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UNCONFINED COMPRESSIVE STRENGTH of INTACT ROCK CORE SPECIMENS

ASTM D 7012-10 Method C

This method does not report strain rate or deformation

CLIENT:	URS CORPORATION	BORING I.D.:	B2-A LL
CLIENT PROJ:	R-0623 (DUAL BRIDGES OVER LITTLE RIVER)	DEPTH(ft):	28.2-28.7
PROJECT NO.:	2013-712-01	SAMPLE ID:	RS-3
LAB ID NO.:	2013-712-01-03	Moisture Condition:	As Received-Bubble Wrapped

SPECIMEN LENGTH (in.)		SPECIMEN DIAMETER(in.):	
READING 1:	3.85	READING 1:	1.87
READING 2:	3.85	READING 2:	1.87
READING 3:	3.84	AVERAGE:	**1.87**
AVERAGE:	**3.85**	AREA(in^2):	2.75
		L/D:	2.06

TOTAL LOAD(lbs) 13,890

UNIAXIAL COMPRESSIVE STRENGTH (PSI): 5,050

FRACTURE TYPE: **SHEAR**

RATE OF LOADING(lbs/sec): 93

TIME TO BREAK(min:sec.): 2:30.16

DEVIATION FROM STRAIGHTNESS[2]:

AXIAL: *Fail* TOP: *Pass* BOTTOM: *Pass*

PHYSICAL DESCRIPTION: TAN AND GRAY ROCK CORE

Notes:
1) Moisture conditions at time of test are As Received-Bubble Wrapped
2) Deviation from straightness, Procedure A of ASTM D 4543-08
Pass/Fail criteria: gap < 0.02 = Pass, gap > 0.02 = Fail
3) Temperature is laboratory room temperature

Tested By: CLK Date: 8/19/13 *Checked By: JAC* *Date: 8/20/13*

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ASTM D 7012-10 Method C

This method does not report strain rate or deformation

CLIENT:	URS CORPORATION	BORING I.D.:	B2-B RL
CLIENT PROJ:	R-0623 (DUAL BRIDGES OVER LITTLE RIVER)	DEPTH(ft):	13.1-13.7
PROJECT NO.:	2013-712-01	SAMPLE ID:	RS-4
LAB ID NO.:	2013-712-01-04	Moisture Condition:	As Received-Bubble Wrappe

SPECIMEN LENGTH (in.)		SPECIMEN DIAMETER(in.):	
READING 1:	3.90	READING 1:	1.87
READING 2:	3.90	READING 2:	1.87
READING 3:	3.90	AVERAGE:	**1.87**
AVERAGE:	**3.90**	AREA(in^2):	2.74
		L/D:	2.08

TOTAL LOAD(lbs) 5,350

UNIAXIAL COMPRESSIVE STRENGTH (PSI): 1,950

FRACTURE TYPE: **SHEAR**

RATE OF LOADING(lbs/sec): 53

TIME TO BREAK(min:sec.): 1:40.07

DEVIATION FROM STRAIGHTNESS[2]:

AXIAL: *Pass* TOP: *Pass* BOTTOM: *Pass*

PHYSICAL DESCRIPTION: BROWNISH-GRAY ROCK CORE

Notes:
1) Moisture conditions at time of test are As Received-Bubble Wrapped
2) Deviation from straightness, Procedure A of ASTM D 4543-08
Pass/Fail criteria: gap < 0.02 = Pass, gap > 0.02 = Fail
3) Temperature is laboratory room temperature

Tested By: CLK Date: 8/19/13 *Checked By: JAC* *Date: 8/20/13*