



# Blast Report



Job# 1202237100 Cust. PO# N/A  
 Date 12/20/2024 Cust. Supt. Name RON

Customer Name D & M Civil Inc Pick Tkts# 34569 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

Blaster : Swaby; Hoip D Precautions Taken:  
 License #: 007151 DOUBLE MAT & USE BLAST DESIGN

Signature:



Weather Comments:

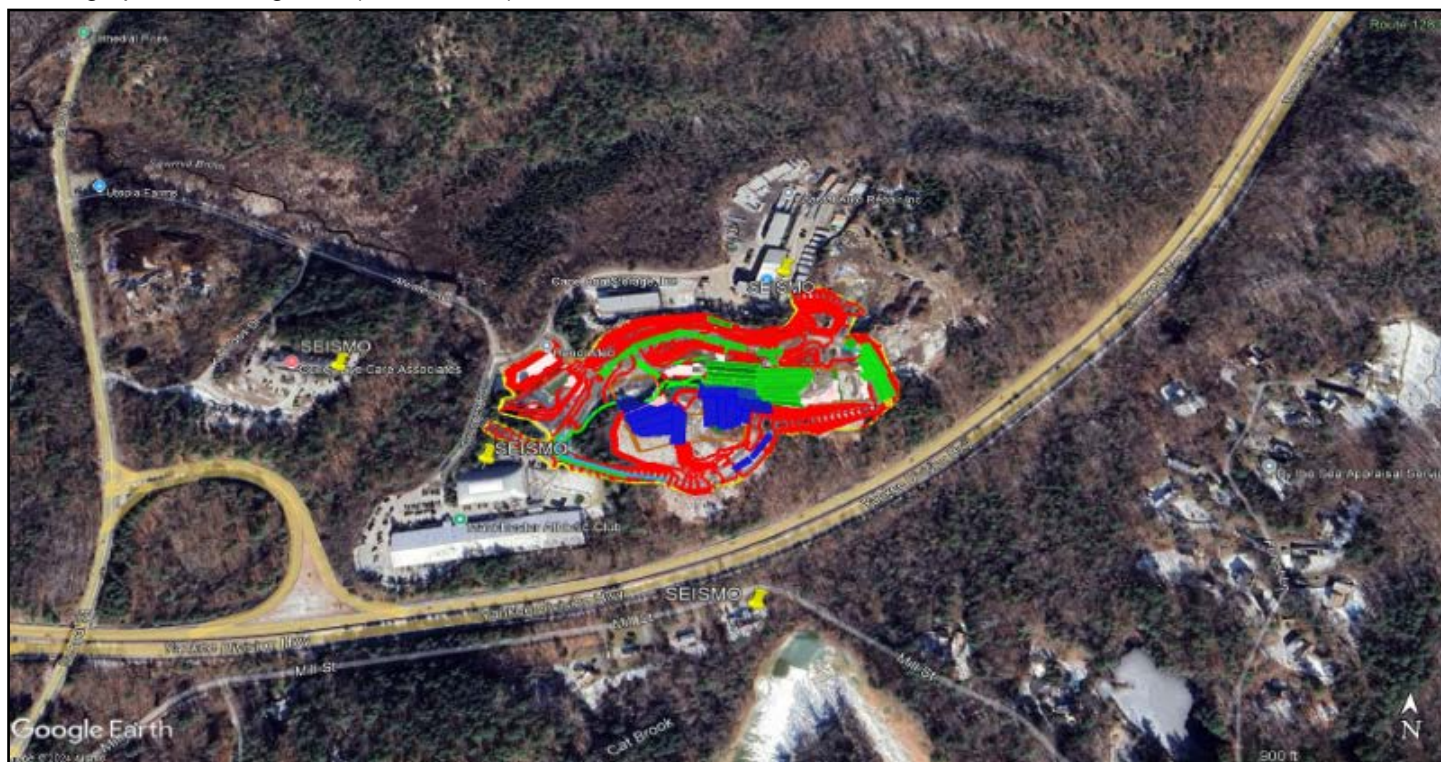
CLOUDY

No. of Crew Members 1

Crew Members Names :

BOBBY B	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>
N/A	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>
N/A	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>

Seismograph Monitoring Plan (Not to Scale):



Shot # 16 Shot Time (24hrs) 9:32 Shot VideoTaped: Y

**Weather**

**Notes:** SHOT #16  
SHOT FOR SLOPE

Weather Conditions: Cloudy  
Temp (°F): 45-55  
Wind Direction: North  
Wind Spd: 5-10 MPH

**Preblast**

Blast Direction: South Max Holes/Delay: 1 Predicted K Factor: 160  
Blast Location: SLOPE AT ROAD Slope: -1.6 Scale Dist.: 64.50  
Location of Structure: 1 BEAVER DAM RD Predicted Max Weigh/Delay: 16 Lbs Predicted PPV: 0.20  
Measurement GPS Dist. to Closest (Ft) Structure 258 Railroad/Highway 771 Overhead Util 220 Underground Util 220

**Pay Quantities**

**Pay Calculations Notes**

Fire Detail # of Hrs: 8  
Pay Square Area 540 Feet  
N/A N/A  
N/A N/A

5 X 6 X 18 HOLES = 540 SQ FT

**Shot Info**

**Configuration**

**1 - Open**

Total Drill Depth(Ft)	<u>198.00</u>	Total SqFt	<u>540.00</u>	Avg Powder	<u>1.17</u> Lbs/Cyd	Total Product Weight (Lbs) :	<u>258</u>
Total Tons	<u>N/A</u>	Total Yards	<u>220.00</u>	Factor	<u>0.85</u> Cyd/Lbs	Avg Weight / Hole (Lbs):	<u>14.33</u>

Cal Method	Pattern							
# Holes	<u>18</u>	# Loaded Holes	<u>18</u>	Cover Used/No Blast	<u>18</u>			
	<b>AVG</b>	<b>Min</b>	<b>Max</b>					
Drill Depth	<u>11</u>	<u>11</u>	<u>11</u>	Stone Weight	<u>N/A</u> /Cyd	Top Stemming	<u>5</u> Min	<u>6</u> Max
Burden(Feet)	<u>5</u> Feet	<u>5</u>	<u>5</u>	Type of Terrain	<u>Flat/Sloped</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>12</u> Min	<u>16</u> Max
OverBurden (Ft)	<u>0</u>	<u>0</u>	<u>0</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 258.27 Lbs

Type Of Initiation: **Non-Electric**

Product #	Desc	Qty	Wgt
QD51425016	Blastex 2 1/2 X 16 40lbs/Cs 12/Stks	69	229.77 Lbs
<b>BAPACKAGED Totals:</b>		<b>69</b>	<b>229.77 Lbs</b>

Product #	Desc	Qty	Length
DXABZ623	NONEL EZDET 25/350 24FT ZCOMP 60/CS	38	
<b>DETS DHOLE Totals:</b>		<b>38</b>	

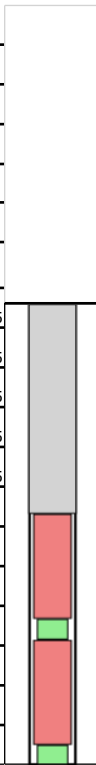
Product #	Desc	Qty	Wgt
SP0350	TROJAN SPARTAN 350G BOOSTER 49/CS	38	28.50 Lbs
<b>BOOSTERS Totals:</b>		<b>38</b>	<b>28.50 Lbs</b>

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	15	
<b>SURF DELAY Totals:</b>		<b>28</b>	

**Descripton: MAX/LBS**

Elevation	Feet
Brench (ft)	N/A
Floor (ft)	N/A
Overburden (ft)	0
Sub Drilling(ft)	2
<b>Total Depth (ft)</b>	<b>11.00</b>

Stemming Stones	5
Blastex 2 1/2 X 16 40lbs/Cs 12/Stks	2.5
TROJAN SPARTAN 350G BOOSTER 49/CS	0.5
Blastex 2 1/2 X 16 40lbs/Cs 12/Stks	2.5
TROJAN SPARTAN 350G BOOSTER 49/CS	0.5
N/A	
N/A	
N/A	
N/A	
N/A	
N/A	
N/A	
N/A	



**Seismographs**

**Actual Max Weight/Delay:16**

**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 RD	42°35'38.59"N	10292	Triggered	0.072	25.9	113.7	258	57
H SWABY	MANCHESTER ATHLETIC CLUB	42°35'39.26"N	10289	Threshold Not Met	N/A	N/A	N/A	930	N/A
H SWABY	27 MILL ST	42.590592 N	10883	Threshold Not Met	N/A	N/A	N/A	1050	N/A
H SWABY	MEDICAL BUILDING	42.592791 N	10260	Threshold Not Met	N/A	N/A	N/A	1221	N/A