



Blast Report



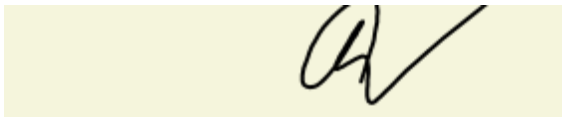
Job#	1202237100	Cust. PO#	N/A	
Date	12/13/2024	Cust. Supt. Name	RON	
Customer Name	D & M Civil Inc	Pick Tks#	MDSO34564	N/A
Job Address	Cell Signaling Site D & M Civil IncBy The Sea		N/A	N/A
			N/A	N/A

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:

SUNNY

No. of Crew Members	<u>2</u>		
Crew Members Names :			
BOBBY B	<u>SPENCER G</u>	<u>N/A</u>	<u>N/A</u>
N/A	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>
N/A	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>

Seismograph Monitoring Plan (Not to Scale):



Shot # 11 Shot Time (24hrs) 10:41 Shot VideoTaped: Y

Weather

Notes: SHOT #11
SHOT FOR WATERLINE & ROAD

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

Preblast

Blast Direction: West Max Holes/Delay: 2.00 Predicted K Factor: 160
Blast Location: WATERLINE/ROAD Slope: -1.60 Scale Dist.: 80.33
Location of Structure: 1 BEAVER DAM RD Predicted Max Weigh/Delay: 50 Lbs Predicted PPV: 0.14
Measurement GPS Dist. to Closest (Ft) Structure 568 Railroad/Highway 210 Overhead Util 700 Underground Util 700

Pay Quantities

Pay Calculations Notes

Fire Detail # of Hrs: 8
Pay Square Area 1968.00 Feet
N/A N/A
N/A N/A

6 X 8 X 41 HOLES = 1968 SQ FT

Shot Info

Configuration

1 - Open

Total Drill Depth(Ft)	<u>533.00</u>	Total SqFt	<u>1968.00</u>	Avg Powder	<u>1.58</u> Lbs/Cyd	Total Product Weight (Lbs) :	<u>1501</u>
Total Tons	<u>N/A</u>	Total Yards	<u>947.56</u>	Factor	<u>0.63</u> Cyd/Lbs	Avg Weight / Hole (Lbs):	<u>36.61</u>

Cal Method	Pattern							
# Holes	<u>41</u>	# Loaded Holes	<u>41</u>	Cover Used/No Blast	<u>30</u>			
	AVG	Min	Max					
Drill Depth	<u>13.00</u>	<u>13.00</u>	<u>13.00</u>	Stone Weight	<u>N/A</u> /Cyd	Top Stemming	<u>6.00</u> Min	<u>8.00</u> Max
Burden(Feet)	<u>6.00</u> Feet	<u>6.00</u>	<u>6.00</u>	Type of Terrain	<u>Flat/Sloped</u>	Charges/Hole	<u>1</u> Min	<u>1</u> Max
Spacing (Feet)	<u>8.00</u> Feet	<u>8.00</u>	<u>8.00</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>26</u> Min	<u>37</u> Max
OverBurden (Ft)	<u>1.00</u>	<u>0.00</u>	<u>4.00</u>	Height of Face	<u>0.00</u>	Depth of Water	<u>0.00</u> Min	<u>2.00</u> Max
Control Row Taped	<u>Y</u>			Angled Holes /Face Bermed	<u>N/Y</u>	Laser/BoreTracking	<u>N</u>	

Total Pounds 1500.75 Lbs

Type Of Initiation: Non-Electric

Product #	Desc	Density	Wgt	Lbs
QR743G	TITAN 1000 LD (G)	1.25	1470.00	Lbs
BA BULK Totals:		N/A	1470.00	Lbs

Product #	Desc	Qty	Length
DXABZ623	NONEL EZDET 25/350 24FT ZCOMP 60/CS	41.00	
DETS DHOLE Totals:		41.00	

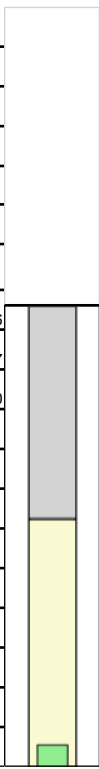
Product #	Desc	Qty	Wgt	Lbs
SP0350	TROJAN SPARTAN 350G BOOSTER 49/CS	41.00	30.75	Lbs
BOOSTERS Totals:		41.00	30.75	Lbs

Product #	Desc	Qty	Length
DY17Z820ME	NONEL EZTL CPZ 17 MS 20/FT 60/120/CS	10.00	
DY25Z812ME	NONEL EZTL CPZ 25 MS 12FT 90/180/CS	42.00	
SURF DELAY Totals:		52.00	

Descriptor: MAX/LBS

Elevation	Feet
Brench (ft)	N/A
Floor (ft)	N/A
Overburden (ft)	1.00
Sub Drilling(ft)	3.00
Total Depth (ft)	13.00

Stemming Stones	6
TITAN 1000 LD (G)	7
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:50

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 RD	42°35'30.75"N	10292	Threshold Not Met	N/A	N/A	N/A	568	N/A
H SWABY	MANCHESTER ATHLETIC CLUB	42°35'39.26"N	10289	Threshold Not Met	N/A	N/A	N/A	1239	N/A
H SWABY	27 MILL ST	42.590592 N	10883	Triggered	0.065	32.0	112.0	848	138
H SWABY	MEDICAL BUILDING	42.592791 N	10260	Threshold Not Met	N/A	N/A	N/A	1698	N/A