

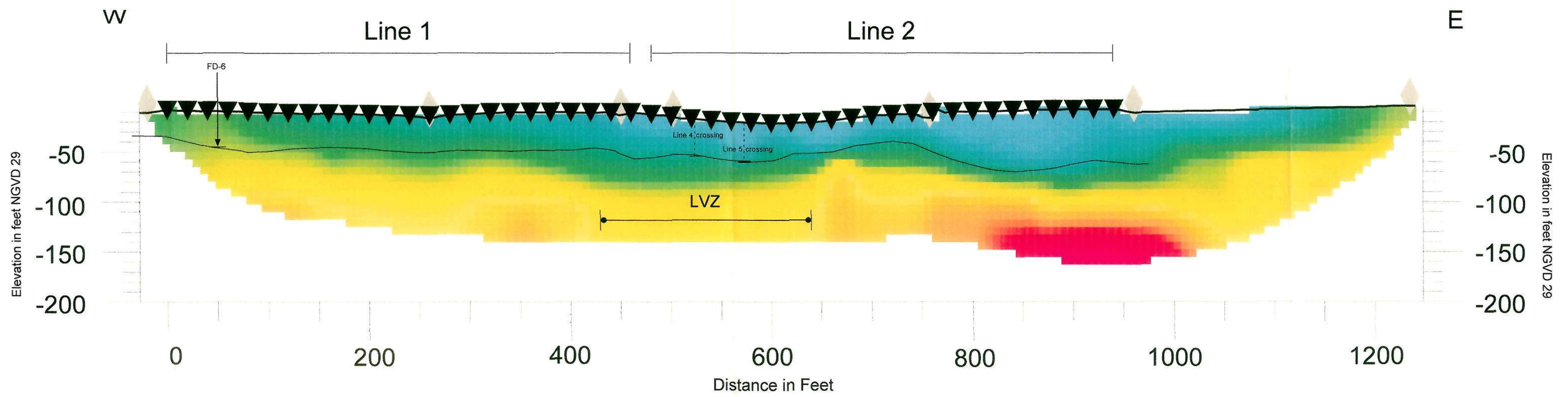
Note: Land based features are approximately located due to distortion of base map associated with data merging and import

Contour Interval = 1 foot
 Even 1 foot contour lines
 Odd 1 foot contour lines
 10 foot contour lines

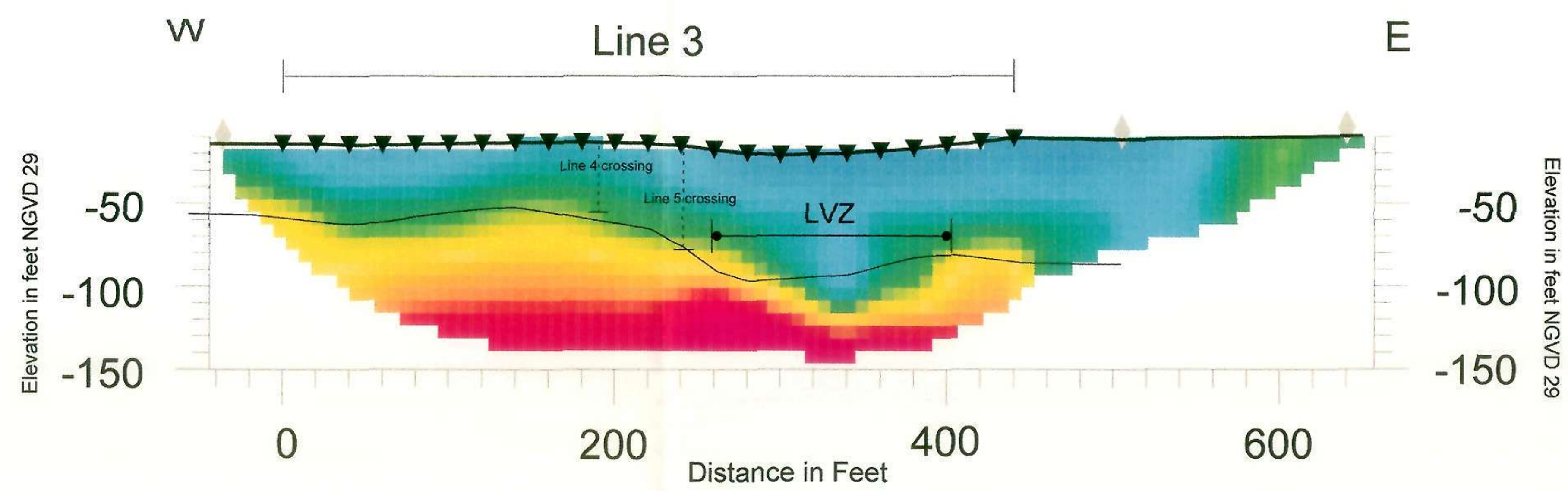


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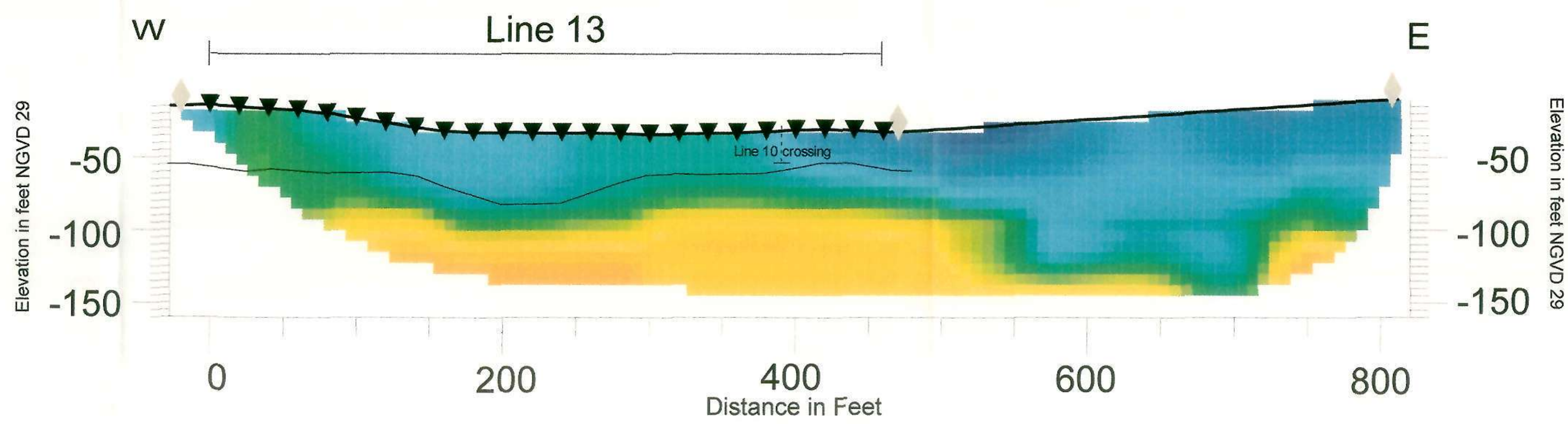
Velocity Model
Lines 1 & 2
Outer Edge of the
Northern CDF Wall



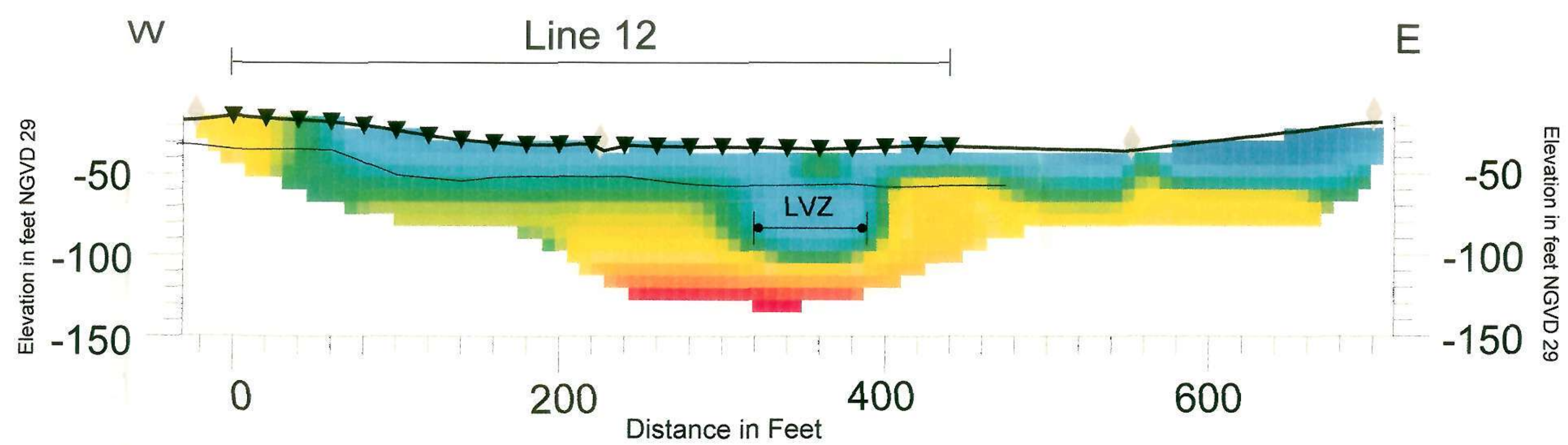
Velocity Model
Line 3
Inner Edge of the
Northern CDF Wall



Velocity Model
Line 13
Inner Edge of the
Southern CDF Wall



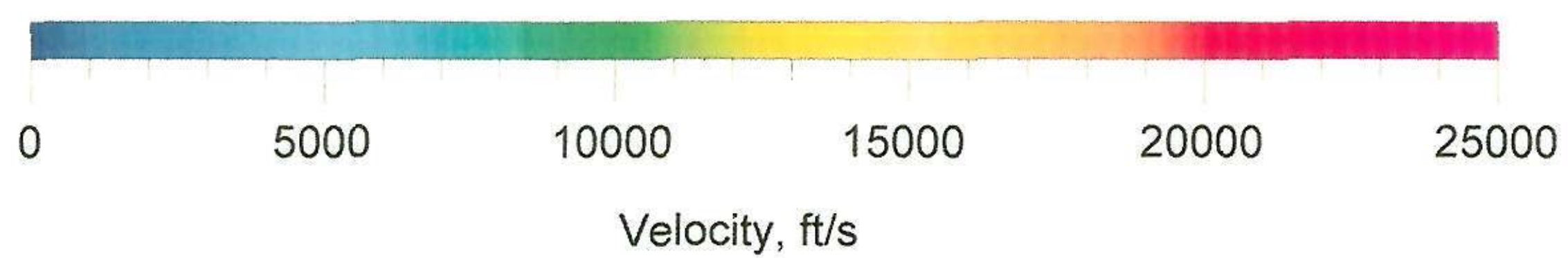
Velocity Model
Line 12
Outer Edge of the
Southern CDF Wall



Legend

- Shot Point Locations
- Hydrophone Locations
- Boring Locations
- Seismic Line Intersections
- SIFT2 Bedrock Surface
- Low Velocity Zone
an area of anomalously low bedrock velocity

Vertical Exaggeration = 1:1
1 inch = 50 feet



USACE, New England District

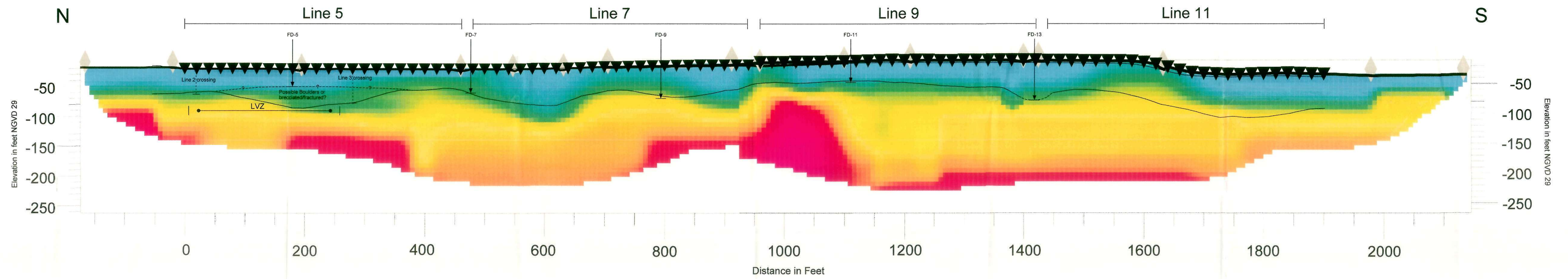
New Bedford Harbor
New Bedford, MA
CDF D

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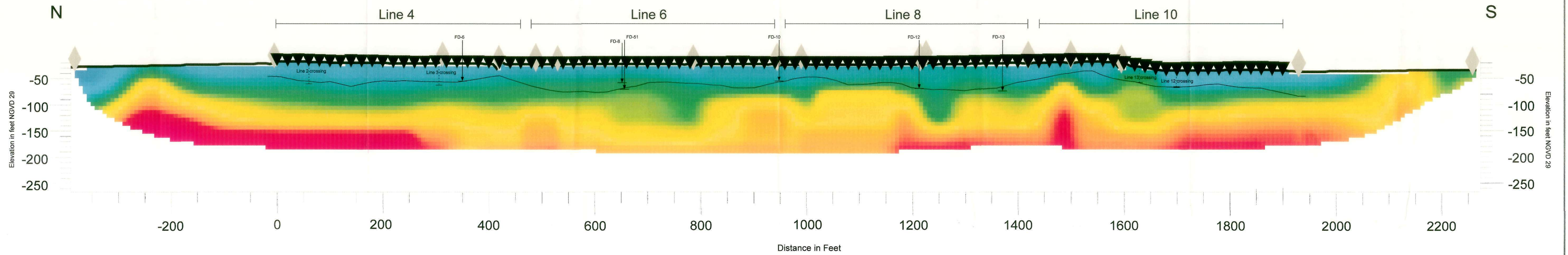
Figure 4B
SeisOpt@2D Inversion Velocity Models

FWENC Geophysics

Velocity Model Lines 5, 7, 9 & 11
Eastern Side of the Outer CDF Wall

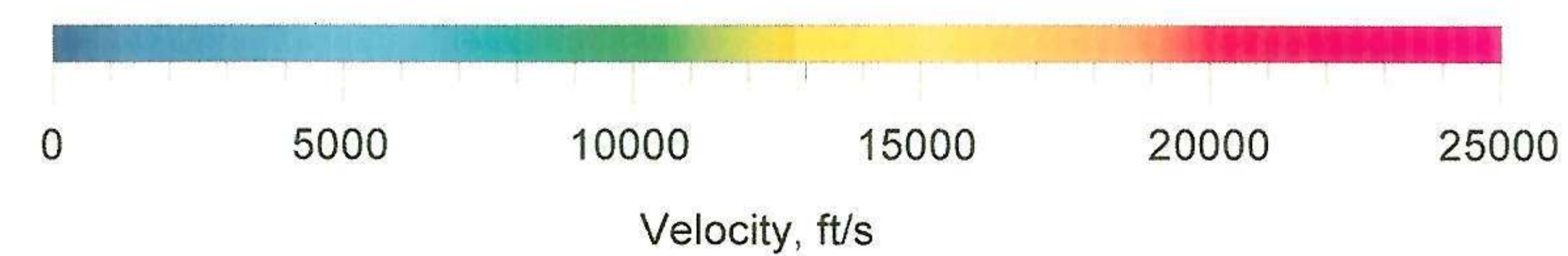


Velocity Model Lines 4, 6, 8 & 10
Western Side of the Outer CDF Wall



Legend

- Shot Point Locations
- Hydrophone Locations
- Boring Locations
- Seismic Line Intersections
- Sipt 2 Bedrock Surface
- Low Velocity Zone
an area of anomalously low bedrock velocity
- Vertical Exaggeration = 1:1
- 1 inch = 50 feet



USACE, New England District

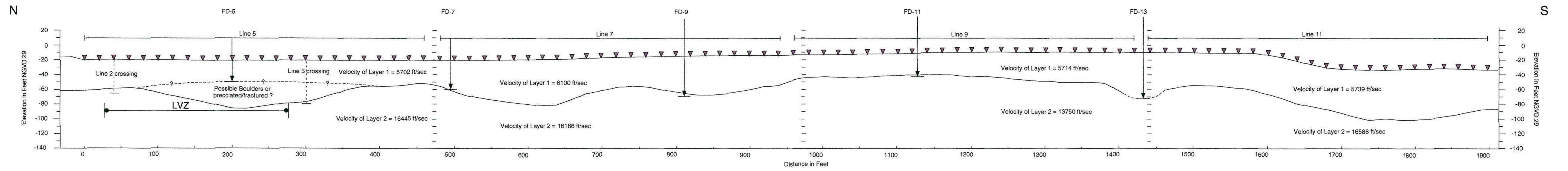
New Bedford Harbor
New Bedford, MA
CDF D

DRAFT

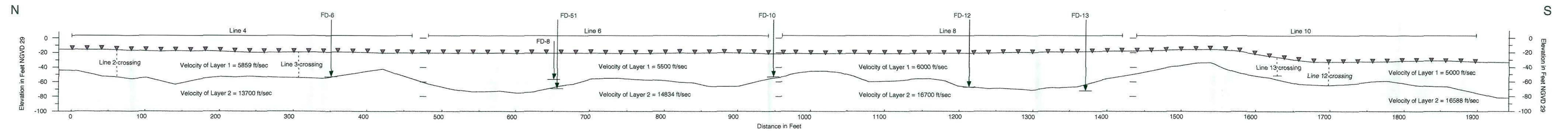
Figure 4A
SeisOpt@2D Inversion Velocity Models

FWENC Geophysics

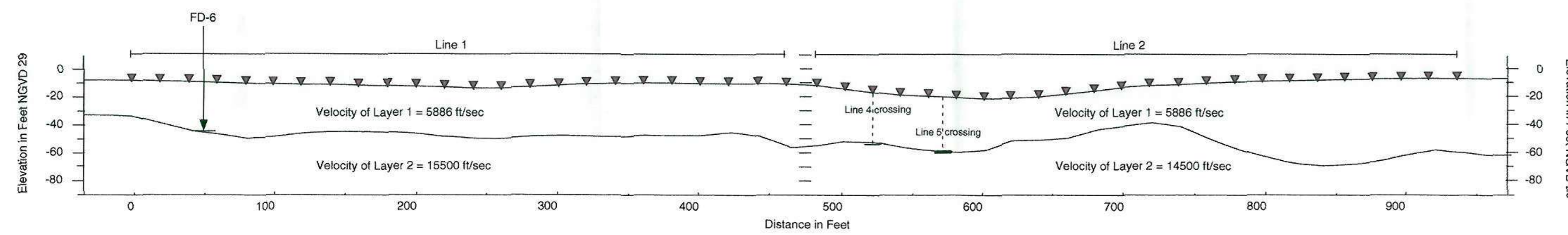
Bedrock Surface Inversion Model Lines 5, 7, 9 & 11
Eastern Side of the Outer CDF Wall



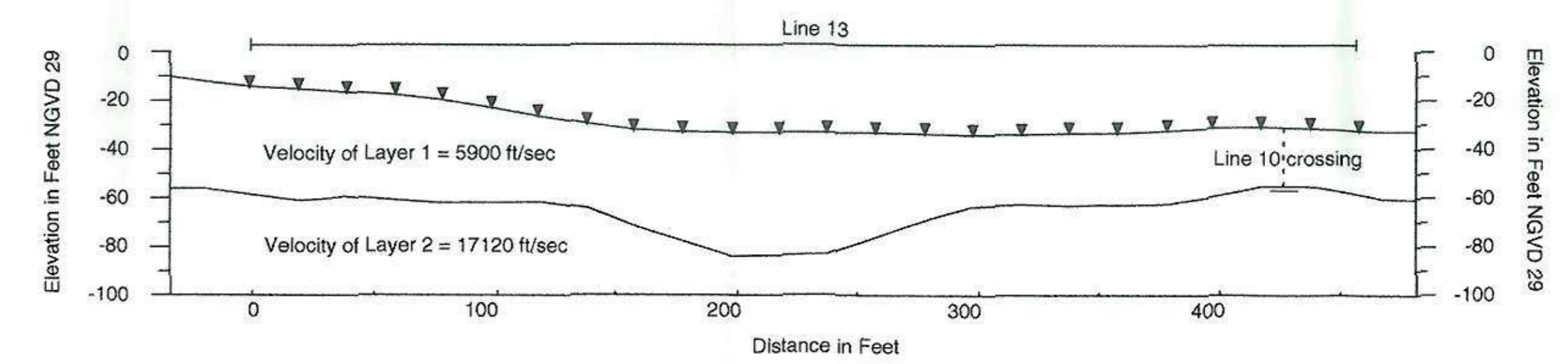
Bedrock Surface Inversion Model Lines 4, 6, 8, & 10
Western Side of the Outer CDF Wall



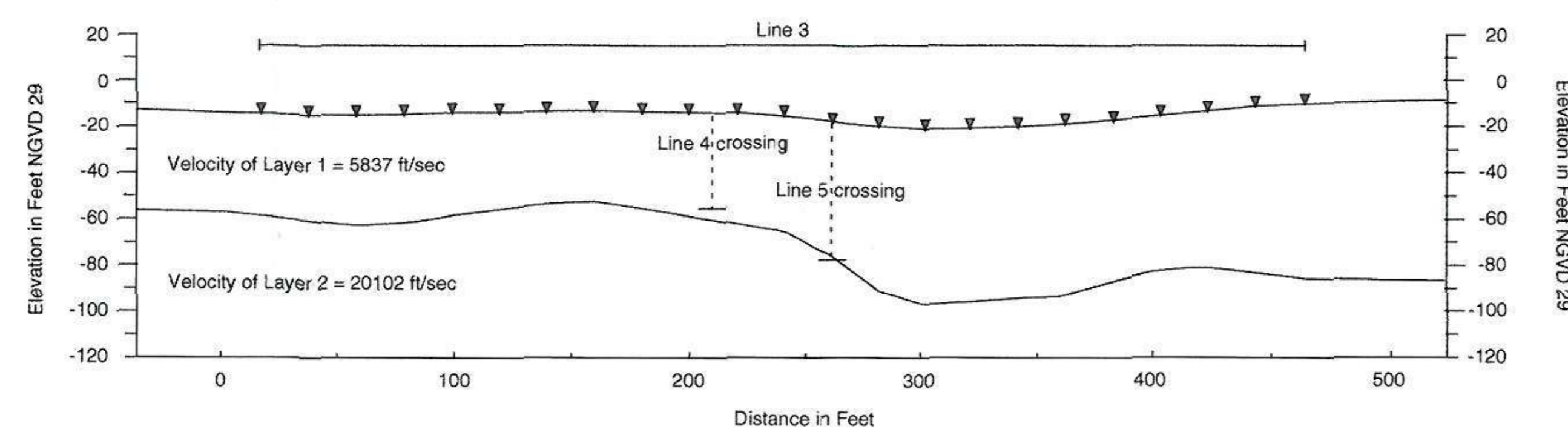
Bedrock Surface Inversion Model Lines 1 & 2
Outer Edge of the Northern CDF Wall



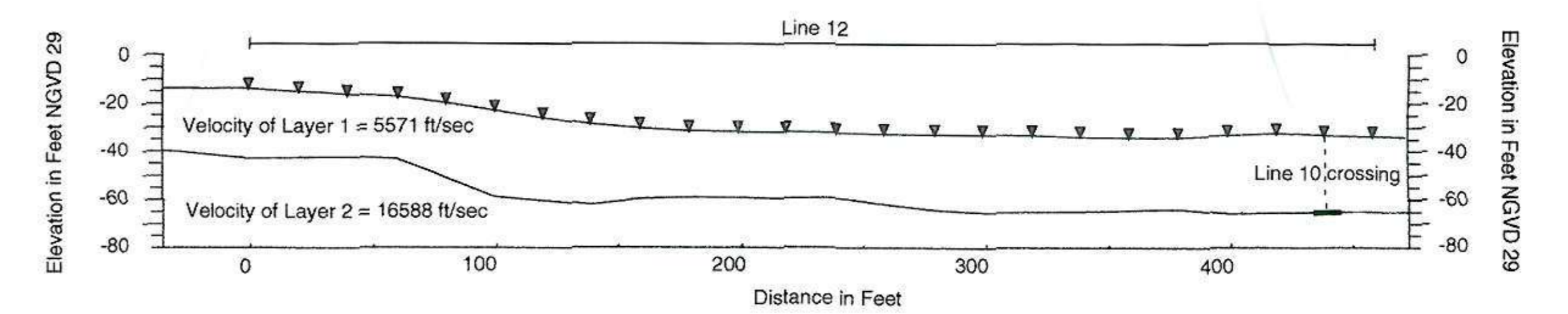
Bedrock Surface Inversion Model Line 13
Inner Edge of the Southern CDF Wall



Bedrock Surface Inversion Model Line 3
Inner Edge of the Northern CDF Wall



Bedrock Surface Inversion Model Line 12
Outer Edge of the Southern CDF Wall



Legend

- ▼ Hydrophone Locations
- FD-1 Boring Locations
- Line 1 crossing Seismic Line Intersections
- ~ SIPT 2 Bedrock Surface
- ~ Inferred Bedrock Surface
- LVZ Low Velocity Zone
an area of anomalously low bedrock velocity
- Vertical Exaggeration = 1:1
- 1 inch = 50 feet

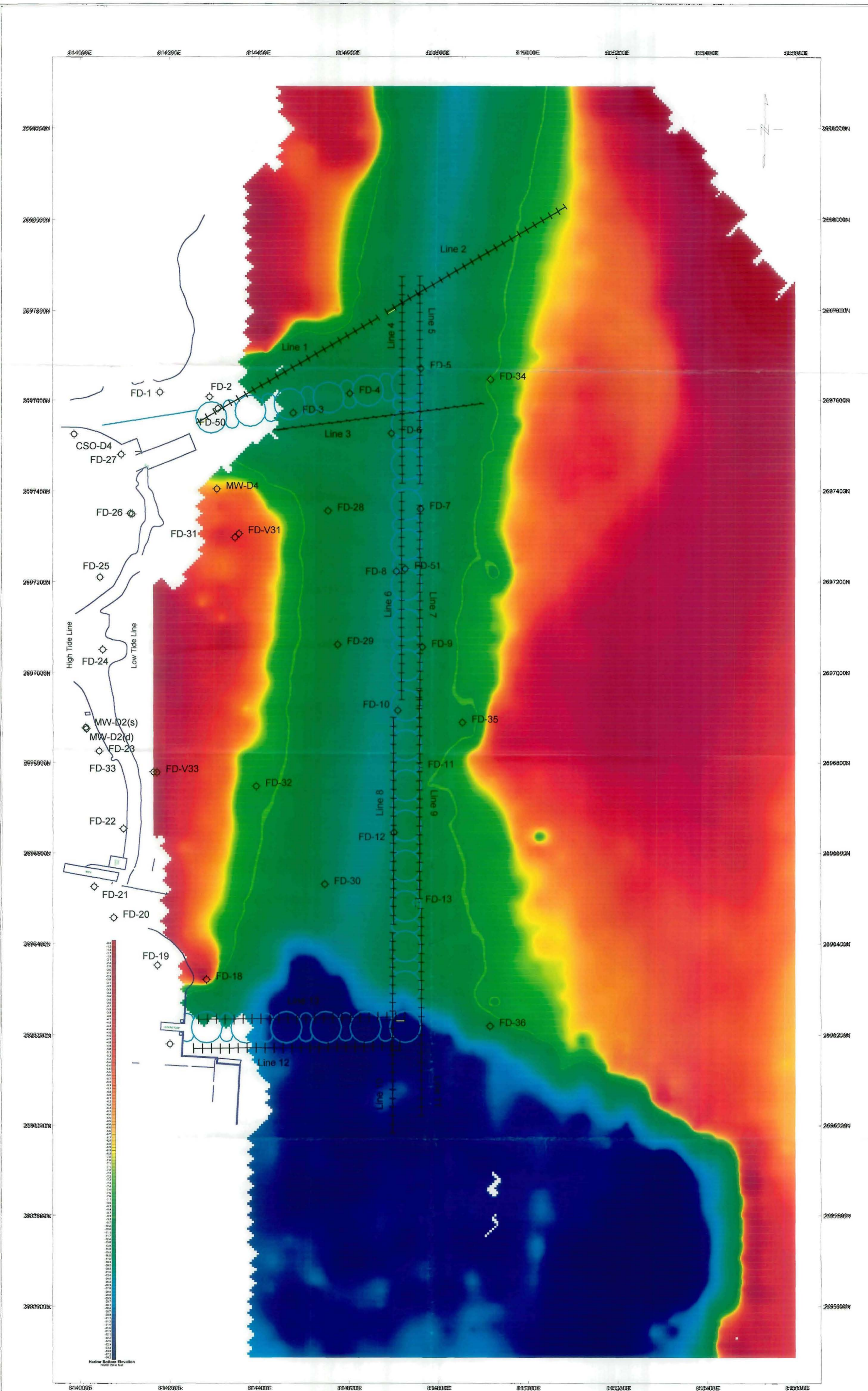
USACE, New England District

New Bedford Harbor
New Bedford, MA
CDF D

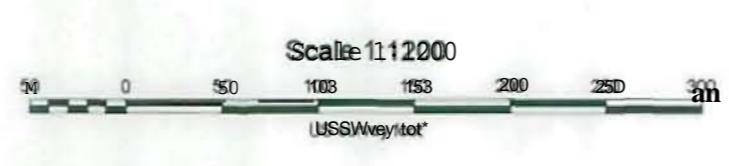
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Figure 3
SIPT 2 Inversion Models

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USACE, New England District
 New Bedford Harbor
 New Bedford, MA
 CIDFD
 Figure 2
 Marine Seismic Refraction Line Locations
 FWMENC Geophysics



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