



Blast Report



Job#	1202237100	Cust. PO#	N/A	
Date	1/10/2025	Cust. Supt. Name	MATT	
Customer Name	D & M Civil Inc	Pick Tkts#	34576	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 2

Crew Members Names :

BOBBY B	SPENCER G	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 # 20 Shot Time (24hrs) 11:32 Shot VideoTaped: Y

Weather

Notes: SHOT #20
SHOT FOR WATER & DRAIN

Weather Conditions: Partly Cloudy
Temp (°F): 35-45
Wind Direction: North
Wind Spd: 5 - 15 MPH

Preblast

Blast Direction: South Max Holes/Delay: 2 Predicted K Factor: 160
Blast Location: WATER/DRAIN Slope: -1.6 Scale Dist.: 55.33
Location of Structure: MANCHESTER ATHLETIC CLUB Predicted Max Weight/Delay: 32 Lbs Predicted PPV: 0.26
Measurement GPS Dist. to Closest (Ft) Structure 313 Railroad/Highway 395 Overhead Util 373 Underground Util 373

Pay Quantities

Fire Detail # of Hrs: 8

Pay Calculations Notes

Pay Square Area 1225 Feet
N/A N/A N/A
N/A N/A N/A

(4 X 7 X 15 HOLES) + (5 X 7 X 23 HOLES) = 1225 SQ FT

Shot Info

Configuration	1 - Open				2 - Open			
Loaction	WATER/DRAIN				WATER/DRAIN			
Cal Method	Pattern				Pattern			
# Holes	15	#Loaded Holes		15	23	#Loaded Holes		23
Cover Used/No	Blast Mats	12			Blast Mats	18		
	AVG		Min	Max	AVG		Min	Max
Drill Depth	13	Feet	13	13	16	Feet	16	16
Burden	4	Feet	4	4	5	Feet	5	5
Spacing	7	Feet	7	7	7	Feet	7	7
Hole Diameter	3.5	Inches	3.5	3.5	3.5	Inches	3.5	3.5
OverBurden (Ft)	5		2	7	5		2	6
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	5	Min	8	Max	6	Min	8	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	13	Min	16	Max	12	Min	25	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	195.00 Feet				368.00 Feet			
Total Sq Area	420.00 Feet				805.00 Feet			
Total Cubic Vol.	202.22 Yards				477.04 Yards			
Total Weight	N/A US Tons				N/A US Tons			
Total Product Wgt:	222 Lbs				415 Lbs			
Avg Weight/Hole :	14.80 Lbs				18.04 Lbs			
Avg Powder Factor:	1.10 Lbs/Cyd		0.91 Cyd/Lbs		0.87 Lbs/Cyd		1.15 Cyd/Lbs	

Product #	Desc	Totals:	Configuraton 1		Configuraton 2		Shot Total	
			Qty	Wgt	Qty	Wgt	Qty	Wgt
QD51425016	Blastex 2 1/2 X 16 40lbs/Cs 12/Stks		60	199.80	114	379.62	174	579.42
BAPACKAGED Totals:			60	199.80	114	379.62	174	579.42
SP0350	TROJAN SPARTAN 350G BOOSTER 49/CS		30	22.50	47	35.25	77	57.75
BOOSTERS Totals:			30	22.50	47	35.25	77	57.75

Product #	Desc	Totals:	Configuraton 1		Configuraton 2		Shot Total	
			Qty	Length	Qty	Length	Qty	Length
DXABZ623	NONEL EZDET 25/350 24FT ZCOMP 60/CS		30		47		77	
DETS DHOLE Totals:			30		47		77	

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
DY17Z812ME	NONEL EZTL CPZ 17 MS 12FT 90/180/CS		14		10		24	
DY25Z812ME	NONEL EZTL CPZ 25 MS 12FT 90/180/CS		2		2		4	
SURF DELAY Totals:			16		12		28	

Descripton: MAX/LBS	
Elevation	Feet
Brench (ft)	N/A
Floor (ft)	N/A
Overburden (ft)	5
Sub Drilling(ft)	3
Total Depth (ft)	12.0
Stemming Stones	5
Blastex 2 1/2 X 16 40lbs/Cs 12/Stks	2.5
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)	5
Sub Drilling(ft)	3
Total Depth (ft)	16.0
Stemming Stones	7
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	4.5
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:32 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	0.41	45.5	120.8	313	252
H SWABY	1 BEAVER DAM RD	42°35'38.59"N	10292	Triggered	0.060	31.5	101.3	886	195
H SWABY	27 MILL ST	42.590592 N	10883	Triggered	0.135	36.5	10.5	483	166
H SWABY	MEDICAL BUILDING	42.592791 N	10260	Threshold Not Met	N/A	N/A	N/A	857	N/A