

Shot # 4 Shot Time (24hrs) 12:38 Shot VideoTaped: Y

Weather

Notes:

SHOT #4
BLAST FOR BUILDING
ELEVATION IS 70-75
DRILLED TO ELEVATION 68-73

Weather Conditions: Cloudy
Temp (°F): 65-75
Wind Direction: North
Wind Spd: 1-5 MPH

Preblast

Blast Direction: West Max Holes/Delay: 1 Predicted K Factor: 160
Blast Location: BUILDING Slope: -1.6 Scale Dist.: 71.91
Location of Structure: 1 BEAVER DAM RD Predicted Max Weigh/Delay: 47 Lbs Predicted PPV: 0.17
Measurement GPS Dist. to Closest (Ft) Structure 493 Railroad/Highway 454 Overhead Util 454 Underground Util 454

Pay Quantities

Pay Calculations Notes

Fire Detail # of Hrs: 8
Pay Square Area 2592 Feet
N/A N/A N/A
N/A N/A N/A

6 X 8 X 54 HOLES = 2592 SQ FT

Shot Info

Configuration

1 - Open

Total Drill Depth(Ft)	702.00	Total SqFt	2592.00	Avg Powder	1.57 Lbs/Cyd	Total Product Weight (Lbs) :	1960
Total Tons	N/A	Total Yards	1248.00	Factor	0.64 Cyd/Lbs	Avg Weight / Hole (Lbs):	36.30
Cal Method	Pattern						
# Holes	54	# Loaded Holes	54	Cover Used/No Blast	30		
	AVG	Min	Max				
Drill Depth	13	11	14	Stone Weight	N/A /Cyd	Top Stemming	5 Min 7 Max
Burden(Feet)	6	6	6	Type of Terrain	Flat	Charges/Hole	1 Min 1 Max
Spacing (Feet)	8	8	8	Type of Rock	Granite	Deck Stemming	0 Min 0 Max
Hole Diameter	3.5	3.5	3.5	Stemming Type	3/8" Crushed Stone	Charge Wgt/Deck	26 Min 47 Max
OverBurden (Ft)	1	0	4	Height of Face	0	Depth of Water	0 Min 2 Max
Control Row Taped	Y			Angled Holes /Face Bermed	N/Y	Laser/BoreTracking	N

Total Pounds 1959.50 Lbs

Type Of Initiation: Non-Electric

Product #	Desc	Density	Wgt
QR743G	TITAN 1000 LD (G)	1.25	1919.00 Lbs
BA BULK Totals:		N/A	1919.00 Lbs
Product #	Desc	Qty	Wgt
SP0350	TROJAN SPARTAN 350G BOOSTER 49/CS	54	40.50 Lbs
BOOSTERS Totals:		54	40.50 Lbs

Product #	Desc	Qty	Length
DXABZ623	NONEL EZDET 25/350 24FT ZCOMP 60/CS	54	
DETS DHOLE Totals:		54	
Product #	Desc	Qty	Length
DJ25025	NONEL LEADLINE 2500FT/762M 2/CS	1	500
LINES Totals:		1	
Product #	Desc	Qty	Length
DY17Z820ME	NONEL EZTL CPZ 17 MS 20/FT 60/120/CS	5	
DY25Z812ME	NONEL EZTL CPZ 25 MS 12FT 90/180/CS	50	
SURF DELAY Totals:		55	

Description: MAX/LBS

Elevation	Feet
Brench (ft)	N/A
Floor (ft)	N/A
Overburden (ft)	0
Sub Drilling(ft)	3
Total Depth (ft)	14.00

Stemming Stones	5
TITAN 1000 LD (G)	9
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	

Seismographs**Actual Max Weight/Delay:47****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
DAVID S	1 BEAVER DAM RD	42°35'39.26"N	10289	Threshold Not Met	N/A	N/A	N/A	493	N/A
DAVID S	MANCHESTER ATHLETIC CLUB	42°35'30.75"N	10755	Triggered	0.097	34.1	114.0	781	189
DAVID S	27 MILL ST	42°35'25.27"N	10290	Threshold Not Met	N/A	N/A	N/A	958	N/A
DAVID S	28 MILL ST	42°35'25.58"N	10793	Threshold Not Met	N/A	N/A	N/A	1088	N/A