



Blast Report



| | | | | |
|---------------|--|------------------|-------|-----|
| Job# | 103-03-01462 | Cust. PO# | N/A | |
| Date | 9/6/2024 | Cust. Supt. Name | RON | |
| Customer Name | D & M Civil Inc | Pick Tks# | 35358 | 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) : 7:00:00 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 2

Crew Members Names :

| | | | |
|---------|--------|-----|-----|
| DAVID S | PAUL C | 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 # 30 Shot Time (24hrs) 11:47 Shot VideoTaped: Y

Weather

Notes: SHOT #30
BLAST FOR BUILDING
ELEVATION IS 98 TO 104
DRILLED TO ELEVATION 95 TO 100

Weather Conditions: Sunny
Temp (°F): 65-75
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.: 53.24
Location of Structure: 1 BEAVER DAM RD Predicted Max Weigh/Delay: 122 Lbs Predicted PPV: 0.28
Measurement Google Map Dist. to Closest (Ft) Structure 588 Railroad/Highway 397 Overhead Util 592 Underground Util 592

Pay Quantities

Pay Calculations Notes

Fire Detail # of Hrs: 8
Pay Square Area 2793 Feet
N/A N/A
N/A N/A

7 X 10.5 X 38 HOLES = 2793 SQ FT

Shot Info

Configuration

1 - Open

Total Drill Depth(Ft) 912.00 Total SqFt 2793.00 Avg Powder 1.41 Lbs/Cyd Total Product Weight (Lbs) : 3501
Total Tons N/A Total Yards 2482.67 Factor 0.71 Cyd/Lbs Avg Weight / Hole (Lbs): 92.13

Cal Method Pattern
Holes 38 # Loaded Holes 38 Cover Used/No Blast 35
AVG Min Max
Drill Depth 24 Stone Weight N/A /Cyd Top Stemming 6 Min 10 Max
Burden(Feet) 7.00 Feet Type of Terrain Flat/Sloped Charges/Hole 1 Min 1 Max
Spacing (Feet) 10.50 Feet Type of Rock Granite Deck Stemming 0 Min 0 Max
Hole Diameter 3.50 Stemming Type 3/8" Crushed Stone Charge Wgt/Deck 42 Min 122 Max
OverBurden (Ft) 2 Height of Face 0.00 Depth of Water 0.00 Min 2.00 Max
Control Row Taped Y Angled Holes /Face Bermed N/Y Laser/BoreTracking N

Total Pounds 3500.64 Lbs

Type Of Initiation: **Electronic**

| Product # | Desc | Density | Wgt |
|-----------------|-------------------|---------|-------------|
| QR743G | TITAN 1000 LD (G) | 1.25 | 3452.00 Lbs |
| BA BULK Totals: | | N/A | 3452.00 Lbs |

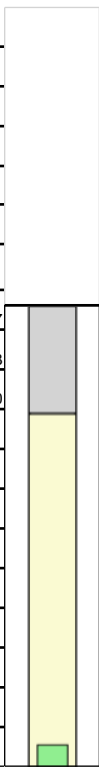
| Product # | Desc | Qty | Length |
|--------------------|------------------------------------|-----|--------|
| DS44050A | DIGISHOT DETONATOR 50FT/15.2 60/CS | 76 | |
| DETS DHOLE Totals: | | 76 | |

| Product # | Desc | Qty | Wgt |
|------------------|------------------------------|-----|-----------|
| TR0350 | TROJAN SHIELD "S" 350G 49/CS | 76 | 48.64 Lbs |
| BOOSTERS Totals: | | 76 | 48.64 Lbs |

Descriptor: MAX/LBS

| Elevation | Feet |
|-------------------------|--------------|
| Brench (ft) | N/A |
| Floor (ft) | N/A |
| Overburden (ft) | 0.00 |
| Sub Drilling(ft) | 3.00 |
| Total Depth (ft) | 30.00 |

| | |
|------------------------------|----|
| Stemming Stones | 7 |
| TITAN 1000 LD (G) | 23 |
| TROJAN SHIELD "S" 350G 49/CS | 0 |
| N/A | |
| 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:122

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 | 0.053 | 33.0 | 123.4 | 688 | 39 |
| DAVID S | MANCHESTER ATHLETIC CLUB | 42°35'30.75"N | 10755 | Triggered | 0.144 | 39.4 | 115.3 | 812 | 139 |
| MARCUS K | 27 MILL ST | 42.592791 N | 10883 | Triggered | 0.260 | 26.9 | 110.9 | 710 | 203 |
| MARCUS K | MEDICAL BUILDING | 42.590592 N | 10260 | Threshold Not Met | N/A | N/A | N/A | 1273 | N/A |