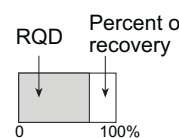















Explanation

	<i>Symbols</i>	<i>Abbreviations</i>	
Lab test	 <p>RQD Percent of recovery</p> <p>0 100%</p>	<p>Rock Quality Designation (RQD) and percent of recovery</p>	<p>Res = Residuum</p> <p>Sap = Saprolite</p> <p>Col = Colluvium</p> <p>PWR = Partially weathered rock</p> <p>MW = Moderately weathered</p> <p>SL-F = Slightly weathered to fresh rock</p> <p>BOH = Bottom of hole</p>
	● 16,930 psi	<p>Laboratory unconfined compression test result (E, psi)</p>	
	(8,238,000 psi)	<p>Young's Modulus (psi)</p>	
		<p>Petrographic analysis</p>	
	UTA-54-A 	<p>Resonant column and torsional shear test</p>	
In situ test	3,200,000 psi  4,300,000 psi 	<p>Goodman Jack (True Young's Modulus, Et, psi)</p>	<p style="text-align: center;"><i>Lithology</i></p> <p> Concrete</p> <p> Silty sand (SM)</p> <p> Sandy silt (ML)</p> <p> Gravel</p> <p> Diabase</p> <p> Meta-granodiorite</p> <p> Meta-quartz Diorite</p> <p> Meta-diorite</p>
	90,000 psi 	<p>Pressuremeter (Shear Modulus, G, psi)</p>	

WLS COL 2.5-1

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Boring Summary Sheet Explanation

FIGURE 2.5.4-218 Rev 0