

CERTIFICATION OF WATER QUANTITY AND QUALITY FOR LOT 2  
OF A RURAL SUBDIVISION  
AT 12447 POWELL STREET IN THE DISTRICT OF MISSION

(District of Mission Subdivision Application S90-35 and File PRF 15-40)

Prepared for

MR. & MRS. R. SWANSON  
12447 Powell Street, R.R. 7  
MISSION, B.C. V2V 6H5

Prepared by

PACIFIC HYDROLOGY CONSULTANTS LTD.  
204 - 1929 West Broadway  
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July 4, 1991

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

July 4, 1991

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Subject: **Certification of Water Quantity and Quality for Lot 2 of a Rural  
Subdivision at 12447 Powell Street in the District of Mission**  
District of Mission Subdivision Application S90-35 and File  
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Dear Sir:

This letter-report is further to recent telephone discussions between Mr. and Mrs. Swanson and Ed Livingston, P. Eng., of Pacific Hydrology Consultants Ltd. and, in particular, it is further to discussions between Mr. and Mrs. Swanson and Ed Livingston during a visit of May 28 to the subject property at 12447 Powell Street.

## 1.0 INTRODUCTION

The purpose of this letter is to present information which confirms that a new dug well constructed on Lot 2 to be created from the proposed subdivision of Lot 15, N.E.¼ of Section 22, Township 15, Plan 44668, New Westminster District, will "...provide a quantity of water not less than 2500 litres per day per parcel and provide a sustained yield of 9 litres per minute for a minimum of four hours", as required under District of Mission Bylaw No. 2203-1990. This letter also discusses the quality of groundwater yielded by the well and provides the required hydrogeologic impact assessment with respect to:

- (i) Impact of each proposed well on neighbour wells both within and adjacent to the proposed subdivision, and

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