

Lot 47



DRILLING (1998) LTD.

4501-232 ST. Box 3446, Langley, B.C. V3A 4R8
Days & Evenings Tel: (604) 534-4108 Fax: (604) 534-3389

WELL LOG

SURFACE
SEAL 0-18'

Depth	Material
0	
19	HARD MULTI COLORED GREY GRANITE
50	SOFT GREEN GRANITE " " "
100	MULTI COLORED GREEN GRANITE
160	GREY GRANITE " "
220	HARD GREY & BLACK GRANITE

OWNER HOPE POINT DEVELOPMENT & PARTNERSHIP

ADDRESS 520 - 5525 W. BOULEVARD
VANCOUVER, B.C.

LOCATION GAMBIER ISLAND / PHASE 4
WELL #12, I.D. #19770

Date Begun NOV. 21/07 Completed NOV. 22/07

Yield 4 Gallons per minute

Static Water Level 140 feet from surface

Pumping Water Level 200 feet from surface

Casing Used 20FT OF 6 INCH

Bottom of Casing 18 feet from surface

Slick-up above ground 2 feet

Screen Used N/A

Top of Screenfeet from surface

Bottom of Screenfeet from surface

Sources of Water 4 g.p.m. at 195 - 220 feet

Sources of Water g.p.m. atfeet

Sources of Water g.p.m. atfeet

Rig No. DK25

Driller W. PHILPS? Helper: R. HURTUBISE

RECOMMENDED PUMP SET AT 200 FT. RATE 4 G.P.M.

Surrey	Ph (604) 514-3322	FAX (604) 514-3323
Edmonton	Ph (780) 438-5522	FAX (780) 438-0396
Calgary	Ph (403) 291-2022	FAX (403) 291-2021
Lethbridge	Ph (403) 329-9266	FAX (403) 327-8527
Winnipeg	Ph (204) 982-8630	FAX (204) 275-6019

NWLD 014-01

Lot Number 591283

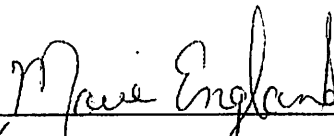
Date Issued: 03 July 2008

Certificate of Potability

Sample location: Water @ Lot #47, Pump #2

The above mentioned water sample number **591283-1** supplied by **Nor-West Drilling** meets the chemical and bacteriological requirements specified by the May 12th, 2006 Guidelines for Canadian Drinking Water Quality (6th ed.) for the constituents tested.

Reviewed by:



for Randy Neumann, B.Sc.
Vice President

Note:

All reports are the confidential property of our clients. Publication of statements, conclusions or extracts from or regarding our report is not permitted without our written approval. Any liability attached thereto is limited to the fee charged.



Ministry of Environment

- Well Construction Report
- Well Closure Report
- Well Alteration Report

NOR-WEST DRILLING(1998)LTD.
Box 3446 Langley, BC

Stamp company V3A 4R8

Ministry Well ID Plate Number: 19770

Ministry Well Tag Number:

- Confirmation/alternative specs. attached
- Original well construction report attached

Red lettering indicates minimum mandatory information.

See reverse for notes & definitions of abbreviations.

Owner name: HOPE POINT DEVELOPMENT PARTNERSHIP

Mailing address: 520-5525 W. BOULEVARD Town VANCOUVER Prov. BC Postal Code V6M 3W6

Well Location: Address: Street no. Street name PHASE 4 Town GAMBIER IS.

Legal description: Lot 47 Plan D.L. Block Sec. Twp. Rg. Land District

PID: Description of well location (attach sketch, if nec.):

NAD 83: Zone: 10 UTM Easting: 4750 37 m UTM Northing: 5477927 m Latitude (see note 3): Longitude:

Method of drilling: air rotary cable tool mud rotary auger driving jetting excavating other (specify):

Orientation of well: vertical horizontal Ground elevation: 51 ft (asl) Method (see note 4):

Class of well (see note 5): WATER SUPPLY Sub-class of well:

Water supply wells: indicate intended water use: private domestic water supply system irrigation commercial or industrial other (specify):

Lithologic description (see notes 7-14) or closure description (see notes 15 and 16)

From ft (bgl)	To ft (bgl)	Relative Hardness	Colour	Material Description (Use recommended terms on reverse. List in order of decreasing amount, if applicable)	Water-bearing Estimated Flow --(USgpm)	Observations (e.g., fractured, weathered, well sorted, silty wash), closure details
0	19		Gy	GRANITE		
19	50		G	GRANITE		
50	100		G	GRANITE		
100	160		Gy	GRANITE		
160	220		Gy/B	GRANITE		

Casing details

From ft (bgl)	To ft (bgl)	Dia in	Casing Material / Open Hole	Wall Thickness in	Drive Shoe
0	18	6	STEEL	188	

Screen details

From ft (bgl)	To ft (bgl)	Dia in	Type (see note 18)	Slot Size

Surface seal: Type: BENTONITE GROUT Depth: 18 ft
 Method of installation: Poured Pumped Thickness: 1 1/2 in
 Backfill: Type: GROUT Depth: 4 ft
 Liner: PVC Other (specify):
 Diameter: in Thickness: in
 From: ft (bgl) To: ft (bgl) Perforated: From: ft (bgl) To: ft (bgl)

Intake: Screen Open bottom Uncased hole
 Screen type: Telescope Pipe size
 Screen material: Stainless steel Plastic Other (specify):
 Screen opening: Continuous slot Slotted Perforated pipe
 Screen bottom: Bail Plug Plate Other (specify):
 Filter pack: From: ft To: ft Thickness: in
 Type and size of material:

Developed by:

Air lifting Surging Jetting Pumping Bailing
 Other (specify): Total duration: 2 hrs
 Notes:

Final well completion data:

Total depth drilled: 220 ft Finished well depth: 220 ft (bgl)
 Final stick up: 24 in Depth to bedrock: 18 ft (bgl)
 SWL: 140 ft (btoc) Estimated well yield: 4 USgpm
 Artesian flow: USgpm, or Artesian pressure: ft

Well yield estimated by:

Orientation of well: vertical horizontal Ground elevation: 51 ft (asl) Method (see note 4):

Class of well (see note 5): WATER SUPPLY Sub-class of well:

Water supply wells: indicate intended water use: private domestic water supply system irrigation commercial or industrial other (specify):

Lithologic description (see notes 7-14) or closure description (see notes 15 and 16)

Table with columns: From ft (bgl), To ft (bgl), Relative Hardness, Colour, Material Description, Water-bearing Estimated Flow (USgpm), Observations. Handwritten entries for GRANITE from 0 to 220 ft depth.

Casing details

Table with columns: From ft (bgl), To ft (bgl), Dia in, Casing Material / Open Hole, Wall Thickness in, Drive Shoe. Handwritten entry: 0 to 18 ft, 6 in dia, STEEL, 188 in wall thickness.

Screen details

Table with columns: From ft (bgl), To ft (bgl), Dia in, Type (see note 18), Slot Size. Empty table.

Surface seal: Type: BENTONITE GROUT Depth: 18 ft
Method of installation: Poured Pumped Thickness: 1 1/2 in
Backfill: Type: GROUT Depth: 4 ft
Liner: PVC Other (specify):
Diameter: in Thickness: in
From: ft (bgl) To: ft (bgl) Perforated: From: ft (bgl) To: ft (bgl)

Intake: Screen Open bottom Uncased hole
Screen type: Telescope Pipe size
Screen material: Stainless steel Plastic Other (specify):
Screen opening: Continuous slot Slotted Perforated pipe
Screen bottom: Ball Plug Plate Other (specify):
Filter pack: From: ft To: ft Thickness: in
Type and size of material:

Developed by:

Air lifting Surging Jetting Pumping Bailing
Other (specify): Total duration: 2 hrs
Notes:

Well yield estimated by:

Pumping Air lifting Bailing Other (specify):
Rate: 4 USgpm Duration: 2 hrs
SWL before test: 140 ft (btoc) Pumping water level: 200 ft (btoc)

Obvious water quality characteristics:

Fresh Salty Clear Cloudy Sediment Gas
Colour/odour: Water sample collected:

Well driller (print clearly):

Name (first, last) (see note 19): WAYNE PHILIPS
Registration no. (see note 20): WDO 6070 502
Consultant (if applicable; name and company): NOR-WEST DRILLING

DECLARATION: Well construction, well alteration or well closure, as the case may be, has been done in accordance with the requirements in the Water Act and the Ground Water Protection Regulation.

Signature of Driller Responsible

PLEASE NOTE: The information recorded in this well report describes the works and hydrogeologic conditions at the time of construction, alteration or closure, as the case may be. Well yield, well performance and water quality are not guaranteed as they are influenced by a number of factors, including natural variability, human activities and condition of the works, which may change over time.

Final well completion data:

Total depth drilled: 220 ft Finished well depth: 220 ft (bgl)
Final stick up: 24 in Depth to bedrock: 18 ft (bgl)
SWL: 140 ft (btoc) Estimated well yield: 4 USgpm
Artesian flow: USgpm, or Artesian pressure: ft

Type of well cap: STEEL Well disinfected: Yes No
Where well ID plate is attached: NEAR TOP OF CASING

Well closure information:

Reason for closure:
Method of closure: Poured Pumped
Sealant material: Backfill material:
Details of closure (see note 17):

Date of work (YYYY/MM/DD):

Started: Nov 21/07 Completed: Nov 22/07

Comments: