



Blast Report



Job#	103-03-01462	Cust. PO#	N/A	
Date	9/18/2024	Cust. Supt. Name	RON	
Customer Name	D & M Civil Inc	Pick Tkts#	35365	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:

SUNNY

No. of Crew Members 3

Crew Members Names :

DAVID S	PAUL C	DOMENIC C	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 # 37 Shot Time (24hrs) 11:05 Shot VideoTaped: Y

Weather

Notes: SHOT #37
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.: 70.10
Location of Structure: 1 BEAVER DAM RD Predicted Max Weigh/Delay: 74 Lbs Predicted PPV: 0.18
Measurement Google Map Dist. to Closest (Ft) Structure 603 Railroad/Highway 374 Overhead Util 558 Underground Util 558

Pay Quantities

Pay Calculations Notes

Fire Detail # of Hrs: 8
Pay Square Area 3264 Feet
N/A N/A
N/A N/A

6 X 8 X 68 HOLES = 3264 SQ FT

Shot Info

Configuration

1 - Open

Total Drill Depth(Ft)	<u>748.00</u>	Total SqFt	<u>3264.00</u>	Avg Powder	<u>1.76</u> Lbs/Cyd	Total Product Weight (Lbs) :	<u>2338</u>
Total Tons	<u>N/A</u>	Total Yards	<u>1329.78</u>	Factor	<u>0.57</u> Cyd/Lbs	Avg Weight / Hole (Lbs):	<u>34.38</u>

Cal Method	Pattern						
# Holes	<u>68</u>	# Loaded Holes	<u>68</u>	Cover Used/No	<u>Blast</u>	<u>30</u>	
	AVG	Min	Max				
Drill Depth	<u>11</u>	<u>10</u>	<u>12</u>	Stone Weight	<u>N/A</u> /Cyd	Top Stemming	<u>5</u> Min <u>6</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>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>1</u>	<u>0</u>	<u>3</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 2338.00 Lbs

Type Of Initiation: **Non-Electric**

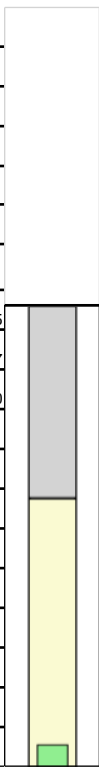
Product #	Desc	Density	Wgt
QR743G	TITAN 1000 LD (G)	1.25	2284.00 Lbs
BA BULK Totals:		N/A	2284.00 Lbs
Product #	Desc	Qty	Wgt
SP0350	TROJAN SPARTAN 350G BOOSTER 49/CS	72	54.00 Lbs
BOOSTERS Totals:		72	54.00 Lbs

Product #	Desc	Qty	Length
DXABZ623	NONEL EZDET 25/350 24FT ZCOMP 60/CS	72	
DETS DHOLE Totals:		72	
Product #	Desc	Qty	Length
DY17Z812ME	NONEL EZTL CPZ 17 MS 12FT 90/180/CS	15	
DY25Z812ME	NONEL EZTL CPZ 25 MS 12FT 90/180/CS	70	
SURF DELAY Totals:		85	

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:74

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	603	N/A
DAVID S	MANCHESTER ATHLETIC CLUB	42°35'30.75"N	10793	Triggered	0.079	39.4	115.8	723	95
MARCUS K	27 MILL ST	42.592791 N	10883	Triggered	0.150	22.2	111.2	631	145
MARCUS K	MEDICAL BUILDING	42.590592 N	10260	Threshold Not Met	N/A	N/A	N/A	1197	N/A