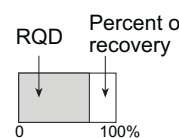















Explanation

| | <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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NUCLEAR STATION UNITS 1 & 2**

Boring Summary Sheet Explanation

FIGURE 2.5.4-218 Rev 0