



# Blast Report



Job#	103-03-01462	Cust. PO#	N/A	
Date	9/9/2024	Cust. Supt. Name	RON	
Customer Name	D & M Civil Inc	Pick Tks#	35359	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;Hoip D

Precautions Taken:

License #: 007151

DOUBLE MAT & USE BLAST DESIGN

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

MOVE ALL MOVEBLES



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 # 31 Shot Time (24hrs) 10:51 Shot VideoTaped: Y

**Weather**

**Notes:** SHOT #31  
BLAST FOR BUILDING  
ELEVATION IS 119  
DRILLED TO ELEVATION 114

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: 242  
Blast Location: BUILDING Slope: -1.6 Scale Dist.: 112.63  
Location of Structure: 1 BEAVER DAM RD Predicted Max Weigh/Delay: 28 Lbs Predicted PPV: 0.13  
Measurement Google Map Dist. to Closest (Ft) Structure 596 Railroad/Highway 443 Overhead Util 570 Underground Util 570

**Pay Quantities**

**Pay Calculations Notes**

Fire Detail # of Hrs: 8  
Pay Square Area 1950 Feet  
N/A N/A  
N/A N/A

5 X 6 X 65 HOLES = 1950 SQ FT

**Shot Info**

**Configuration**

**1 - Open**

Total Drill Depth(Ft)	<u>682.50</u>	Total SqFt	<u>1950.00</u>	Avg Powder	<u>1.09</u> Lbs/Cyd	Total Product Weight (Lbs) :	<u>828</u>
Total Tons	<u>N/A</u>	Total Yards	<u>758.33</u>	Factor	<u>0.92</u> Cyd/Lbs	Avg Weight / Hole (Lbs):	<u>12.74</u>

Cal Method	Pattern						
# Holes	<u>65</u>	# Loaded Holes	<u>65</u>	Cover Used/No	<u>Blast</u>	<u>35</u>	
	<b>AVG</b>	<b>Min</b>	<b>Max</b>				
Drill Depth	<u>10.5</u>	<u>10.5</u>	<u>10.5</u>	Stone Weight	<u>N/A</u> /Cyd	Top Stemming	<u>5</u> Min <u>7</u> Max
Burden(Feet)	<u>5</u> Feet	<u>5</u>	<u>5</u>	Type of Terrain	<u>Hilly</u>	Charges/Hole	<u>1</u> Min <u>1</u> Max
Spacing (Feet)	<u>6</u> Feet	<u>6</u>	<u>6</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>11</u> Min <u>14</u> Max
OverBurden (Ft)	<u>0</u>	<u>0</u>	<u>3</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 827.97 Lbs

Type Of Initiation: **Non-Electric**

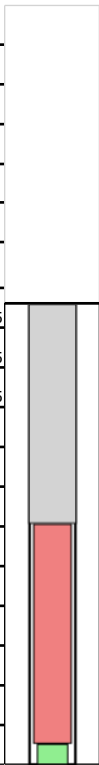
Product #	Desc	Qty	Wgt
QD51425016	Blastex 2 1/2 X 16 40LBS/CS 12/STKS	234	779.22 Lbs
<b>BAPACKAGED Totals:</b>		<b>234</b>	<b>779.22 Lbs</b>
Product #	Desc	Qty	Wgt
SP0350	TROJAN SPARTAN 350G BOOSTER 49/CS	65	48.75 Lbs
<b>BOOSTERS Totals:</b>		<b>65</b>	<b>48.75 Lbs</b>

Product #	Desc	Qty	Length
DXABZ623	NONEL EZDET 25/350 24FT ZCOMP 60/CS	65	
<b>DETS DHOLE Totals:</b>		<b>65</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	28	
DY25Z812ME	NONEL EZTL CPZ 25 MS 12FT 90/180/CS	53	
<b>SURF DELAY Totals:</b>		<b>81</b>	

**Descripton: 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>10.50</b>

Stemming Stones	5
Blastex 2 1/2 X 16 40LBS/CS 12/STKS	5
TROJAN SPARTAN 350G BOOSTER 49/CS	0.5
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:28**

**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	0.038	28.1	116.3	596	73
DAVID S	MANCHESTER ATHLETIC CLUB	42°35'30.75"N	10755	Triggered	0.089	32.0	112.8	784	265
MARCUS K	27 MILL ST	42.592791 N	10883	Triggered	0.135	28.4	112.8	718	349
MARCUS K	MEDICAL BUILDING	42.590592 N	10260	Threshold Not Met	N/A	N/A	N/A	1236	N/A