



Blast Report



Job#	103-03-01462	Cust. PO#	N/A
Date	8/20/2024	Cust. Supt. Name	RON

Customer Name	D & M Civil Inc	Pick Tks#	35399	N/A
Job Address	Cell Signaling Site D & M Civil IncBy The Sea	N/A	N/A	N/A
		N/A	N/A	N/A

State	MA	Permit No.		Identify Hazards
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Pre Shift Insp.Time (24hrs) :	7:00:00 AM	FLY ROCK
		PROPERTY DAMAGE

Post Shift Insp.Time (24hrs):	3:00:00 PM
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Blaster :	Swaby;Hoip D	Precautions Taken:
License #:	007151	DOUBLE MAT & USE BLAST DESIGN

Signature:		MOVE ALL MOVEABLES
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Weather Comments:
PARTLY CLOUDY

No. of Crew Members	3		
Crew Members Names :			
DAVID S	MIKE C	PAUL 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 # 16 Shot Time (24hrs) 10:41 Shot VideoTaped: Y

Weather

Notes:

SHOT #16
BLAST FOR WATER, SEWER, DRAIN, MANHOLE

Weather Conditions: Sunny

Temp (°F): 65-70

Wind Direction: North

Wind Spd: 1-5 MPH

Preblast

Blast Direction: North Max Holes/Delay: 2 Predicted K Factor: 242
Blast Location: WATER/SEWER/DRAIN/MANHOLE Slope: -1.6 Scale Dist.: 73.76
Location of Structure: MANCHESTER ATHLETIC CLUB Predicted Max Weigh/Delay: 48 Lbs Predicted PPV: 0.25
Measurement GPS Dist. to Closest (Ft) Structure 511 Railroad/Highway 715 Overhead Util 257 Underground Util 257

Pay Quantities

Pay Calculations Notes

Fire Detail # of Hrs: 8

Pay Square Area 1056 Feet

N/A N/A N/A

N/A N/A N/A

6 X 8 X 22 HOLES = 1056 SQ FT

Shot Info

Configuration

1 - Open

Total Drill Depth(Ft)	264.00	Total SqFt	1056.00	Avg Powder	1.26 Lbs/Cyd	Total Product Weight (Lbs) :	590
Total Tons	N/A	Total Yards	469.33	Factor	0.80 Cyd/Lbs	Avg Weight / Hole (Lbs):	26.82
Cal Method	Pattern						
# Holes	22	# Loaded Holes	22	Cover Used/No Blast	30		
	AVG	Min	Max				
Drill Depth	12	12	14	Stone Weight	N/A /Cyd	Top Stemming	6 Min 9 Max
Burden(Feet)	6 Feet	6	6	Type of Terrain	Flat	Charges/Hole	1 Min 1 Max
Spacing (Feet)	8 Feet	8	8	Type of Rock	Granite	Deck Stemming	0 Min 0 Max
Hole Diameter	3.5	3.5	3.5	Stemming Type	3/8" Crushed Stone	Charge Wgt/Deck	16 Min 32 Max
OverBurden (Ft)	2	1	4	Height of Face	0	Depth of Water	0 Min 3 Max
Control Row Taped	Y			Angled Holes /Face Bermed	N/Y	Laser/BoreTracking	N

Total Pounds 589.50 Lbs

Type Of Initiation: Non-Electric

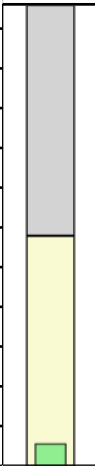
Product #	Desc	Density	Wgt
QR743G	TITAN 1000 LD (G)	1.25	573.00 Lbs
BA BULK Totals:		N/A	573.00 Lbs
Product #	Desc	Qty	Wgt
SP0350	TROJAN SPARTAN 350G BOOSTER 49/CS	22	16.50 Lbs
BOOSTERS Totals:		22	16.50 Lbs

Product #	Desc	Qty	Length
DXABZ623	NONEL EZDET 25/350 24FT ZCOMP 60/CS	22	
DETS DHOLE Totals:		22	
Product #	Desc	Qty	Length
DJ25025	NONEL LEADLINE 2500FT/762M 2/CS	1	500
LINES Totals:		1	
Product #	Desc	Qty	Length
DY17Z812ME	NONEL EZTL CPZ 17 MS 12FT 90/180/CS	9	
DY25Z812ME	NONEL EZTL CPZ 25 MS 12FT 90/180/CS	22	
SURF DELAY Totals:		31	

Description: MAX/LBS

Elevation	Feet
Brench (ft)	N/A
Floor (ft)	N/A
Overburden (ft)	1
Sub Drilling(ft)	3
Total Depth (ft)	12.00

Stemming Stones	6
TITAN 1000 LD (G)	6
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:48****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	10289	Triggered	0.261	51.2	121.8	511	254
DAVID S	1 BEAVER DAM RD	42°35'39.26"N	10755	Triggered	0.046	25.9	117.2	702	74
MARUCS K	27 MILL ST	42.592791 N	10883	Triggered	0.100	32.0	109.2	978	275
MARCUS K	MEDICAL BUILDING	42.590592 N	10260	Threshold Not Met	N/A	N/A	N/A	841	N/A