



# Blast Report



Job#	103-03-01462	Cust. PO#	N/A	
Date	9/10/2024	Cust. Supt. Name	RON	
Customer Name	D & M Civil Inc	Pick Tks#	34440	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  
PROPERTY DAMAGE

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

Blaster : Swaby;Hoiop D Precautions Taken:  
License #: 007151 DOUBLE MAT & USE BLAST DESIGN  
Signature: MOVE ALL MOVEABLES



Weather Comments:  
SUNNY

No. of Crew Members 3

Crew Members Names :

DAVID S	JEFF B	PAUL C	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 # 32 Shot Time (24hrs) 11:34 Shot VideoTaped: Y

**Weather**

**Notes:** SHOT #32  
 BLAST FOR BUILDING  
 ELEVATION FOR STAIRWAY IS 98  
 ELEVATION FOR BUILDING IS 119  
 DRILLED TO ELEVATION 95 FOR STAIRWAY  
 DRILLED TO ELEVATION 114 FOR BUILDING

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

**Preblast**

Blast Direction: East Max Holes/Delay: 2 Predicted K Factor: 160  
 Blast Location: BUILDING Slope: -1.6 Scale Dist.: 59.79  
 Location of Structure: 1 BEAVER DAM RD Predicted Max Weigh/Delay: 116 Lbs Predicted PPV: 0.23  
 Measurement Google Map Dist. to Closest (Ft) Structure 644 Railroad/Highway 369 Overhead Util 615 Underground Util 615

**Pay Quantities**

**Pay Calculations Notes**

Fire Detail # of Hrs: 8  
 Pay Square Area 3375 Feet  
 N/A N/A  
 N/A N/A

6 X 7.5 X 75 HOLES = 3375 SQ FT

**Shot Info**

**Configuration**

**1 - Open**

Total Drill Depth(Ft)	<u>975.00</u>	Total SqFt	<u>3375.00</u>	Avg Powder	<u>1.59</u> Lbs/Cyd	Total Product Weight (Lbs) :	<u>2586</u>
Total Tons	<u>N/A</u>	Total Yards	<u>1625.00</u>	Factor	<u>0.63</u> Cyd/Lbs	Avg Weight / Hole (Lbs):	<u>34.48</u>

Cal Method	Pattern						
# Holes	<u>75</u>	# Loaded Holes	<u>75</u>	Cover Used/No Blast	<u>37</u>		
	<b>AVG</b>	<b>Min</b>	<b>Max</b>				
Drill Depth	<u>13</u>	<u>10</u>	<u>30</u>	Stone Weight	<u>N/A</u> /Cyd	Top Stemming	<u>5</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>7.5</u> Feet	<u>7</u>	<u>9</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>116</u> Max
OverBurden (Ft)	<u>1</u>	<u>0</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** 2586.25 Lbs

**Type Of Initiation: Non-Electric**

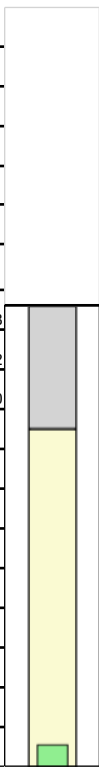
Product #	Desc	Density	Wgt
QR743G	TITAN 1000 LD (G)	1.25	2524.00 Lbs
<b>BA BULK Totals:</b>		<b>N/A</b>	<b>2524.00</b> Lbs
Product #	Desc	Qty	Wgt
SP0350	TROJAN SPARTAN 350G BOOSTER 49/CS	83	62.25 Lbs
<b>BOOSTERS Totals:</b>		<b>83</b>	<b>62.25</b> Lbs

Product #	Desc	Qty	Length
DXABZ623	NONEL EZDET 25/350 24FT ZCOMP 60/CS	61	
DXABZ641	NONEL EZDET 25/350 40FT ZCOMP 30/CS	22	
<b>DETS DHOLE Totals:</b>		<b>83</b>	
Product #	Desc	Qty	Length
DJ25025	NONEL LEADLINE 2500FT/762M 2/CS	1	1500
<b>LINES Totals:</b>		<b>1</b>	
Product #	Desc	Qty	Length
DY17Z812ME	NONEL EZTL CPZ 17 MS 12FT 90/180/CS	30	
DY25Z812ME	NONEL EZTL CPZ 25 MS 12FT 90/180/CS	55	
<b>SURF DELAY Totals:</b>		<b>85</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>30.00</b>

Stemming Stones	8
TITAN 1000 LD (G)	22
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:116**

**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	0.050	19.5	117.4	650	35
DAVID S	MANCHESTER ATHLETIC CLUB	42°35'30.75"N	10755	Triggered	0.141	32.0	117.5	773	131
MARCUS K	27 MILL ST	42.592791 N	10883	Triggered	0.190	28.4	114.4	655	136
MARCUS K	MEDICAL BUILDING	42.590592 N	10260	Threshold Not Met	N/A	N/A	N/A	1253	N/A