



BCGS MAP [grid] WELL No. [grid] ELEV [grid] Location Accuracy [grid]

UTM Z [grid] E [grid] N Date 19 [grid] Well Type [grid]

Owners Name & Address A. Farrow, Hamilton-Horn Rd (currently 240 Musgrave Rd)
 Legal Description & Address Subdivision of Lot B Sect 51, South Salt Spring Cowichan Dist. PL VIP 73209, PID 025-327-003
 Descriptive Location Across Rd From Pond.

1. TYPE OF WORK New Well Reconditioned Deepened Abandoned

2. WORK METHOD Cable tool Bored Jetted Rotary mud air reverse Other

3. WATER WELL USE Domestic Municipal Irrigation Comm. & Ind. Other

4. DRILLING ADDITIVES water

5. MEASUREMENTS from ground level top of casing casing height above ground level 2 ft.

9. CASING: Steel Galvanized Wood Plastic Concrete Other

| Hole Diameter | 6" | | | | | | | | | units |
|---------------|-------|--|--|--|--|--|--|--|--|-------|
| Diameter | | | | | | | | | | ins |
| from | 0 | | | | | | | | | ft |
| to | 93 | | | | | | | | | ft |
| Thickness | 0.219 | | | | | | | | | ins |
| Weight | | | | | | | | | | lb/ft |

| FROM ft | TO ft | 6. WELL LOG DESCRIPTION | SWL ft |
|---------|-------|-----------------------------|--------|
| 0 | 7 | Brown Coarse Silty Gravel | |
| 7 | 14 | Grey Till | |
| 14 | 31 | Brown Compact Silty Gravel. | |
| 31 | 46 | Brown Sand. | |
| 46 | 52 | Black Silt | |
| 52 | 64 | Coarse Silty Gravel. | |
| 64 | 71 | Grey Till | |
| 71 | 82 | Brown Silty Gravel. | |
| 82 | 87 | Brown Clay | |
| 87 | 92 | Grey Till | |
| 92 | 93 | Gravel - Water Bearing | |
| 93 | 94 | Shale Bedrock | |
| | | <u>2.5 gpm</u> | |

Pitless unit _____ ft above below ground level

Welded Cemented Threaded | New Used

Perforations: _____

Shoe(s): Gopher Style

Open hole, from _____ to _____ ft Diameter _____ ins

Grout: Benseal

10. SCREEN: Nominal (Telescope) Pipe Size

Type Continuous Slot Perforated Louvre Other open Bottom

Material Stainless Steel Plastic Other

Set from _____ to _____ ft below ground level

| RISER, SCREEN & BLANKS | | | | | | units |
|------------------------|--|--|--|--|--|-------|
| Length | | | | | | ft |
| Diam. I D | | | | | | ins |
| Slot Size | | | | | | ins |
| from | | | | | | ft |
| to | | | | | | ft |

Fittings, top _____ bottom _____

Gravel Pack Natural

11. DEVELOPED BY: Surging Jetting Air Bailing Pumping Other

12. TEST Pump Bail Air Date [grid]

Rate _____ USgpm Temp _____ °C SWL before test _____ ft

Water Level _____ ft after test of _____ hrs

| DRAWDOWN in ft | | | | RECOVERY in ft | | | |
|----------------|----|------|----|----------------|----|------|----|
| mins | WL | mins | WL | mins | WL | mins | WL |
| | | | | | | | |
| | | | | | | | |

13. RECOMMENDED PUMP TYPE _____ RECOMMENDED PUMP SETTING 90 ft RECOMMENDED PUMPING RATE 2.5 USgpm

14. WATER TYPE: fresh salty clear cloudy

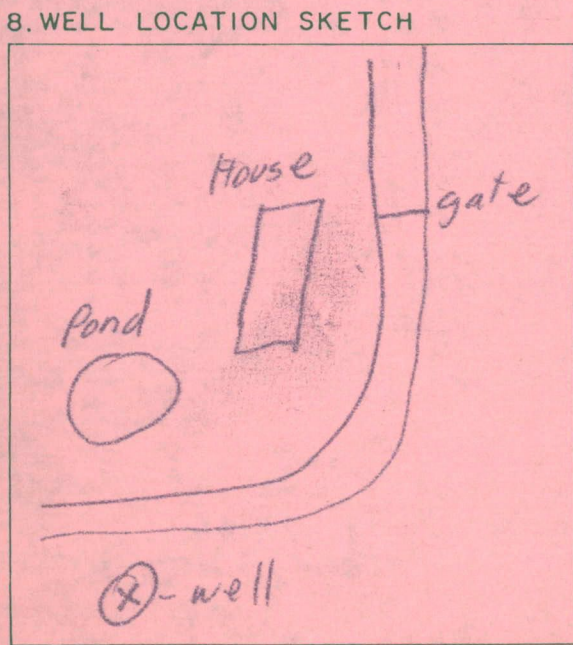
colour _____ smell _____; gas yes no

15. WATER ANALYSIS: 1 Hardness _____ mg/L

2 Iron _____ mg/L 3 Chloride _____ mg/L

4 pH _____ Field Date _____ Lab Date _____

7. CONSULTANT _____ Address _____



SITE I D No _____

16. FINAL WELL COMPLETION DATA

Well Depth 93 ft Well Yield 2.5 US gpm

Static Water Level _____ ft Artesian Flow _____ US gpm Pressure Head _____ ft

Back filled _____

Well Head Completion chlorinate, Tack weld lid

17. DRILLER PLEASE PRINT Bourget SURNAME Richard FIRST NAME

Signature [Signature]

18. CONTRACTOR, Address _____

Owners Name & Address Mr. Farrow, Hamilton Horn Way (currently 240 Musgrave Rd)

Legal Description & Address Subdivision of Lot B Sect 51, South Salt Spring
Cowichan Dist., PL VIP 73209, PID 025-327-003 Farrow

Descriptive Location Across Rd From Pond. 212 Hamilton Horn Way Arthur

1. TYPE OF WORK
1 New Well 2 Reconditioned
3 Deepened 4 Abandoned

9. CASING: 1 Steel 2 Galvanized 3 Wood
Materials 4 Plastic 5 Concrete
 Other Wtn 84622

2. WORK METHOD
1 Cable Tool 2 Sonic 3 Jetted
4 Rotary a Mud b Air c Reverse
 Other

| | | |
|------------------|-------|-------|
| Outside Diameter | 6" | units |
| from | 0 | ins |
| to | 93 | ft |
| Thickness | 0.219 | ins |
| Weight | | lb/ft |

3. WATER WELL USE 1 Domestic 2 Municipal 3 Irrigation
4 Comm. & Ind. Other

4. DRILLING ADDITIVES water

5. MEASUREMENTS from 1 ground level 2 top of casing
casing height above ground level 2 ft.

Pitless unit _____ ft 1 above 2 below ground level
1 Welded 2 Cemented 3 Threaded | 1 New 2 Used
Perforations: _____

| FROM ft | TO ft | 6. WELL LOG DESCRIPTION | SWL ft |
|---------|-------|-----------------------------|--------|
| 0 | 7 | Brown Coarse Silty Gravel | |
| 7 | 14 | Grey Till | |
| 14 | 31 | Brown Compact Silty Gravel. | |
| 31 | 46 | Brown Sand. | |
| 46 | 52 | Black Silt | |
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| 82 | 87 | Brown Clay | |
| 87 | 92 | Grey Till | |
| 92 | 93 | Gravel - Water Bearing | |
| 93 | 94 | Shale Bedrock | |
| | | <u>2.5 gpm</u> | |

Shoe(s): Gopher Style
Open hole, from _____ to _____ ft Diameter _____ ins
Grout: Benseal

10. SCREEN: 1 Nominal (Telescope) 2 Pipe Size
Type 1 Continuous Slot 2 Perforated 3 Louvre
 Other open Bottom
Material 1 Stainless Steel 2 Plastic Other
Set from _____ to _____ ft below ground level

| RISER, SCREEN & BLANKS | | | | | | units |
|------------------------|--|--|--|--|--|-------|
| Length | | | | | | ft |
| Diam. I.D. | | | | | | ins |
| Slot Size | | | | | | ins |
| from | | | | | | ft |
| to | | | | | | ft |

Fittings, top _____ bottom _____
Gravel Pack Natural

11. DEVELOPED BY: 1 Surging 2 Jetting 3 Air
4 Bailing 5 Pumping Other

12. TEST 1 Pump 2 Bail 3 Air Date _____ YR _____ MO _____ DY
Rate _____ USgpm Temp _____ °C SWL before test _____ ft
Water Level _____ ft after test of _____ hrs

| DRAWDOWN in ft | | | | RECOVERY in ft | | | |
|----------------|----|------|----|----------------|----|------|----|
| mins | WL | mins | WL | mins | WL | mins | WL |
| | | | | | | | |
| | | | | | | | |

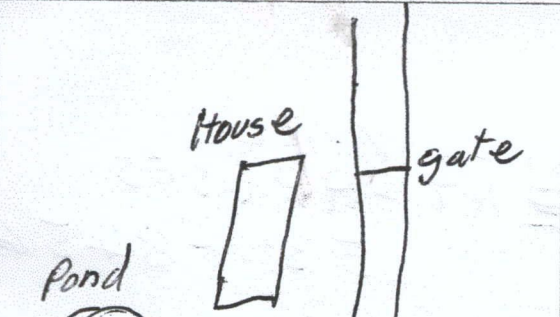
13. RECOMMENDED PUMP TYPE _____ RECOMMENDED PUMP SETTING 90 ft RECOMMENDED PUMPING RATE 2.5 USgpm

14. WATER TYPE: 1 fresh 2 salty 3 clear 4 cloudy
colour _____ smell _____; gas 1 yes 2 no

15. WATER ANALYSIS: 1 Hardness _____ mg/L
2 Iron _____ mg/L 3 Chloride _____ mg/L
4 pH _____ Field Date _____

7. CONSULTANT _____
Address _____

8. WELL- LOCATION - SKETCH



SITE I D No _____

Lab Date _____ YR _____ MO _____ DY

16. FINAL WELL COMPLETION DATA
Well Depth 93 ft Well Yield 2.5 USgpm
Static Water Level _____ ft Artesian Flow _____ USgpm Pressure Head _____ ft
Back filled _____
Well Head Completion Chlorinate, Tack weld lid

17. DRILLER: Z... SURNAME FIRST NAME

BCGS

MAP

092B • 073 • 4 • 1 • 2

PID 025 327 003

WTN84622

WELL NO. 010

WATER WELL RECORD

MINISTRY OF ENVIRONMENT WATER MANAGEMENT DIVISION

VICTORIA, BRITISH COLUMBIA

LEGAL DESCRIPTION: LOT B SEC. 51 TP. R. D.L. LAND DISTRICT South Salt Spring PLAN 73209

DESCRIPTIVE LOCATION Across the road from pond LICENCE NO. DATE

OWNER'S NAME A. Farrow ADDRESS Hamilton Horn Rd

DRILLER'S NAME Drillwell ADDRESS DATE COMPLETED June 24/03

DEPTH 93' ELEVATION OF ESTIMATED SURVEYED CASING DIAM. LENGTH

METHOD OF CONSTRUCTION Rotary air CASING DIAM. LENGTH

SCREEN LOCATION SCREEN SIZE LENGTH TYPE

SANITARY SEAL YES NO SCREEN SIZE LENGTH TYPE

PERFORATED CASING LENGTH PERFORATIONS FROM TO

GRAVEL PACK LENGTH DIAM. SIZE GRAVEL, ETC.

DISTANCE TO WATER ESTIMATED WATER LEVEL

FROM MEASURED ELEVATION ARTESIAN PRESSURE

DATE OF WATER LEVEL MEASUREMENT WATER USE

Z 110 WELL NO.

465520E

5401038N

Z X Y NO. 9

NAT. TOPO. SHEET NO.

PRODUCTION TEST SUMMARY

DATE TEST BY BAIL TEST PUMP TEST DURATION OF TEST RATE DRAWDOWN WATER LEVEL AT COMPLETION OF TEST AVAILABLE DRAWDOWN SPECIFIC CAPACITY PERMEABILITY STORAGE COEFF. TRANSMISSIVITY ESTIMATED WELL YIELD 242 USgpm RECOMMENDED PUMPING RATE RECOMMENDED PUMP SETTING

CHEMISTRY

TEST BY DATE TOTAL DISSOLVED SOLIDS mg/l TEMPERATURE °C pH SILICA (SiO2) mg/l CONDUCTANCE umhos/cm AT 25°C TOTAL IRON (Fe) mg/l TOTAL HARDNESS (CaCO3) mg/l TOTAL ALKALINITY (CaCO3) mg/l PHEN. ALKALINITY (Ca CO3) mg/l MANGANESE (Mn) mg/l COLOUR ODOUR TURBIDITY

LITHOLOGY

Table with columns FROM, TO, DESCRIPTION

ANIONS

Table for anions: CARBONATE (CO3), BICARBONATE (HCO3), SULPHATE (SO4), CHLORIDE (Cl), NO2 + NO3 (NITROGEN), PHOSPHORUS (P)

CATIONS

Table for cations: CALCIUM (Ca), MAGNESIUM (Mg), SODIUM (Na), POTASSIUM (K), IRON (DISSOLVED)

CHEMISTRY FIELD TESTS

TEST BY DATE EQUIPMENT USED

CONTENTS OF FOLDER

- DRILL LOG, PUMP TEST DATA, CHEMICAL ANALYSIS, SIEVE ANALYSIS, GEOPHYSICAL LOGS, REPORT

OTHER

SOURCES OF INFORMATION