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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.:	B1-B LL
CLIENT PROJ:	R-0623 (DUAL BRIDGES OVER LITTLE RIVER)	DEPTH(ft):	15.0-15.5
PROJECT NO.:	2013-712-01	SAMPLE ID:	RS-1
LAB ID NO.:	2013-712-01-01	Moisture Condition:	As Received-Bubble Wrapped

SPECIMEN LENGTH (in.)		SPECIMEN DIAMETER(in.):	
READING 1:	2.91	READING 1:	1.87
READING 2:	2.92	READING 2:	1.87
READING 3:	2.91	AVERAGE:	**1.87**
AVERAGE:	**2.91**	AREA(in^2):	2.75
		L/D:	1.56

TOTAL LOAD(lbs) 13,110

UNIAXIAL COMPRESSIVE STRENGTH (PSI): 4,770

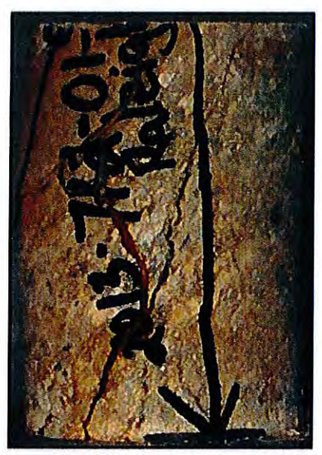
FRACTURE TYPE: **CONE & SHEAR**

RATE OF LOADING(lbs/sec): 146

TIME TO BREAK(min:sec.): 1:29.53

DEVIATION FROM STRAIGHTNESS[2]:

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



PHYSICAL DESCRIPTION: TAN & WHITE 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.:	B1-B RL
CLIENT PROJ:	R-0623 (DUAL BRIDGES OVER LITTLE RIVER)	DEPTH(ft):	12.6-13.2
PROJECT NO.:	2013-712-01	SAMPLE ID:	RS-2
LAB ID NO.:	2013-712-01-02	Moisture Condition:	As Received-Bubble Wrapped

SPECIMEN LENGTH (in.)		SPECIMEN DIAMETER(in.):	
READING 1:	3.87	READING 1:	1.87
READING 2:	3.87	READING 2:	1.87
READING 3:	3.87	AVERAGE:	**1.87**
AVERAGE:	**3.87**	AREA(in^2):	2.75
		L/D:	2.07

TOTAL LOAD(lbs) 15,170

UNIAXIAL COMPRESSIVE STRENGTH (PSI): 5,520

FRACTURE TYPE: **CONE**

RATE OF LOADING(lbs/sec): 114

TIME TO BREAK(min:sec.): 2:12.84

DEVIATION FROM STRAIGHTNESS[2]:

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

PHYSICAL DESCRIPTION: WHITISH-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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