



D-10

CIMARRON FACILITY  
**BURIAL AREA #1**  
 GROUNDWATER ASSESSMENT REPORT  
 FIGURE: 10

**HYDRAULIC CONDUCTIVITY DISTRIBUTION**

<p><b>MONITORING WELL WITH ID and HYDRAULIC CONDUCTIVITY</b></p> <ul style="list-style-type: none"> <li>● ALLUVIAL</li> <li>■ SANDSTONE B</li> <li>■ SANDSTONE C</li> </ul> <p><math>8.9 \times 10^{-2}</math> cm/sec        FROM SLUG TESTS EXCEPT AS OTHERWISE NOTED</p> <ul style="list-style-type: none"> <li>⊗ PUMP TEST WELL</li> <li>⊕ OBSERVATION WELL</li> </ul>	<p><b>CONDUCTIVITY (cm/sec)</b></p> <ul style="list-style-type: none"> <li>● <math>10^{-2}</math></li> <li>● <math>10^{-3}</math></li> <li>● <math>10^{-4}</math></li> <li>● <math>10^{-5}</math></li> </ul>
---	--

URANIUM PLUME OUTLINE BASED ON ALPHA SPEC DATA (pCi/l)

1 INCH = 50 FEET  
 0 50 100 Feet



COORDINATE SYSTEMS  
 LOCAL: METERS NORTH AND EAST FROM SITE ORIGIN IN SUB AREA I  
 STATE PLANE: OKLAHOMA NORTH (NAD 83) FEET  
 DATE: 11/12/02  
 REVISED: 1/7/03

SUB AREA C  
 SUB AREA F

APPROXIMATE LOCATION OF BURIED ESCARPMENT

FORMER BURIAL TRENCHES