



Compressive Strength of Rock ASTM 7012

ODOT - Office of Geotechnical Engineering

Lab No. TER02
Date: 12-30-08

BORING NUMBER	B-002	TOP DEPTH (FT)	32.0	BOTTOM DEPTH (FT)	32.3
SAMPLE NUMBER	2	DISTRICT	13	PID	99999
COUNTY	TER	ROUTE	395	SECTION	24.50
STATION	124+63.6	OFFSET	3.7'	OFFSET DIRECTION	RT

FORMATION	IP – Allegheny & Pottsville Group
DESCRIPTION	Sandstone, bluish gray, slightly weathered, very strong, very fine to fine grained, thin bedded, slightly argillaceous.

MEASUREMENT	LENGTH (INCHES)	DIAMETER (INCHES)
1	3.930	1.981
2	3.933	1.983
3	3.933	1.983
AVERAGE	3.932	1.982

LENGTH / DIAMETER	1.98
CORRECTION FACTOR	1.01
AREA (IN ²)	3.085
MASS (GRAMS)	521.36
UNIT WEIGHT (LBS/FT ³)	163.76

MAXIMUM LOAD (LBS)	
65730	
COMPRESSIVE STRENGTH (PSI)	
21300	
TIME OF TEST (MINUTES)	
1:29	
LOADING DIRECTION	
PERP. TO BEDDING	
TECHNICIAN	
JDOWELL	

