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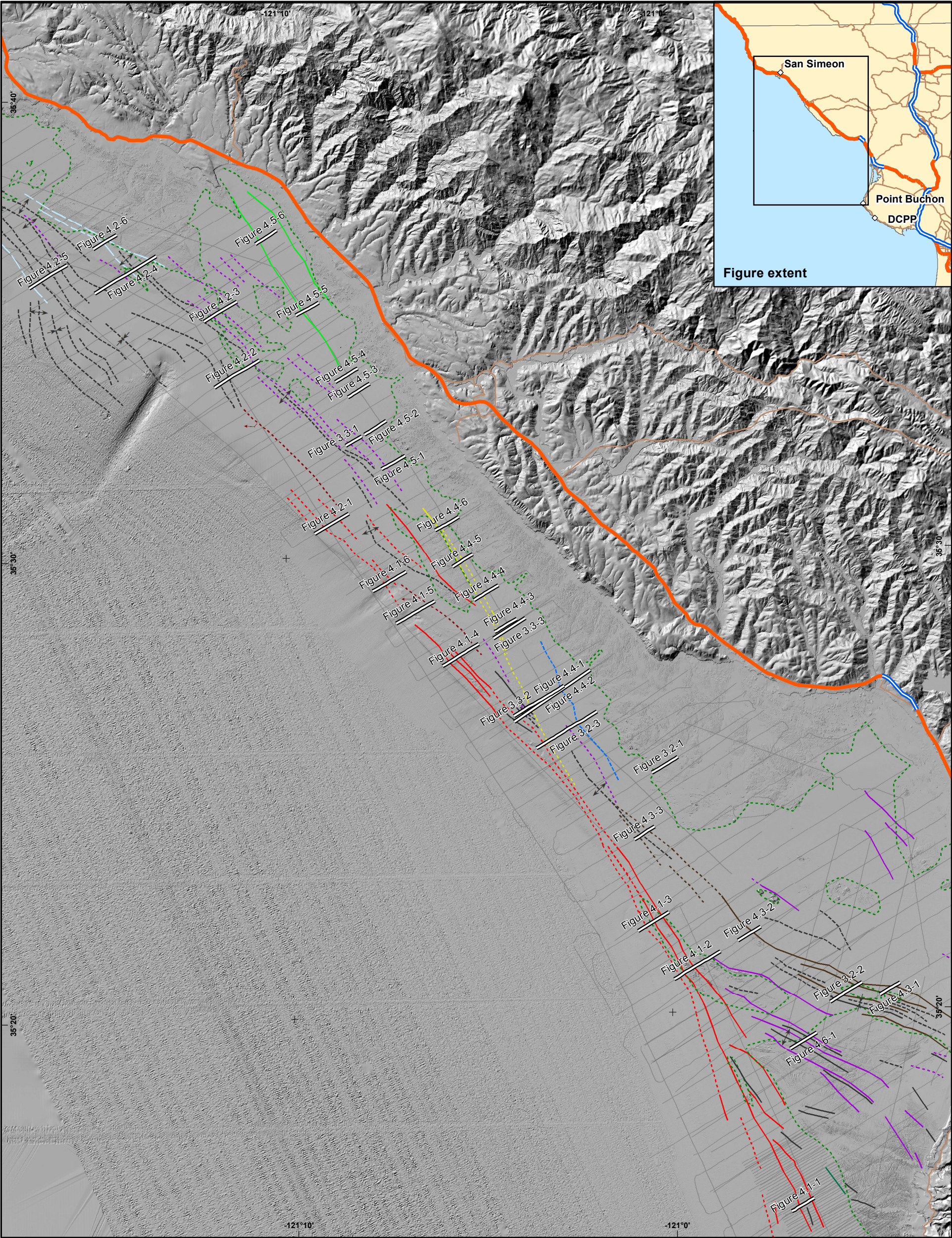


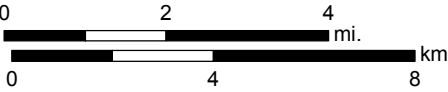
Figure extent

EXPLANATION

- Survey navigation lines
- Figure locations

Structures (solid where at seafloor, dashed where buried)

- Anticline axis
- Syncline axis
- Kink fold axis
- Half Graben fault traces
- Hosgri fault traces
- Los Osos fault traces
- Piedras Blancas fault traces
- Point Buchon fault traces
- San Simeon fault traces
- Unassigned fault traces
- Buried channel thalweg
- Outline of bedrock outcrop



Map projection and scale: WGS 84 / UTM Zone 10N, 1:150,000

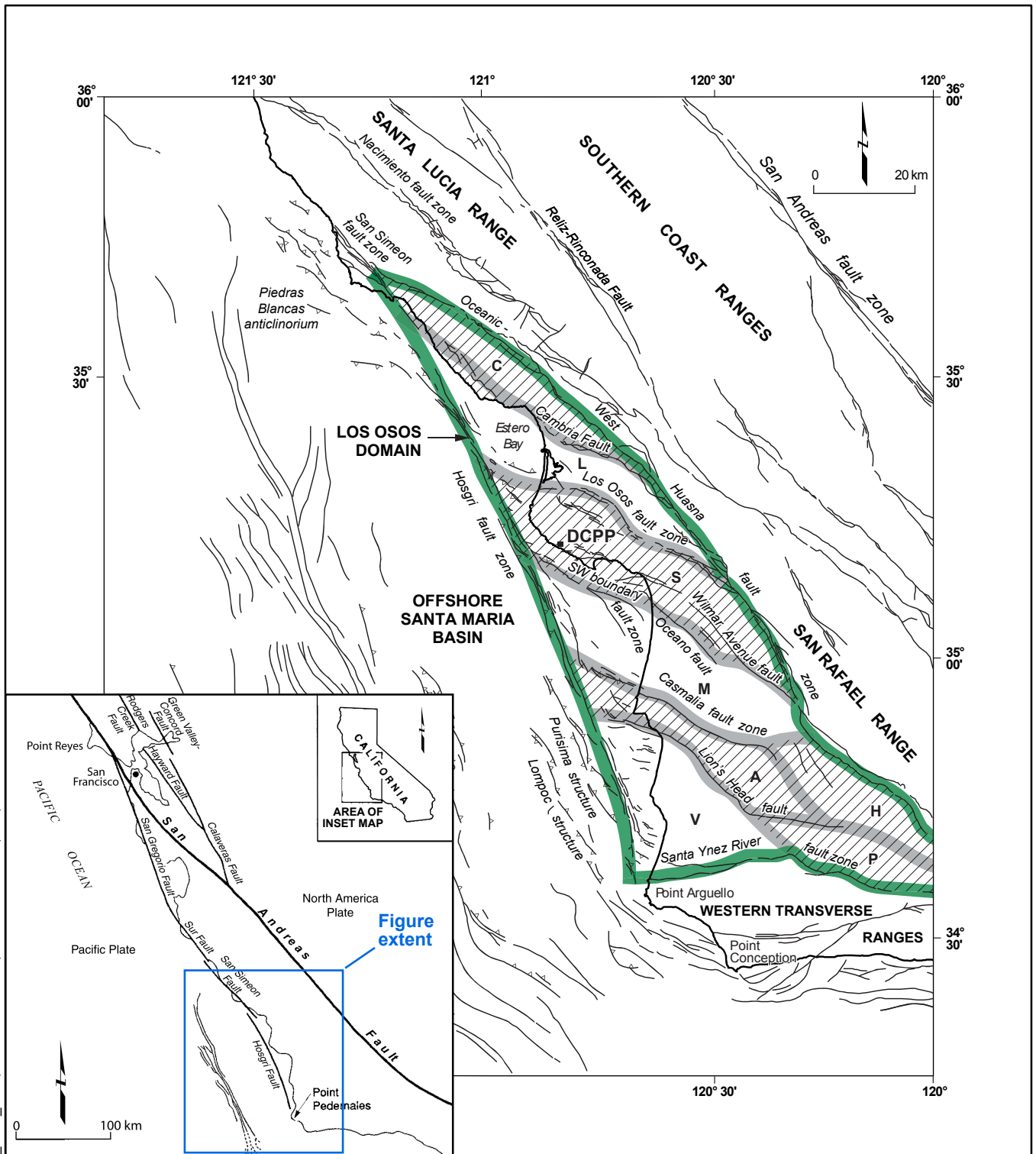
Study Area Index Map

INTERPRETATION OF SEISMIC REFLECTION DATA
POINT BUCHON TO SAN SIMEON POINT




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Figure 1.2-1

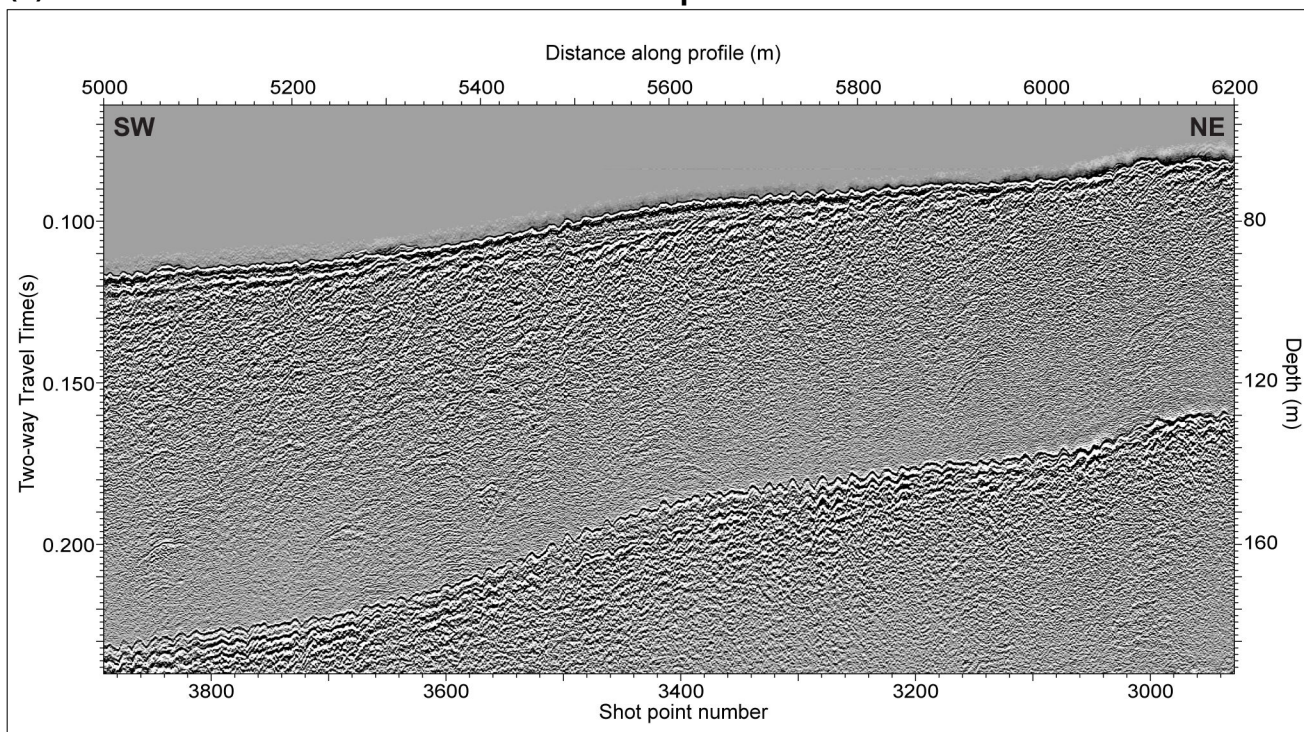


File path: S:\1005\02\1\Figures\Final_Report\Figure_0102_02.ai; Date: 05/27/2014; User: Alex Remar, LCI; Rev.1

Tectonic Setting	
INTERPRETATION OF SEISMIC REFLECTION DATA POINT BUCHON TO SAN SIMEON POINT	
 Pacific Gas and Electric Company	Figure 1.2-2

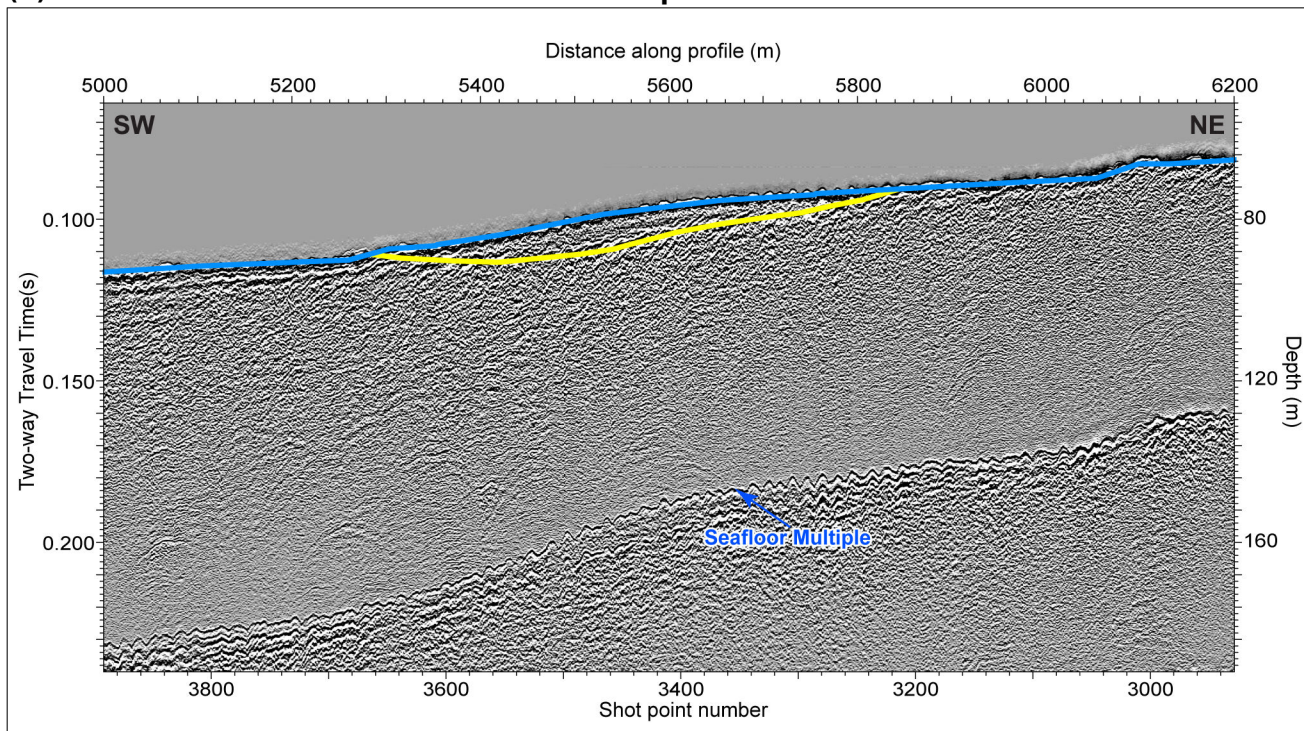
(a)

Uninterpreted



(b)

Interpreted



EXPLANATION

- Seafloor
- Base surficial sediment

Note: Depth values on seismic profile are referenced to MLLW (0 time) and assume an average velocity of 1,600 m/s for the combined water column and sediment and rock sections. Vertical exaggeration = 4.7x

Source: USGS 2008 Seismic Survey, Line PBS-49.

Record Example—Shallow Bedrock

INTERPRETATION OF SEISMIC REFLECTION DATA POINT BUCHON TO SAN SIMEON POINT

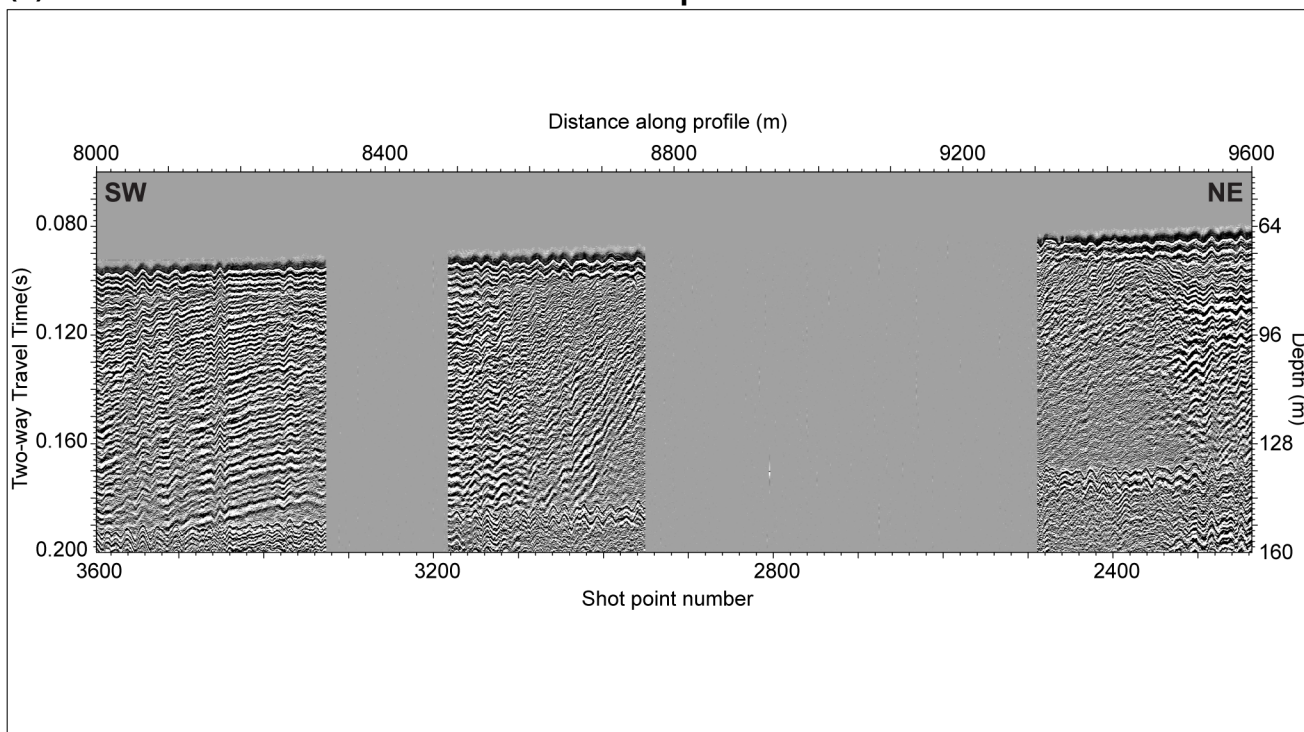


Pacific Gas and Electric Company

Figure 3.2-1

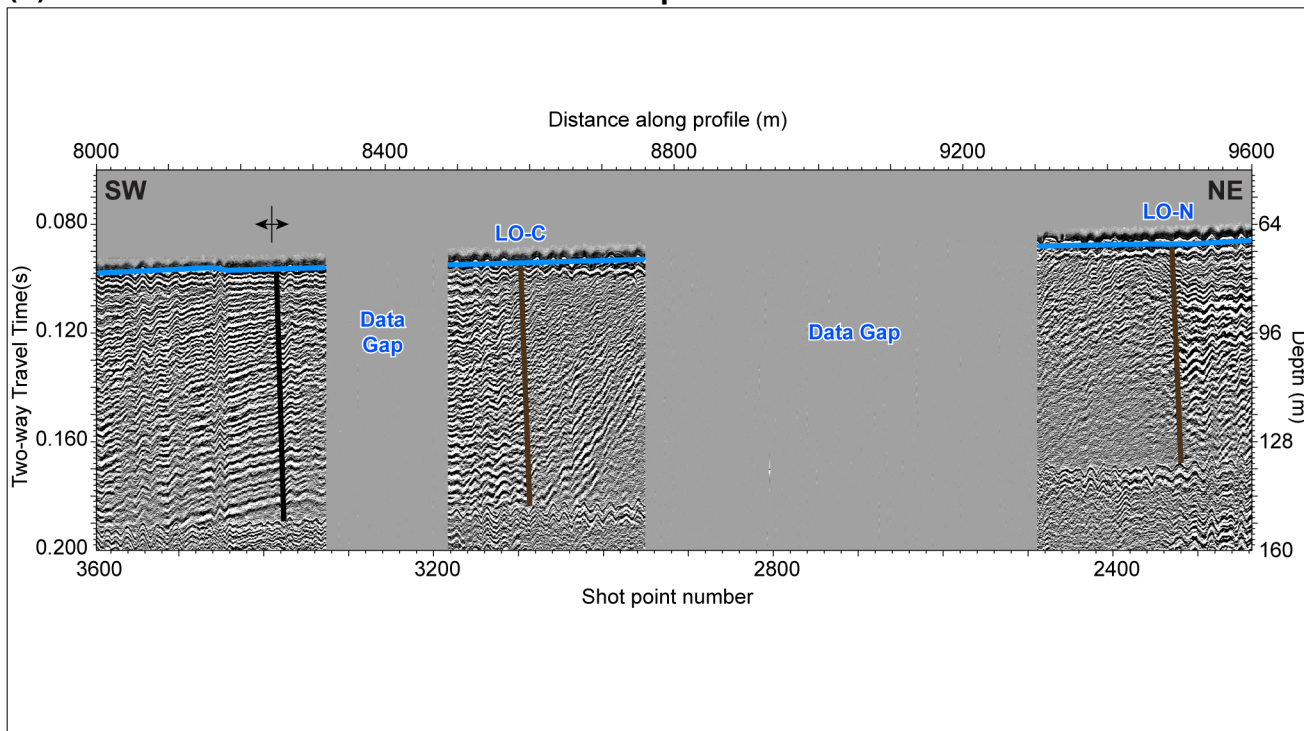
(a)

Uninterpreted



(b)

Interpreted



EXPLANATION

- Seafloor
- ↔ Anticline axis
- Los Osos fault

Note: Depth values on seismic profile are referenced to MLLW (0 time) and assume an average velocity of 1,600 m/s for the combined water column and sediment and rock sections. Vertical exaggeration = 4.7x

Source: USGS 2008 Seismic Survey, Line PBS-01.

Record Example—Missing Data

INTERPRETATION OF SEISMIC REFLECTION DATA POINT BUCHON TO SAN SIMEON POINT

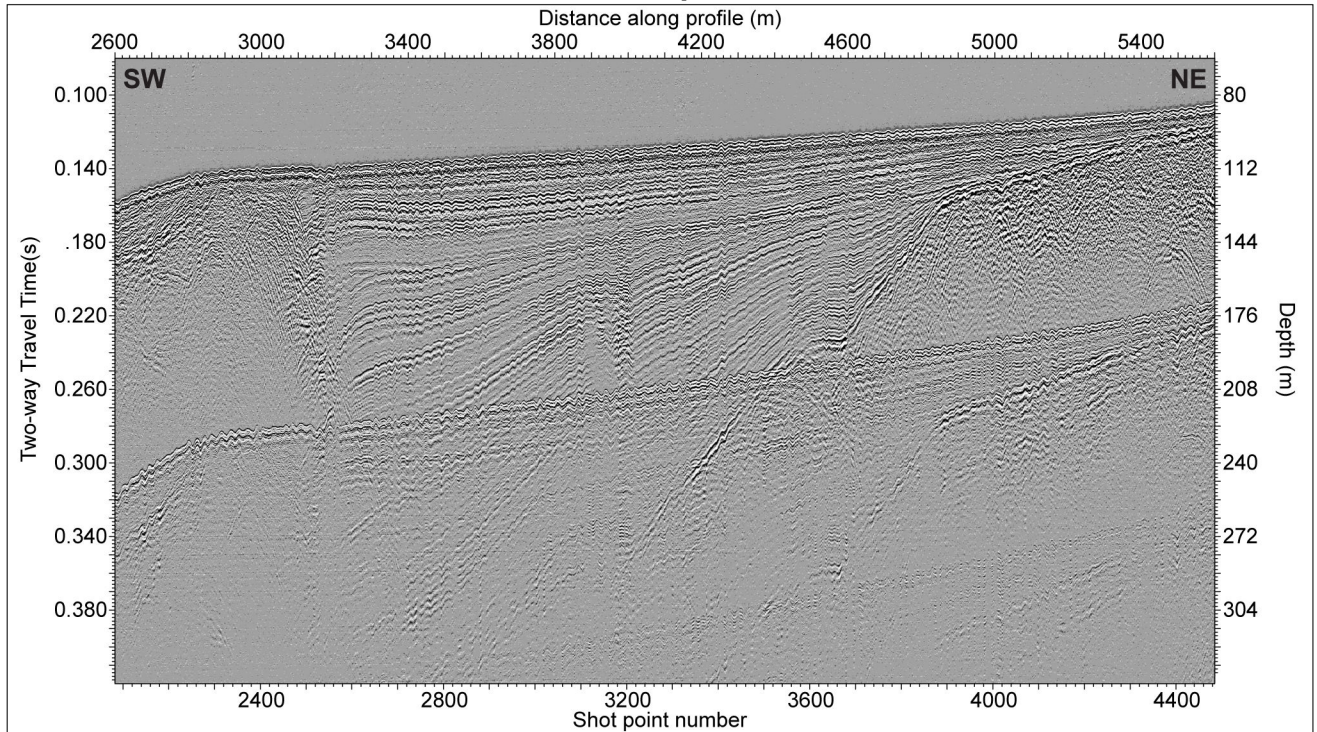


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Figure 3.2-2

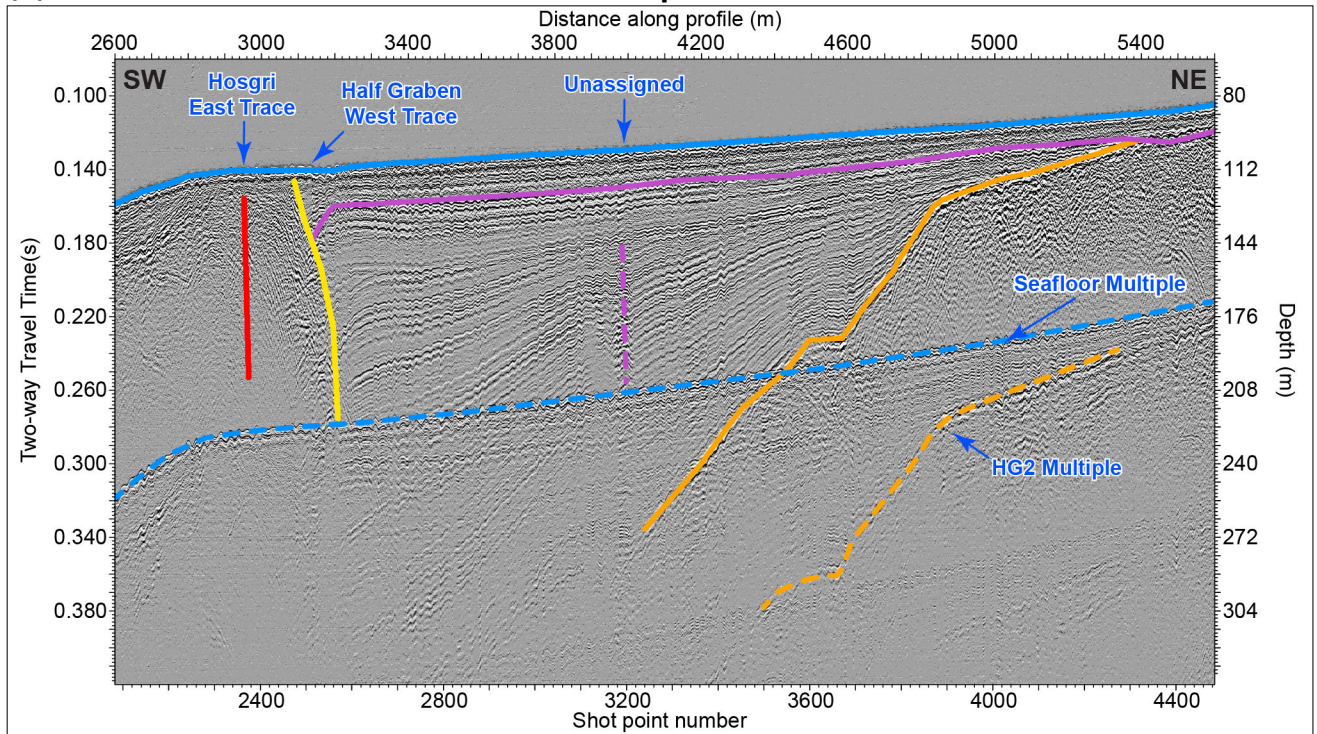
(a)

Uninterpreted



(b)

Interpreted



EXPLANATION

Interpreted Horizons

- Seafloor
- HG1 unconformity
- HG2 unconformity

Interpreted Structures

- Half Graben fault
- Hosgri fault
- Unassigned fault

Note: Depth values on seismic profile are referenced to MLLW (0 time) and assume an average velocity of 1,600 m/s for the combined water column and sediment and rock sections. Vertical exaggeration = 6.3x

Source: USGS 2009 Seismic Survey, Line PBS-206.

Record Example—Multiples

INTERPRETATION OF SEISMIC REFLECTION DATA POINT BUCHON TO SAN SIMEON POINT

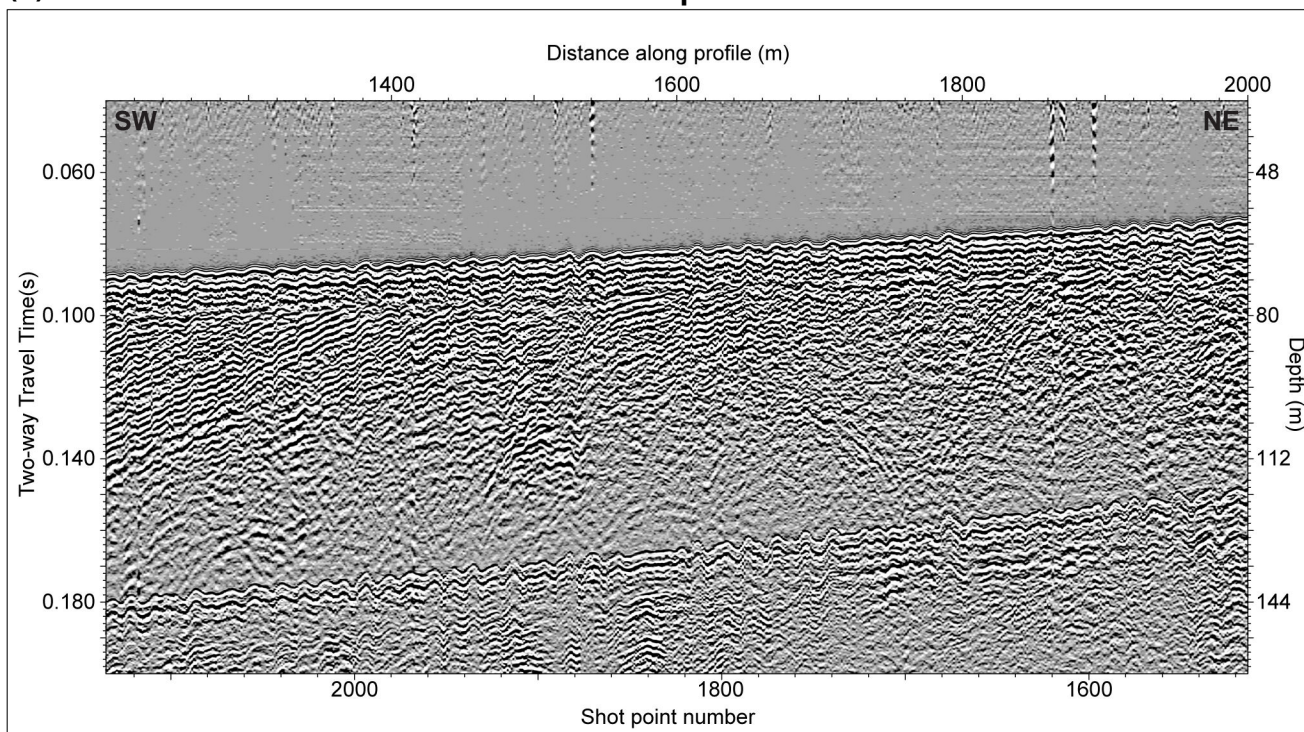


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Figure 3.2-3

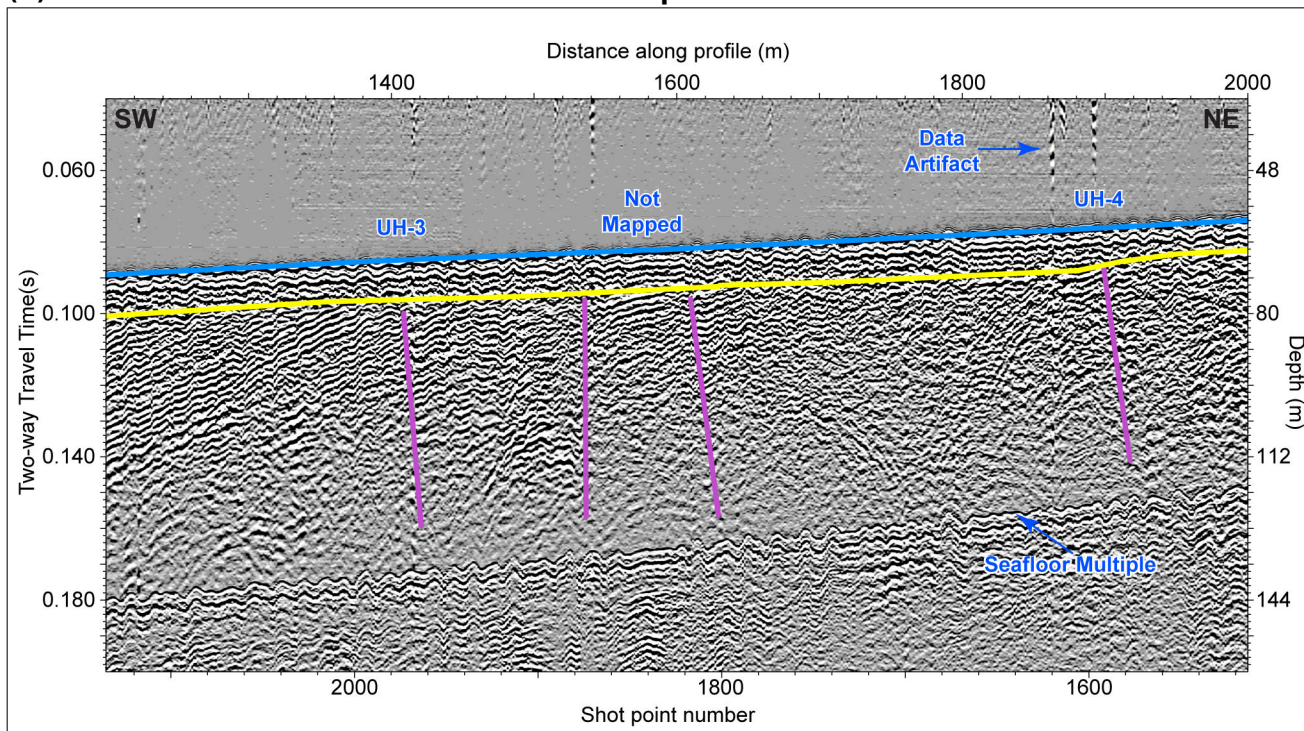
(a)

Uninterpreted



(b)

Interpreted



EXPLANATION

Interpreted Horizons

- Seafloor
- Base of surficial sediment

Interpreted Structures

- Unassigned faults

Note: Depth values on seismic profile are referenced to MLLW (0 time) and assume an average velocity of 1,600 m/s for the combined water column and sediment and rock sections. Vertical exaggeration = 3.1x

Source: USGS 2009 Seismic Survey, Line PBS-253.

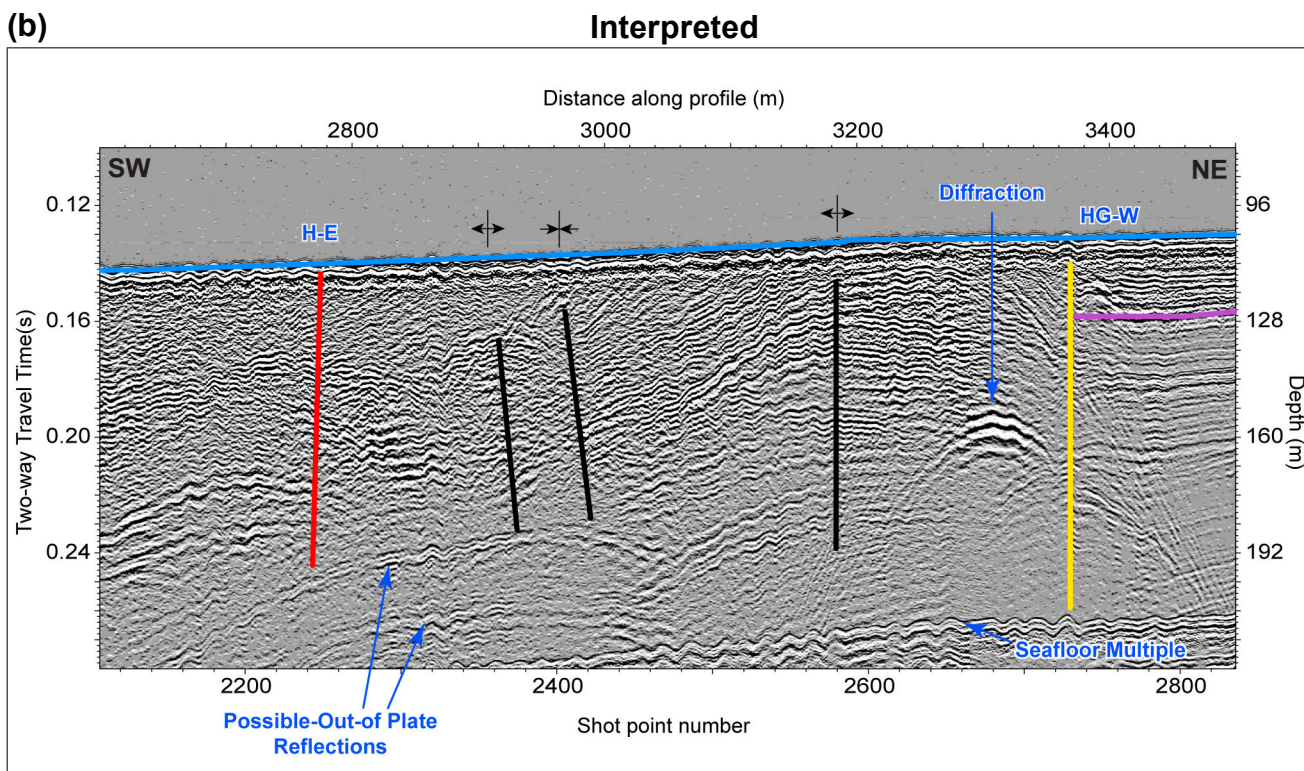
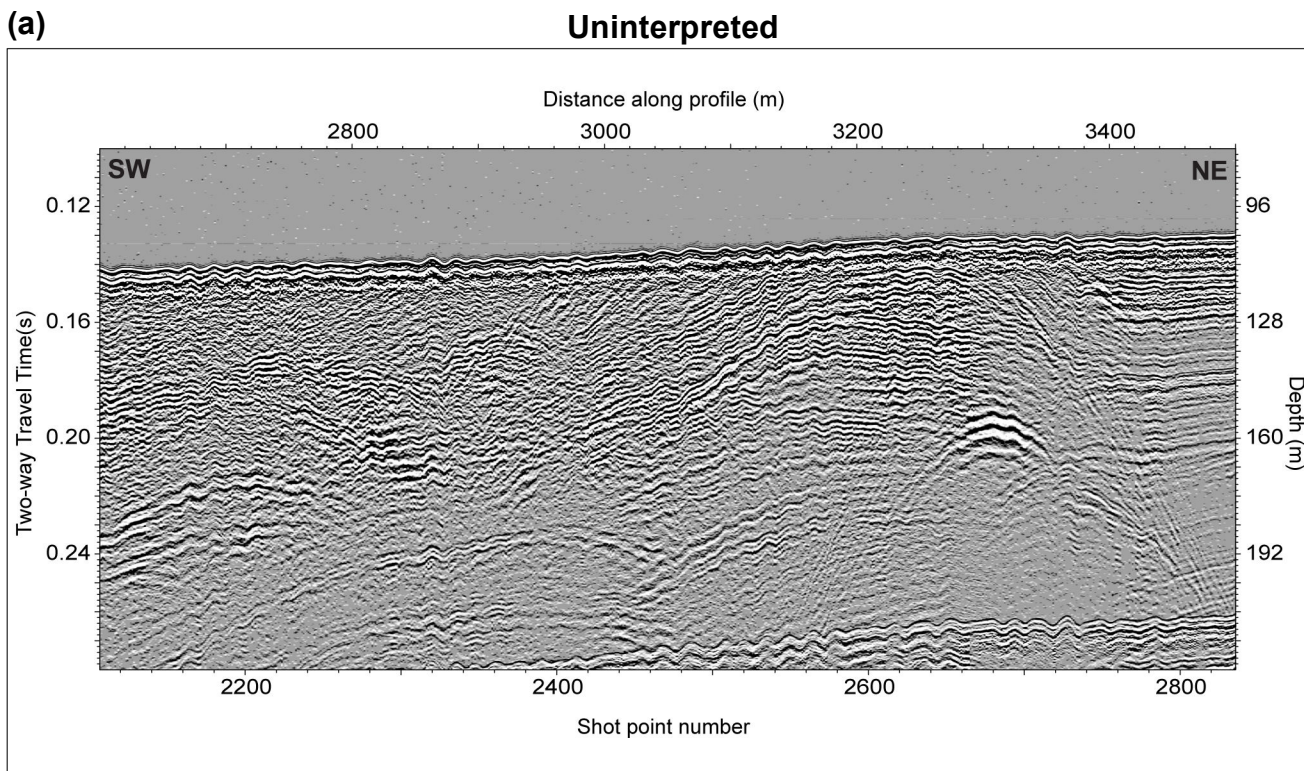
Record Example—Small-Scale Structures

INTERPRETATION OF SEISMIC REFLECTION DATA POINT BUCHON TO SAN SIMEON POINT



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Figure 3.3-1



EXPLANATION

Interpreted Horizons

- Seafloor
- HG1 unconformity

Interpreted Structures

- ↔ Anticline axis
- ↔ Syncline axis
- Hosgri fault
- Half Graben fault

Note: Depth values on seismic profile are referenced to MLLW (0 time) and assume an average velocity of 1,600 m/s for the combined water column and sediment and rock sections. Vertical exaggeration = 3.1x

Source: USGS 2009 Seismic Survey, Line PBS-209.

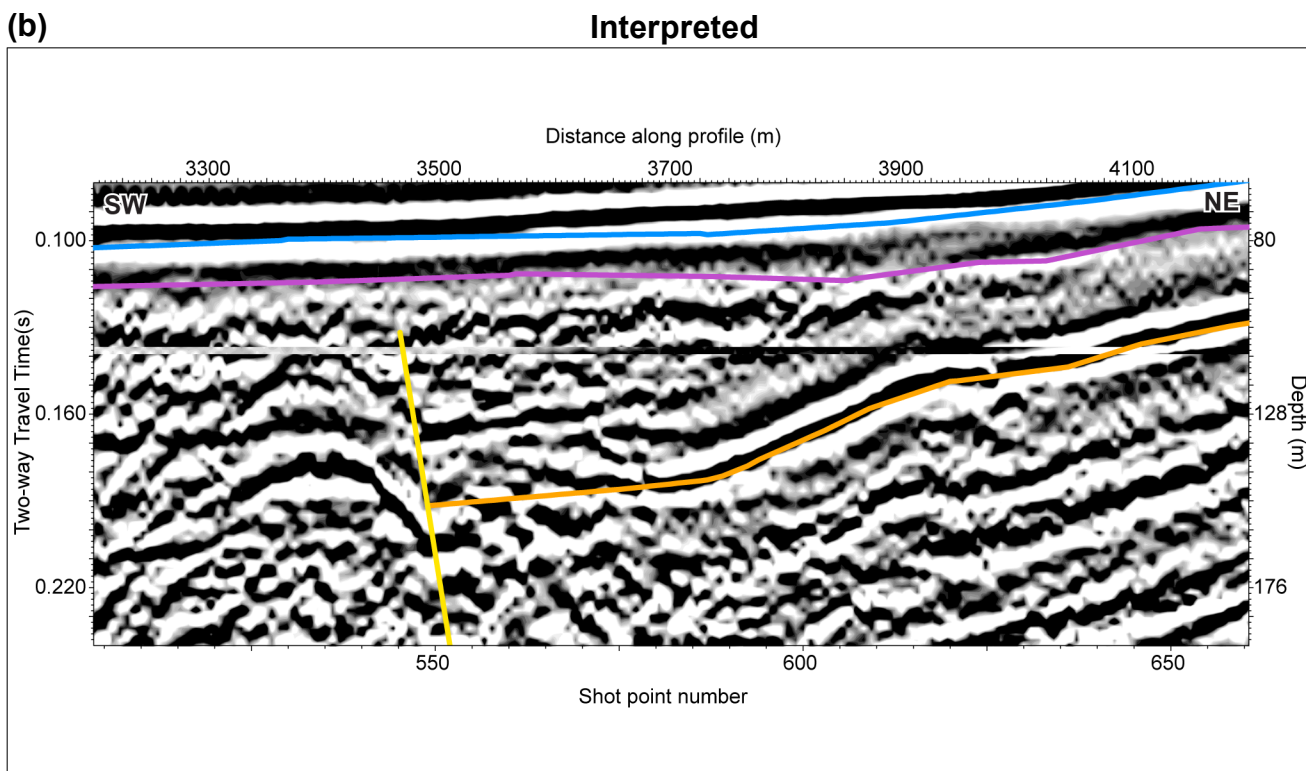
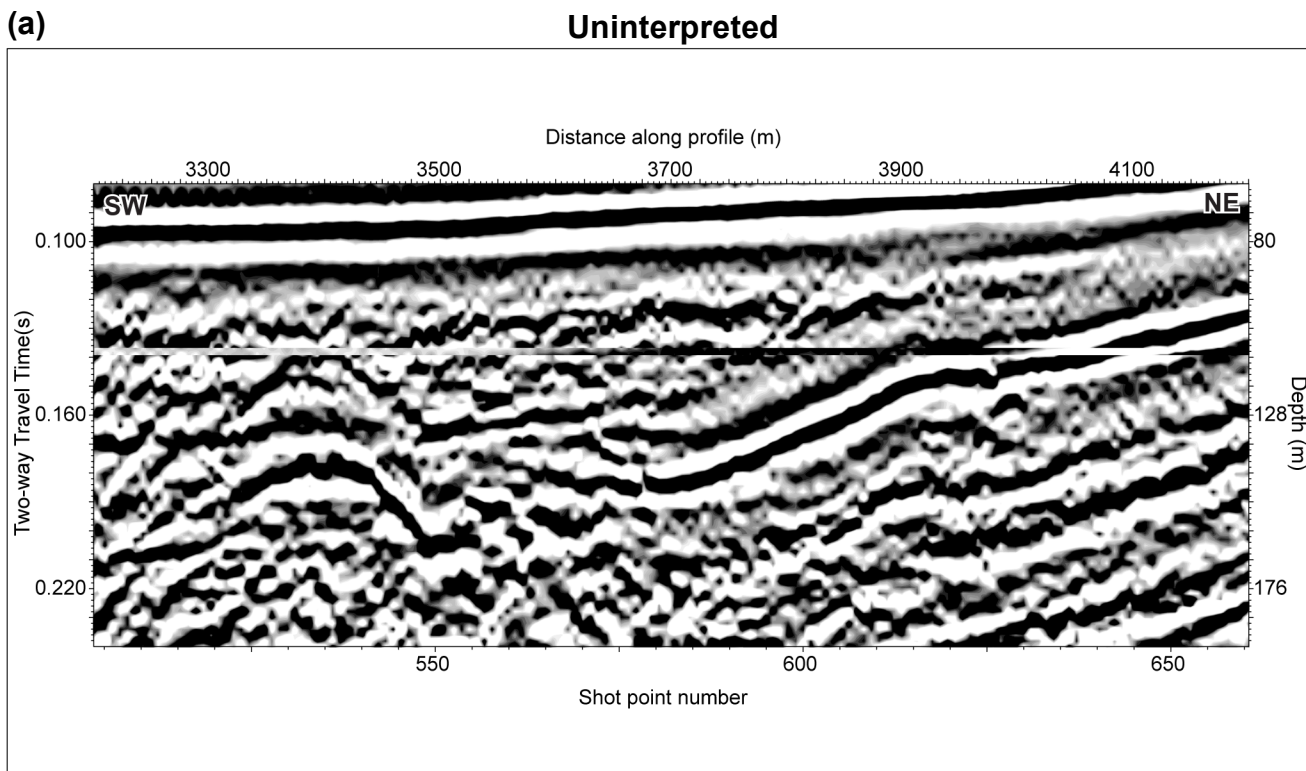
Record Example—Diffractions and Possible Out-of-Plane Reflections

INTERPRETATION OF SEISMIC REFLECTION DATA POINT BUCHON TO SAN SIMEON POINT



Pacific Gas and Electric Company

Figure 3.3-2



EXPLANATION

Interpreted Horizons

- Seafloor
- HG1 unconformity
- HG2 unconformity

Interpreted Structures

- Half Graben fault

Note: Depth values on seismic profile are referenced to MLLW (0 time) and assume an average velocity of 1,600 m/s for the combined water column and sediment and rock sections. Vertical exaggeration = 3.1x

Source: COMAP Seismic Survey, Line CM-49.

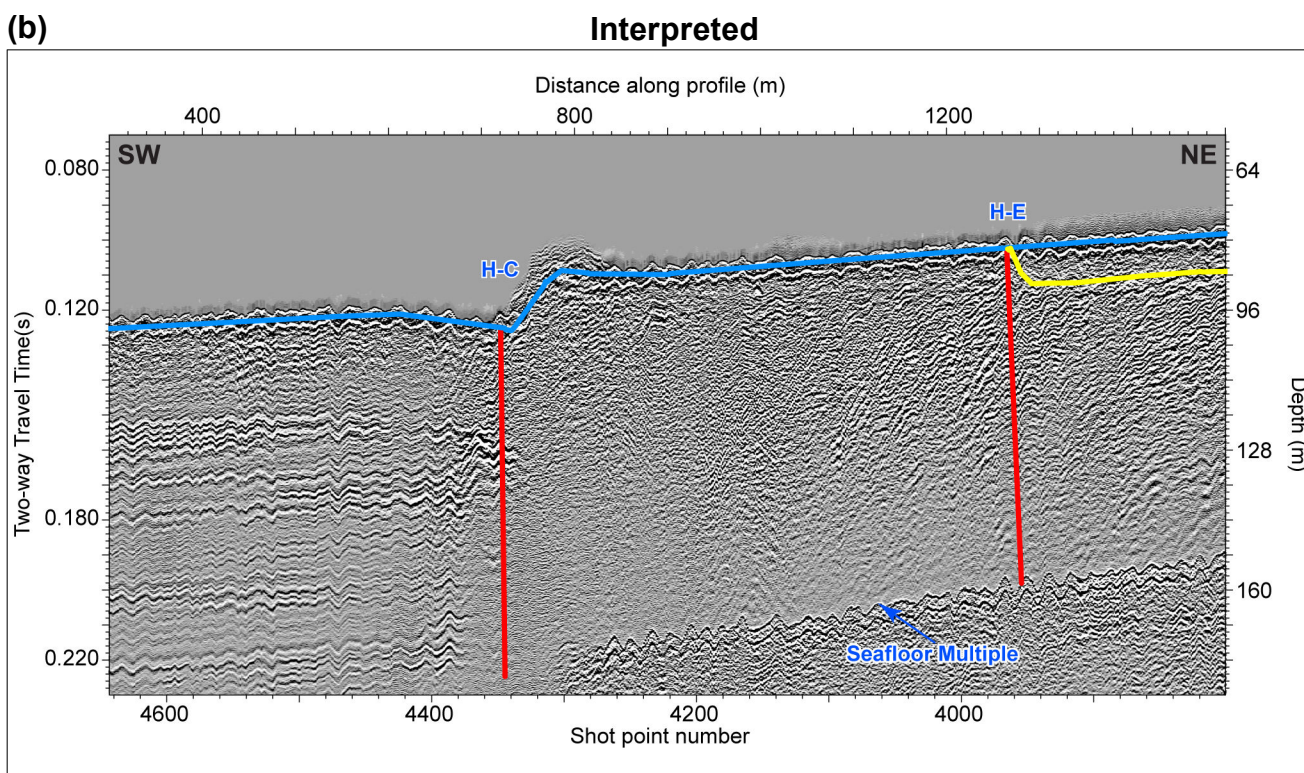
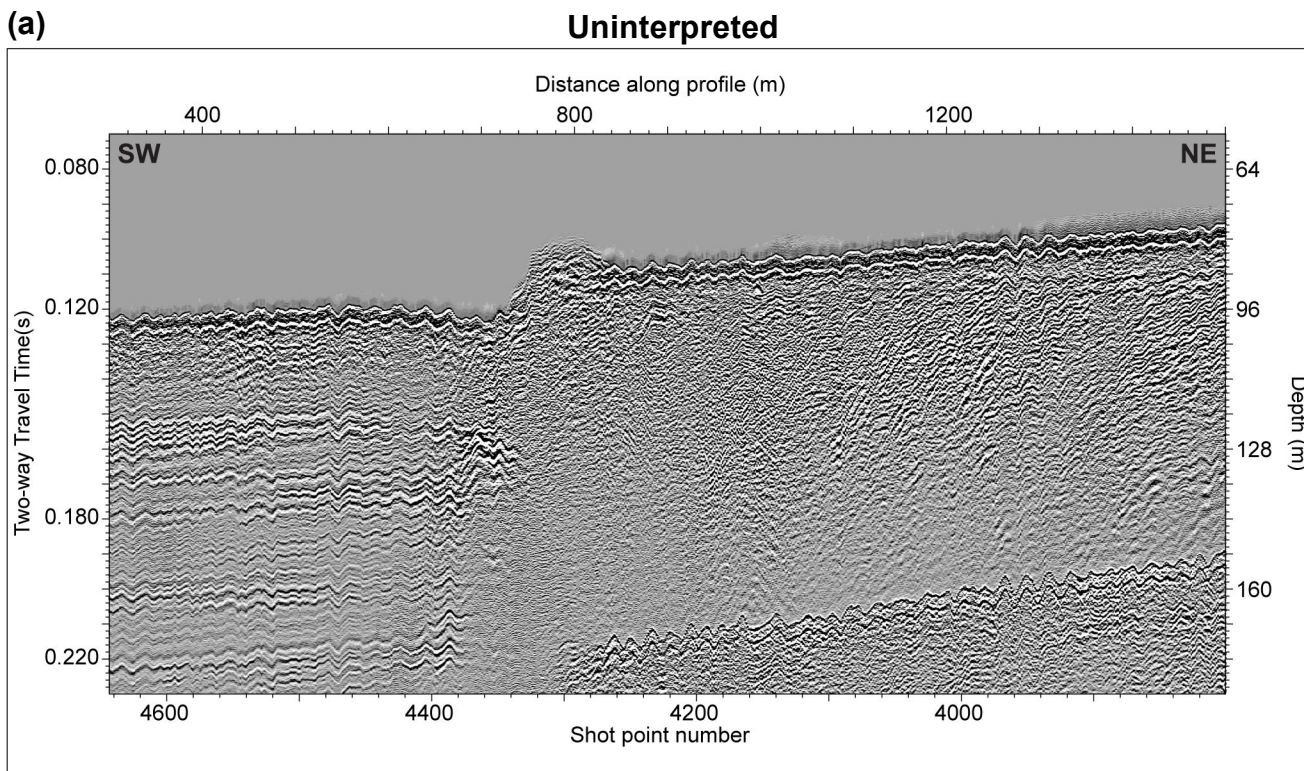
Record Example—Low Resolution

INTERPRETATION OF SEISMIC REFLECTION DATA POINT BUCHON TO SAN SIMEON POINT



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Figure **3.3-3**



EXPLANATION

Interpreted Horizons

- Seafloor
- Base of surficial sediment

Interpreted Structures

- Hosgri fault

Note: Depth values on seismic profile are referenced to MLLW (0 time) and assume an average velocity of 1,600 m/s for the combined water column and sediment and rock sections. Vertical exaggeration = 4.7x

Source: USGS 2008 Seismic Survey, Line PBS-21.

Hosgri Fault Zone—Southern Area

INTERPRETATION OF SEISMIC REFLECTION DATA POINT BUCHON TO SAN SIMEON POINT

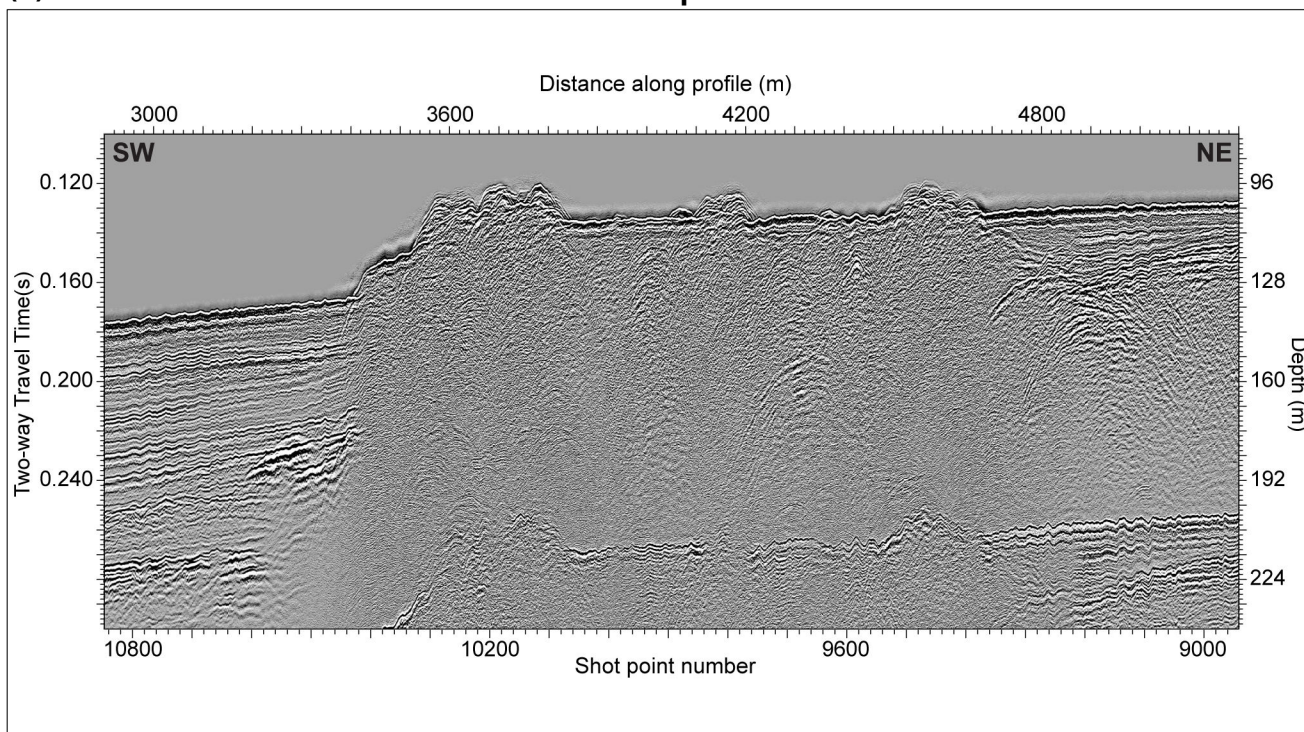


Pacific Gas and Electric Company

Figure 4.1-1

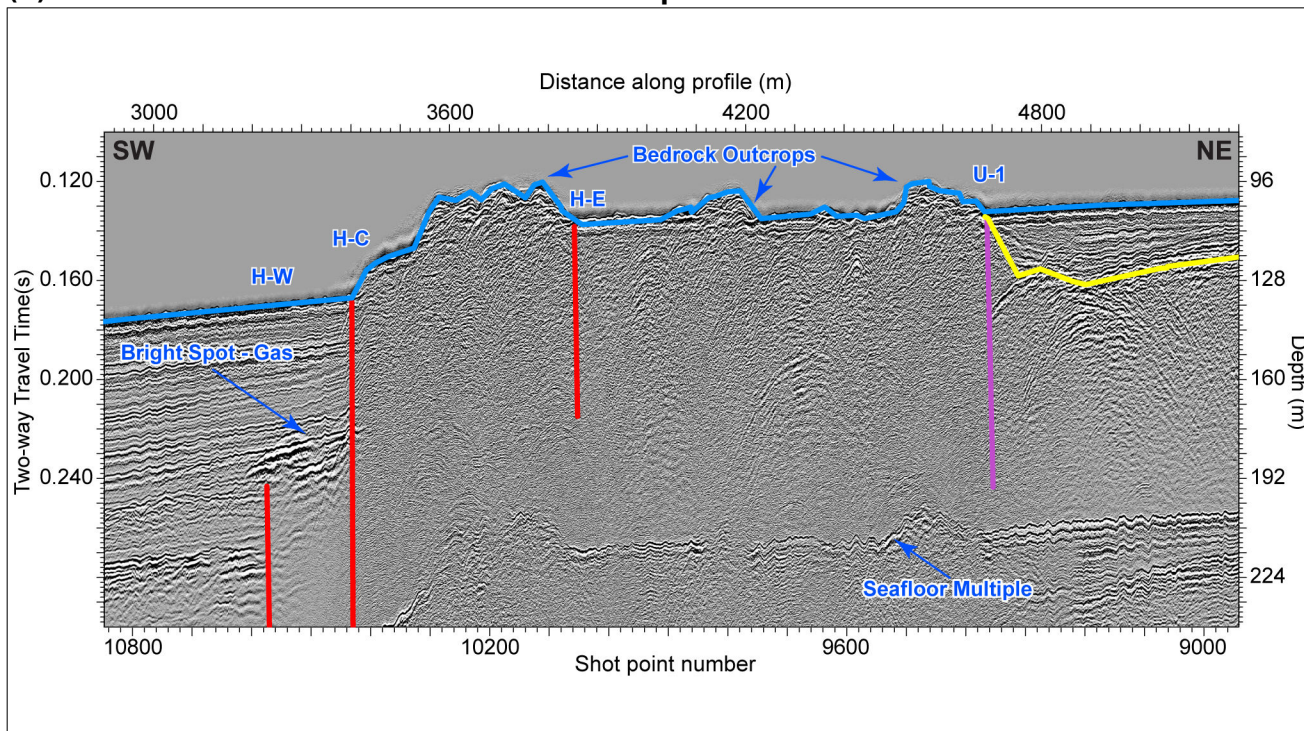
(a)

Uninterpreted



(b)

Interpreted



EXPLANATION

Interpreted Horizons

- Seafloor
- Base of surficial sediment

Interpreted Structures

- Unassigned fault
- Hosgri fault

Note: Depth values on seismic profile are referenced to MLLW (0 time) and assume an average velocity of 1,600 m/s for the combined water column and sediment and rock sections. Vertical exaggeration = 6.3x

Source: USGS 2008 Seismic Survey, Line PBS-43.

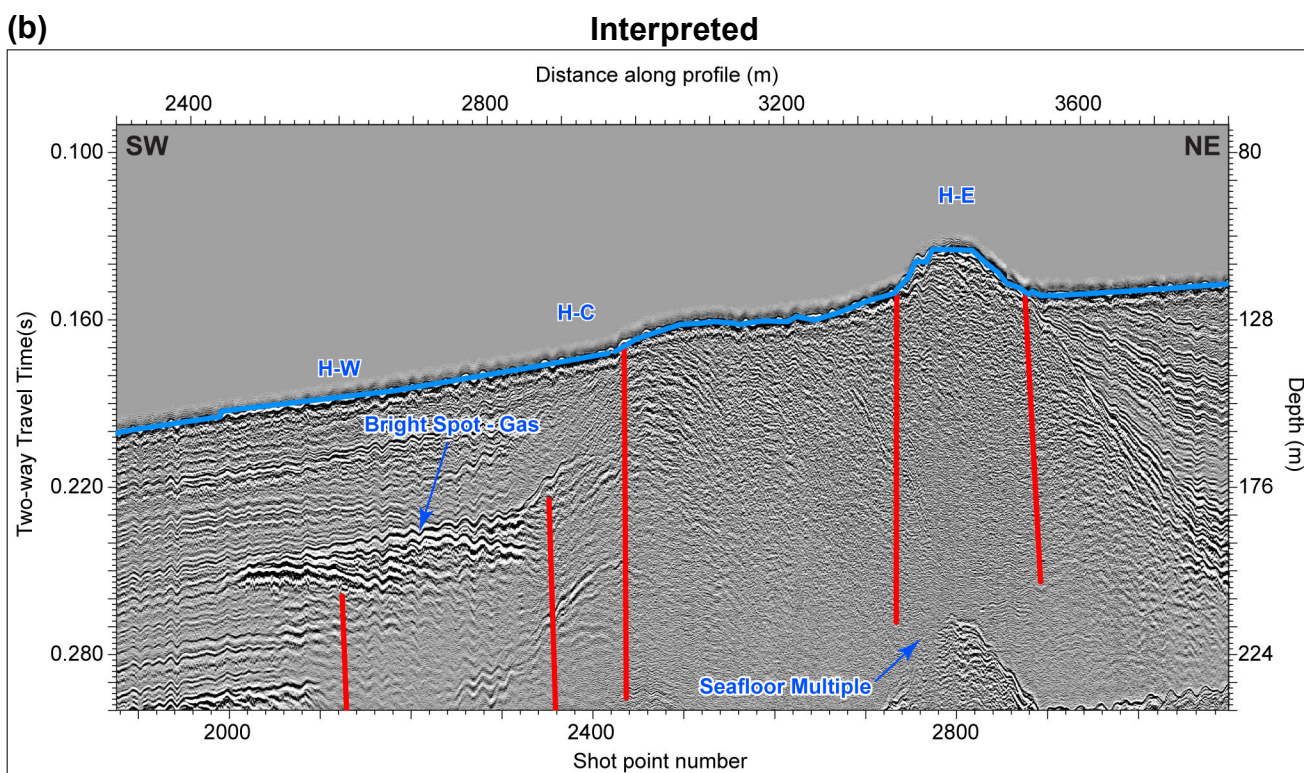
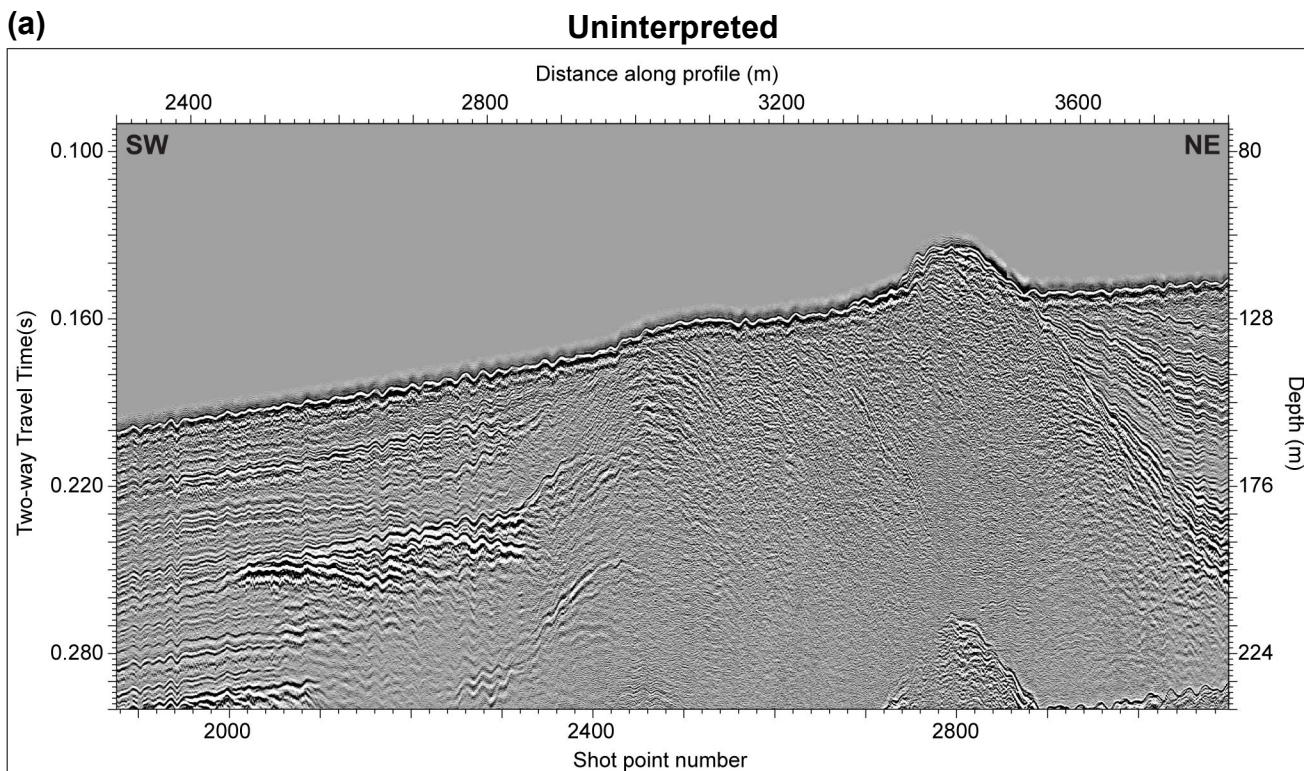
Hosgri Fault Zone—Bedrock Outcrop Area

INTERPRETATION OF SEISMIC REFLECTION DATA POINT BUCHON TO SAN SIMEON POINT



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Figure 4.1-2



EXPLANATION

Interpreted Horizons

— Seafloor

Interpreted Structures

— Hosgri fault

Multiple trace picks shown on Plate 6

Note: Depth values on seismic profile are referenced to MLLW (0 time) and assume an average velocity of 1,600 m/s for the combined water column and sediment and rock sections. Vertical exaggeration = 4.7x

Source: USGS 2008 Seismic Survey, Line PBS-08.

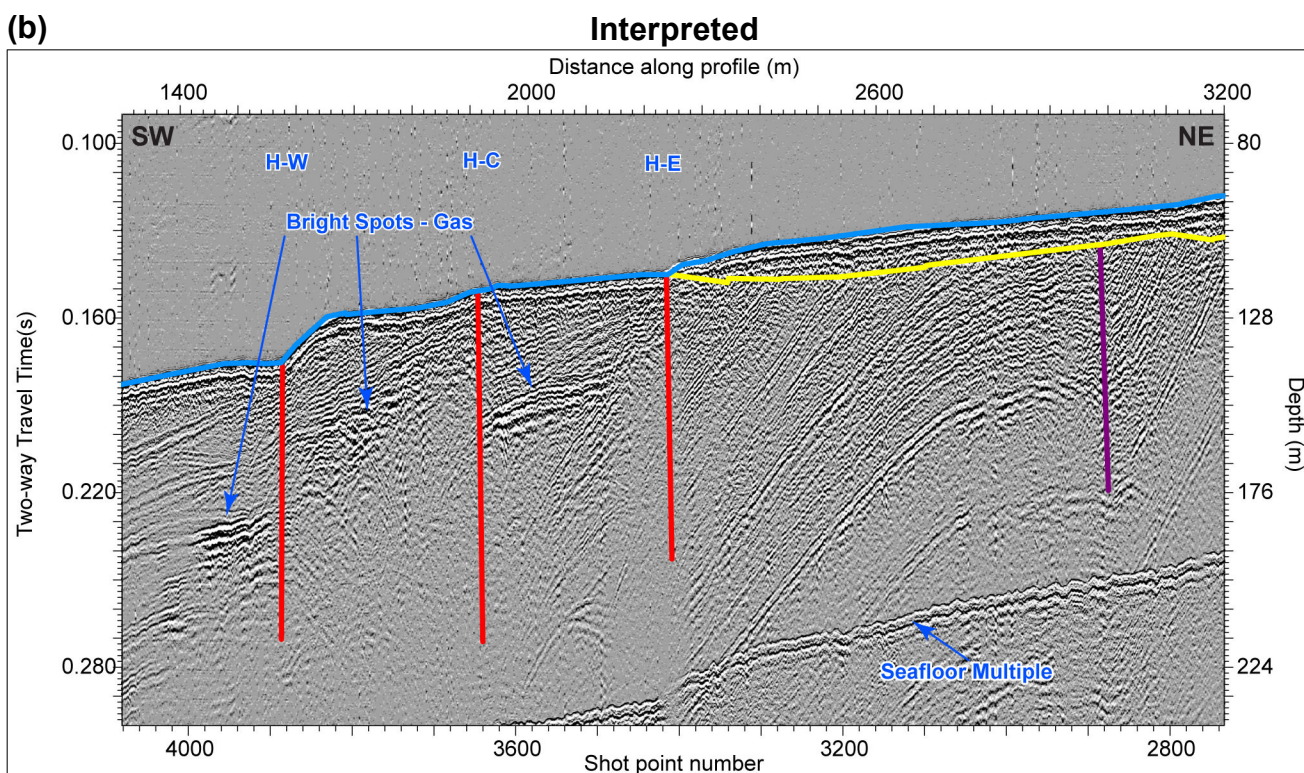
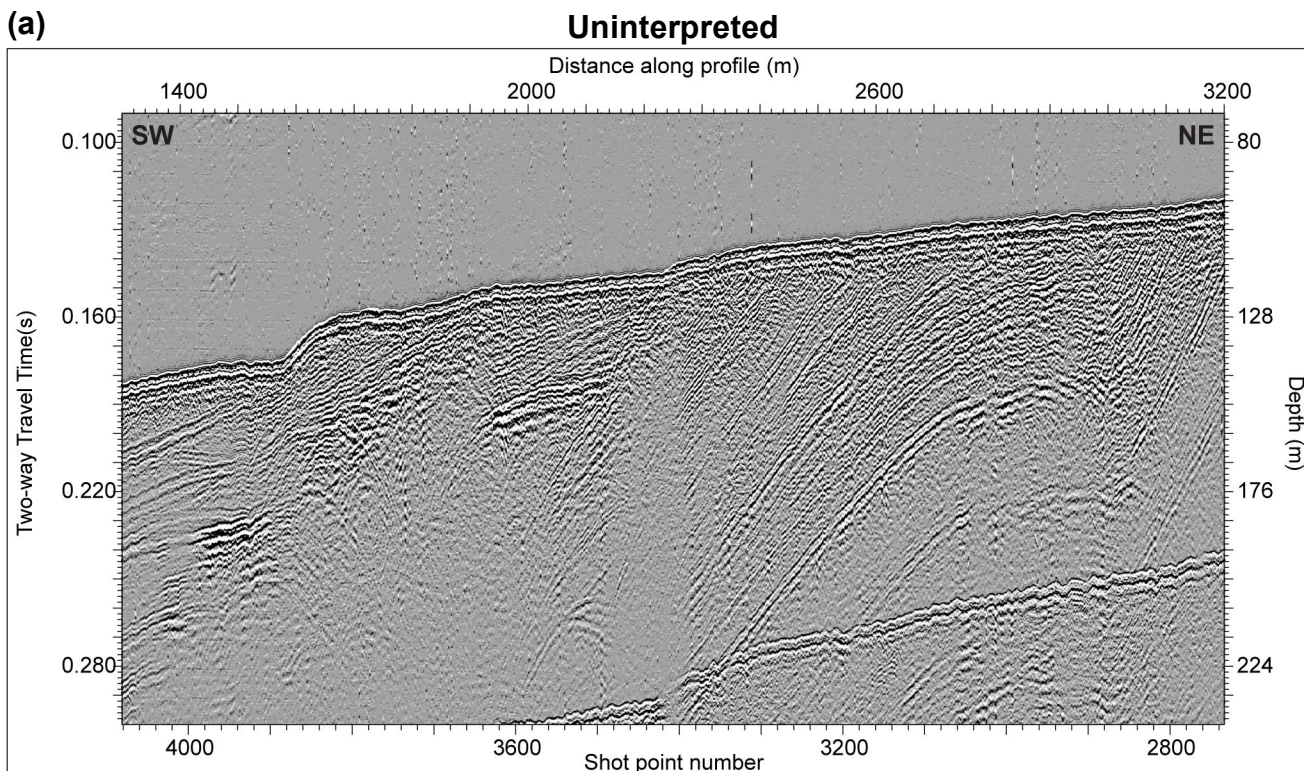
Hosgri Fault Zone—Multiple Fault Traces

INTERPRETATION OF SEISMIC REFLECTION DATA POINT BUCHON TO SAN SIMEON POINT



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Figure 4.1-3



EXPLANATION

Interpreted Horizons

- Seafloor
- Base of surficial sediment

Interpreted Structures

- Hosgri fault
- Kink fold

Note: Depth values on seismic profile are referenced to MLLW (0 time) and assume an average velocity of 1,600 m/s for the combined water column and sediment and rock sections. Vertical exaggeration = 6.3x

Source: USGS 2009 Seismic Survey, Line PBS-230.

Hosgri Fault Zone—Adjacent Kink Fold

INTERPRETATION OF SEISMIC REFLECTION DATA POINT BUCHON TO SAN SIMEON POINT

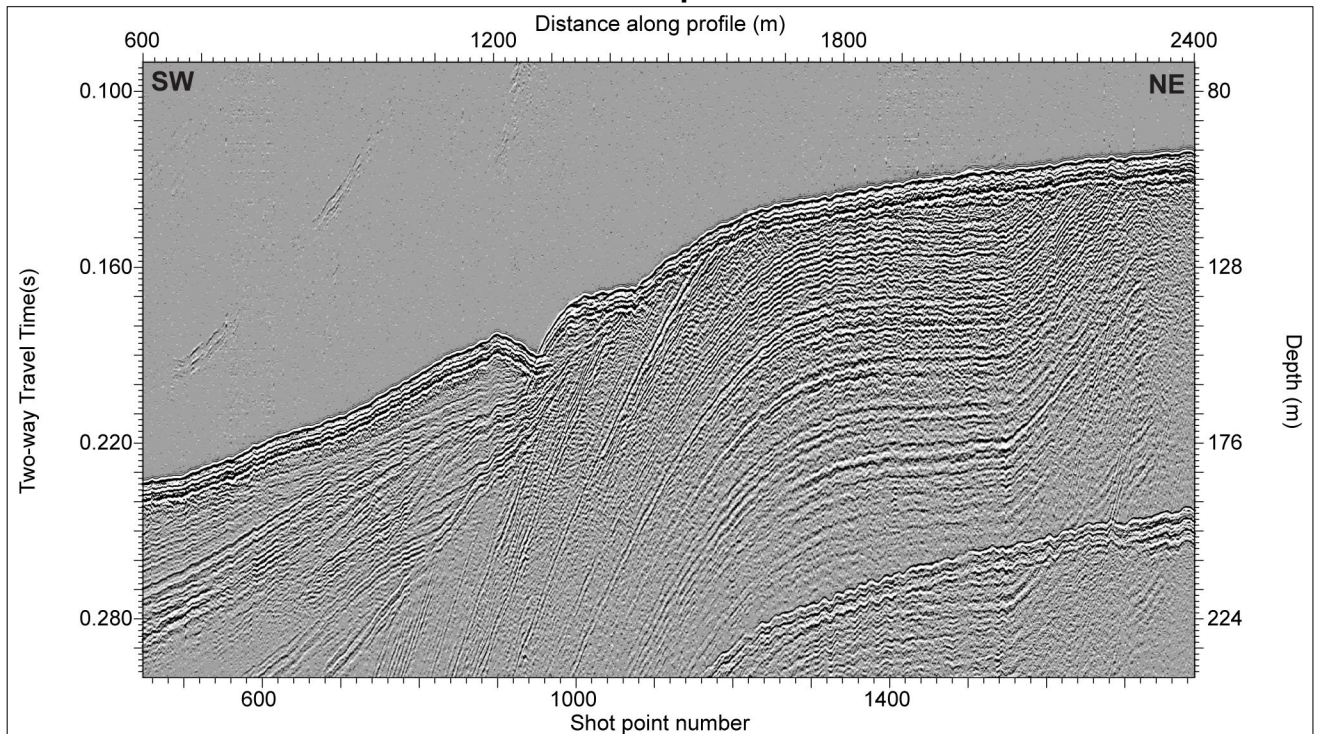


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Figure 4.1-4

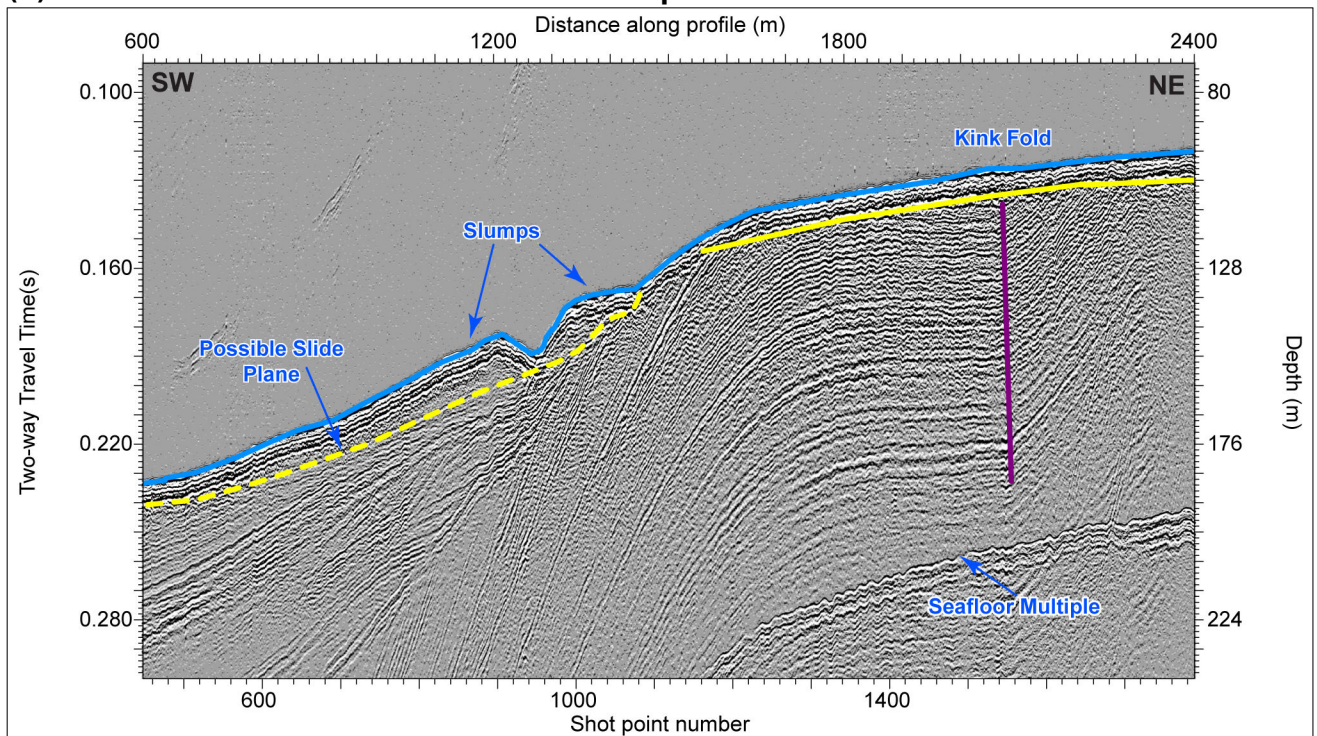
(a)

Uninterpreted



(b)

Interpreted



EXPLANATION

Interpreted Horizons

- Seafloor
- Base of surficial sediment

Interpreted Structures

- Kink fold

Note: Depth values on seismic profile are referenced to MLLW (0 time) and assume an average velocity of 1,600 m/s for the combined water column and sediment and rock sections. Vertical exaggeration = 6.3x

Source: USGS 2009 Seismic Survey, Line PBS-235.

Hosgri Fault Zone—No Apparent Fault

INTERPRETATION OF SEISMIC REFLECTION DATA POINT BUCHON TO SAN SIMEON POINT

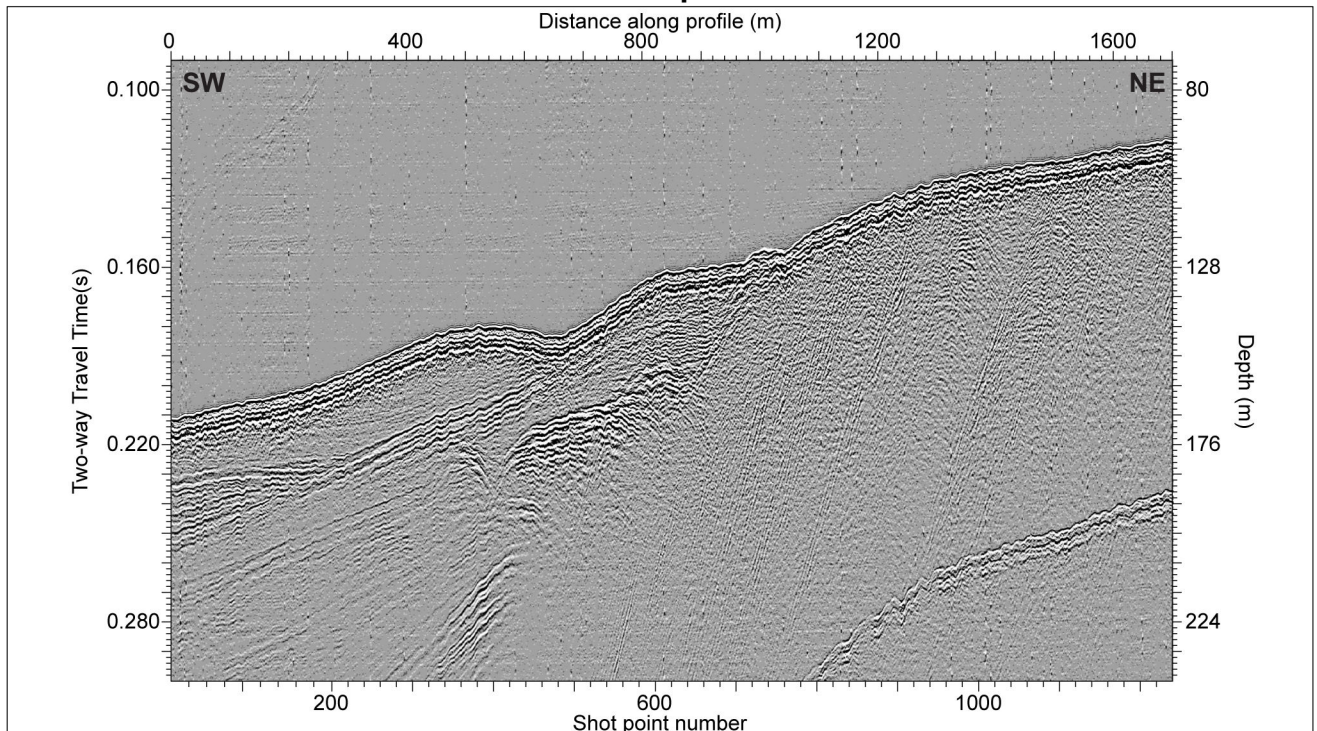


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Figure 4.1-5

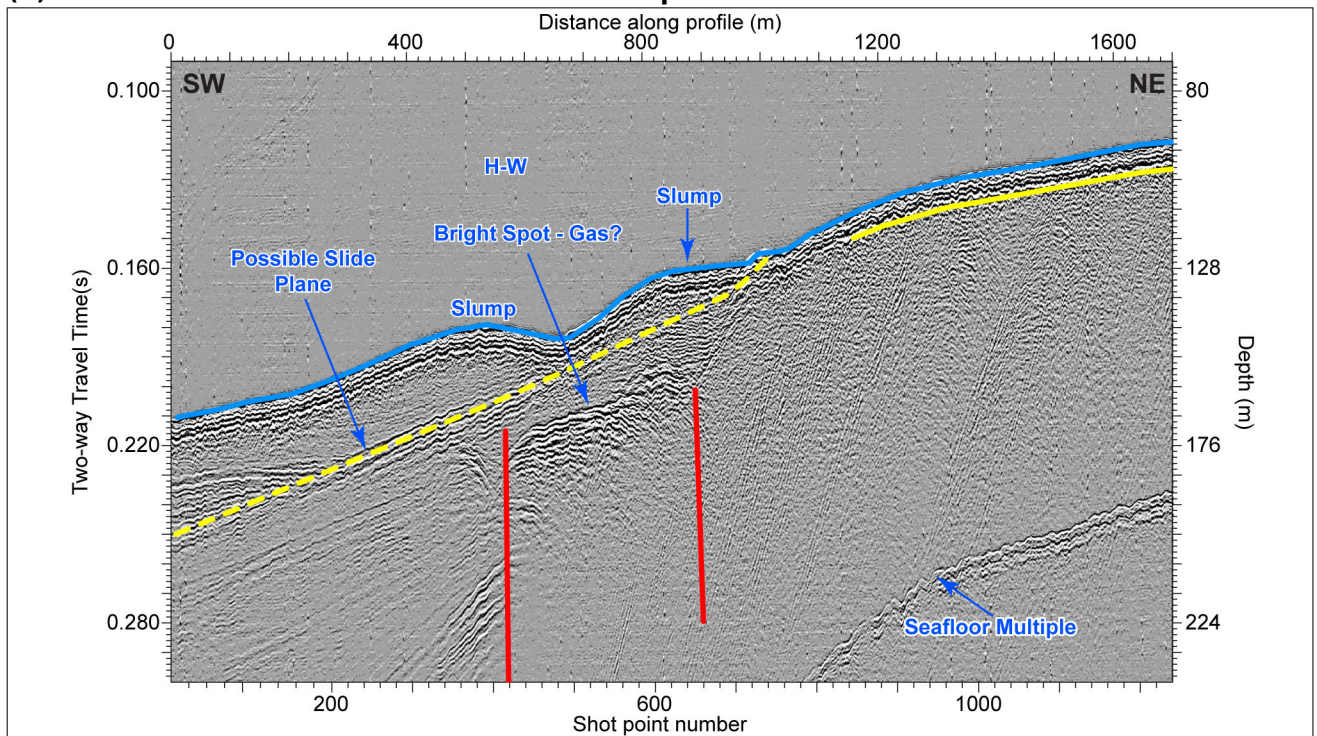
(a)

Uninterpreted



(b)

Interpreted



EXPLANATION

Interpreted Horizons

- Seafloor
- Base of surficial sediment

Interpreted Structures

- Hosgri fault

Note: Depth values on seismic profile are referenced to MLLW (0 time) and assume an average velocity of 1,600 m/s for the combined water column and sediment and rock sections. Vertical exaggeration = 6.3x

Source: USGS 2009 Seismic Survey, Line PBS-237.

Hosgri Fault Zone—Northern Area

INTERPRETATION OF SEISMIC REFLECTION DATA POINT BUCHON TO SAN SIMEON POINT

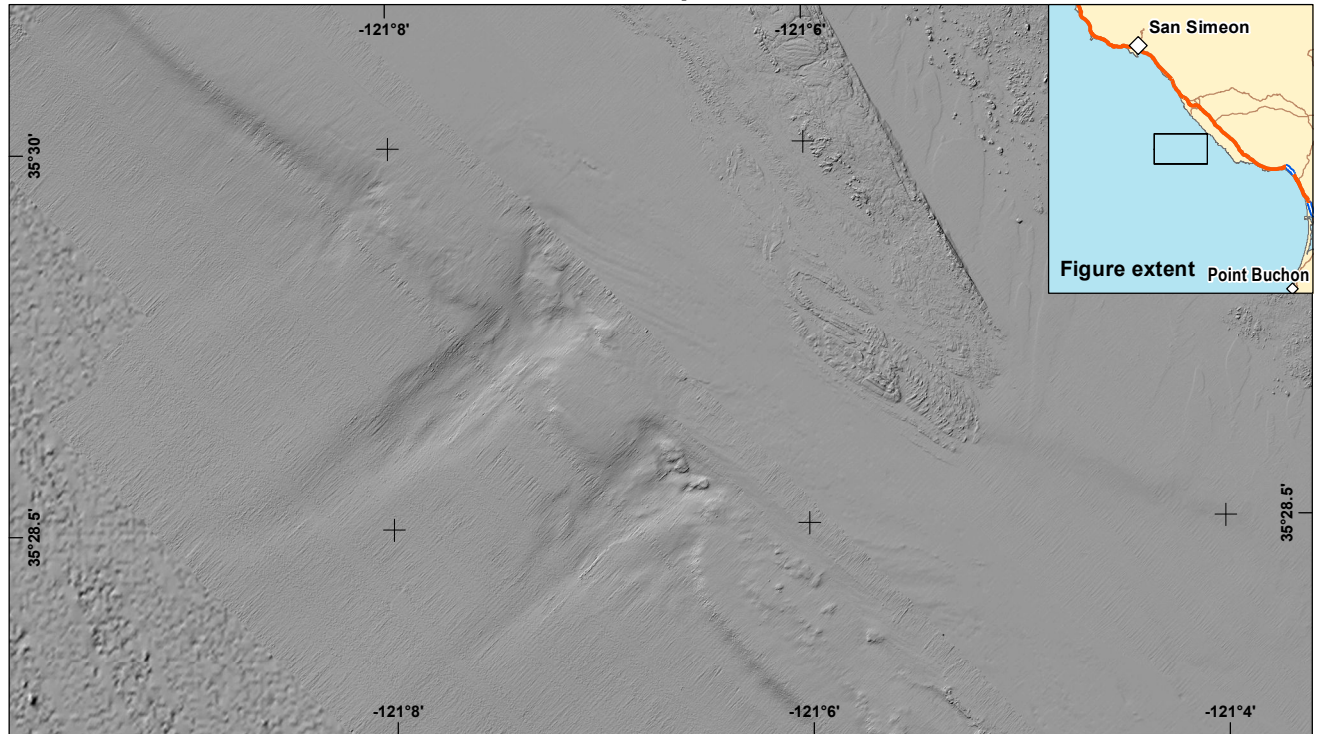


Pacific Gas and Electric Company

Figure 4.1-6

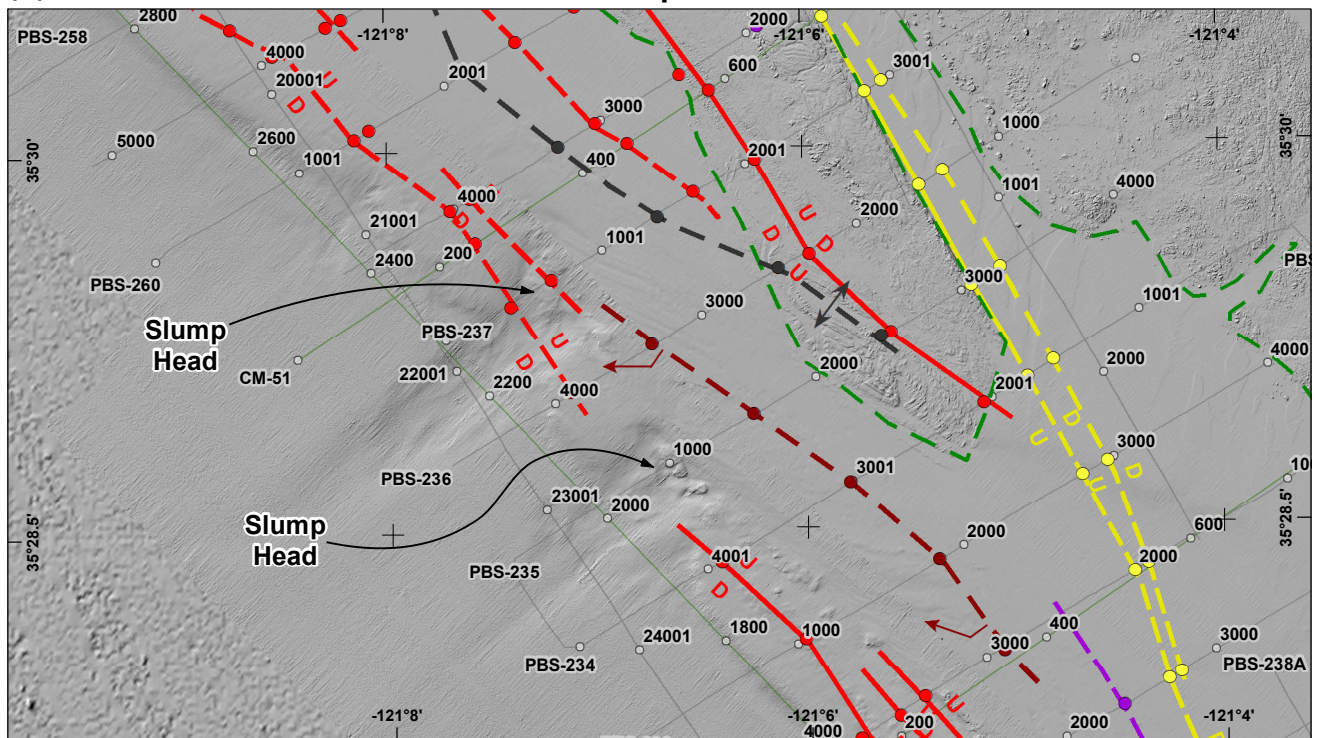
(a)

Uninterpreted



(b)

Interpreted



Notes:

- See Plate 2 for detailed explanation and data sources.
- See Plate 5 for larger-scale map and location of associated figures.

Map projection and scale: WGS 84 / UTM Zone 10N, 1:55,000

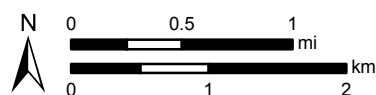
Hosgri Fault Zone—Slope Failure Features

INTERPRETATION OF SEISMIC REFLECTION DATA POINT BUCHON TO SAN SIMEON POINT



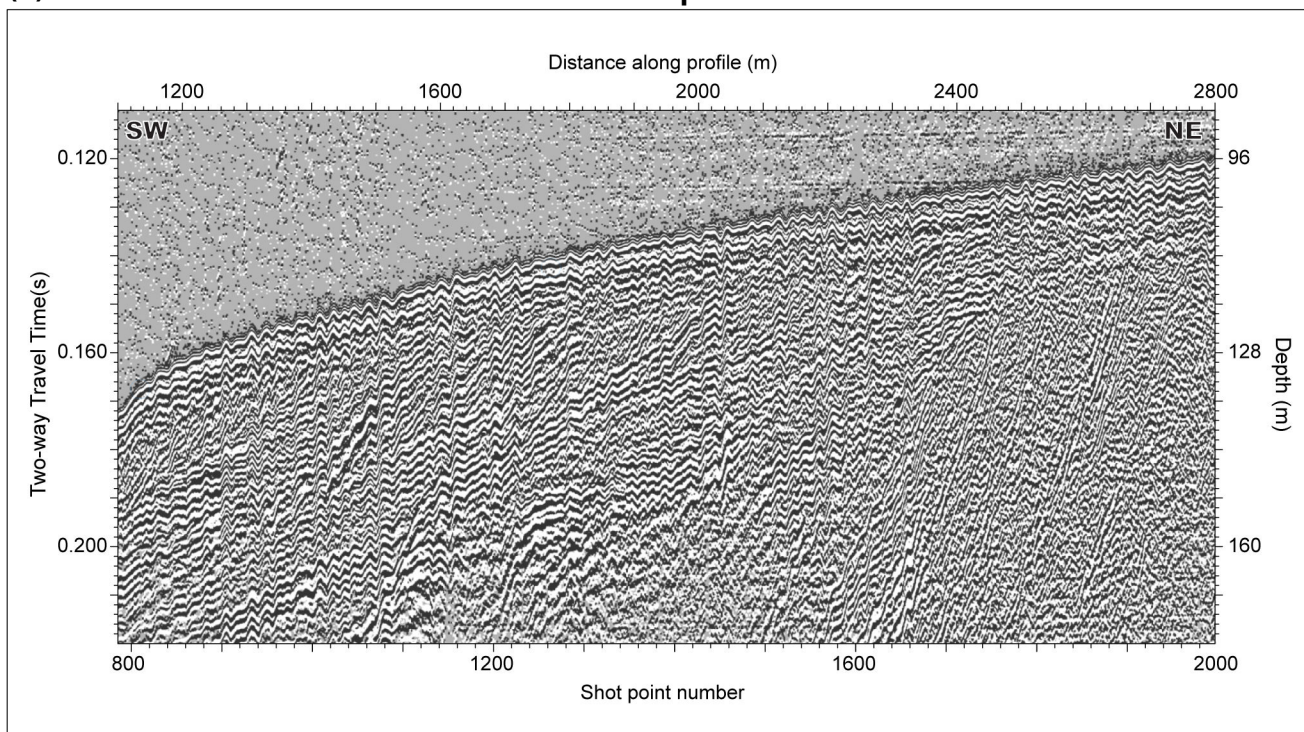
Pacific Gas and Electric Company

Figure 4.1-7



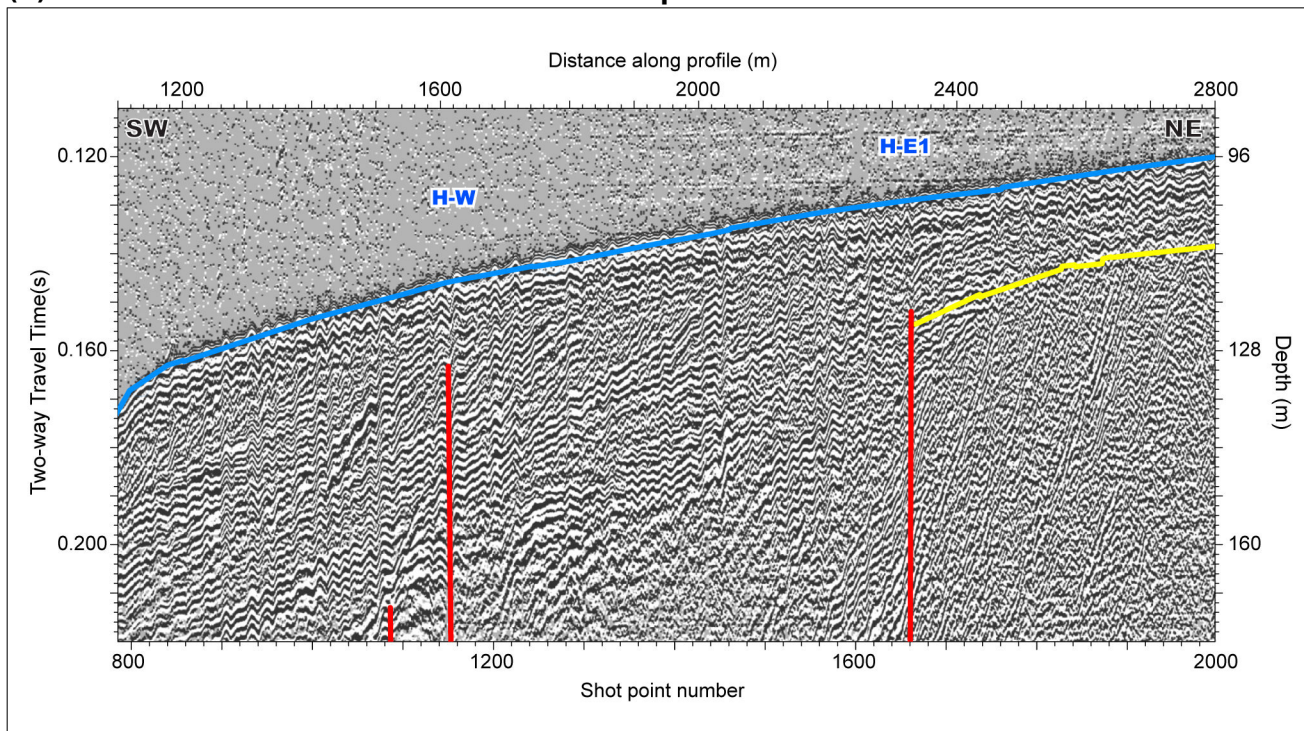
(a)

Uninterpreted



(b)

Interpreted



EXPLANATION

Interpreted Horizons

- Seafloor
- Base of surficial sediment

Interpreted Structures

- Hosgri fault

Note: Depth values on seismic profile are referenced to MLLW (0 time) and assume an average velocity of 1,600 m/s for the combined water column and sediment and rock sections. Vertical exaggeration = 9.4x

Source: USGS 2009 Seismic Survey, Line PBS-258.

Hosgri Fault—Northwest End

INTERPRETATION OF SEISMIC REFLECTION DATA POINT BUCHON TO SAN SIMEON POINT

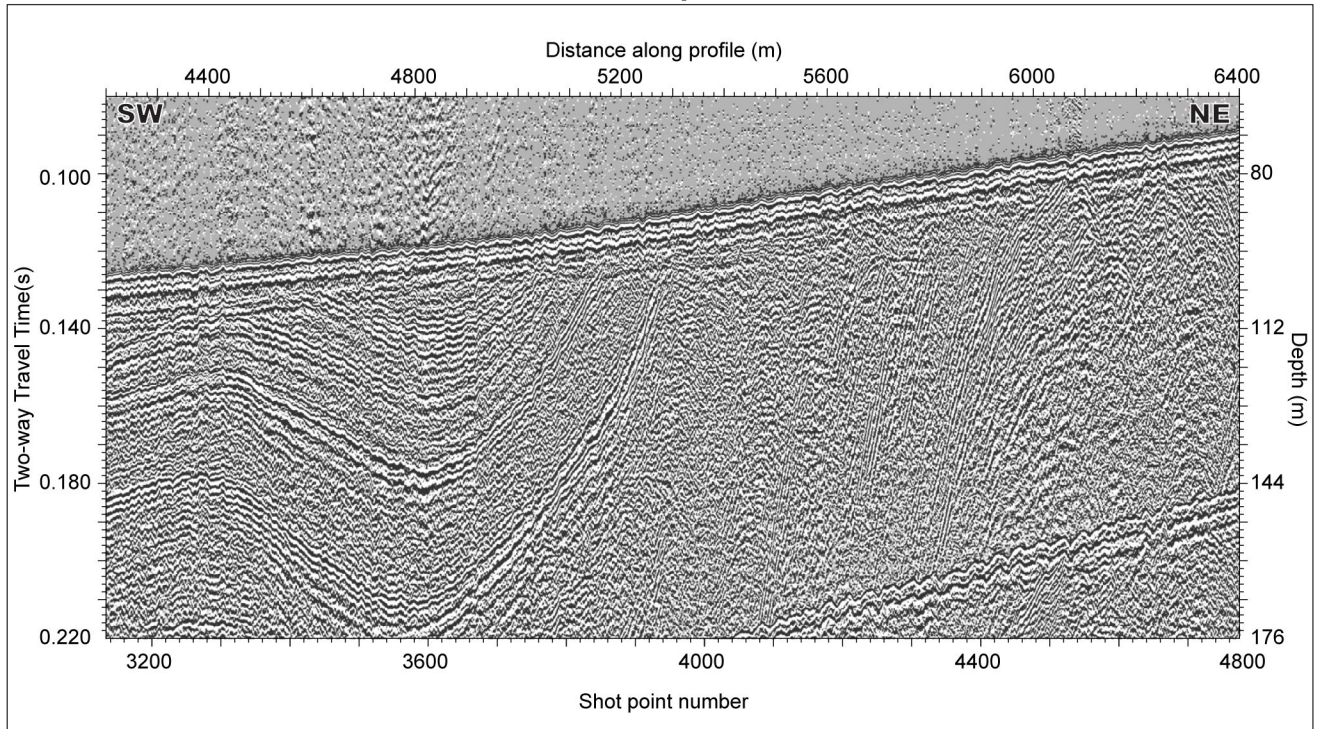


Pacific Gas and Electric Company

Figure 4.2-1

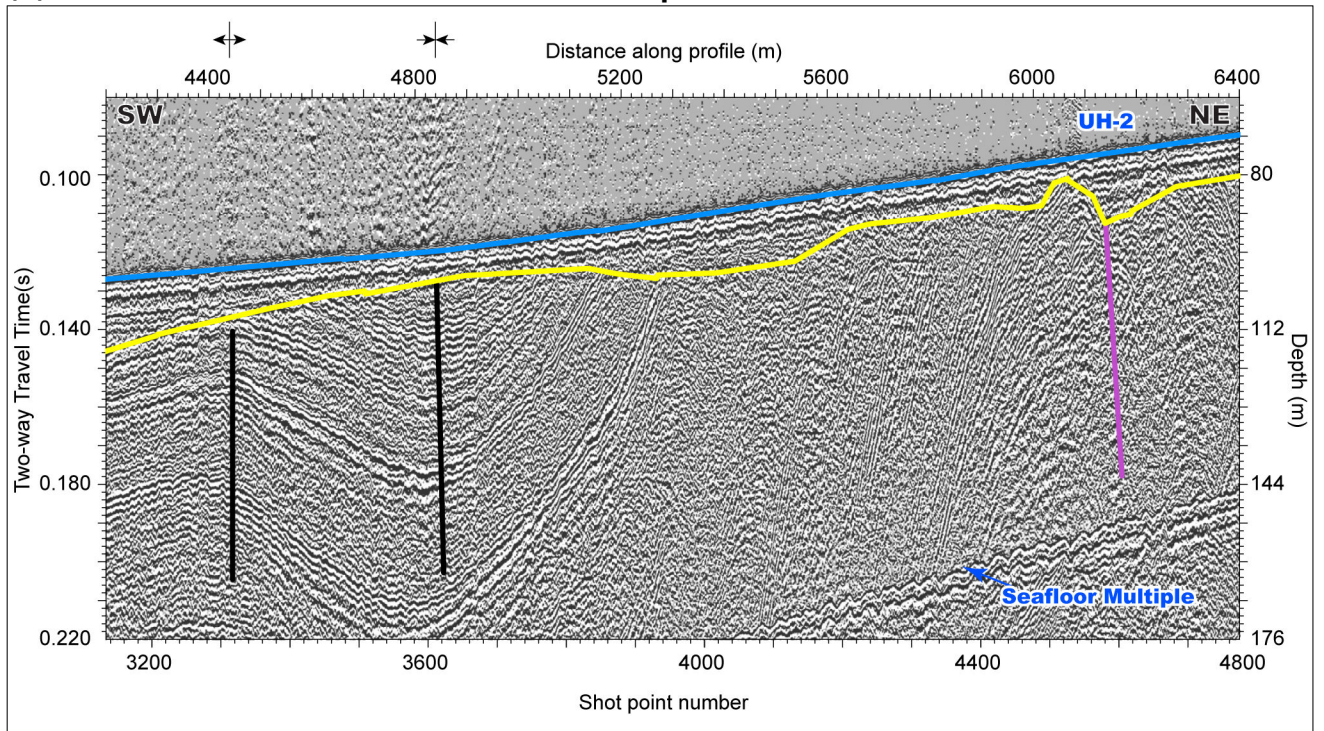
(a)

Uninterpreted



(b)

Interpreted



EXPLANATION

Interpreted Horizons

- Blue line: Seafloor
- Yellow line: Base of surficial sediment

Interpreted Structures

- Anticline axis
- Syncline axis
- Unassigned fault

Note: Depth values on seismic profile are referenced to MLLW (0 time) and assume an average velocity of 1,600 m/s for the combined water column and sediment and rock sections. Vertical exaggeration = 8.9x

Source: USGS 2009 Seismic Survey, Line PBS-247.

Structures 6 km North of Hosgri Fault

INTERPRETATION OF SEISMIC REFLECTION DATA POINT BUCHON TO SAN SIMEON POINT

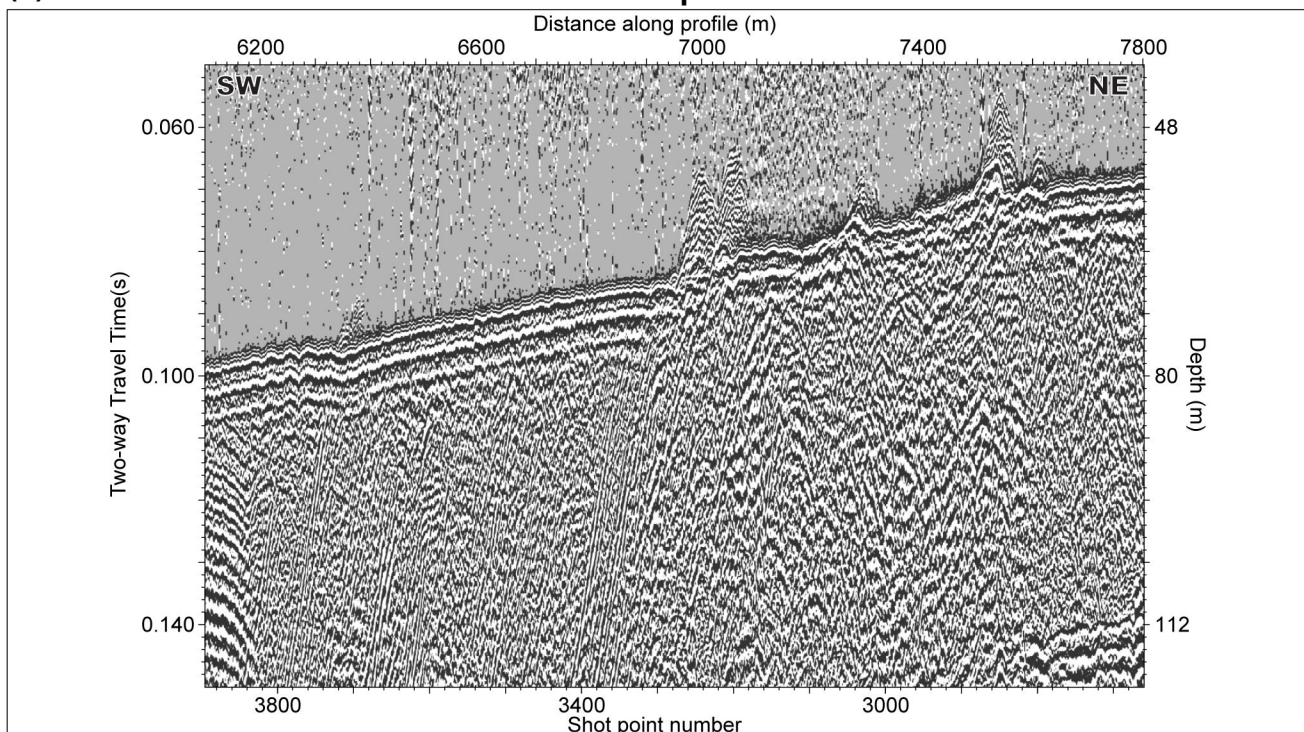


Pacific Gas and Electric Company

Figure 4.2-2

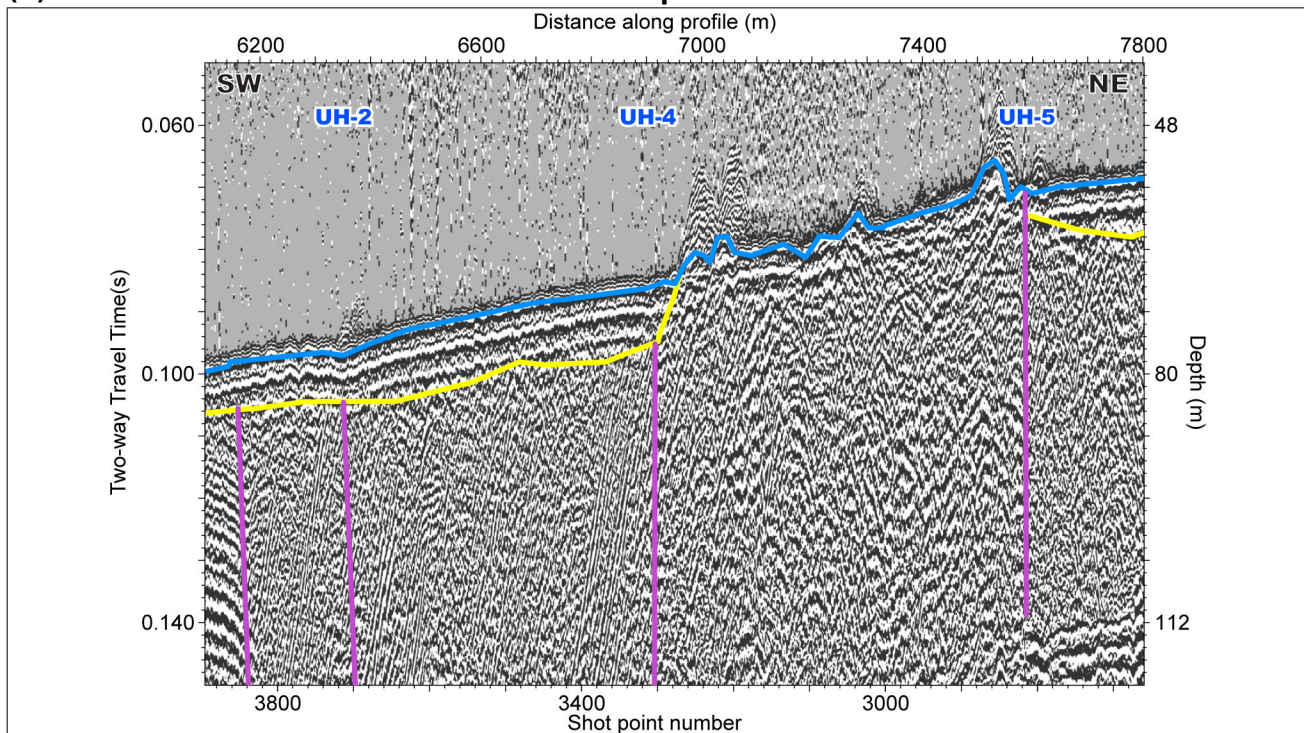
(a)

Uninterpreted



(b)

Interpreted



EXPLANATION

Interpreted Horizons

- Seafloor
- Base of surficial sediment

Interpreted Structures

- Unassigned fault trace

Note: Depth values on seismic profile are referenced to MLLW (0 time) and assume an average velocity of 1,600 m/s for the combined water column and sediment and rock sections. Vertical exaggeration = 14x

Source: USGS 2009 Seismic Survey, Line PBS-242.

Unassigned Fault Traces North and Parallel to Hosgri Trend, 5 km South of San Simeon Point

INTERPRETATION OF SEISMIC REFLECTION DATA POINT BUCHON TO SAN SIMEON POINT

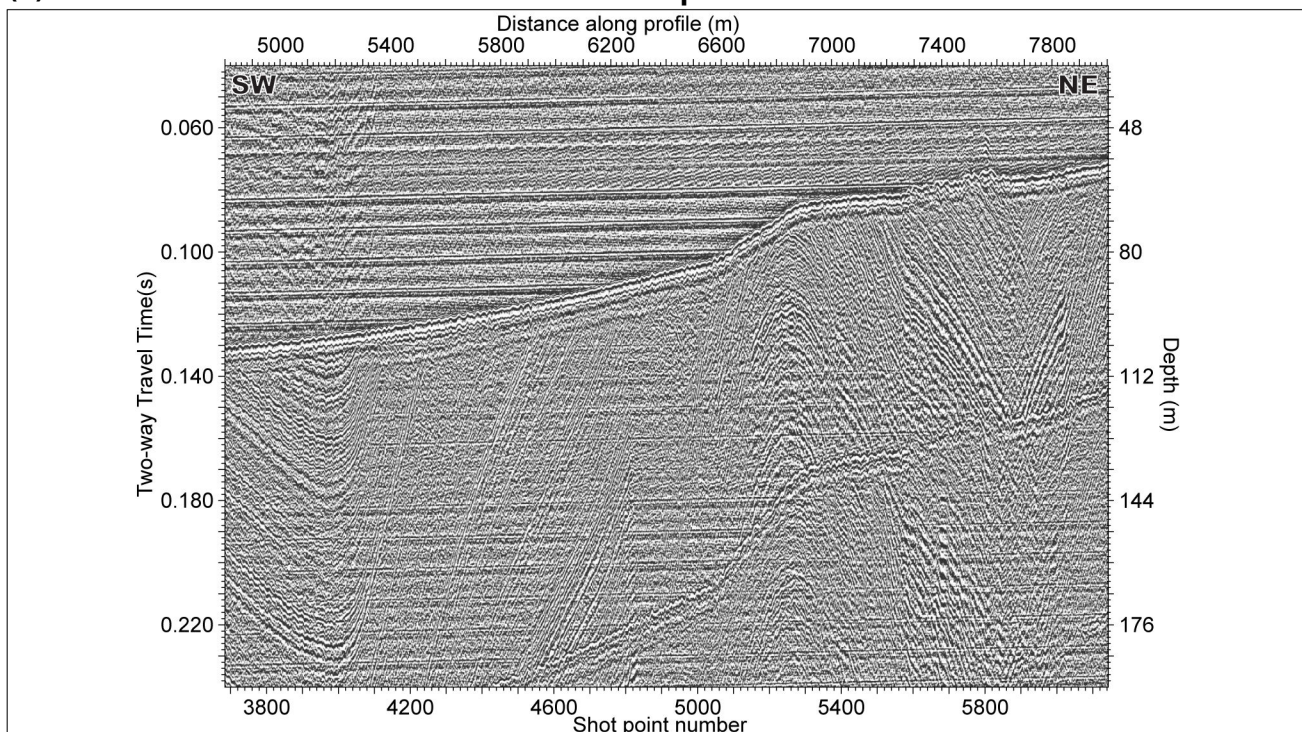


Pacific Gas and Electric Company

Figure 4.2-3

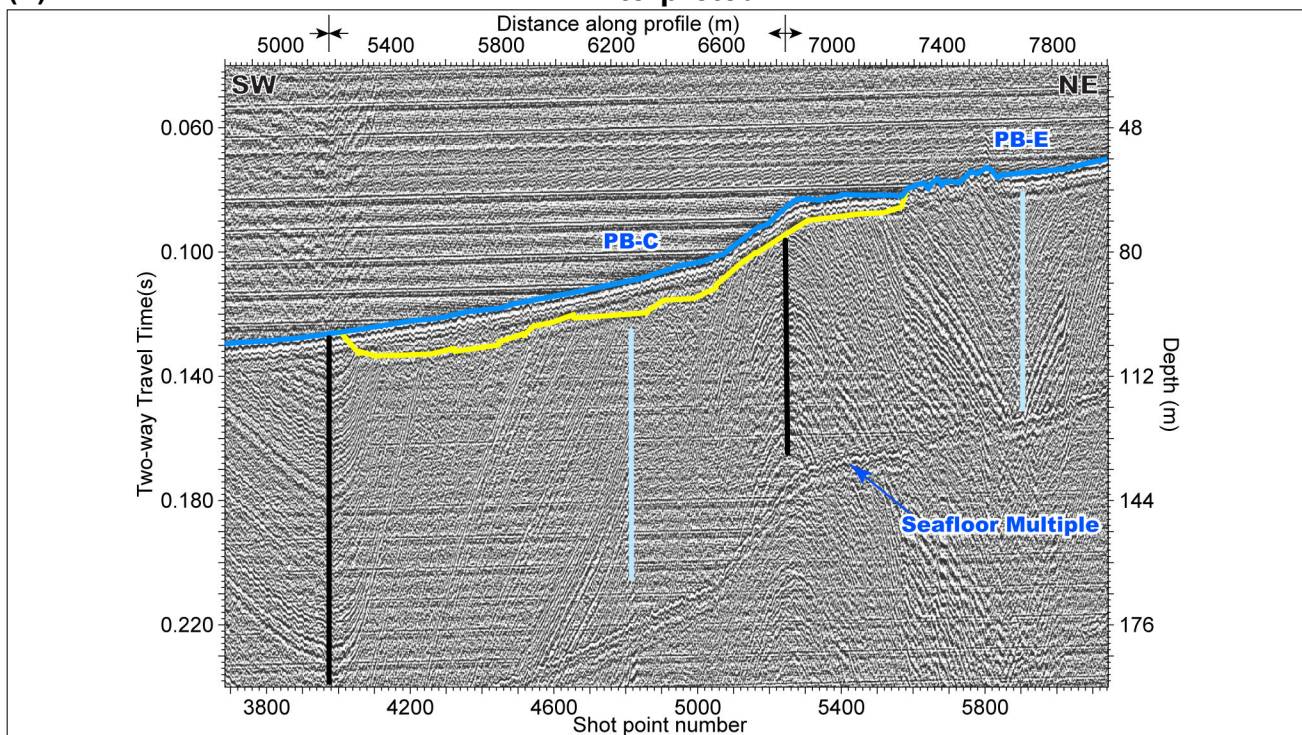
(a)

Uninterpreted



(b)

Interpreted



EXPLANATION

Interpreted Horizons

- Seafloor
- Base of surficial sediment

Interpreted Structures

- Anticline axis
- Syncline axis
- Piedras Blancas fault

Note: Depth values on seismic profile are referenced to MLLW (0 time) and assume an average velocity of 1,600 m/s for the combined water column and sediment and rock sections. Vertical exaggeration = 14x

Source: USGS 2009 Seismic Survey, Line PBS-227.

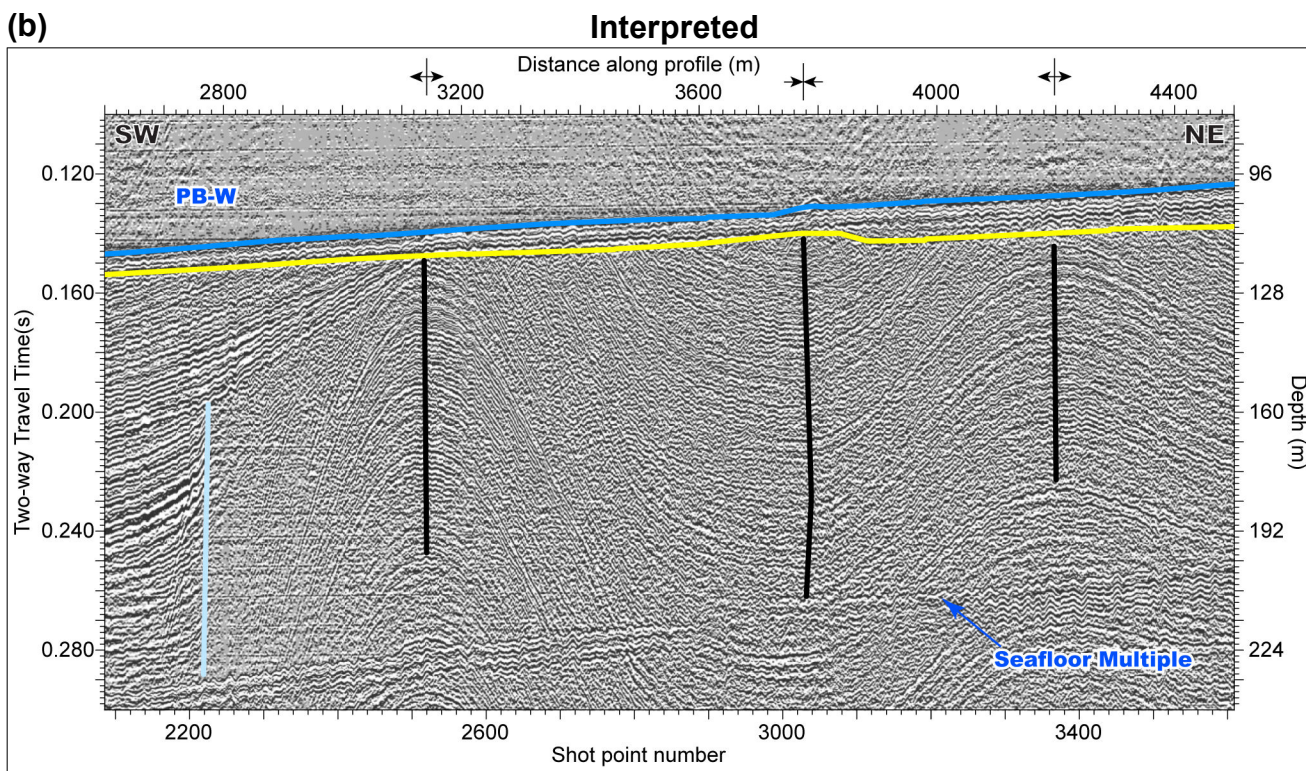
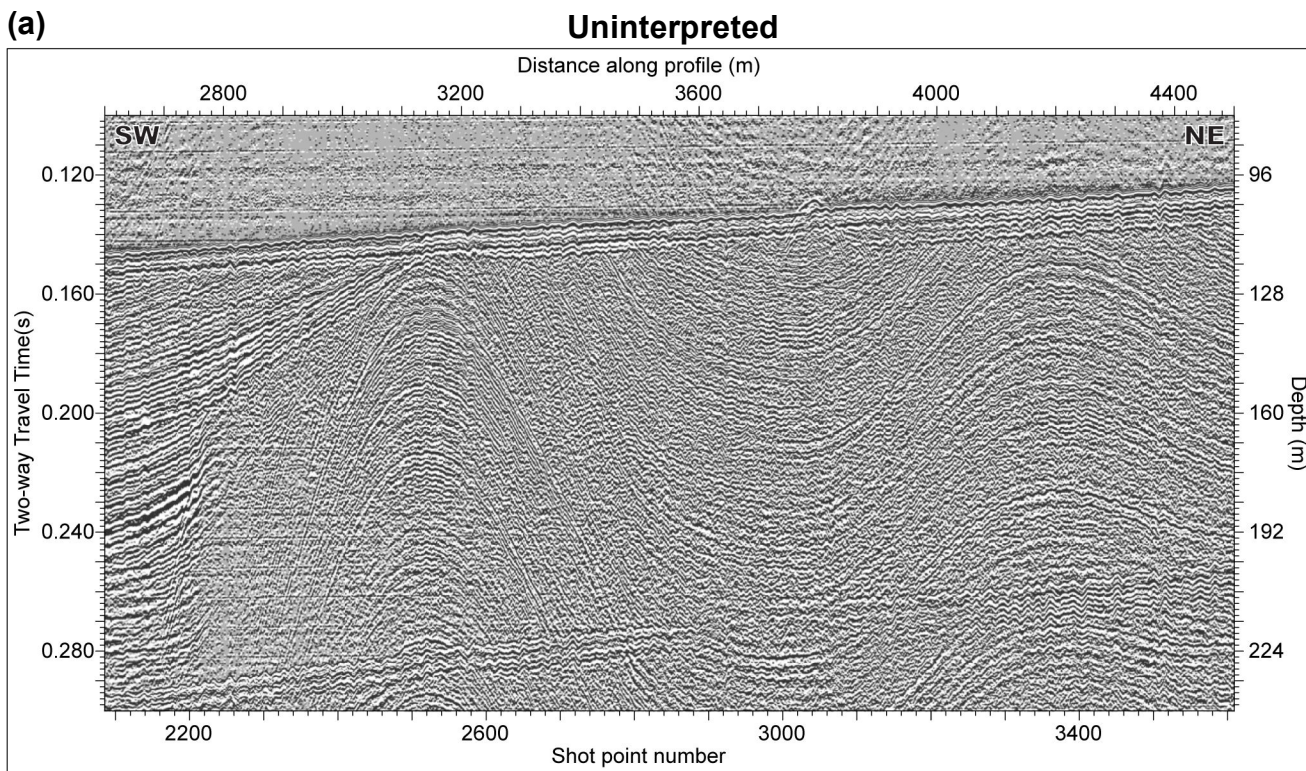
Shallow Folds and Faults on Southwest Flank of Piedras Blancas Antiform, 4 to 6 km Southwest of San Simeon Point

INTERPRETATION OF SEISMIC REFLECTION DATA POINT BUCHON TO SAN SIMEON POINT



Pacific Gas and Electric Company

Figure 4.2-4



EXPLANATION

Interpreted Horizons

- Seafloor
- Base of surficial sediment

Interpreted Structures

- Anticline axis
- Syncline axis
- Piedras Blancas fault

Note: Depth values on seismic profile are referenced to MLLW (0 time) and assume an average velocity of 1,600 m/s for the combined water column and sediment and rock sections. Vertical exaggeration = 6.3x

Source: USGS 2009 Seismic Survey, Line PBS-224 SW End.

Piedras Blancas Fault and Fold Belt, Southwest Flank of Antiform

INTERPRETATION OF SEISMIC REFLECTION DATA POINT BUCHON TO SAN SIMEON POINT

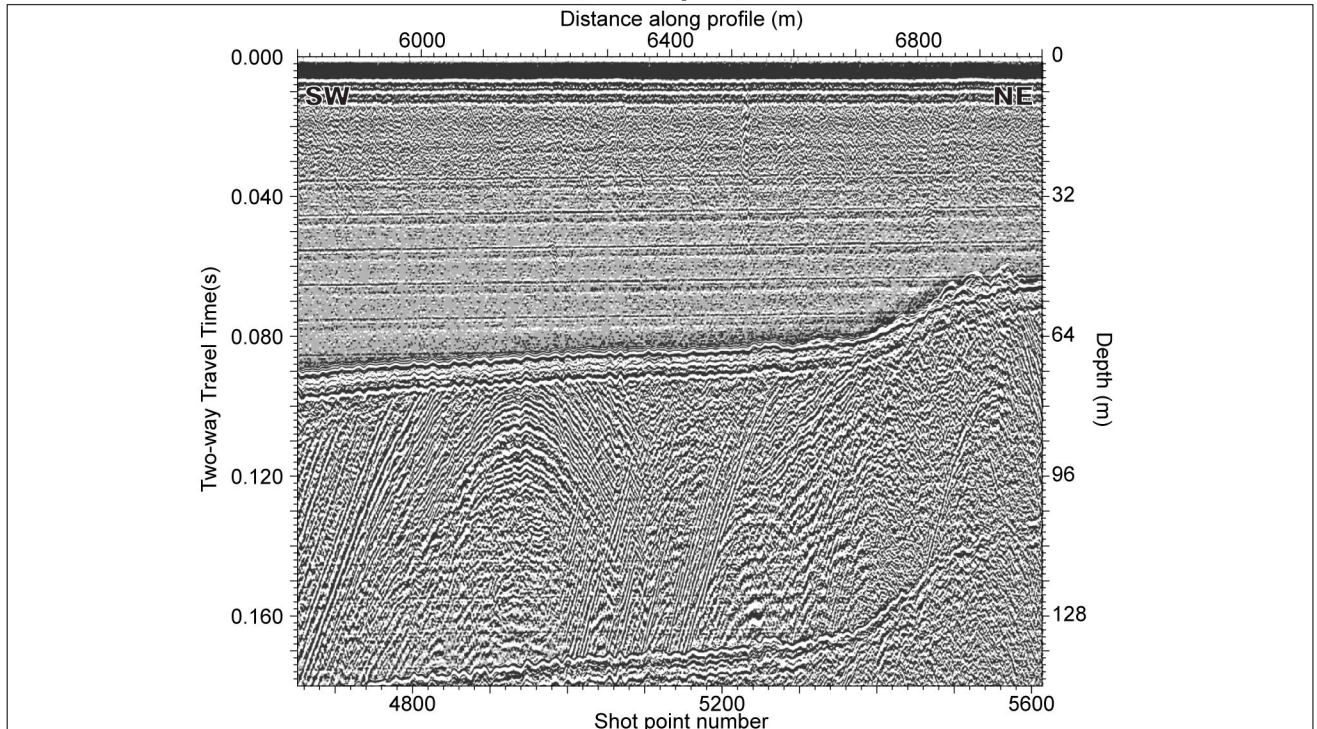


Pacific Gas and Electric Company

Figure 4.2-5

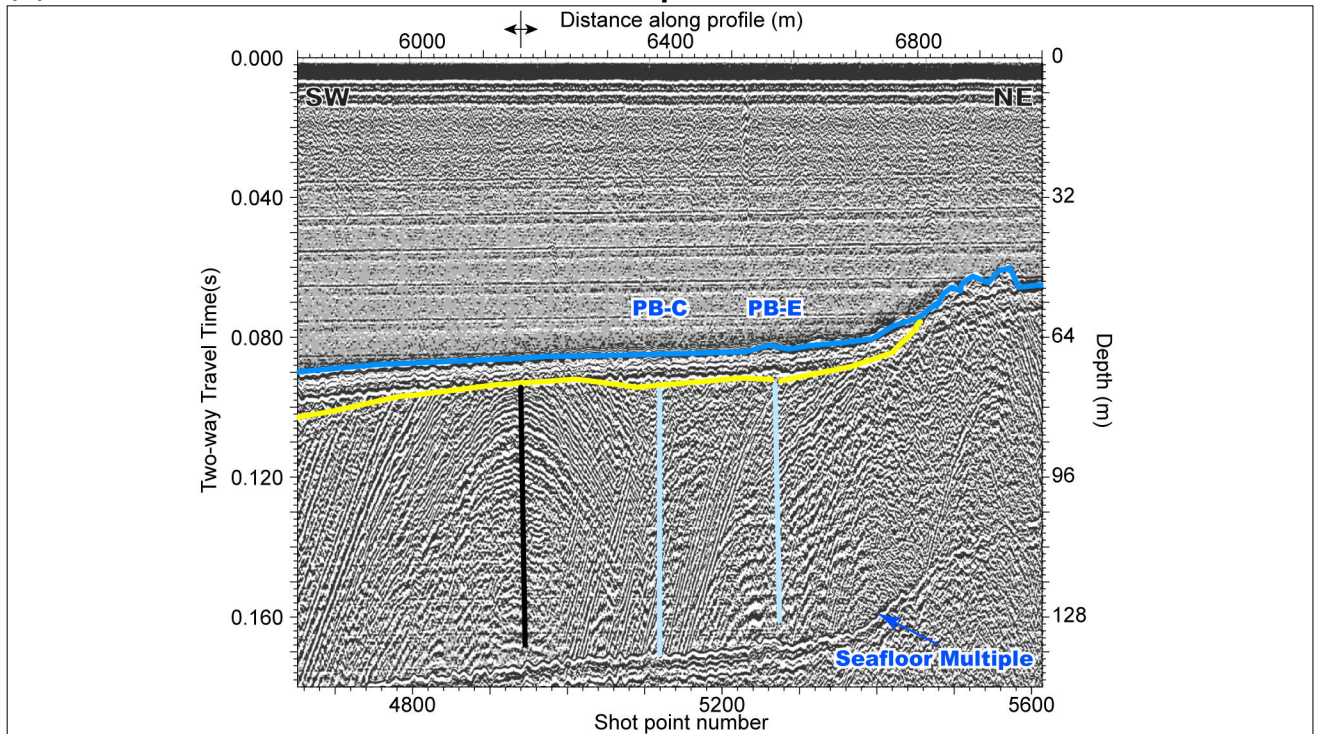
(a)

Uninterpreted



(b)

Interpreted



EXPLANATION

Interpreted Horizons

- Seafloor
- Base of surficial sediment

Interpreted Structures

- Syncline axis
- Piedras blancas fault

Note: Depth values on seismic profile are referenced to MLLW (0 time) and assume an average velocity of 1,600 m/s for the combined water column and sediment and rock sections. Vertical exaggeration = 6.8x

Source: USGS 2009 Seismic Survey, Line PBS-224 NE End.

Piedras Blancas Fault and Fold Belt, Northeast of Figure 4.2-5

INTERPRETATION OF SEISMIC REFLECTION DATA POINT BUCHON TO SAN SIMEON POINT

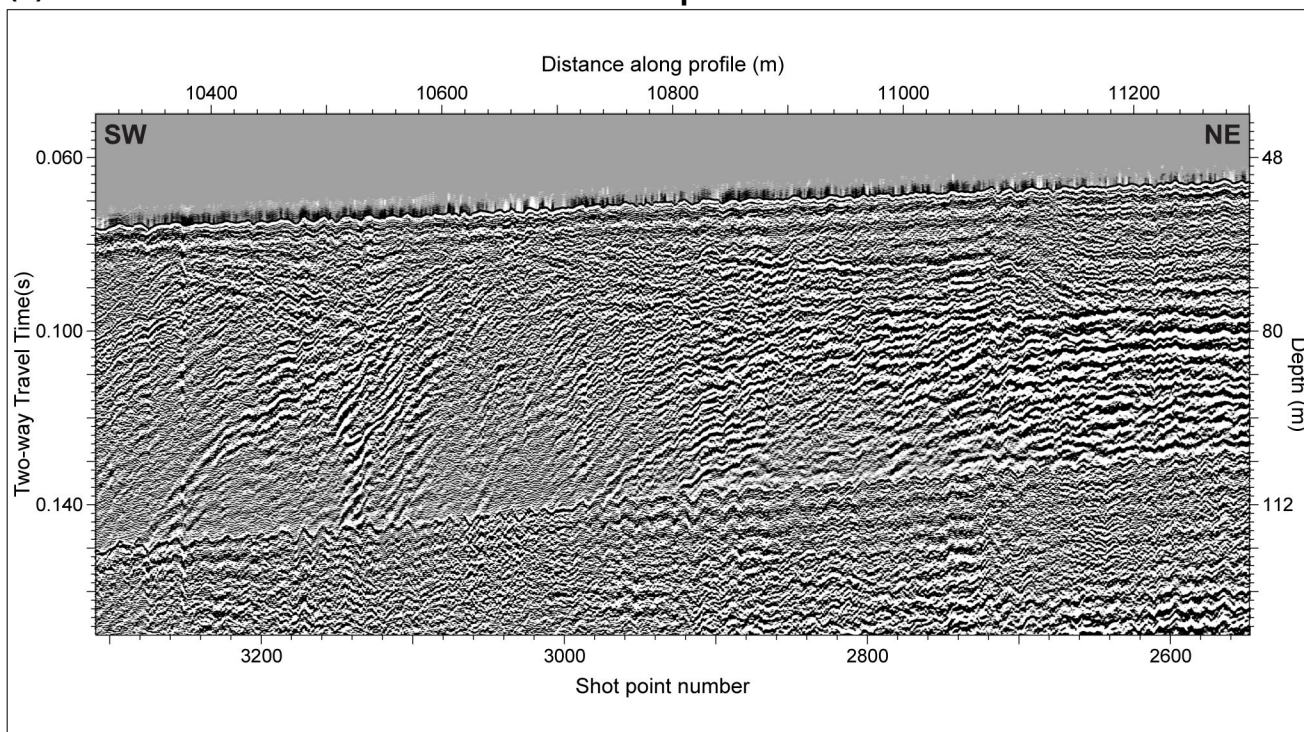


Pacific Gas and Electric Company

Figure 4.2-6

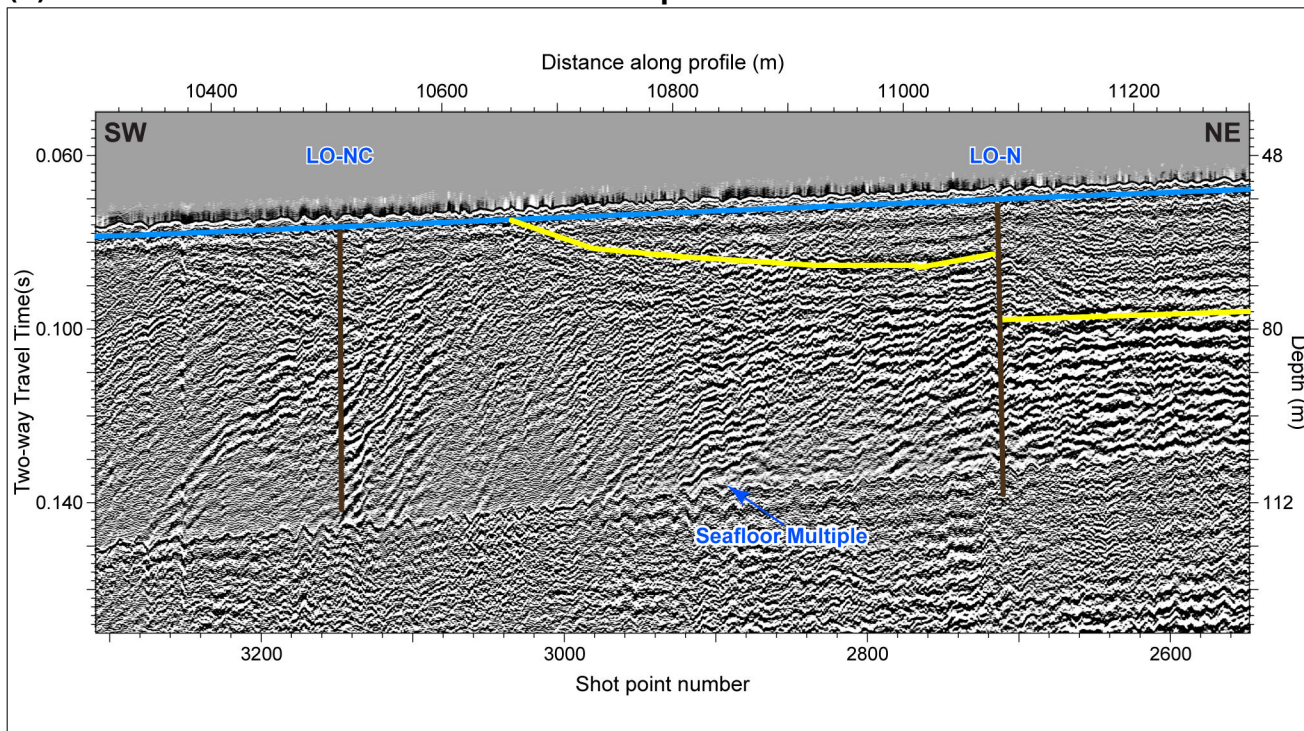
(a)

Uninterpreted



(b)

Interpreted



EXPLANATION

Interpreted Horizons

- Seafloor
- Base of surficial sediment

Interpreted Structures

- Los Osos fault

Note: Depth values on seismic profile are referenced to MLLW (0 time) and assume an average velocity of 1,600 m/s for the combined water column and sediment and rock sections. Vertical exaggeration = 4.7x

Source: USGS 2008 Seismic Survey, Line PBS-36.

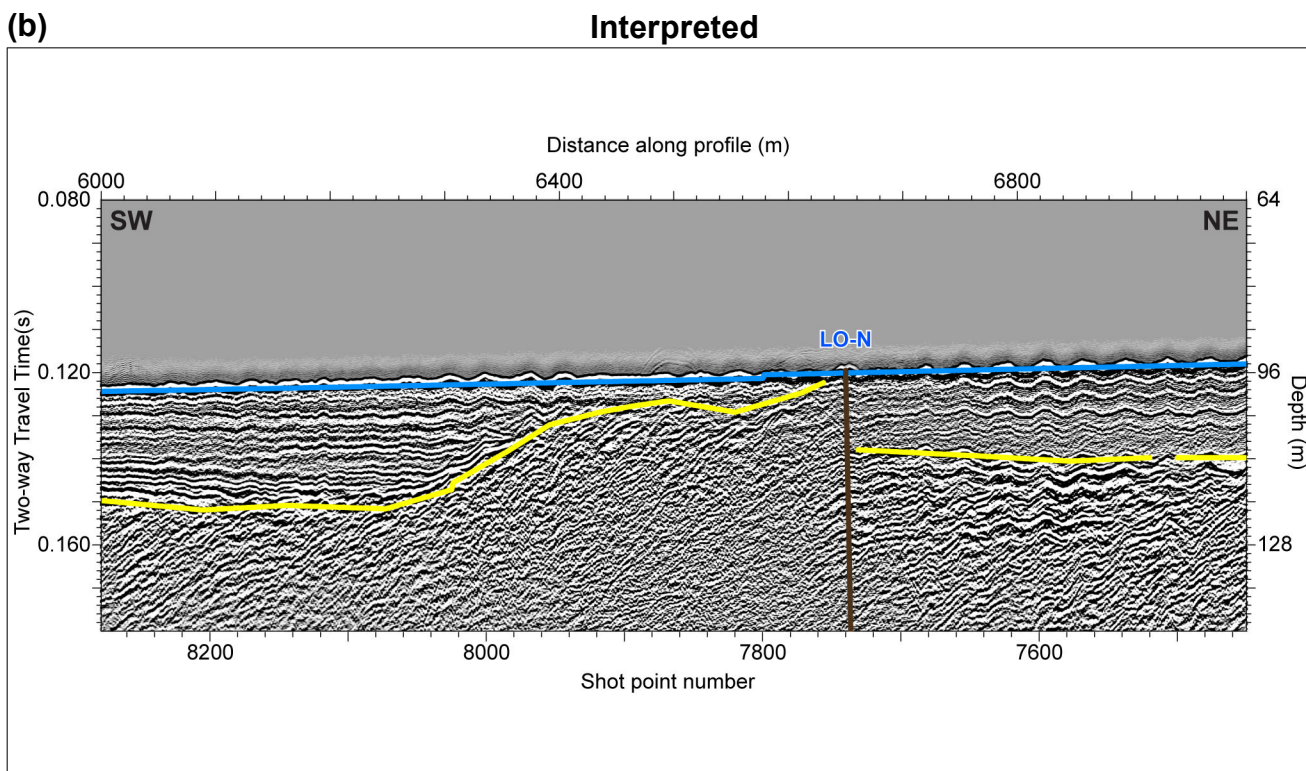
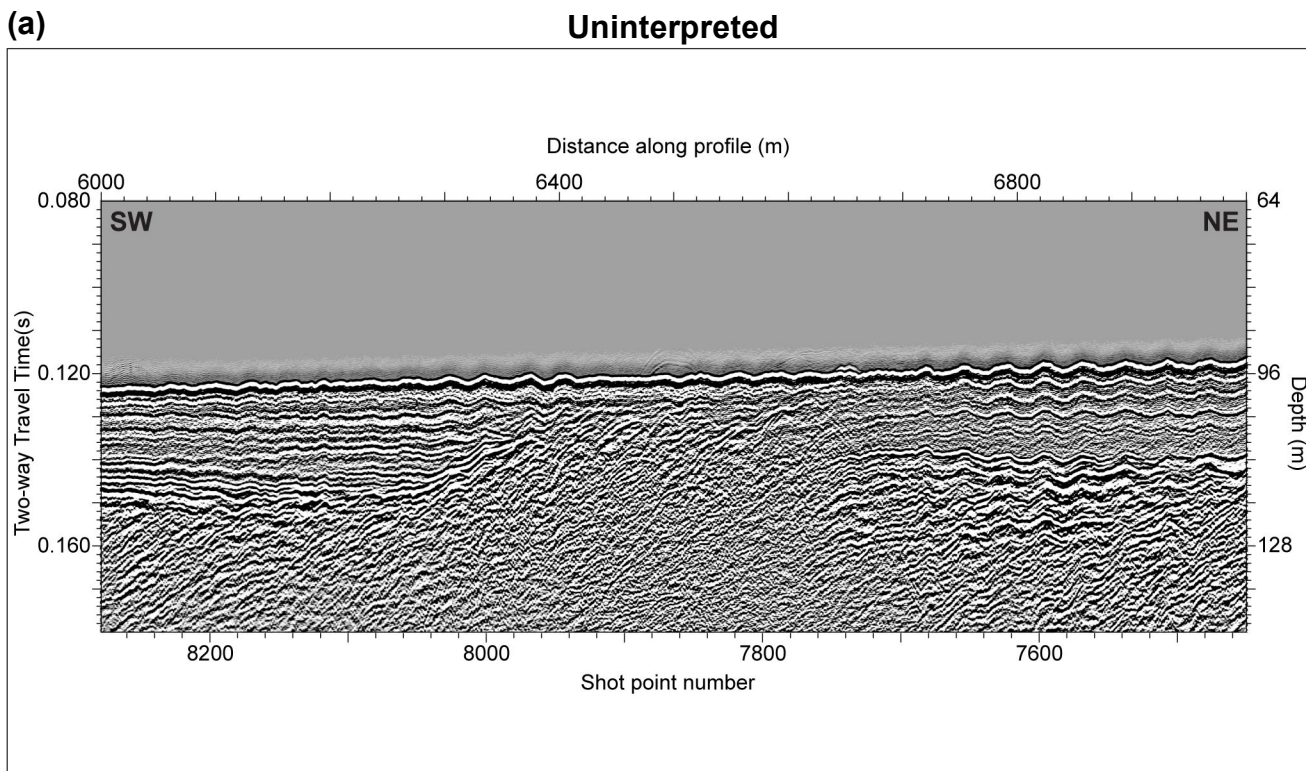
Los Osos Fault—Southeastern Section

INTERPRETATION OF SEISMIC REFLECTION DATA POINT BUCHON TO SAN SIMEON POINT



Pacific Gas and Electric Company

Figure 4.3-1



EXPLANATION

Interpreted Horizons

- Seafloor
- Base of surficial sediment

Interpreted Structures

- Los Osos fault

Note: Depth values on seismic profile are referenced to MLLW (0 time) and assume an average velocity of 1,600 m/s for the combined water column and sediment and rock sections. Vertical exaggeration = 4.7x

Source: USGS 2008 Seismic Survey, Line PBS-43.

Los Osos Fault—Central Section

INTERPRETATION OF SEISMIC REFLECTION DATA POINT BUCHON TO SAN SIMEON POINT

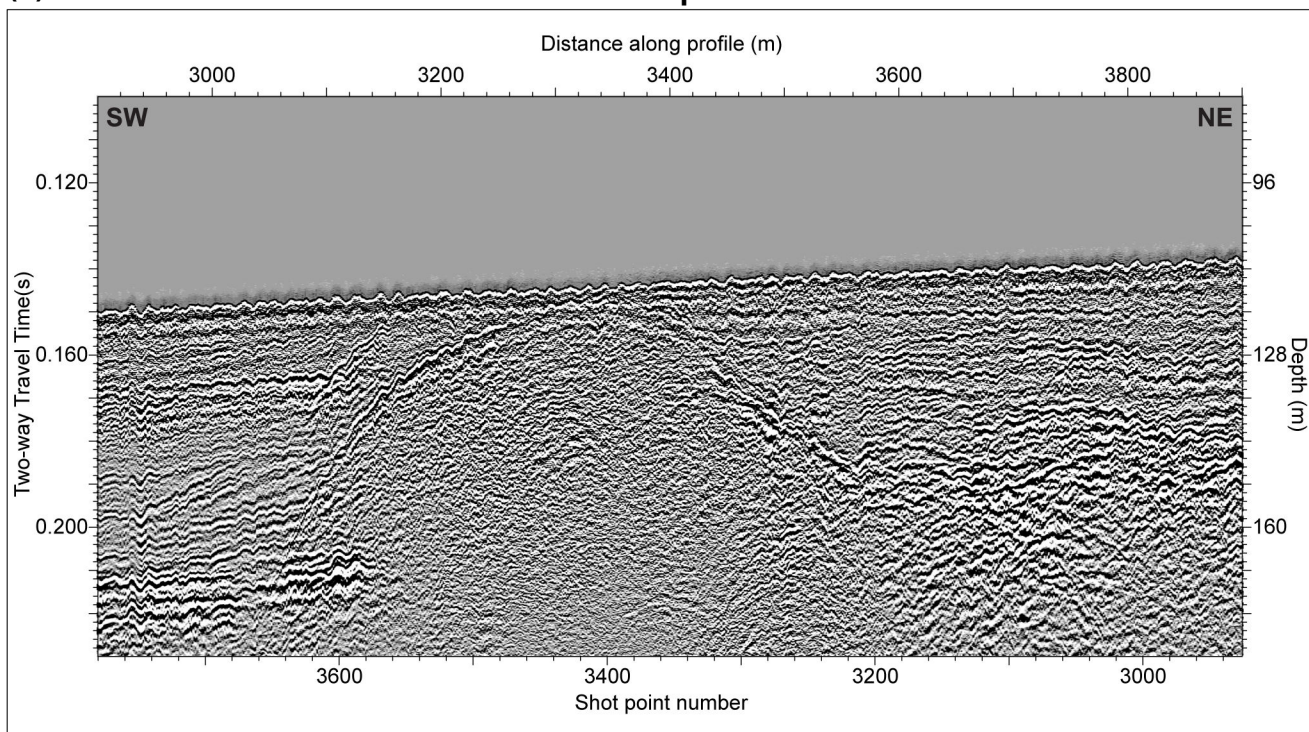


Pacific Gas and Electric Company

Figure **4.3-2**

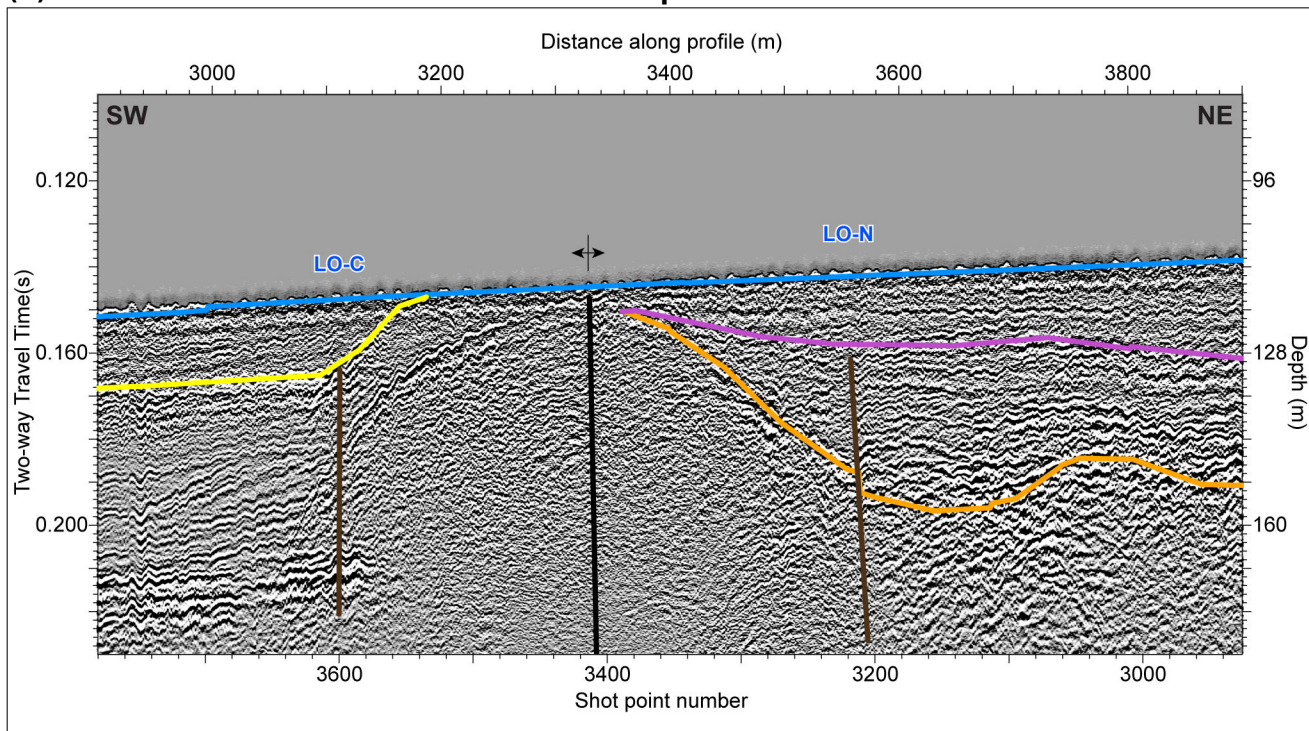
(a)

Uninterpreted



(b)

Interpreted



EXPLANATION

Interpreted Horizons

- Seafloor
- Base of surficial sediment
- HG1 unconformity
- HG2 unconformity

Interpreted Structures

- Anticline axis
- Los Osos fault

Note: Depth values on seismic profile are referenced to MLLW (0 time) and assume an average velocity of 1,600 m/s for the combined water column and sediment and rock sections. Vertical exaggeration = 4.7x

Source: USGS 2008 Seismic Survey, Line PBS-39A.

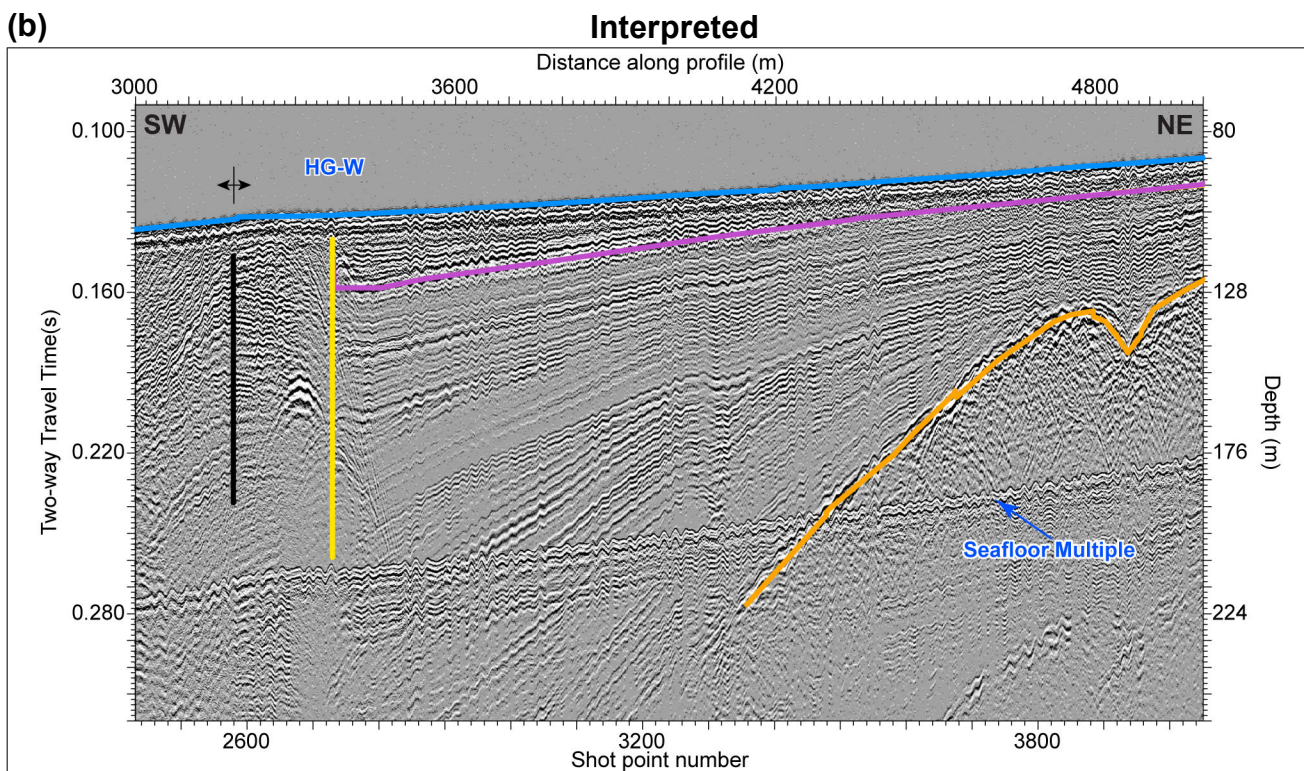
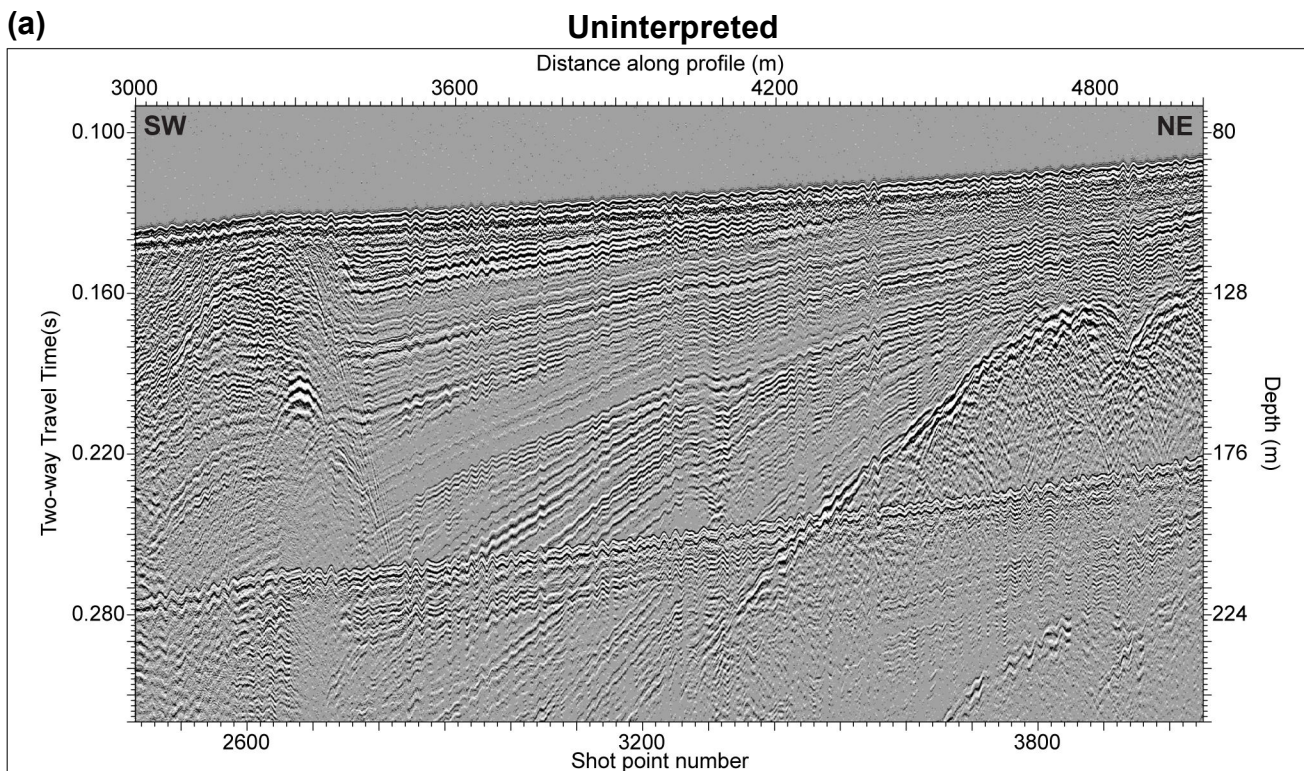
Los Osos Fault—Northern Section

INTERPRETATION OF SEISMIC REFLECTION DATA POINT BUCHON TO SAN SIMEON POINT



Pacific Gas and Electric Company

Figure 4.3-3



EXPLANATION

Interpreted Horizons

- Seafloor
- HG1 unconformity
- HG2 unconformity

Interpreted Structures

- ↔ Anticline axis
- ↔ Syncline axis
- Half Graben fault

Note: Depth values on seismic profile are referenced to MLLW (0 time) and assume an average velocity of 1,600 m/s for the combined water column and sediment and rock sections. Additional unconformities exist between HG1 and HG2. Vertical exaggeration = 6.3x
Source: USGS 2009 Seismic Survey, Line PBS-209.

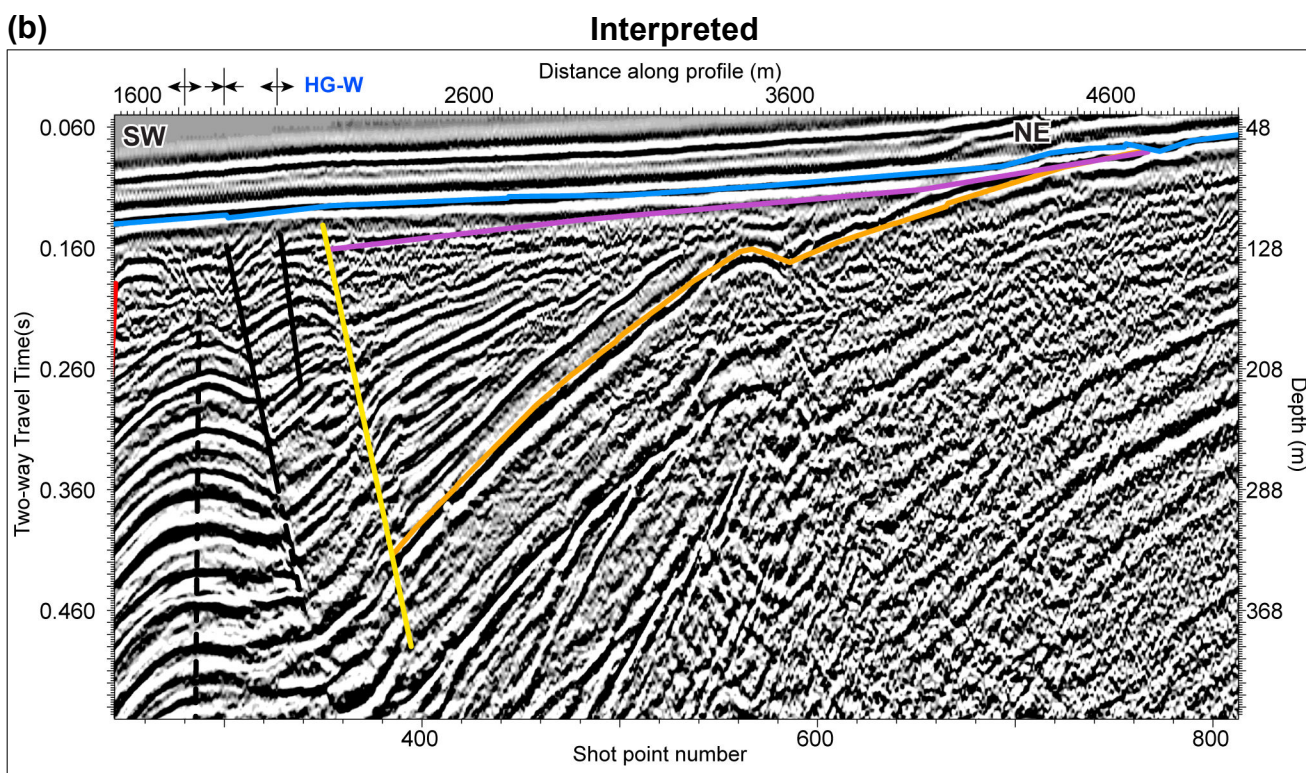
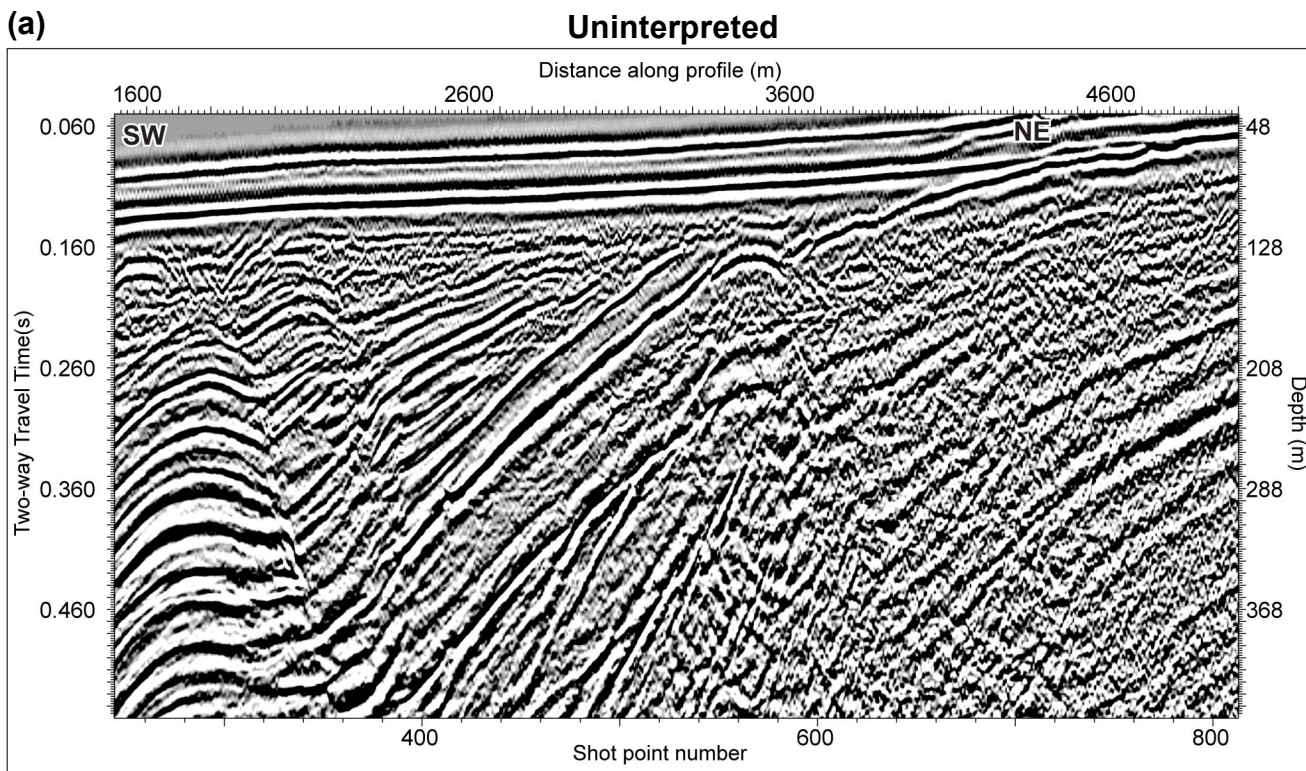
Half Graben Fault—South End LESS Record Example

INTERPRETATION OF SEISMIC REFLECTION DATA POINT BUCHON TO SAN SIMEON POINT



Pacific Gas and Electric Company

Figure **4.4-1**



EXPLANATION

Interpreted Horizons

- Seafloor
- HG1 unconformity
- HG2 unconformity

Interpreted Structures

- ↔ Anticline axis
- Syncline axis
- Hosgri fault
- Half Graben fault

Note: Depth values on seismic profile are referenced to MLLW (0 time) and assume an average velocity of 1,600 m/s for the combined water column and sediment and rock sections. Vertical exaggeration = 4.7x

Source: COMAP Seismic Survey, Line CM-47.

Half Graben Fault—South End CDP Record Examples

INTERPRETATION OF SEISMIC REFLECTION DATA POINT BUCHON TO SAN SIMEON POINT

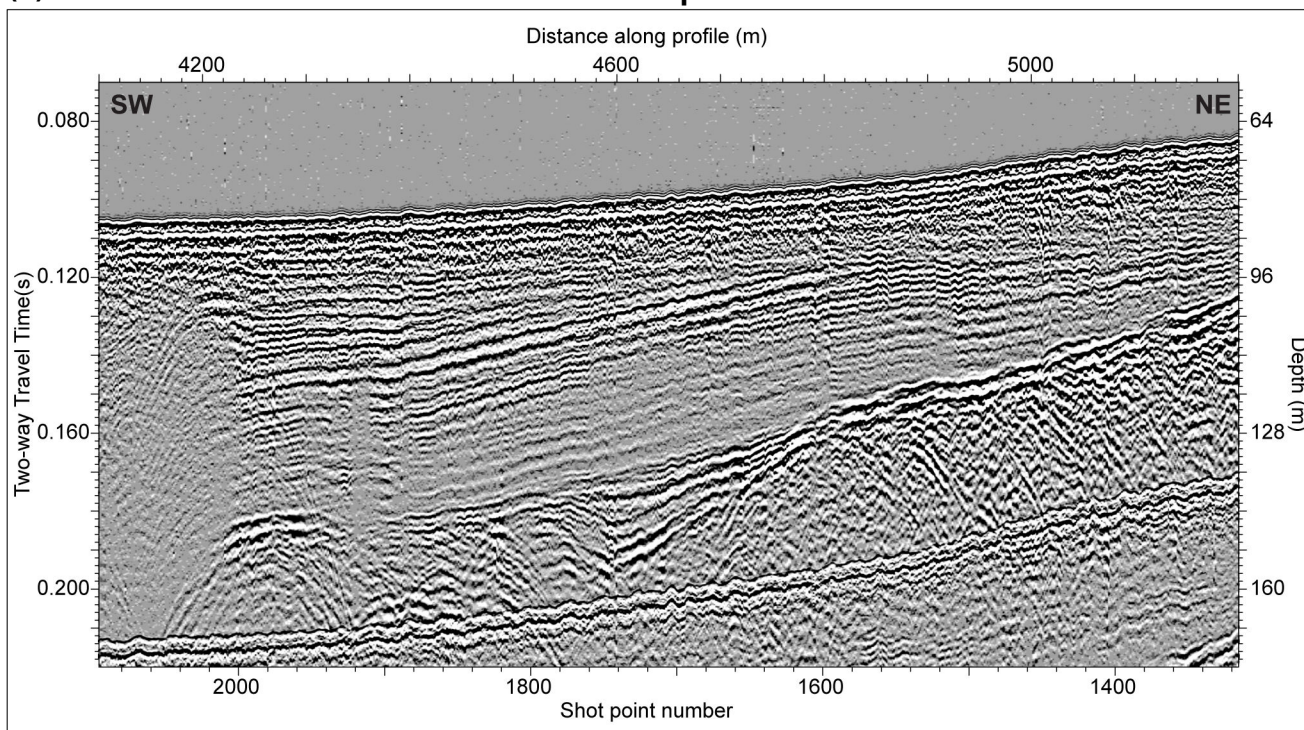


Pacific Gas and Electric Company

Figure **4.4-2**

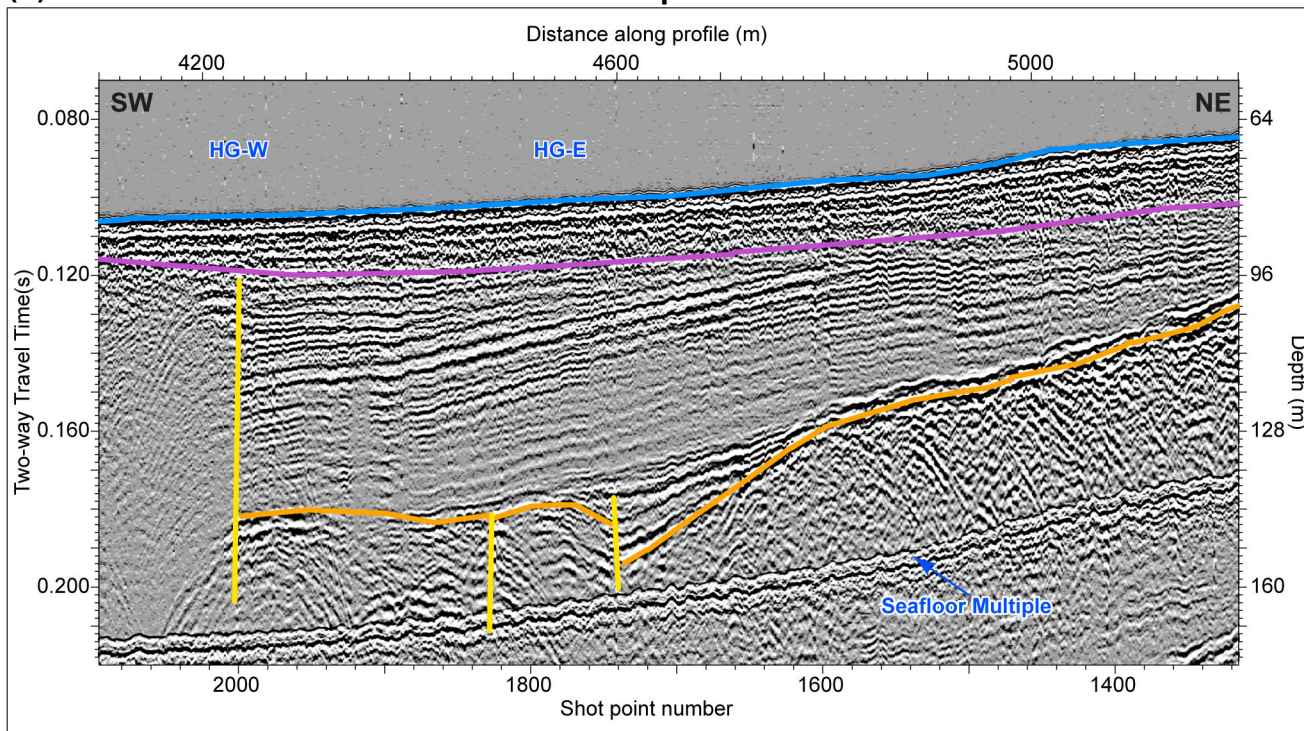
(a)

Uninterpreted



(b)

Interpreted



EXPLANATION

Interpreted Horizons

- Blue line: Seafloor
- Purple line: HG1 unconformity
- Orange line: HG2 unconformity

Interpreted Structures

- Yellow line: Half Graben fault

Note: Depth values on seismic profile are referenced to MLLW (0 time) and assume an average velocity of 1,600 m/s for the combined water column and sediment and rock sections. Vertical exaggeration = 4.7x

Source: USGS 2009 Seismic Survey, Line PBS-230.

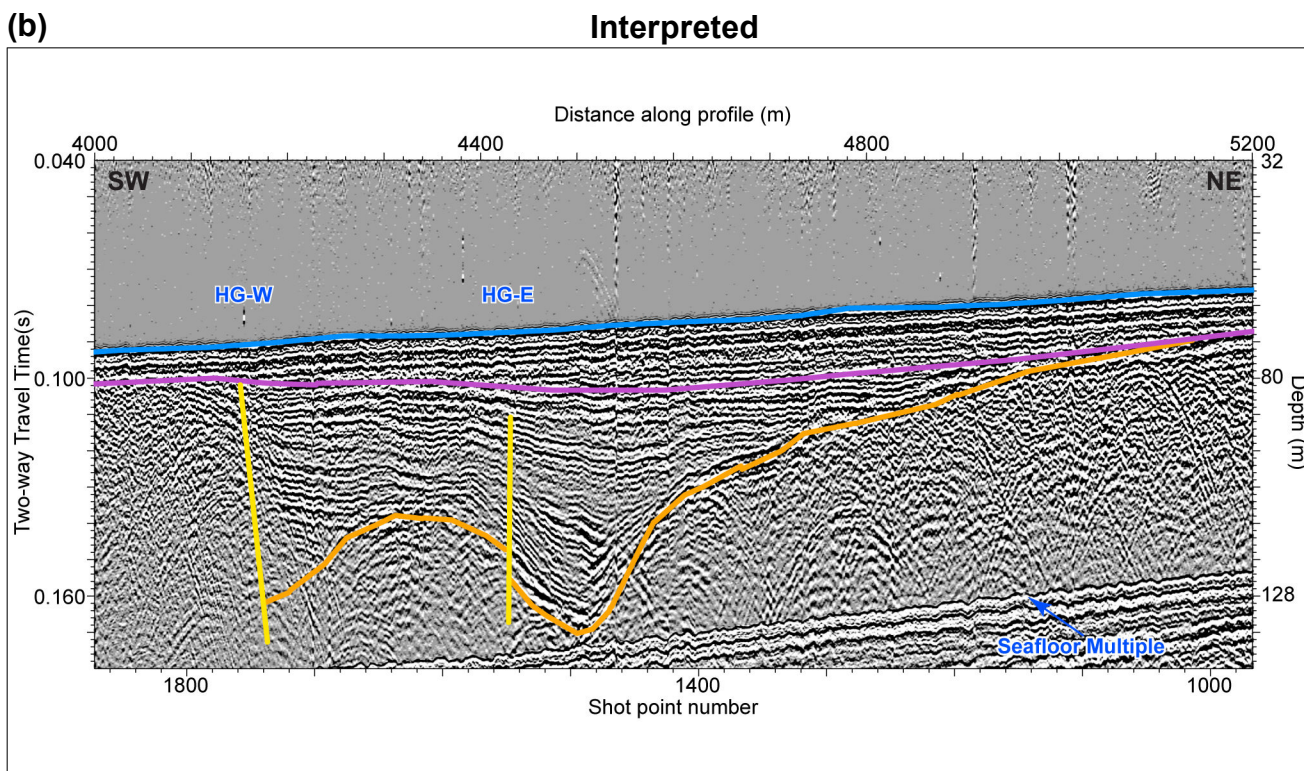
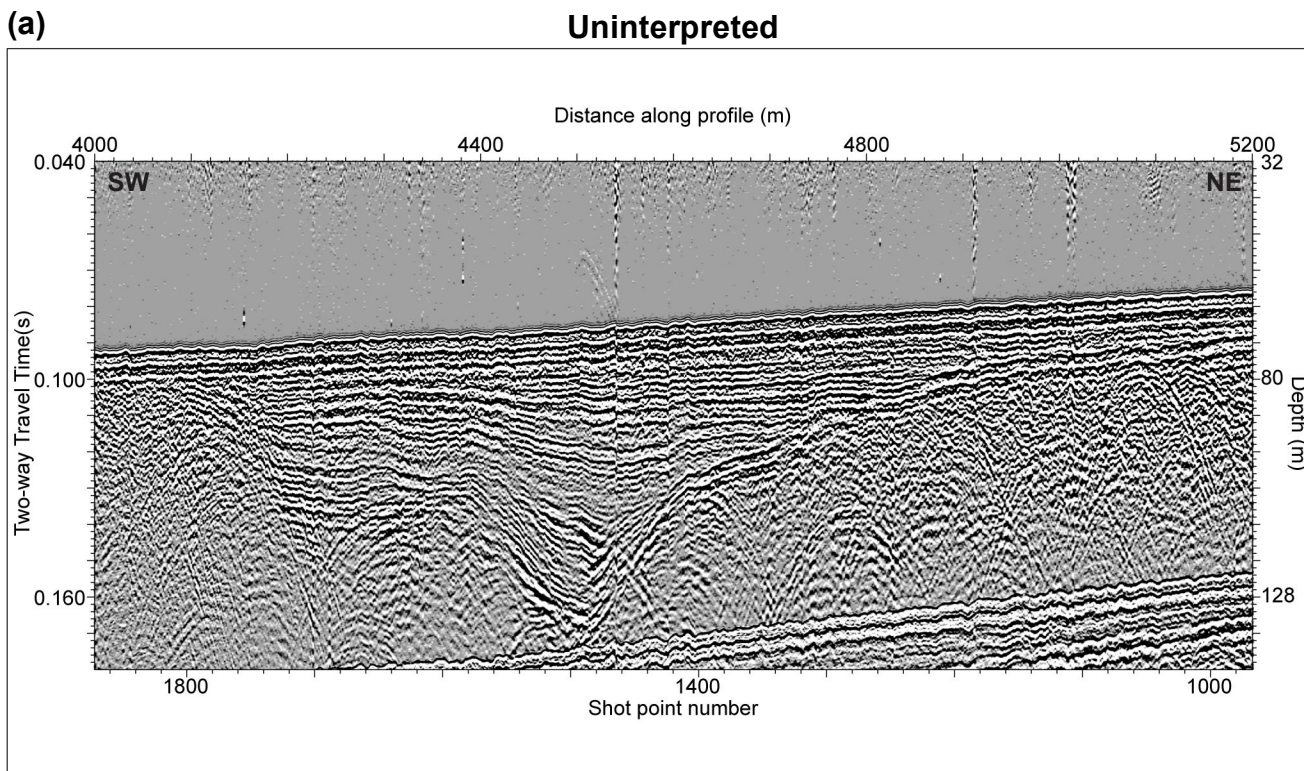
Half Graben Fault—Central Area

INTERPRETATION OF SEISMIC REFLECTION DATA POINT BUCHON TO SAN SIMEON POINT



Pacific Gas and Electric Company

Figure 4.4-3



EXPLANATION

Interpreted Horizons

- Seafloor
- HG1 unconformity
- HG2 unconformity

Interpreted Structures

- Half Graben fault

Note: Depth values on seismic profile are referenced to MLLW (0 time) and assume an average velocity of 1,600 m/s for the combined water column and sediment and rock sections. Vertical exaggeration = 4.7x

Source: USGS 2009 Seismic Survey, Line PBS-233.

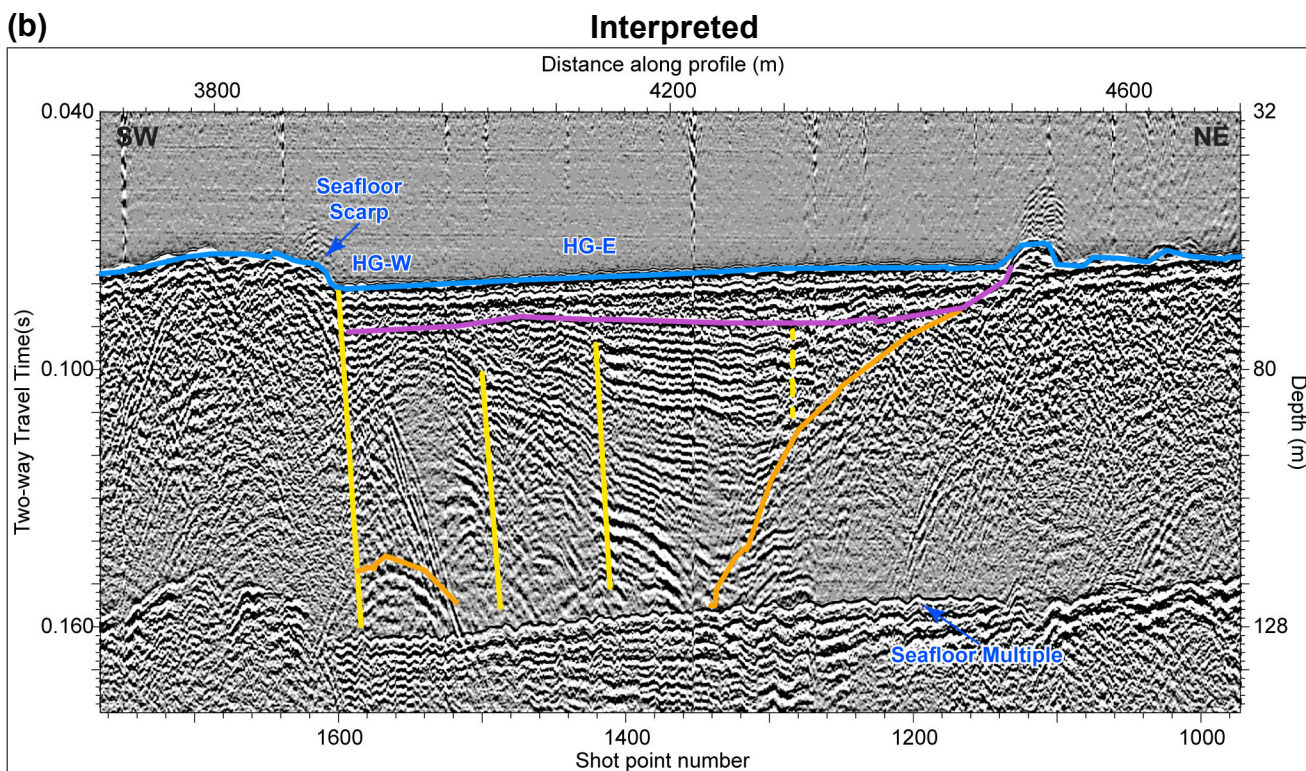
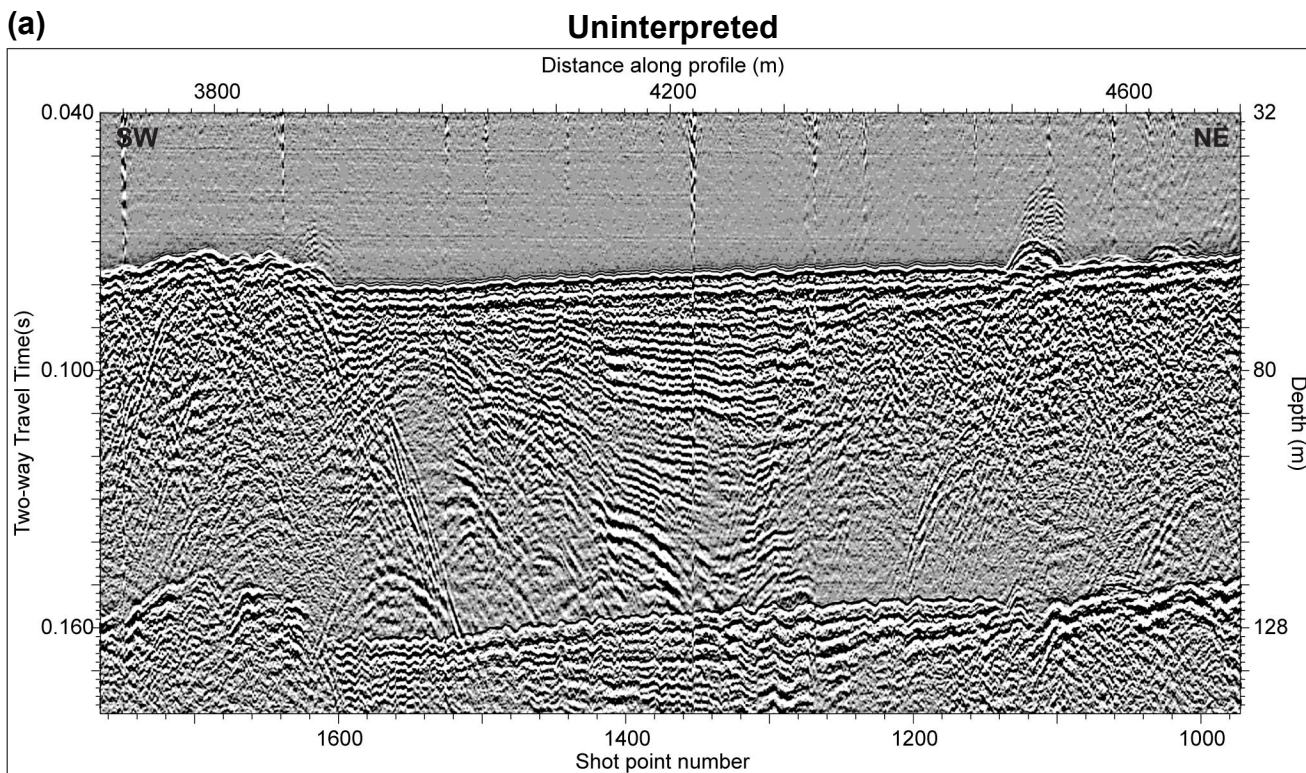
Half Graben Fault—South End of Scarp

INTERPRETATION OF SEISMIC REFLECTION DATA POINT BUCHON TO SAN SIMEON POINT



Pacific Gas and Electric Company

Figure 4.4-4



EXPLANATION

Interpreted Horizons

- Seafloor
- HG1 unconformity
- HG2 unconformity

Interpreted Structures

- Half Graben fault

Note: Depth values on seismic profile are referenced to MLLW (0 time) and assume an average velocity of 1,600 m/s for the combined water column and sediment and rock sections. Vertical exaggeration = 4.7x

Source: USGS 2009 Seismic Survey, Line PBS-236.

Half Graben Fault—Center of Scarp

INTERPRETATION OF SEISMIC REFLECTION DATA POINT BUCHON TO SAN SIMEON POINT

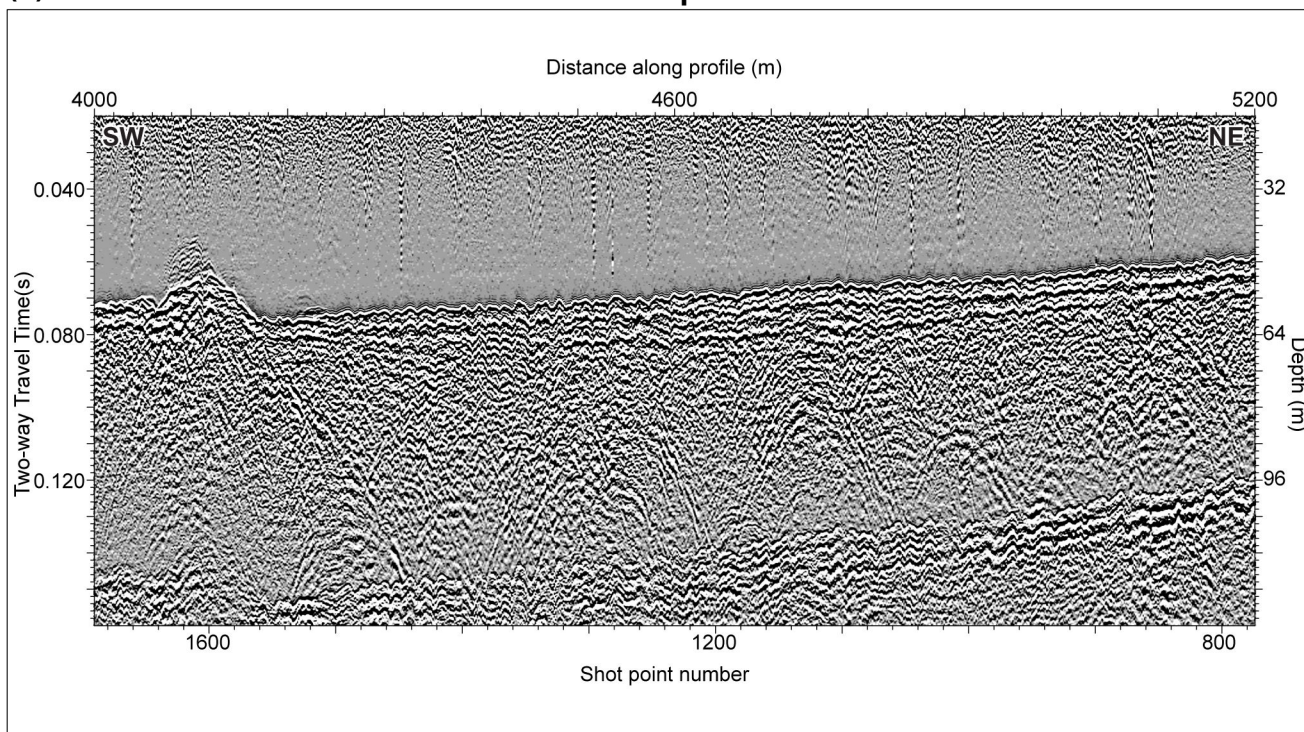


Pacific Gas and Electric Company

Figure 4.4-5

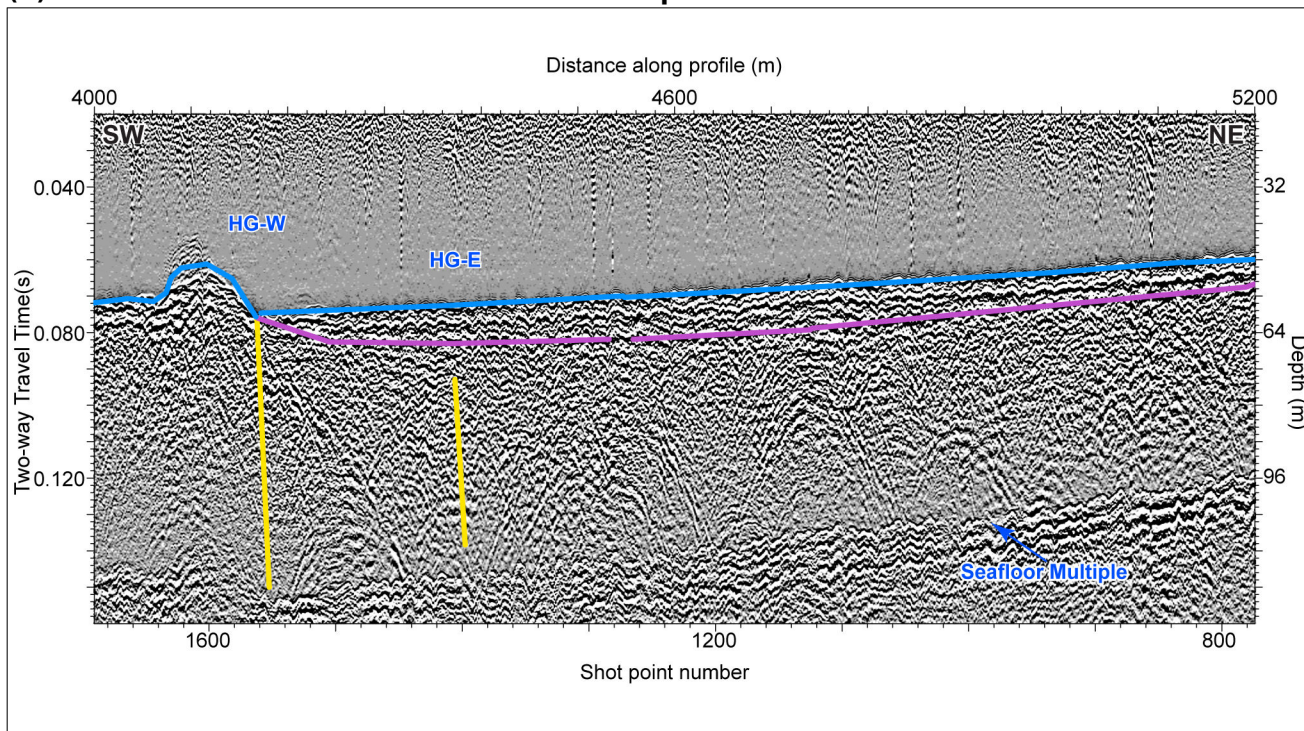
(a)

Uninterpreted



(b)

Interpreted



EXPLANATION

Interpreted Horizons

- Seafloor
- HG1 unconformity

Interpreted Structures

- Half Graben fault

Note: Depth values on seismic profile are referenced to MLLW (0 time) and assume an average velocity of 1,600 m/s for the combined water column and sediment and rock sections. Vertical exaggeration = 4.7x

Source: USGS 2009 Seismic Survey, Line PBS-261.

Half Graben Fault—North End of Scarp

INTERPRETATION OF SEISMIC REFLECTION DATA POINT BUCHON TO SAN SIMEON POINT

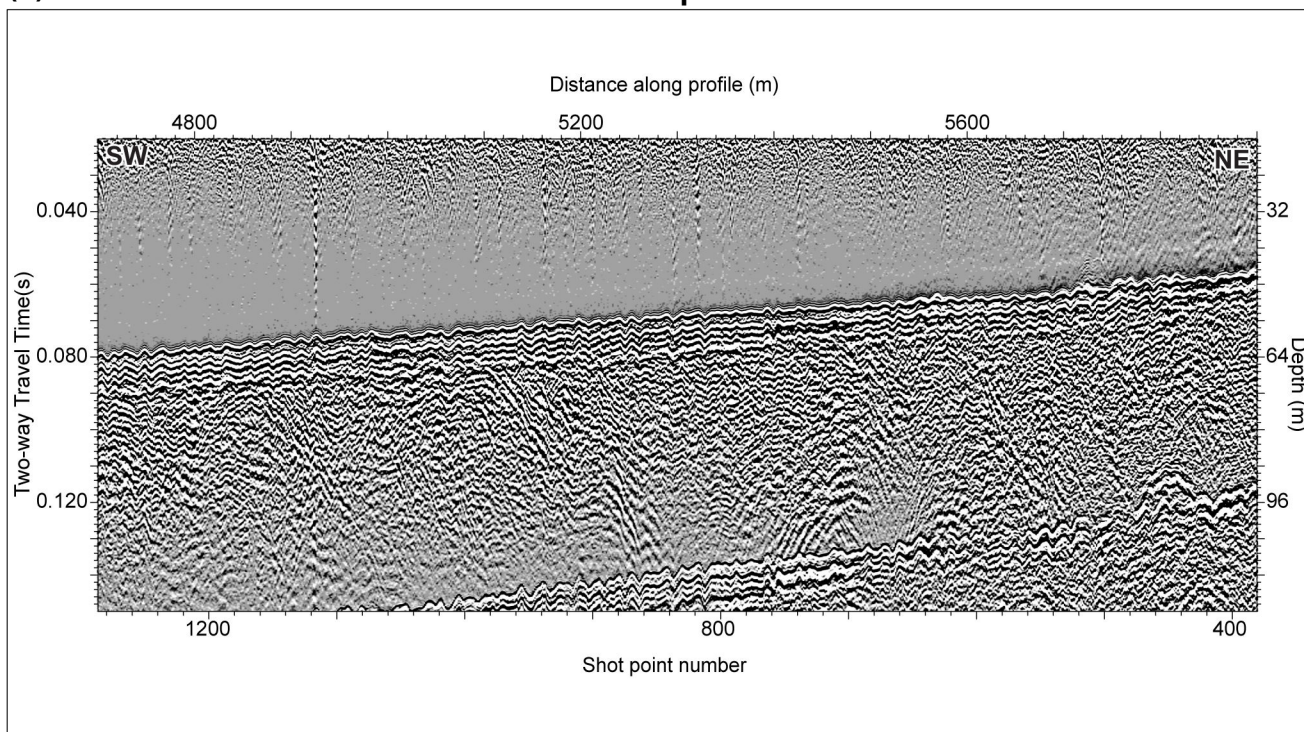


Pacific Gas and Electric Company

Figure 4.4-6

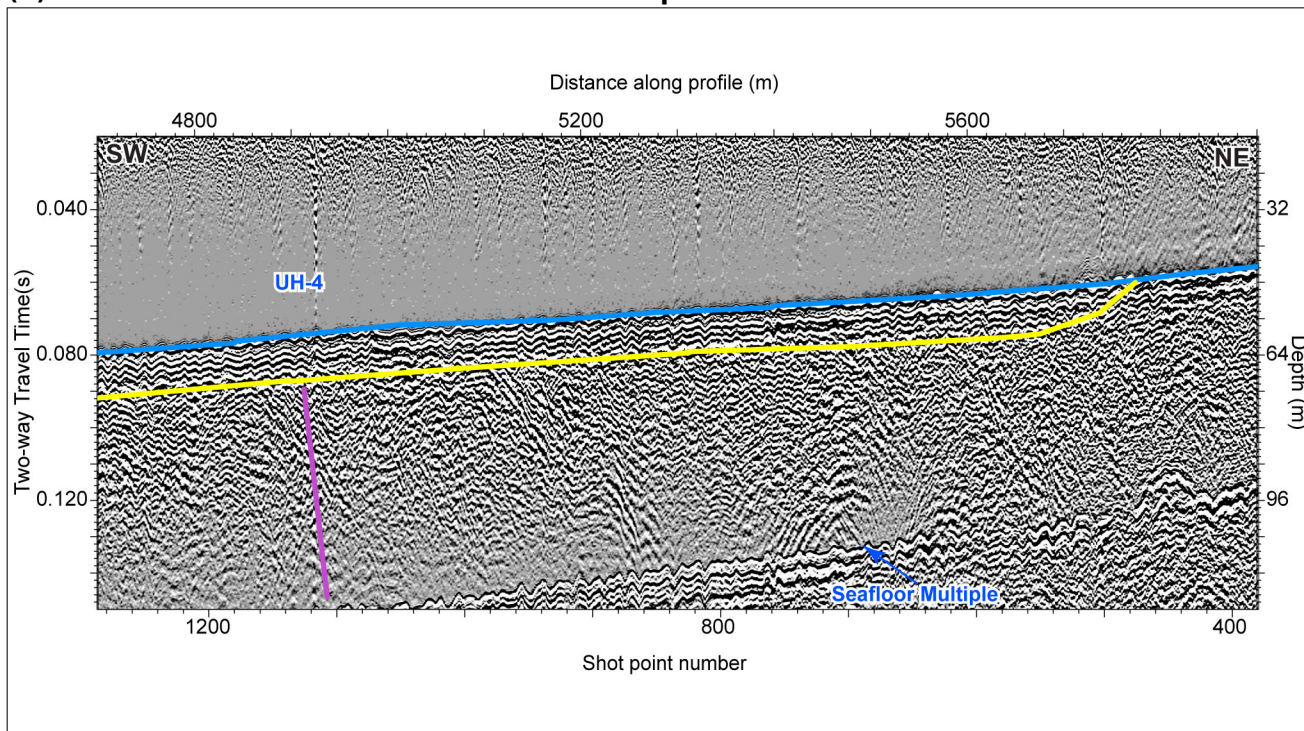
(a)

Uninterpreted



(b)

Interpreted



EXPLANATION

Interpreted Horizons

- Blue line: Seafloor
- Yellow line: Base of surficial sediment

Interpreted Structures

- Pink line: Unassigned fault

Note: Depth values on seismic profile are referenced to MLLW (0 time) and assume an average velocity of 1,600 m/s for the combined water column and sediment and rock sections. Vertical exaggeration = 4.7x

Source: USGS 2009 Seismic Survey, Line PBS-256.

San Simeon–Cambria Gap Area— 2.5 km North of Half Graben Fault

INTERPRETATION OF SEISMIC REFLECTION DATA POINT BUCHON TO SAN SIMEON POINT

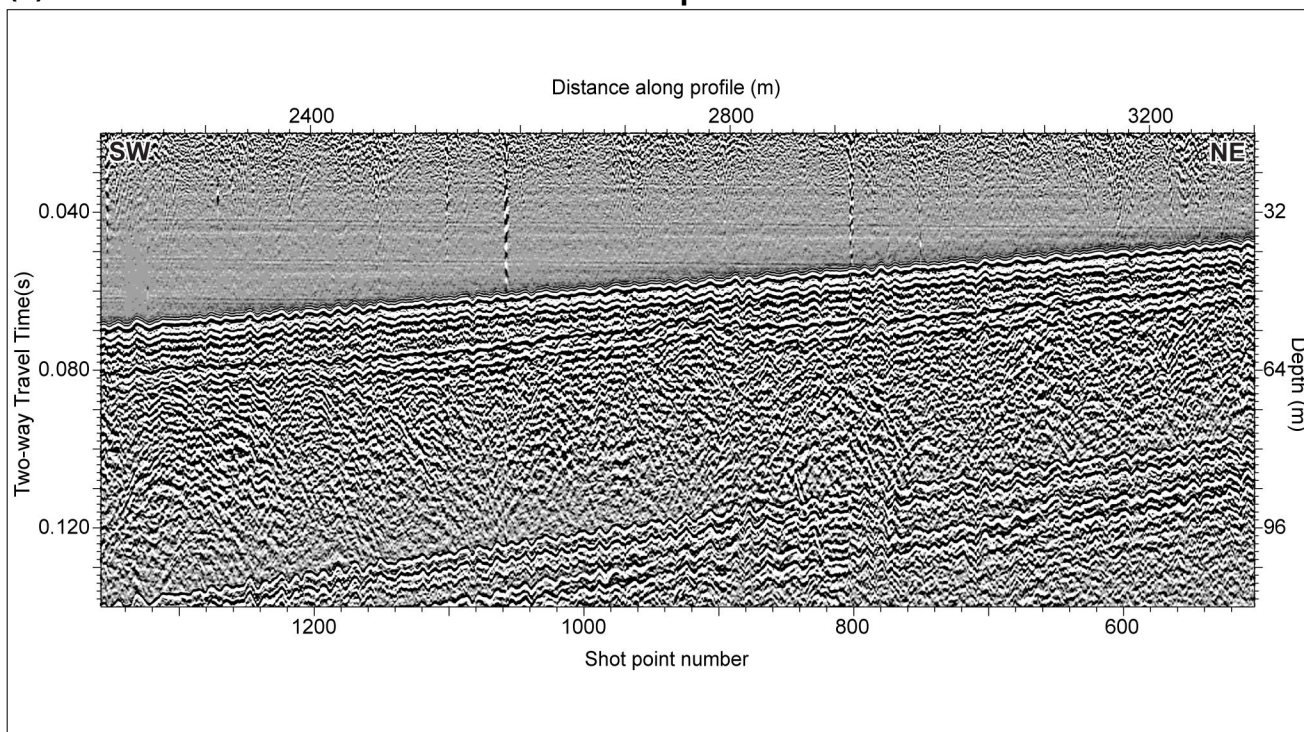


Pacific Gas and Electric Company

Figure 4.5-1

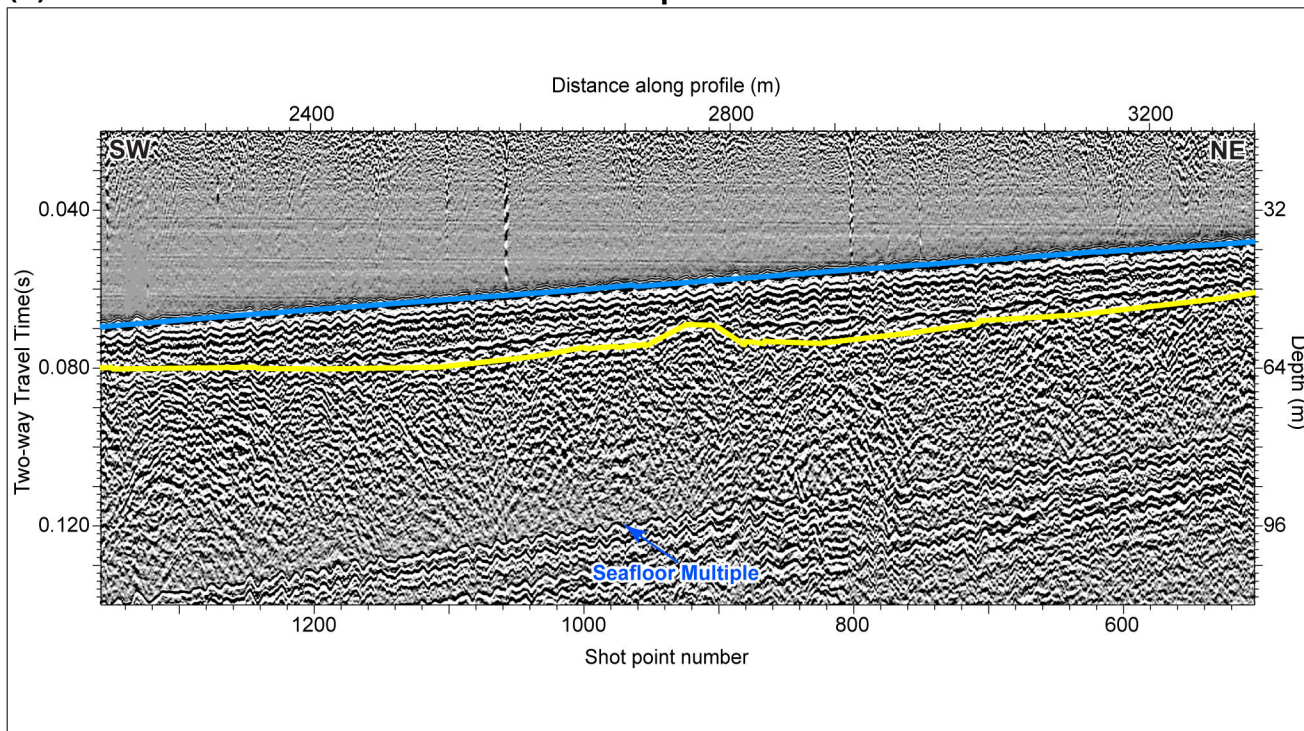
(a)

Uninterpreted



(b)

Interpreted



EXPLANATION

Interpreted Horizons

- Seafloor
- Base of surficial sediment

Note: Depth values on seismic profile are referenced to MLLW (0 time) and assume an average velocity of 1,600 m/s for the combined water column and sediment and rock sections. Vertical exaggeration = 4.7x

Source: USGS 2009 Seismic Survey, Line PBS-253.

San Simeon–Cambria Gap Area— 4 km North of Half Graben Fault

INTERPRETATION OF SEISMIC REFLECTION DATA POINT BUCHON TO SAN SIMEON POINT

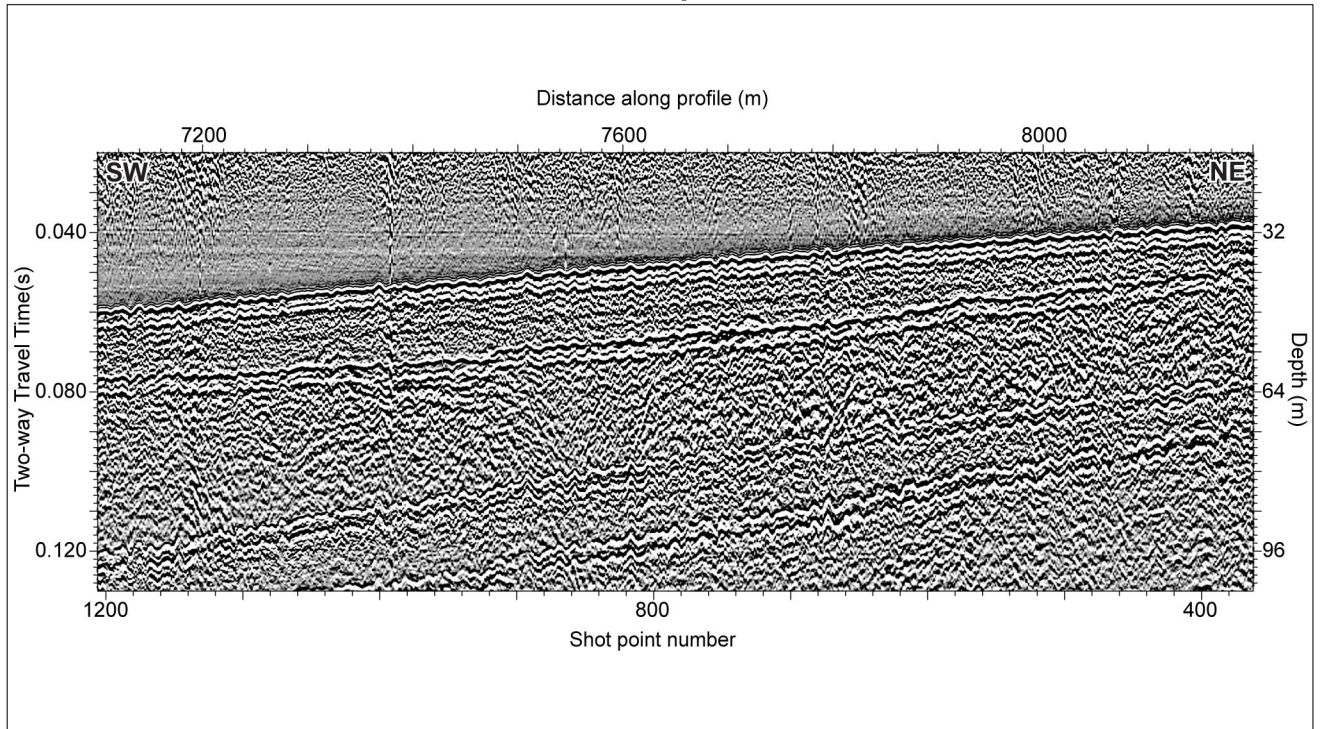


Pacific Gas and Electric Company

Figure 4.5-2

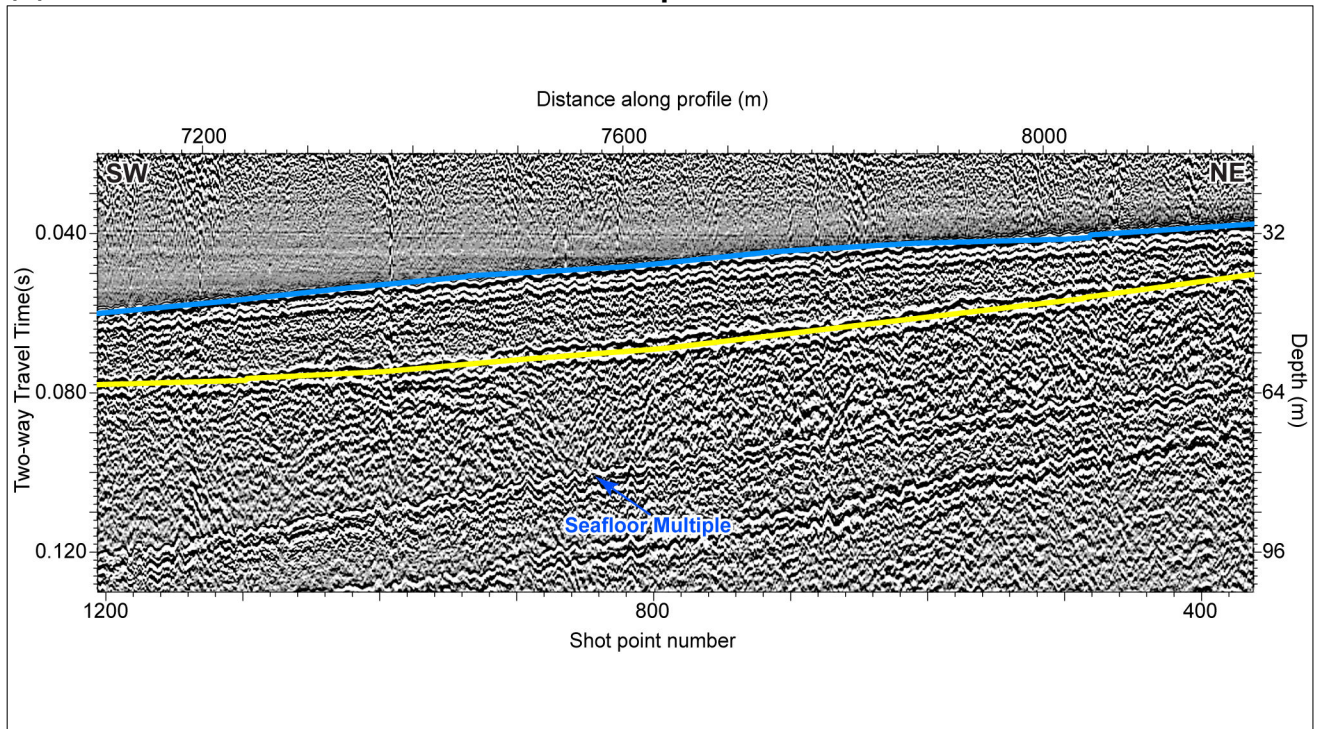
(a)

Uninterpreted



(b)

Interpreted



EXPLANATION

Interpreted Horizons

- Seafloor
- Base of surficial sediment

Note: Depth values on seismic profile are referenced to MLLW (0 time) and assume an average velocity of 1,600 m/s for the combined water column and sediment and rock sections. Vertical exaggeration = 4.7x

Source: USGS 2009 Seismic Survey, Line PBS-251.

San Simeon–Cambria Gap Area— 5.5 km North of Half Graben Fault

INTERPRETATION OF SEISMIC REFLECTION DATA POINT BUCHON TO SAN SIMEON POINT

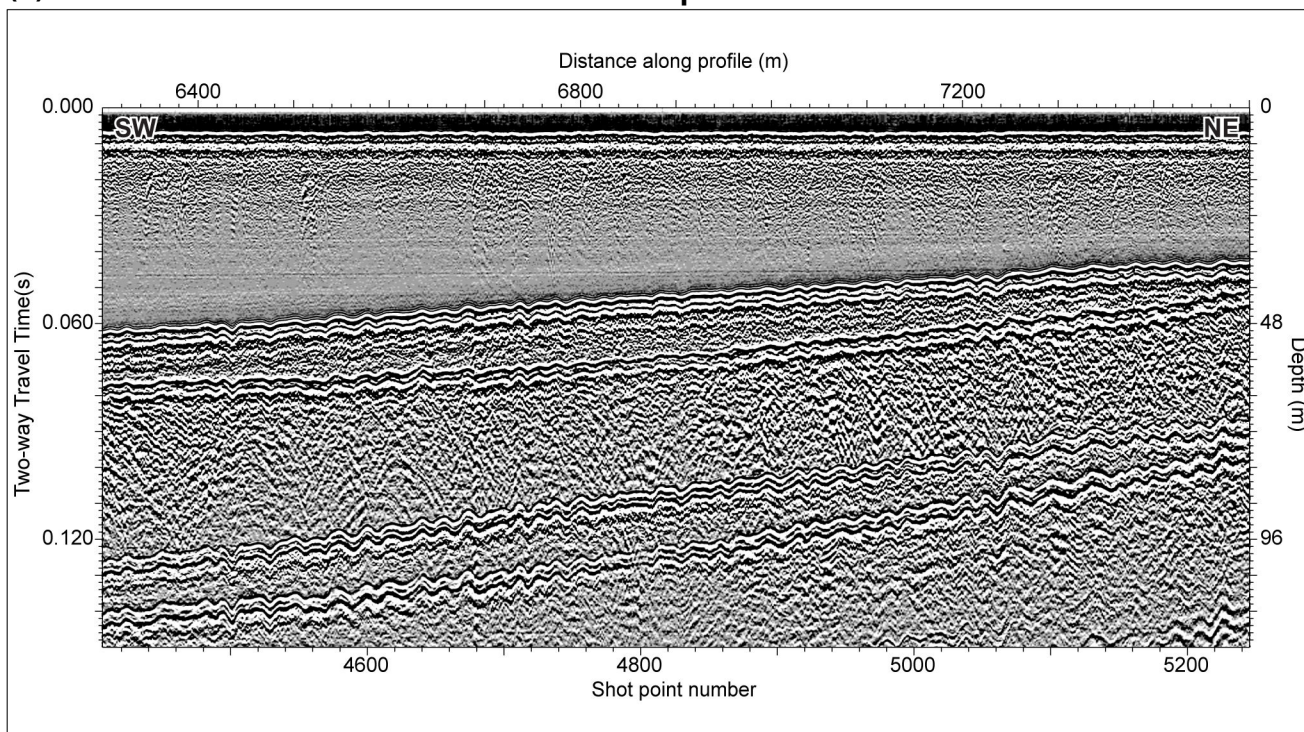


Pacific Gas and Electric Company

Figure 4.5-3

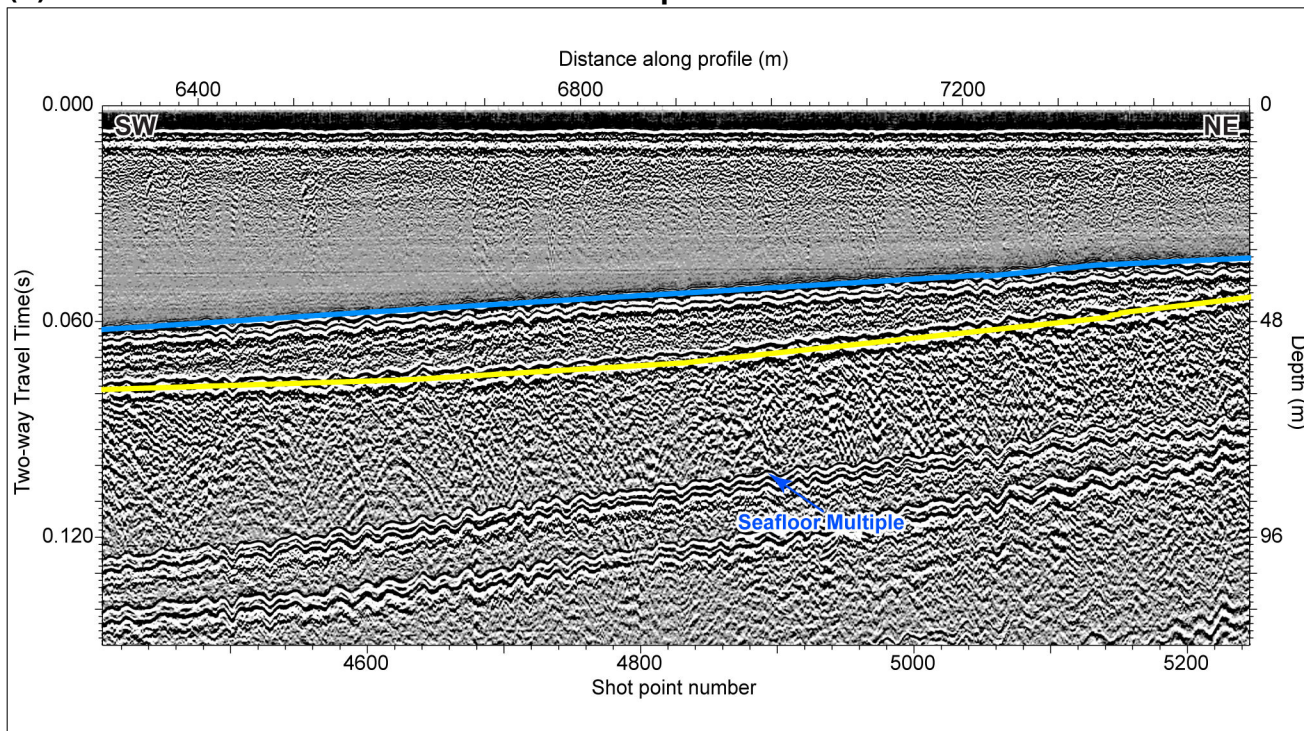
(a)

Uninterpreted



(b)

Interpreted



EXPLANATION

Interpreted Horizons

- Seafloor
- Base of surficial sediment

Note: Depth values on seismic profile are referenced to MLLW (0 time) and assume an average velocity of 1,600 m/s for the combined water column and sediment and rock sections. Vertical exaggeration = 4.7x

Source: USGS 2009 Seismic Survey, Line PBS-250.

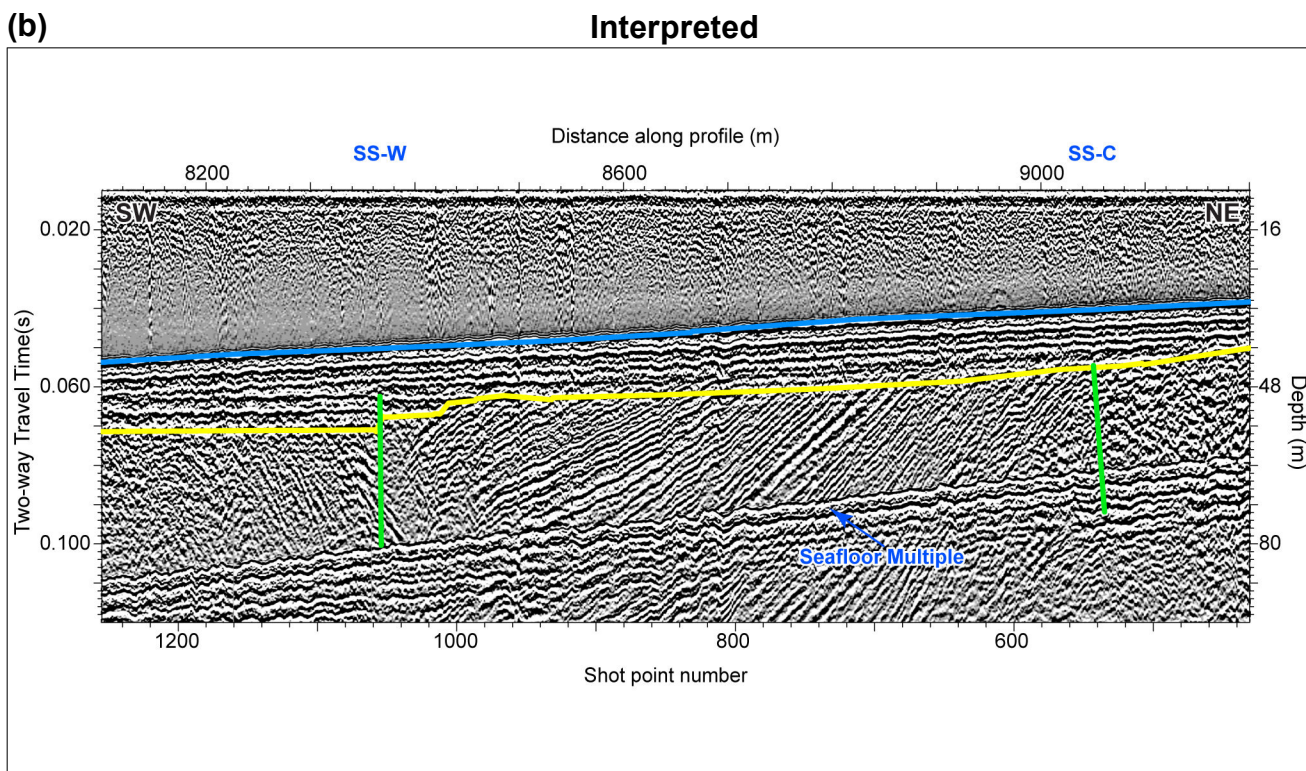
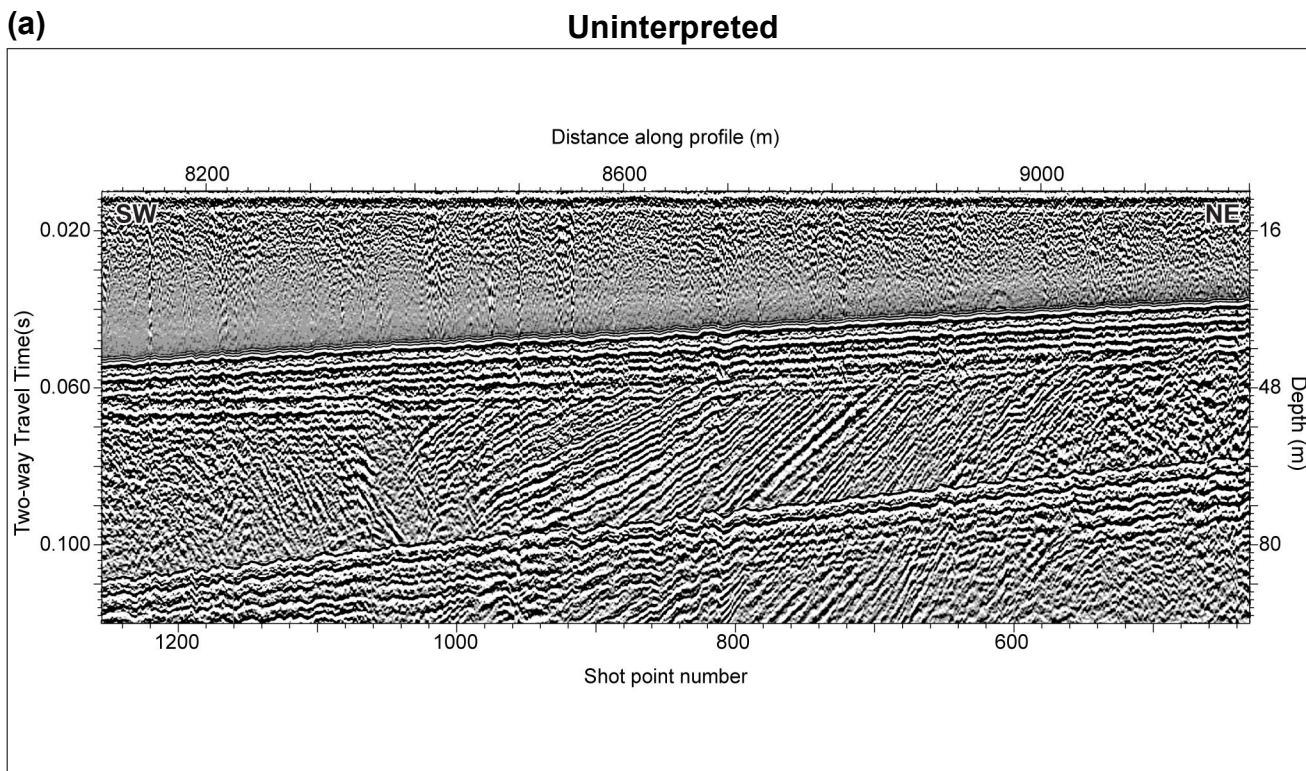
San Simeon–Cambria Gap Area— 6.5 km North of Half Graben Fault

INTERPRETATION OF SEISMIC REFLECTION DATA POINT BUCHON TO SAN SIMEON POINT



Pacific Gas and Electric Company

Figure 4.5-4



EXPLANATION

Interpreted Horizons

- Seafloor
- Base of surficial sediment

Interpreted Structures

- San Simeon fault

Note: Depth values on seismic profile are referenced to MLLW (0 time) and assume an average velocity of 1,600 m/s for the combined water column and sediment and rock sections. Vertical exaggeration = 4.7x

Source: USGS 2009 Seismic Survey, Line PBS-245.

San Simeon Fault—South End

INTERPRETATION OF SEISMIC REFLECTION DATA POINT BUCHON TO SAN SIMEON POINT

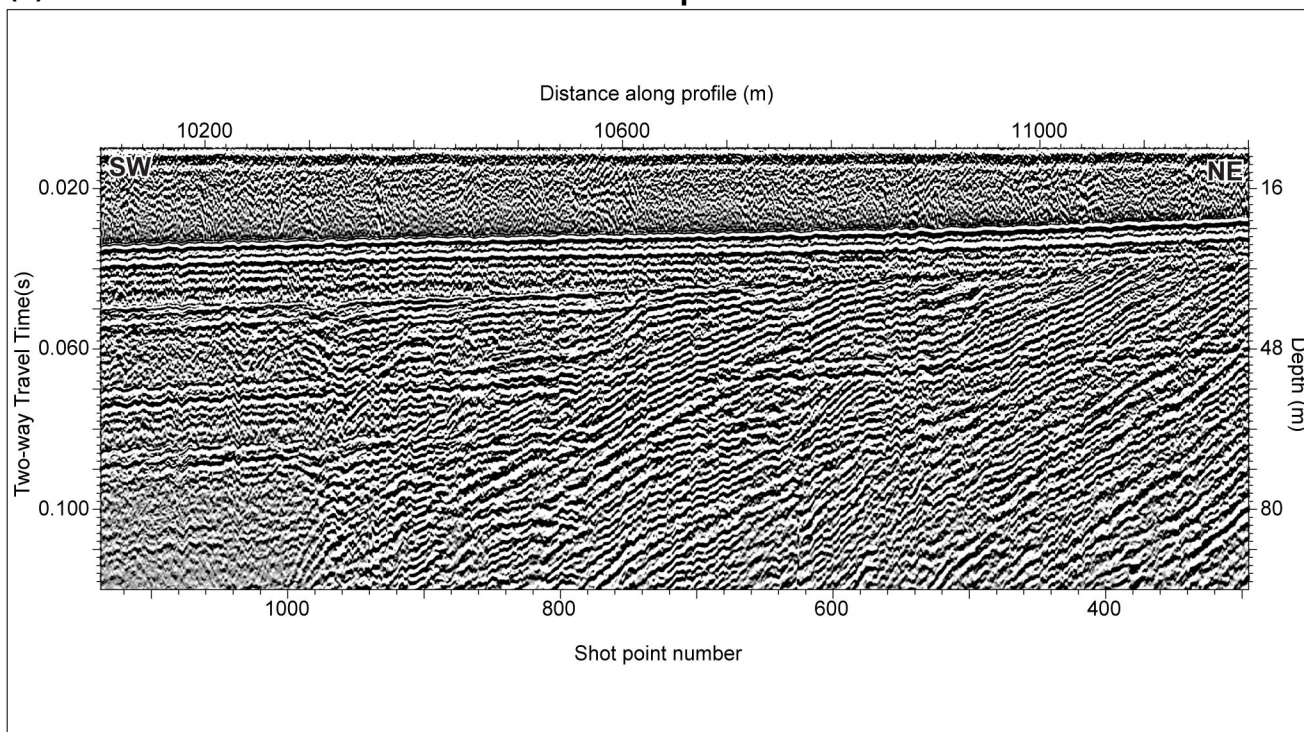


Pacific Gas and Electric Company

Figure **4.5-5**

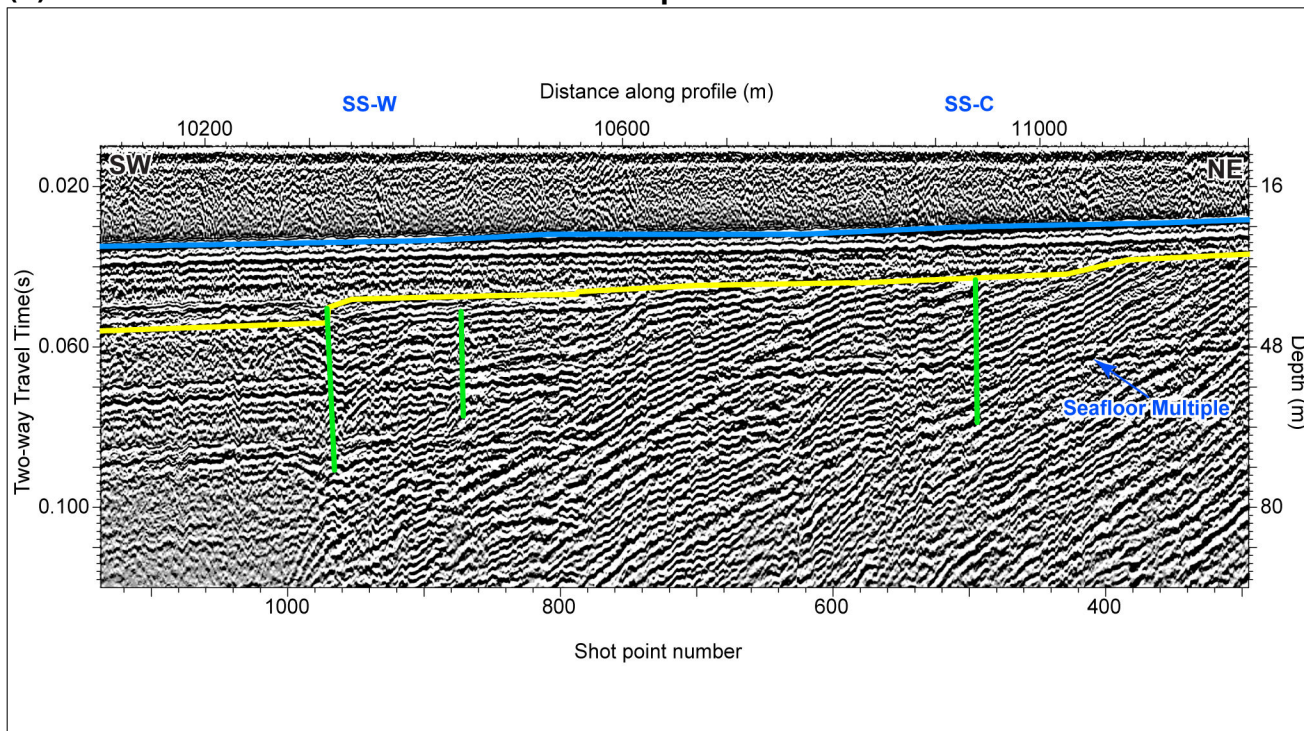
(a)

Uninterpreted



(b)

Interpreted



EXPLANATION

Interpreted Horizons

- Seafloor
- Base of surficial sediment

Interpreted Structures

- San Simeon fault

Note: Depth values on seismic profile are referenced to MLLW (0 time) and assume an average velocity of 1,600 m/s for the combined water column and sediment and rock sections. Vertical exaggeration = 4.7x

Source: USGS 2009 Seismic Survey, Line PBS-239.

San Simeon Fault—North End

INTERPRETATION OF SEISMIC REFLECTION DATA POINT BUCHON TO SAN SIMEON POINT

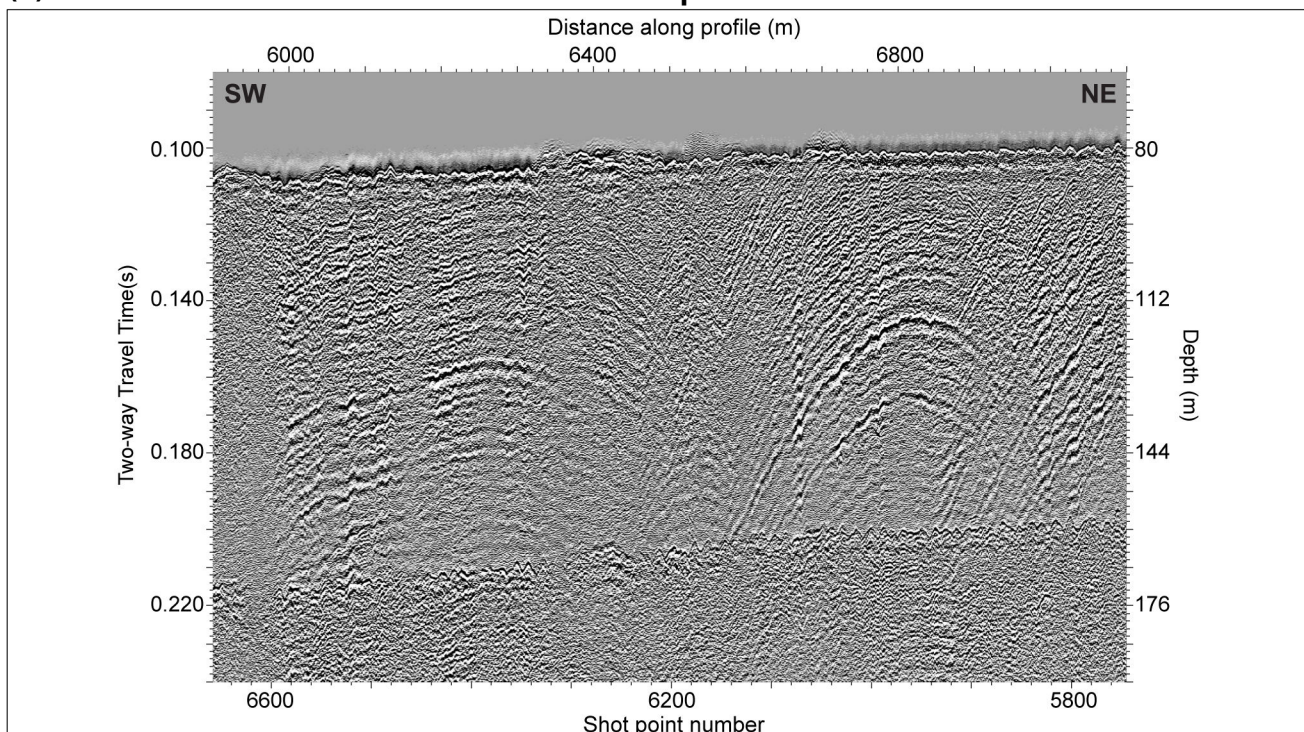


Pacific Gas and Electric Company

Figure 4.5-6

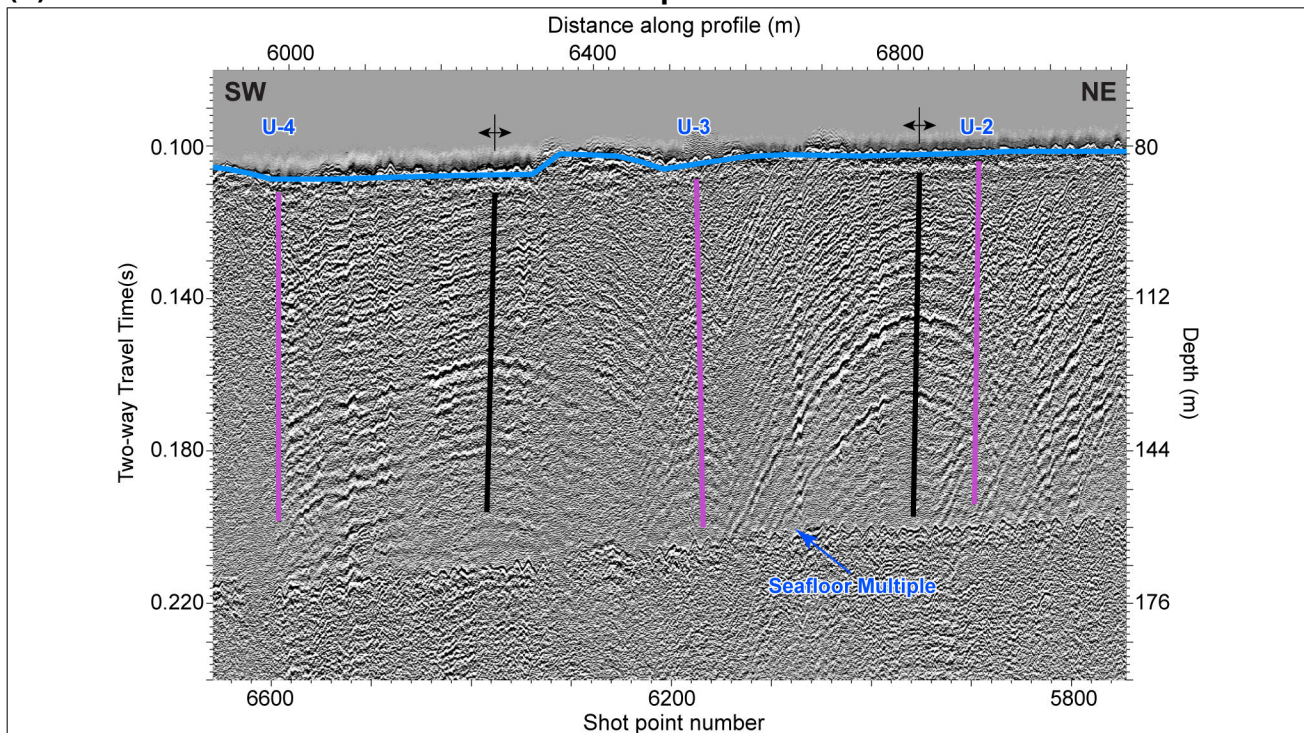
(a)

Uninterpreted



(b)

Interpreted



EXPLANATION

Interpreted Horizons

— Sea floor

Interpreted Structures

↔ Anticline axis

— Unassigned fault

Note: Depth values on seismic profile are referenced to MLLW (0 time) and assume an average velocity of 1,600 m/s for the combined water column and sediment and rock sections. Vertical exaggeration = 6.3x

Source: USGS 2008 Seismic Survey, Line PBS-36.

Unassigned Faults Offshore of Irish Hills

INTERPRETATION OF SEISMIC REFLECTION DATA POINT BUCHON TO SAN SIMEON POINT



Pacific Gas and Electric Company

Figure 4.6-1