



Blast Report



Job#	1202237100	Cust. PO#	N/A	
Date	1/14/2025	Cust. Supt. Name	MATT	
Customer Name	D & M Civil Inc	Pick Tks#	34577	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 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 # 21 Shot Time (24hrs) 11:00 Shot VideoTaped: Y

Weather

Notes: SHOT #21
SHOT FOR WATER & DRAIN

Weather Conditions: Partly Cloudy
Temp (°F): 45-50
Wind Direction: North
Wind Spd: 5 - 10 MPH

Preblast

Blast Direction: South Max Holes/Delay: 1 Predicted K Factor: 160
 Blast Location: WATER & DRAIN Slope: -1.6 Scale Dist.: 78.93
 Location of Structure: MANCHESTER ATHLETIC CLUB Predicted Max Weight/Delay: 20 Lbs Predicted PPV: 0.15
 Measurement Google Map Dist. to Closest (Ft) Structure 353 Railroad/Highway 268 Overhead Util 425 Underground Util 425

Pay Quantities

Fire Detail # of Hrs: 8

Pay Calculations Notes

Pay Square Area 840 Feet
N/A N/A N/A
N/A N/A N/A

(4 X 7 X 15 HOLES) + (4 X 7 X 15 HOLES) = 840 SQ FT

Shot Info

Configuration	1 - Open				2 - Open			
Loaction	WATER & DRAIN				WATER & DRAIN			
Cal Method	Pattern				Pattern			
# Holes	15	#Loaded Holes		15	15	#Loaded Holes		15
Cover Used/No	Blast Mats	12			Blast Mats	12		
	AVG		Min	Max	AVG		Min	Max
Drill Depth	13	Feet	13	13	13	Feet	13	13
Burden	4	Feet	4	4	4	Feet	4	4
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)	3		2	5	3		2	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	3/8" Crushed Stone				3/8" Crushed Stone			
Top Stemming	6	Min	7	Max	6	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	15	Min	20	Max	15	Min	20	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				195.00 Feet			
Total Sq Area	420.00 Feet				420.00 Feet			
Total Cubic Vol.	202.22 Yards				202.22 Yards			
Total Weight	N/A US Tons				N/A US Tons			
Total Product Wgt:	266 Lbs				266 Lbs			
Avg Weight/Hole :	17.73 Lbs				17.73 Lbs			
Avg Powder Factor:	1.32 Lbs/Cyd		0.76 Cyd/Lbs		1.32 Lbs/Cyd		0.76 Cyd/Lbs	

Product #	Desc	Totals:	Configuraton 1		Configuraton 2		Shot Total	
			Qty	Wgt	Qty	Wgt	Qty	Wgt
			103	265.59	103	265.59	206	531.18
QD51425016	Blastex 2 1/2 X 16 40lbs/Cs 12/Stks		73	243.09	73	243.09	146	486.18
BAPACKAGED Totals:			73	243.09	73	243.09	146	486.18
SP0350	TROJAN SPARTAN 350G BOOSTER 49/CS		30	22.50	30	22.50	60	45.00
BOOSTERS Totals:			30	22.50	30	22.50	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		30		30		60	
DETS DHOLE Totals:			30		30		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
DY17Z812ME	NONEL EZTL CPZ 17 MS 12FT 90/180/CS		14		14		28	
DY25Z812ME	NONEL EZTL CPZ 25 MS 12FT 90/180/CS		8		7		15	
SURF DELAY Totals:			22		21		43	

Descripton: MAX/LBS

Elevation	Feet
Brench (ft)	N/A
Floor (ft)	N/A
Overburden (ft)	3
Sub Drilling(ft)	3
Total Depth (ft)	13.0
Stemming Stones	6
Blastex 2 1/2 X 16 40lbs/Cs 12/Stks	3
TROJAN SPARTAN 350G BOOSTER 49/CS	0.5
Blastex 2 1/2 X 16 40lbs/Cs 12/Stks	3
TROJAN SPARTAN 350G BOOSTER 49/CS	0.5
N/A	
N/A	
N/A	
N/A	
N/A	
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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	0.465	52.5	123.6	300	389
H SWABY	1 BEAVER DAM RD	42°35'38.59"N	10292	Triggered	0.071	27.7	102.0	871	327
H SWABY	27 MILL ST	42.590592 N	10883	Triggered	0.100	36.5	108.4	500	189
H SWABY	MEDICAL BUILDING	42.592791 N	10260	Threshold Not Met	N/A	N/A	N/A	N/A	N/A