



Blast Report



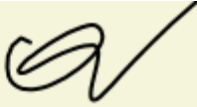
Job#	1202237100	Cust. PO#	N/A	
Date	12/16/2024	Cust. Supt. Name	RON	
Customer Name	D & M Civil Inc	Pick Tkts#	34565	N/A
Job Address	Cell Signaling Site D & M Civil Inc By The Sea	N/A	N/A	N/A
		N/A	N/A	N/A

State MA Permit No. _____ Identify Hazards

Pre Shift Insp. Time (24hrs) : 7:00:00 AM FLY ROCK
 Post Shift Insp. Time (24hrs): 3:00:00 PM

Blaster : Swaby; Hoip 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 # 12 Shot Time (24hrs) 10:15 Shot VideoTaped: Y

Weather

Notes: SHOT #12
SHOT FOR SLOPE AT ROAD

Weather Conditions: Cloudy
Temp (°F): 45-55
Wind Direction: North
Wind Spd: 5-10 MPH

Preblast

Blast Direction: South Max Holes/Delay: 1 Predicted K Factor: 160
Blast Location: SLOPE AT ROAD Slope: -1.6 Scale Dist.: 55.65
Location of Structure: 1 BEAVER DAM ROAD Predicted Max Weigh/Delay: 22 Lbs Predicted PPV: 0.26
Measurement GPS Dist. to Closest (Ft) 261 Structure 261 Railroad/Highway 807 Overhead Util 215 Underground Util 215

Pay Quantities

Pay Calculations Notes

Fire Detail # of Hrs: 8
Pay Square Area 756 Feet
N/A N/A
N/A N/A

6 X 7 X 18 HOLES = 756 SQ FT

Shot Info

Configuration

1 - Open

Total Drill Depth(Ft)	<u>216.00</u>	Total SqFt	<u>756.00</u>	Avg Powder	<u>1.10</u> Lbs/Cyd	Total Product Weight (Lbs) :	<u>370</u>
Total Tons	<u>N/A</u>	Total Yards	<u>336.00</u>	Factor	<u>0.91</u> Cyd/Lbs	Avg Weight / Hole (Lbs):	<u>20.56</u>

Cal Method	Pattern						
# Holes	<u>18</u>	# Loaded Holes	<u>18</u>	Cover Used/No Blast	<u>30</u>		
	AVG	Min	Max				
Drill Depth	<u>12</u>	<u>11</u>	<u>13</u>	Stone Weight	<u>N/A</u> /Cyd	Top Stemming	<u>6</u> Min <u>7</u> Max
Burden(Feet)	<u>6</u> Feet	<u>6</u>	<u>6</u>	Type of Terrain	<u>Flat/Sloped</u>	Charges/Hole	<u>1</u> Min <u>1</u> Max
Spacing (Feet)	<u>7</u> Feet	<u>7</u>	<u>7</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>19</u> Min <u>22</u> Max
OverBurden (Ft)	<u>0</u>	<u>0</u>	<u>0</u>	Height of Face	<u>0</u>	Depth of Water	<u>0</u> Min <u>0</u> Max
Control Row Taped	<u>Y</u>	Angled Holes /Face Bermed	<u>N/Y</u>	Laser/BoreTracking	<u>N</u>		

Total Pounds 369.57 Lbs

Type Of Initiation: **Non-Electric**

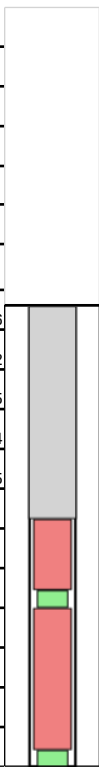
Product #	Desc	Qty	Wgt
QD51427516	Blastex 2 3/4 X 16 38lbs/Cs 9/Stks	81	341.82 Lbs
BAPACKAGED Totals:		81	341.82 Lbs
Product #	Desc	Qty	Wgt
SP0350	TROJAN SPARTAN 350G BOOSTER 49/CS	37	27.75 Lbs
BOOSTERS Totals:		37	27.75 Lbs

Product #	Desc	Qty	Length
DXABZ623	NONEL EZDET 25/350 24FT ZCOMP 60/CS	37	
DETS DHOLE Totals:		37	
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	9	
DY25Z812ME	NONEL EZTL CPZ 25 MS 12FT 90/180/CS	21	
SURF DELAY Totals:		30	

Descriptor: MAX/LBS

Elevation	Feet
Brench (ft)	N/A
Floor (ft)	N/A
Overburden (ft)	0
Sub Drilling(ft)	2
Total Depth (ft)	13.00

Stemming Stones	6
Blastex 2 3/4 X 16 38lbs/Cs 9/Stks	2
TROJAN SPARTAN 350G BOOSTER 49/CS	0.5
Blastex 2 3/4 X 16 38lbs/Cs 9/Stks	4
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:22

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	1 BEAVER DAM ROAD	42°35'38.59"N	10292	Triggered	0.121	34.1	116.8	261	75
H SWABY	MANCHESTER ATHLETIC CLUB	42°35'39.26"N	10289	Triggered	0.058	52.5	109.8	888	255
H SWABY	27 MILL ST	42.590592 N	10883	Triggered	0.060	36.5	101.9	1084	363
H SWABY	MEDICAL BUILDING	42.592791 N	10260	Threshold Not Met	N/A	N/A	N/A	1179	N/A