

ROSATO CONSTRUCTION LTD.  
(District of Mission Subdivision Application 89-113)

HYDROGEOLOGIC EVALUATION  
IN REGARD TO DISPOSAL OF WASTEWATER AND STORM WATER  
ON A PROPOSED SUBDIVISION AT 32952 DEWDNEY TRUNK ROAD  
IN THE DISTRICT OF MISSION

PACIFIC HYDROLOGY CONSULTANTS LTD.  
DECEMBER 21, 1989

**PACIFIC HYDROLOGY CONSULTANTS LTD.**  
CONSULTING GROUNDWATER GEOLOGISTS

204 - 1929 WEST BROADWAY  
VANCOUVER, B.C. V6J 1Z3  
TELEPHONE: (604) 738-9232

December 21, 1989

Rosato Construction Ltd.  
32173 Buffalo Drive  
MISSION, B. C. V2V 4P5

Attention: Mr. Paul Rosatone

Subject: **Hydrogeologic Evaluation in Regard to Disposal of  
Wastewater and Storm Water on a Proposed  
Subdivision at 32952 Dewdney Trunk Road in the  
District of Mission**  
District of Mission Subdivision Application 89-113

Dear Sir:

This letter is further to a discussion at the subject property between Paul Rosatone and E. Livingston, P. Eng., of Pacific Hydrology, on December 15, 1989.

**1.0 INTRODUCTION**

The purpose of this letter is to discuss our hydrogeologic evaluation concerning the Proposed Subdivision of a parcel of land at 32952 Dewdney Trunk Road in the District of Mission, legally described as Lot 5, Section 33, Twp. 17, Plan 78120, New Westminister District. The regional topographic

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and Storm Water on a Proposed Subdivision at 32952 Dewdney  
Trunk Road in the District of Mission**

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setting of the subject property is shown on Figure 1 in Appendix A; the local topography and the proposed lot layout is shown on Figure 2.

Preparation of this letter-report is based on the following:

1. N.T.S. topographic map 92G/1f, **Mission**, of scale 1:25,000 and 1:2,500 District of Mission topographic plan, Sheet No. 1733S.
2. Geological Survey of Canada Map 1485A, **Surficial Geology Mission British Columbia**; scale 1:50,000, 1980.
3. Geological Survey of Canada Bulletin 322, **Post-Vashon Wisconsin Glaciation, Fraser Lowland, British Columbia**; by J.E. Armstrong, 1981, 34 pp.
4. Geological Survey of Canada Paper 82-23, **Environmental and Engineering Applications of the Surficial Geology of the Fraser Lowland, British Columbia**; by John E. Armstrong, 1984, 54 pp.
5. **Design Manual Onsite Wastewater Treatment and Disposal Systems**; United States Environmental Protection Agency, October 1980, 392 pp.
6. B. C. Ministry of Health **Sewage Disposal Regulation** (B. C. Reg 411/85, O.C. 2398/85), Sept. 30/86, 17 pp.
7. Examination of two test pits, one dug on each of the two unoccupied lots of the proposed subdivision.
8. General hydrogeologic reconnaissance.

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