





Shot # 42 Shot Time (24hrs) 11:09 Shot VideoTaped: Y

**Weather**

**Notes:** SHOT #42  
 BLAST FOR BUILDING & RETAINING WALL  
 ELEVATION FOR BUILDING & RETAINING WALL IS 105  
 DRILLED TO ELEVATION 102 FOR BUILDING & RETAINING WALL.

Weather Conditions: Cloudy  
 Temp (°F): 55-65  
 Wind Direction: North  
 Wind Spd: 1-5 MPH

**Preblast**

Blast Direction: South Max Holes/Delay: 2.00 Predicted K Factor: 160  
 Blast Location: BUILDING Slope: -1.60 Scale Dist.: 53.13  
 Location of Structure: MANCHESTER ATHLETIC CLUB Predicted Max Weigh/Delay: 74 Lbs Predicted PPV: 0.28  
 Measurement Google Map Dist. to Closest (Ft) Structure 457 Railroad/Highway 513 Overhead Util 600 Underground Util 600

**Pay Quantities**

**Pay Calculations Notes**

Fire Detail # of Hrs: 8  
 Pay Square Area 3888 Feet  
 N/A N/A  
 N/A N/A

6 X 9 X 72 HOLES = 3888 SQ FT

**Shot Info**

**Configuration**

**1 - Open**

Total Drill Depth(Ft)	<u>1080.00</u>	Total SqFt	<u>3888.00</u>	Avg Powder	<u>1.69</u> Lbs/Cyd	Total Product Weight (Lbs) :	<u>3660</u>
Total Tons	<u>N/A</u>	Total Yards	<u>2160.00</u>	Factor	<u>0.59</u> Cyd/Lbs	Avg Weight / Hole (Lbs):	<u>50.83</u>

Cal Method	Pattern						
# Holes	<u>72</u>	# Loaded Holes	<u>72</u>	Cover Used/No	<u>Blast</u>	<u>30</u>	
	<b>AVG</b>	<b>Min</b>	<b>Max</b>				
Drill Depth	<u>15</u>	<u>12.00</u>	<u>18</u>	Stone Weight	<u>N/A</u> /Cyd	Top Stemming	<u>5.00</u> Min <u>8.00</u> Max
Burden(Feet)	<u>6</u> Feet	<u>6</u>	<u>6.00</u>	Type of Terrain	<u>Hilly</u>	Charges/Hole	<u>1</u> Min <u>1</u> Max
Spacing (Feet)	<u>9</u> Feet	<u>9</u>	<u>9</u>	Type of Rock	<u>Granite</u>	Deck Stemming	<u>0.00</u> Min <u>0.00</u> Max
Hole Diameter	<u>3.50</u>	<u>3.50</u>	<u>3.50</u>	Stemming Type	<u>3/8" Crushed Stone</u>	Charge Wgt/Deck	<u>37</u> Min <u>63</u> Max
OverBurden (Ft)	<u>1.00</u>	<u>0.00</u>	<u>4.00</u>	Height of Face	<u>0.00</u>	Depth of Water	<u>0.00</u> Min <u>3.00</u> Max
Control Row Taped	<u>Y</u>			Angled Holes /Face Bermed	<u>N/Y</u>	Laser/BoreTracking	<u>N</u>

Total Pounds 3660.24 Lbs

Type Of Initiation: **Non-Electric**

Product #	Desc	Density	Wgt
QR743G	TITAN 1000 LD (G)	1.25	3567.00 Lbs
<b>BA BULK Totals:</b>		<b>N/A</b>	<b>3567.00</b> Lbs

Product #	Desc	Qty	Length
DXABZ629	NONEL EZDET 25/350 30FT ZCOMP 40/CS	74.00	
<b>DETS DHOLE Totals:</b>		<b>74.00</b>	

Product #	Desc	Qty	Wgt
DN260420008	DYNAMAX PRO 2X8 (50X200) TS EC CAPW	74.00	93.24 Lbs
<b>HI-EX Totals:</b>		<b>74.00</b>	<b>93.24</b> Lbs

Product #	Desc	Qty	Length
DY17Z820ME	NONEL EZTL CPZ 17 MS 20/FT 60/120/CS	20.00	
DY25Z812ME	NONEL EZTL CPZ 25 MS 12FT 90/180/CS	65.00	
<b>SURF DELAY Totals:</b>		<b>85.00</b>	

**Descriptor: MAX/LBS**

Elevation	Feet
Brench (ft)	N/A
Floor (ft)	N/A
Overburden (ft)	1
Sub Drilling(ft)	3.00
<b>Total Depth (ft)</b>	<b>18.00</b>

Stemming Stones	6
TITAN 1000 LD (G)	12
DYNOMAX PRO 2X8 (50X200) TS EC CAPW 19.3KG	0
N/A	
N/A	
N/A	
N/A	
N/A	
N/A	
N/A	
N/A	
N/A	
N/A	
N/A	



**Seismographs**

**Actual Max Weight/Delay:74**

**Lbs**

Operator Name	Location of Seis	GPS Location	Seis #	Monitor Log Status	Actual PPV	Actual PPV Freq,	Actual db	Actual Dist. (ft)	Actual K Factor
DAVID S	MANCHESTER ATHLETIC CLUB	42°35'30.75"N	10793	Triggered	0.164	32.0	123.3	457	94
DAVID S	1 BEAVER DAM RD	42°35'39.26"N	10289	Triggered	0.052	28.4	113.3	695	59
MARCUS K	27 MILL ST	42.592791 N	10883	Triggered	0.150	25.6	109.9	764	197
MARCUS K	MEDICAL BUILDING	42.590592 N	10260	Threshold Not Met	N/A	N/A	N/A	927	N/A