



Blast Report



Job#	103-03-01462	Cust. PO#	N/A
Date	7/31/2024	Cust. Supt. Name	RON

Customer Name	D & M Civil Inc	Pick Tks#	35590	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) :	8:00:00 AM	FLY ROCK
		PROPERTY DAMAGE

Post Shift Insp.Time (24hrs): 3:00:00 PM

Blaster : Swaby;Hoip D
License #: 007151

Signature:

Precautions Taken:
DOUBLE MAT & USE BLAST DESIGN
MOVE ALL MOVEABLES

Weather
Comments:
CLOUDY

No. of Crew Members	2		
Crew Members Names :			
DAVID S	BRUCE D	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 # 5 Shot Time (24hrs) 11:18 Shot VideoTaped: Y

Weather

Notes:

SHOT #5
BLAST FOR BUILDING
ELEVATION IS 75
DRILLED TO ELEVATION 71

Weather Conditions: Cloudy
Temp (°F): 70-80
Wind Direction: North
Wind Spd: 1-5 MPH

Preblast

Blast Direction: North Max Holes/Delay: 2 Predicted K Factor: 160
Blast Location: BUILDING Slope: -1.6 Scale Dist.: 51.94
Location of Structure: 1 BEAVER DAM RD Predicted Max Weigh/Delay: 84 Lbs Predicted PPV: 0.29
Measurement Google Map Dist. to Closest (Ft) Structure 476 Railroad/Highway 494 Overhead Util 576 Underground Util 576

Pay Quantities

Pay Calculations Notes

Fire Detail # of Hrs: 8
Pay Square Area 3672 Feet
N/A N/A N/A
N/A N/A N/A

6 X 9 X 68 HOLES = 3672 SQ FT

Shot Info

Configuration

1 - Open

Total Drill Depth(Ft)	918.00	Total SqFt	3672.00	Avg Powder	1.66 Lbs/Cyd	Total Product	Weight (Lbs) :	3054
Total Tons	N/A	Total	Yards	Factor	0.60 Cyd/Lbs	Avg Weight /	Hole (Lbs):	44.91
Cal Method	Pattern							
# Holes	68	# Loaded Holes	68	Cover Used/No	Blast	30		
	AVG	Min	Max					
Drill Depth	13.5	13	14	Stone Weight	N/A /Cyd	Top Stemming	5 Min	6 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	42 Min	48 Max
OverBurden (Ft)	0	0	3	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 3054.00 Lbs

Type Of Initiation: Non-Electric

Product #	Desc	Density	Wgt
QR743G	TITAN 1000 LD (G)	1.25	3003.00 Lbs
BA BULK Totals:		N/A	3003.00 Lbs
Product #	Desc	Qty	Wgt
SP0350	TROJAN SPARTAN 350G BOOSTER 49/CS	68	51.00 Lbs
BOOSTERS Totals:		68	51.00 Lbs

Product #	Desc	Qty	Length
DXABZ623	NONEL EZDET 25/350 24FT ZCOMP 60/CS	68	
DETS DHOLE Totals:		68	
Product #	Desc	Qty	Length
DJ25025	NONEL LEADLINE 2500FT/762M 2/CS	1	500
LINES Totals:		1	
Product #	Desc	Qty	Length
DY17Z820ME	NONEL EZTL CPZ 17 MS 20/FT 60/120/CS	10	
DY25Z820ME	NONEL EZTL CPZ 25MS 20/FT 60/120/CS	60	
SURF DELAY Totals:		70	

Description: MAX/LBS

Elevation	Feet
Brench (ft)	N/A
Floor (ft)	N/A
Overburden (ft)	0
Sub Drilling(ft)	3
Total Depth (ft)	14.00

Stemming Stones	5
TITAN 1000 LD (G)	9
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:84****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	0.084	40.2	123.9	476	47
DAVID S	MANCHESTER ATHLETIC CLUB	42°35'30.75"N	10755	Triggered	0.082	34.1	115.2	893	125
DAVID S	27 MILL ST	42°35'25.27"N	10290	Threshold Not Met	N/A	N/A	N/A	976	N/A
DAVID S	28 MILL ST	42°35'25.58"N	10793	Threshold Not Met	N/A	N/A	N/A	1057	N/A