



# Blast Report



Job#	1202237100	Cust. PO#	N/A	
Date	12/17/2024	Cust. Supt. Name	RON	
Customer Name	D & M Civil Inc	Pick Tkts#	34566	N/A
Job Address	Cell Signaling Site D & M Civil IncBy The Sea	N/A	N/A	N/A
		N/A	N/A	N/A

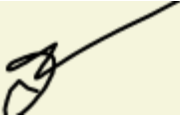
State MA Permit No. \_\_\_\_\_ Identify Hazards FLY ROCK

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

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

Blaster : Swaby;Hoip D Precautions Taken: DOUBLE MAT & USE BLAST DESIGN

License #: 007151

Signature: 

Weather Comments: PARTLY CLOUDY

No. of Crew Members 2

Crew Members Names :

BOBBY B	SPENCER G	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 # 13 Shot Time (24hrs) 11:30 Shot VideoTaped: Y

**Weather**

**Notes:** SHOT #13  
SHOT FOR WATERLINE & DRAIN

Weather Conditions: Partly Cloudy  
Temp (°F): 50-60  
Wind Direction: North  
Wind Spd: 5-10 MPH

**Preblast**

Blast Direction: West Max Holes/Delay: 2 Predicted K Factor: 160  
Blast Location: WATERLINE/DRAIN Slope: -1.6 Scale Dist.: 53.07  
Location of Structure: 1 BEAVER DAM ROAD Predicted Max Weigh/Delay: 96 Lbs Predicted PPV: 0.28  
Measurement GPS Dist. to Closest (Ft) Structure 520 Railroad/Highway 194 Overhead Util 730 Underground Util 730

**Pay Quantities**

**Pay Calculations Notes**

Fire Detail # of Hrs: 8  
Pay Square Area 3717 Feet  
N/A N/A  
N/A N/A

7 X 9 X 59 HOLES = 3717 SQ FT

**Shot Info**

**Configuration**

**1 - Open**

Total Drill Depth(Ft)	<u>1062.00</u>	Total SqFt	<u>3717.00</u>	Avg Powder	<u>1.49</u> Lbs/Cyd	Total Product Weight (Lbs) :	<u>3698</u>
Total Tons	<u>N/A</u>	Total Yards	<u>2478.00</u>	Factor	<u>0.67</u> Cyd/Lbs	Avg Weight / Hole (Lbs):	<u>62.68</u>

Cal Method	Pattern						
# Holes	<u>59</u>	# Loaded Holes	<u>59</u>	Cover Used/No Blast	<u>30</u>		
	<b>AVG</b>	<b>Min</b>	<b>Max</b>				
Drill Depth	<u>18</u>	<u>15</u>	<u>22</u>	Stone Weight	<u>N/A</u> /Cyd	Top Stemming	<u>6</u> Min <u>7</u> Max
Burden(Feet)	<u>7</u> Feet	<u>7</u>	<u>7</u>	Type of Terrain	<u>Flat/Sloped</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</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>48</u> Min <u>84</u> Max
OverBurden (Ft)	<u>2</u>	<u>0</u>	<u>4</u>	Height of Face	<u>0</u>	Depth of Water	<u>0</u> Min <u>0</u> Max
Control Row Taped	<u>Y</u>	Angled Holes /Face Bermed	<u>N/Y</u>	Laser/BoreTracking	<u>N</u>		

Total Pounds 3698.00 Lbs

Type Of Initiation: **Non-Electric**

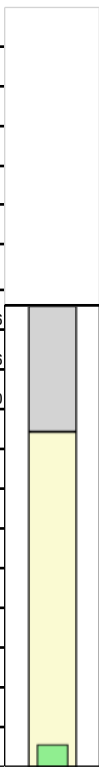
Product #	Desc	Density	Wgt
QR743G	TITAN 1000 LD (G)	1.25	3650.00 Lbs
<b>BA BULK Totals:</b>		<b>N/A</b>	<b>3650.00 Lbs</b>
Product #	Desc	Qty	Wgt
SP0350	TROJAN SPARTAN 350G BOOSTER 49/CS	64	48.00 Lbs
<b>BOOSTERS Totals:</b>		<b>64</b>	<b>48.00 Lbs</b>

Product #	Desc	Qty	Length
DXABZ629	NONEL EZDET 25/350 30FT ZCOMP 40/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
DY17Z820ME	NONEL EZTL CPZ 17 MS 20/FT 60/120/CS	13	
DY25Z812ME	NONEL EZTL CPZ 25 MS 12FT 90/180/CS	52	
<b>SURF DELAY Totals:</b>		<b>65</b>	

**Descriptor: MAX/LBS**

Elevation	Feet
Brench (ft)	N/A
Floor (ft)	N/A
Overburden (ft)	1
Sub Drilling(ft)	2
<b>Total Depth (ft)</b>	<b>22.00</b>

Stemming Stones	6
TITAN 1000 LD (G)	16
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:96**

**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
H SWABY	1 BEAVER DAM ROAD	42°35'38.59"N	10292	Triggered	0.090	28.4	119.3	520	52
H SWABY	MANCHESTER ATHLETIC CLUB	42°35'39.26"N	10289	Triggered	0.079	73.1	109.7	1259	187
H SWABY	27 MILL ST	42.590592 N	10883	Triggered	0.120	36.5	116.8	880	160
H SWABY	MEDICAL BUILDING	42.592791 N	10260	Threshold Not Met	N/A	N/A	N/A	1700	N/A