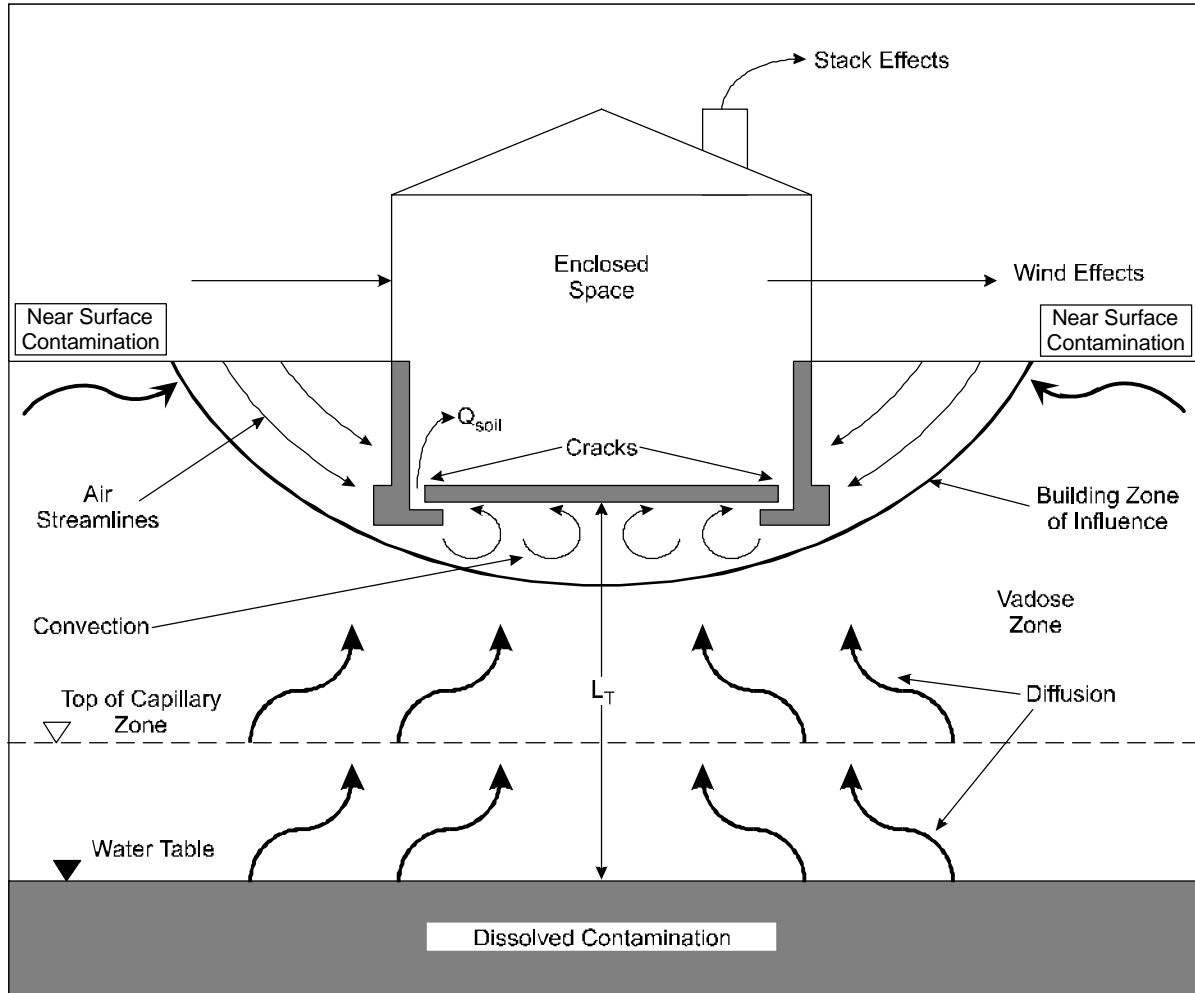
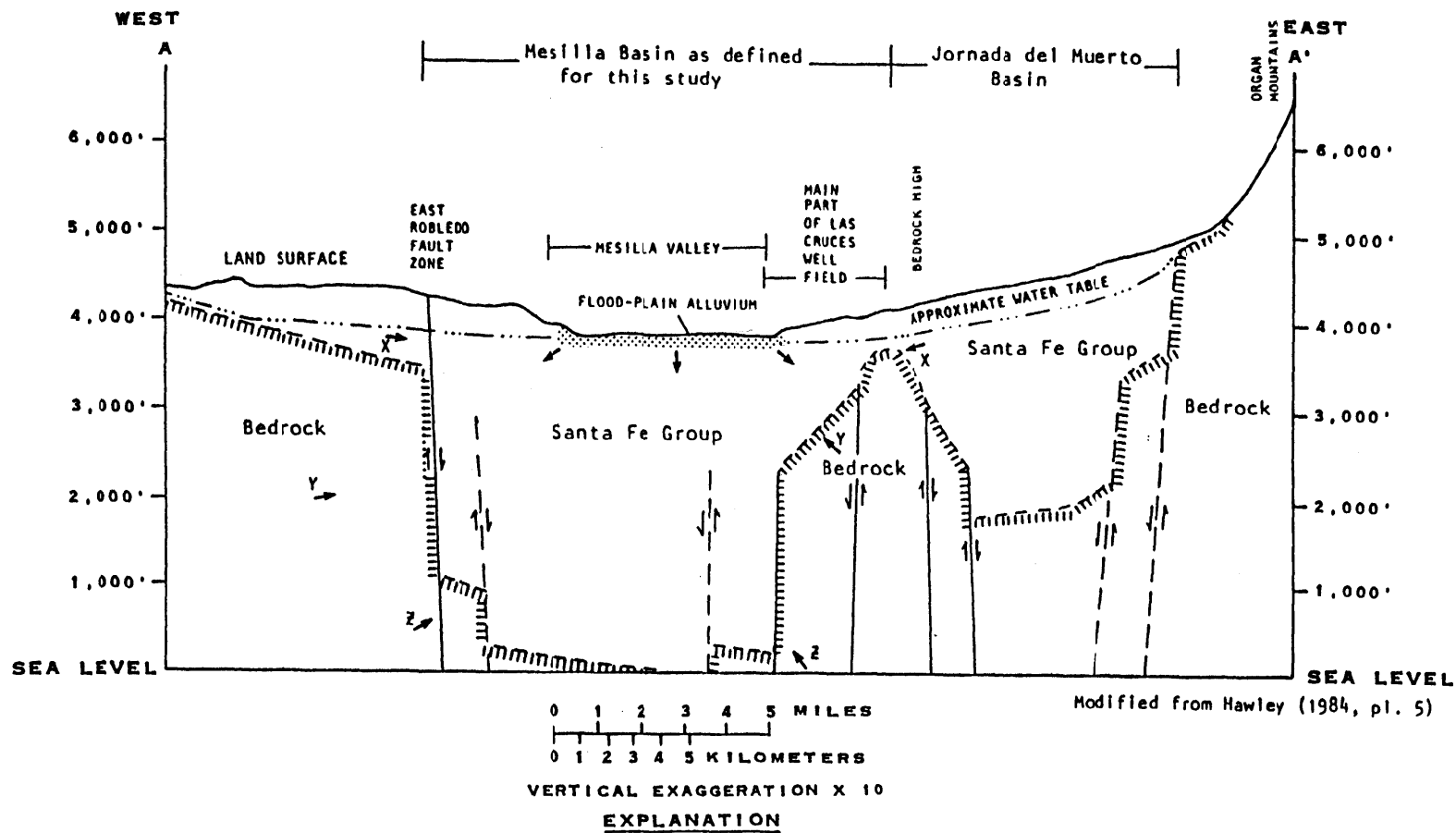


Note:  
 Non-detects are shown at the laboratory quantitation limit, usually 0.5 or 1.0 ug/L  
 Results from CLC Well 18 could be influenced by the well's construction and/or limited operation.  
 CLC Well 18 removed from service in September 1996.  
 CLC Well 27 removed from service in September 2001.  
 Blending controls for CLC Well 21 were approved by NMED DWB in September 2002.  
 CLC Well 19 removed from service in July 2005.

**Figure 1-2**  
**Change in PCE Concentrations Over Time in CLC Wells**  
 Griggs and Walnut Ground Water Plume Site  
 Las Cruces, New Mexico

**Figure 2-5**  
**Conceptual Vapor Migration Pathway**  
*Griggs and Walnut Ground Water Plume*  
*Las Cruces, New Mexico*



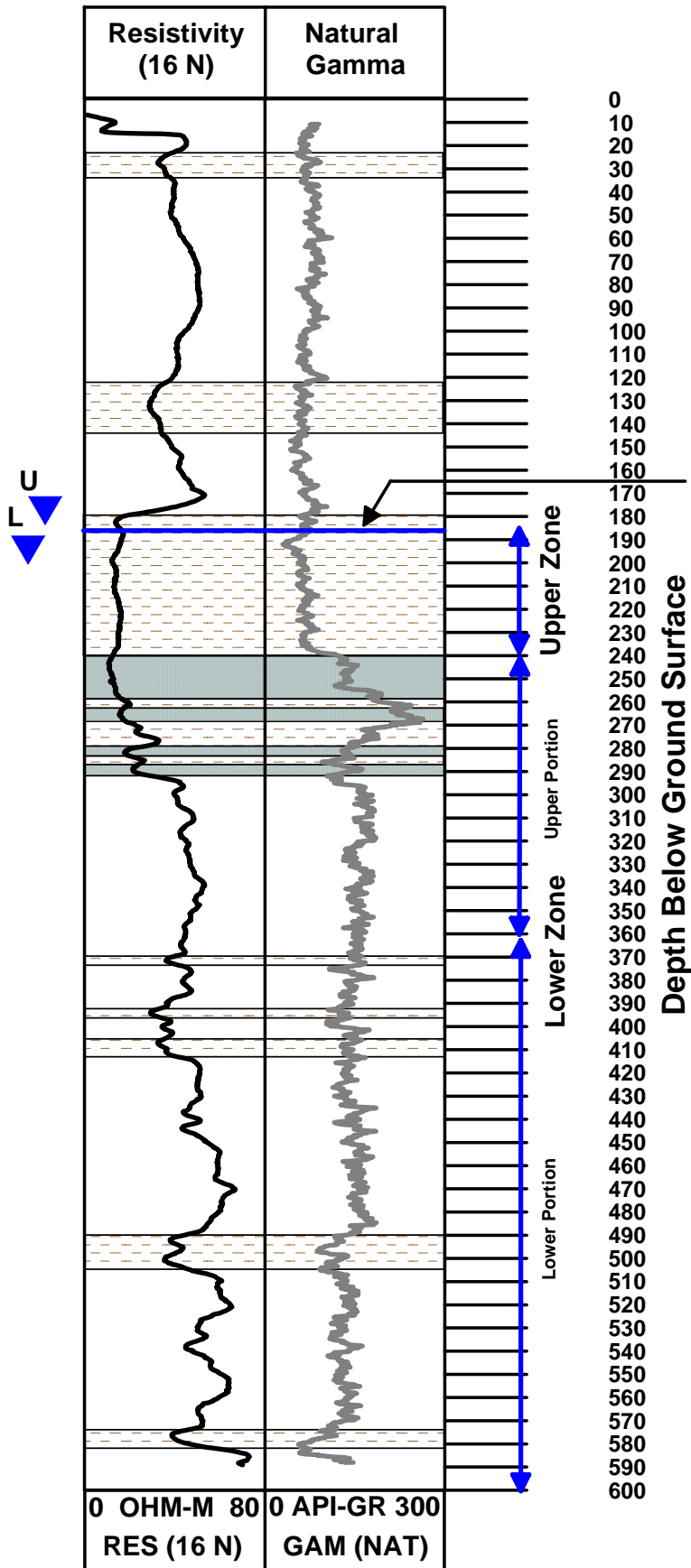


Modified from Hawley (1984, pl. 5)

- ||| FAULT--Dashed where inferred. Arrows indicate direction of relative vertical movement
- |||| APPROXIMATE CONTACT BETWEEN SANTA FE GROUP AND UNDERLYING BEDROCK.
- ⚡ POSSIBLE PATH OF UNDERFLOW INTO THE BASIN--X indicates flow in the Santa Fe Group; Y indicates flow partly through bedrock; Z indicates very deep flow
- ↘ POSSIBLE PATH OF FLOW FROM FLOOD-PLAIN ALLUVIUM






Figure 11.--Generalized geohydrologic section of the northern Mesilla Basin.  
Trace of section shown on plate 2.

Figure 3-2  
Regional Geologic Cross-Section of Mesilla Basin  
Griggs and Walnut Superfund Site  
Las Cruces, New Mexico



Water Table Surface

**Legend**

-  High Resistivity Units (Fine to coarse sands)
-  Moderate Resistivity Units (Fine Sands with Silt and Clay)
-  Low Resistivity Units (Clays and Silts)
-  Average Water Level For Upper Zone
-  Average Water Level For Lower Zone

Vertical Scale: 1" = 70.5'

**NOTE:**

Borehole size during geophysical logging was 12 inch diameter from 0 to 250 feet and 6 inch diameter from 250 feet to total depth.

The larger borehole size from 0 to 250 feet resulted in a lower response of the geophysical logging tools to the lithology.

**FIGURE 3-3**  
**Geophysical Type Section**  
**for Monitor Well GWMW01**  
*Griggs and Walnut Ground Water Plume Site*  
*Las Cruces, New Mexico*

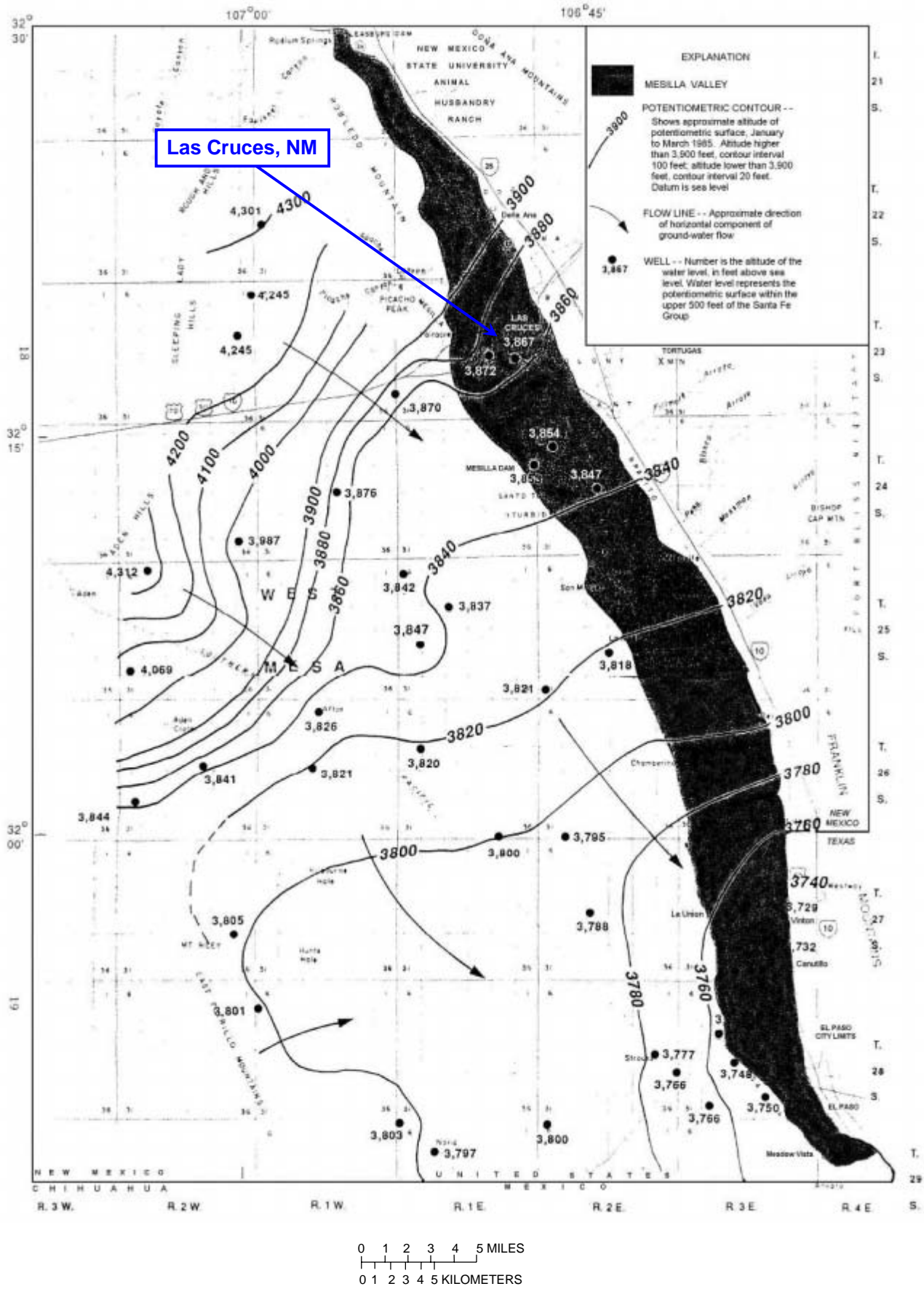
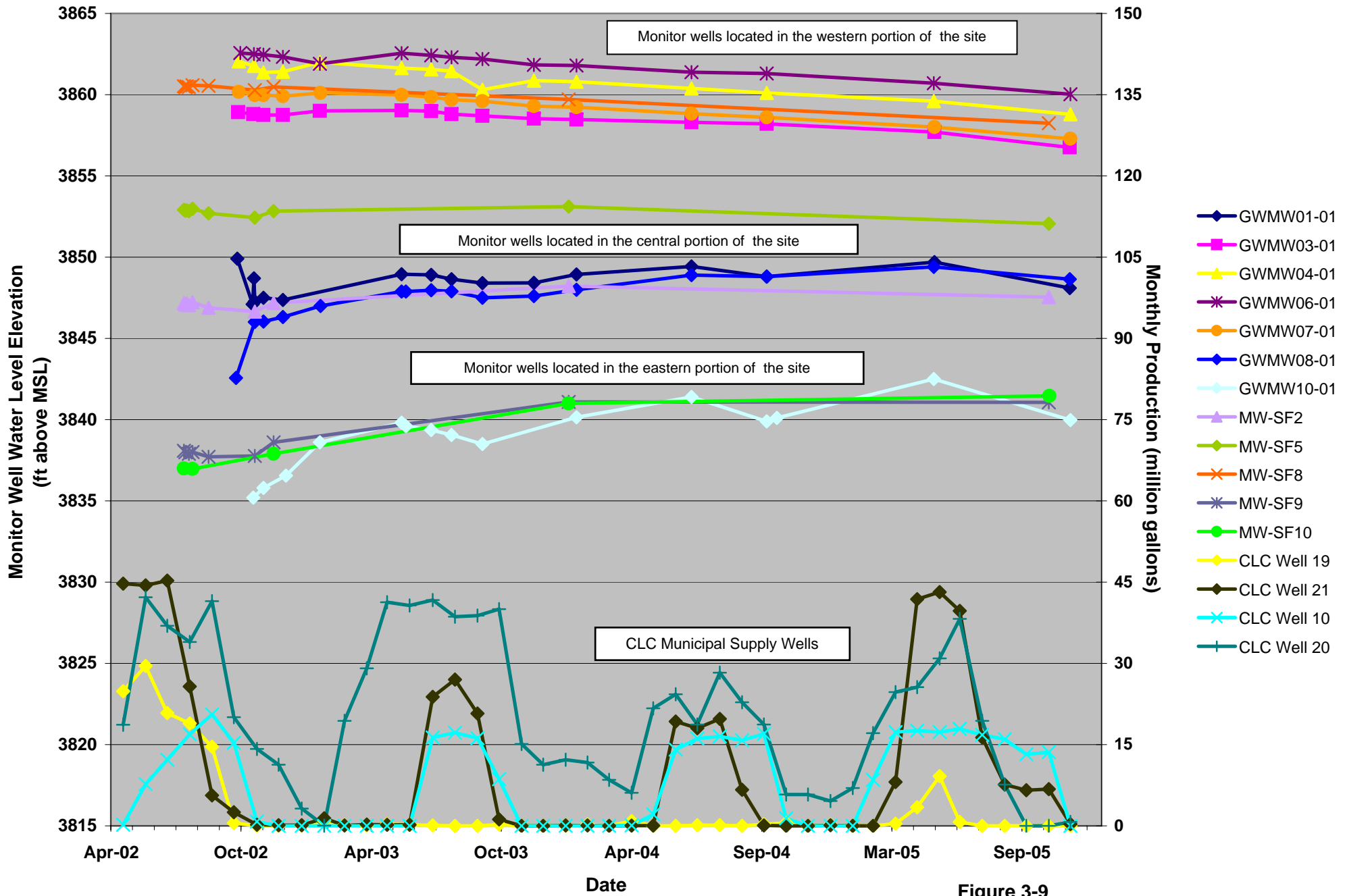
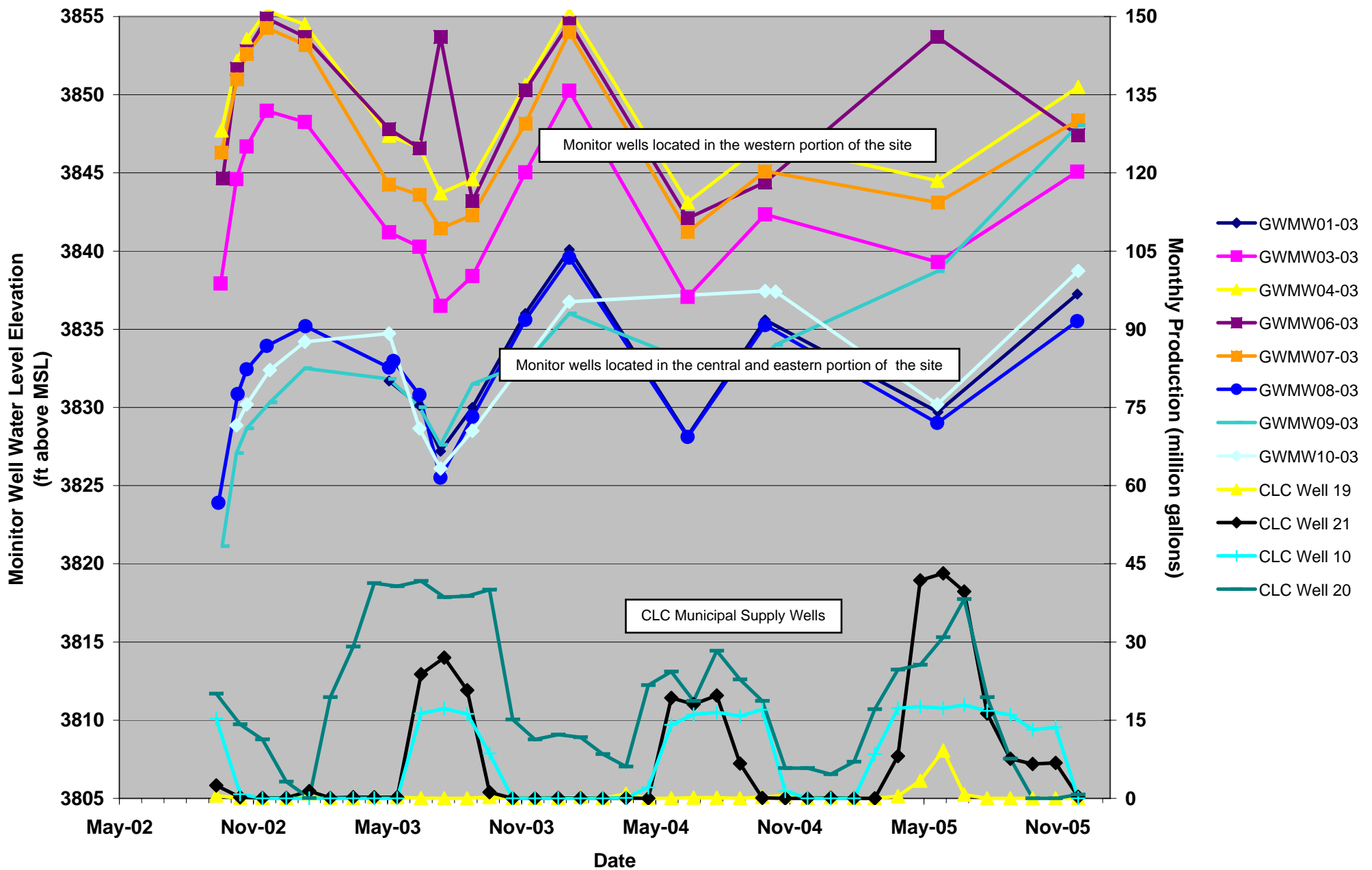


Figure 9. – Altitude of the potentiometric surface of the aquifer in the Santa Fe Group, January to March 1985.

**Figure3-8**  
**Regional Potentiometric Surface in the**  
**Mesilla Ground Water Basin**  
**Griggs and Walnut Ground Water Plume Site**  
**Las Cruces, New Mexico**

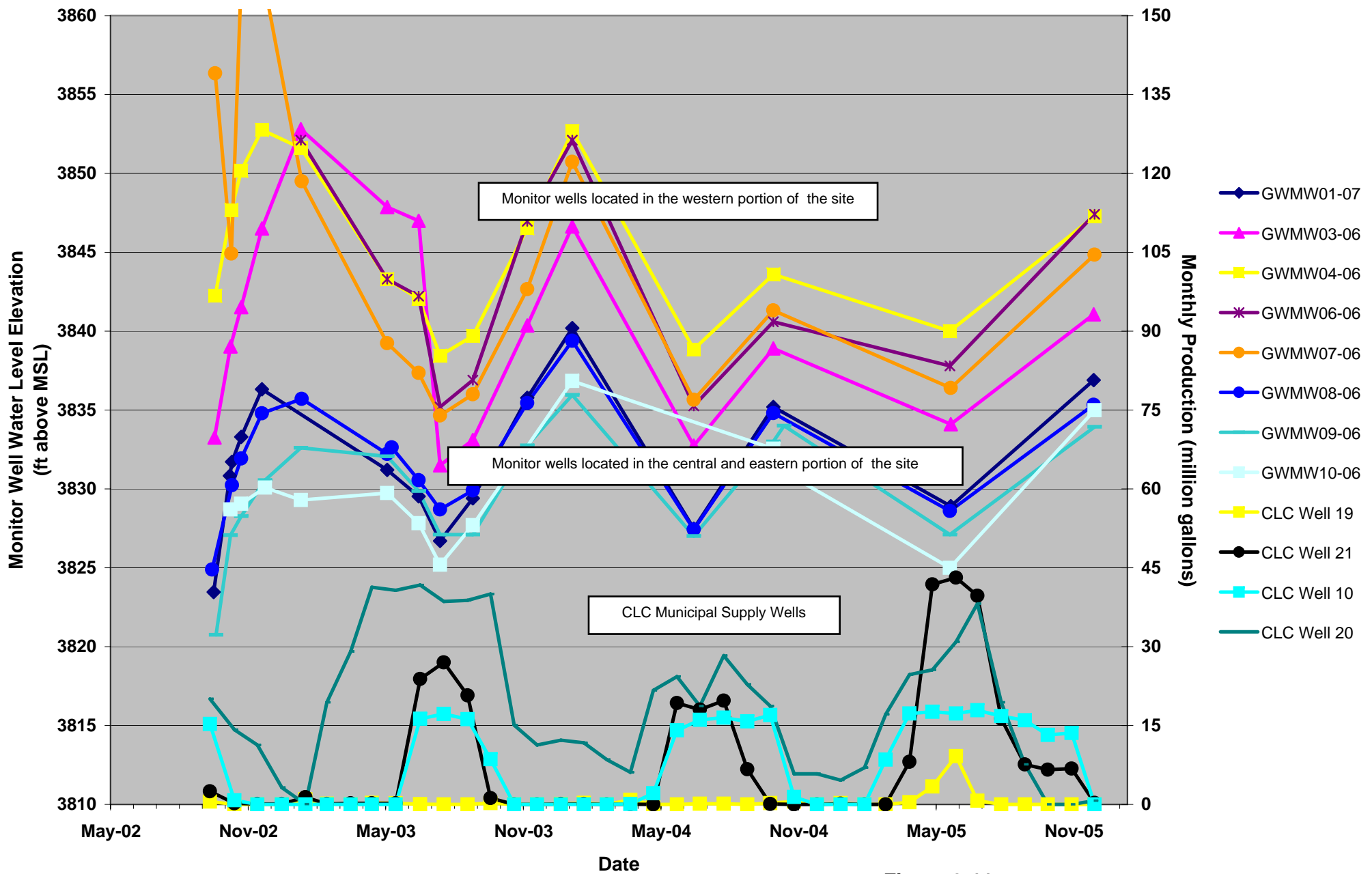


**Figure 3-9**  
**Water Level Trends in Selected Upper Hydrologic Zone (Water Table)**  
**Monitor Wells vs. Monthly Production Volumes in CLC Municipal Supply Wells**  
*Griggs and Walnut Ground Water Plume Site*  
*Las Cruces, New Mexico*



**Figure 3-10**  
**Water Level Trends in Selected Lower Hydrologic Zone (Upper Portion) Monitor Wells vs.**  
**Monthly Production Volumes In CLC Municipal Supply Wells**  
*Griggs and Walnut Ground Water Plume Site*  
*Las Cruces, New Mexico*

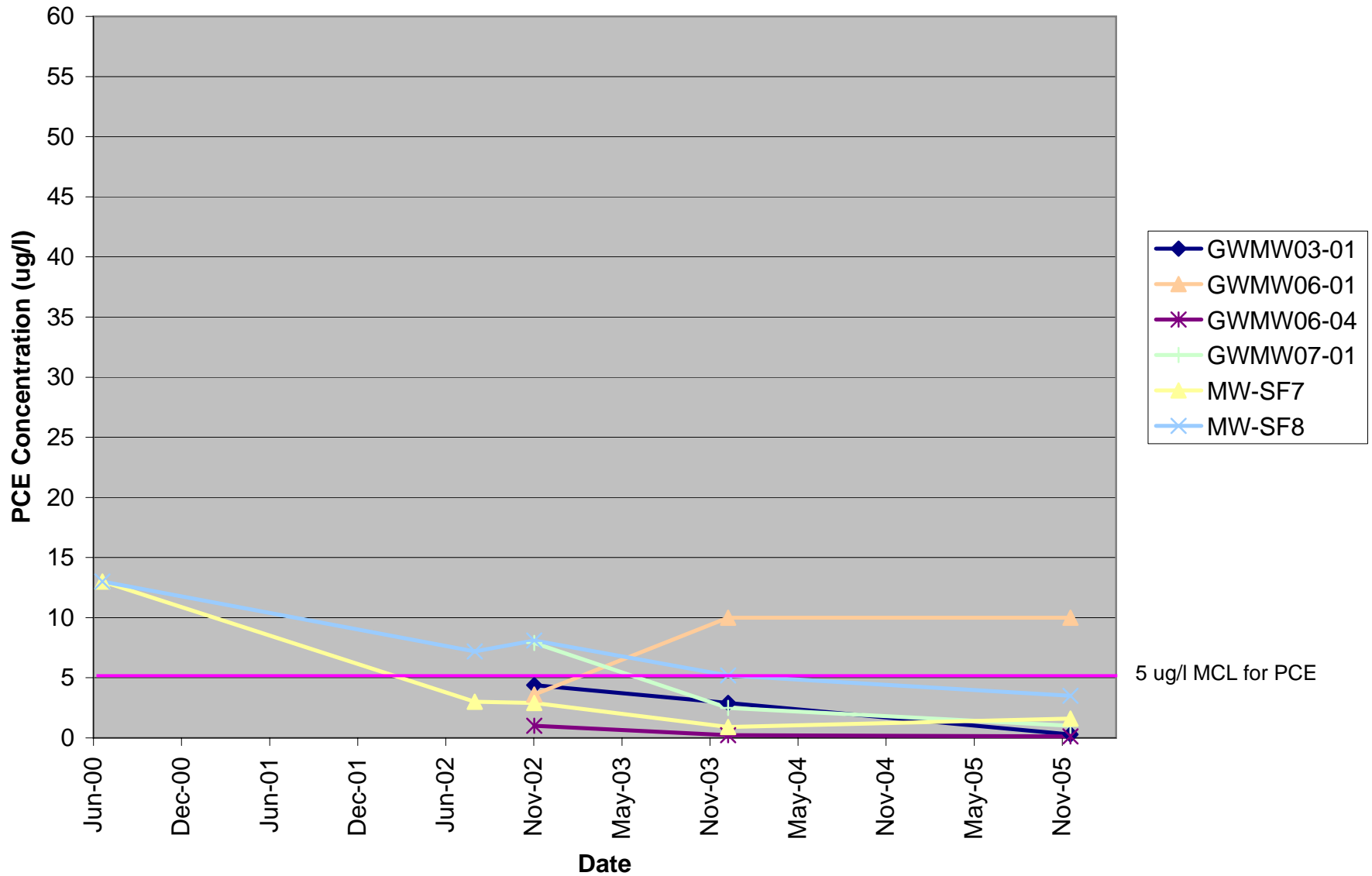
**NOTE:** The upper portion of the Lower Hydrologic Zone corresponds to an approximate range of 3,675 ft to 3,725 ft above MSL.



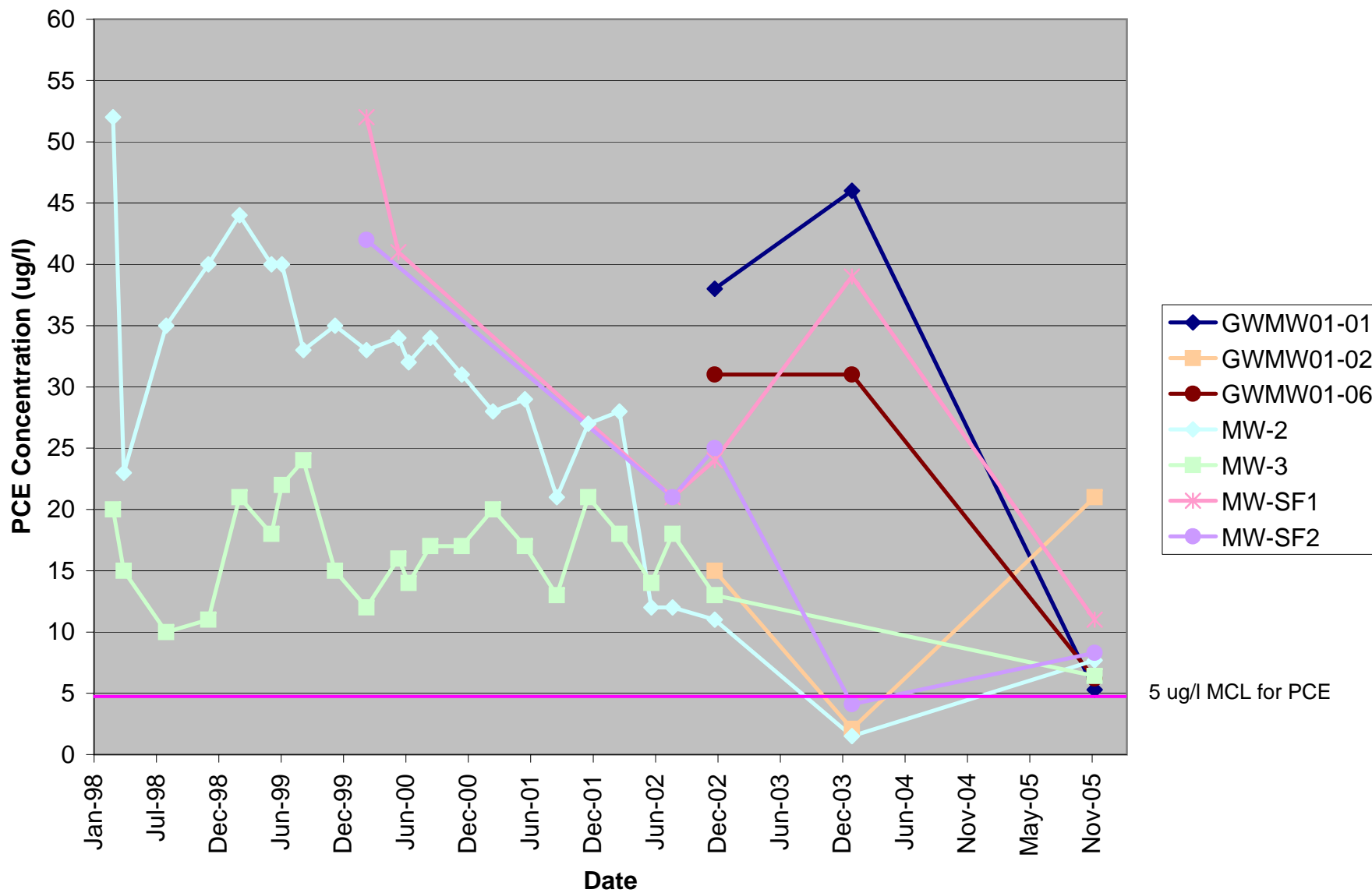
**Figure 3-11**  
**Water Level Trends in Selected Lower Hydrologic Zone (Lower Portion) Monitor Wells vs.**  
**Monthly Production Volumes in CLC Municipal Supply Wells**  
*Griggs and Walnut Ground Water Plume Site*  
*Las Cruces, New Mexico*

**NOTE:** The lower portion of the Lower Hydrologic Zone corresponds to an approximate range of 3,460 ft to 3,590 ft above MSL.

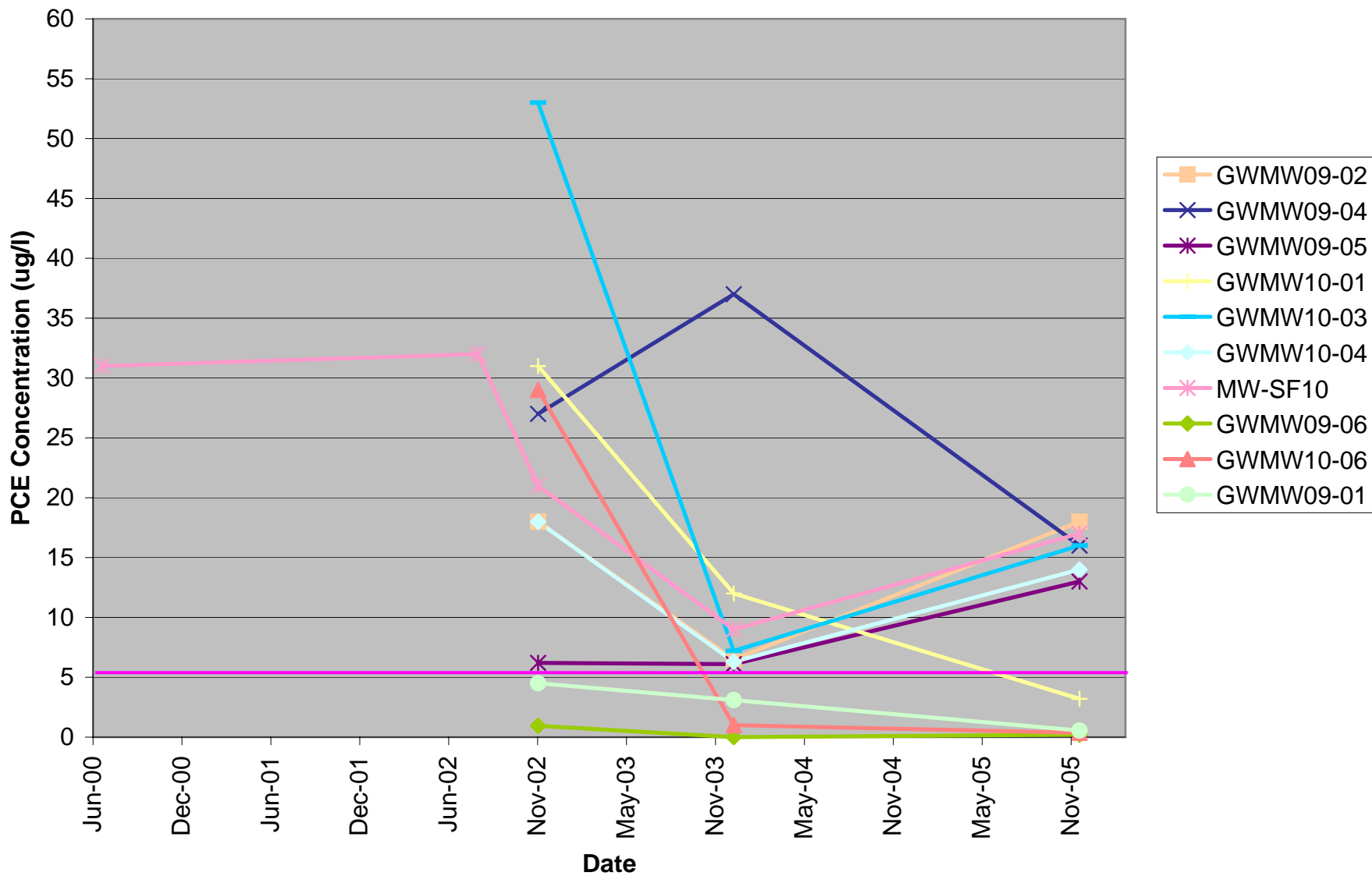
**Figure 4-16**  
**PCE Concentration Trends West of the DACTD Maintenance Facility**  
*Griggs and Walnut Ground Water Plume Site*  
*Las Cruces, New Mexico*



**Figure 4-17**  
**PCE Concentrations Trends at the DACTD Maintenance Facility**  
*Griggs and Walnut Ground Water Plume Site*  
*Las Cruces, New Mexico*

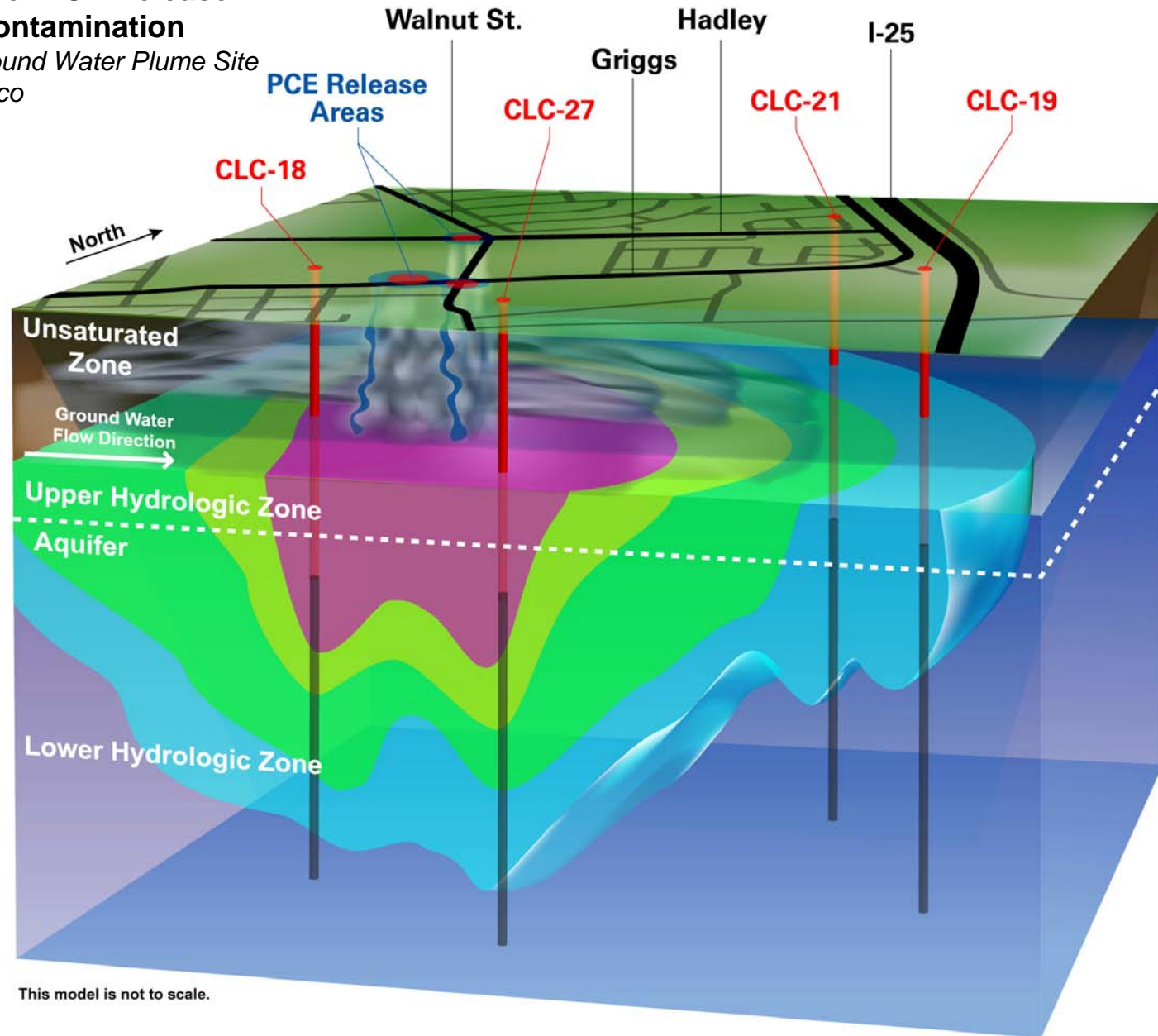


**Figure 4-18**  
**PCE Concentration Trends East of the DACTD Maintenance Facility**  
*Griggs and Walnut Ground Water Plume Site*  
*Las Cruces, New Mexico*



**Figure 6-1**  
**Conceptual Model of PCE Release**  
**and Subsurface Contamination**

*Griggs and Walnut Ground Water Plume Site*  
*Las Cruces, New Mexico*



This model is not to scale.