



Blast Report



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

Customer Name	D & M Civil Inc	Pick Tks#	35598	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
-------	----	------------	--	------------------

Pre Shift Insp.Time (24hrs) :	8:00:00 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:

SUNNY

No. of Crew Members	3		
Crew Members Names :			
DAVID S	PAUL C	BRUCE D	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 # 11 Shot Time (24hrs) 11:48 Shot VideoTaped: Y

Weather

Notes:

SHOT #11
BLAST FOR BUILDING
ELEVATION IS 75
DRILLED TO ELEVATION 72

Weather Conditions: Sunny
Temp (°F): 70-75
Wind Direction: North
Wind Spd: 1-5 MPH

Preblast

Blast Direction: North Max Holes/Delay: 1 Predicted K Factor: 160
Blast Location: BUILDING Slope: -1.6 Scale Dist.: 83.02
Location of Structure: 1 BEAVER DAM RD Predicted Max Weigh/Delay: 42 Lbs Predicted PPV: 0.14
Measurement Google Map Dist. to Closest (Ft) Structure 538 Railroad/Highway 452 Overhead Util 590 Underground Util 590

Pay Quantities

Pay Calculations Notes

Fire Detail # of Hrs: 8
Pay Square Area 2754 Feet
N/A N/A N/A
N/A N/A N/A

6 X 9 X 51 HOLES = 2754 SQ FT

Shot Info

Configuration

1 - Open

Total Drill Depth(Ft)	663.00	Total SqFt	2754.00	Avg Powder	1.48 Lbs/Cyd	Total Product	Weight (Lbs) :	1957
Total Tons	N/A	Total	Yards	Factor	0.68 Cyd/Lbs	Avg Weight /	Hole (Lbs):	38.37
Cal Method	Pattern							
# Holes	51	# Loaded Holes	51	Cover Used/No	Blast	30		
	AVG	Min	Max					
Drill Depth	13	13	13	Stone Weight	N/A /Cyd	Top Stemming	5 Min	8 Max
Burden(Feet)	6	6	6	Type of Terrain	Flat	Charges/Hole	1 Min	1 Max
Spacing (Feet)	9	9	9	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	26 Min	42 Max
OverBurden (Ft)	2	0	5	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 1957.25 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	51	38.25 Lbs
BOOSTERS Totals:		51	38.25 Lbs

Product #	Desc	Qty	Length
DXABZ623	NONEL EZDET 25/350 24FT ZCOMP 60/CS	51	
DETS DHOLE Totals:		51	
Product #	Desc	Qty	Length
DJ25025	NONEL LEADLINE 2500FT/762M 2/CS	1	500
LINES Totals:		1	
Product #	Desc	Qty	Length
DY25Z812ME	NONEL EZTL CPZ 25 MS 12FT 90/180/CS	55	
DY17Z820ME	NONEL EZTL CPZ 17 MS 20/FT 60/120/CS	10	
SURF DELAY Totals:		65	

Please See Attached for Seismograph Report

Description: MAX/LBS

Elevation	Feet
Brench (ft)	N/A
Floor (ft)	N/A
Overburden (ft)	0
Sub Drilling(ft)	3
Total Depth (ft)	13.00

Stemming Stones	5
TITAN 1000 LD (G)	8
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:42****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	Triggered	0.070	26.6	122.1	538	82
DAVID S	MANCHESTER ATHLETIC CLUB	42°35'30.75"N	10755	Triggered	0.085	39.4	111.1	874	217
MARCUS KATYNSKI	27 MILL ST	42.592791 N	10883	Triggered	0.205	28.4	106.0	769	427
MARCUS KATYNSKI	MEDICAL BUILDING	42.590592 N	10260	Threshold Not Met	N/A	N/A	N/A	1314	N/A