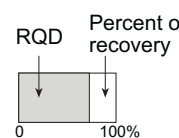













## Explanation

	<i>Symbols</i>	<i>Abbreviations</i>	
Lab test		<p style="margin: 0;">Rock Quality Designation (RQD) and percent of recovery</p> <p style="margin: 0;">● 16,930 psi Laboratory unconfined compression test result (E, psi)</p> <p style="margin: 0;">(8,238,000 psi) Young's Modulus (psi)</p> <p style="margin: 0;">  Petrographic analysis                 </p> <p style="margin: 0;">                     UTA-54-A  Resonant column and torsional shear test                 </p>	<p style="margin: 0;">Res = Residuum</p> <p style="margin: 0;">Sap = Saprolite</p> <p style="margin: 0;">Col = Colluvium</p> <p style="margin: 0;">PWR = Partially weathered rock</p> <p style="margin: 0;">MW = Moderately weathered</p> <p style="margin: 0;">SL-F = Slightly weathered to fresh rock</p> <p style="margin: 0;">BOH = Bottom of hole</p>
	In situ test	<p style="margin: 0;"> <span style="color: blue;">3,200,000 psi</span> Goodman Jack  <span style="color: blue;">4,300,000 psi</span> (True Young's Modulus, Et, psi)                 </p> <p style="margin: 0;">                     90,000 psi  Pressuremeter (Shear Modulus, G, psi)                 </p>	<p style="margin: 0; text-align: center;"><i>Lithology</i></p> <p style="margin: 0;">  Concrete                 </p> <p style="margin: 0;">  Silty sand (SM)                 </p> <p style="margin: 0;">  Sandy silt (ML)                 </p> <p style="margin: 0;">  Gravel                 </p> <p style="margin: 0;">  Diabase                 </p> <p style="margin: 0;">  Meta-granodiorite                 </p> <p style="margin: 0;">  Meta-quartz Diorite                 </p> <p style="margin: 0;">  Meta-diorite                 </p>

WLS COL 2.5-1

WILLIAM STATES LEE III  
NUCLEAR STATION UNITS 1 & 2

Boring Summary Sheet Explanation

FIGURE 2.5.4-218 Rev 0