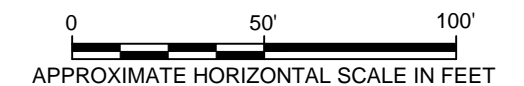


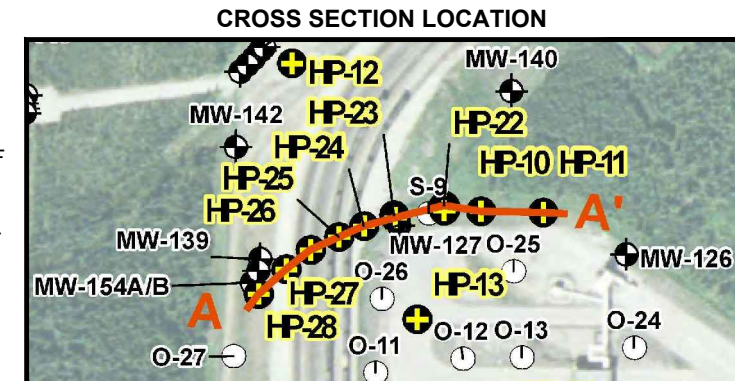
**LEGEND**

- WELL ID
- GROUND SURFACE
- DEPTH TO GROUNDWATER (ESTIMATED FEET BELOW GROUND SURFACE)
- MONITORING WELL SCREEN INTERVAL
- 1.56 BENZENE CONCENTRATION (µg/L)
- J ESTIMATED CONCENTRATION
- JL QUANTITATION IS BIASED LOW DUE TO LIMITATIONS IDENTIFIED DURING THE QUALITY ASSURANCE REVIEW
- bgs BELOW GROUND SURFACE
- <0.300 NOT DETECTED, VALUE LISTED IS LIMIT OF DETECTION

- NOTES:**
- BOLDED VALUES EXCEED ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION GROUNDWATER CLEAN UP LEVEL FOR BENZENE (5 µg/L).
  - DEPTH TO WATER IS APPROXIMATE AND DOES NOT REFLECT ACTUAL GROUNDWATER CONDITIONS AT THE LOCATIONS DEPICTED IN THIS FIGURE.



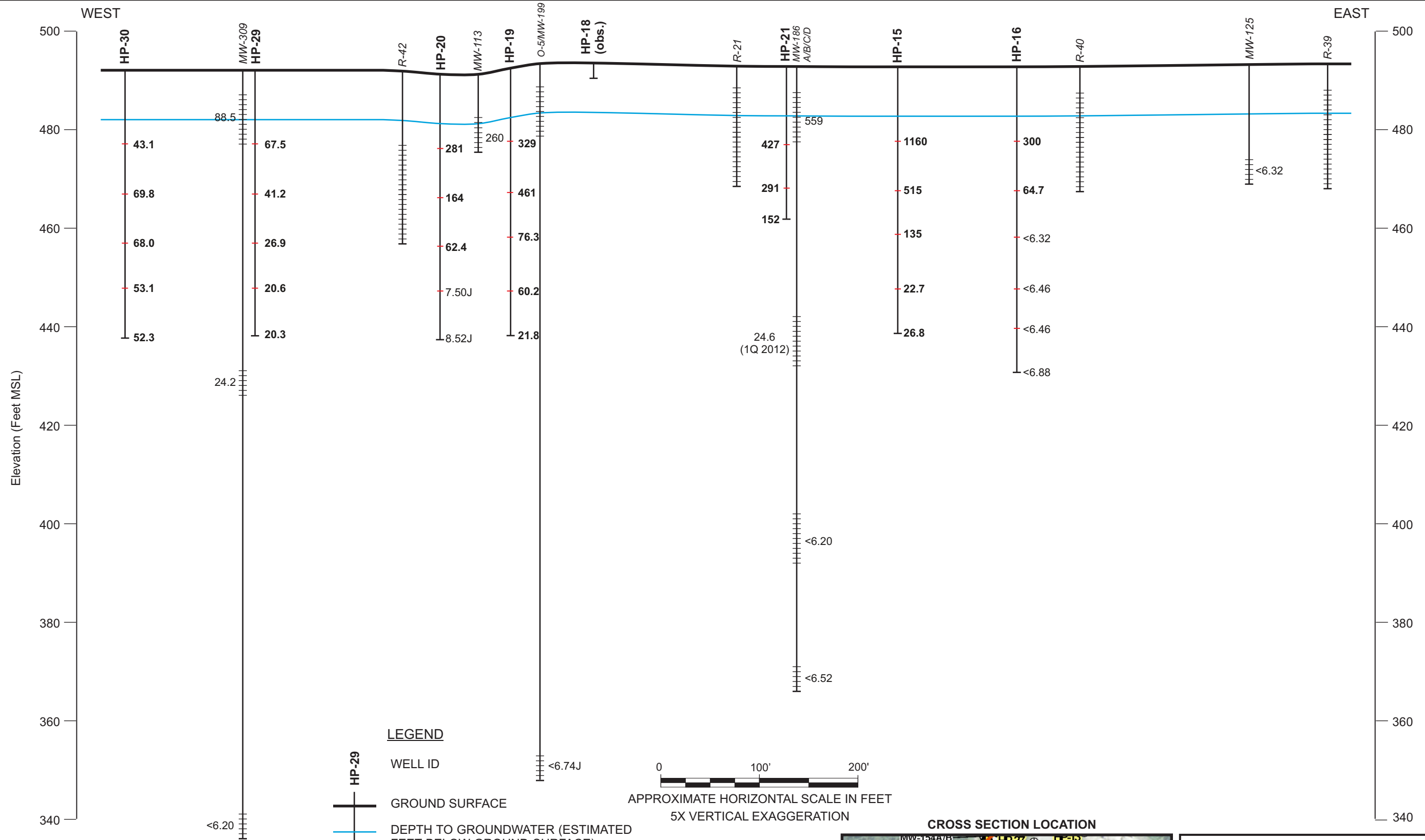
4x VERTICAL EXAGGERATION



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**BENZENE CROSS SECTION A-A'**

FIGURE 23



NOTES:

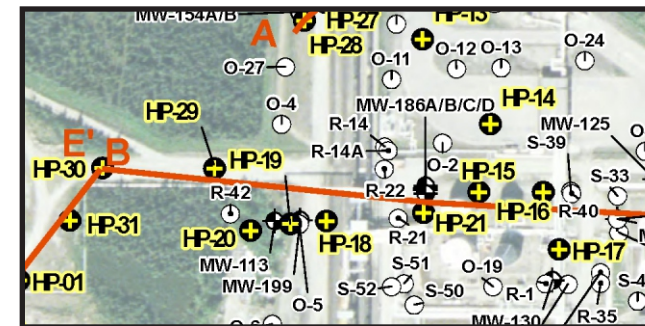
- BOLDED VALUES EXCEED ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION GROUNDWATER CLEAN UP LEVEL FOR BENZENE (5 ug/L).
- DEPTH TO WATER IS APPROXIMATE AND DOES NOT REFLECT ACTUAL GROUNDWATER CONDITIONS AT THE LOCATIONS DEPICTED IN THIS FIGURE.

LEGEND

- HP-29 WELL ID
- GROUND SURFACE
- DEPTH TO GROUNDWATER (ESTIMATED FEET BELOW GROUND SURFACE)
- MONITORING WELL SCREEN INTERVAL
- 1.56 BENZENE CONCENTRATION (ug/L)
- J ESTIMATED CONCENTRATION
- JL QUANTITATION IS BIASED LOW DUE TO LIMITATIONS IDENTIFIED DURING THE QUALITY ASSURANCE REVIEW
- bgs BELOW GROUND SURFACE
- <0.300 NOT DETECTED, VALUE LISTED IS LIMIT OF DETECTION



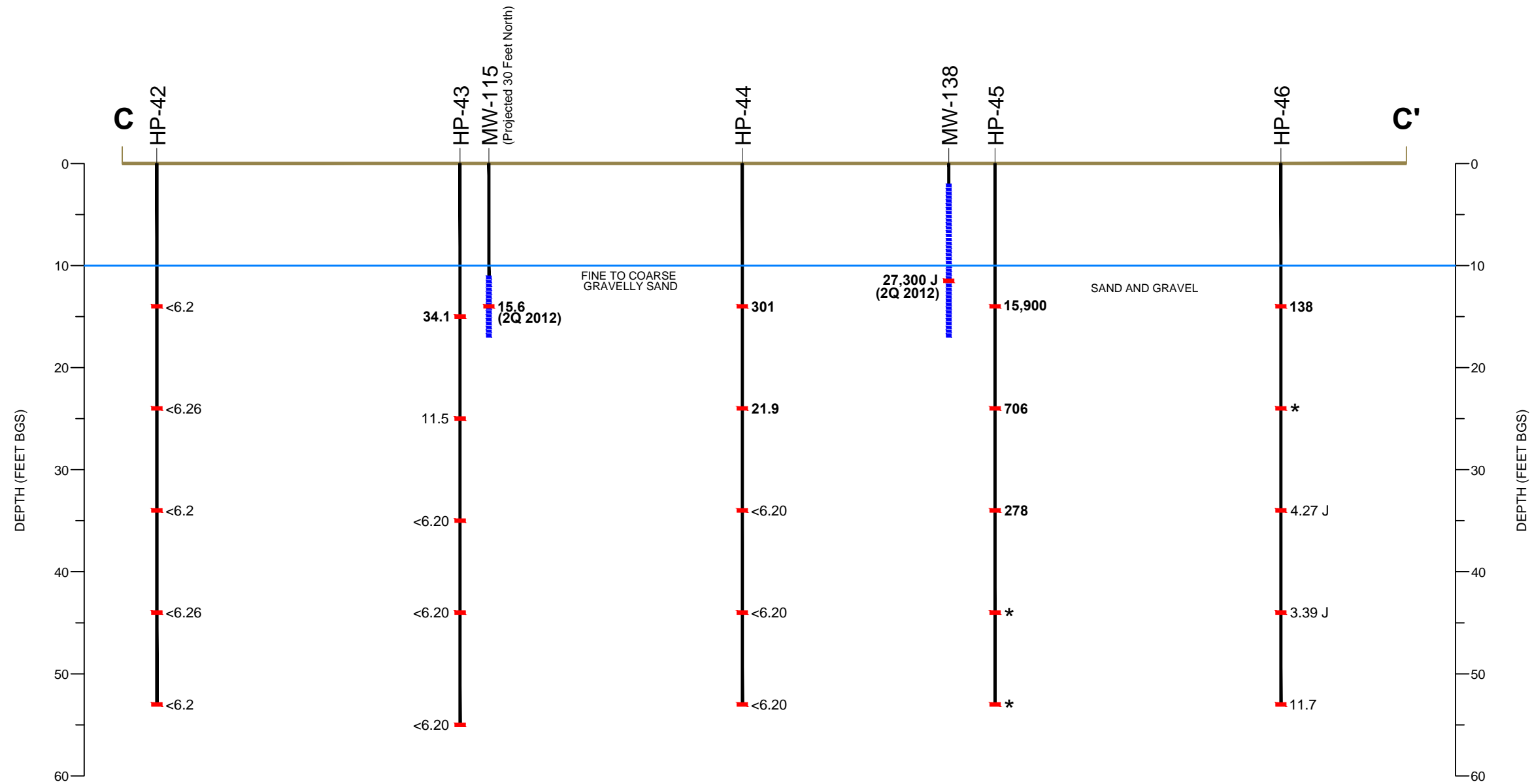
CROSS SECTION LOCATION



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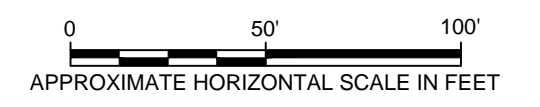
SULFOLANE CROSS SECTION B-B'



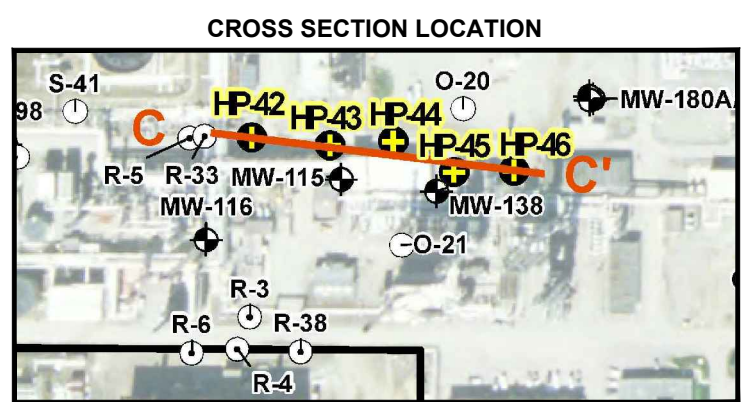


LEGEND	
	WELL ID
	GROUND SURFACE
	DEPTH TO GROUNDWATER (ESTIMATED FEET BELOW GROUND SURFACE)
	MONITORING WELL SCREEN INTERVAL
11.5	SULFOLANE CONCENTRATION (µg/L)
J	ESTIMATED CONCENTRATION
bgs	BELOW GROUND SURFACE
<6.20	NOT DETECTED, VALUE LISTED IS LIMIT OF DETECTION

- \* SULFOLANE COULD NOT BE QUANTITATED DUE TO HYDROCARBON CONTENT IN THE SAMPLE
- NOTES:
- BOLDED VALUES EXCEED ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION ALTERNATIVE CLEAN UP LEVEL FOR SULFOLANE (14 µg/L).
  - DEPTH TO WATER IS APPROXIMATE AND DOES NOT REFLECT ACTUAL GROUNDWATER CONDITIONS AT THE LOCATIONS DEPICTED IN THIS FIGURE.



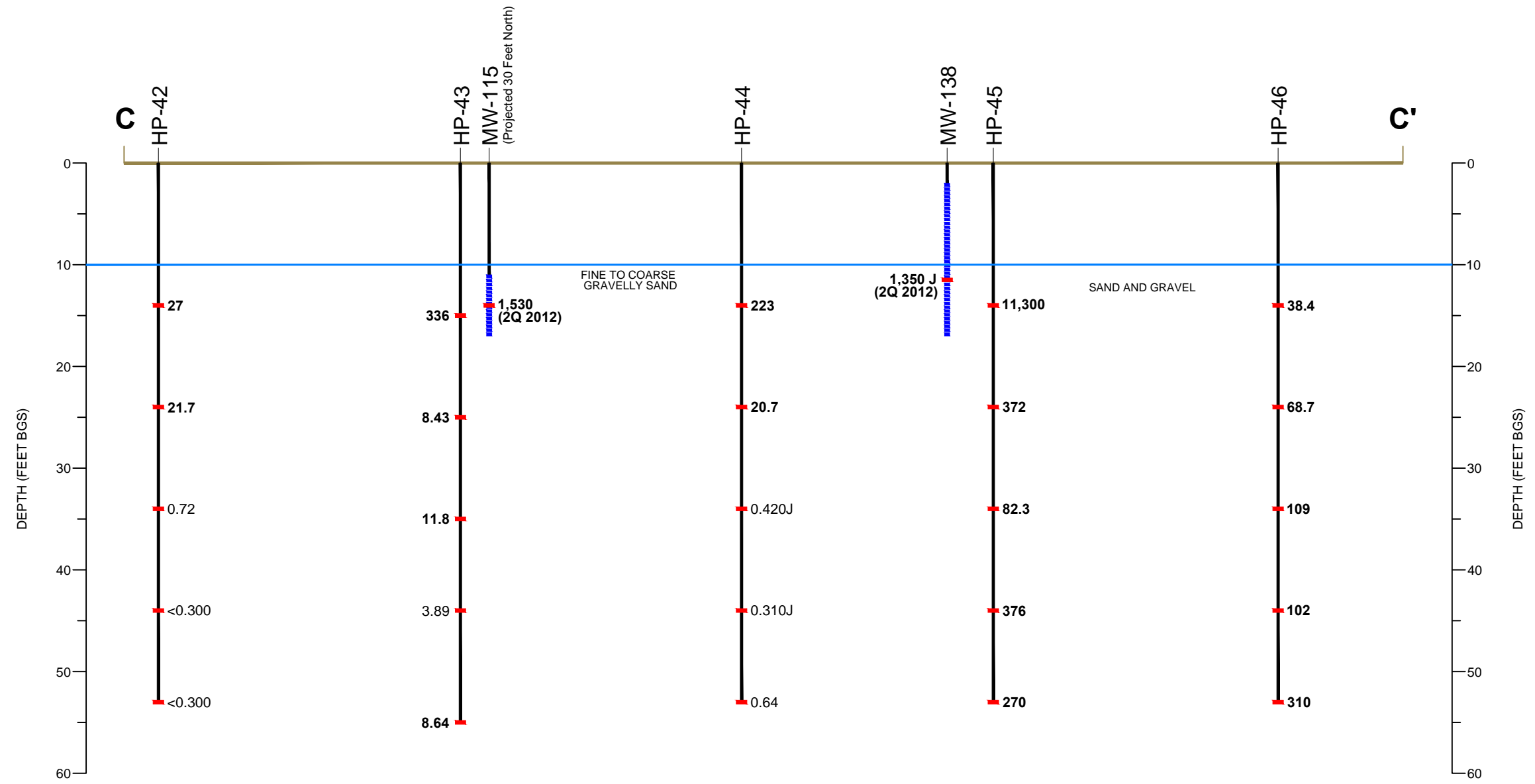
4x VERTICAL EXAGGERATION



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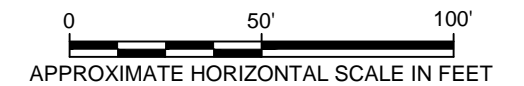
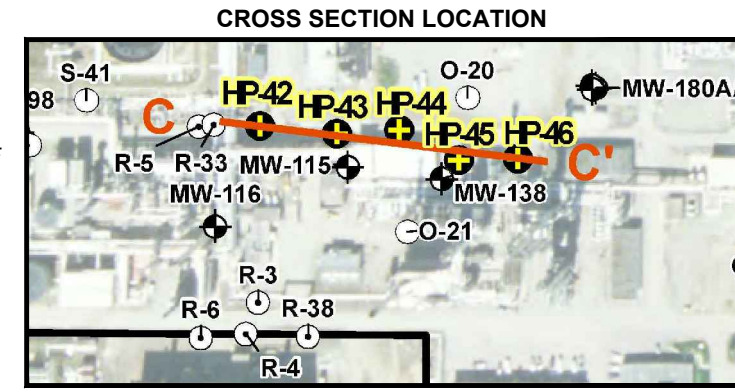
**SULFOLANE CROSS SECTION C-C'**

CITY: PETALUMA, CA DIV/GROUP: ENV DB: J. HARRIS G:\ENVCAD\Peraluma\ACTB001981\032\00001\SCR-2012 Addendum\DWG\91981\04.dwg LAYOUT: BENZENE SAVED: 10/17/2012 8:43 AM ACADVER: 18.1S (LMS TECH) PAGES: 18.1S (LMS TECH) PLOTSTYLETABLE: ARCADIS.CTB PLOTTED: 1/7/2013 1:25 PM BY: HARRIS, JESSICA XREFS: IMAGES: PROJECTNAME: Cross-SectionLocation.jpg



LEGEND	
	WELL ID
	GROUND SURFACE
	DEPTH TO GROUNDWATER (ESTIMATED FEET BELOW GROUND SURFACE)
	MONITORING WELL SCREEN INTERVAL
3.89	BENZENE CONCENTRATION (µg/L)
J	ESTIMATED CONCENTRATION
bgs	BELOW GROUND SURFACE
<0.300	NOT DETECTED, VALUE LISTED IS LIMIT OF DETECTION

- NOTES:
- BOLDED VALUES EXCEED ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION GROUNDWATER CLEAN UP LEVEL FOR BENZENE (5 µg/L).
  - DEPTH TO WATER IS APPROXIMATE AND DOES NOT REFLECT ACTUAL GROUNDWATER CONDITIONS AT THE LOCATIONS DEPICTED IN THIS FIGURE.

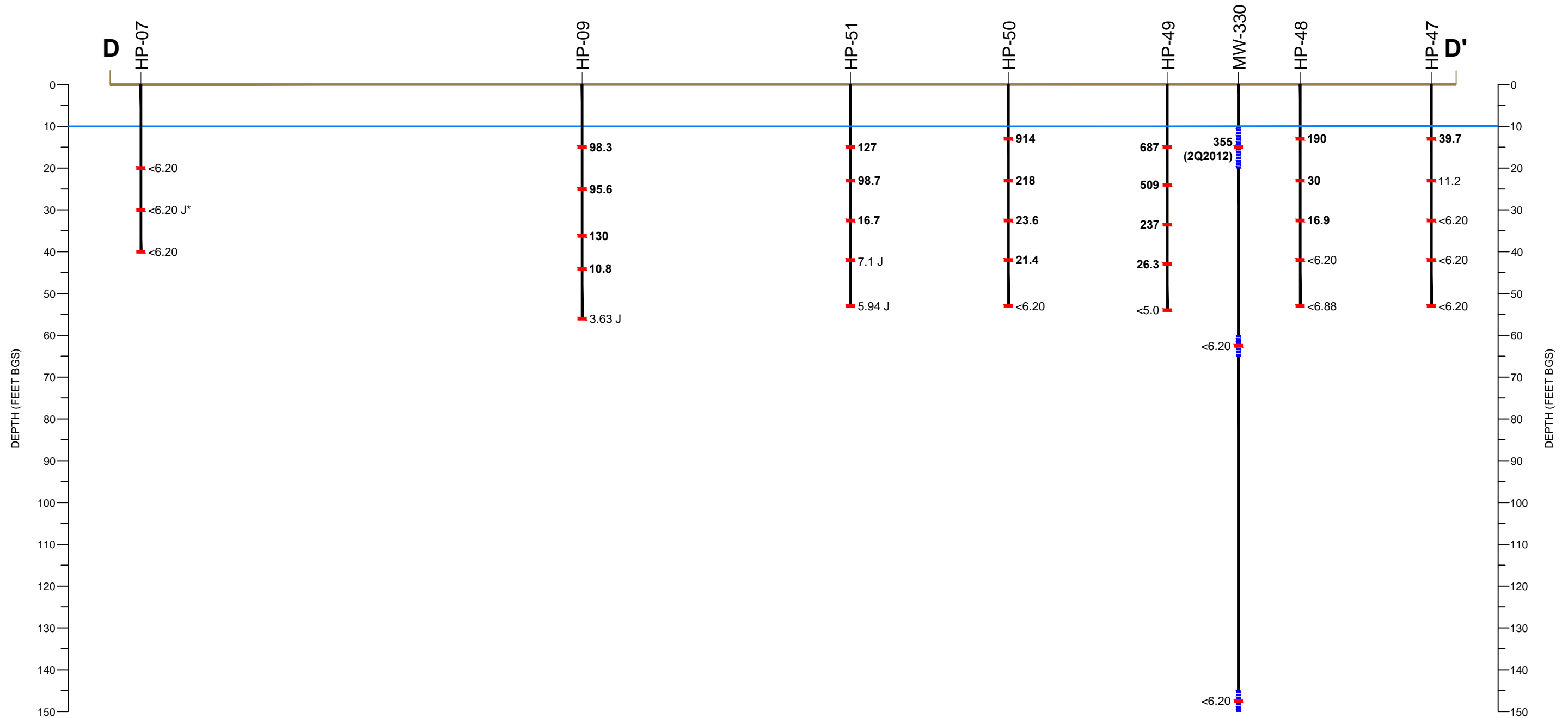


4x VERTICAL EXAGGERATION

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**BENZENE CROSS SECTION C-C'**

FIGURE  
**26**

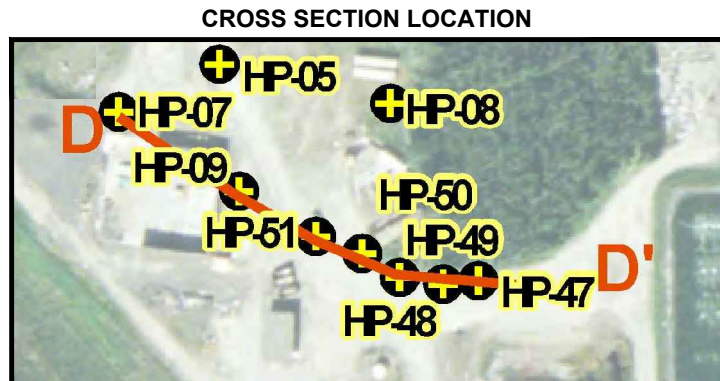


**LEGEND**

	WELL ID
	GROUND SURFACE
	DEPTH TO GROUNDWATER (ESTIMATED FEET BELOW GROUND SURFACE)
	MONITORING WELL SCREEN INTERVAL
11.2	SULFOLANE CONCENTRATION (µg/L)
J	ESTIMATED CONCENTRATION
bgs	BELOW GROUND SURFACE
<6.20	NOT DETECTED, VALUE LISTED IS LIMIT OF DETECTION

J\* LIMIT OF DETECTION IS CONSIDERED IN QUESTION DUE TO POTENTIAL LOW BIAS FROM SAMPLE HANDLING OR HOLDING TIME ISSUES (FLAG APPLIED BY SWI)

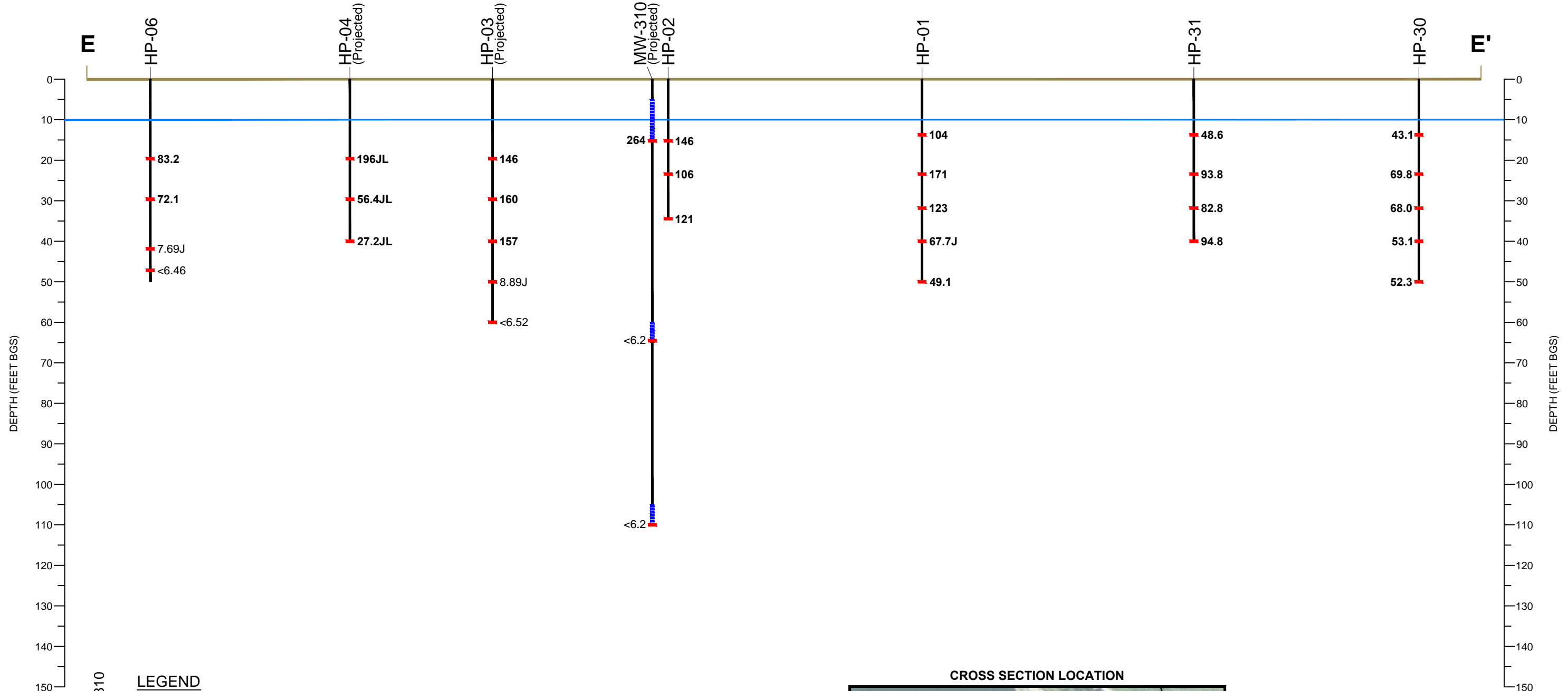
- NOTES:
- BOLDED VALUES EXCEED ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION ALTERNATIVE CLEAN UP LEVEL FOR SULFOLANE (14 µg/L).
  - DEPTH TO WATER IS APPROXIMATE AND DOES NOT REFLECT ACTUAL GROUNDWATER CONDITIONS AT THE LOCATIONS DEPICTED IN THIS FIGURE.



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**SULFOLANE CROSS SECTION D-D'**

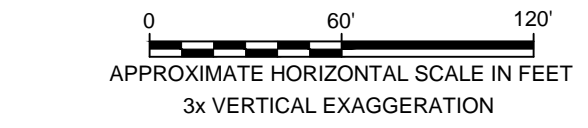
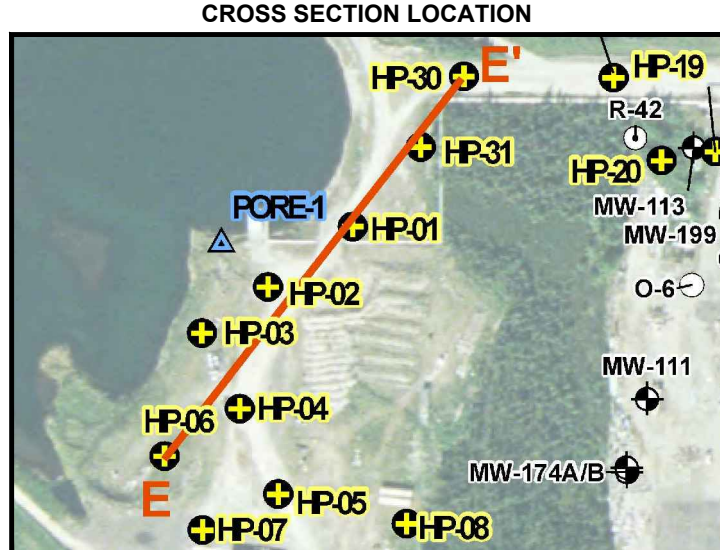
FIGURE 27



**LEGEND**

Symbol	Description
Vertical line with ID	WELL ID
Horizontal line	GROUND SURFACE
Blue horizontal line	DEPTH TO GROUNDWATER (ESTIMATED FEET BELOW GROUND SURFACE)
Blue vertical bar	MONITORING WELL SCREEN INTERVAL
157	SULFOLANE CONCENTRATION (µg/L)
J	ESTIMATED CONCENTRATION
JL	QUANTITATION IS BIASED LOW DUE TO LIMITATIONS IDENTIFIED DURING THE QUALITY ASSURANCE REVIEW
bgs	BELOW GROUND SURFACE
<6.2	NOT DETECTED, VALUE LISTED IS LIMIT OF DETECTION

- NOTES:**
- BOLDED VALUES EXCEED ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION ALTERNATIVE CLEAN UP LEVEL FOR SULFOLANE (14 µg/L).
  - DEPTH TO WATER IS APPROXIMATE AND DOES NOT REFLECT ACTUAL GROUNDWATER CONDITIONS AT THE LOCATIONS DEPICTED IN THIS FIGURE.



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**SULFOLANE CROSS SECTION E-E'**

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**ARCADIS**

FIGURE  
**28**