



Blast Report



Job#	1202237100	Cust. PO#	N/A	
Date	1/8/2025	Cust. Supt. Name	MATT	
Customer Name	D & M Civil Inc	Pick Tkts#	34574	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) : 7:00:00 AM FLY ROCK
 Post Shift Insp.Time (24hrs): 3:00:00 PM

Blaster : Swaby;Hoiop D Precautions Taken:
 License #: 007151 DOUBLE MAT & USE BLAST DESIGN

Signature: 

Weather Comments:
CLOUDY

No. of Crew Members 2

Crew Members Names :

SPENCER G	BOBBY B	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 # 17 Shot Time (24hrs) 13:02 Shot VideoTaped: Y

Weather

Notes: SHOT #17
SHOT FOR DRAIN & WATER

Weather Conditions: Cloudy
Temp (°F): 35-45
Wind Direction: North
Wind Spd: 5-15 MPH

Preblast

Blast Direction: South Max Holes/Delay: 2.00 Predicted K Factor: 242
Blast Location: DRAIN/WATER Slope: -1.60 Scale Dist.: 68.95
Location of Structure: MANCHESTER ATHLETIC CLUB Predicted Max Weigh/Delay: 14 Lbs Predicted PPV: 0.28
Measurement GPS Dist. to Closest (Ft) 258 Structure 258 Railroad/Highway 467 Overhead Util 299 Underground Util 299

Pay Quantities

Pay Calculations Notes

Fire Detail # of Hrs: 8
Pay Square Area 420 Feet
N/A N/A
N/A N/A

4 X 7 X 15 HOLES = 420 SQ FT

Shot Info

Configuration

1 - Open

Total Drill Depth(Ft)	<u>165.00</u>	Total SqFt	<u>420.00</u>	Avg Powder	<u>0.41</u> Lbs/Cyd	Total Product Weight (Lbs) :	<u>71</u>
Total Tons	<u>N/A</u>	Total Yards	<u>171.11</u>	Factor	<u>2.41</u> Cyd/Lbs	Avg Weight / Hole (Lbs):	<u>4.73</u>

Cal Method	Pattern							
# Holes	<u>15</u>	# Loaded Holes	<u>15</u>	Cover Used/No Blast	<u>18</u>			
	AVG	Min	Max					
Drill Depth	<u>11.00</u>	<u>11.00</u>	<u>11.00</u>	Stone Weight	<u>N/A</u> /Cyd	Top Stemming	<u>6</u> Min	<u>8</u> Max
Burden(Feet)	<u>4.00</u> Feet	<u>4.00</u>	<u>4.00</u>	Type of Terrain	<u>Flat/Sloped</u>	Charges/Hole	<u>1</u> Min	<u>1</u> Max
Spacing (Feet)	<u>7.00</u> Feet	<u>7.00</u>	<u>7.00</u>	Type of Rock	<u>Granite</u>	Deck Stemming	<u>0.00</u> Min	<u>0.00</u> Max
Hole Diameter	<u>3.50</u>	<u>3.50</u>	<u>3.50</u>	Stemming Type	<u>3/8" Crushed Stone</u>	Charge Wgt/Deck	<u>5</u> Min	<u>7</u> Max
OverBurden (Ft)	<u>5.00</u>	<u>5.00</u>	<u>7.00</u>	Height of Face	<u>0.00</u>	Depth of Water	<u>0.00</u> Min	<u>0.00</u> Max
Control Row Taped	<u>Y</u>			Angled Holes /Face Bermed	<u>N/Y</u>	Laser/BoreTracking	<u>N</u>	

Total Pounds 70.86 Lbs

Type Of Initiation: **Non-Electric**

Product #	Desc	Qty	Wgt	Lbs
QD51425016	Blastex 2 1/2 X 16 40lbs/Cs 12/Stks	17.00	56.61	Lbs
BAPACKAGED Totals:		17.00	56.61	Lbs

Product #	Desc	Qty	Wgt	Lbs
SP0350	TROJAN SPARTAN 350G BOOSTER 49/CS	19.00	14.25	Lbs
BOOSTERS Totals:		19.00	14.25	Lbs

Product #	Desc	Qty	Length
DXABZ623	NONEL EZDET 25/350 24FT ZCOMP 60/CS	19.00	
DETS DHOLE Totals:		19.00	

Product #	Desc	Qty	Length
DJ25025	NONEL LEADLINE 2500FT/762M 2/CS	1.00	500.00
LINES Totals:		1.00	

Product #	Desc	Qty	Length
DY17Z812ME	NONEL EZTL CPZ 17 MS 12FT 90/180/CS	13.00	
DY25Z812ME	NONEL EZTL CPZ 25 MS 12FT 90/180/CS	3.00	
SURF DELAY Totals:		16.00	

Descriptor: MAX/LBS

Elevation	Feet
Brench (ft)	N/A
Floor (ft)	N/A
Overburden (ft)	5.00
Sub Drilling(ft)	2.00
Total Depth (ft)	11.00

Stemming Stones	6
Blastex 2 1/2 X 16 40lbs/Cs 12/Stks	1.5
TROJAN SPARTAN 350G BOOSTER 49/CS	0.5
Blastex 2 1/2 X 16 40lbs/Cs 12/Stks	2.5
TROJAN SPARTAN 350G BOOSTER 49/CS	0.5
N/A	
N/A	
N/A	
N/A	
N/A	
N/A	
N/A	



Seismographs

Actual Max Weight/Delay:14

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
H SWABY	MANCHESTER ATHLETIC CLUB	42°35'39.26"N	10289	Triggered	0.153	113.8	121.0	258	134
H SWABY	1 BEAVER DAM RD	42°35'38.59"N	10292	Threshold Not Met	N/A	N/A	N/A	941	N/A
H SWABY	27 MILL ST	42.590592 N	10883	Threshold Not Met	N/A	N/A	N/A	780	N/A
H SWABY	MEDICAL BUILDING	42.592791 N	10260	Threshold Not Met	N/A	N/A	N/A	788	N/A