



Blast Report



Job#	103-03-01462	Cust. PO#	N/A	
Date	8/1/2024	Cust. Supt. Name	RON	
Customer Name	D & M Civil Inc	Pick Tks#	35593	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	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 # 6 Shot Time (24hrs) 12:43 Shot VideoTaped: Y

Weather

Notes:

SHOT #6
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: 2 Predicted K Factor: 160
Blast Location: BUILDING Slope: -1.6 Scale Dist.: 74.88
Location of Structure: 1 BEAVER DAM RD Predicted Max Weigh/Delay: 52 Lbs Predicted PPV: 0.16
Measurement Google Map Dist. to Closest (Ft) 540 Railroad/Highway 537 Overhead Util 497 Underground Util 497

Pay Quantities

Pay Calculations Notes

Fire Detail # of Hrs: 8
Pay Square Area 3672 Feet
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)	884.00	Total SqFt	3672.00	Avg Powder	1.42 Lbs/Cyd	Total Product	Weight (Lbs) :	2504		
Total Tons	N/A	Total	Yards	1768.00	Factor	0.71	Avg Weight /	Hole (Lbs):	36.82	
Cal Method	Pattern									
# Holes	68	# Loaded Holes	68	Cover Used/No	Blast	30				
	AVG	Min	Max							
Drill Depth	13	13	13	Stone Weight	N/A /Cyd	Top Stemming	5	Min	8	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	26	Min	42	Max
OverBurden (Ft)	1	0	5	Height of Face	0	Depth of Water	0	Min	4	Max
Control Row Taped	Y			Angled Holes	N/Y	Laser/BoreTracking	N			

Total Pounds 2503.50 Lbs

Type Of Initiation: Non-Electric

Product #	Desc	Density	Wgt
QR743G	TITAN 1000 LD (G)	1.25	2451.00 Lbs
BA BULK Totals:		N/A	2451.00 Lbs
Product #	Desc	Qty	Wgt
SP0350	TROJAN SPARTAN 350G BOOSTER 49/CS	70	52.50 Lbs
BOOSTERS Totals:		70	52.50 Lbs

Product #	Desc	Qty	Length
DXABZ629	NONEL EZDET 25/350 30FT ZCOMP 40/CS	70	
DETS DHOLE Totals:		70	
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	12	
DY25Z820ME	NONEL EZTL CPZ 25MS 20/FT 60/120/CS	60	
SURF DELAY Totals:		72	

Description: MAX/LBS

Elevation	Feet
Brench (ft)	N/A
Floor (ft)	N/A
Overburden (ft)	0
Sub Drilling(ft)	3
Total Depth (ft)	13.00

Stemming Stones	5
TITAN 1000 LD (G)	8
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:52****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	0.059	40.2	119.7	540	59
DAVID S	MANCHESTER ATHLETIC CLUB	42°35'30.75"N	10755	Triggered	0.099	42.7	115.2	755	169
DAVID S	27 MILL ST	42°35'25.27"N	10290	Threshold Not Met	N/A	N/A	N/A	926	N/A
DAVID S	28 MILL ST	42°35'25.58"N	10793	Triggered	0.057	46.5	115.8	1083	173