



Blast Report



Job#	103-03-01462	Cust. PO#	N/A	
Date	9/23/2024	Cust. Supt. Name	RON	
Customer Name	D & M Civil Inc	Pick Tkts#	35367	N/A
Job Address	Cell Signaling Site D & M Civil Inc By The Sea		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	<u>2</u>		
Crew Members Names :			
DAVID S	PAUL C	N/A	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 # 40 Shot Time (24hrs) 10:50 Shot VideoTaped: Y

Weather

Notes: SHOT #40
BLAST FOR PHASE TWO FOR BUILDING
ELEVATION IS 75
DRILLED TO ELEVATION 71

Weather Conditions: Cloudy
Temp (°F): 55-65
Wind Direction: North
Wind Spd: 1-5 MPH

Preblast

Blast Direction: North Max Holes/Delay: 1.00 Predicted K Factor: 160
Blast Location: BUILDING PHASE 2 Slope: -1.60 Scale Dist.: 44.97
Location of Structure: MANCHESTER ATHLETIC CLUB Predicted Max Weigh/Delay: 106 Lbs Predicted PPV: 0.36
Measurement Google Map Dist. to Closest (Ft) Structure 463 Railroad/Highway 562 Overhead Util 536 Underground Util 536

Pay Quantities

Pay Calculations Notes

Fire Detail # of Hrs: 8
Pay Square Area 1134.00 Feet
N/A N/A N/A
N/A N/A N/A

7 X 9 X 18 HOLES = 1134 SQ FT

Shot Info

Configuration

1 - Open

Total Drill Depth(Ft) 738.00 Total SqFt 1134.00 Avg Powder 1.29 Lbs/Cyd Total Product Weight (Lbs) : 2222
Total Tons N/A Total Yards 1722.00 Factor 0.77 Cyd/Lbs Avg Weight / Hole (Lbs): 123.44

Cal Method Pattern
Holes 18 # Loaded Holes 18 Cover Used/No Blast 20
AVG Min Max
Drill Depth 41.00 Stone Weight N/A /Cyd Top Stemming 7.00 Min 25.00 Max
Burden(Feet) 7.00 Feet Type of Terrain Flat/Sloped Charges/Hole 2 Min 2 Max
Spacing (Feet) 9.00 Feet Type of Rock Granite Deck Stemming 3.00 Min 3.00 Max
Hole Diameter 3.50 Stemming Type 3/8" Crushed Stone Charge Wgt/Deck 30.00 Min 106.00 Max
OverBurden (Ft) 2.00 Height of Face 0.00 Depth of Water 0.00 Min 4.00 Max
Control Row Taped Y Angled Holes /Face Bermed N/Y Laser/BoreTracking N

Total Pounds 2222.27 Lbs

Type Of Initiation: **Electronic**

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
DS44060A	DIGISHOT DETONATOR 60FT/18.3M 52/CS	36.00	
DETS DHOLE Totals:		36.00	

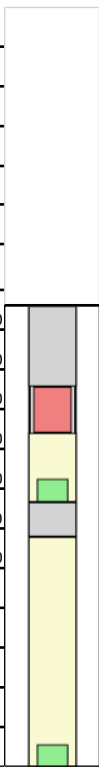
Product #	Desc	Qty	Wgt
QD51425016	Blastex 2 1/2 X 16 40LBS/CS 12/STKS	31.00	103.23 Lbs
BAPACKAGED Totals:		31.00	103.23 Lbs

Product #	Desc	Qty	Wgt
TR0350	TROJAN SHIELD "S" 350G 49/CS	36.00	23.04 Lbs
BOOSTERS Totals:		36.00	23.04 Lbs

Descriptor: MAX/LBS

Elevation	Feet
Brench (ft)	N/A
Floor (ft)	N/A
Overburden (ft)	2.00
Sub Drilling(ft)	3.00
Total Depth (ft)	40.00

Stemming Stones	7.00
Blastex 2 1/2 X 16 40LBS/CS 12/STKS	4.00
TITAN 1000 LD (G)	6.00
TROJAN SHIELD "S" 350G 49/CS	0.00
Stemming Stones	3.00
TITAN 1000 LD (G)	20.00
TROJAN SHIELD "S" 350G 49/CS	0.00
N/A	
N/A	
N/A	
N/A	
N/A	



Seismographs

Actual Max Weight/Delay:106.00

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	0.317	42.7	121.3	463	140
DAVID S	1 BEAVER DAM RD	42°35'39.26"N	10289	Triggered	0.051	44.5	115.2	728	46
MARCUS K	27 MILL ST	42.592791 N	10883	Triggered	0.150	28.4	103.5	822	166
MARCUS K	MEDICAL BUILDING	42.590592 N	10260	Triggered	0.055	42.6	112.3	893	69