



# Blast Report



Job#	103-03-01462	Cust. PO#	N/A	
Date	9/5/2024	Cust. Supt. Name	RON	
Customer Name	D & M Civil Inc	Pick Tks#	35357	N/A
Job Address	Cell Signaling Site D & M Civil Inc By The Sea	N/A	N/A	N/A
		N/A	N/A	N/A

State MA Permit No. \_\_\_\_\_

### Identify Hazards

Pre Shift Insp.Time (24hrs) : 7:00:00 AM

FLY ROCK

Post Shift Insp.Time (24hrs): 3:00:00 PM

PROPERTY DAMAGE

Blaster : Swaby;Hoip D


### Precautions Taken:

License #: 007151

DOUBLE MAT & USE BLAST DESIGN

Signature: \_\_\_\_\_

MOVE ALL MOVEABLES



Weather  
Comments:

SUNNY

No. of Crew Members 2

Crew Members Names :

DAVID S	PAUL C	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

### Seismograph Monitoring Plan (Not to Scale):





Shot # 29 Shot Time (24hrs) 12:51 Shot VideoTaped: Y

**Weather**

**Notes:** SHOT #29  
BLAST FOR BUILDING  
ELEVATION IS 75  
DRILLED TO ELEVATION 71

Weather Conditions: Sunny  
Temp (°F): 65-75  
Wind Direction: North  
Wind Spd: 1-5 MPH

**Preblast**

Blast Direction: North Max Holes/Delay: 1.00 Predicted K Factor: 160  
Blast Location: BUILDING Slope: -1.60 Scale Dist.: 54.00  
Location of Structure: 1 BEAVER DAM RD Predicted Max Weigh/Delay: 106.00 Lbs Predicted PPV: 0.27  
Measurement Google Map Dist. to Closest (Ft) Structure 556 Railroad/Highway 480 Overhead Util 510 Underground Util 510

**Pay Quantities**

**Pay Calculations Notes**

Fire Detail # of Hrs: 8  
Pay Square Area 1960.00 Feet  
N/A N/A  
N/A N/A

7 X 10 X 28 HOLES = 1960 SQ FT

**Shot Info**

**Configuration**

**1 - Open**

Total Drill Depth(Ft) 1512.00 Total SqFt 1960.00 Avg Powder 1.18 Lbs/Cyd Total Product Weight (Lbs) : 4617  
Total Tons N/A Total Yards 3920.00 Factor 0.85 Cyd/Lbs Avg Weight / Hole (Lbs): 164.89

Cal Method Pattern  
# Holes 28 # Loaded Holes 28 Cover Used/No Blast 32  
AVG Min Max  
Drill Depth 54.00 Stone Weight N/A /Cyd Top Stemming 8.00 Min 32.00 Max  
Burden(Feet) 7.00 Feet Type of Terrain Flat/Sloped Charges/Hole 2 Min 2 Max  
Spacing (Feet) 10.00 Feet Type of Rock Granite Deck Stemming 5.00 Min 5.00 Max  
Hole Diameter 3.50 Stemming Type 3/8" Crushed Stone Charge Wgt/Deck 40.00 Min 106.00 Max  
OverBurden (Ft) 2.00 Height of Face 0.00 Depth of Water 0.00 Min 2.00 Max  
Control Row Taped Y Angled Holes /Face Bermed N/N Laser/BoreTracking Y

Total Pounds 4616.76 Lbs

Type Of Initiation: **Non-Electric**

Product #	Desc	Density	Wgt
QR743G	TITAN 1000 LD (G)	1.25	4220.00 Lbs
<b>BA BULK Totals:</b>		<b>N/A</b>	<b>4220.00 Lbs</b>

Product #	Desc	Qty	Length
DS44060A	DIGISHOT DETONATOR 60FT/18.3M 52/CS	58.00	
<b>DETS DHOLE Totals:</b>		<b>58.00</b>	

Product #	Desc	Qty	Wgt
QD51425016	Blastex 2 1/2 X 16 40LBS/CS 12/STKS	108.00	359.64 Lbs
<b>BAPACKAGED Totals:</b>		<b>108.00</b>	<b>359.64 Lbs</b>

Product #	Desc	Qty	Length
R71000	SURFACE WIRE 1000FT SPOOL 2/CS	1.00	1.00
<b>LINES Totals:</b>		<b>1.00</b>	

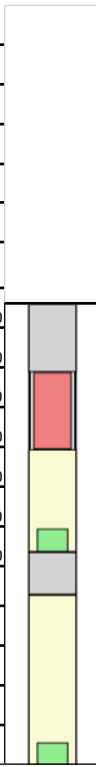
Product #	Desc	Qty	Wgt
TR0350	TROJAN SHIELD "S" 350G 49/CS	58.00	37.12 Lbs
<b>BOOSTERS Totals:</b>		<b>58.00</b>	<b>37.12 Lbs</b>

Please See Attached for Seismograph Report

**Descriptor: MAX/LBS**

Elevation	Feet
Brench (ft)	N/A
Floor (ft)	N/A
Overburden (ft)	0.00
Sub Drilling(ft)	3.00
<b>Total Depth (ft)</b>	<b>54.00</b>

Stemming Stones	8.00
Blastex 2 1/2 X 16 40LBS/CS 12/STKS	9.00
TITAN 1000 LD (G)	12.00
TROJAN SHIELD "S" 350G 49/CS	0.00
Stemming Stones	5.00
TITAN 1000 LD (G)	20.00
TROJAN SHIELD "S" 350G 49/CS	0.00
N/A	
N/A	
N/A	
N/A	
N/A	



**Seismographs**

**Actual Max Weight/Delay:106.00**

**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	1 BEAVER DAM RD	42°35'39.26"N	10289	Triggered	0.080	26.9	121.2	556	47
DAVID S	MANCHESTER ATHLETIC CLUB	42°35'30.75"N	10755	Triggered	0.206	42.7	117.4	716	183
MARCUS K	27 MILL ST	42.592791 N	10883	Triggered	0.220	15.0	106.6	785	226
MARCUS K	MEDICAL BUILDING	42.590592 N	10260	Threshold Not Met	N/A	N/A	N/A	1229	N/A