



Blast Report



Job#	103-03-01462	Cust. PO#	N/A	
Date	9/19/2024	Cust. Supt. Name	RON	
Customer Name	D & M Civil Inc	Pick Tkts#	34447	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 PROPERTY DAMAGE

Blaster : Swaby;Hoip D Precautions Taken:

License #: 007151 DOUBLE MAT & USE BLAST DESIGN

Signature: _____ MOVE ALL MOVEABLES



Weather Comments:

CLOUDY

No. of Crew Members 4

Crew Members Names :

DAVID S	MIKE C	PAUL C	BRUCE D
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N/A	N/A	N/A	N/A
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N/A	N/A	N/A	N/A
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Seismograph Monitoring Plan (Not to Scale):



Shot # 38 Shot Time (24hrs) 10:51 Shot VideoTaped: Y

Weather

Notes: SHOT #38
 BLAST FOR BUILDING
 ELEVATION FOR BUILDING IS 119
 DRILLED TO ELEVATION 114 FOR BUILDING
 SHOT 30' AWAY FROM LINE DRILLING.

Weather Conditions: Cloudy
 Temp (°F): 65-70
 Wind Direction: North
 Wind Spd: 1-5 MPH

Preblast

Blast Direction: East Max Holes/Delay: 4 Predicted K Factor: 160
 Blast Location: BUILDING Slope: -1.6 Scale Dist.: 60.01
 Location of Structure: 1 BEAVER DAM RD Predicted Max Weigh/Delay: 104 Lbs Predicted PPV: 0.23
 Measurement Google Map Dist. to Closest (Ft) Structure 612 Railroad/Highway 385 Overhead Util 545 Underground Util 545

Pay Quantities

Pay Calculations Notes

Fire Detail # of Hrs: 8
 Pay Square Area 2880 Feet
 N/A N/A
 N/A N/A

6 X 8 X 60 HOLES = 2880 SQ FT

Shot Info

Configuration

1 - Open

Total Drill Depth(Ft) 720.00 Total SqFt 2880.00 Avg Powder 1.54 Lbs/Cyd Total Product Weight (Lbs) : 1966
 Total Tons N/A Total Yards 1280.00 Factor 0.65 Cyd/Lbs Avg Weight / Hole (Lbs): 32.77

Cal Method	Pattern								
# Holes	<u>60</u>	# Loaded Holes	<u>60</u>	Cover Used/No Blast	<u>30</u>				
	AVG	Min	Max						
Drill Depth	<u>12</u>	<u>12</u>	<u>12</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</u>	Charges/Hole	<u>1</u> Min	<u>1</u> Max	
Spacing (Feet)	<u>8</u> Feet	<u>8</u>	<u>8</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>26</u> Min	<u>37</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 1965.50 Lbs

Type Of Initiation: **Non-Electric**

Product #	Desc	Density	Wgt
QR743G	TITAN 1000 LD (G)	1.25	1919.00 Lbs
BA BULK Totals:		N/A	1919.00 Lbs

Product #	Desc	Qty	Wgt
SP0350	TROJAN SPARTAN 350G BOOSTER 49/CS	62	46.50 Lbs
BOOSTERS Totals:		62	46.50 Lbs

Product #	Desc	Qty	Length
DXABZ623	NONEL EZDET 25/350 24FT ZCOMP 60/CS	60	
DXABZ629	NONEL EZDET 25/350 30FT ZCOMP 40/CS	2	
DETS DHOLE Totals:		62	

Product #	Desc	Qty	Length
DJ25025	NONEL LEADLINE 2500FT/762M 2/CS	1	2500
LINES Totals:		1	

Product #	Desc	Qty	Length
DY17Z820ME	NONEL EZTL CPZ 17 MS 20/FT 60/120/CS	17	
DY25Z812ME	NONEL EZTL CPZ 25 MS 12FT 90/180/CS	55	
SURF DELAY Totals:		72	

Descriptor: MAX/LBS

Elevation	Feet
Brench (ft)	N/A
Floor (ft)	N/A
Overburden (ft)	0
Sub Drilling(ft)	3
Total Depth (ft)	12.00

Stemming Stones	5
TITAN 1000 LD (G)	7
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:104

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	Threshold Not Met	N/A	N/A	N/A	612	N/A
DAVID S	MANCHESTER ATHLETIC CLUB	42°35'30.75"N	10793	Triggered	0.090	30.1	119.7	699	78
MARCUS K	27 MILL ST	42.592791 N	10883	Triggered	0.085	32.0	112.0	646	65
MARCUS K	MEDICAL BUILDING	42.590592 N	10260	Threshold Not Met	N/A	N/A	N/A	1146	N/A