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DEPT. OF THE ENVIRONMENT

OCT 15 2002

YARMOUTH DISTRICT
OFFICE
YARMOUTH, N.S.**BLAST DESIGN**

LOCATION:	Whites Point Quarry
BLAST #:	Test
NUMBER OF HOLES	50
HOLE DIAMETER	4"
HOLE DEPTH	16' to 26'
SUB DRILL:	3'
BURDEN:	8'
SPACING:	8'
MAX LBS/DELAY	85.5 lb
COLLAR:	6'
TYPE OF EXPLOSIVES:	Apex Super 4000, 75mm x 400mm toe load, 9 lbs/hole. Amex 11 Column load
PRIMERS:	90 gram
DETONATORS:	Handidet 25/500ms
TOTAL WT OF EXPLOSIVES:	3015 lbs
TOTAL TONNES BLASTED:	4,123.8 tonnes

NOTE: Collar of holes to be stemmed with crushed stone.

ARCHIBALD DRILLING & BLASTING

WHITES POINT QUARRY

Pattern 8 x 8 ft = 4.74 tonne per ft of bore hole 4 in
 Subdrill 3 ft included = 150 ft
 4.74 x 870 = 4,123.8 Tonne
 Total ft loaded = 720 ft
 Total wt of explosives = 3015 lb

Hole Depth

FACE										
16	16	16	16	16	16	16	16	16	16	16 - 130 ft
18	18	18	18	18	18	18	18	18	18	18 - 150 ft
19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5 - 165 ft
22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5 - 195 ft
26	26	26	26	26	26	26	26	26	26	26 - 230 ft

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DESIGN: Blast001
DESCRIPTION: 10032002
DESIGN DATE: 10/03/2002
LOCATION: 10032002
SCALE: Not to scale
ICI EXPLOSIVES SHOTPlus v1.94

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