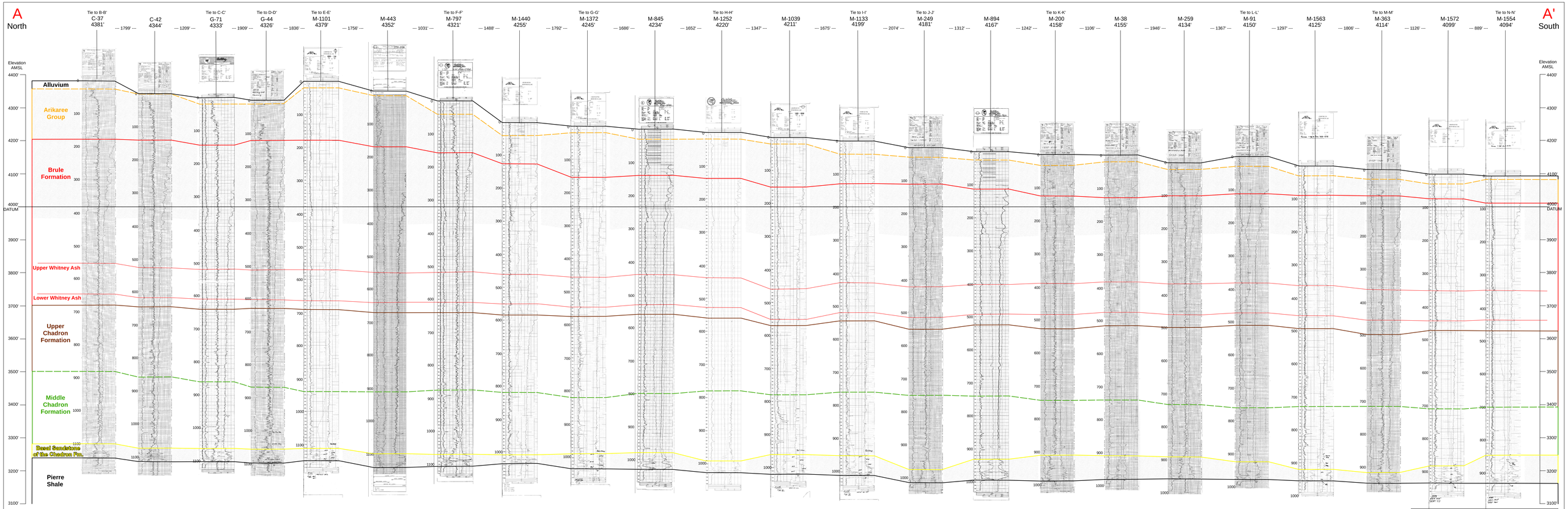


Legend

Vertical Scale
0 feet
50 feet
100 feet
200 feet

Geophysical Log Explanation
Gamma Ray Curve
Resistivity Curve
Spontaneous Potential (SP) Curve

Saturated Zone

Horizontal Scale as Designated

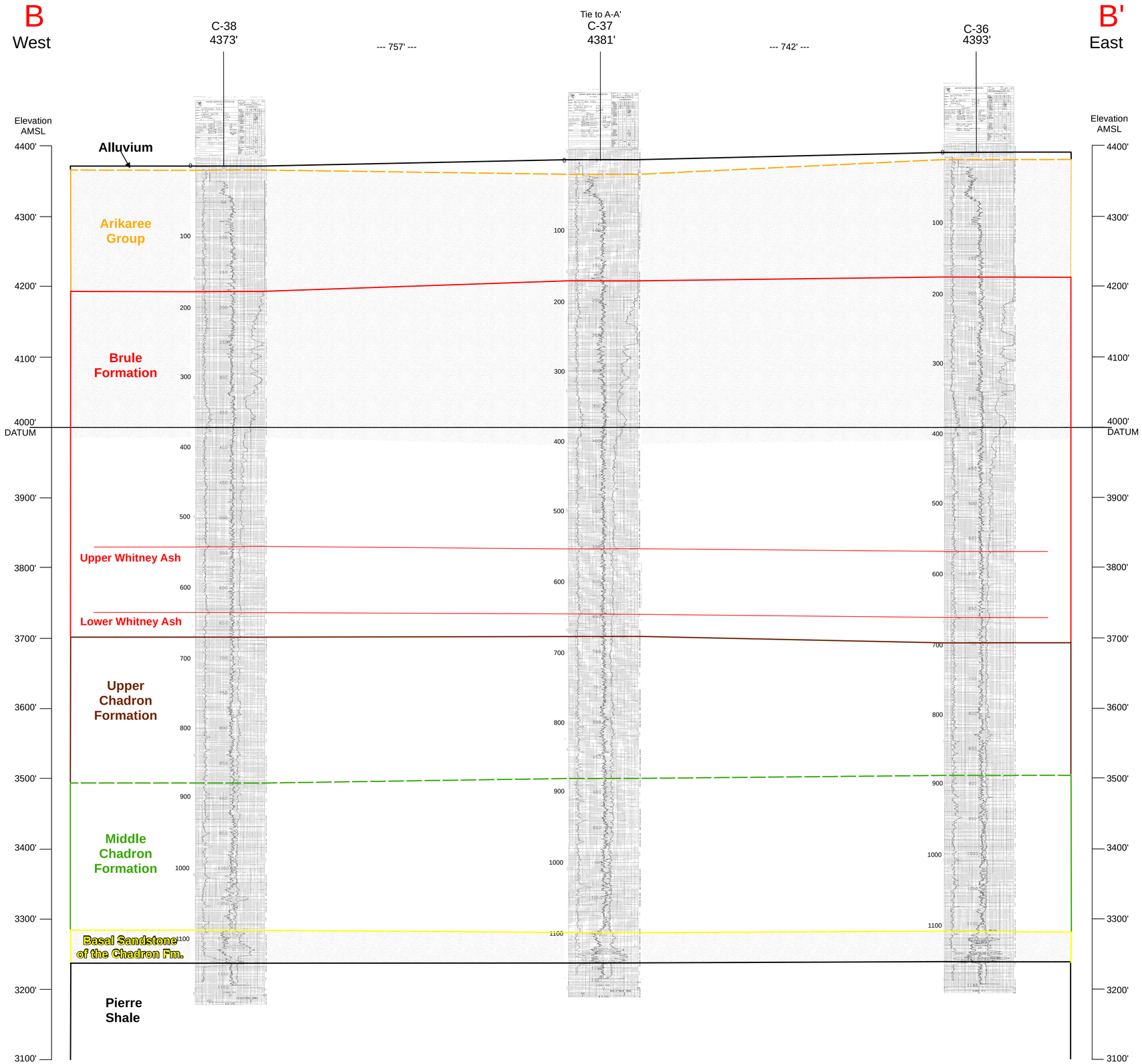
AMSL: Above Mean Sea Level

Crow Butte Resources, Inc

Figure 2.6-3a
Marsland Structural Cross Section A-A'

Scale: See Scale Bar	Date: 12/15/2016
C:\Users\js4616\Desktop\BROM TEMP\TR-MRCTR_A-A'.mxd	Checked by: JS

Looking East



Legend

Vertical Scale

0 feet

50 feet

100 feet

200 feet

Horizontal Scale
as Designated

Geophysical Log Explanation

Gamma Ray Curve

Resistivity Curve

Spontaneous Potential (SP) Curve

Saturated Zone

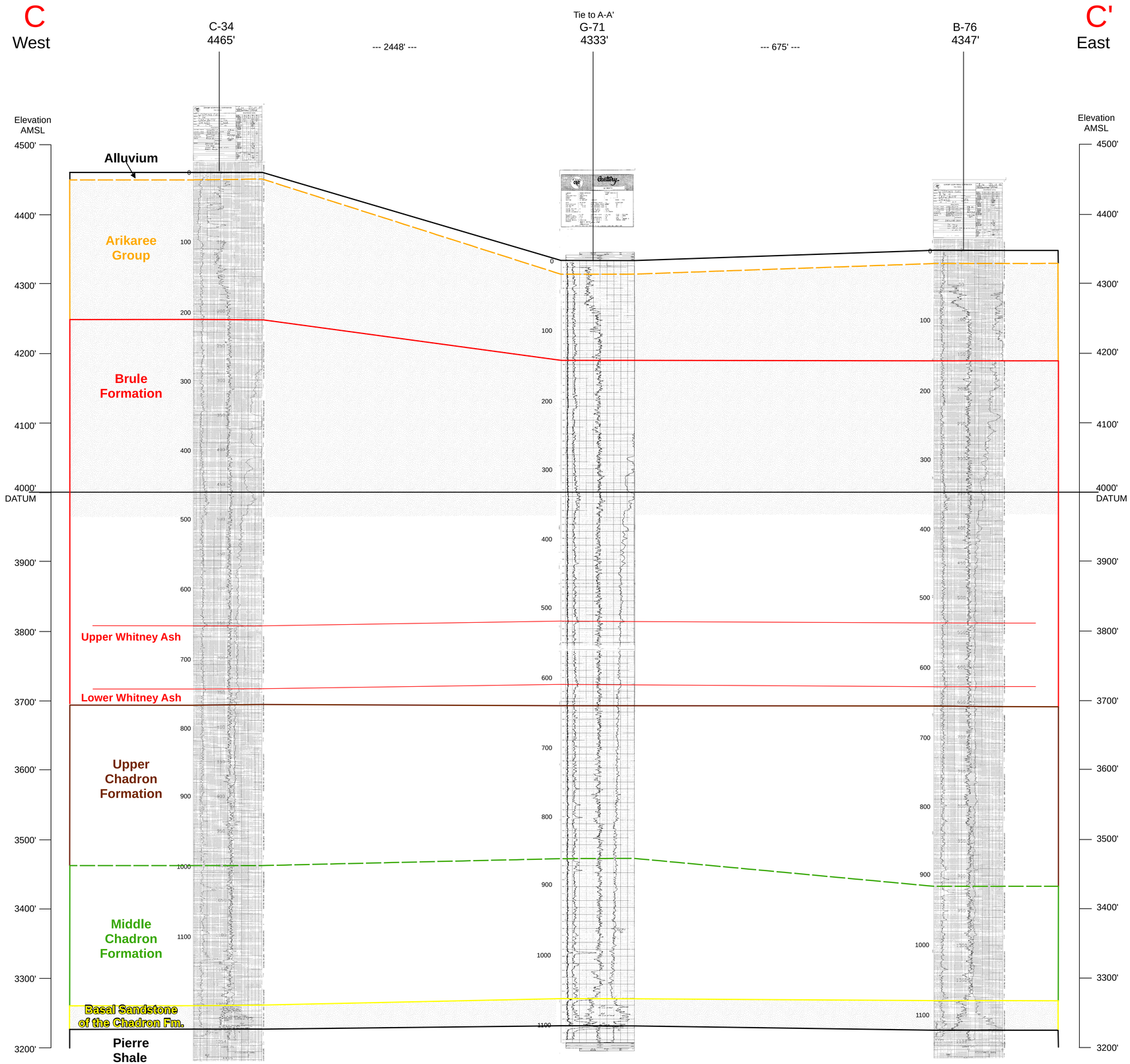
AMSL: Above Mean Sea Level

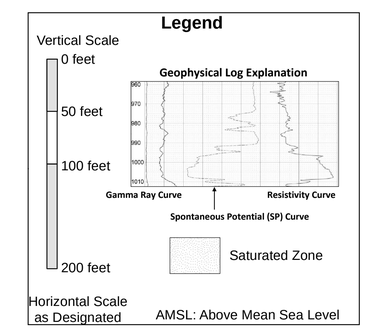
Crow Butte Resources, Inc

Figure 2.6-3b
Marsland Structural
Cross Section B-B'

Scale: See Scale Bar	Date: 12/12/2016
C:\Users\ca04142\Desktop\DBGW TEMP\TR-NRC\TR_B-B'.mxd	Checked by: JS

Looking North



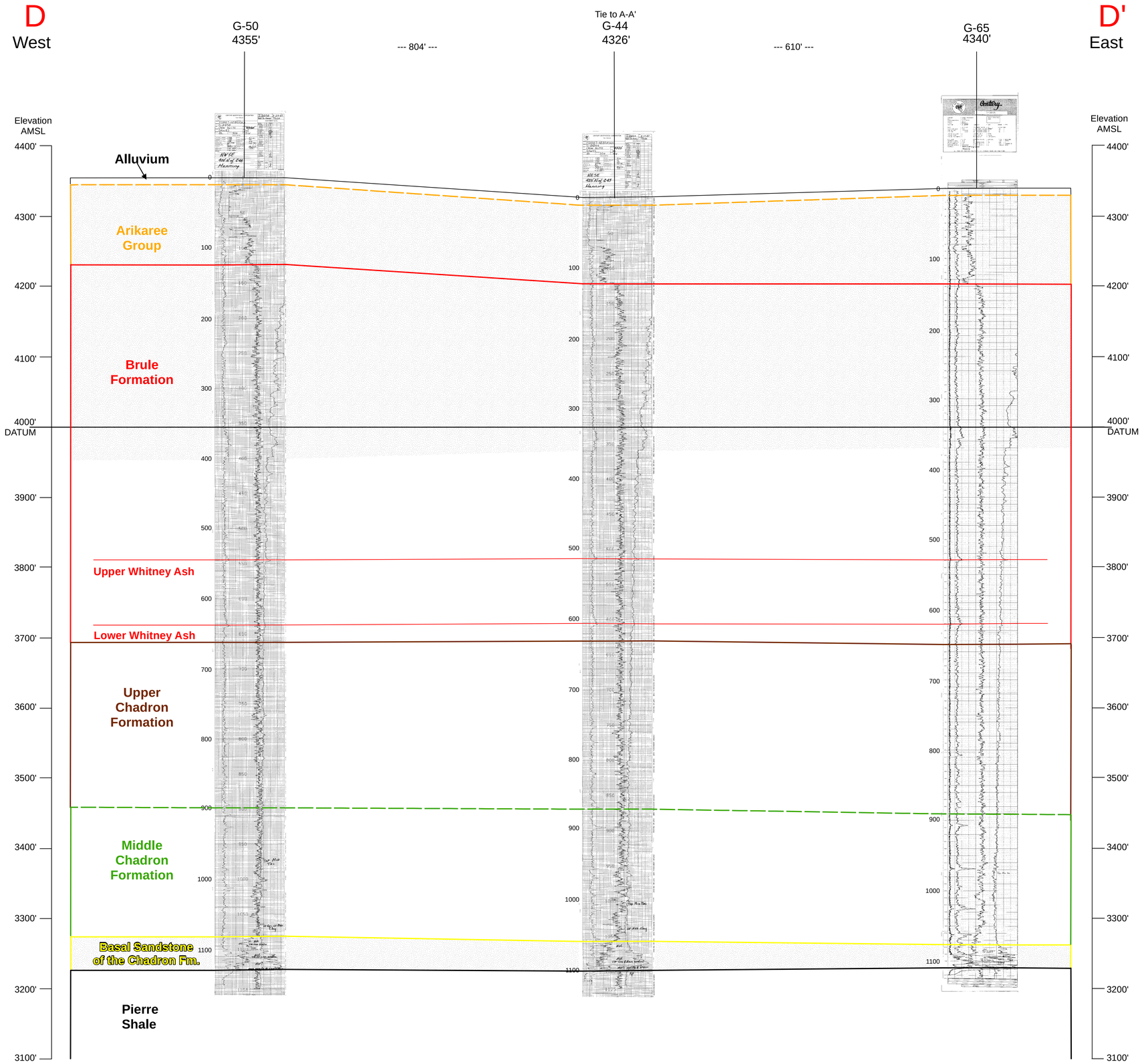


Crow Butte Resources, Inc

Figure 2.6-3c
Marsland Structural
Cross Section C-C'

Scale: See Scale Bar	Date: 12/12/2016
C:\Users\ca041420\Desktop\DBOW TEMP\TR-NRC\TR_C-C'.mxd	Checked by: JS

Looking North



Legend

Vertical Scale

0 feet

50 feet

100 feet

200 feet

Geophysical Log Explanation

Gamma Ray Curve

Resistivity Curve

Spontaneous Potential (SP) Curve

Saturated Zone

Horizontal Scale
as Designated

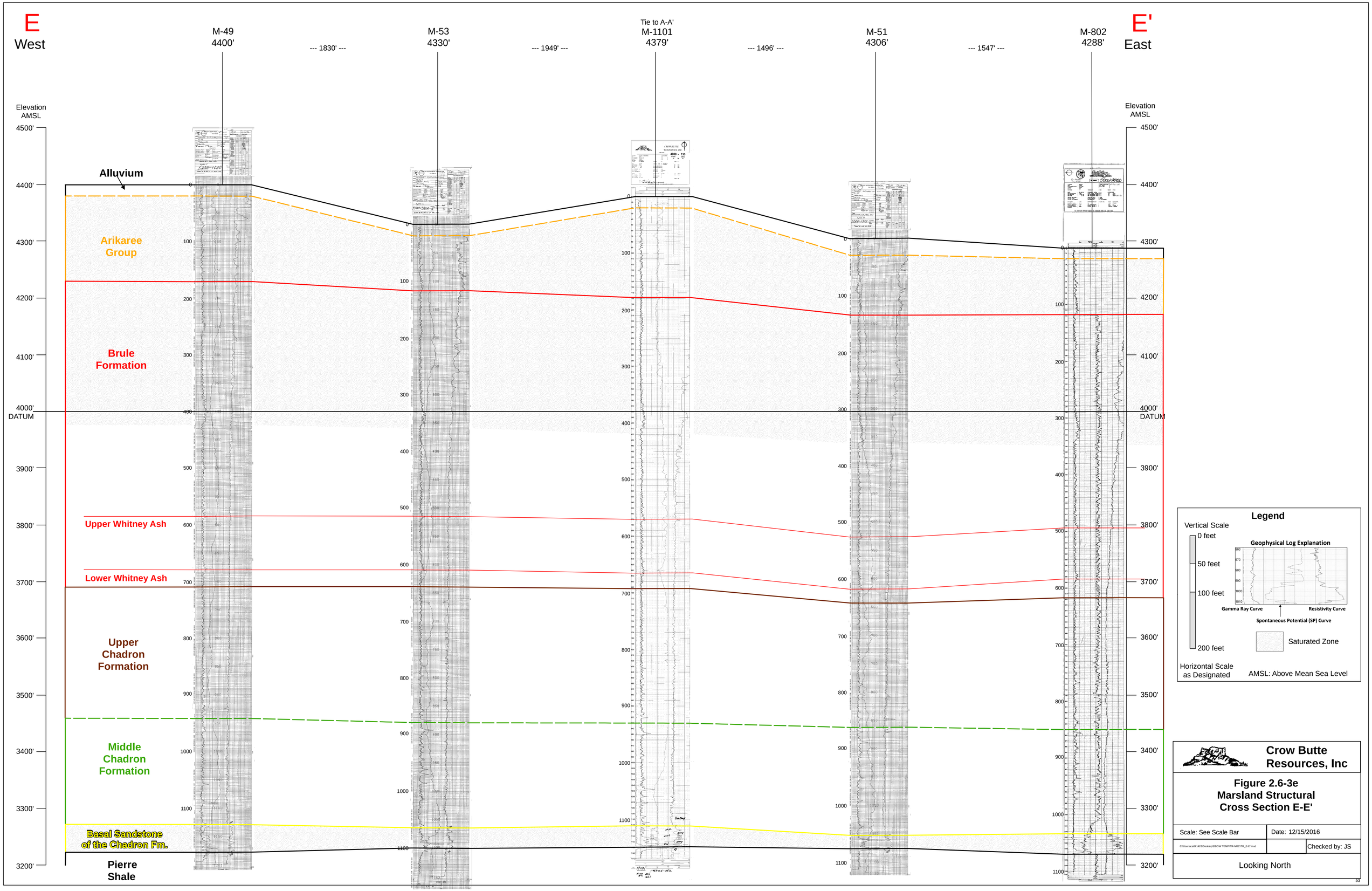
AMSL: Above Mean Sea Level

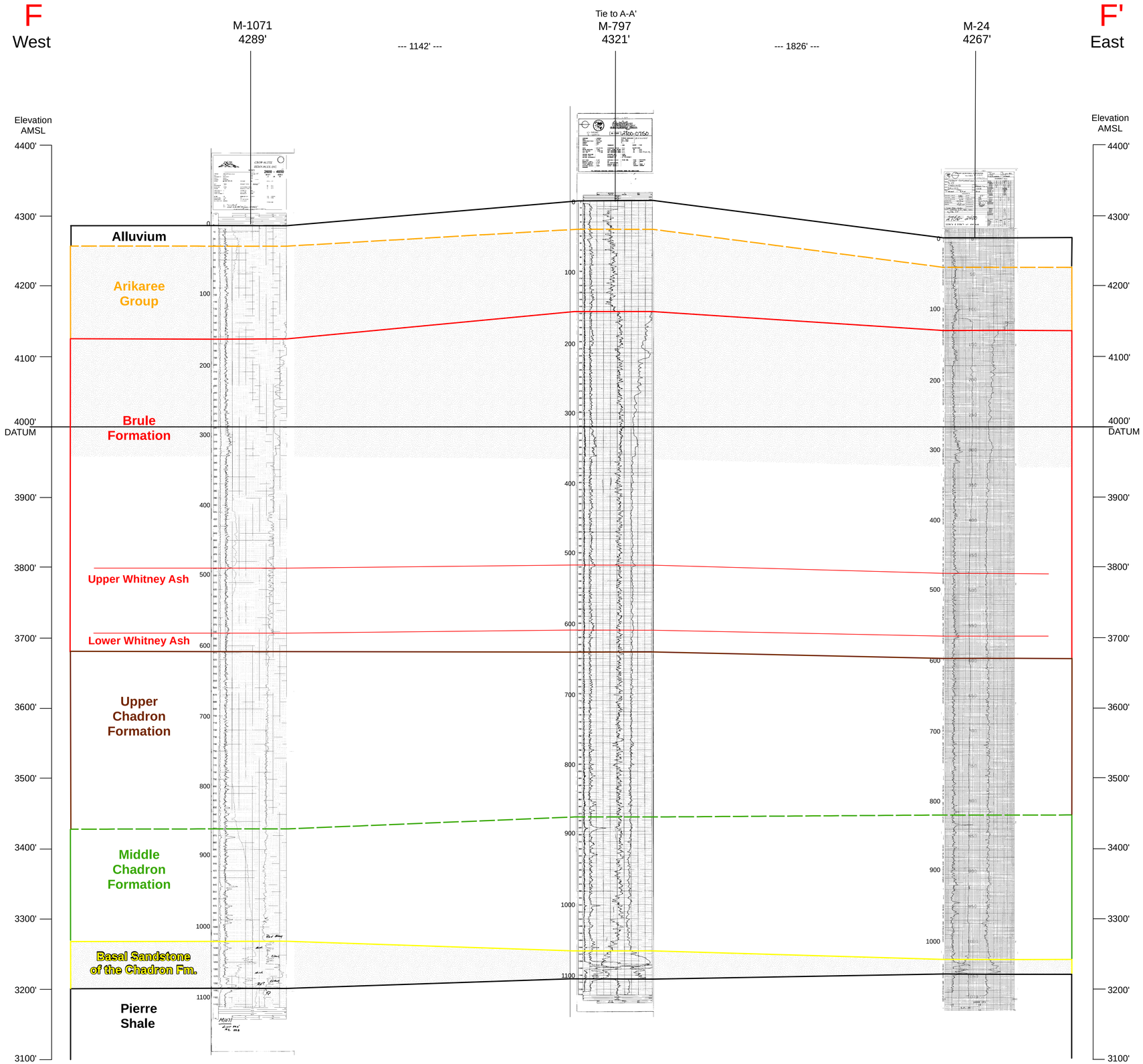
Crow Butte Resources, Inc

Figure 2.6-3d
Marsland Structural
Cross Section D-D'

Scale: See Scale Bar	Date: 12/12/2016
C:\Users\ca041428\Desktop\DBOW TEMPTFR-NRCTR_D-D'.mxd	Checked by: JS

Looking North


E
West
E'
East
M-49
4400'
--- 1830' ---
M-53
4330'
--- 1949' ---
Tie to A-A'
M-1101
4379'
--- 1496' ---
M-51
4306'
--- 1547' ---
M-802
4288'
Elevation
AMSL
4500'
4400'
4300'
4200'
4100'
4000'
DATUM
3900'
3800'
3700'
3600'
3500'
3400'
3300'
3200'
Alluvium
Arikaree
Group
Brule
Formation
Upper Whitney Ash
Lower Whitney Ash
Upper
Chadron
Formation
Middle
Chadron
Formation
Basal Sandstone
of the Chadron Fm.
Pierre
Shale
Legend
Vertical Scale
0 feet
50 feet
100 feet
200 feet
Geophysical Log Explanation
Gamma Ray Curve
Resistivity Curve
Spontaneous Potential (SP) Curve
Saturated Zone
Horizontal Scale
as Designated
AMSL: Above Mean Sea Level
Crow Butte
Resources, Inc
Figure 2.6-3e
Marsland Structural
Cross Section E-E'
Scale: See Scale Bar
Date: 12/15/2016
Checked by: JS
Looking North



Legend

Vertical Scale

0 feet

50 feet

100 feet

200 feet

Horizontal Scale as Designated

Geophysical Log Explanation

Gamma Ray Curve

Resistivity Curve

Spontaneous Potential (SP) Curve

Saturated Zone

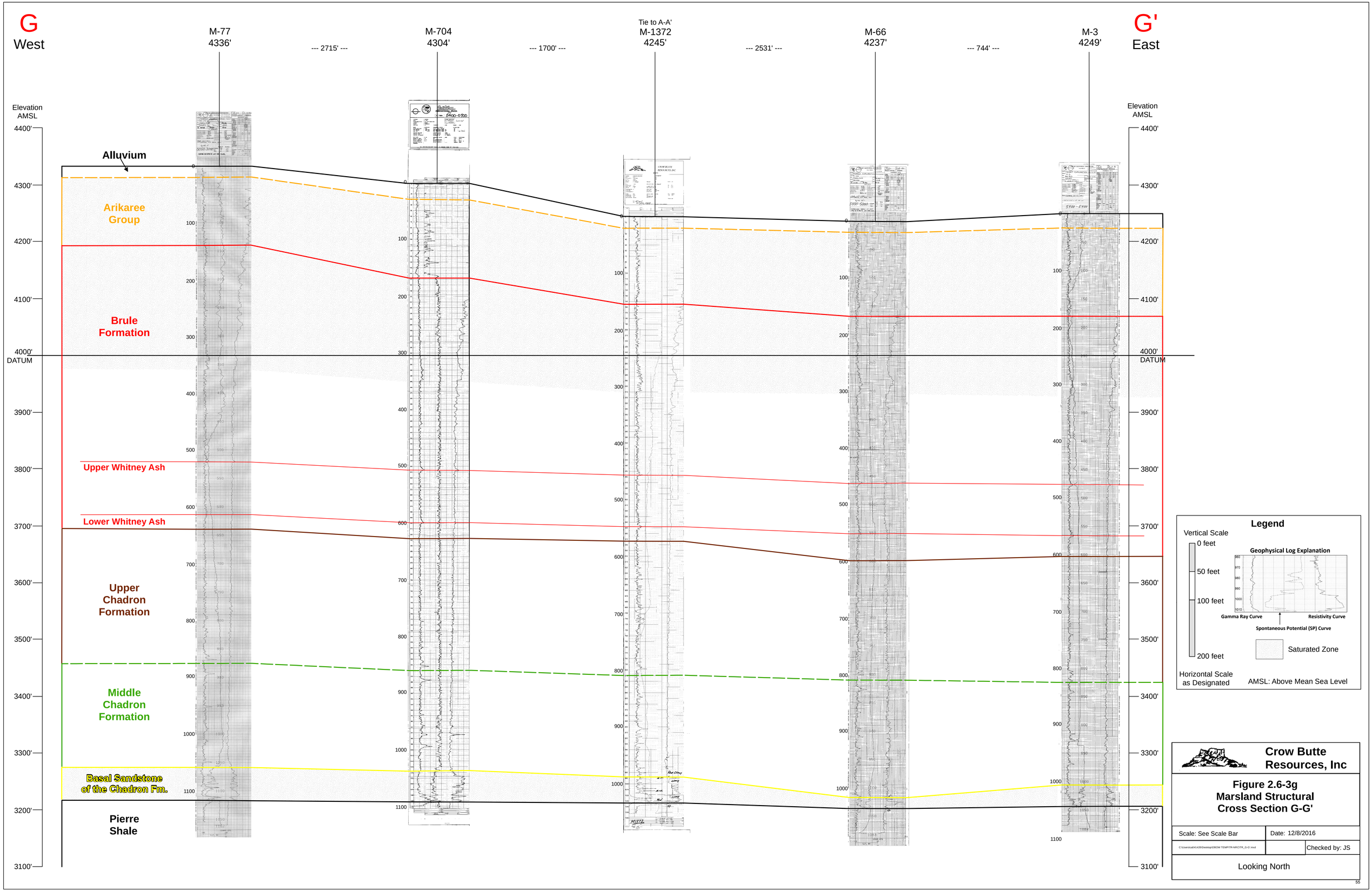
AMSL: Above Mean Sea Level

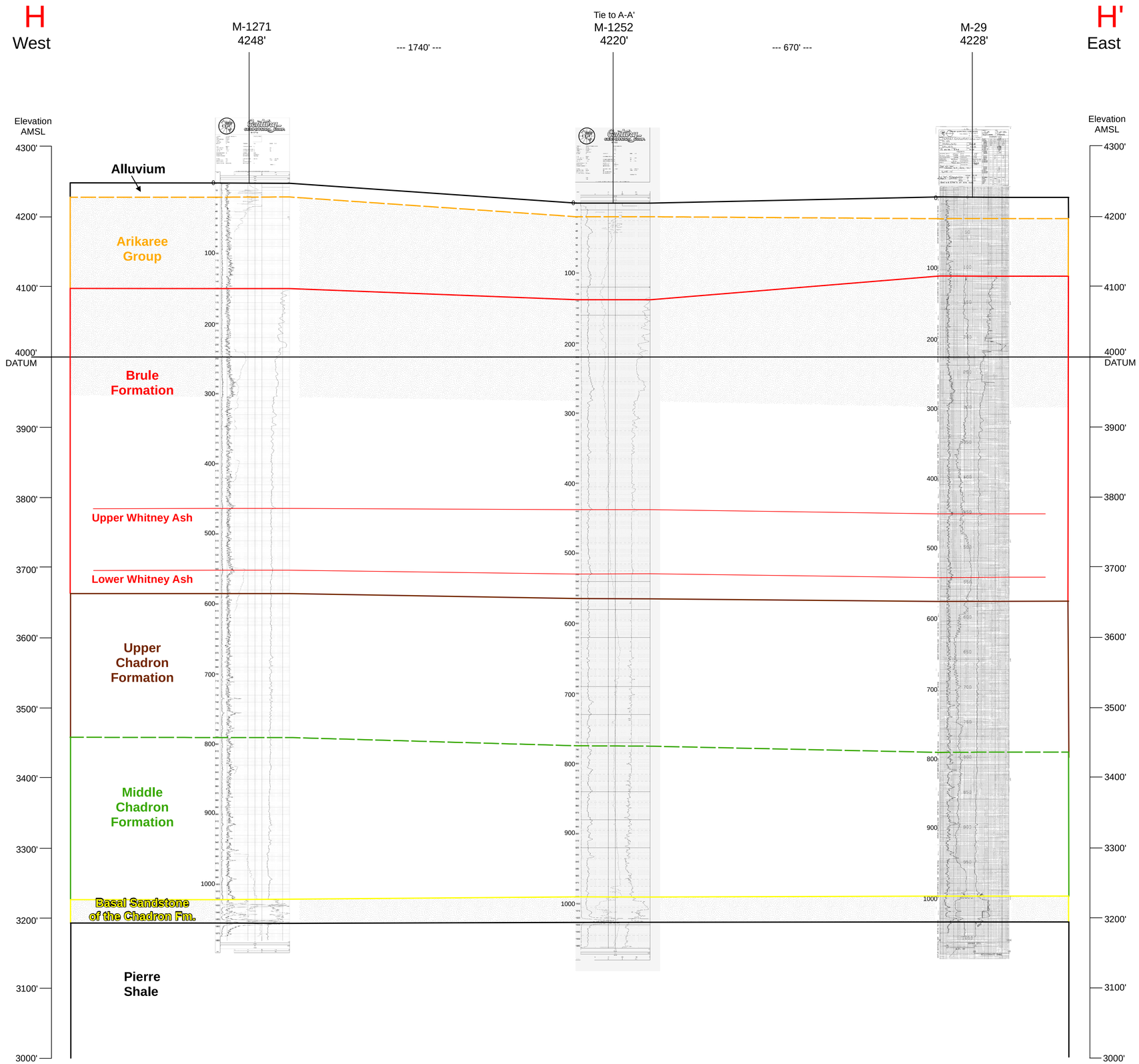
Crow Butte Resources, Inc

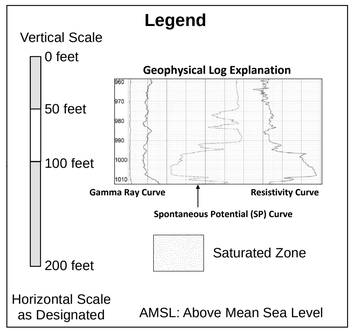
Figure 2.6-3f
Marsland Structural Cross Section F-F'

Scale: See Scale Bar	Date: 12/8/2016
C:\Users\ca041428\Desktop\DBOW TEMP\TR-NRC\TR_F-F'.mxd	Checked by: JS

Looking North


G
West
G'
East
M-77
4336'
--- 2715' ---
M-704
4304'
--- 1700' ---
Tie to A-A'
M-1372
4245'
--- 2531' ---
M-66
4237'
--- 744' ---
M-3
4249'
Elevation AMSL
4400'
4300'
4200'
4100'
4000' DATUM
3900'
3800'
3700'
3600'
3500'
3400'
3300'
3200'
3100'
Alluvium
Arikaree Group
Brule Formation
Upper Whitney Ash
Lower Whitney Ash
Upper Chadron Formation
Middle Chadron Formation
Basal Sandstone of the Chadron Fm.
Pierre Shale
Legend
Vertical Scale
0 feet
50 feet
100 feet
200 feet
Horizontal Scale as Designated
Geophysical Log Explanation
Gamma Ray Curve
Resistivity Curve
Spontaneous Potential (SP) Curve
Saturated Zone
AMSL: Above Mean Sea Level
Crow Butte Resources, Inc
Figure 2.6-3g
Marsland Structural
Cross Section G-G'
Scale: See Scale Bar
Date: 12/8/2016
Checked by: JS
Looking North





Crow Butte Resources, Inc

Figure 2.6-3h
Marsland Structural
Cross Section H-H'

Scale: See Scale Bar	Date: 12/15/2016
C:\Users\ca04142\Desktop\DBGW TEMP\TR-NRC\TR_H-H'.mxd	Checked by: JS

Looking North