



Blast Report



Job#	<u>103-03-01462</u>	Cust. PO#	<u>N/A</u>	
Date	<u>9/13/2024</u>	Cust. Supt. Name	<u>RON</u>	
Customer Name	<u>D & M Civil Inc</u>	Pick Tkts#	<u>35362</u>	<u>N/A</u>
Job Address	<u>Cell Signaling Site D & M Civil Inc By The Sea</u>		<u>N/A</u>	<u>N/A</u>
			<u>N/A</u>	<u>N/A</u>

State MA Permit No. _____

Identify Hazards

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

FLYROCK

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:

SUNNY

No. of Crew Members 3

Crew Members Names :

<u>DAVID S</u>	<u>DOMENIC C</u>	<u>PAUL C</u>	<u>N/A</u>
<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>
<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>

Seismograph Monitoring Plan (Not to Scale):



Shot # 35 Shot Time (24hrs) 10:35 Shot VideoTaped: Y

Weather

Notes: SHOT #35
BLAST FOR BUILDING
ELEVATION FOR BUILDING IS 119
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.: 71.35
Location of Structure: 1 BEAVER DAM RD Predicted Max Weigh/Delay: 67 Lbs Predicted PPV: 0.17
Measurement Google Map Dist. to Closest (Ft) Structure 584 Railroad/Highway 387 Overhead Util 604 Underground Util 604

Pay Quantities

Pay Calculations Notes

Fire Detail # of Hrs: 8
Pay Square Area 3528 Feet
N/A N/A
N/A N/A

6 X 7 X 84 HOLES = 3528 SQ FT

Shot Info

Configuration

1 - Open

Total Drill Depth(Ft)	<u>924.00</u>	Total SqFt	<u>3528.00</u>	Avg Powder	<u>1.69</u> Lbs/Cyd	Total Product Weight (Lbs) :	<u>2432</u>
Total Tons	<u>N/A</u>	Total Yards	<u>1437.33</u>	Factor	<u>0.59</u> Cyd/Lbs	Avg Weight / Hole (Lbs):	<u>28.95</u>

Cal Method	Pattern						
# Holes	<u>84</u>	# Loaded Holes	<u>84</u>	Cover Used/No	<u>Blast</u>	<u>37</u>	
	AVG	Min	Max				
Drill Depth	<u>11</u>	<u>10</u>	<u>13</u>	Stone Weight	<u>N/A</u> /Cyd	Top Stemming	<u>5</u> Min <u>7</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>25</u> Min <u>42</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>3</u> Max
Control Row Taped	<u>Y</u>			Angled Holes /Face Bermed	<u>N/Y</u>	Laser/BoreTracking	<u>N</u>

Total Pounds 2431.50 Lbs

Type Of Initiation: **Non-Electric**

Product #	Desc	Density	Wgt
QR743G	TITAN 1000 LD (G)	1.25	2367.00 Lbs
BA BULK Totals:		N/A	2367.00 Lbs
Product #	Desc	Qty	Wgt
SP0350	TROJAN SPARTAN 350G BOOSTER 49/CS	86	64.50 Lbs
BOOSTERS Totals:		86	64.50 Lbs

Product #	Desc	Qty	Length
DXABZ623	NONEL EZDET 25/350 24FT ZCOMP 60/CS	86	
DETS DHOLE Totals:		86	
Product #	Desc	Qty	Length
DY17Z812ME	NONEL EZTL CPZ 17 MS 12FT 90/180/CS	12	
DY25Z820ME	NONEL EZTL CPZ 25MS 20/FT 60/120/CS	82	
SURF DELAY Totals:		94	

Descripton: MAX/LBS

Elevation	Feet
Brench (ft)	N/A
Floor (ft)	N/A
Overburden (ft)	0
Sub Drilling(ft)	3
Total Depth (ft)	13.00

Stemming Stones	5
TITAN 1000 LD (G)	8
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:67

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	0.077	39.4	116.7	584	71
DAVID S	MANCHESTER ATHLETIC CLUB	42°35'30.75"N	10755	Threshold Not Met	N/A	N/A	N/A	753	N/A
MARCUS K	27 MILL ST	42.592791 N	10883	Triggered	0.095	30.1	110.9	648	104
MARCUS K	MEDICAL BUILDING	42.590592 N	10260	Threshold Not Met	N/A	N/A	N/A	1200	N/A