



Blast Report



Job#	103-03-01462	Cust. PO#	N/A	
Date	8/7/2024	Cust. Supt. Name	RON	
Customer Name	D & M Civil Inc	Pick Tks#	35597	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:

CLOUDY

No. of Crew Members	<u>2</u>		
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 # 10 Shot Time (24hrs) 11:46 Shot VideoTaped: Y

Weather

Notes:

SHOT #10
BLAST FOR BUILDING
ELEVATION IS 75
DRILLED TO ELEVATION 72

Weather Conditions: Cloudy
Temp (°F): 65-70
Wind Direction: North
Wind Spd: 1-5 MPH

Preblast

Blast Direction: North Max Holes/Delay: 1.00 Predicted K Factor: 160
Blast Location: BUILDING Slope: -1.60 Scale Dist.: 73.53
Location of Structure: 1 BEAVER DAM RD Predicted Max Weigh/Delay: 58 Lbs Predicted PPV: 0.17
Measurement GPS Dist. to Closest (Ft) Structure 560 Railroad/Highway 596 Overhead Util 501 Underground Util 501

Pay Quantities

Pay Calculations Notes

Fire Detail # of Hrs: 8
Pay Square Area 2916 Feet
N/A N/A N/A
N/A N/A N/A

6 X 9 X 54 HOLES = 2916 SQ FT

Shot Info

Configuration

1 - Open

Total Drill Depth(Ft)	702.00	Total SqFt	2916.00	Avg Powder	1.41 Lbs/Cyd	Total Product Weight (Lbs) :	1981
Total Tons	N/A	Total Yards	1404.00	Factor	0.71 Cyd/Lbs	Avg Weight / Hole (Lbs):	36.69
Cal Method	Pattern						
# Holes	54	# Loaded Holes	54	Cover Used/No Blast	30		
	AVG	Min	Max				
Drill Depth	13	12.00	18	Stone Weight	N/A /Cyd	Top Stemming	6 Min 8 Max
Burden(Feet)	6.00	6.00	6.00	Type of Terrain	Flat/Sloped	Charges/Hole	1 Min 1 Max
Spacing (Feet)	9.00	9.00	9.00	Type of Rock	Granite	Deck Stemming	0.00 Min 0.00 Max
Hole Diameter	3.50	3.50	3.50	Stemming Type	3/8" Crushed Stone	Charge Wgt/Deck	25 Min 58 Max
OverBurden (Ft)	1	0	4	Height of Face	0.00	Depth of Water	0.00 Min 3.00 Max
Control Row Taped	Y			Angled Holes /Face Bermed	N/Y	Laser/BoreTracking	N

Total Pounds 1980.50 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	82.00	61.50 Lbs
BOOSTERS Totals:		82.00	61.50 Lbs

Product #	Desc	Qty	Length
DXABZ629	NONEL EZDET 25/350 30FT ZCOMP 40/CS	82.00	
DETS DHOLE Totals:		82.00	
Product #	Desc	Qty	Length
DY17Z820ME	NONEL EZTL CPZ 17 MS 20/FT 60/120/CS	12.00	
DY25Z812ME	NONEL EZTL CPZ 25 MS 12FT 90/180/CS	60.00	
SURF DELAY Totals:		72.00	

Description: MAX/LBS

Elevation	Feet
Brench (ft)	N/A
Floor (ft)	N/A
Overburden (ft)	0.00
Sub Drilling(ft)	3.00
Total Depth (ft)	18.00

Stemming Stones	7
TITAN 1000 LD (G)	11
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:58****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	0.057	31.5	117.2	560	55
DAVID S	MANCHESTER ATHLETIC CLUB	42°35'30.75"N	10755	Triggered	0.085	46.5	113.0	731	126
MARCUS KATYNSKI	MEDICAL BUILDING	42.592791 N	10260	Threshold Not Met	N/A	N/A	N/A	1145	N/A
MARCUS KATYNSKI	27 MILL ST	42.590592 N	10883	Triggered	0.120	32.0	104.9	796	204