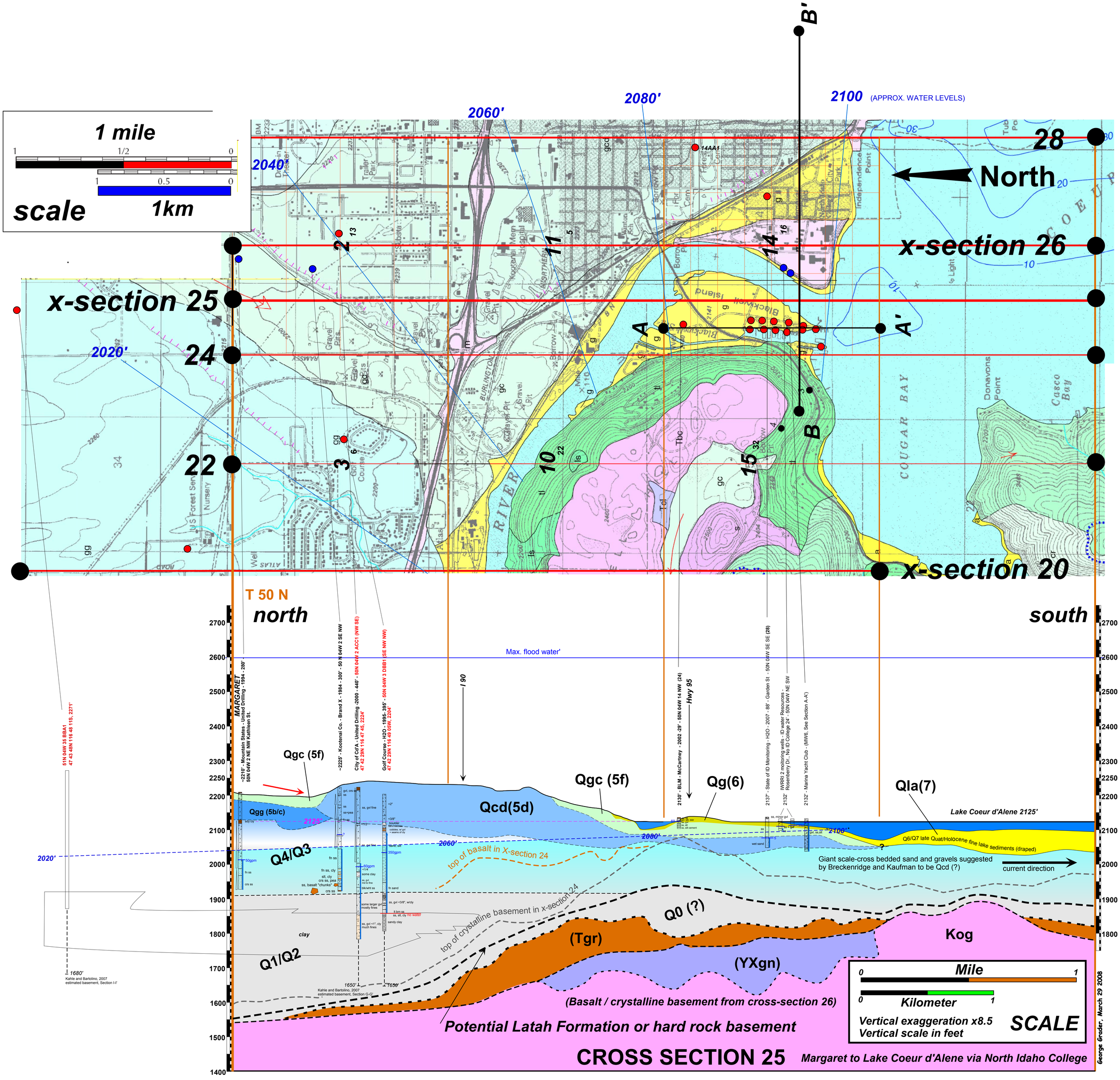
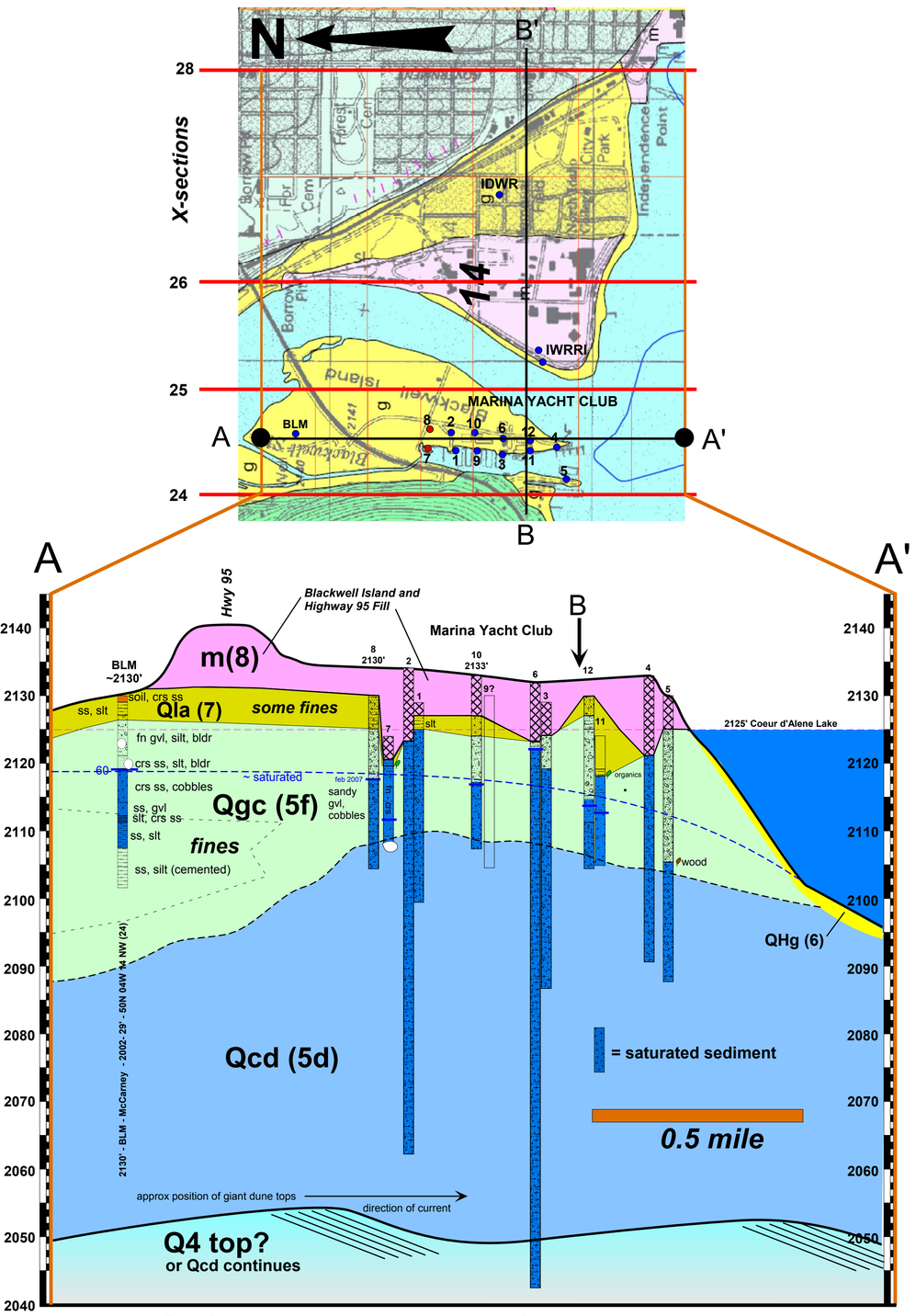

1 mile
1 1/2 0
1 0.5 0
scale 1km
2060'
2080'
2100 (APPROX. WATER LEVELS)
2040'
2020'
B'
A
A'
B
28
North
x-section 26
x-section 25
24
22
x-section 20
14AA1
2
13
11
5
14
16
10
22
15
32
3
6
34
RIVER
COUGAR BAY
Donavons Point
Casco Bay
Blackwell Island
Burlington
Golf Course
Gravel Pits
Trailer Park
Nursery
U S Forest Service
Independence Point
T 50 N
north
south
MARGARET
~2210' - Mountain States - United Drilling - 1994 - 280'
50N 04W 2 NE NW Kathleen St.
~2225' - Kootenai Co. - Brand X - 1984 - 300' - 50 N 04W 2 SE NW
City of Cd'A - United Drilling -2000 - 440' - 50N 04W 2 ACC1 (NW SE)
47 42 29N 116 47 45, 2224'
Golf Course - H2O - 1995- 395' - 50N 04W 3 DBB1 (SE NW NW)
47 42 29N 116 48 05W, 2204'
Max. flood water'
I 90
2130' - BLM - McCartney - 2002 -29' - 50N 04W 14 NW (24)
Hwy 95
2137' - State of ID Monitoring - H2O - 2007 - 88' - Garden St. - 50N 04W SE SE (28)
2132' IWRRI 2 moitoring wells - ID water Resources - Rosenberry Dr., No ID College 24' - 50N 04W NE SW
2132' - Marina Yacht Club - (MW6, See Section A-A')
51N 04W 35 BBA1
47 43 48N 116 48 11S, 2271'
Qgc (5f)
Qgg (5b/c)
Qcd(5d)
Qgc (5f)
Qg(6)
Qla(7)
Lake Coeur d'Alene 2125'
2125'
2020'
2060'
2080'
2100'
Q4/Q3
Q1/Q2
top of basalt in X-section 24
top of crystalline basement in x-section 24
Q6/Q7 late Quat/Holocene fine lake sediments (draped)
Giant scale-cross bedded sand and gravels suggested by Breckenridge and Kaufman to be Qcd (?)
current direction
Q0 (?)
(Tgr)
(YXgn)
Kog
clay
1680'
Kahle and Bartolino, 2007
estimated basement, Section I-I'
1650'
1650'
Kahle and Bartolino, 2007
estimated basement, Section G-G'
(Basalt / crystalline basement from cross-section 26)
Potential Latah Formation or hard rock basement
Mile
Kilometer
Vertical exaggeration x8.5
Vertical scale in feet
SCALE
CROSS SECTION 25
Margaret to Lake Coeur d'Alene via North Idaho College
George Grader, March 29 2008



N-S Cross section of Blackwell Island

yacht club

Idaho College

~ 1332' - IWRRI 2 moitoring wells Rosenberry Dr., No ID College 2

~ 2137' - State of ID Mor

0.25 mile

(1380 feet)

50 feet

Vert. exaggeration X42

CROSS_SECTION SCALE

#12/ 6

m(8)

#11

#5

Qla (7)

gvl w/ ss

cobbles, sand

sand

sand, fn gvl

ss + gvl

ss + gvl

organics

wood

ss

sand

Qgc (5f)

5 gpm (2007)

Qcd (5d)

10 gpm

saturated

Ts

Q4 (or Qcd)
Large Scale
Foresets towards
reader

crs ss
some gvl

Q3 Moderately well
sorted sandy gravel

Tgr

Q2 ?

fine sand
with clay

82

Q1

ssive mud balls
d flood quarried
salt

TS

Kog

YXgn

Tgr