



Blast Report



Job#	103-03-01462	Cust. PO#	N/A
Date	8/6/2024	Cust. Supt. Name	RON

Customer Name	D & M Civil Inc	Pick Tks#	35596	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:
RAIN

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):



Weather

Weather Conditions:	Rain	
Temp (°F):	65-75	
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.:		77.22	
Location of Structure:		1 BEAVER DAM RD		Predicted Max Weigh/Delay:		48 Lbs		Predicted PPV:		0.15	
Measurement	Google Map	Dist. to Closest (Ft)	Structure	535	Railroad/Highway	474	Overhead Util	574	Underground Util	574	

Pay Quantities

Pay Calculations Notes

Pay Square Area 2700 Feet

N/A N/A N/A

N/A N/A N/A

6 X 9 X 50 HOLES = 2700 SO FT

Shot Info

Configuration

1 - Open

Total Drill Depth(Ft)	625.00	Total SqFt	2700.00	Avg Powder Factor	1.57 Lbs/Cyd	Total Product Weight (Lbs) :	1957
Total Tons	N/A	Total Yards	1250.00		0.64 Cyd/Lbs	Avg Weight / Hole (Lbs):	39.14

Cal Method	Pattern							
# Holes	50	# Loaded Holes	50	Cover Used/No Blast	30			
	AVG	Min	Max					
Drill Depth	12.5	12	14	Stone Weight	N/A /Cyd	Top Stemming	5 Min	7 Max
Burden(Feet)	6 Feet	6	6	Type of Terrain	Flat/Sloped	Charges/Hole	1 Min	1 Max
Spacing (Feet)	9 Feet	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	48 Max
OverBurden (Ft)	1	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 **1956.50 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	50	37.50	Lbs
BOOSTERS Totals:		50	37.50	Lbs

Product #	Desc	Qty	Length
DXABZ623	NONEL EZDET 25/350 24FT ZCOMP 60/CS	50	
	DETS DHOLE Totals:	50	
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	8	
DY25Z812ME	NONEL EZTL CPZ 25 MS 12FT 90/180/CS	60	
	SURF DELAY Totals:	68	

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: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	1 BEAVER DAM RD	42°35'39.26"N	10289	Triggered	0.064	26.9	117.8	535	67
DAVID S	MANCHESTER ATHLETIC CLUB	42°35'30.75"N	10755	Triggered	0.070	46.5	111.2	877	162
DAVID S	195 SCHOOL ST	42°35'34.93"N	10793	Threshold Not Met	N/A	N/A	N/A	1512	N/A
MARCUS KATYNSKI	27 MILL ST	42.590683 N	10883	Triggered	0.160	20.4	104.9	759	293