CROSS SECTION 1

From ridge between Hauser and Newman Lake, through State Line Village, into Cable Creek

T51N T50N

R5W R6W

North

2 1

Idaho

State Line

Washington

T 51N T 50N

Max. flood swash line 2,600'

2125'

1980'

~1400' (Idaho Road, WA - Adema, 1999) Bedrock/Sediment interface

~1550'

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

YXgn

Tbgf
(Eocene granite)

Kog

Qgm (5d)
sheet with scoured disconconformities

Qgm 5e

Qgb (5f)
abandoned meandering channel

Qmb (5d)
bar facies

Qspv
eddy bar

Q3 / Q4

Q1 / Q2 ?

Section 7

Section 5

Section 3

Paleovalley Center near Ancient and Modern Valley Constriction

State Line Village

HWY 90

Spokane River ~mile 97, 2034'

flood bar

high energy bar

low flow silts

granite

cathodic protection

Hydrofacture log no (?) lithology record

Poe Asphalt, H2O, 1994, 188', 51N 05W 30 CCC1 (X section 3)
47 45 54N, 117 01 22W, 2114

WA 28N 46W 30 DD1
47 45 44N, 117 02 49W, 2107'

JRB, United, 2005, 182'

JRB, United, 2005, 185', 51N 06W 1 CAC1, 47 42 21N, 117 02 13W, 2104'

Jacklin Seed_CWT, 1952, 168', 51N 06W 1 DDD1
47 41 30N, 117 01 54W, 2073'

~2125', City of Post Falls, H2O, 2007, 282', 50N 06W 1 SE SE

~2125', City of Post Falls, H2O, 2007, 255', 50N 06W 1 SE SE

~2065', Scanlon, H2O, 1995, 137', 50N 06W 12 NW SW

~2060', Kootenai, H2O, 1995, 137', 50N 06W 12 SE NW

~2100', Abbott, McCarty, 2004, 179', 50N 06W 12 SE SW

~2100', Davidson, United, 2003, 183', 50N 06W 12 SW SE

~2100', Tullenars, Bronson, 1990, 170', 50N 06W 12 SW SE

~2080', Wenger, H2O, 1996, 160', 50N 06W 12 NE SE

~2100', Lloyd, H2O, 2000, 165', 50N 06W 12 SE SE

~2090', Roman, H2O, 2003, 183', 50N 06W 13 NW NE

~2140', Pizat, United, 2003, 220', 50N 06W 13 SW NW

~2125', Smith, H2O, 2000, 200', 50N 06W 13 NW SE

~2140', Hitchcock, Holman, 1971, 209', 50N 06W 13 E1/2 SW

~2125', Mastrolia, Tacoma, 1998, 170', 50N 06W 13 NE SW SW

~2140', Olsen, Aqua, 1992, 250', 50N 06W 13 SE

~2180', Blackmen, Holman, 1968, 100', 50N 06W 13 SE SW

~2140', Beck, Spokane, 1975, 1975', 50N 06W 13 E1/2 SW

~2300', Bitterman, mcCarty, 2000, 168', 50N 06W 13 NW SE

~2140', Beck/Sines, Holman, 1970, 310', 51N 06W 25 NW NW

~2140', Voct, Holman, 1974, 205', (488'? frac log?), 51N 05W 30 NW NW

~2120', Beck, Holman, 1975, 195', 51N 06W 25 NW SW

~2110', Shur, Gish, 1979, 150', 51N 06W 36 NE

~2095', Central PreMix, Bronson, 2007, 190', 51N 06W 36 SWSE

~2095', McKim, Zinkgraf, 1971, 162', 51N 06W 36 SE SE

~2095', Boness, H2O, 1993, 146', 51N 06W 36 SE SE

~2100', Ramney, Bronson, 1997, 160', 50N 06W 1 NE SW

2700	2600	2500	2400	2300	2250	2200	2100	2000	1900	1800	1700	1600	1500	1400

0 Mile 1

0 Kilometer 1

Vertical exaggeration x8.5
Vertical scale in FEET

SCALE

George Gruber, January 31 2008