



Blast Report



Job#	103-03-01462	Cust. PO#	N/A
Date	8/5/2024	Cust. Supt. Name	RON

Customer Name	D & M Civil Inc	Pick Tks#	35595	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
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Post Shift Insp.Time (24hrs):	3:00:00 PM	PROPERTY DAMAGE
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Blaster :	Swaby;Hoip D	Precautions Taken:
License #:	007151	DOUBLE MAT & USE BLAST DESIGN

Signature:		MOVE ALL MOVEABLES
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Weather Comments:
SUNNY

No. of Crew Members	3		
Crew Members Names :			
DAVID S	STEVEN M	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 # 8 Shot Time (24hrs) 12:50 Shot VideoTaped: Y

Weather

Notes:

SHOT #8
BLAST FOR BUILDING
ELEVATION IS 75
DRILLED TO ELEVATION 72

Weather Conditions: Sunny
Temp (°F): 75-85
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.: 72.46
Location of Structure: 1 BEAVER DAM RD Predicted Max Weigh/Delay: 48 Lbs Predicted PPV: 0.17
Measurement GPS Dist. to Closest (Ft) Structure 502 Railroad/Highway 583 Overhead Util 493 Underground Util 493

Pay Quantities

Pay Calculations Notes

Fire Detail # of Hrs: 8
Pay Square Area 3240 Feet
N/A N/A N/A
N/A N/A N/A

6 X 9 X 60 HOLES = 3240 SQ FT

Shot Info

Configuration

1 - Open

Total Drill Depth(Ft)	750.00	Total SqFt	3240.00	Avg Powder	1.55 Lbs/Cyd	Total Product	Weight (Lbs) :	2329
Total Tons	N/A	Total	Yards	Factor	0.64 Cyd/Lbs	Avg Weight /	Hole (Lbs):	38.82
Cal Method	Pattern							
# Holes	60	# Loaded Holes	60	Cover Used/No	Blast	30		
	AVG	Min	Max					
Drill Depth	12.5	12	14	Stone Weight	N/A /Cyd	Top Stemming	5.00	Min 7.00 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	26	Min 48 Max
OverBurden (Ft)	0	0.00	3	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 2329.00 Lbs

Type Of Initiation: Non-Electric

Product #	Desc	Density	Wgt
QR743G	TITAN 1000 LD (G)	1.25	2284.00 Lbs
BA BULK Totals:		N/A	2284.00 Lbs
Product #	Desc	Qty	Wgt
SP0350	TROJAN SPARTAN 350G BOOSTER 49/CS	60.00	45.00 Lbs
BOOSTERS Totals:		60.00	45.00 Lbs

Product #	Desc	Qty	Length
DXABZ623	NONEL EZDET 25/350 24FT ZCOMP 60/CS	60.00	
DETS DHOLE Totals:		60.00	
Product #	Desc	Qty	Length
DY17Z820ME	NONEL EZTL CPZ 17 MS 20/FT 60/120/CS	8.00	
DY25Z812ME	NONEL EZTL CPZ 25 MS 12FT 90/180/CS	65.00	
SURF DELAY Totals:		73.00	

Description: MAX/LBS

Elevation	Feet
Brench (ft)	N/A
Floor (ft)	N/A
Overburden (ft)	0
Sub Drilling(ft)	3.00
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	0.063	37.9	120.3	502	60
DAVID S	MANCHESTER ATHLETIC CLUB	42°35'30.75"N	10755	Triggered	0.118	36.6	112.7	745	210
MARCUS KATYNSKI	27 MILL ST	42.590683 N	10883	Triggered	0.140	21.3	103.5	788	273