



Blast Report



Job#	103-03-01462	Cust. PO#	N/A	
Date	9/20/2024	Cust. Supt. Name	RON	
Customer Name	D & M Civil Inc	Pick Tkts#	35366	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 MOVEABLES



Weather
Comments:

CLOUDY

No. of Crew Members 3

Crew Members Names :

DAVID S	PAUL C	BRUCE D	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 # 39 Shot Time (24hrs) 10:36 Shot VideoTaped: Y

Weather

Notes: SHOT #39
 BLAST FOR BUILDING & RETAINING WALL
 ELEVATION FOR BUILDING & RETAINING WALL IS 105
 DRILLED TO ELEVATION 102 FOR BUILDING & RETAINING WALL.

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

Preblast

Blast Direction: South Max Holes/Delay: 2 Predicted K Factor: 242
 Blast Location: BUILDING Slope: -1.6 Scale Dist.: 53.44
 Location of Structure: MANCHESTER ATHLETIC CLUB Predicted Max Weigh/Delay: 80 Lbs Predicted PPV: 0.42
 Measurement Google Map Dist. to Closest (Ft) Structure 478 Railroad/Highway 430 Overhead Util 666 Underground Util 666

Pay Quantities

Fire Detail # of Hrs: 8
 Pay Square Area 2436 Feet
 N/A N/A
 N/A N/A

Pay Calculations Notes

6 X 7 X 58 HOLES = 2436 SQ FT

Shot Info

Configuration

1 - Open

Total Drill Depth(Ft)	<u>870.00</u>	Total SqFt	<u>2436.00</u>	Avg Powder	<u>1.58</u> Lbs/Cyd	Total Product Weight (Lbs) :	<u>2141</u>
Total Tons	<u>N/A</u>	Total Yards	<u>1353.33</u>	Factor	<u>0.63</u> Cyd/Lbs	Avg Weight / Hole (Lbs):	<u>36.91</u>
Cal Method	<u>Pattern</u>						
# Holes	<u>58</u>	# Loaded Holes	<u>58</u>	Cover Used/No Blast	<u>30</u>		
	AVG	Min	Max				
Drill Depth	<u>15</u>	<u>12</u>	<u>16</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</u> Feet	<u>7</u>	<u>7</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>28</u> Min <u>53</u> Max
OverBurden (Ft)	<u>2</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 2141.00 Lbs

Type Of Initiation: Non-Electric

Product #	Desc	Density	Wgt
QR743G	TITAN 1000 LD (G)	1.25	2096.00 Lbs
BA BULK Totals:		N/A	2096.00 Lbs

Product #	Desc	Qty	Length
DXABZ629	NONEL EZDET 25/350 30FT ZCOMP 40/CS	60	
DETS DHOLE Totals:		60	

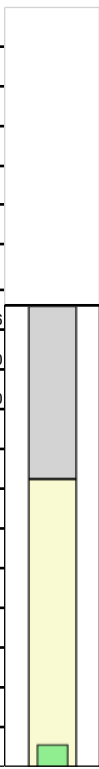
Product #	Desc	Qty	Wgt
SP0350	TROJAN SPARTAN 350G BOOSTER 49/CS	60	45.00 Lbs
BOOSTERS Totals:		60	45.00 Lbs

Product #	Desc	Qty	Length
DY17Z820ME	NONEL EZTL CPZ 17 MS 20/FT 60/120/CS	12	
DY25Z812ME	NONEL EZTL CPZ 25 MS 12FT 90/180/CS	50	
SURF DELAY Totals:		62	

Descriptor: MAX/LBS

Elevation	Feet
Brench (ft)	N/A
Floor (ft)	N/A
Overburden (ft)	0
Sub Drilling(ft)	3
Total Depth (ft)	16.00

Stemming Stones	6
TITAN 1000 LD (G)	10
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	



Seismographs

Actual Max Weight/Delay:80

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	10793	Triggered	0.347	34.1	121.3	478	202
DAVID S	1 BEAVER DAM RD	42°35'39.26"N	10289	Triggered	0.037	27.7	110.2	776	47
MARCUS K	27 MILL ST	42.592791 N	10883	Triggered	0.140	34.1	114.6	673	141
MARCUS K	MEDICAL BUILDING	42.590592 N	10260	Threshold Not Met	N/A	N/A	N/A	972	N/A