

APPENDIX G

**ARCHAEOLOGICAL AND CULTURAL RESOURCE SURVEY REPORT
CULTURAL RESOURCE MANAGEMENT GROUP**

BLACK BULL RESOURCES

**ARCHAEOLOGICAL SCREENING
YARMOUTH SILICA PROJECT
FLINTSTONE ROCK, YARMOUTH COUNTY**

ARCHAEOLOGICAL SCREENING REPORT

Submitted to:
Black Bull Resources Inc.
and the
Nova Scotia Museum

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Heritage Research Permit Number A2000NS44

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**ARCHAEOLOGICAL SCREENING
FOR THE YARMOUTH SILICA PROJECT
FLINTSTONE ROCK, YARMOUTH COUNTY**

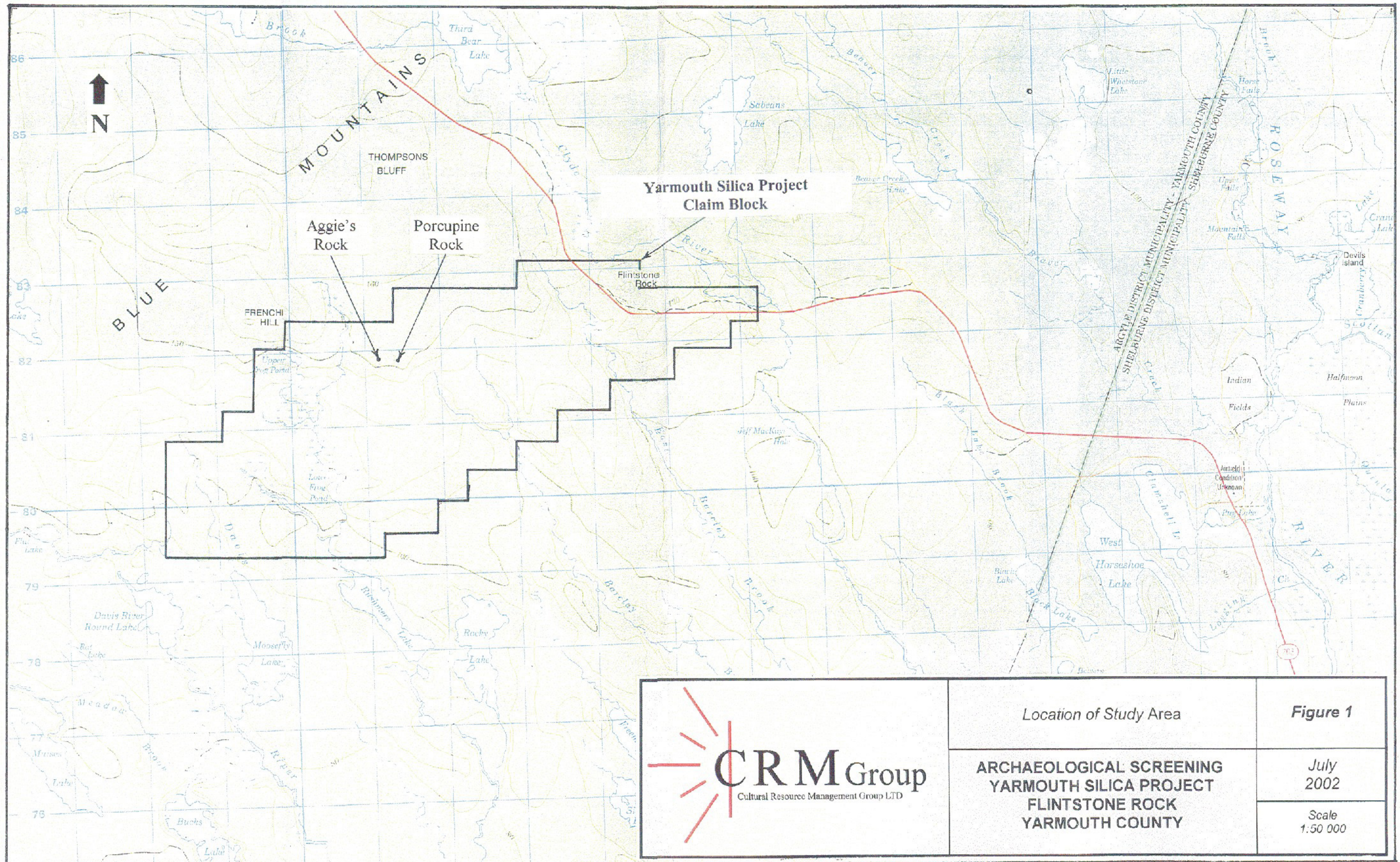
Heritage Research Permit A2000NS44 Report

1.0 INTRODUCTION

In October 2000, Cultural Resource Management (CRM) Group was retained by MGI Limited to undertake the archaeological component of the Fall 2000 environmental baseline study work for the *Yarmouth Silica Project* claim block at Flintstone Rock in northeastern Yarmouth County (*Figure 1*). The mineral resources of the claim block, which occupies an area of 20 square kilometres, are being evaluated for potential development by Black Bull Resources Inc (Black Bull).

The goal of the archaeological screening was to assess archaeological potential within the limits of the claim block. To achieve this goal CRM Group President and Senior Consultant, W. Bruce Stewart, directed a program of background research, consultation and on-site visual inspection to search for indications of archaeological resources and modern disturbances. The fieldwork component, implemented with the aid of Staff Archaeologist Mike Sanders and assistant Sam Gallagher, was undertaken on October 26 and 27, 2000 according to the terms of Heritage Research Permit A2000NS44 (Category "C") issued by the Nova Scotia Museum.

This report has been prepared by CRM Group for review by the Nova Scotia Museum (NSM). The purpose of the report is to describe the historical and physical context of the property, convey the results of the field survey and recommend a strategy for the management of any archaeological resources which could be impacted by the proposed development.



Location of Study Area

**ARCHAEOLOGICAL SCREENING
YARMOUTH SILICA PROJECT
FLINTSTONE ROCK
YARMOUTH COUNTY**

Figure 1

July
2002

Scale
1:50 000

2.0 STUDY AREA

The *Yarmouth Silica Project* claim block occupies an area of 20 square kilometres in the northeastern corner of Yarmouth County. The block straddles Highway 203 in an area approximately 6 kilometres west of the Shelburne County border. From Highway 203 at Flintstone Rock the claim block extends approximately 400 metres northeast to the boundary of the Tobeatic Wilderness Area, and approximately seven kilometres southwest, below the Blue Mountains to the bogs north of Moosefly Lake. Several significant watercourses lie in close proximity to the subject property: the upper reaches of the Clyde River lie off the northeast corner of the claim block; the upper reaches of the Davis River pass the southwest corner; the Roseway River lies seven kilometres to the east; and the East Branch of the Tusket River lies eight kilometres to the northwest. The claim block contains Upper Frog Pond and Lower Frog Pond and is crossed by Barclay Brook and its east branch which flow south into the Clyde River.

At the time of the archaeological survey, overland routes through the claim block consisted of the highway itself (known locally as "the Tin Mines Road"), its precursor (a parallel lumber road offset slightly to the north) and several interconnected ATV trails. Black Bull's preliminary mineralogical exploration had opened pits on either side of the highway (*Plate 1*), and established drill holes on cut laterals along the central ATV trail to the southwest. The remainder of the claim block consists of undulating bedrock scarcely concealed by thin soils, intermittent bogs, low bush cover and stunted forests. The dominant feature in this landscape was a glacial scatter of prominent granite boulders (*Plate 2*).

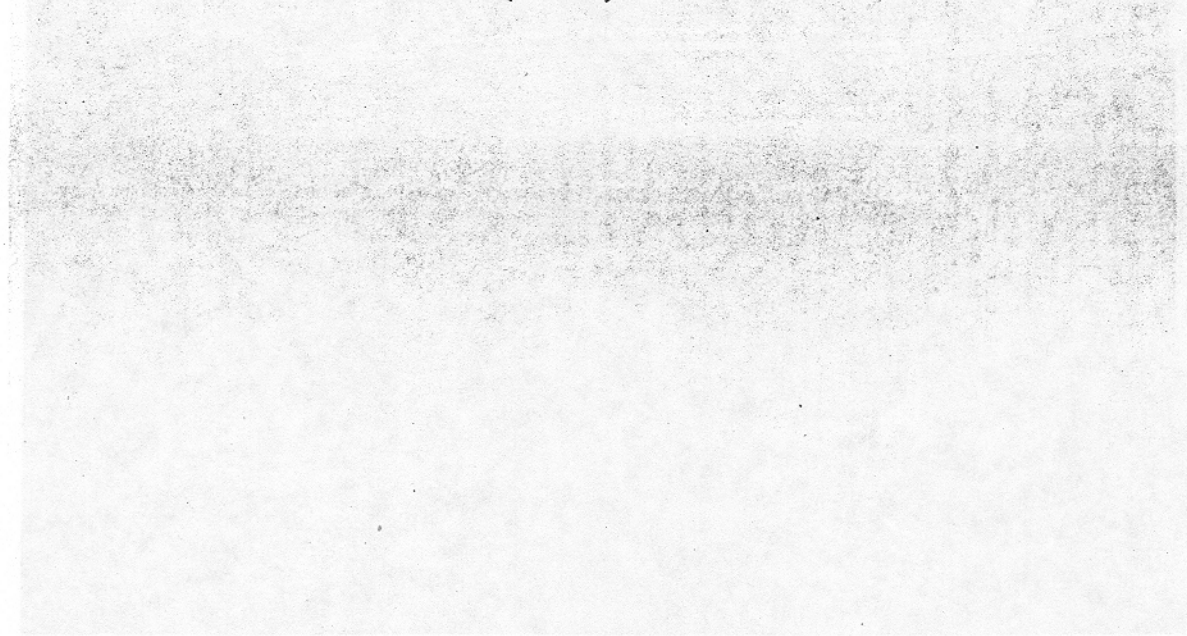




Plate 1: Exploration pit north of Highway 203, October 4, 2000.



Plate 2: Landscape at north end of claim block, October 26, 2000.