

SUMMARY OF LABORATORY TEST DATA

ROCK CORE SPECIMENS FROM STRUCTURE BORINGS

Br. 174 Over Cane Creek on SR 1958

State Project No. 8.2502001, B-3885

Orange County, North Carolina

Sample #	Boring #	Depth (feet)	Rock Type	Geologic Map Unit	Run RQD (%)	Length (in)	Diameter (in)	Unit Weight (pcf)	Unconfined Compressive Strength (psi)	Young's Modulus (psi)	Splitting Tensile Strength (psi)	Remarks
RS-1	B1-A	9.6 - 10.0	Metavolcanic	CZfv	100	5.03	2.49	179.4	16,283	-	-	-
RS-2	B1-A	19.3 - 19.7	Metavolcanic	CZfv	100	5.06	2.49	182.3	16,162	-	-	-
RS-3	B1-B	21.4 - 21.7	Metavolcanic	CZfv	60	4.13	1.98	175.7	8,822	-	-	-
RS-4	B1-B	30.9 - 31.3	Metavolcanic	CZfv	36	4.07	1.98	170.5	4,409	-	-	-
RS-5	B2-A	32.7 - 33.1	Metavolcanic	CZfv	64	5.04	2.49	181.3	6,717	-	-	-
RS-6	B2-A	38.8 - 39.2	Metavolcanic	CZfv	100	5.07	2.49	181.7	10,214	-	-	-
RS-7	B2-B	28.0 - 28.3	Metavolcanic	CZfv	66	4.07	1.98	185.7	11,119	-	-	-
RS-8	B2-B	31.9 - 32.2	Metavolcanic	CZfv	96	4.05	1.98	183.3	8,825	-	-	-

TRIGON ENGINEERING CONSULTANTS, INC.

RALEIGH, NORTH CAROLINA

Trigon Job Number: 07103020

Page 1 of 1