



Blast Report



Job#	103-03-01462	Cust. PO#	N/A	
Date	8/29/2024	Cust. Supt. Name	RON	
Customer Name	D & M Civil Inc	Pick Tks#	35355	N/A
Job Address	Cell Signaling Site D & M Civil Inc By 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) : 6:30:00 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 4

Crew Members Names :

<u>DAVID S</u>	<u>BOBBY B</u>	<u>PEYTON M</u>	<u>BRUCE D</u>
<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>
<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>

Seismograph Monitoring Plan (Not to Scale):



Shot # 25 Shot Time (24hrs) 11:02 Shot VideoTaped: Y

Weather

Notes: SHOT #25
BLAST FOR WATER, DRAIN, ROAD
ELEVATION IS 81
DRILLED TO ELEVATION 77

Weather Conditions: Sunny
Temp (°F): 60-70
Wind Direction: North
Wind Spd: 1-5 MPH

Preblast

Blast Direction: West Max Holes/Delay: 1 Predicted K Factor: 160
Blast Location: WATER/DRAIN/ROAD Slope: -1.6 Scale Dist.: 42.26
Location of Structure: 1 BEAVER DAM RD Predicted Max Weigh/Delay: 105 Lbs Predicted PPV: 0.40
Measurement Google Map Dist. to Closest (Ft) Structure 433 Railroad/Highway 271 Overhead Util 636 Underground Util 636

Pay Quantities

Pay Calculations Notes

Fire Detail # of Hrs: 8
Pay Square Area 3150 Feet
N/A N/A
N/A N/A

7 X 10 X 45 HOLES = 3150 SQ FT

Shot Info

Configuration

1 - Open

Total Drill Depth(Ft)	<u>855.00</u>	Total SqFt	<u>3150.00</u>	Avg Powder	<u>1.40</u> Lbs/Cyd	Total Product Weight (Lbs) :	<u>3100</u>
Total Tons	<u>N/A</u>	Total Yards	<u>2216.67</u>	Factor	<u>0.72</u> Cyd/Lbs	Avg Weight / Hole (Lbs):	<u>68.89</u>

Cal Method	Pattern						
# Holes	<u>45</u>	# Loaded Holes	<u>45</u>	Cover Used/No	<u>Blast</u>	<u>40</u>	
	AVG	Min	Max				
Drill Depth	<u>19</u>	<u>13</u>	<u>28</u>	Stone Weight	<u>N/A</u> /Cyd	Top Stemming	<u>6</u> Min <u>11</u> Max
Burden(Feet)	<u>7</u> Feet	<u>7</u>	<u>7</u>	Type of Terrain	<u>Flat/Sloped</u>	Charges/Hole	<u>1</u> Min <u>1</u> Max
Spacing (Feet)	<u>10</u> Feet	<u>10</u>	<u>10</u>	Type of Rock	<u>Granite</u>	Deck Stemming	<u>0</u> Min <u>0</u> Max
Hole Diameter	<u>3.5</u>	<u>3.5</u>	<u>3.5</u>	Stemming Type	<u>3/8" Crushed Stone</u>	Charge Wgt/Deck	<u>37</u> Min <u>106</u> Max
OverBurden (Ft)	<u>6</u>	<u>2</u>	<u>9</u>	Height of Face	<u>0</u>	Depth of Water	<u>0</u> Min <u>3</u> Max
Control Row Taped	<u>Y</u>			Angled Holes /Face Bermed	<u>N/Y</u>	Laser/BoreTracking	<u>N</u>

Total Pounds 3100.25 Lbs

Type Of Initiation: **Non-Electric**

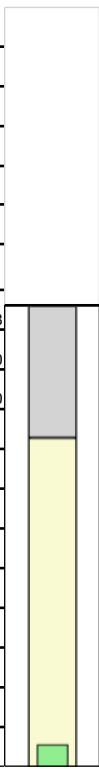
Product #	Desc	Density	Wgt
QR743G	TITAN 1000 LD (G)	1.25	3035.00 Lbs
BA BULK Totals:		N/A	3035.00 Lbs
Product #	Desc	Qty	Wgt
SP0350	TROJAN SPARTAN 350G BOOSTER 49/CS	87	65.25 Lbs
BOOSTERS Totals:		87	65.25 Lbs

Product #	Desc	Qty	Length
DXABZ629	NONEL EZDET 25/350 30FT ZCOMP 40/CS	27	
DXABZ641	NONEL EZDET 25/350 40FT ZCOMP 30/CS	60	
DETS DHOLE Totals:		87	
Product #	Desc	Qty	Length
DJ25025	NONEL LEADLINE 2500FT/762M 2/CS	1	1000
LINES Totals:		1	
Product #	Desc	Qty	Length
DY17Z820ME	NONEL EZTL CPZ 17 MS 20/FT 60/120/CS	10	
DY25Z812ME	NONEL EZTL CPZ 25 MS 12FT 90/180/CS	34	
SURF DELAY Totals:		44	

Descripton: MAX/LBS

Elevation	Feet
Brench (ft)	N/A
Floor (ft)	N/A
Overburden (ft)	2
Sub Drilling(ft)	3
Total Depth (ft)	28.00

Stemming Stones	8
TITAN 1000 LD (G)	20
TROJAN SPARTAN 350G BOOSTER 49/CS	0
N/A	
N/A	
N/A	
N/A	
N/A	
N/A	
N/A	
N/A	



Seismographs

Actual Max Weight/Delay:106

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	0.089	17.8	122.4	473	41
DAVID S	MANCHESTER ATHLETIC CLUB	42°35'30.75"N	10755	Threshold Not Met	N/A	N/A	N/A	1246	N/A
MARCUS K	27 MILL ST	42.592791 N	10883	Triggered	0.060	36.5	109.2	1000	91
MARCUS K	MEDICAL BUILDING	42.590592 N	10260	Threshold Not Met	N/A	N/A	N/A	1662	N/A