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28 March 2003  
File No. 29761-001

Hannaford Bros. Co.  
PO Box 1000  
Portland, Maine 04104

Attention: Mr. William McKenney

Subject: Proposed Food Store  
Riverside Street  
Portland, Maine

Ladies and Gentlemen:

This report presents the results of subsurface explorations and geotechnical engineering evaluations conducted for the proposed retail development project near the intersection of Forest Avenue and Riverside Street in Portland, Maine. This work was undertaken at your request in accordance with our proposal dated 3 February 2003.

## INTRODUCTION

The proposed retail development will be located near the intersection of Forest Avenue and Riverside Drive within an approximately 14 acre lot which was formerly a sand and gravel pit. The site is bounded by Riverside Street to the west, businesses on Industrial Drive to the north, the Maine Turnpike to the east and businesses along Forest Avenue to the south (See Figure 1).

The site is characterized as a deep pit with steep side slopes. The elevation of the bottom of the pit generally ranges from approximately El. 45 at the eastern end adjacent to the Maine Turnpike to approximately El. 60 near the western portion. The ground surface in the vicinity of the western end of the site generally ranges from El. 75 to 80. The limits of the pit extend to a point about 300 ft. east of Riverside Street. The cut slopes that form the boundary of the pit are steep (generally ranges from 1 horizontal to 2 vertical (1H:2V) to 1H:1.2V) with no vegetation covering the soil. There is an access road into the pit at the western end of the site. The site is currently receiving miscellaneous fill (elevations in bottom of pit will vary from those indicated on Figure 2) and is also used for snow storage.

The proposed retail development consists of a new food store with a plan area of approximately 35,600 sq. ft., a parking area, access roads around the building and to

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