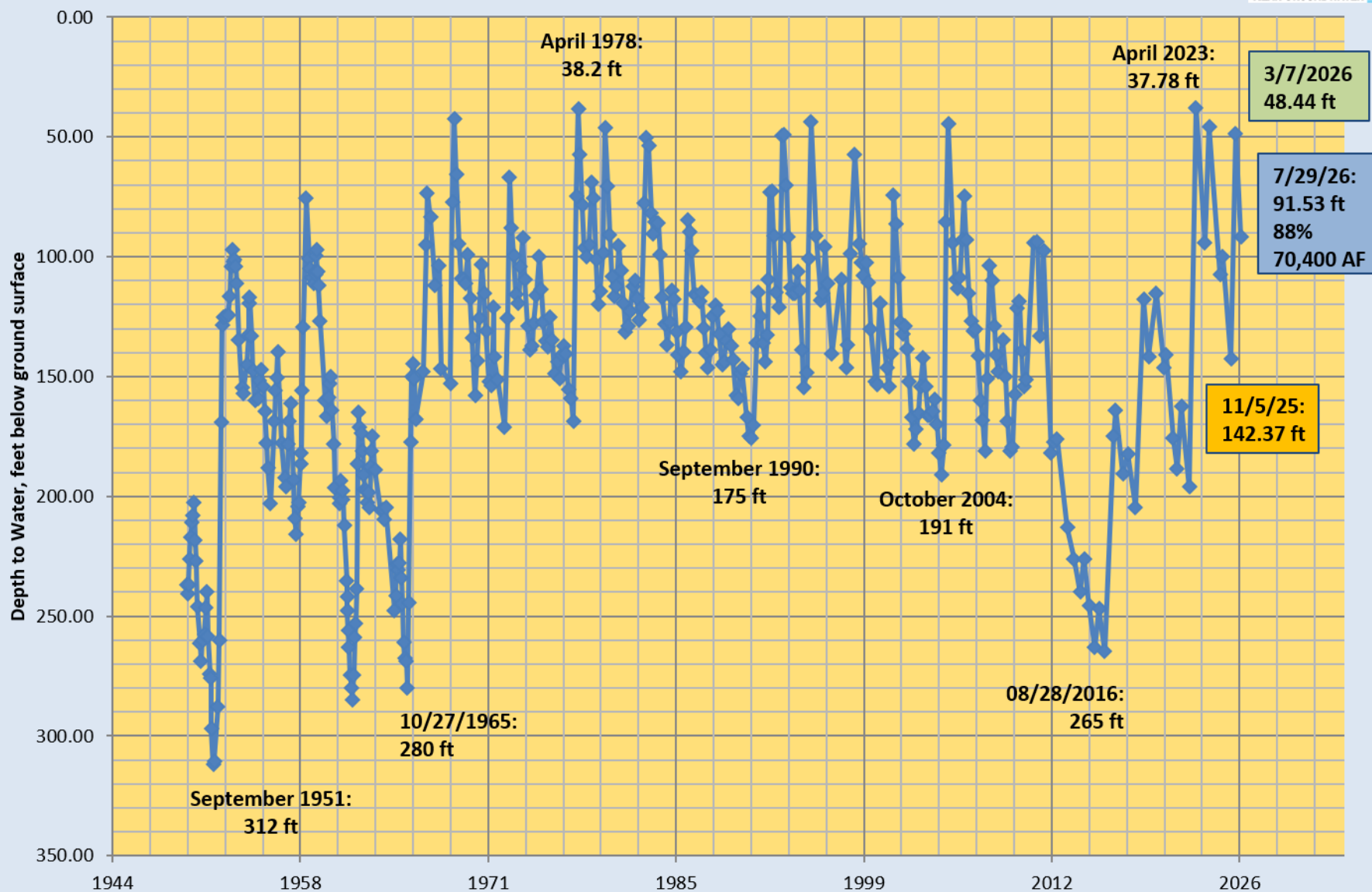


53.11



27.89

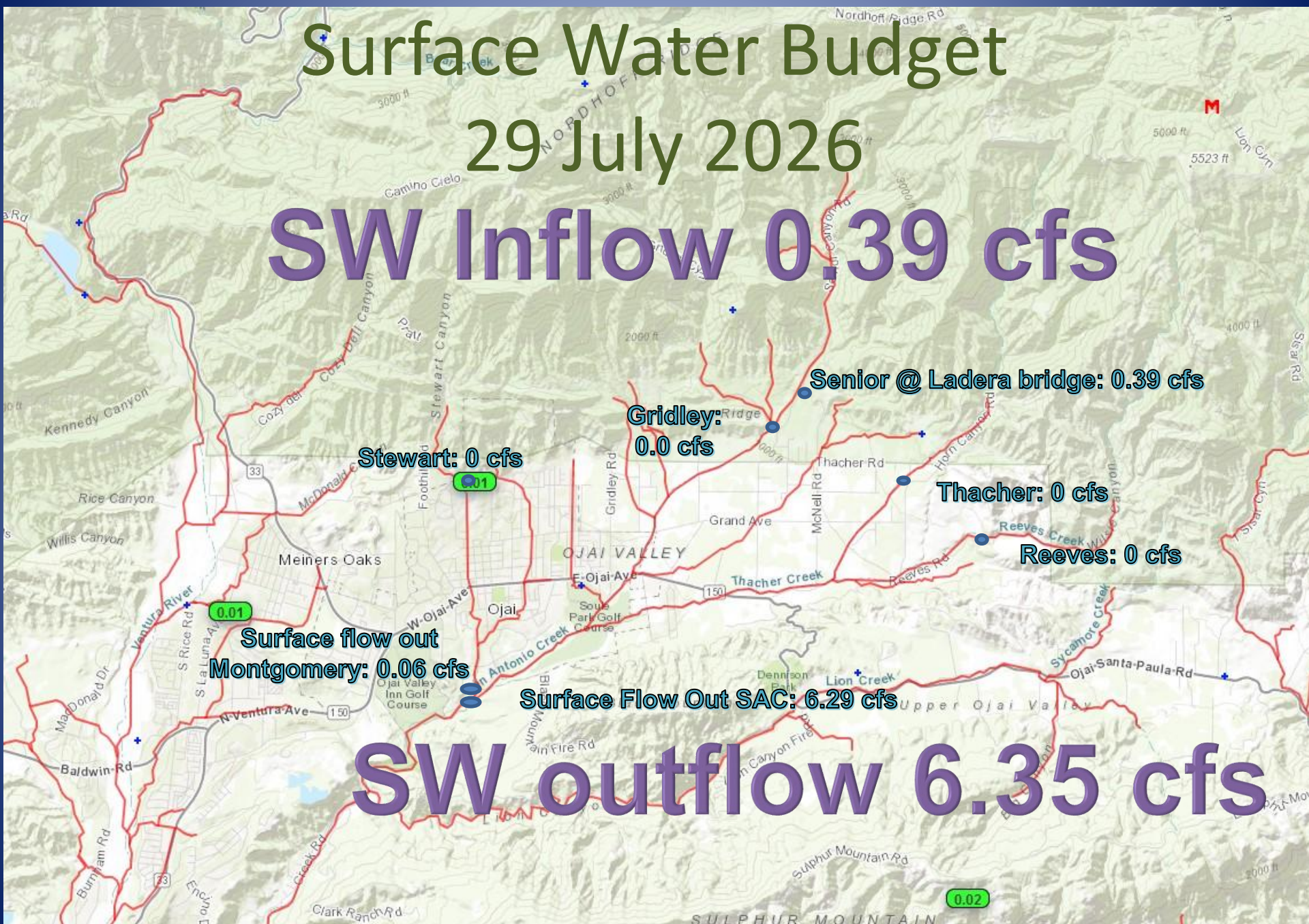
Depth to Water: Ojai Basin Key Well Area 04N/22W-5L8 & 5L5 (Carne and Grand)



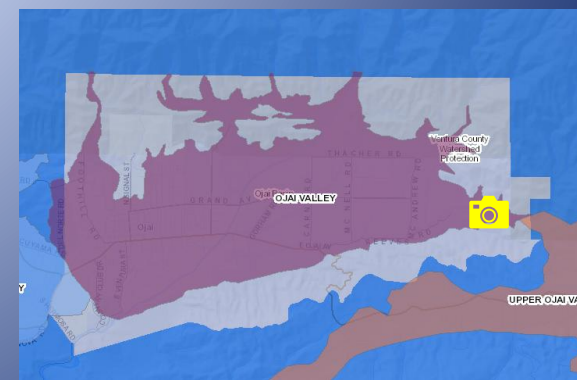
Surface Water Budget

29 July 2026

SW Inflow 0.39 cfs

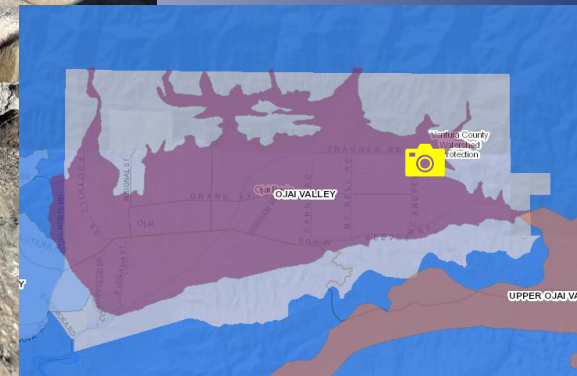


29 July 2026



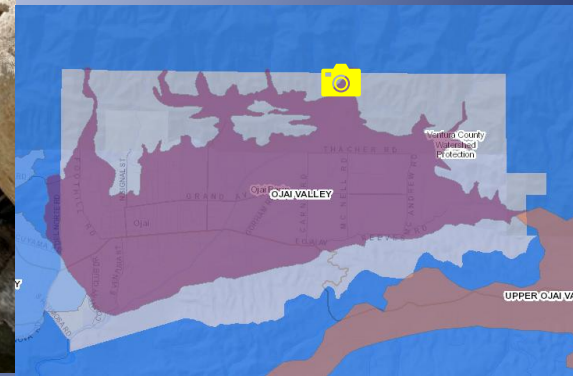
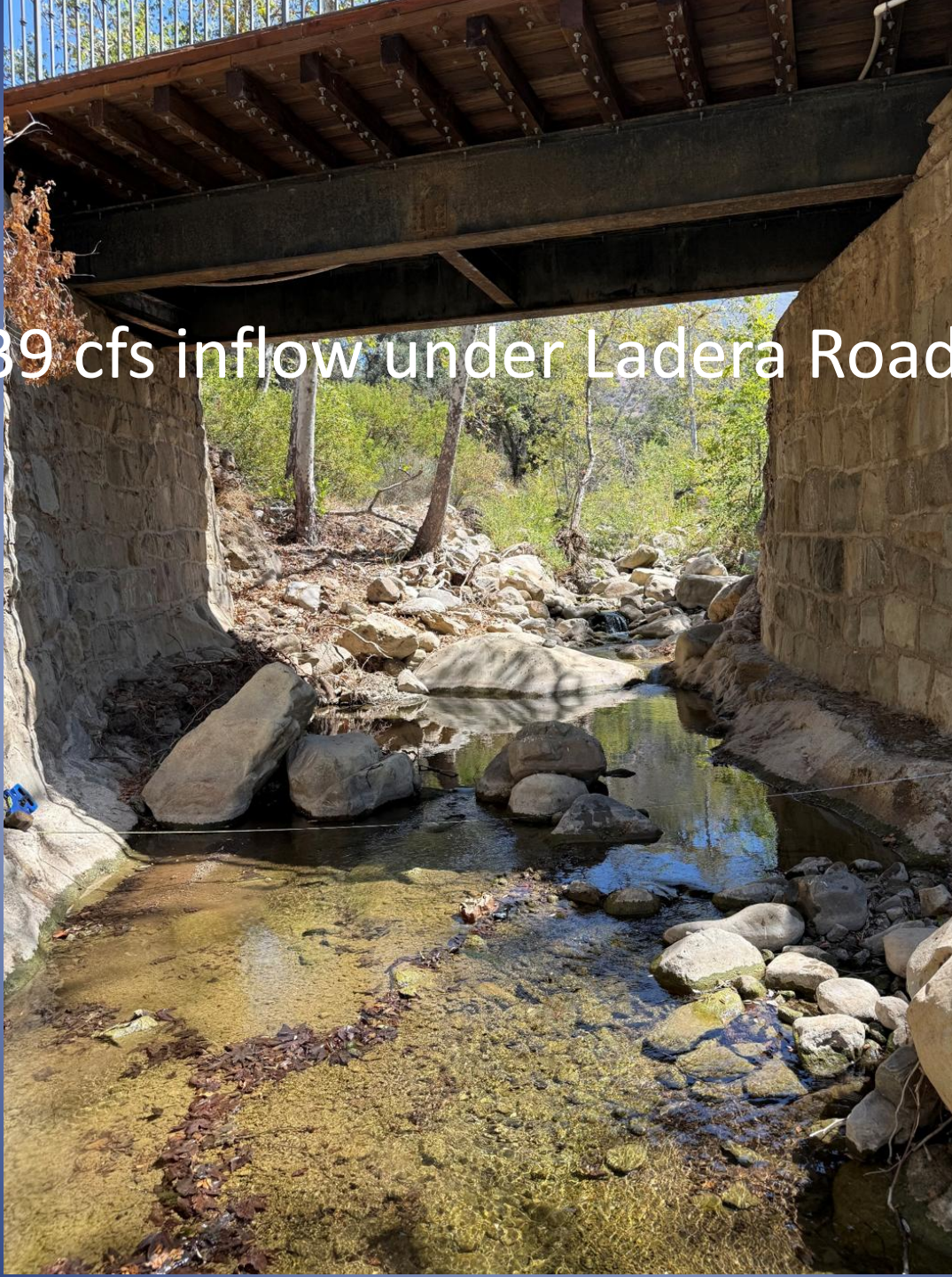
29 July 2026

- Thacher Creek “dry”

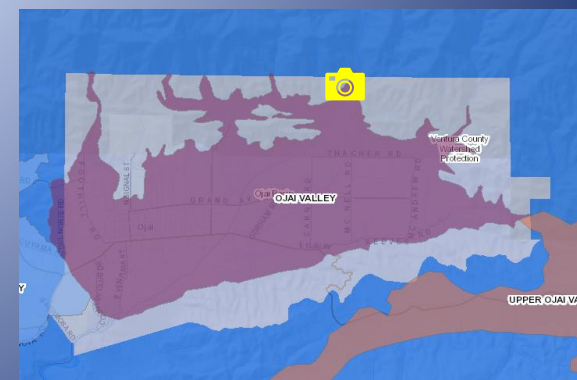


29 July 2026

- 0.39 cfs inflow under Ladera Road bridge

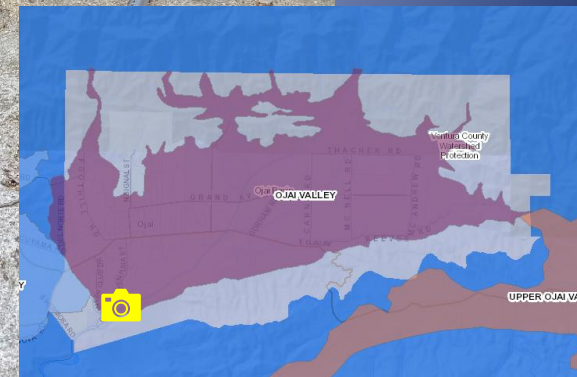
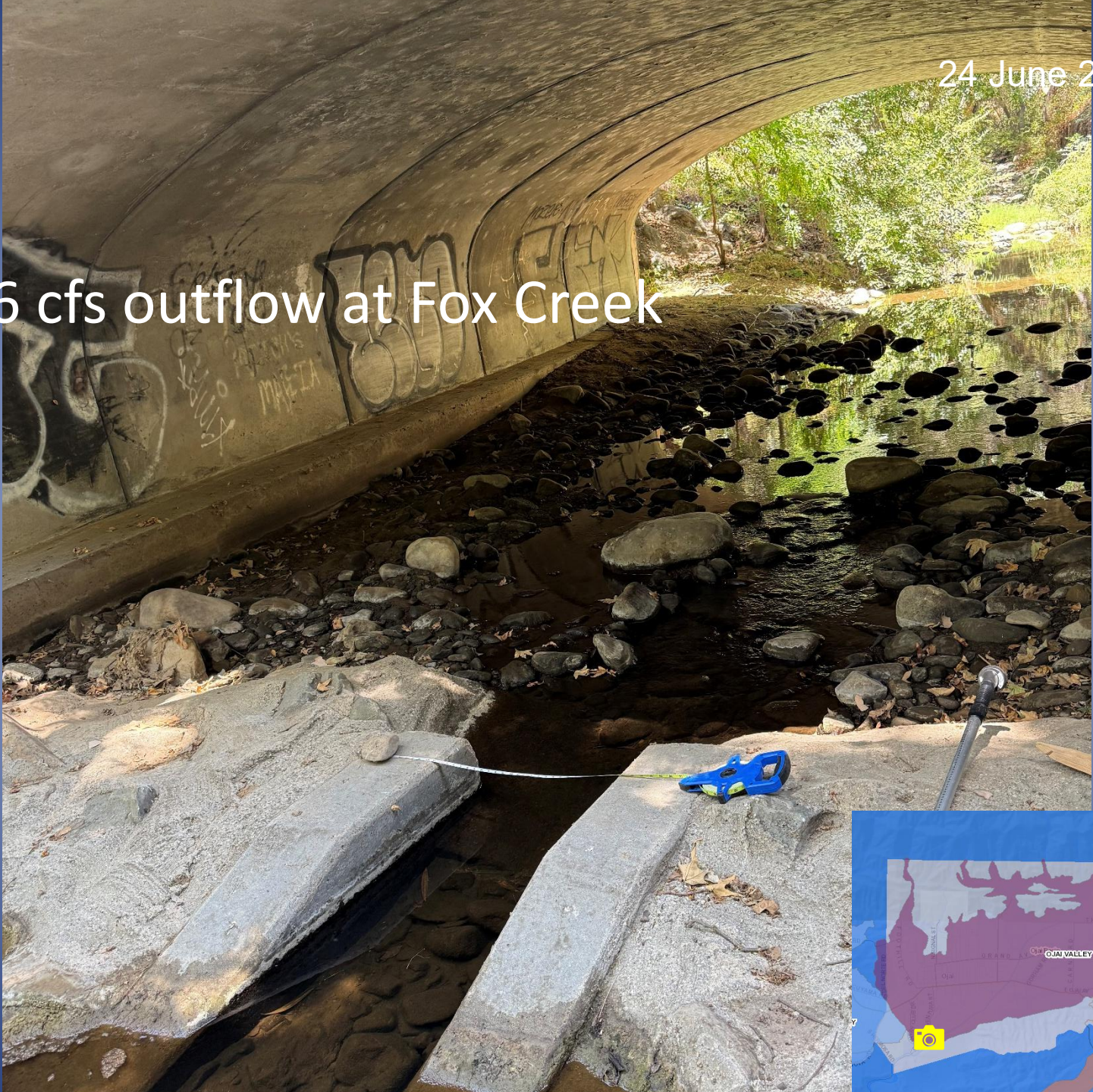


29 July 2026



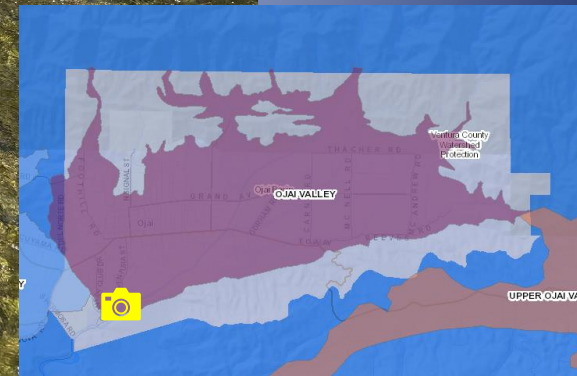
24 June 2026

0.06 cfs outflow at Fox Creek



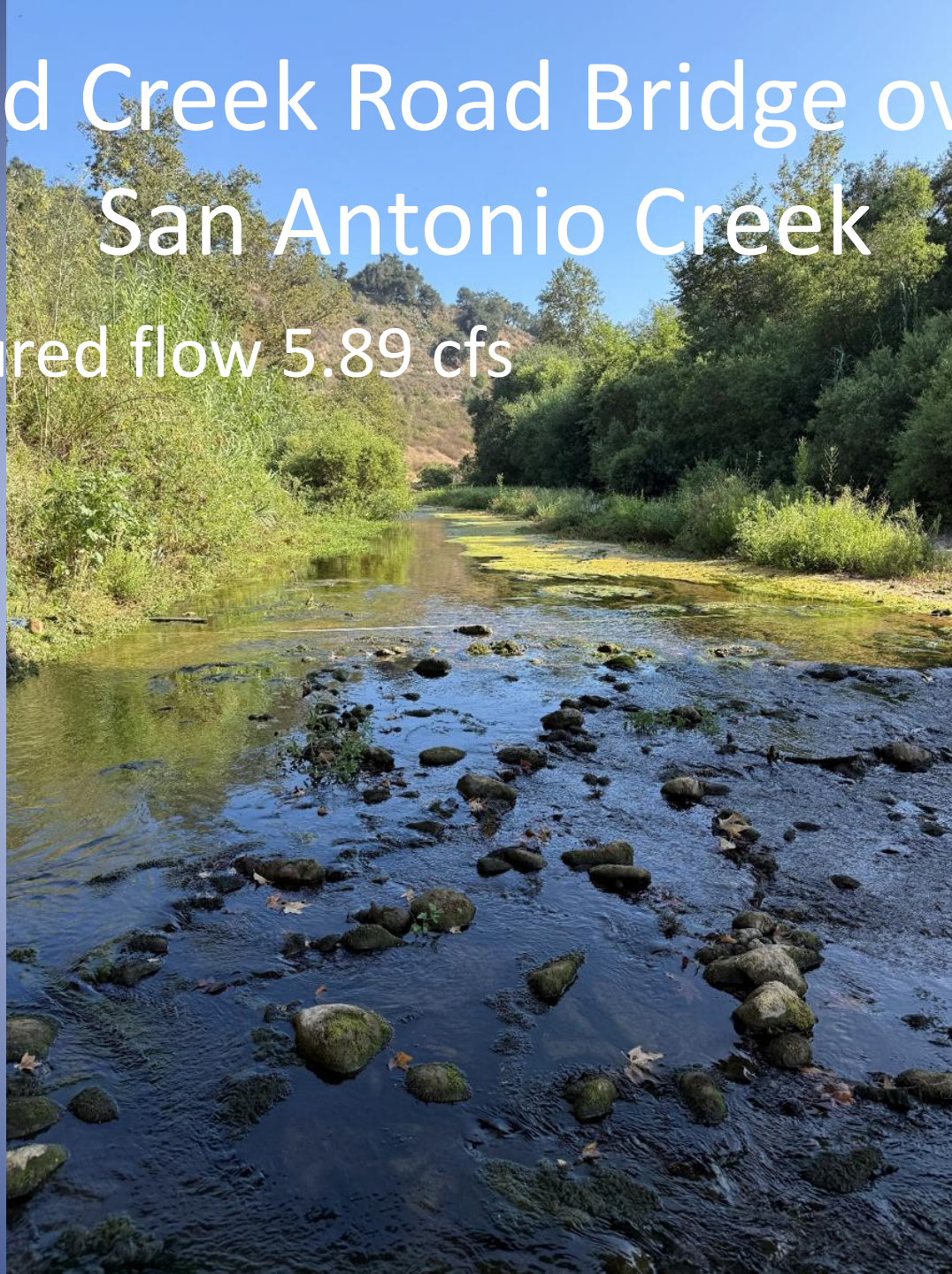
24 June 2026

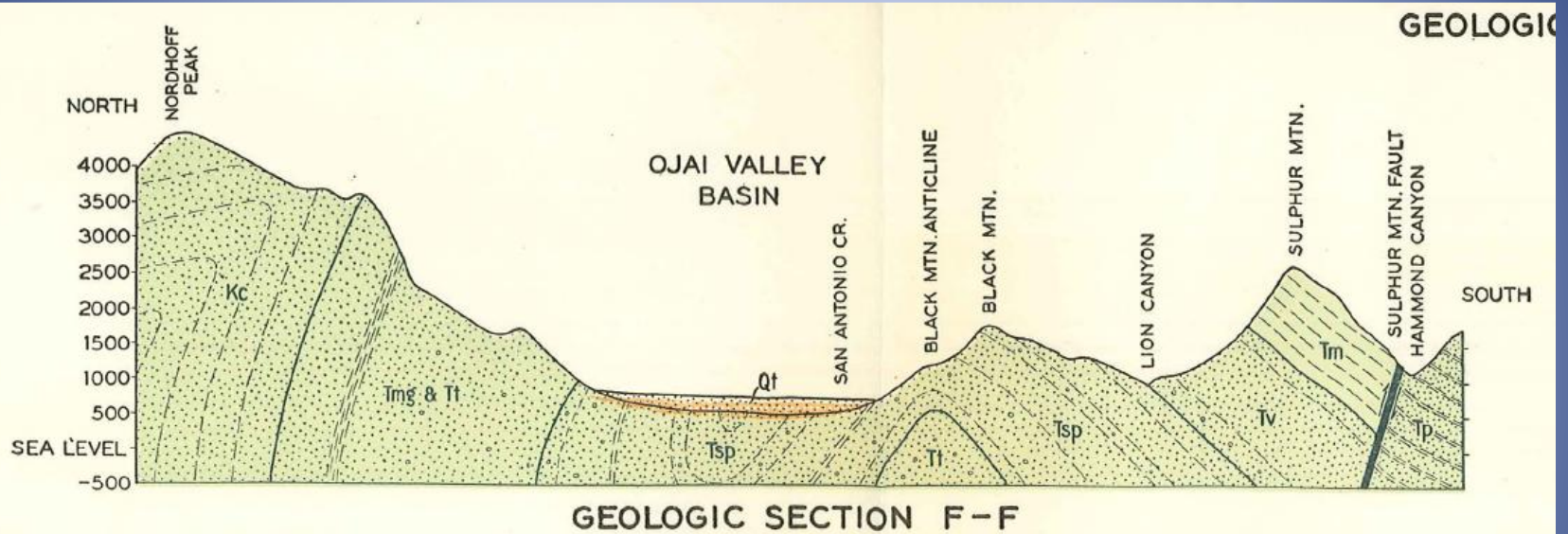
- 6.29 cfs outflow at San Antonio Creek



Old Creek Road Bridge over San Antonio Creek

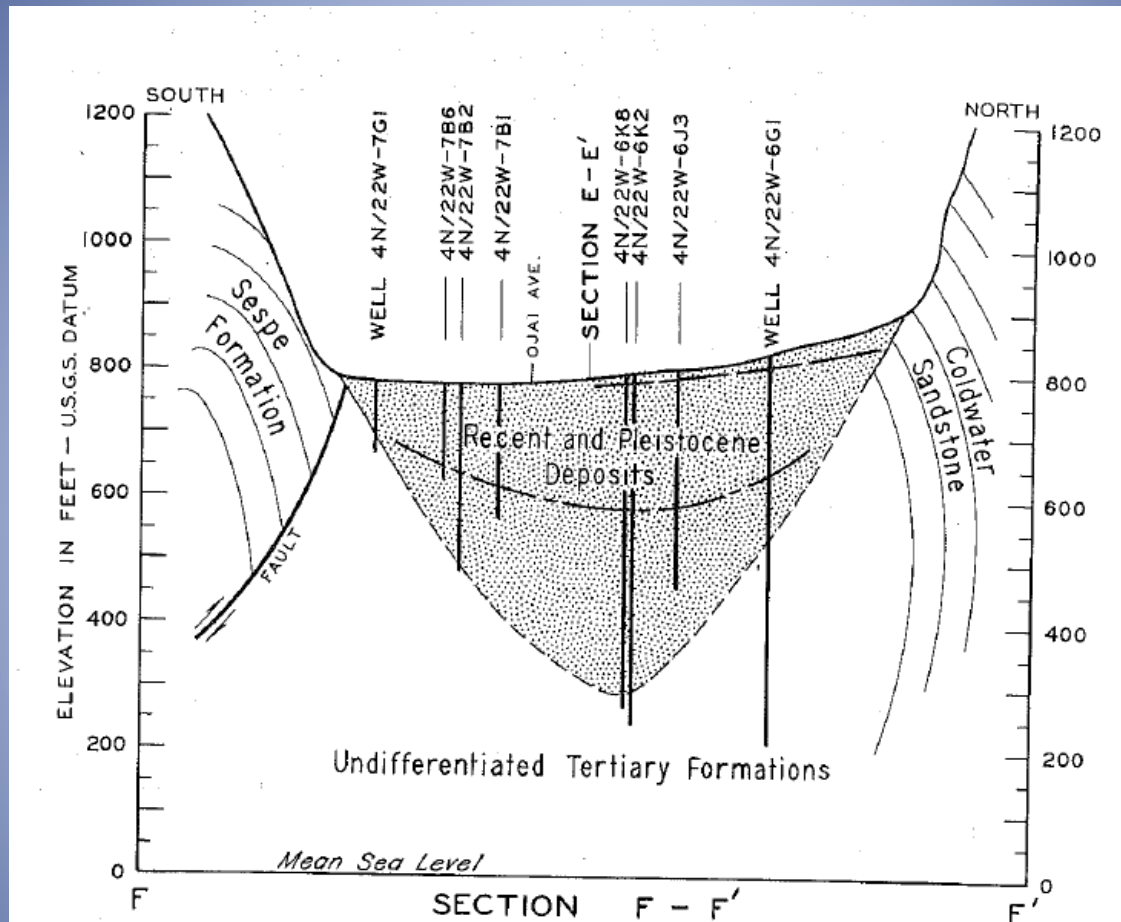
- Measured flow 5.89 cfs





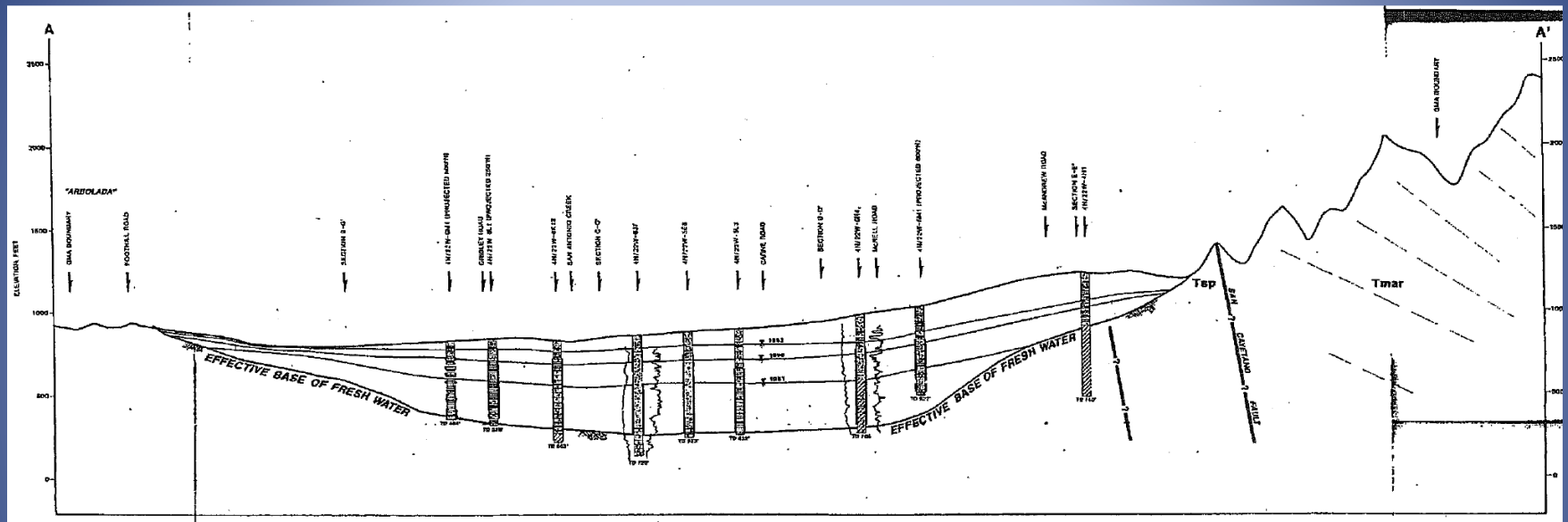
1933

Source: State of California Department of Public Works
Division of Water Resources Bulletin No. 46,
Ventura County Investigation, 1933



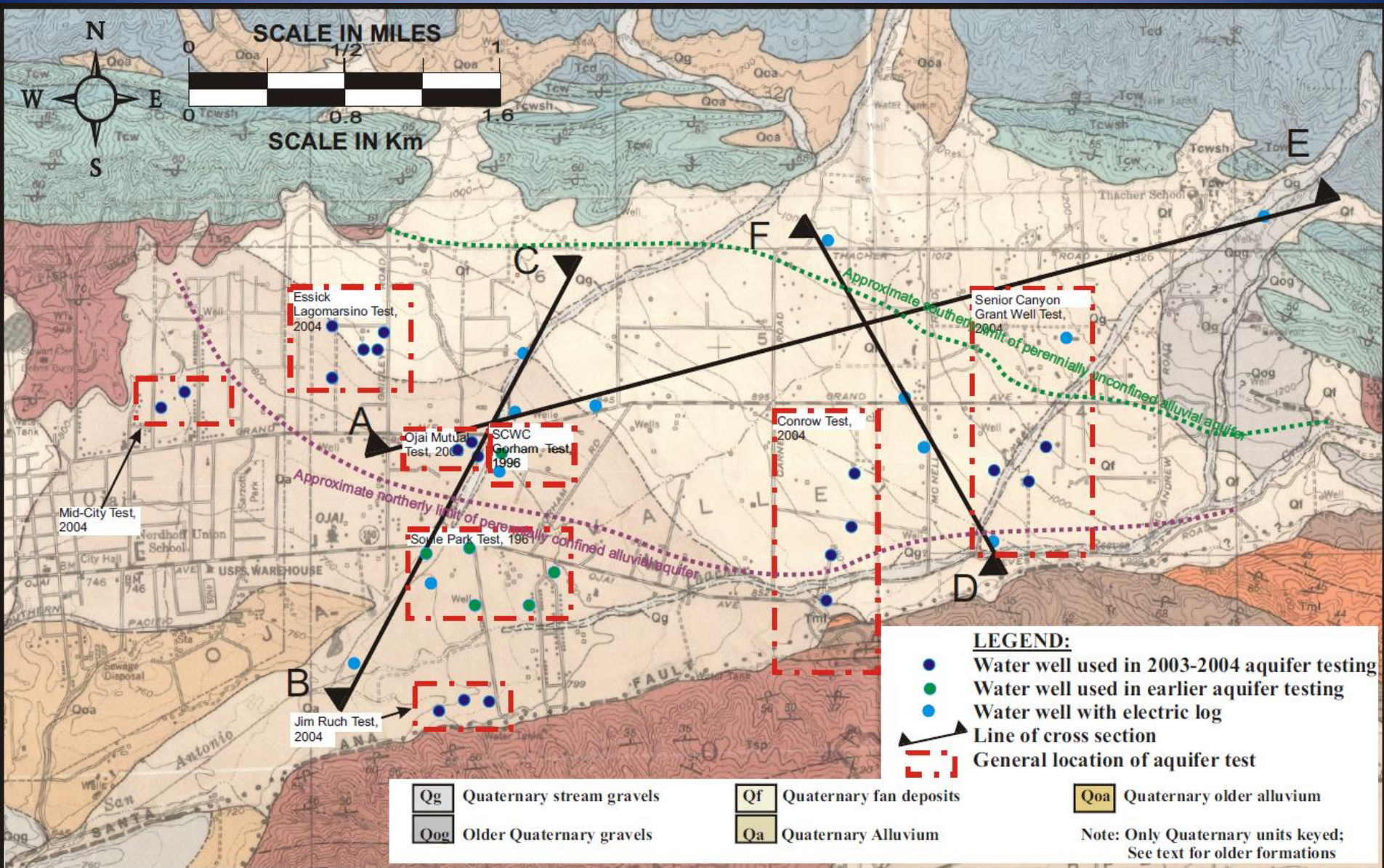
1953

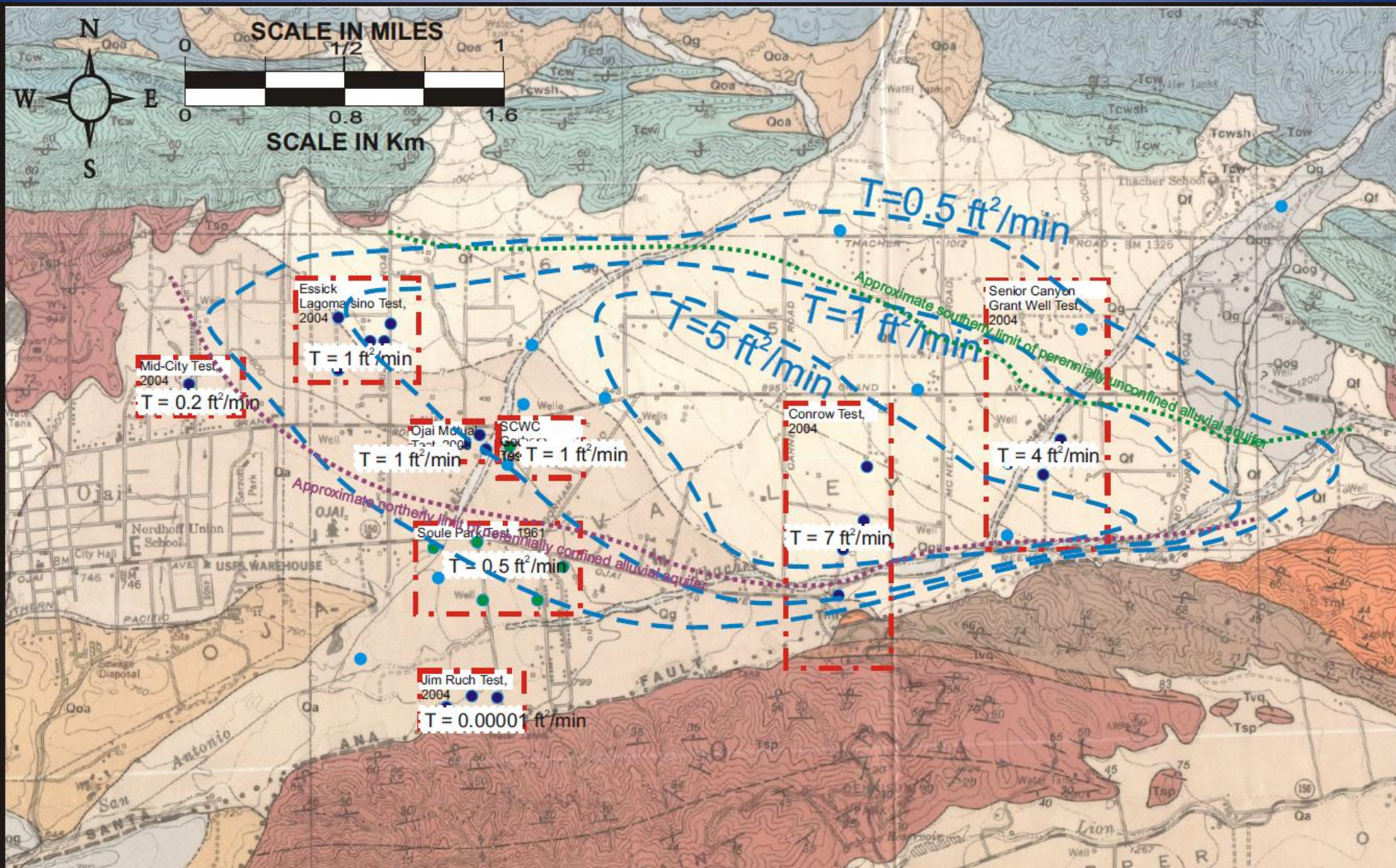
Source: State of California
State Water Resources Board, Bulletin No. 12,
Ventura County Investigation, 1953, Revised 1956



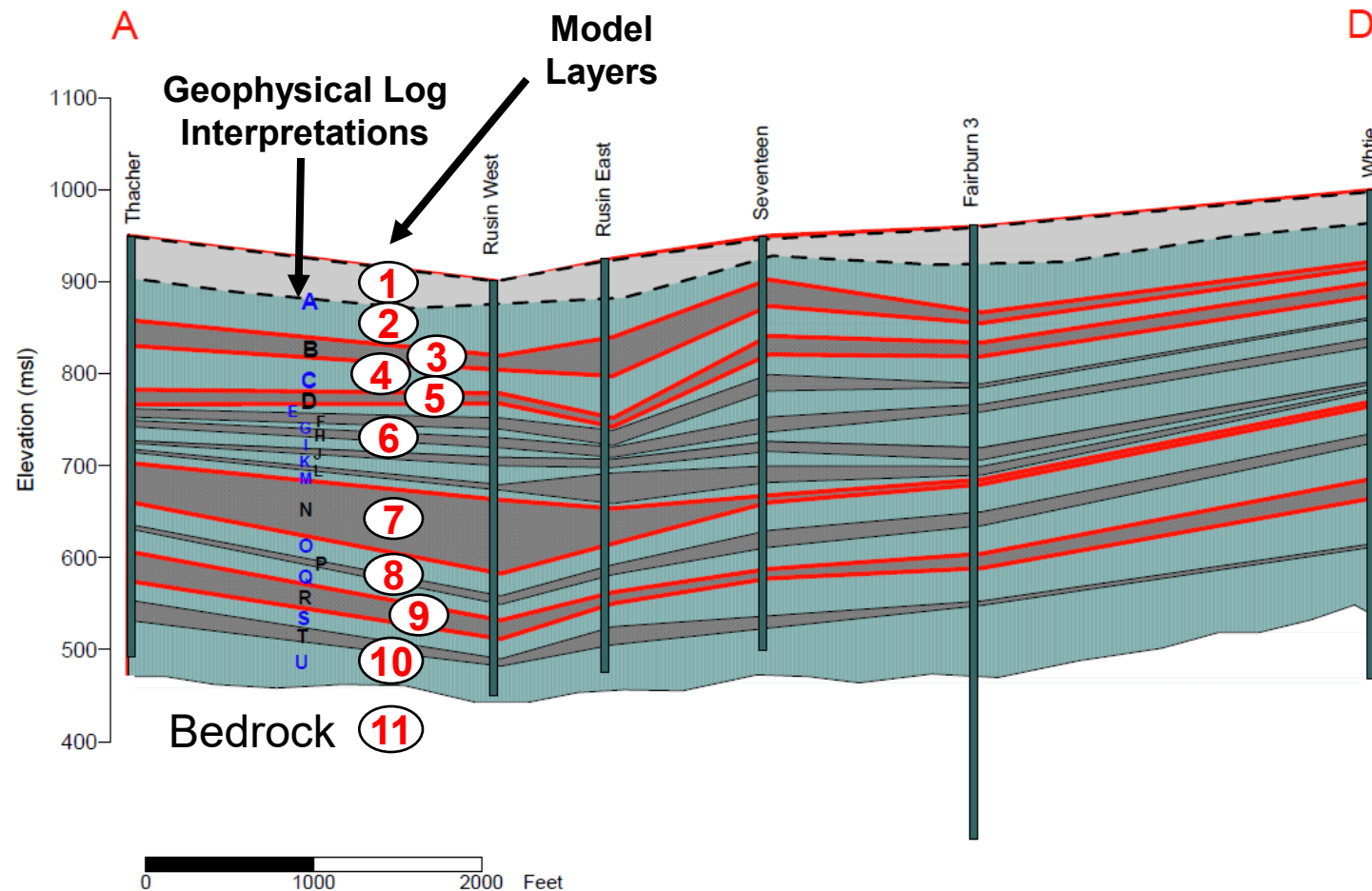
1992

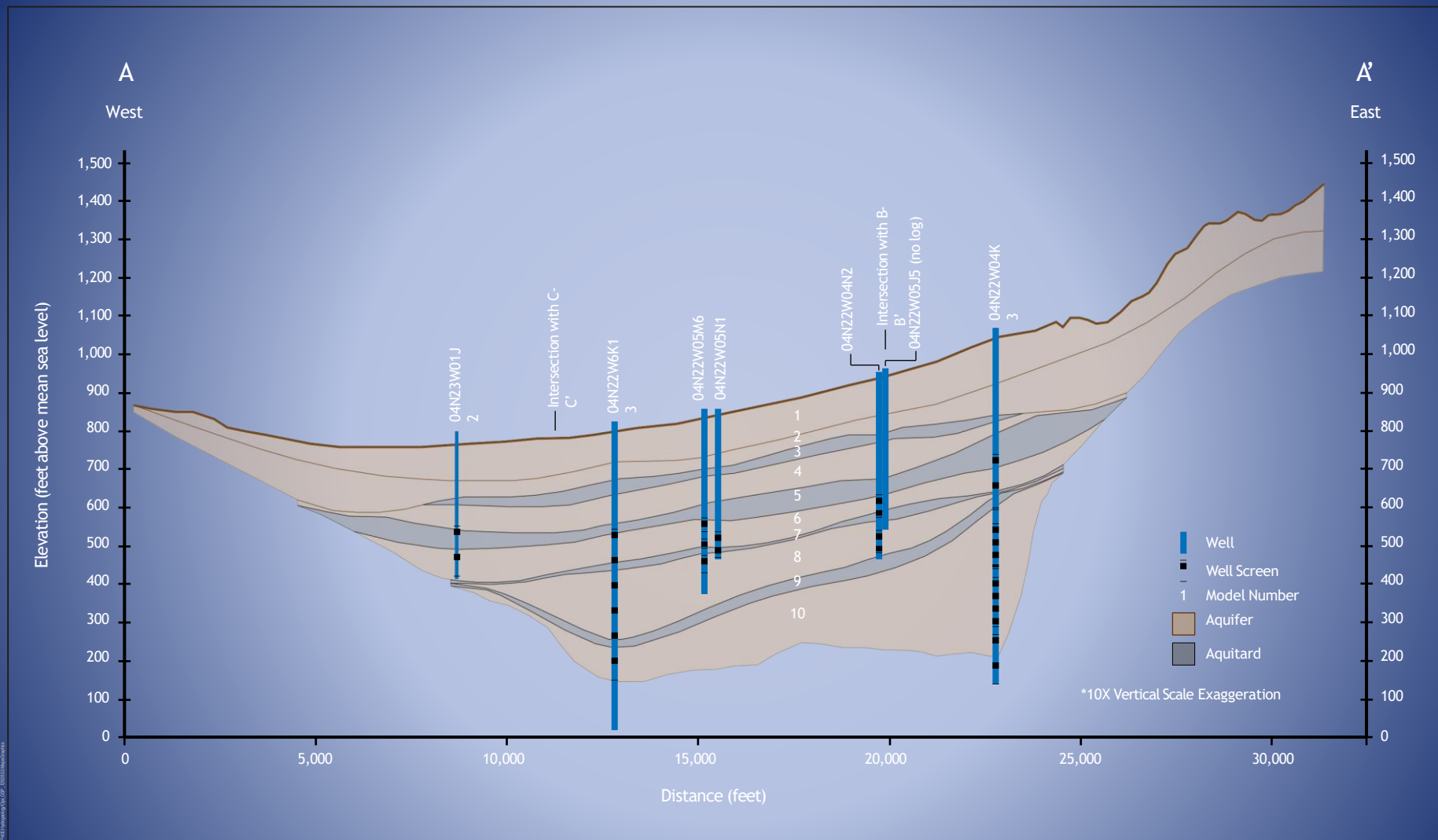
Source: Staal Gardner & Dunne, 1992





Ojai Basin Groundwater Model Development





SOURCE: Adapted from USGS

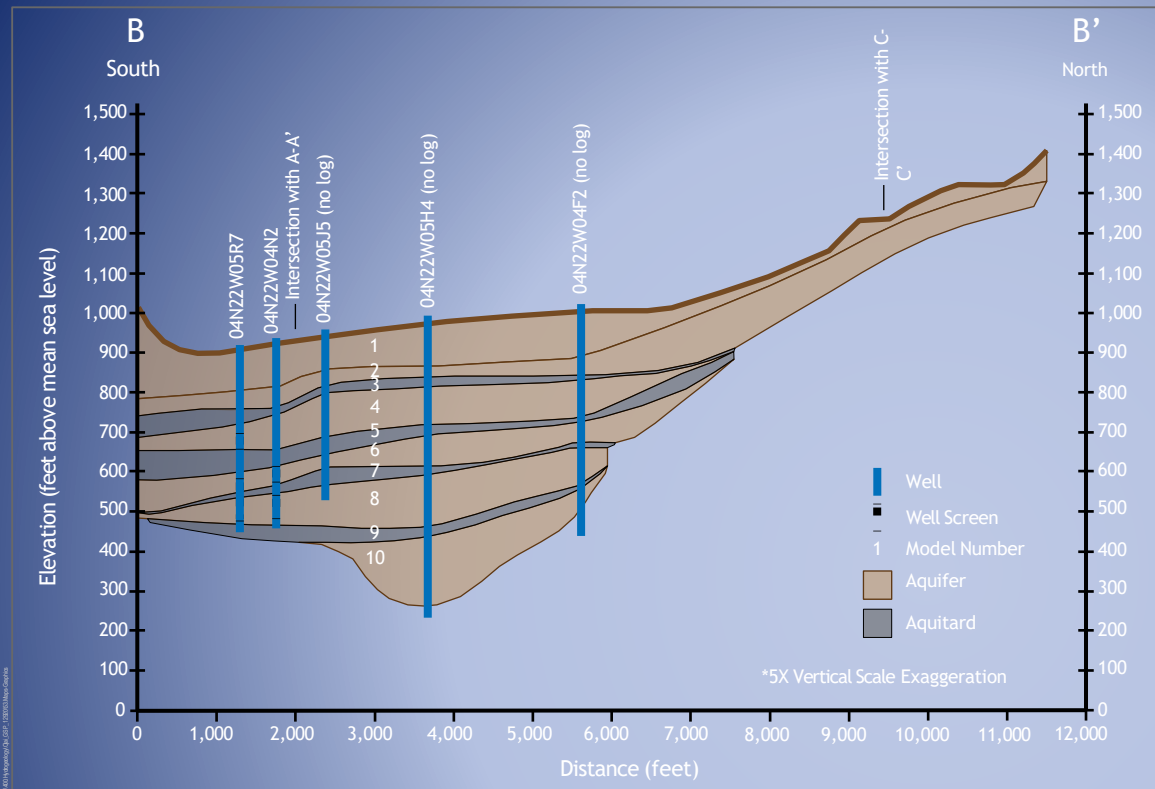


FIGURE 2-15

B - B' Geologic Cross-Section

Groundwater Sustainability Plan for the Ojai Valley Groundwater Basin

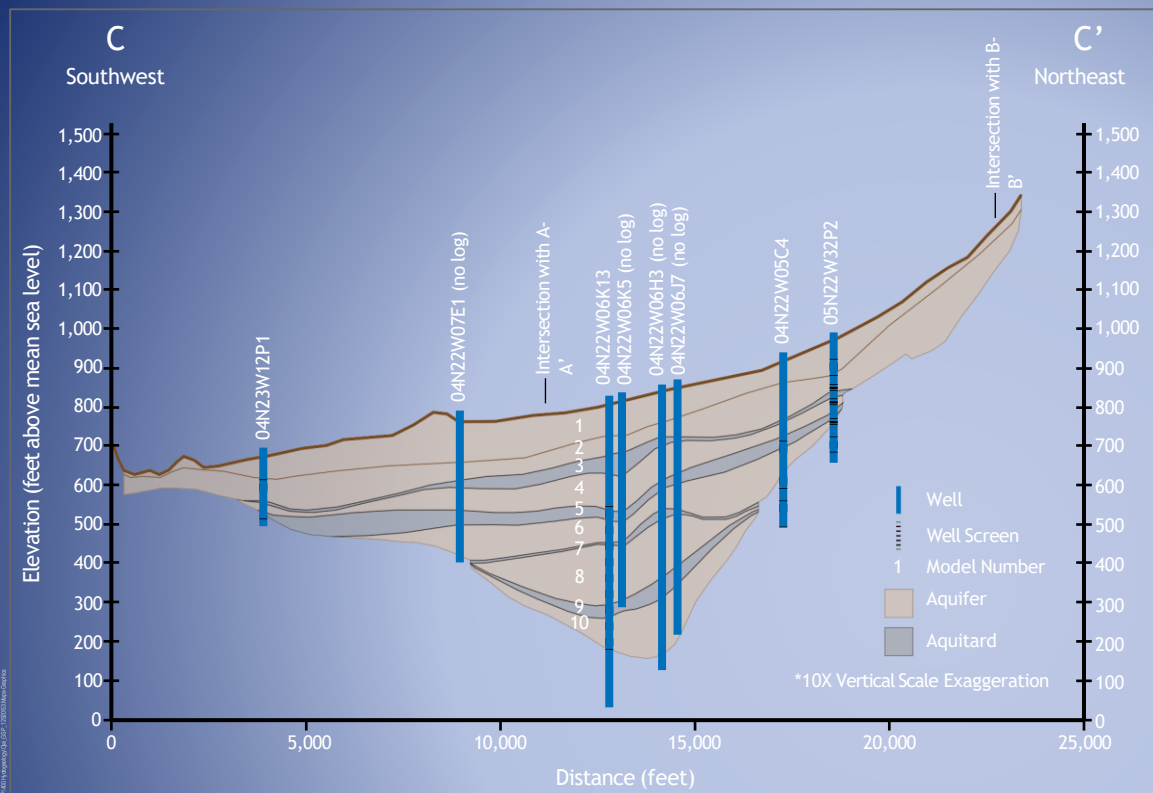
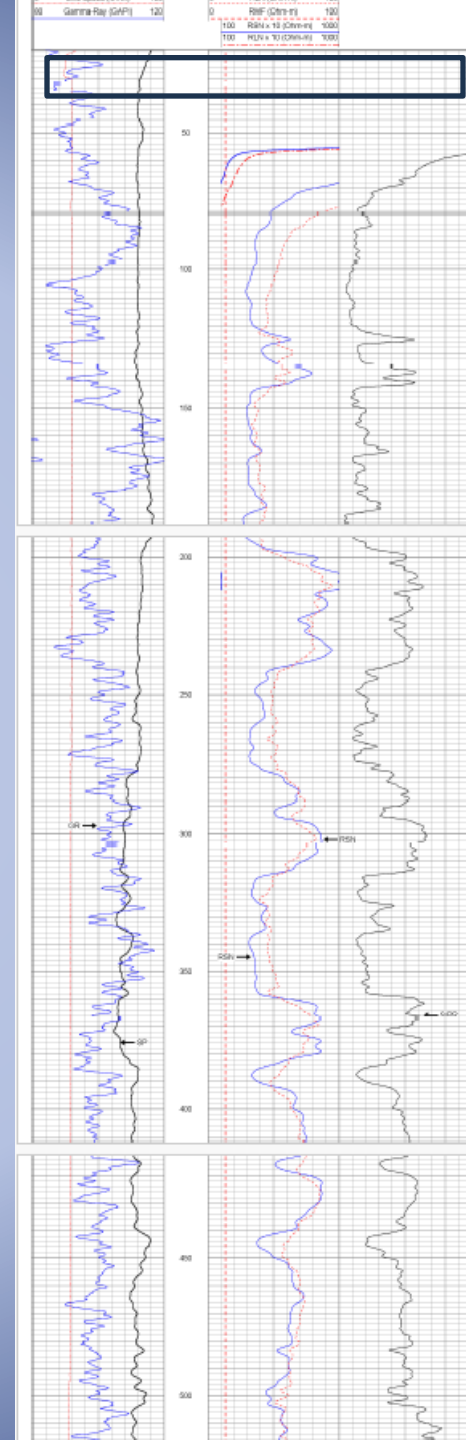


FIGURE 2-16

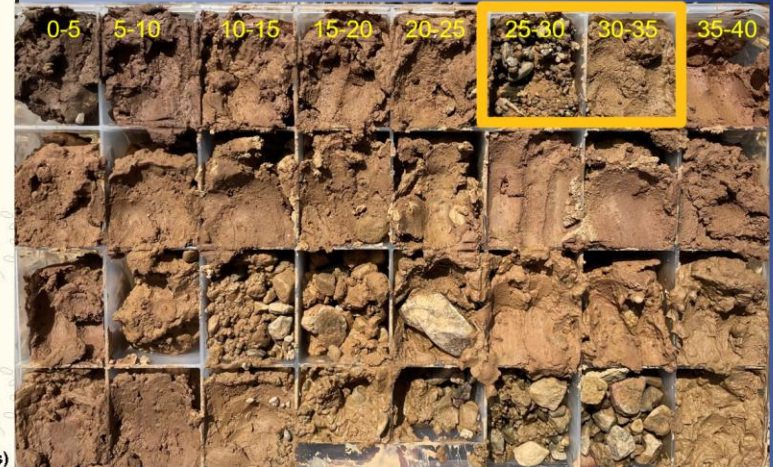
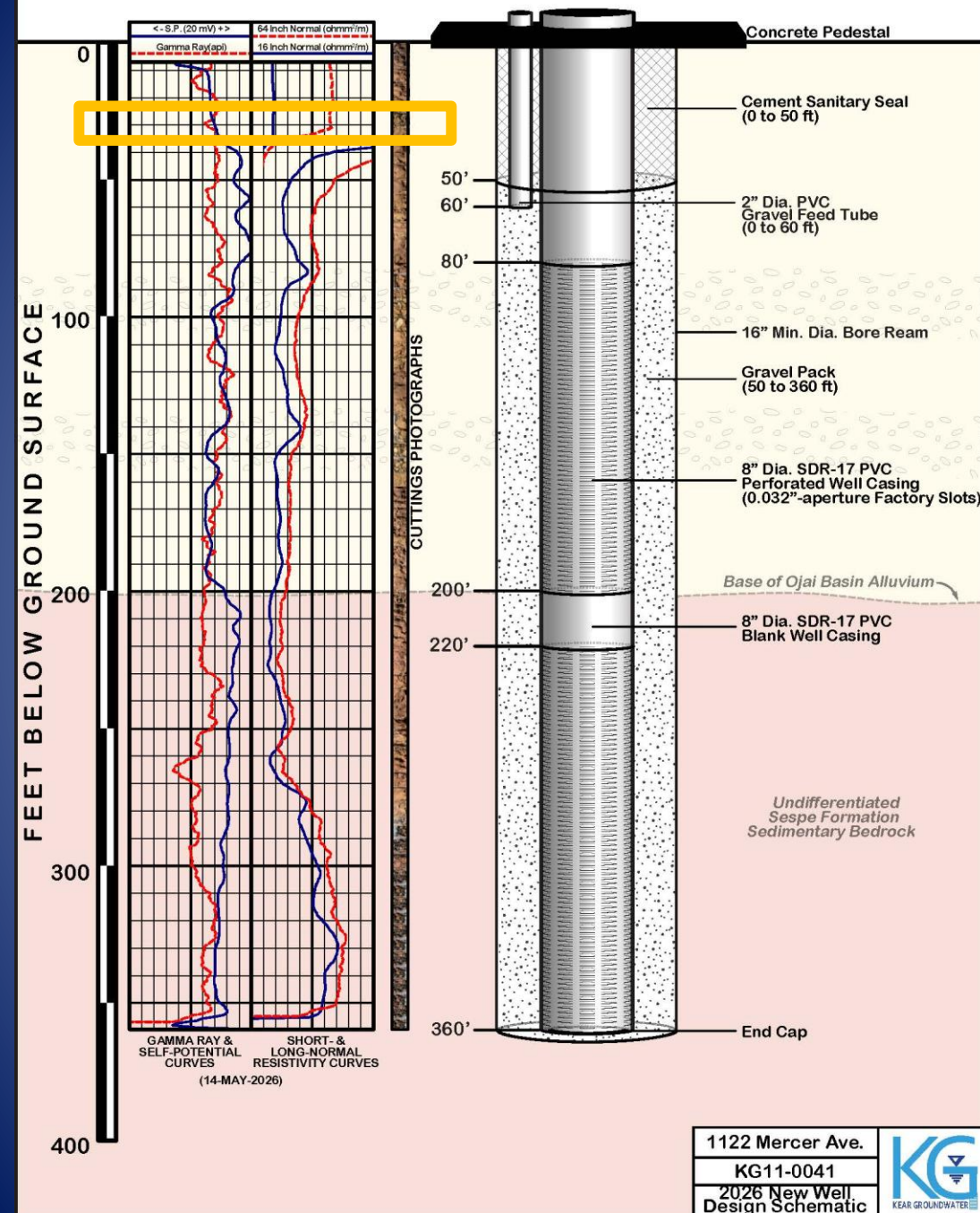
Groundwater Sustainability Plan for the Ojai Valley Groundwater Basin

Modern Elogs

- Soule Park 2010
- No conductor casing
- Drilling fluid in bore 40 feet
- Stratification is consistent with conceptual model
- Perched system requires interpretation



May 2026 Well - Mercer



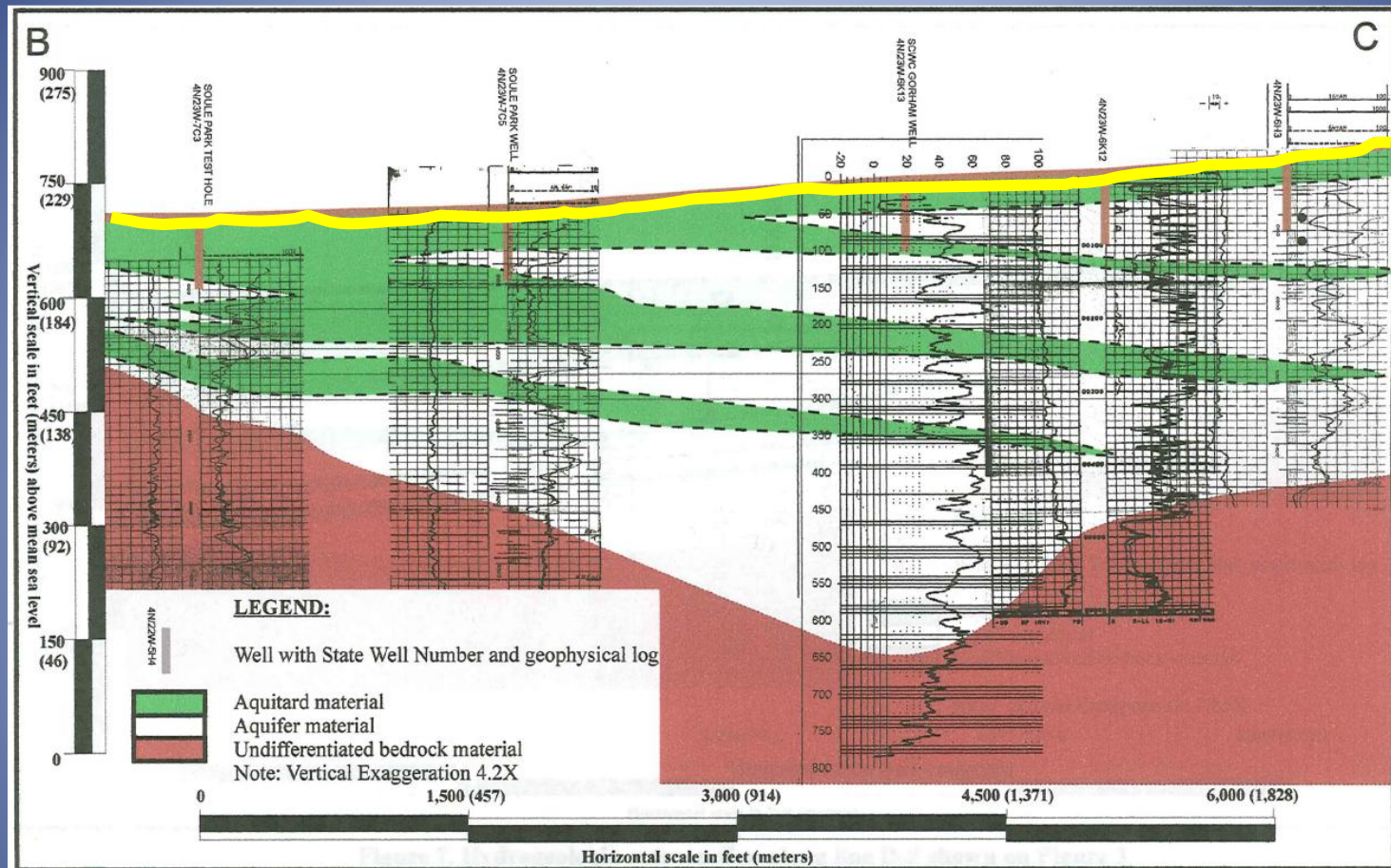
Back to basics

HAYDEN ENVIRONMENTAL, INC. Environmental Consulting Services Santa Barbara, California			LOG OF SPARGE WELL SP13				
OJAI VALLEY IMPORTS 996 East Ojai Avenue Ojai, California			Date Drilled : May 29, 2008	Logged By : K. Hayden			
VCEHD LUFT File #C86095			Drilling Method : Hollow-Stem Auger	Drilled By : BC2 Environmental Corp.			
Project No. 9401-02			Borehole Diameter : 8 Inches	Surveyed By : Azimuth Group			
			Sampling Method : Split-Spoon Sampler	Surface Elevation : 756.24 feet amsl			
Depth in Feet	USCS	GRAPHIC	DESCRIPTION	Blow Count	Samples	Lab No.	OVA (ppm)
0	AR		Asphalt Pavement				
2	CL/SC		Silty/Sandy CLAY, firm, brown, moist, some fine rounded gravel				
4	CL/SC		Silty/Sandy CLAY, firm, brown, moist, some fine rounded gravel				
6	CL/SC		Silty/Sandy CLAY, firm, brown, moist, some fine rounded gravel				
8	GC		Clayey GRAVEL, brown, wet				
10	CL/SC		Fine Sandy CLAY, firm, brown with gray mottling, very moist, some fine rounded gravel, faint HC odor	13			
12	CL/SC		Fine Sandy CLAY, firm, brown with gray mottling, very moist, some fine rounded gravel, faint HC odor	30			2,315
14	CL/ML		Silty CLAY, firm, brown w/ gray mottling, moist, moderate HC odor	23			
16	CL/ML		Silty CLAY, firm, brown w/ gray mottling, moist, moderate HC odor	19			
18	CL		CLAY, hard, olive gray, moist, moderate HC odor	13-1			1,292
20	CL		CLAY, hard, olive gray, moist, moderate HC odor	19			
22	CL		CLAY, hard, olive gray, moist, moderate HC odor	25			1,326
24	CL		CLAY, hard, olive gray, moist, moderate HC odor				
26	CL		CLAY, hard, olive gray, moist, moderate HC odor				
28	CL		CLAY, hard, olive gray, moist, moderate HC odor				
30	CL		CLAY, hard, olive gray, moist, moderate HC odor				
32	CL		CLAY, hard, olive gray, moist, moderate HC odor				

Well: SP13
Elev.: 755.72' amsl

TANK TEAM, INC.					
DRILLING LOG					
PROJECT	COBURN		SITE LOCATION	408 CANADA STREET, OJAI	
WELL/BORING ID	INJ2 (AUGER 2)	DATE	07/12/06	WELLHEAD ELVTN.	
LOGGED by	R. JUNCAL	REVIEWED by	R. JUNCAL	R.G. 5539	
DRILLING Co.	LA DRILL	METHOD	SOLID AUGER	DRILLER	MARK
BORING DIAMETER	24 inches	TOTAL DEPTH	29 ft.	DEPTH to WATER	20 ft.
CASING TYPE	4 INCH PVC	INTERVAL	0 ft. to 9 ft.		
SCREEN TYPE	4 INCH PVC (.020)	INTERVAL	9 ft. to 29 ft.		
FILTER PACK TYPE	SAND NO. 3	INTERVAL	8 ft. to 29 ft.		
SURFACE SEAL TYPE	BENTONITE GROUT	INTERVAL	0 ft. to 8 ft.		
NOTES:					

WELL DETAIL	DEPTH (feet)	P.I.D. (ppm)	SAMPLE ID	USC LOG	SOIL DESCRIPTION
	0				
	2				
	4				
	6				
	8				
	10				
	12				
	14				
	16				
	18				
	20				
	22				
	24				
	26				
	28				
	30				
	32				



**Figure 6. Hydrogeologic cross section along line B-C shown on Figure 3
(view looking west through western portion of the Ojai Basin)**

2005

Source: Kear, J. L., Hydrogeology of the Ojai Groundwater Basin, MS Thesis
California State University, Northridge, 2005