



Blast Report



Job#	1202237100	Cust. PO#	N/A	
Date	1/15/2025	Cust. Supt. Name	MATT	
Customer Name	D & M Civil Inc	Pick Tkts#	34578	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 FLYROCK

Pre Shift Insp.Time (24hrs) : 7:00:00 AM

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

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

License #: 007151

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 # 22 Shot Time (24hrs) 12:00 Shot VideoTaped: Y

Weather

Notes: SHOT #22
SHOT FOR WATER & DRAIN & BOULDERS

Weather Conditions: Partly Cloudy
Temp (°F): 45-50
Wind Direction: North
Wind Spd: 1 - 5 MPH

Preblast

Blast Direction: South Max Holes/Delay: 2 Predicted K Factor: 160
 Blast Location: WATER/DRAIN Slope: -1.6 Scale Dist.: 400.00
 Location of Structure: MANCHESTER ATHLETIC CLUB Predicted Max Weight/Delay: 1 Lbs Predicted PPV: 0.01
 Measurement GPS Dist. to Closest (Ft) Structure 400 Railroad/Highway 316 Overhead Util 462 Underground Util 462

Pay Quantities

Fire Detail # of Hrs: 8

Pay Calculations Notes

Pay Square Area 714 Feet
N/A N/A
N/A N/A

(4 X 7 X 21 HOLES) + (3 X 3 X 14 HOLES) = 714 SQ FT

Shot Info

Configuration	1 - Open				2 - Boulders			
Loaction	WATER/DRAIN				BOULDERS			
Cal Method	Pattern				Pattern			
# Holes	21	#Loaded Holes	21		14	#Loaded Holes	14	
Cover Used/No	Blast Mats	20			Blast Mats	10		
	AVG		Min	Max	AVG		Min	Max
Drill Depth	14	Feet	14	14	3	Feet	3	3
Burden	4	Feet	4	4	3	Feet	3	3
Spacing	7	Feet	7	7	3	Feet	3	3
Hole Diameter	3.5	Inches	3.5	3.5	3.5	Inches	3.5	3.5
OverBurden (Ft)	4		1	7	0		0	0
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	3/8" Crushed Stone				3/8" Crushed Stone			
Top Stemming	6	Min	8	Max	3	Min	3	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	15	Min	20	Max	0.75	Min	1	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	294.00 Feet				42.00 Feet			
Total Sq Area	588.00 Feet				126.00 Feet			
Total Cubic Vol.	304.89 Yards				14.00 Yards			
Total Weight	N/A US Tons				N/A US Tons			
Total Product Wgt:	339 Lbs				11 Lbs			
Avg Weight/Hole :	16.14 Lbs				0.79 Lbs			
Avg Powder Factor:	1.11 Lbs/Cyd		0.90 Cyd/Lbs		0.79 Lbs/Cyd		1.27 Cyd/Lbs	

Product #	Desc	Totals:	Configuraton 1		Configuraton 2		Shot Total	
			Qty	Wgt	Qty	Wgt	Qty	Wgt
			142	338.70	14	10.50	156	349.20
QD51425016	Blastex 2 1/2 X 16 40lbs/Cs 12/Stks		90	299.70			90	299.70
BAPACKAGED Totals:			90	299.70			90	299.70
SP0350	TROJAN SPARTAN 350G BOOSTER 49/CS		52	39.00	14	10.50	66	49.50
BOOSTERS Totals:			52	39.00	14	10.50	66	49.50

Product #	Desc	Totals:	Configuraton 1		Configuraton 2		Shot Total	
			Qty	Length	Qty	Length	Qty	Length
DXABZ623	NONEL EZDET 25/350 24FT ZCOMP 60/CS		52		14		66	
DETS DHOLE Totals:			52		14		66	

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		18				18	
DY25Z812ME	NONEL EZTL CPZ 25 MS 12FT 90/180/CS		13		20		33	
SURF DELAY Totals:			31		20		51	

Descripton: MAX/LBS	
Elevation	Feet
Brench (ft)	N/A
Floor (ft)	N/A
Overburden (ft)	4
Sub Drilling(ft)	3
Total Depth (ft)	14.0
Stemming Stones	6
Blastex 2 1/2 X 16 40lbs/Cs 12/Stks	3.5
TROJAN SPARTAN 350G BOOSTER 49/CS	0.5
Blastex 2 1/2 X 16 40lbs/Cs 12/Stks	3.5
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)	0
Sub Drilling(ft)	0
Total Depth (ft)	3.00
Stemming Stones	3
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	

Seismographs

Operator Name	Location of Seis	GPS Location	Seis #	Monitor Log Status	Actual Max Weight/Delay:20 Lbs				
					Actual PPV	Actual PPV Freq.	Actual db	Actual Dist. (ft)	Actual K Factor
H SWABY	MANCHESTER ATHLETIC CLUB	42°35'39.26"N	10289	Triggered	0.192	64.0	120.5	400	255
H SWABY	1 BEAVER DAM RD	42°35'38.59"N	10292	Threshold Not Met	N/A	N/A	N/A	890	N/A
H SWABY	27 MILL ST	42.590592 N	10883	Triggered	0.060	32.0	105.5	545	130
H SWABY	MEDICAL BUILDING	42.592791 N	10260	Threshold Not Met	N/A	N/A	N/A	943	N/A