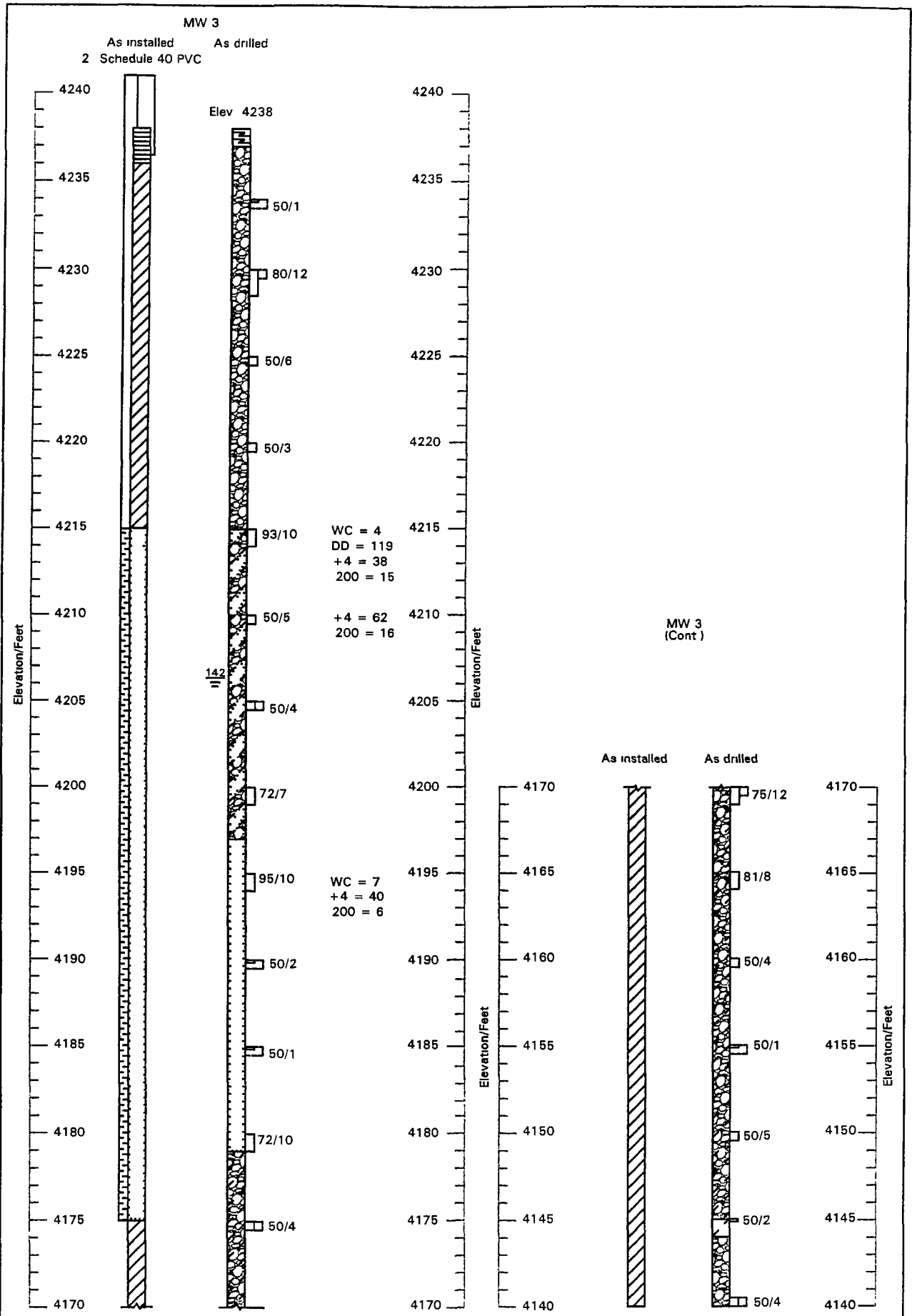


Approximate Vertical Scale 1" = 8'

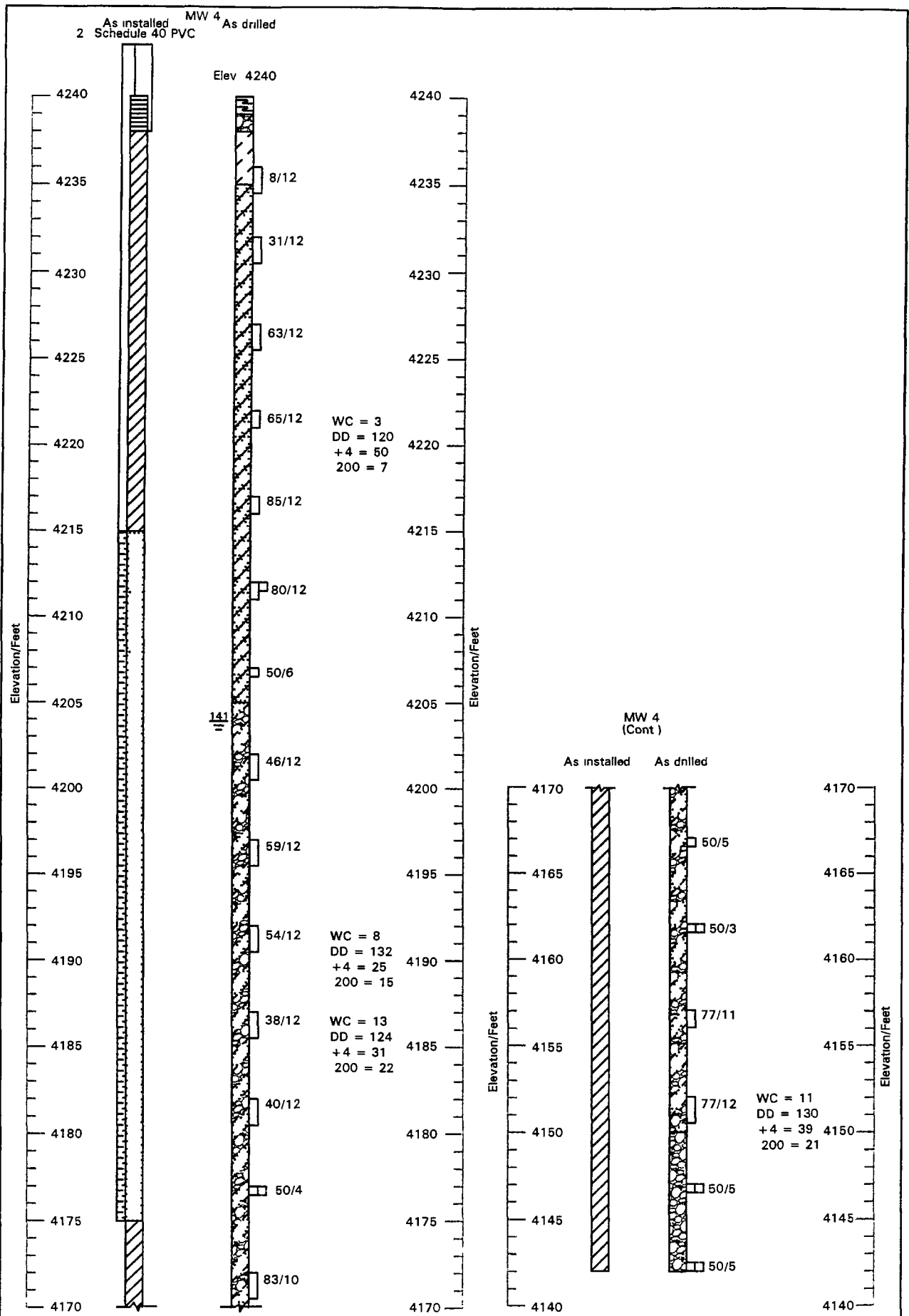
See Figure 13 for Legend and Notes

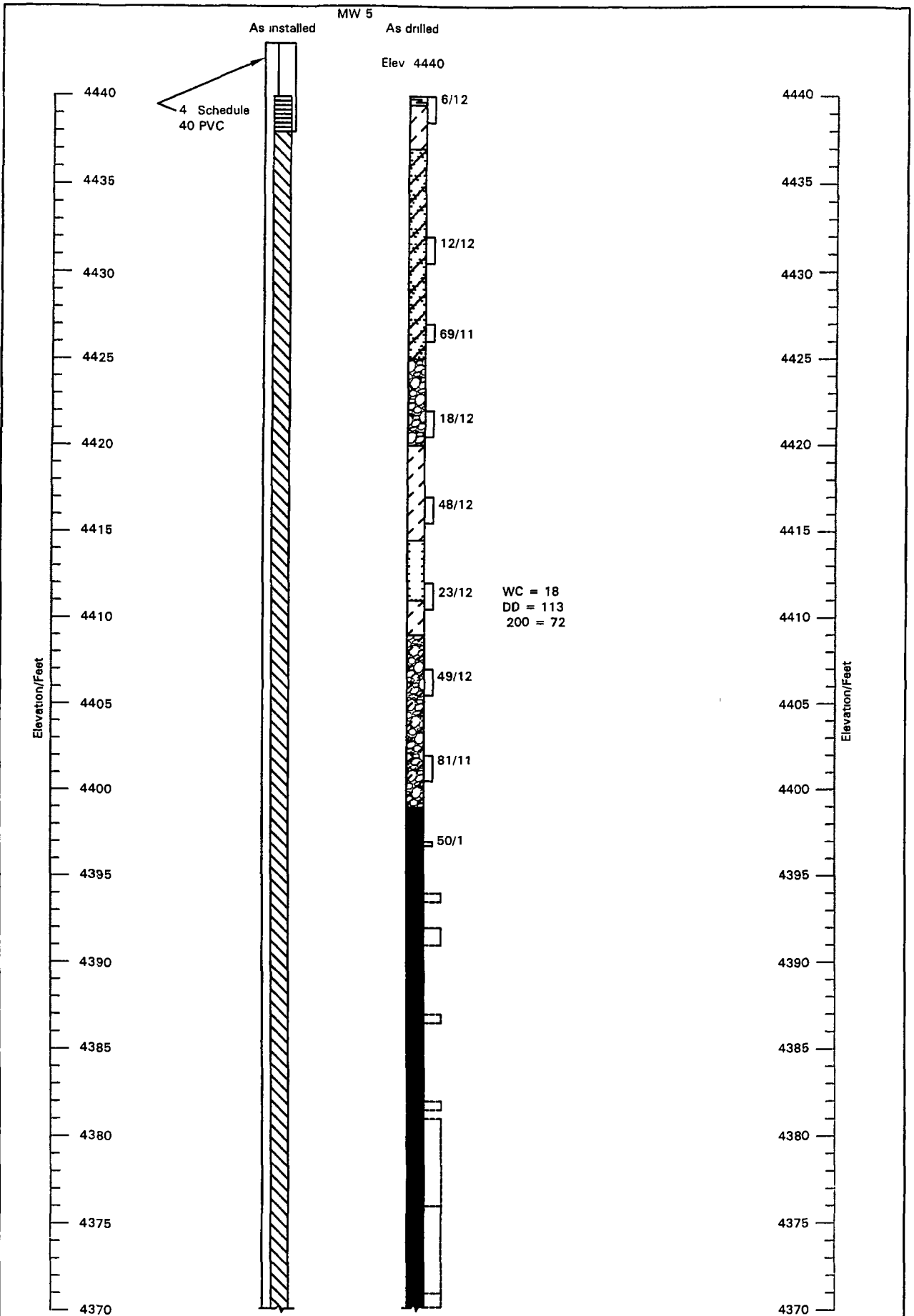




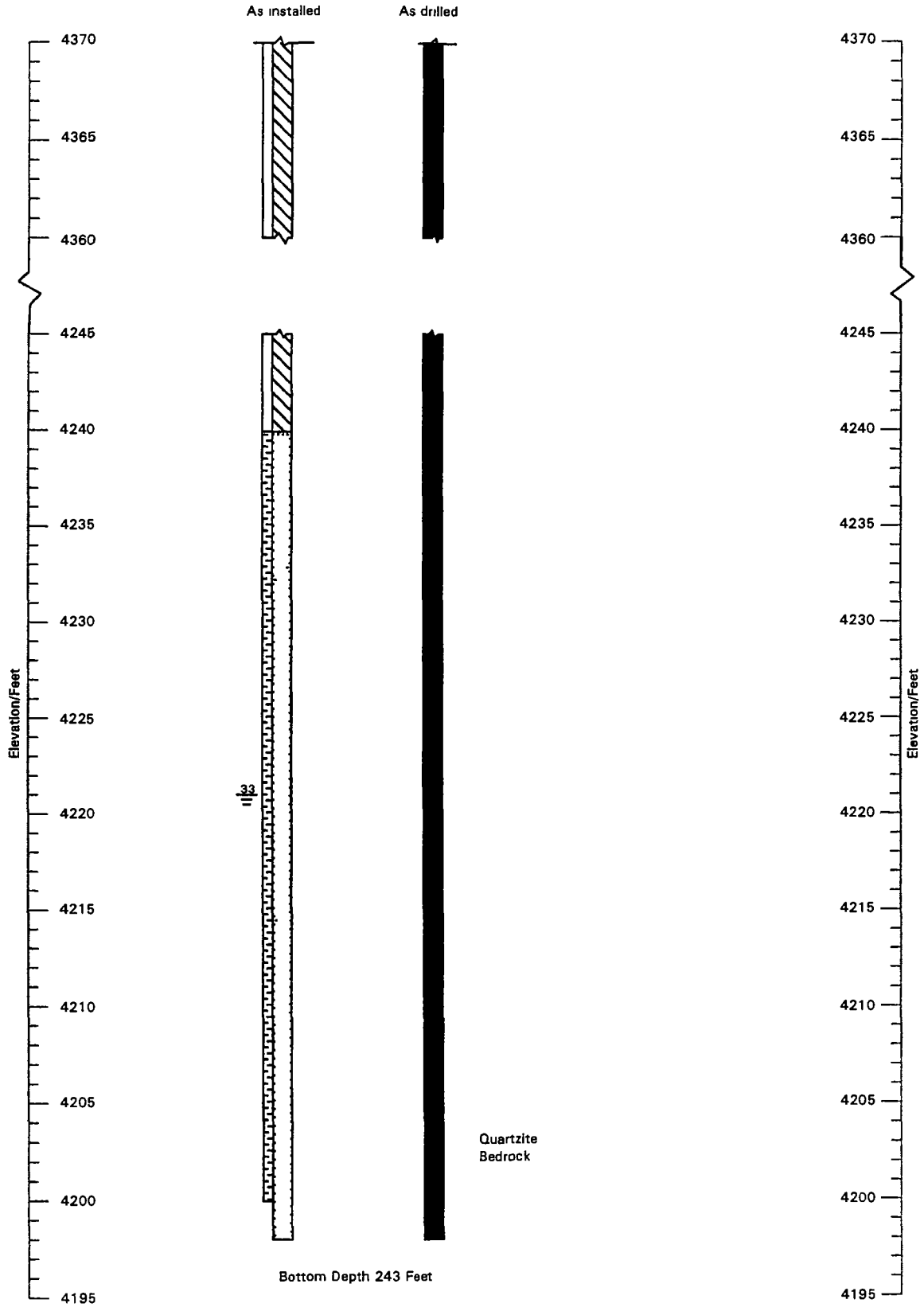
Approximate Vertical Scale 1 = 8

See Figure 13 for Legend and Notes



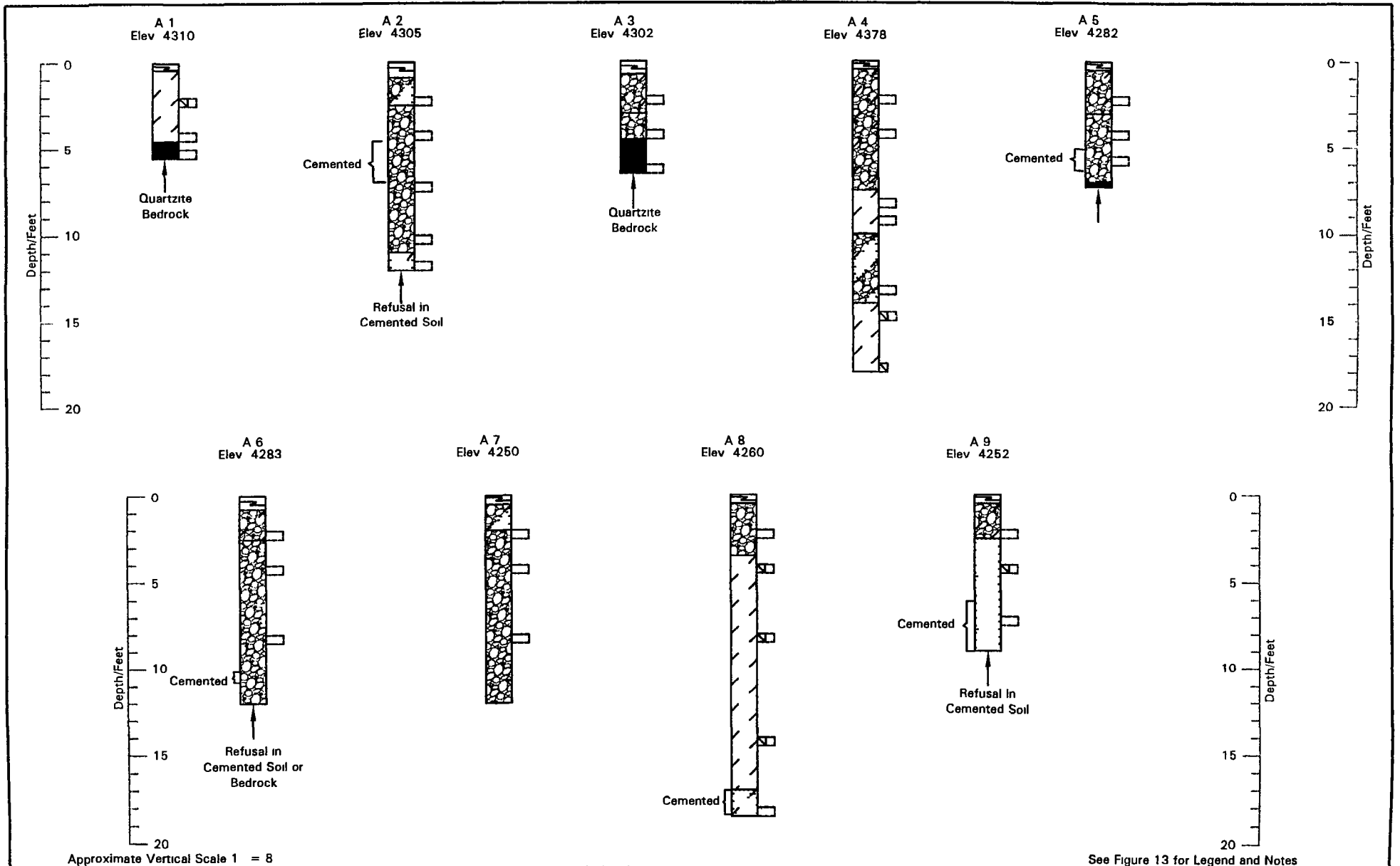


MW 5 (Continued)

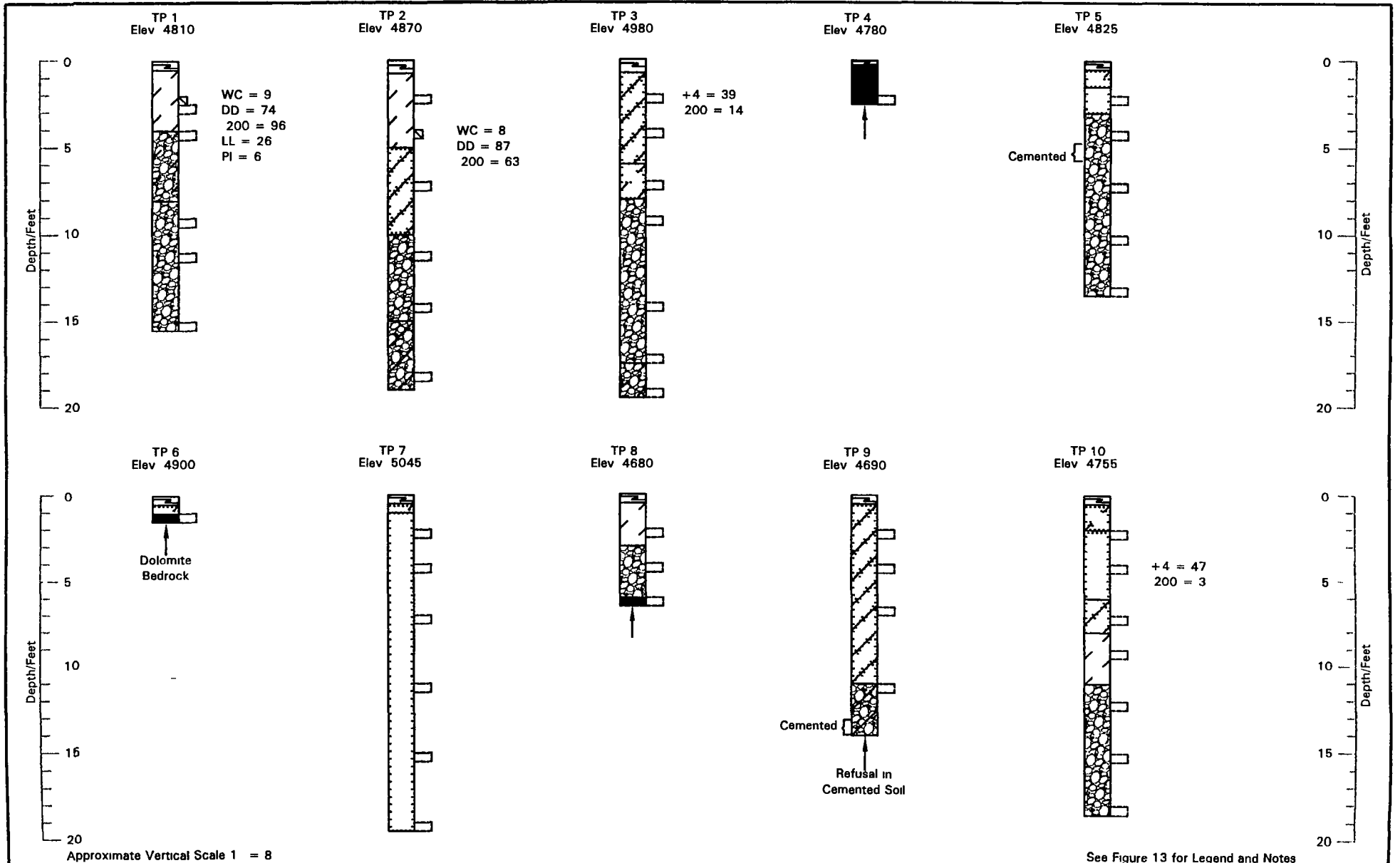


Approximate Vertical Scale 1 = 8

See Figure 13 for Legend and Notes

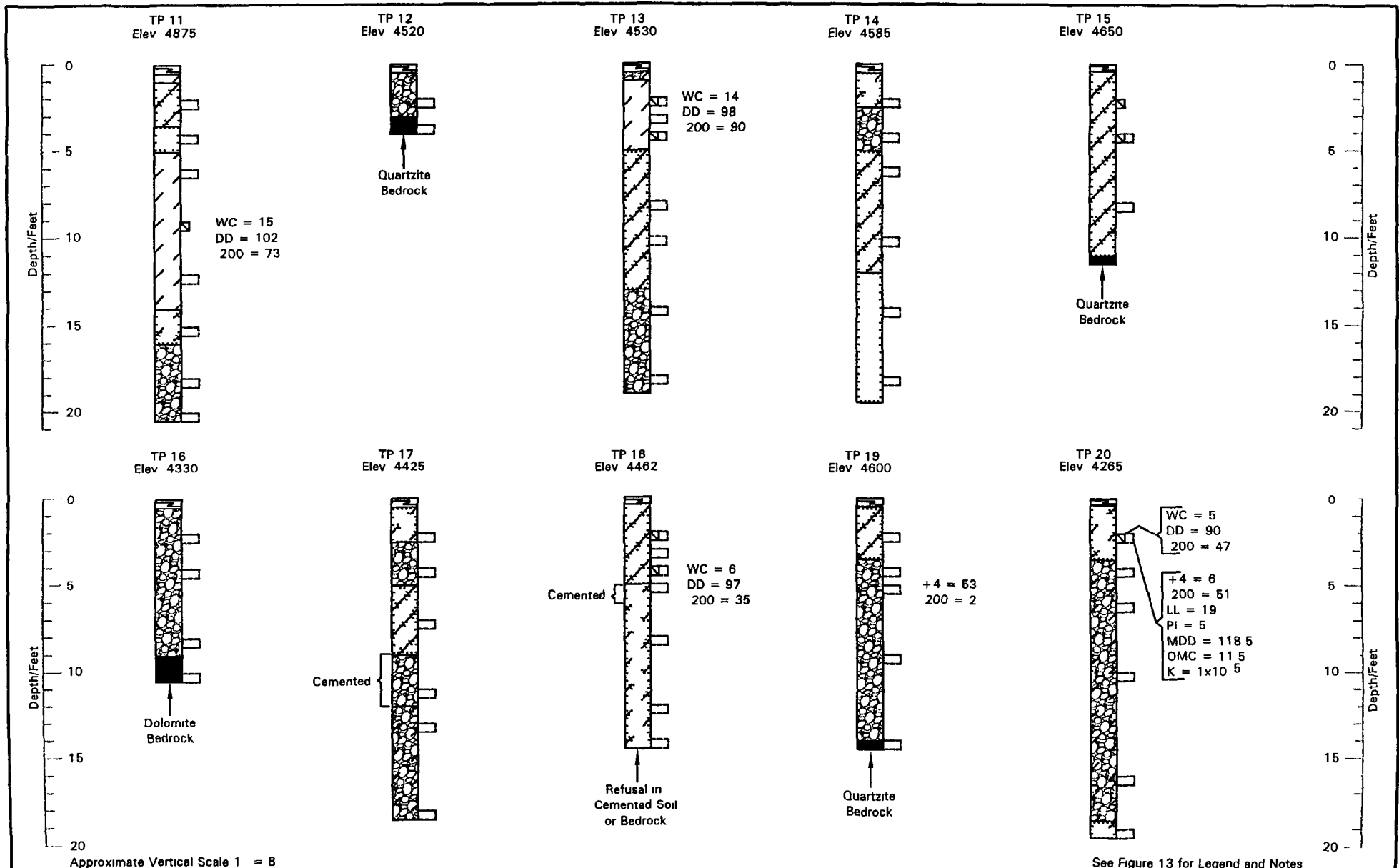


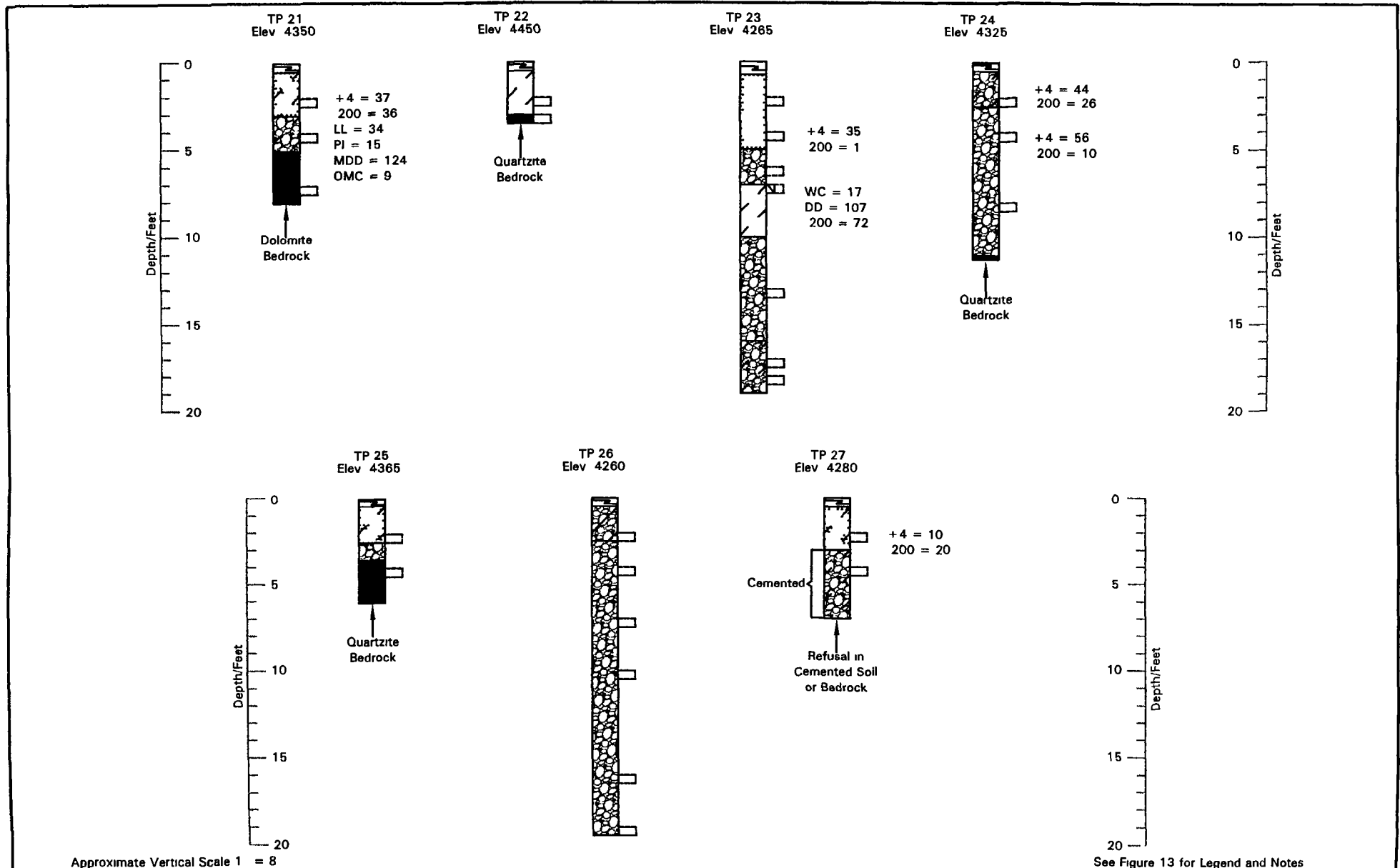
See Figure 13 for Legend and Notes


















See Figure 13 for Legend and Notes














**Legend of Boring and Test Pit Logs**

-  Topsoil silty and clayey sand and gravel to lean clay cobbles and occasional boulders slightly moist brown roots
-  Lean Clay (CL) small to moderate amount of gravel porous in Test Pits TP 1 TP 2 and A 1 cobbles and occasional boulders up to 3 feet in size stiff to very stiff slightly moist wet at depth in borings brown to reddish brown to grayish brown
-  Clayey Sand with Gravel (SC) clayey gravel layers cobbles and occasional boulders up to 1 / feet in size medium dense to dense slightly moist to moist brown
-  Silty Sand with Gravel (SM) clayey layers and gravel layers occasional cemented layers cobbles and occasional boulders medium dense to very dense slightly moist brown to reddish brown
-  Poorly Graded Sand with Gravel (SP) gravel layers cobbles and occasional boulders occasional cemented layers medium dense to very dense slightly moist to moist wet at depth in the borings brown to grayish brown to reddish brown
-  Clayey Gravel with Sand and Clayey Sand with Gravel (GC/SC) Interlayered cobbles and occasional boulders occasional clay layers dense to very dense slightly moist to moist wet at depth in the borings brown to gray
-  Clayey Gravel with Sand (GC) clayey sand layers occasional clay layers cobbles and boulders up to approximately 2 feet in size occasional cemented layers medium dense to very dense slightly moist to moist wet at depth in the borings brown to gray
-  Silty Gravel with Sand (GM) silty sand layers cobbles up to approximately 1 foot in size occasional cemented layers dense to very dense slightly moist brown
-  Poorly Graded Gravel with Sand (GP) sand layers occasional cemented layers cobbles and boulders up to approximately 2 feet in size medium dense to very dense slightly moist to moist wet at depth in the borings brown to grayish brown
-  Bedrock quartzite and dolomite hard to very hard dry to wet grayish white to gray to purple
-  10/12 California Drive sample taken The symbol 10/12 indicates that 10 blows from a 140 pound hammer falling 30 inches were required to drive the sampler 12 inches
-  Indicates relatively undisturbed hand drive sample taken
-  Indicates disturbed sample taken
-  Indicates practical refusal
-  Indicates the depth of subsurface water and the number of days after drilling the measurement was taken

**NOTES**

- 1 The borings for monitor wells MW 1 to MW 4 were drilled and installed on January 23 24 27 28 and 29 2003 with a 4 inch odex drilling system Monitor well MW 5 was drilled and installed May 14 to May 21 2003 with 8 inch Odex/Air Rotary methods The test pits were excavated on December 11 12 13 16 and 23 2002 with a track excavator
- 2 Locations of the borings and test pits were measured approximately by a hand held GPS
- 3 Elevations of the borings and test pits were estimated based on interpolation between contours shown on Figure 2
- 4 The boring and test pit locations and elevations should be considered accurate only to the degree implied by the method used
- 5 The lines between the materials shown on the boring and test pit logs represent the approximate boundaries between material types and the transitions may be gradual
- 6 No free water was encountered in the test pits at the time of excavating Water level readings shown on the monitor well logs were made at the time and under the conditions indicated Fluctuation in the water level will occur with time
- 7 WC = Water Content (%)  
DD = Dry Density (pcf)  
+4 = Percent Retained on No. 4 Sieve  
200 = Percent Passing No. 200 Sieve  
LL = Liquid Limit (%)  
PI = Plasticity Index (%)  
MDD = Maximum Dry Density determined by ASTM D 678 (pcf)  
OMC = Optimum Moisture Content determined by ASTM D 678 (%)  
K = Permeability (cm/sec)

**LEGEND OF WELL INSTALLATION**

-  Concrete
-  Bentonite Seal (3/8 chips)
-  Bentonite Grout
-  Sand pack around well screen 10 20 Silca Sand
-  Indicates Schedule 40 PVC flush threaded pipe installed
-  Indicates machine slotted schedule 40 PVC flush threaded pipe with 0.01 inch openings installed
-  Indicates steel protective casing installed The casings are 4 inch diameter for MW 1 through MW 4 The casing is 8 inch square for MW 5