



Blast Report



Job#	103-03-01462	Cust. PO#	N/A	
Date	9/24/2024	Cust. Supt. Name	RON	
Customer Name	D & M Civil Inc	Pick Tks#	35368	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

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:

PARTLY CLOUDY

No. of Crew Members 3

Crew Members Names :				
DAVID S	BOBBY B	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 # 41 Shot Time (24hrs) 11:20 Shot VideoTaped: Y **Weather**

Notes: SHOT #41
 BLAST FOR BUILDING & RETAINING WALL
 ELEVATION FOR BUILDING & RETAINING WALL IS 105
 DRILLED TO ELEVATION 102 FOR BUILDING & RETAINING WALL.

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

Preblast

Blast Direction: South Max Holes/Delay: 3.00 Predicted K Factor: 160
 Blast Location: BUILDING Slope: -1.60 Scale Dist.: 51.12
 Location of Structure: MANCHESTER ATHLETIC CLUB Predicted Max Weigh/Delay: 90.00 Lbs Predicted PPV: 0.30
 Measurement Google Map Dist. to Closest (Ft) Structure 485 Railroad/Highway 467 Overhead Util 600 Underground Util 600

Pay Quantities

Fire Detail # of Hrs: 8 **Pay Calculations Notes**
 Pay Square Area 4320.00 Feet
 N/A N/A N/A
 N/A N/A N/A
 6 X 8 X 90 HOLES = 4320 SQ FT

Shot Info

Configuration 1 - Open
 Total Drill Depth(Ft) 1350.00 Total SqFt 4320.00 Avg Powder 1.69 Lbs/Cyd Total Product Weight (Lbs) : 4067
 Total Tons N/A Total Yards 2400.00 Factor 0.59 Cyd/Lbs Avg Weight / Hole (Lbs): 45.19

Cal Method Pattern
 # Holes 90 # Loaded Holes 90 Cover Used/No Blast 30

	AVG	Min	Max			Min	Max
Drill Depth	15.00	12.00	17.00	Stone Weight	N/A /Cyd	5.00	8.00
Burden(Feet)	6.00	6.00	6.00	Type of Terrain	Flat/Sloped	1	1
Spacing (Feet)	8.00	8.00	8.00	Type of Rock	Granite	0.00	0.00
Hole Diameter	3.50	3.50	3.50	Stemming Type	3/8" Crushed Stone	37.00	53.00
OverBurden (Ft)	1.00	0.00	6.00	Height of Face	0.00	0.00	4.00

 Control Row Taped Y Angled Holes /Face Bermed N/Y Laser/BoreTracking N

Total Pounds 4066.56 Lbs Type Of Initiation: Non-Electric

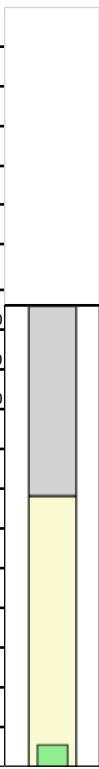
Product #	Desc	Density	Wgt
QR743G	TITAN 1000 LD (G)	1.25	3963.00 Lbs
BA BULK Totals:		N/A	3963.00 Lbs
Product #	Desc	Qty	Wgt
SP0350	TROJAN SPARTAN 350G BOOSTER 49/CS	44.00	33.00 Lbs
BOOSTERS Totals:		44.00	33.00 Lbs
Product #	Desc	Qty	Wgt
DN260420008	DYNOMAX PRO 2X8 (50X200) TS EC CAPW	56.00	70.56 Lbs
HI-EX Totals:		56.00	70.56 Lbs

Product #	Desc	Qty	Length
DXABZ629	NONEL EZDET 25/350 30FT ZCOMP 40/CS	100.00	
DETS DHOLE Totals:		100.00	
Product #	Desc	Qty	Length
DY17Z820ME	NONEL EZTL CPZ 17 MS 20/FT 60/120/CS	16	
DY25Z812ME	NONEL EZTL CPZ 25 MS 12FT 90/180/CS	86	
SURF DELAY Totals:		102	

Descriptor: MAX/LBS

Elevation	Feet
Brench (ft)	N/A
Floor (ft)	N/A
Overburden (ft)	1.00
Sub Drilling(ft)	3.00
Total Depth (ft)	17.00

Stemming Stones	7.00
TITAN 1000 LD (G)	10.00
TROJAN SPARTAN 350G BOOSTER 49/CS	0.00
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:90.00

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	0.215	28.4	122.2	485	116
DAVID S	1 BEAVER DAM RD	42°35'39.26"N	10289	Triggered	0.060	22.0	113.5	713	60
MARCUS K	27 MILL ST	42.592791 N	10883	Triggered	0.200	28.4	114.8	717	203
MARCUS K	MEDICAL BUILDING	42.590592 N	10260	Threshold Not Met	N/A	N/A	N/A	932	N/A