



==== BLAST REPORT ====

Westwood Quarries

Westwood Quarry

#1

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BLAST DETAILS

DATE: Tuesday, 11 August 2020	SHOTFIRER: CALVIN BELL	BLAST CREW: G.M	G.S	D.A	A.S		
CUSTOMER: Westwood Quarries	SHOT NUMBER: #1						
LOCATION: Westwood Quarry	FORZE JOB NUMBER: -						
SHCDEDULED INITIATION TIME: When Ready				ACTUAL INITIATION TIME: 2:30:00 PM			

BLAST INITIATION ON TIME:

BLAST PERAMETRES

MATERIALS TO BE BLASTED: DOLERITE				MATERIAL DENSITY: 2.9			
TIMING USED FOR BLAST HOLES: ms	BURDEN: 65ms	BACK ROW: 65ms	SPACING: 17ms	ms			
NUMBER OF HOLES: 171	BURDEN: 2.3 METERS			SPACING: 2.6 METERS			
AVE HOLE DEPTH: 8.9 METERS	HOLE DIAMETER: 89 MILIMETRES	HOLE ANGLE: 10 DEGREES					
STEMMING HEIGHT: 2.2 Mtrs	SUBDRILL DEPTH: N/A METERS	WET HOLE PERCENTAGE: 100 %					
BULK EXPLOSIVE TYPE(S): DYNAMIC 1600 EMULSION				POWDER FACTOR: g/cm			

BLAST TOTALS

TOTAL EXPLOSIVE USED: 9322 KGS	TOTAL BCM: 9,101.0 CUBIC METRES	TOTAL TONNAGE: 26,392.0 TONNES
TOE HOLES LOADED: 13	BURDEN: 2 Metres	SPACING: 2 Metres
AVERAGE HOLE DEPTH: 3.5 Metres	TOTAL BCM: 182 BCM	TOTAL TONNAGE: 528 Tonnes

ALTERATIONS TO PLAN

DUMMY HOLES: 0	BLOCKED HOLES: 0	NOT DRILLED: 0	DOUBLE PRIMED: 0	EXTRA PRIMED: 0
EXTRA HOLES: 0				

EXPLOSIVE USAGE:1

AMMONIUM NITRATE kg	DETONATOR CORD mtrs	ELECTRONIC DETONATORS
kg	Metres	Units

EXPLOSIVE USAGE:2

BULK EXPLOSIVES	DOWN HOLE DETONATORS	SURFACE DETONATORS
9295 KGS	184 UNITS	184 UNITS
PACKAGED	PRIMERS	ELECTRIC DETONATORS
	184 UNITS	

EXPLOSIVE CONSOLIDATION

CORRECT

WEATHER CONDITIONS

3:00 AM	4:00 AM	5:00 AM	6:00 AM	7:00 AM	8:00 AM	9:00 AM	10:00 AM	11:00 AM	12:00 PM
				FINE	FINE	FINE	FINE	FINE	FINE
1:00 PM	2:00 PM	3:00 PM	4:00 PM	5:00 PM	6:00 PM	7:00 PM	8:00 PM	12:00 PM	10:00 PM
FINE	FINE								

BLAST ENVIRONMENTAL RESULTS

VERTICAL FLYROCK: NONE

HORIZONTAL FLYROCK: NONE

MONITOR #1 OVER PRESSURE: See Report

GROUND VIBRATION: See Report

MONITOR #2 OVER PRESSURE: N/A

GROUND VIBRATION: N/A

MONITOR #3 OVER PRESSURE: N/A

GROUND VIBRATION: N/A

FUME LEVEL: None

CUSTOMER REQUIREMENT EVALUATION

FRAGMENTATION ACHIEVED: Yes, excellent fragmentation throughout blast

BLAST PROFILE ACHIEVED: yes

MATERIAL POSITION ACHIEVED: yes threw forward well

COMMENTS: great result

PICTURES

