



Blast Report



Job#	103-03-01462	Cust. PO#	N/A	
Date	8/30/2024	Cust. Supt. Name	RON	
Customer Name	D & M Civil Inc	Pick Tkts#	32955	N/A
Job Address	Cell Signaling Site D & M Civil Inc By The Sea		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

Post Shift Insp.Time (24hrs): 3:00:00 PM PROPERTY DAMAGE

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

Signature: _____ MOVE ALL MOVEABLES



Weather Comments:
SUNNY

No. of Crew Members	<u>3</u>		
Crew Members Names :			
DAVID S	TRAVIS D	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 # 26 Shot Time (24hrs) 10:23 Shot VideoTaped: Y

Weather

Notes: SHOT #26
BLAST FOR DRAIN, MANHOLE, CATCH BASIN

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

Preblast

Blast Direction: East Max Holes/Delay: 3 Predicted K Factor: 242
Blast Location: DRAIN/MANHOLE/CATCH BASIN Slope: -1.6 Scale Dist.: 39.84
Location of Structure: 1 BEAVER DAM RD Predicted Max Weigh/Delay: 75 Lbs Predicted PPV: 0.67
Measurement Google Map Dist. to Closest (Ft) Structure 345 Railroad/Highway 560 Overhead Util 402 Underground Util 402

Pay Quantities

Pay Calculations Notes

Fire Detail # of Hrs: 8
Pay Square Area 2961 Feet
N/A N/A
N/A N/A

7 X 9 X 47 HOLES = 2961 SQ FT

Shot Info

Configuration

1 - Open

Total Drill Depth(Ft)	<u>705.00</u>	Total SqFt	<u>2961.00</u>	Avg Powder	<u>1.11</u> Lbs/Cyd	Total Product Weight (Lbs) :	<u>1832</u>
Total Tons	<u>N/A</u>	Total Yards	<u>1645.00</u>	Factor	<u>0.90</u> Cyd/Lbs	Avg Weight / Hole (Lbs):	<u>38.98</u>

Cal Method	Pattern							
# Holes	<u>47</u>	# Loaded Holes	<u>47</u>	Cover Used/No Blast	<u>35</u>			
	AVG	Min	Max					
Drill Depth	<u>15</u>	<u>12</u>	<u>16</u>	Stone Weight	<u>N/A</u> /Cyd	Top Stemming	<u>6</u> Min	<u>9</u> Max
Burden(Feet)	<u>7</u> Feet	<u>7</u>	<u>7</u>	Type of Terrain	<u>Flat</u>	Charges/Hole	<u>1</u> Min	<u>1</u> Max
Spacing (Feet)	<u>9</u> Feet	<u>9</u>	<u>9</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>26</u> Min	<u>53</u> Max
OverBurden (Ft)	<u>4</u>	<u>0</u>	<u>7</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 1832.00 Lbs

Type Of Initiation: **Non-Electric**

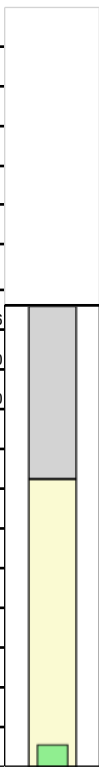
Product #	Desc	Density	Wgt
QR743G	TITAN 1000 LD (G)	1.25	1793.00 Lbs
BA BULK Totals:		N/A	1793.00 Lbs
Product #	Desc	Qty	Wgt
SP0350	TROJAN SPARTAN 350G BOOSTER 49/CS	52	39.00 Lbs
BOOSTERS Totals:		52	39.00 Lbs

Product #	Desc	Qty	Length
DXABZ629	NONEL EZDET 25/350 30FT ZCOMP 40/CS	52	
DETS DHOLE Totals:		52	
Product #	Desc	Qty	Length
DJ25025	NONEL LEADLINE 2500FT/762M 2/CS	1	1500
LINES Totals:		1	
Product #	Desc	Qty	Length
DY17Z820ME	NONEL EZTL CPZ 17 MS 20/FT 60/120/CS	20	
DY25Z812ME	NONEL EZTL CPZ 25 MS 12FT 90/180/CS	39	
SURF DELAY Totals:		59	

Descripton: MAX/LBS

Elevation	Feet
Brench (ft)	N/A
Floor (ft)	N/A
Overburden (ft)	0
Sub Drilling(ft)	3
Total Depth (ft)	16.00

Stemming Stones	6
TITAN 1000 LD (G)	10
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	
N/A	



Seismographs

Actual Max Weight/Delay:75

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	0.11	40.2	126.2	345	40
DAVID S	MANCHESTER ATHLETIC CLUB	42°35'30.75"N	10755	Threshold Not Met	N/A	N/A	N/A	946	N/A
MARCUS K	27 MILL ST	42.592791 N	10883	Triggered	0.095	32.0	104.9	913	164
MARCUS K	MEDICAL BUILDING	42.590592 N	10260	Threshold Not Met	N/A	N/A	N/A	1318	N/A