



## CHEMAC ENVIRONMENTAL SERVICES

(A DIVISION OF CARO ENTERPRISES INC.)

#1 - 388 Industrial Avenue, Kelowna, British Columbia, Canada V1Y 7E8 • Telephone (804) 763-5090 Fax 763-4810

### CERTIFICATE OF ANALYSIS

October 29, 1996

West Kelowna Estates Ltd  
2575 Ross Road  
KELOWNA, BC V1Z 1M2  
Attention: Mr. John Scott.

Sample Identification: June Springs Road, 300' Well Via AquaTech  
Date Received: Oct.15/96

Alkalinity (Total)	151	mg/L as CaCO <sub>3</sub>
Aluminum	<0.2	mg/L
Arsenic	<0.01	mg/L
Barium	0.02	mg/L
Boron	<0.1	mg/L
Cadmium	<0.0002	mg/L
Chloride	4.9	mg/L
Chromium	<0.01	mg/L
Color (True)	5	Color Units
Copper	<0.01	mg/L
Cyanide	<0.010	mg/L
Dissolved Solids(Total)	369	mg/L
Fluoride	2.0	mg/L
Hardness(Total)	160	mg/L as CaCO <sub>3</sub>
Iron	0.18	mg/L
Lead	<0.001	mg/L
Manganese	0.075	mg/L
Mercury	<0.00005	mg/L
Molybdenum	<0.03	mg/L
Nitrate	<0.01	mg/L as N
Nitrite	<0.01	mg/L as N
pH	7.9	pH Units
Sodium	57	mg/L
Sulphate	150	mg/L
Turbidity	0.60	N.T.U.
Uranium	0.00406	mg/L
Zinc	<0.005	mg/L
Total Coliform	0	Colonies/100mL
Fecal Coliform	0	Colonies/100mL

Certified by: *Janice M. Fraser*

CHEMAC ENVIRONMENTAL SERVICES

Janice M. Fraser, B.Sc., Lab Manager

Enclosure

FAX: 769-7121

THE INFORMATION CONTAINED IN  
THIS REPORT IS THE CONFIDENTIAL  
PROPERTY OF THE CLIENT. ANY  
LIABILITY ATTACHED THERETO IS  
LIMITED TO THE FEE CHARGED.



**WELL LOG**  
**CASCADE DRILLING LTD. &**  
**CAPRI DRILLING (1985) LTD.**

BOX 306, STN. A  
KELOWNA, B. C.  
V1Y 7N8

( 604 ) 769-3408  
( 604 ) 762-1362 mobile

**NAME:** West Kelowna Estates #8 c/o John Scott **LOG #:** 2193  
**ADDRESS:** Proposed Lot 1, June Springs Road **DATE SPUDDED:** 9/24/96 **COMPLETED:** 9/26/96  
Kelowna B.C. **RIG #:** 3 **OTHER EOPT:** \_\_\_\_\_

**WELL LOCATION LOT:** 1 **PLAN:** KAP50377 **DEPTH - FT.**  
**DIST LOT:** SE¼, Sec35, Tp29, ODYD **OVERBURDEN:** 44 **TOOLPUSH:** \_\_\_\_\_  
**PROPOSED USE:** DOMESTIC: X **BEDROCK:** 256 **DRILLER:** Gerald Depeel  
**IRRIGATION:** \_\_\_\_\_ **TOTAL:** 300 **ROUGHNECK:** Jay Jackson  
**OTHER:** \_\_\_\_\_ **DEPTHS** \_\_\_\_\_

**TYPE OF WORK**  
**NEW WELL:** X **DEEPENED:** \_\_\_\_\_  
**LINER INSTALLED:** \_\_\_\_\_ **GROUND:** 0 - 22 sand, gravel & boulders  
**REDEVELOPED:** \_\_\_\_\_ 22 - 42 sand & clay  
**PRESS FRACTURED:** \_\_\_\_\_ 42 - 300 bedrock

**DIMENSIONS**  
**DRILLED - FT:** 300 **DIAM-IN:** 6  
**WELL DEPTH:** 300 **FT.**

**CONSTRUCTION DETAILS**  
**CSG INSTALLED:** 6-5/8" to 44 **FT.**  
\_\_\_\_\_ **FT.**

**SCREENS** **YES:** \_\_\_\_\_ **NO:** X  
**MAKE:** \_\_\_\_\_  
**TYPE:** \_\_\_\_\_  
**SLOT SIZE:** \_\_\_\_\_ **FROM:** \_\_\_\_\_ **TO:** \_\_\_\_\_ **FT.**

**WELL OWNER, I:** o/s by John Scott

**SURFACE SEAL**  
**MATERIAL USED:** steel casing Hereby agree work has been completed in accordance  
with the contract and all material used has been of  
finest quality.

**SEALING METHOD:** casing hammer & drive shoe **CAPRI / CASCADE:** o/s by Gerald Depeel

**PRODUCTION DATA** **GENERAL REMARKS:** Upon completion of drilling, well yield meets  
**STATIC LEVEL:** 50 **FT.** requirements of Cord Bylaw 176.

**MEASURED FROM GROUND LEVEL**  
**WITH:** electric sounder

**PUMPED @:** 4 **GPM**  
**PUMP SETTING:** 280 **FT.**  
**ELWG ARTESIAN:** \_\_\_\_\_ **GPM**

**WATER CLEAR:** X **COLOURED:** \_\_\_\_\_  
**SILTY:** \_\_\_\_\_

**TEST DURATION:** 1 **HRS.**

**West Kelowna Estates Ltd.**  
2575 Ross Rd.  
Kelowna, B.C. V1Z 1M2

**June Springs Road - 3 Lot Subdivision Well Information**

Lot 1. - Well # 8 (New)  
See Well Log # 2193 and Chemac test results Dated October 29, 1996.

Well # 5 (Existing)  
See Well Log # 1227 and Eco-Tech Lab test results Dated  
September 22, 1992 and December 23, 1992.

Lot 2. - Well # 4 (Existing)  
Re - Drilled  
See Well Log # 2191 and # 1125 and Chemac test results  
Dated October 29, 1996.

Lot 3. - Well # 2 (Existing)  
See Well Log # 1203 and Eco-Tech Lab test results Dated  
September 22, 1992 and December 23, 1992.