



Blast Report



Job#	1202237100	Cust. PO#	N/A
Date	12/19/2024	Cust. Supt. Name	RON

Customer Name	D & M Civil Inc	Pick Tks#	34568	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:
PARTLY CLOUDY

No. of Crew Members	<u>1</u>		
Crew Members Names :			
BOBBY B	<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>
N/A	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>

Seismograph Monitoring Plan (Not to Scale):



Shot # 15 Shot Time (24hrs) 10:46 Shot VideoTaped: Y

Weather

Notes: SHOT #15
SHOT FOR WATER, LIGHT POLE BASE, AND BATTERY PAD

Weather Conditions: Partly Cloudy
Temp (°F): 50-60
Wind Direction: North
Wind Spd: 5 - 10 MPH

Preblast

Blast Direction: South-East Max Holes/Delay: 1 Predicted K Factor: 242
Blast Location: WATER/LIGHT POLE BASE Slope: -1.6 Scale Dist.: 128.46
Location of Structure: 27 MILL ST Predicted Max Weight/Delay: 18 Lbs Predicted PPV: 0.10
Measurement GPS Dist. to Closest (Ft) Structure 545 Railroad/Highway 178 Overhead Util 664 Underground Util 664

Pay Quantities

Fire Detail # of Hrs: 8

Pay Calculations Notes

Pay Square Area 1505 Feet
N/A N/A N/A
N/A N/A N/A

(5 X 7 X 31 HOLES) + (5 X 6 X 14 HOLES) = 1505 SQ FT

Shot Info

Configuration	1 - Trench				2 - Open			
Loaction	WATER/LIGHT POLE BASE				BATTERY PAD			
Cal Method	Pattern				Pattern			
# Holes	31	#Loaded Holes		31	14	#Loaded Holes		14
Cover Used/No	Blast Mats	22			Blast Mats	8		
	AVG		Min	Max	AVG		Min	Max
Drill Depth	11	Feet	11	11	11	Feet	11	11
Burden	5	Feet	5	5	5	Feet	5	5
Spacing	7	Feet	7	7	6	Feet	6	6
Hole Diameter	3.5	Inches	3.5	3.5	3.5	Inches	3.5	3.5
OverBurden (Ft)	2		0	5	3		3	5
Dimensional	N/A		N/A		N/A		N/A	
Stone Weight	N/A	Tons/Cyd			N/A	Tons/Cyd		
Type of Terrain	Flat/Sloped				Flat/Sloped			
Type of Rock	Granite				Granite			
Stemming Type	1" Crushed Stone				3/8" Crushed Stone			
Top Stemming	5	Min	7	Max	5	Min	7	Max
Charges Per Hole	1	Min	1	Max	1	Min	1	Max
Deck Stemming	0	Min	0	Max	0	Min	0	Max
Charge Wgt/Deck	9	Min	17	Max	7	Min	12	Max
Depth of Water	0	Min	0	Max	0	Min	0	Max
Height of Face	0				0			
Angled Holes /Face Bermed	N/Y				N/Y			
Laser/BoreTracking	N				N			
Control Row Taped	Y				Y			
Type Of Initiation	Non-Electric				Non-Electric			
Total Drill Depth	341.00 Feet				154.00 Feet			
Total Sq Area	1085.00 Feet				420.00 Feet			
Total Cubic Vol.	442.04 Yards				171.11 Yards			
Total Weight	N/A US Tons				N/A US Tons			
Total Product Wgt:	413 Lbs				126 Lbs			
Avg Weight/Hole :	13.32 Lbs				9.00 Lbs			
Avg Powder Factor:	0.93 Lbs/Cyd		1.07 Cyd/Lbs		0.74 Lbs/Cyd		1.36 Cyd/Lbs	

Product #	Desc	Totals:	Configuraton 1		Configuraton 2		Shot Total	
			Qty	Wgt	Qty	Wgt	Qty	Wgt
			134	412.80	43	125.94	177	538.74
QD51427516	Blastex 2 3/4 X 16 38lbs/Cs 9/Stks		90	379.80	27	113.94	117	493.74
BAPACKAGED Totals:			90	379.80	27	113.94	117	493.74
SP0350	TROJAN SPARTAN 350G BOOSTER 49/CS		44	33.00	16	12.00	60	45.00
BOOSTERS Totals:			44	33.00	16	12.00	60	45.00

Product #	Desc	Totals:	Configuraton 1		Configuraton 2		Shot Total	
			Qty	Length	Qty	Length	Qty	Length
DXABZ623	NONEL EZDET 25/350 24FT ZCOMP 60/CS		44		16		60	
DETS DHOLE Totals:			44		16		60	

Product #	Desc	Totals:	Configuraton 1		Configuraton 2		Shot Total	
			Qty	Length	Qty	Length	Qty	Length
DJ25025	NONEL LEADLINE 2500FT/762M 2/CS		1	500			1	500
LINES Totals:			1				1	

Product #	Desc	Totals:	Configuraton 1		Configuraton 2		Shot Total	
			Qty	Length	Qty	Length	Qty	Length
DY17Z820ME	NONEL EZTL CPZ 17 MS 20/FT 60/120/CS		12		10		22	
DY25Z812ME	NONEL EZTL CPZ 25 MS 12FT 90/180/CS		23		10		33	
SURF DELAY Totals:			35		20		55	

Descripton: MAX/LBS

Elevation	Feet
Brench (ft)	N/A
Floor (ft)	N/A
Overburden (ft)	2
Sub Drilling(ft)	2
Total Depth (ft)	11.0
Stemming Stones	5
Blastex 2 3/4 X 16 38lbs/Cs 9/Stks	2.5
TROJAN SPARTAN 350G BOOSTER 49/CS	0.5
Blastex 2 3/4 X 16 38lbs/Cs 9/Stks	2.5
TROJAN SPARTAN 350G BOOSTER 49/CS	0.5
N/A	
N/A	
N/A	
N/A	
N/A	
N/A	
N/A	
N/A	

Descripton: MAX/LBS

Elevation	Feet
Brench (ft)	N/A
Floor (ft)	N/A
Overburden (ft)	3
Sub Drilling(ft)	2
Total Depth (ft)	11.0
Stemming Stones	5
Blastex 2 3/4 X 16 38lbs/Cs 9/Stks	2.5
TROJAN SPARTAN 350G BOOSTER 49/CS	0.5
Blastex 2 3/4 X 16 38lbs/Cs 9/Stks	2.5
TROJAN SPARTAN 350G BOOSTER 49/CS	0.5
N/A	
N/A	
N/A	
N/A	
N/A	
N/A	
N/A	
N/A	

Seismographs

Operator Name	Location of Seis	GPS Location	Seis #	Monitor Log Status	Actual Max Weight/Delay:18 Lbs				
					Actual PPV	Actual PPV Freq.	Actual db	Actual Dist. (ft)	Actual K Factor
H SWABY	27 MILL ST	42.590592 N	10883	Triggered	0.085	30.1	109.9	545	201
H SWABY	MANCHESTER ATHLETIC CLUB	42°35'39.26"N	10289	Triggered	0.065	35.9	110.7	686	222
H SWABY	1 BEAVER DAM ROAD	42°35'38.59"N	10292	Threshold Not Met	N/A	N/A	N/A	599	N/A
H SWABY	MEDICAL BUILDING	42.592791 N	10260	Threshold Not Met	N/A	N/A	N/A	1334	N/A