

Doc # 28142

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DEPT. OF THE ENVIRONMENT

SEP 20 2002

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

16617

Nova Scotia Department of Environment and Labour,
13, First Street,
Yarmouth,
B5A 1S9

Sept 17th 2002

**DFO - BIO
RECORDS OFFICE**
SEP 26 2002
File: CSB 5550-1

Attention: Mr. Bob Petrie, Regional Manager

Dear Mr. Petrie,

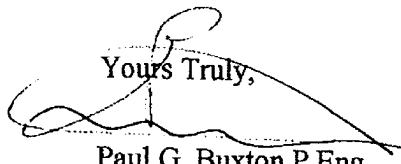
re: Whites Cove Quarry - Blasting Plan

In accordance with Section 10 (Blasting) part i) of the Terms and Conditions of Approval for the Whites Cove quarry (Approval No. 2002-026397 please find enclosed three copies of the Blasting Plan.

The setback distance and charges comply with Table 1 (Setback distance (m) from centre of detonation of a confined explosive to fish habitat to achieve 100 kPa guideline criteria for various substrates) on page 15 of the Guidelines for the Use of Explosives In or Near Canadian Fisheries Waters (Canadian Technical Report of Fisheries and Aquatic Sciences 2107).

Following your review would you kindly forward to the Department of Fisheries and Oceans for their approval.

Yours Truly,



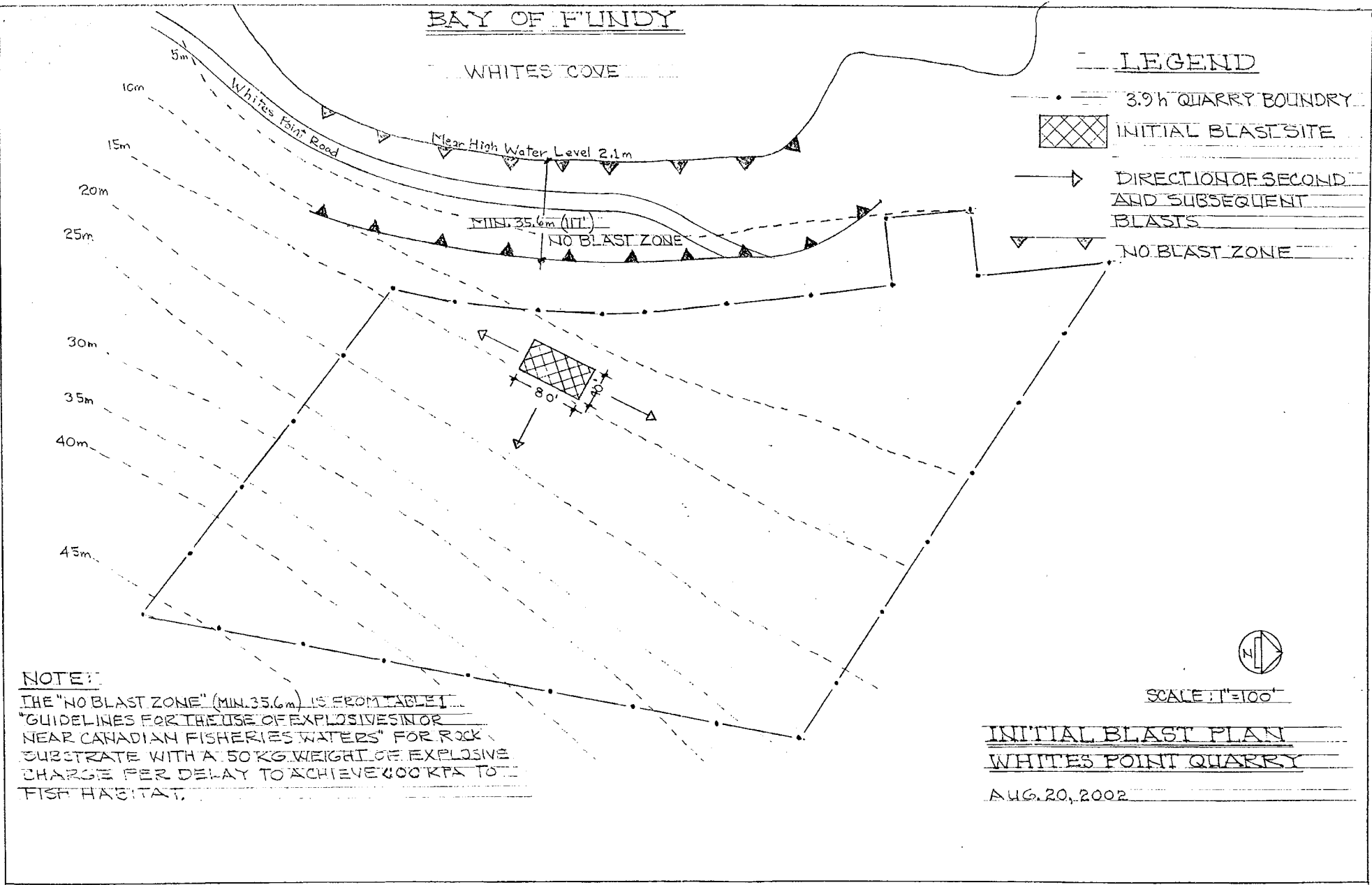
Paul G. Buxton P.Eng.
Project Manager

BAY OF FUNDY

WHITES COVE

LEGEND

- 3.9 h QUARRY BOUNDARY
- ▨ INITIAL BLAST SITE
- DIRECTION OF SECOND AND SUBSEQUENT BLASTS
- ▽ NO BLAST ZONE



NOTE:

THE "NO BLAST ZONE" (MIN. 35.6m) IS FROM TABLE 1 "GUIDELINES FOR THE USE OF EXPLOSIVES IN OR NEAR CANADIAN FISHERIES WATERS" FOR ROCK SUBSTRATE WITH A 50 KG WEIGHT OF EXPLOSIVE CHARGE PER DELAY TO ACHIEVE 400 KPA TO FISH HABITAT.