CROSS SECTION 15

East Poleline across the nose of Ross Point, near river mile 106 (west of Harbor Island) to Highland Drive

T 51N | T 50N

T 50 N

POLELINE

ROSS POINT

HWY 90

RIVERVIEW

HIGHLAND

Max. flood swash line 2,600'

Ross Point Systems, 268', 51N 04W 31 BBC1 47 43 37N 116 55 37W, 2212'

Hunt Bros, Zinkgraf, 1969, 205' 50N 04W 6 NWNW

ARMSTRONG, Holman, 1974, 420' 51N 04W 31DDA1 47 43 08N 116 52 26W, 2347'

Coles, H2O, 1989, 435' 51N 04W 6 BAD1 47 43 52N 116 53 05W, 2354'

2360'? Ford, Holman, 1978, 418' 50N 4W 6 SW NW

Scheller, Holman, 1975, 426' 51N 04W 6 BCA1 47 42 33N 116 53 26W, 2365'

~2190'. Horne, Associated, 1979, 325' 50N 4W 6 NW SE

Pine Villa Park + Water, Holman, 1974, 210' 51N 04W 6 CCA2 47 42 14N 116 53 28W, 2179'

~2160'. Volking, United, 1884, 213' 50N 4W 6 SE SE

~2170. Bonneville Power, Bertram, 1999, 200' 50N 04W 7 90? Shoreline Dr.

~2130. Moore, H20, 1991, 239', 50N 04W 7 NE SW

~2130. Jenks, H20, 1994, 645', 50N 04W 7 SE NE

~2180. Doerfler, McCarby, 2002, 365', 50N 04W 7 NW SW

~2160. Clark, McCarby, 2002, 365', N Otter Bay Road

~2180. Pfau, H20, 1993, 239', 50N 04W 7 NE SW

~2180.Orm, H20, 1997, 203', E River view Dr

~2200. Walkinshaw, H2O, 1991, 300' 50N 4W 7 NW SW

~2200'. Agnew, United, 1997, 600' 50N 04W 7 NW SE

~2440'. Steady, H2o. 1996, 124' 50N 04w 7 SW

~2440'. Hollenback, J&J, 1985, 260', 50N 04W

Many bedrock wells (71)

3000'. Schmit H20, 2007, 660' 50N 04W 18 SE SE

Qggf (5c)

Qgrp (5a) *remnant flood terrace*

Qgg (5b)

Qal

Qgrv (5)

Qgc(5f)

TgrN2

YXgn

Kog

Ts/YXgn

2125'

2014'

fine gravel and finer

crs gravel

Q3 / Q4

Q1 / Q2 ?

Q0

Basalt/ Tertiary sediments or Metamorphics/ Granites?

Basement knoll or very large granite clast

Kahle and Bartolino, 2007 estimated basement, Section G-G'

1550'

Gerstal and Palmer, 1994 (Liberty Lake Quad)

Section 19

Section 17

Contact projected from Lewis et al. (2002)

Inferred older fault (Breckenridge and Othberg, 1998) (possibly active in Miocene)

surficial, thin colluvium/ residium and mass wasting deposits, Qcr, Qcb not shown

probable K dikes associated with hard/soft granite, mineralization, metamorphosis. Isolated Kog also seen on geologic map.

Sprague basalt at 114'

basalt cobbles, cly

decomp

granite w/ "copper"

basalt boulders

shale

varied shale

clay

soft

med

hard

granite

"brn, grn, wht, purple, blk" granite

brucker well, on otter produces 30 gpm

quartzite

UP

DOWN

ID Highway 41, ID: stimated from Adenik (1999, Fig. 10d)

Mile 0 1

Kilometer 0 1

Vertical exaggeration x8.5

Vertical scale in feet

SCALE

North

George Grader, March 29 2008