

**Table 3. Summary of Analysis Performed and Information Collected for Springs Sampled**

Analysis:	<p>USGS</p> <ul style="list-style-type: none"> <li>• Strontium isotopes</li> <li>• Uranium <math>^{234}\text{U}/^{238}\text{U}</math> isotopes</li> <li>• Oxygen/Deuterium</li> </ul> <p>Huffman</p> <ul style="list-style-type: none"> <li>• Major anions and cations</li> </ul> <p>Beta Analytical</p> <ul style="list-style-type: none"> <li>• Carbon <math>^{14}\text{C}</math></li> </ul>
Protocols:	<p>Yucca Mountain protocols using USGS</p> <p>Field data:</p> <ul style="list-style-type: none"> <li>• Global Positioning System (GPS) location</li> <li>• Data and time of sample collection</li> <li>• Temperature, pH, conductivity, TDS, dissolved oxygen, turbidity</li> <li>• Spring flow rate estimate</li> <li>• Site photos and videos</li> <li>• Site geology map &amp; site plan</li> <li>• Field Activities Log</li> <li>• Field calibration records</li> </ul>
Sample Bottles:	<ul style="list-style-type: none"> <li>• USGS &amp; Huffman Laboratory provide bottles</li> <li>• Sampling equipment (0.2u vacuum filters).</li> <li>• One archival sample from each spring</li> <li>• USGS provides sample numbers</li> </ul>