



Blast Report



Job#	103-03-01462	Cust. PO#	N/A
Date	8/14/2024	Cust. Supt. Name	RON

Customer Name	D & M Civil Inc	Pick Tks#	35351	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) : 6:00:00 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	BRUCE D	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 # 15 Shot Time (24hrs) 13:00 Shot VideoTaped: Y

Weather

Notes:

SHOT #15
BLAST FOR WATER & DRAIN
ELEVATION IS 81
DRILLED TO ELEVATION 77

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

Preblast

Blast Direction: West Max Holes/Delay: 1 Predicted K Factor: 160
Blast Location: BUILDING Slope: -1.6 Scale Dist.: 50.54
Location of Structure: 1 BEAVER DAM RD Predicted Max Weigh/Delay: 85 Lbs Predicted PPV: 0.30
Measurement Google Map Dist. to Closest (Ft) Structure 466 Railroad/Highway 264 Overhead Util 586 Underground Util 586

Pay Quantities

Pay Calculations Notes

Fire Detail # of Hrs: 8
Pay Square Area 3402 Feet
N/A N/A N/A
N/A N/A N/A

7 X 9 X 54 HOLES = 3402 SQ FT

Shot Info

Configuration

1 - Open

Total Drill Depth(Ft)	1350.00	Total SqFt	3402.00	Avg Powder	1.18 Lbs/Cyd	Total Product	Weight (Lbs) :	3724
Total Tons	N/A	Total	Yards	Factor	0.85 Cyd/Lbs	Avg Weight /	Hole (Lbs):	68.96
Cal Method	Pattern							
# Holes	54	# Loaded Holes	54	Cover Used/No	Blast	37		
	AVG	Min	Max					
Drill Depth	25	22	28	Stone Weight	N/A /Cyd	Top Stemming	6	17
Burden(Feet)	7	7	7	Type of Terrain	Hilly	Charges/Hole	1	1
Spacing (Feet)	9	9	9	Type of Rock	Granite	Deck Stemming	0	0
Hole Diameter	3.5	3.5	3.5	Stemming Type	3/8" Crushed Stone	Charge Wgt/Deck	40	85
OverBurden (Ft)	7	2	15	Height of Face	0	Depth of Water	0	5
Control Row Taped	Y			Angled Holes /Face Bermed	N/Y	Laser/BoreTracking	N	

Total Pounds 3723.50 Lbs

Type Of Initiation: Non-Electric

Product #	Desc	Density	Wgt
QR743G	TITAN 1000 LD (G)	1.25	3650.00 Lbs
BA BULK Totals:		N/A	3650.00 Lbs
Product #	Desc	Qty	Wgt
SP0350	TROJAN SPARTAN 350G BOOSTER 49/CS	98	73.50 Lbs
BOOSTERS Totals:		98	73.50 Lbs

Product #	Desc	Qty	Length
DXABZ629	NONEL EZDET 25/350 30FT ZCOMP 40/CS	68	
DXABZ641	NONEL EZDET 25/350 40FT ZCOMP 30/CS	30	
DETS DHOLE Totals:		98	
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	20	
SURF DELAY Totals:		28	

Description: MAX/LBS

Elevation	Feet
Brench (ft)	N/A
Floor (ft)	N/A
Overburden (ft)	4
Sub Drilling(ft)	3
Total Depth (ft)	22.00

Stemming Stones	6
TITAN 1000 LD (G)	16
TROJAN SPARTAN 350G BOOSTER 49/CS	0
N/A	
N/A	
N/A	
N/A	
N/A	
N/A	
N/A	

Seismographs**Actual Max Weight/Delay:85****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	0.100	41.0	122.1	466	53
DAVID S	MANCHESTER ATHLETIC CLUB	42°35'30.75"N	10755	Triggered	0.053	36.6	113.4	1249	137
MARCUS KATYNSKI	27 MILL ST	42.592791 N	10883	Triggered	0.115	30.1	109.9	903	176
MARCUS KATYNSKI	MEDICAL BUILDING	42.590592 N	10260	Threshold Not Met	N/A	N/A	N/A	1683	N/A