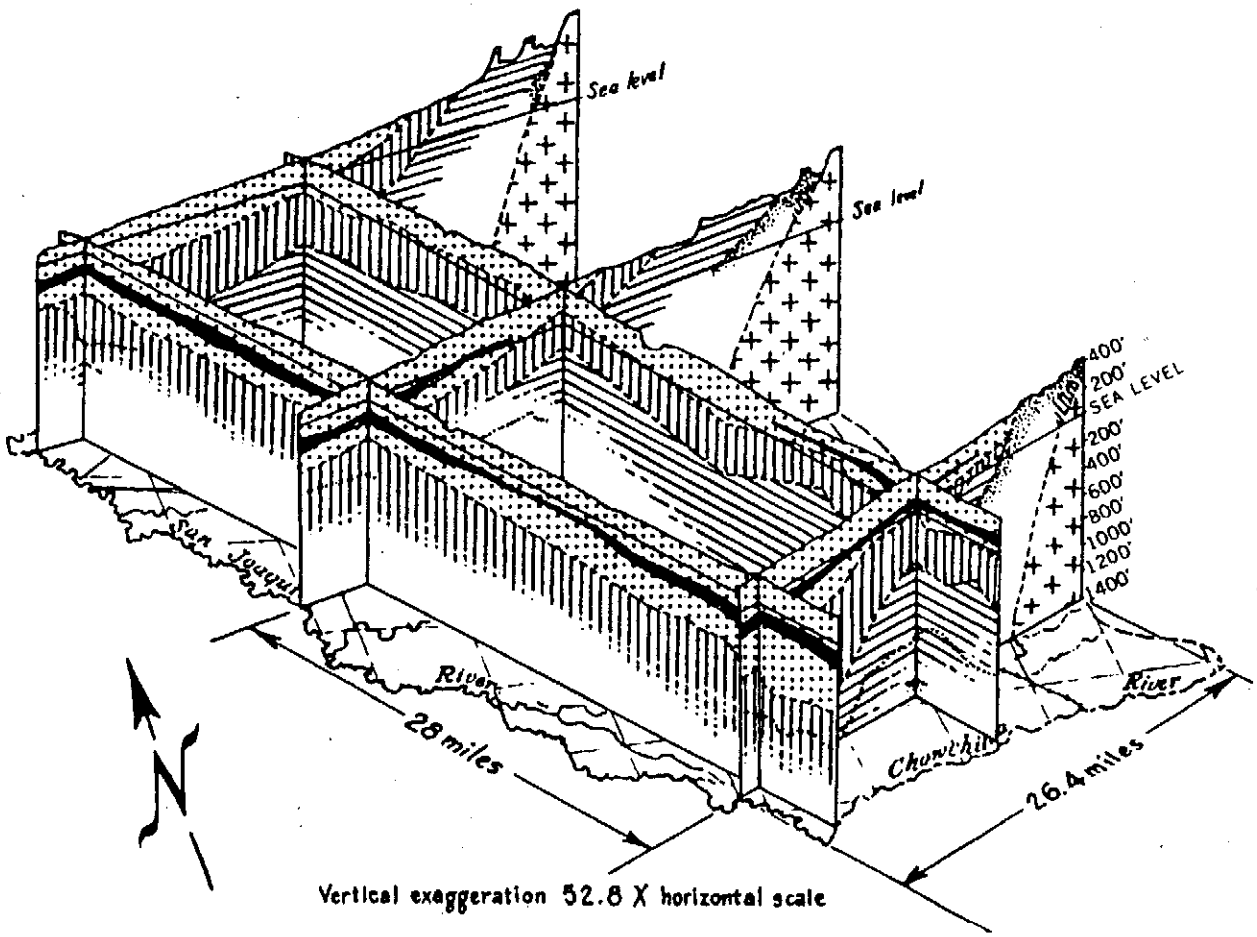
BACK TO DIGITAL INDEX

ATTACHMENT 4

Regional Geologic Diagrams



EXPLANATION

UNCONSOLIDATED DEPOSITS

QUATERNARY

Pleistocene and Holocene — Younger alluvium, flood-basin deposits, and older alluvium

Pleistocene — Lacustrine and marsh deposits (E-clay)

TERTIARY AND QUATERNARY ? — Pliocene and Pleistocene ? — Continental deposits

UNCONFORMITY

CONSOLIDATED ROCKS

TERTIARY

Miocene and Pliocene — Mehrten Formation

Miocene — Valley Springs Formation

UNCONFORMITY

Eocene — Ione Formation

UNCONFORMITY

PRE-TERTIARY

Basement complex

Geologic contact

Approximate base of water with specific conductance generally less than 3,000 micromhos per centimeter

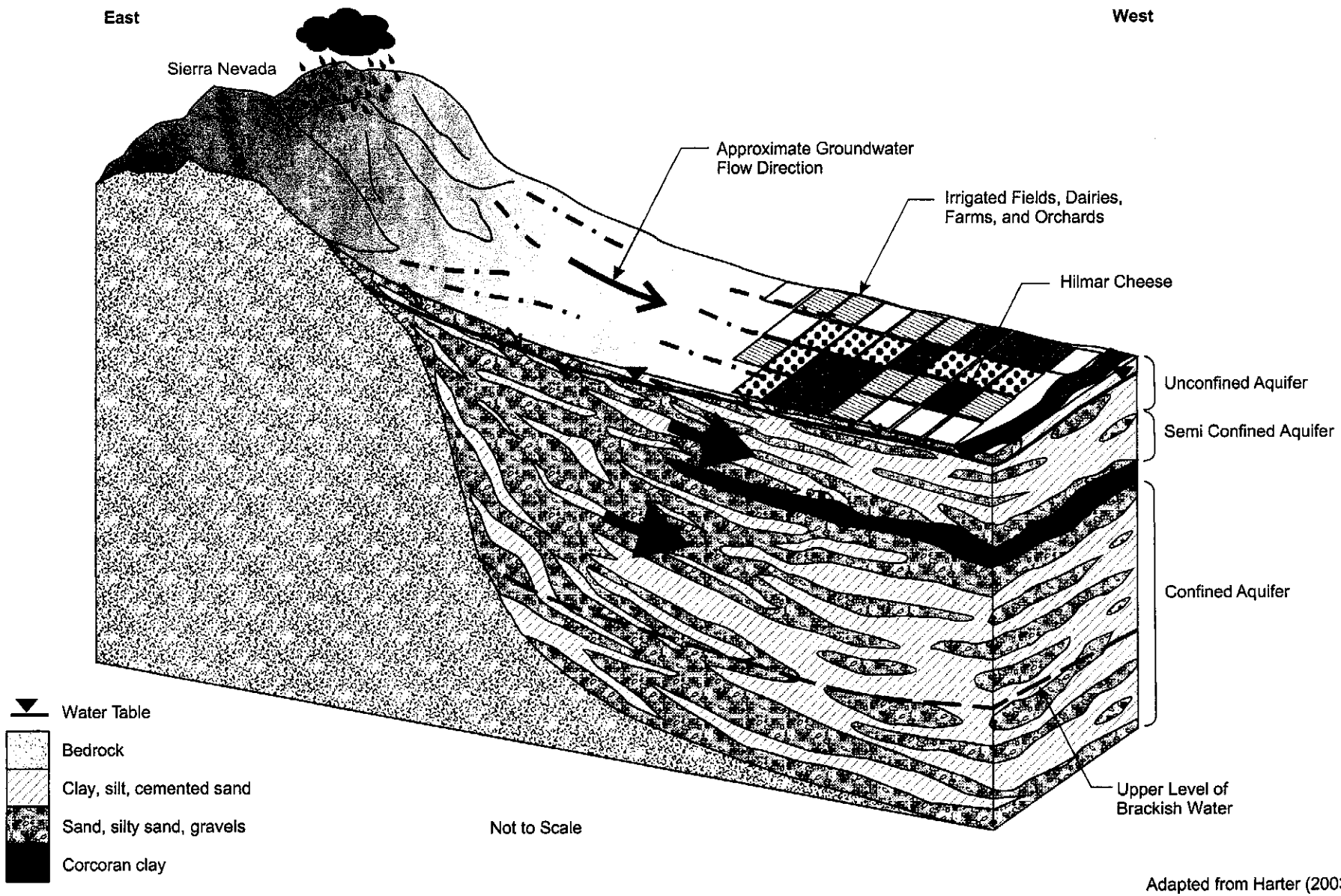
SAN JOAQUIN ENERGY CONSULTANTS, INC.
1400 Easton Drive, Suite 133, Bakersfield, CA 93309

Attachment 4A

Regional Fence Diagram
Hilmar Cheese Company
Merced County, California

Source: Page & Balding, 1973 Date: 9/04

Fence diagram of generalized geologic units.



Adapted from Harter (2003)

BROWN AND CALDWELL	PROJECT 25687-002	SITE Groundwater Characterization Report, Hilmar Cheese Company, Hilmar, California	Figure 4-4
	DATE 6-28-04	TITLE Regional Hydrogeologic Conceptual Model, Hilmar Cheese	

ATTACHMENT 4B: Regional Geologic Cross-Section (Brown & Caldwell, 2004)