Legend

Wells < 400

Well_Yield (gpm)

- 0
- 20
- 40
- 75
- 120
- 300
- 350
- 800
- 900
- 1000
- 1400
- 1436
- 1481
- 1500
- 1661
- 1700
- 1750
- 1800
- 1930
- 1950
- 2000
- 2064
- 2244
- 2600
- 2783
- 2827
- 3007
- 3097
- 3142
- 3456
- 3550
- 4264
- 5000

Well yield for wells deeper than 400 feet.

Canal

Snake River

Water Body

State Highway

ABID Boundary

Municipality

0 1 2 4 Miles

NED Shaded Relief

6000 feet elevation

3673 feet elevation

Locations of Geologic Cross Sections

Mini. Grz. Assoc.

Engstrom

Butte

Phillips

Sid Butte

Commons

Harmon

22C724

27A725

Crater Butte

30A724

32A724

Blincoe

5C823

1B823

30B724

3B824

Kimama Butte

Kerbs

Star L. Catt. Assoc.

Butte

E

E'

D'

17C823

12D823

11C824

3C825

MINIDOKA

Sparks

Hunsaker

BOR

C'

B'

22A821

30A822

25A822

27A823

24A828

30B824

23A824

23A825

Smith

BLM

24A825

Bailey

31A824

3A923

Kester

Southwick

1A921

3C921

7A922

9B922

A&B New replacement

10A922

11B922

3B921

9A921

Walters

Selbold

U.S.F&W

Wrigley

BR L&L Co.

D

20A922

23A922

22B922

22A922

30A922

Main North Side Canal

Main South Side Canal

Nelson

Baker

C

28A922

22C922

Paul City #1

Labor Camp

MV Foods

Rupert City #2

Rupert City #1

RUPERT

Rasmussen

Rainbow Ranch

A'

2A1021

33C922

33B922

Amal. S. Co.

Paul City #2

3A1022

7A1022

13AD1021

Hazelton Butte

B

Four H farms

A

A&B Domestic

Burley City 2

Whittaker

Heyburn City

Heyburn City (test)

Frenchman's Island

Newcomb

Kearl

Butte

Burley Well 5

Chevron

DECLO

BURLEY

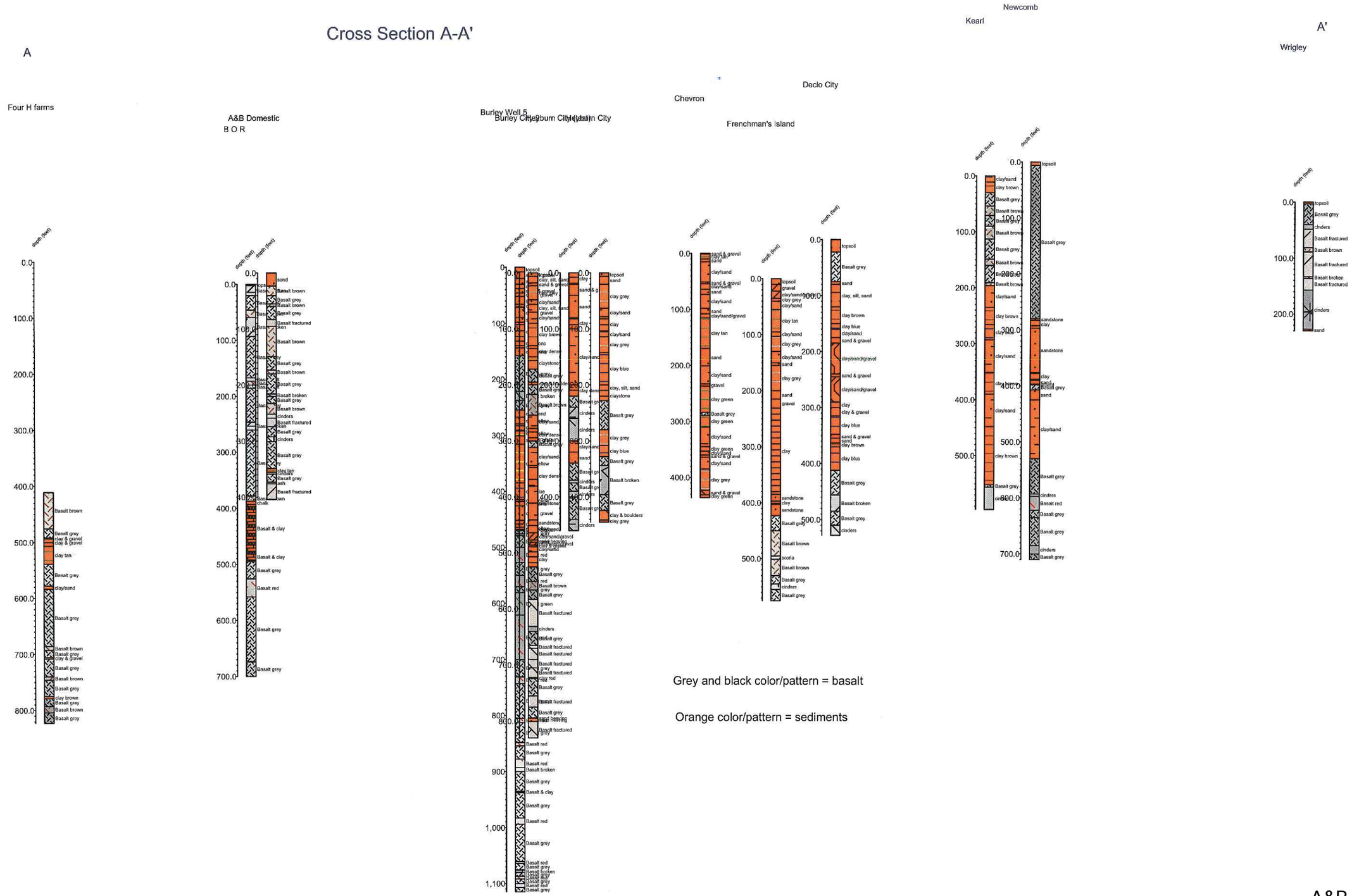
Cotterel Mountains

Horse Butte

A&B 83

Source: District Boundaries and irrigated area, IDWR; Wells within A&B from A&B data; Wells outside A&B District from IDWR.

Cross Section A-A'



Grey and black color/pattern = basalt

Orange color/pattern = sediments

Cross Section B-B'
Four H farms
2A1021
13AD1021
7A1022
33B922
33C922
3A1022
Paul City
Besel
Amal. S.
Labor Camp
MV Foods
Rupert City
Baker
Southwick
Hunsaker
Grey and Black Color/Pattern = Basalt
Orange Color/Pattern = Sediments

Cross Section C-C'

Grey and Black Color/Pattern = Basalt

Orange Color/Pattern = Sediments

Cross Section D-D'

BR L&L Co.

1A921

7A922

10A922

11B922

3B921

3C921

A&B New replacement

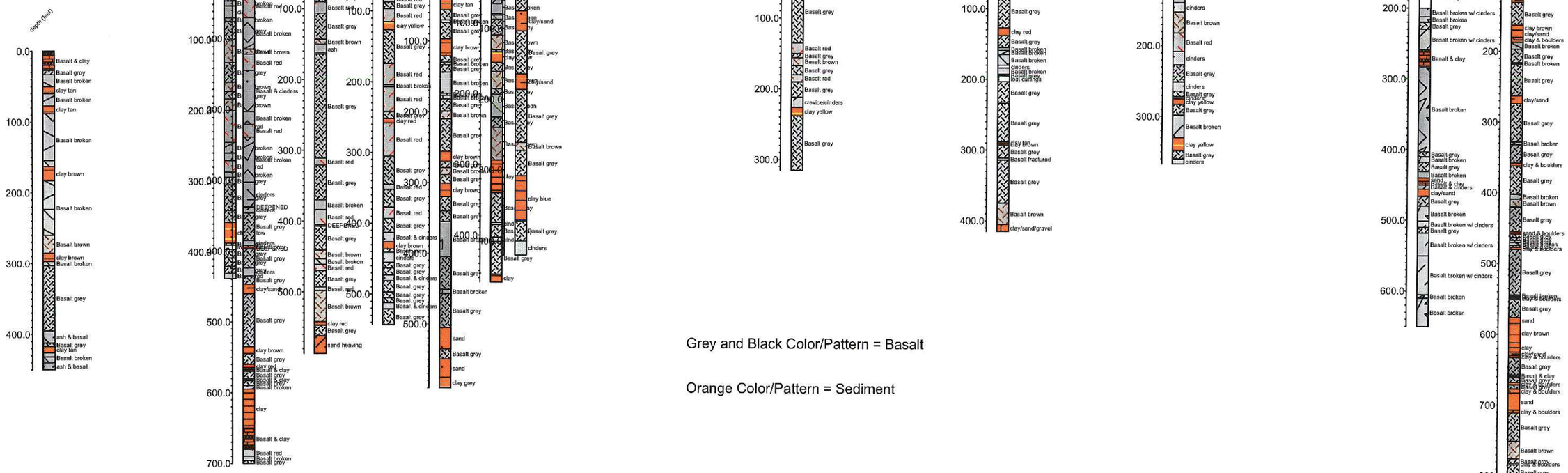
24A823

11C824

3C825

BOR

Hunsaker



Grey and Black Color/Pattern = Basalt

Orange Color/Pattern = Sediment

A&B 87

Star L. Catt. Assoc.

Cross Section E-E'

E

Kerbs

22A821

30A822

Blincoe

5C823

1B823

30A724

32A724

22C724

Harmon

27A725

BOR

Hunsaker

E'

Grey and Black Color/Pattern = Basalt

Orange Color/Pattern = Sediments

Legend

Wells < 400

Well_Yield (gpm)

- 0
- 20
- 40
- 75
- 120
- 300
- 350
- 800
- 900
- 1000
- 1400
- 1436
- 1481
- 1500
- 1661
- 1700
- 1750
- 1800
- 1930
- 1950
- 2000
- 2064
- 2244
- 2600
- 2783
- 2827
- 3007
- 3097
- 3142
- 3456
- 3550
- 4264
- 5000

Well yield for wells deeper than 400 feet.

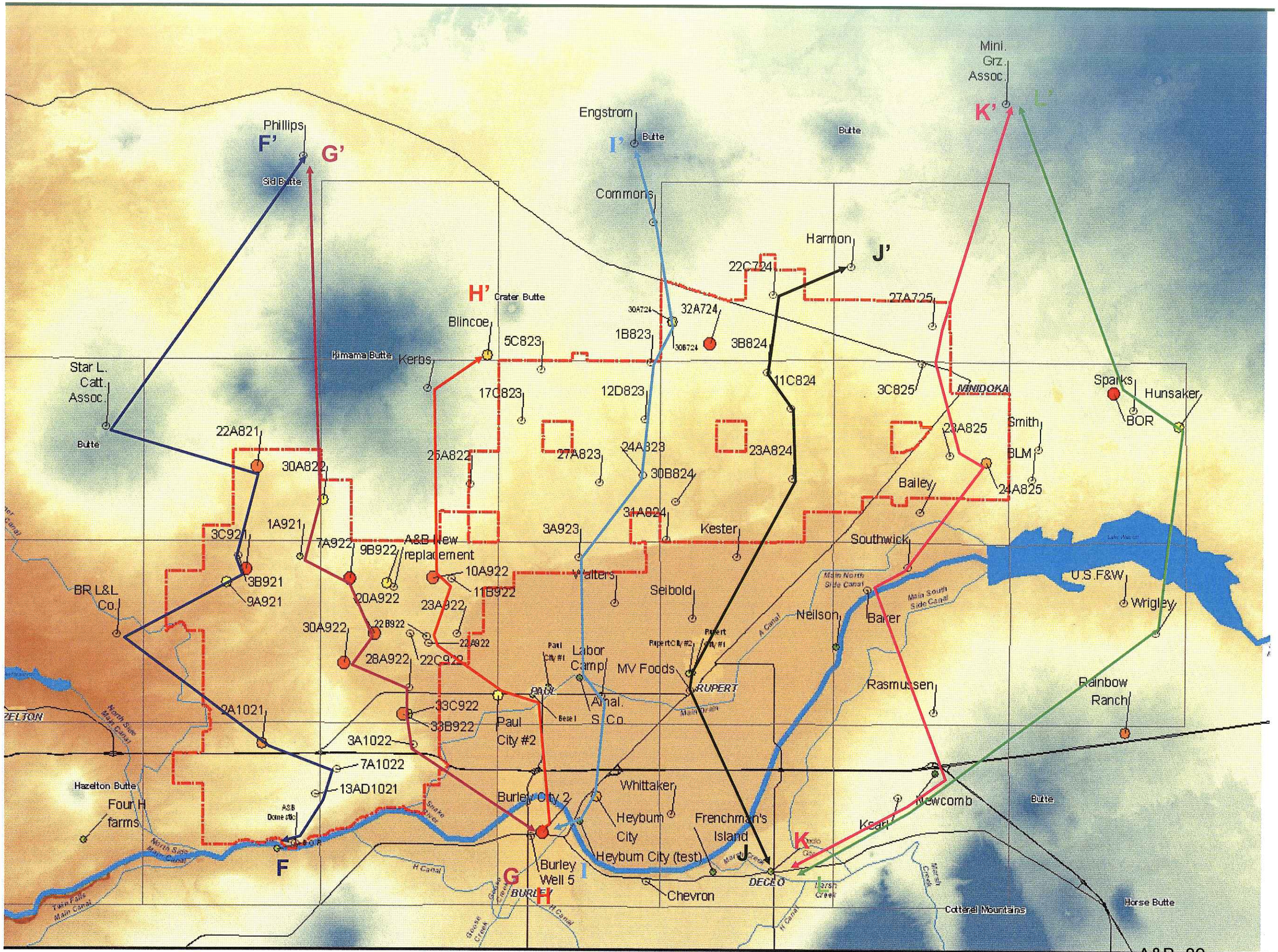
- Canal
- Snake River
- Water Body
- State Highway
- ABID Boundary
- Municipality

0 1 2 4 Miles

NED Shaded Relief

6000 feet elevation

3673 feet elevation



Source: District Boundaries and irrigated area, IDWR; Wells within A&B from A&B data; Wells outside A&B District from IDWR.

Star L. Catt. Assoc.

Cross Section F-F'

F

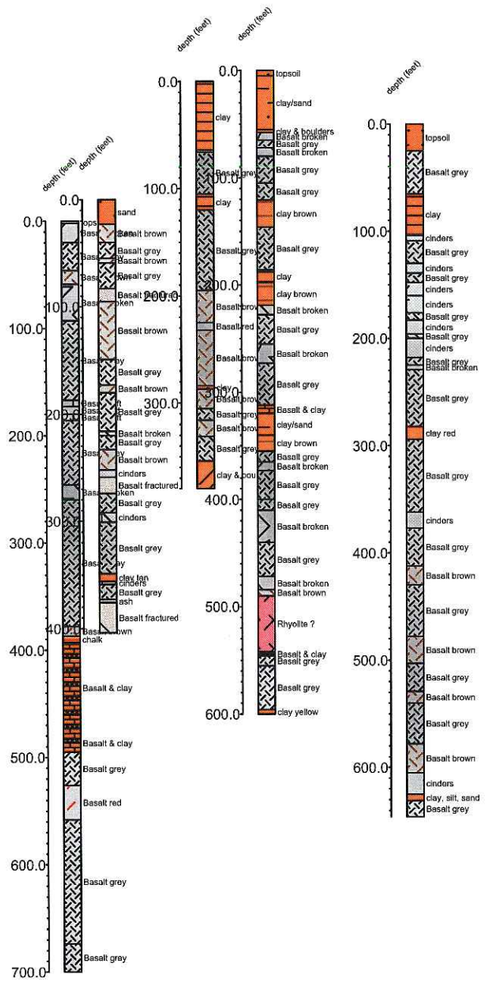
13AD1021

7A1022

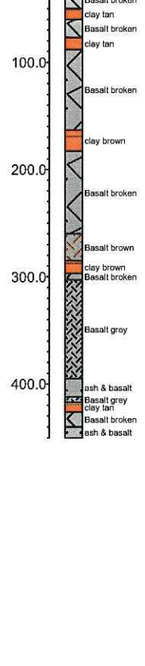
2A1021

A&B Domestic

B O R



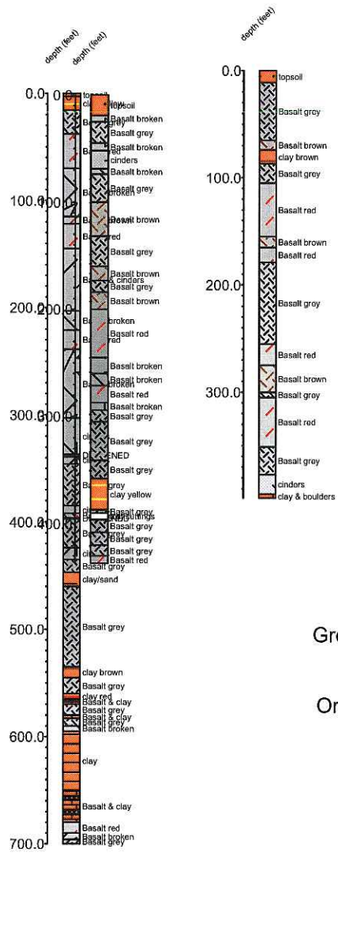
BR L&L Co.



3C921

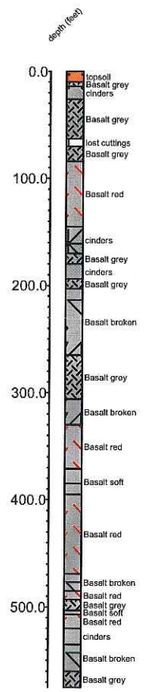
3B921

22A821



Phillips

F'



Grey and Black Color/Pattern = Basalt

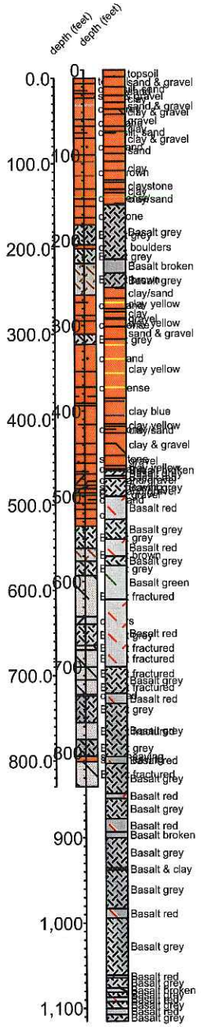
Orange Color/Pattern = Sediments

Phillips

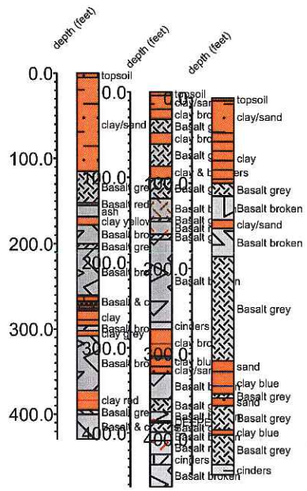
Cross Section G-G'

G

Burley Well 5
Burley City 2



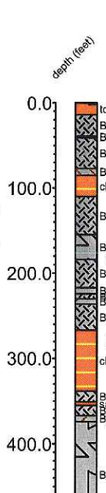
3A1022



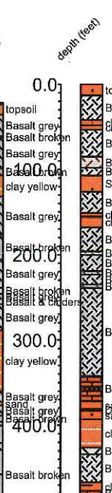
33C922

28A922

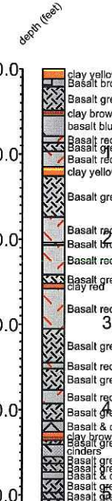
30A922



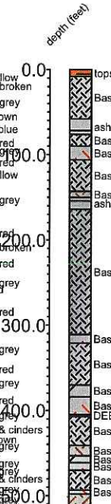
20A922



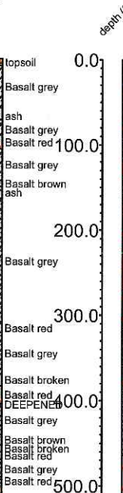
7A922



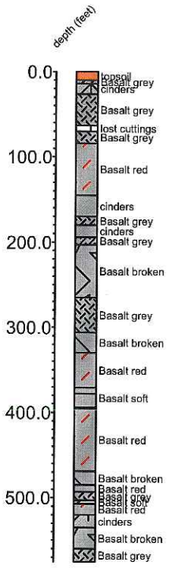
1A921



30A822



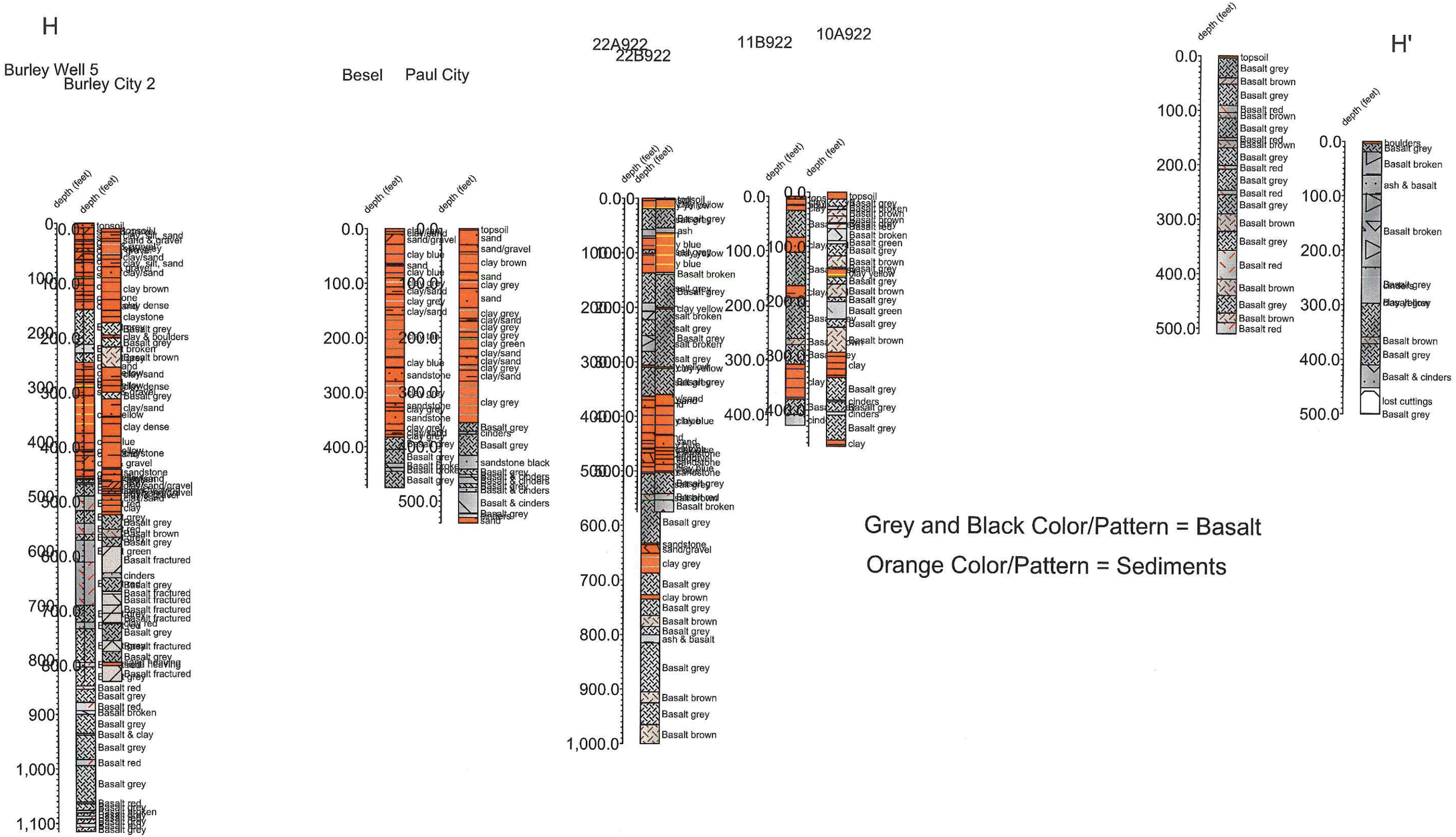
G'



Grey and Black Color/Pattern = Basalt

Orange Color/Pattern = Sediments

Cross Section H-H'

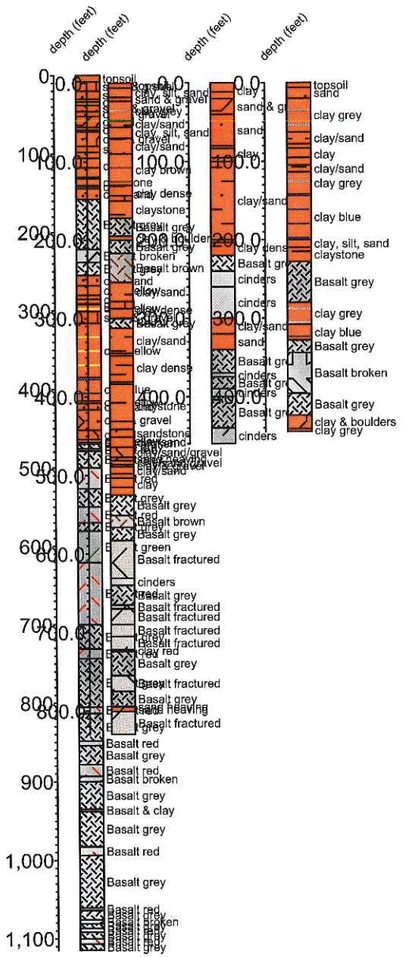


A&B 92

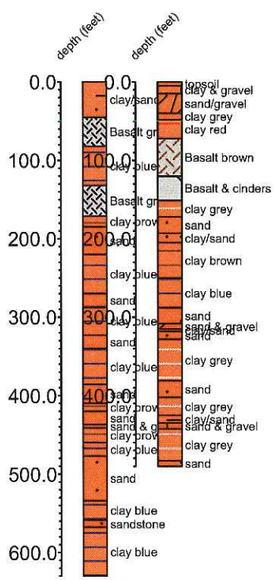
Cross Section I-I'

I

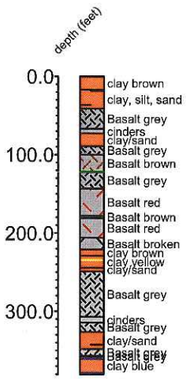
Burley Well 5
Burley City 2
Heyburn City (test)
Heyburn City



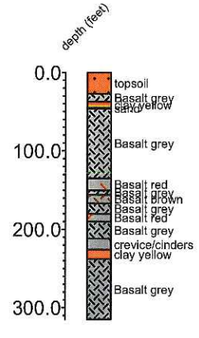
Amal. S. Co.
Labor Camp



3A923

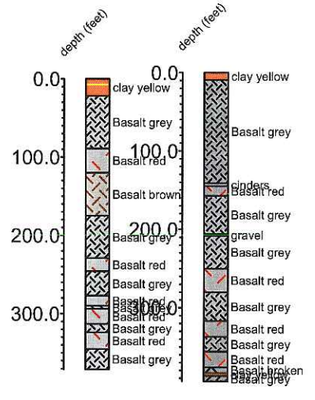


24A823



1B823

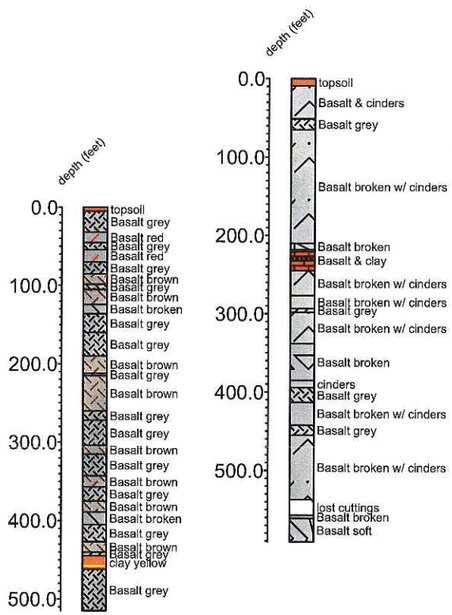
30A724



Engstrom

I'

Commons



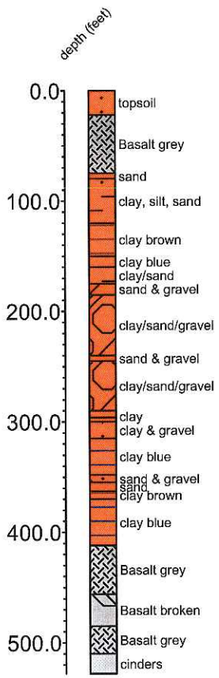
Grey and Black Color/Pattern = Basalt

Orange Color/Pattern = Sediments

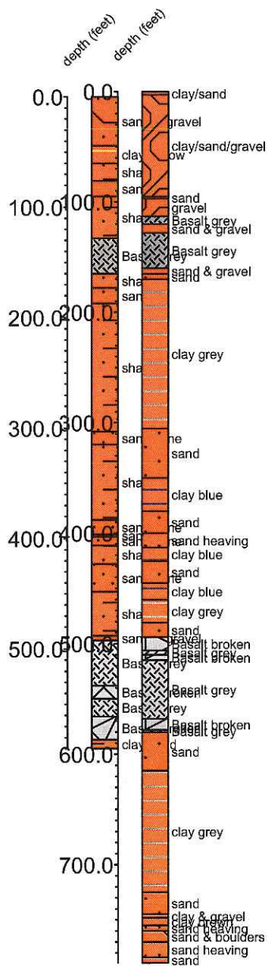
Cross Section J-J'

Declo City

J

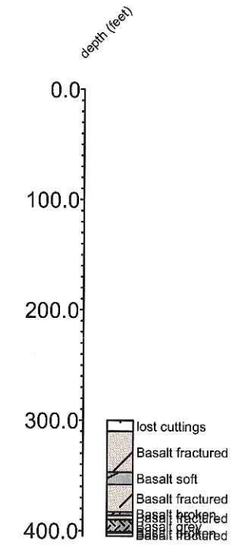


Rupert City
MV Foods

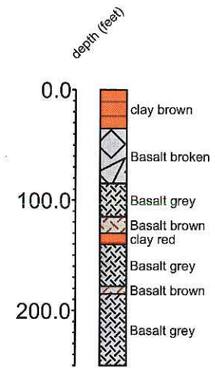


Harmon

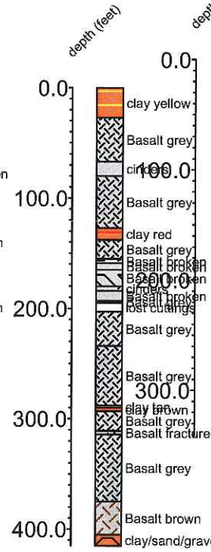
J'



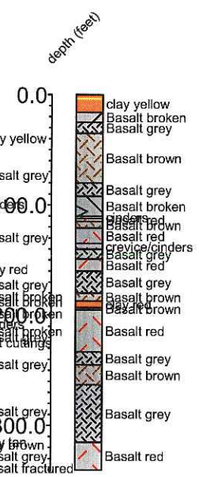
23A824



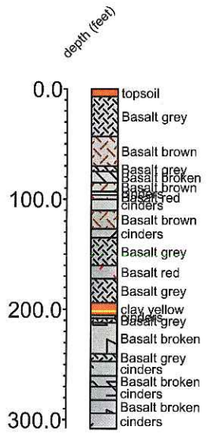
11C824



3B824



22C724



Grey and Black Color/Pattern = Basalt

Orange Color/Pattern = Sediments

Cross Section K-K'

Cross Section L-L'

Mini. Grz. Assoc.

L

Declo City

Kearl

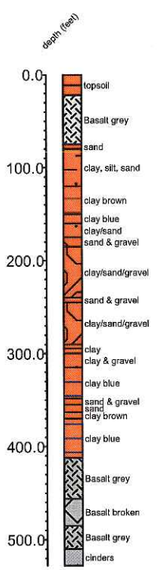
Newcomb

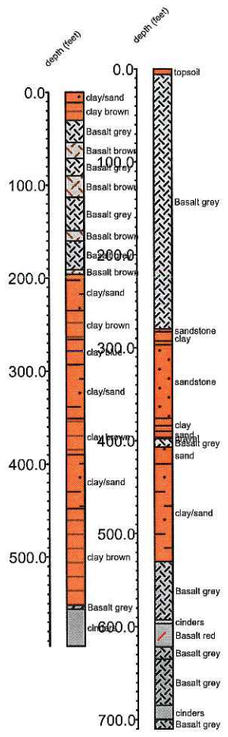
Wrigley

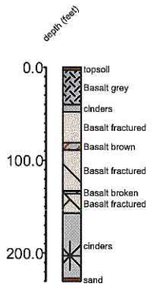
Hunsaker

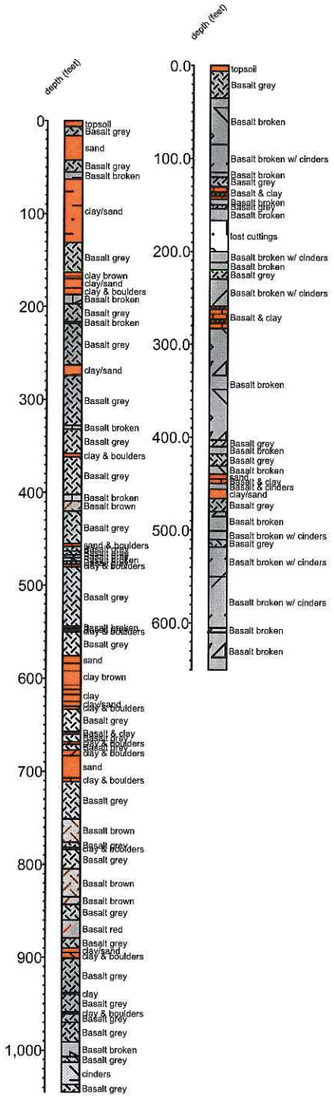
BOR

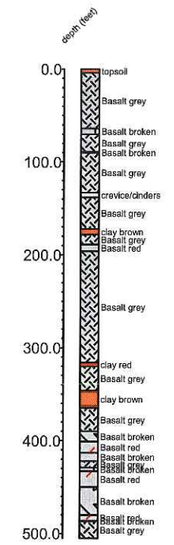
L'





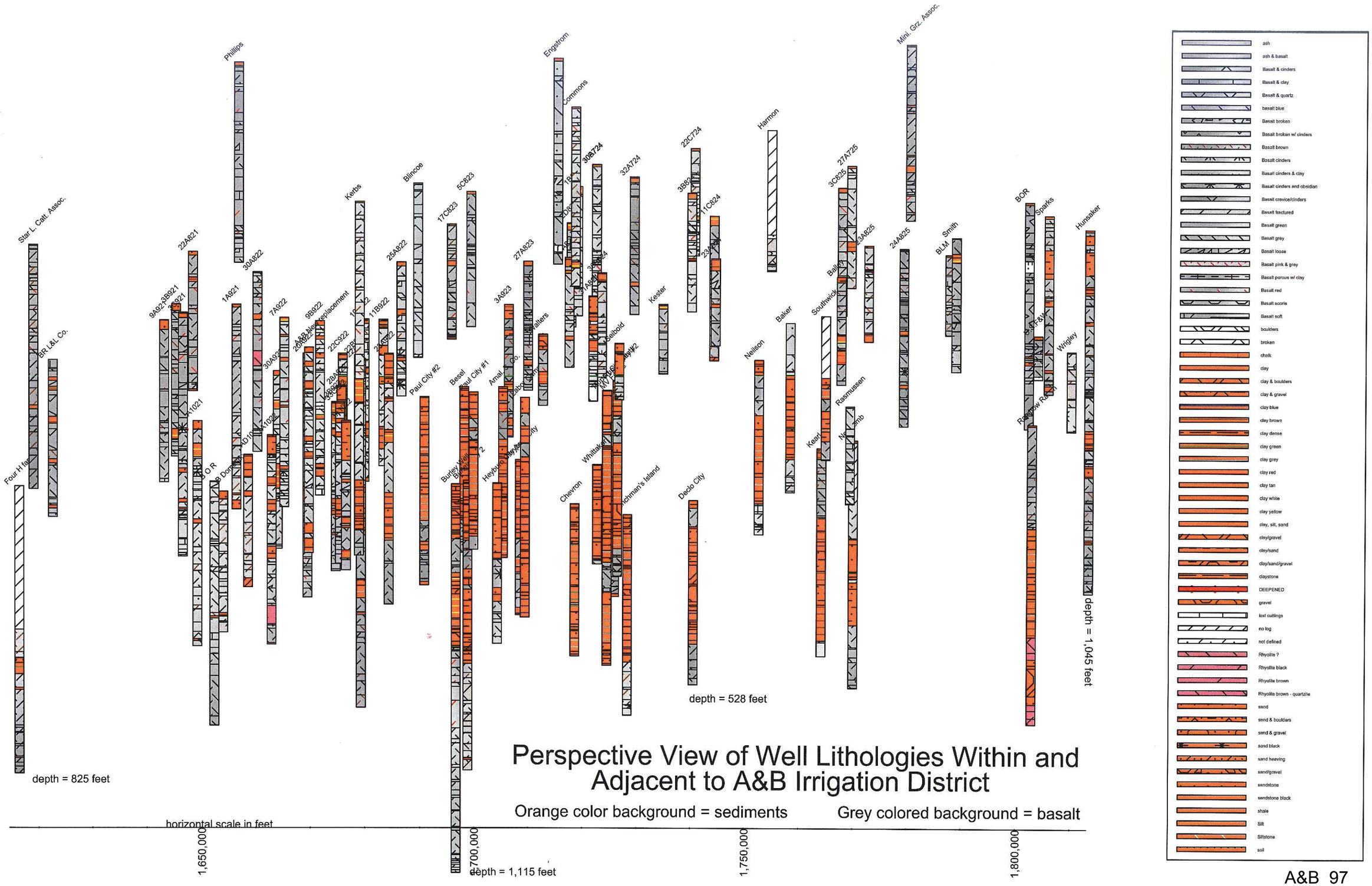






Grey and Black Color/Pattern = Basalt

Orange Color/Pattern = Sediment



Perspective View of Well Lithologies Within and Adjacent to A&B Irrigation District

Orange color background = sediments

Grey colored background = basalt