



# Blast Report



Job#	103-03-01462	Cust. PO#	N/A	
Date	9/16/2024	Cust. Supt. Name	RON	
Customer Name	D & M Civil Inc	Pick Tkts#	35363	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	BRUCE D	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 # 36 Shot Time (24hrs) 11:33 Shot VideoTaped: Y

**Weather**

**Notes:** SHOT #36  
BLAST FOR BUILDING  
ELEVATION FOR BUILDING IS 111  
DRILLED TO ELEVATION 108 FOR BUILDING

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

**Preblast**

Blast Direction: East Max Holes/Delay: 3 Predicted K Factor: 242  
Blast Location: BUILDING Slope: -1.6 Scale Dist.: 56.57  
Location of Structure: MANCHESTER ATHLETIC CLUB Predicted Max Weigh/Delay: 111 Lbs Predicted PPV: 0.38  
Measurement GPS Dist. to Closest (Ft) Structure 596 Railroad/Highway 361 Overhead Util 604 Underground Util 604

**Pay Quantities**

**Pay Calculations Notes**

Fire Detail # of Hrs: 8  
Pay Square Area 2592 Feet  
N/A N/A  
N/A N/A

6 X 8 X 54 HOLES = 2592 SQ FT

**Shot Info**

**Configuration**

**1 - Open**

Total Drill Depth(Ft)	<u>702.00</u>	Total SqFt	<u>2592.00</u>	Avg Powder	<u>1.49</u> Lbs/Cyd	Total Product Weight (Lbs) :	<u>1863</u>
Total Tons	<u>N/A</u>	Total Yards	<u>1248.00</u>	Factor	<u>0.67</u> Cyd/Lbs	Avg Weight / Hole (Lbs):	<u>34.50</u>

Cal Method	Pattern						
# Holes	<u>54</u>	# Loaded Holes	<u>54</u>	Cover Used/No	<u>Blast</u>	<u>32</u>	
	<b>AVG</b>	<b>Min</b>	<b>Max</b>				
Drill Depth	<u>13</u>	<u>13</u>	<u>13</u>	Stone Weight	<u>N/A</u> /Cyd	Top Stemming	<u>6</u> Min <u>8</u> Max
Burden(Feet)	<u>6</u> Feet	<u>6</u>	<u>6</u>	Type of Terrain	<u>Flat/Sloped</u>	Charges/Hole	<u>1</u> Min <u>1</u> Max
Spacing (Feet)	<u>8</u> Feet	<u>8</u>	<u>8</u>	Type of Rock	<u>Granite</u>	Deck Stemming	<u>0</u> Min <u>0</u> Max
Hole Diameter	<u>3.5</u>	<u>3.5</u>	<u>3.5</u>	Stemming Type	<u>3/8" Crushed Stone</u>	Charge Wgt/Deck	<u>26</u> Min <u>37</u> Max
OverBurden (Ft)	<u>2</u>	<u>1</u>	<u>5</u>	Height of Face	<u>0</u>	Depth of Water	<u>0</u> Min <u>3</u> Max
Control Row Taped	<u>Y</u>			Angled Holes /Face Bermed	<u>N/Y</u>	Laser/BoreTracking	<u>N</u>

Total Pounds 1863.00 Lbs

Type Of Initiation: **Non-Electric**

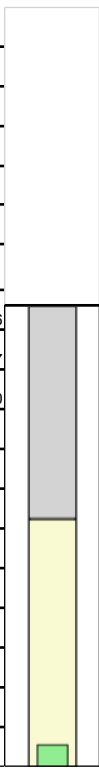
Product #	Desc	Density	Wgt
QR743G	TITAN 1000 LD (G)	1.25	1815.00 Lbs
<b>BA BULK Totals:</b>		<b>N/A</b>	<b>1815.00 Lbs</b>
Product #	Desc	Qty	Wgt
SP0350	TROJAN SPARTAN 350G BOOSTER 49/CS	64	48.00 Lbs
<b>BOOSTERS Totals:</b>		<b>64</b>	<b>48.00 Lbs</b>

Product #	Desc	Qty	Length
DXABZ623	NONEL EZDET 25/350 24FT ZCOMP 60/CS	64	
<b>DETS DHOLE Totals:</b>		<b>64</b>	
Product #	Desc	Qty	Length
DJ25025	NONEL LEADLINE 2500FT/762M 2/CS	1	500
<b>LINES Totals:</b>		<b>1</b>	
Product #	Desc	Qty	Length
DY17Z812ME	NONEL EZTL CPZ 17 MS 12FT 90/180/CS	13	
DY25Z820ME	NONEL EZTL CPZ 25MS 20/FT 60/120/CS	44	
<b>SURF DELAY Totals:</b>		<b>57</b>	

**Descriptor: MAX/LBS**

Elevation	Feet
Brench (ft)	N/A
Floor (ft)	N/A
Overburden (ft)	0
Sub Drilling(ft)	3
<b>Total Depth (ft)</b>	<b>13.00</b>

Stemming Stones	6
TITAN 1000 LD (G)	7
TROJAN SPARTAN 350G BOOSTER 49/CS	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:111**

**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	10755	Triggered	0.187	34.1	120.6	596	119
DAVID S	1 BEAVER DAM RD	42°35'39.26"N	10289	Threshold Not Met	N/A	N/A	N/A	711	N/A
MARCUS K	27 MILL ST	42.592791 N	10883	Triggered	0.120	39.3	109.2	625	82
MARCUS K	MEDICAL BUILDING	42.590592 N	10260	Threshold Not Met	N/A	N/A	N/A	1074	N/A