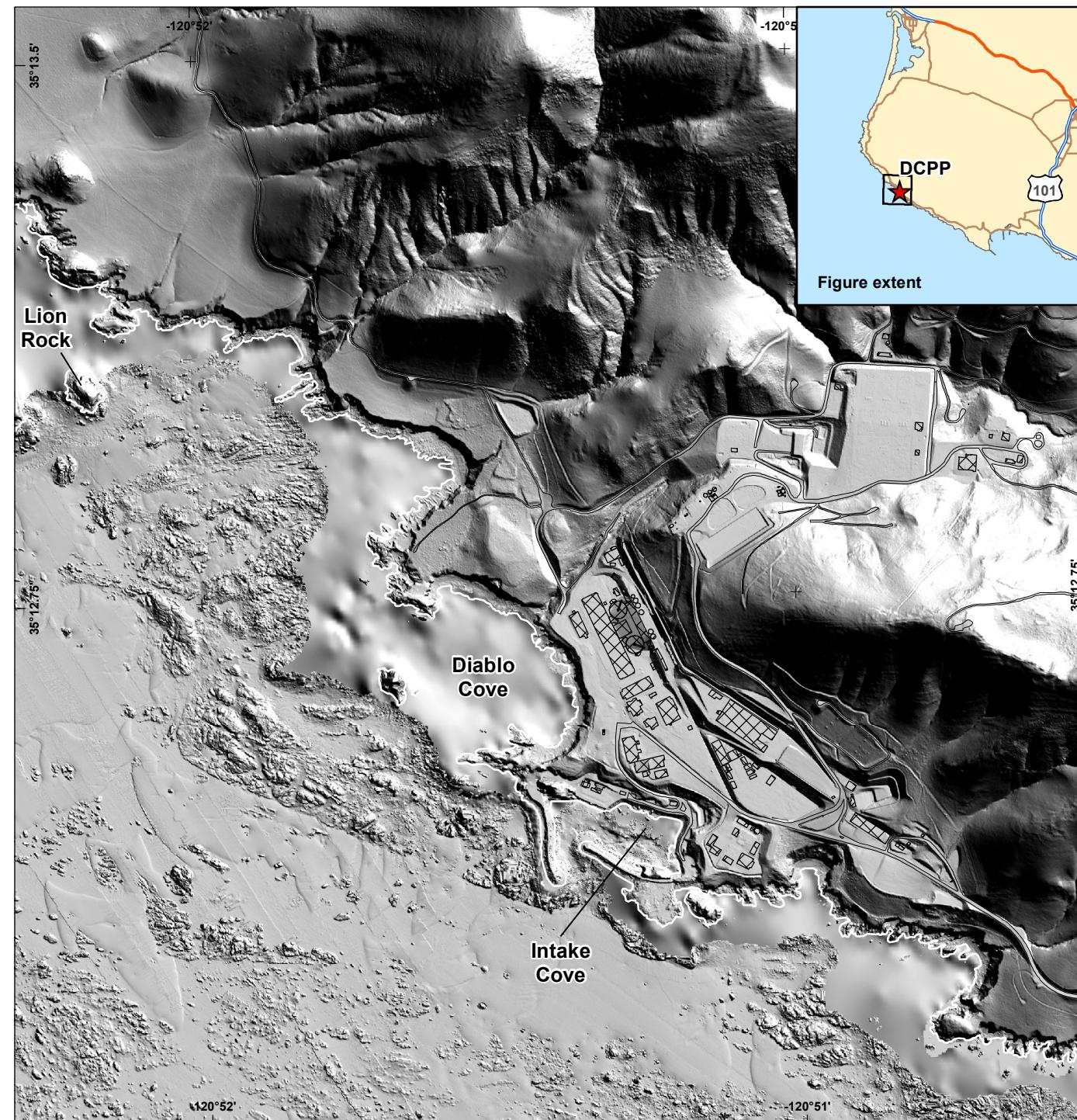
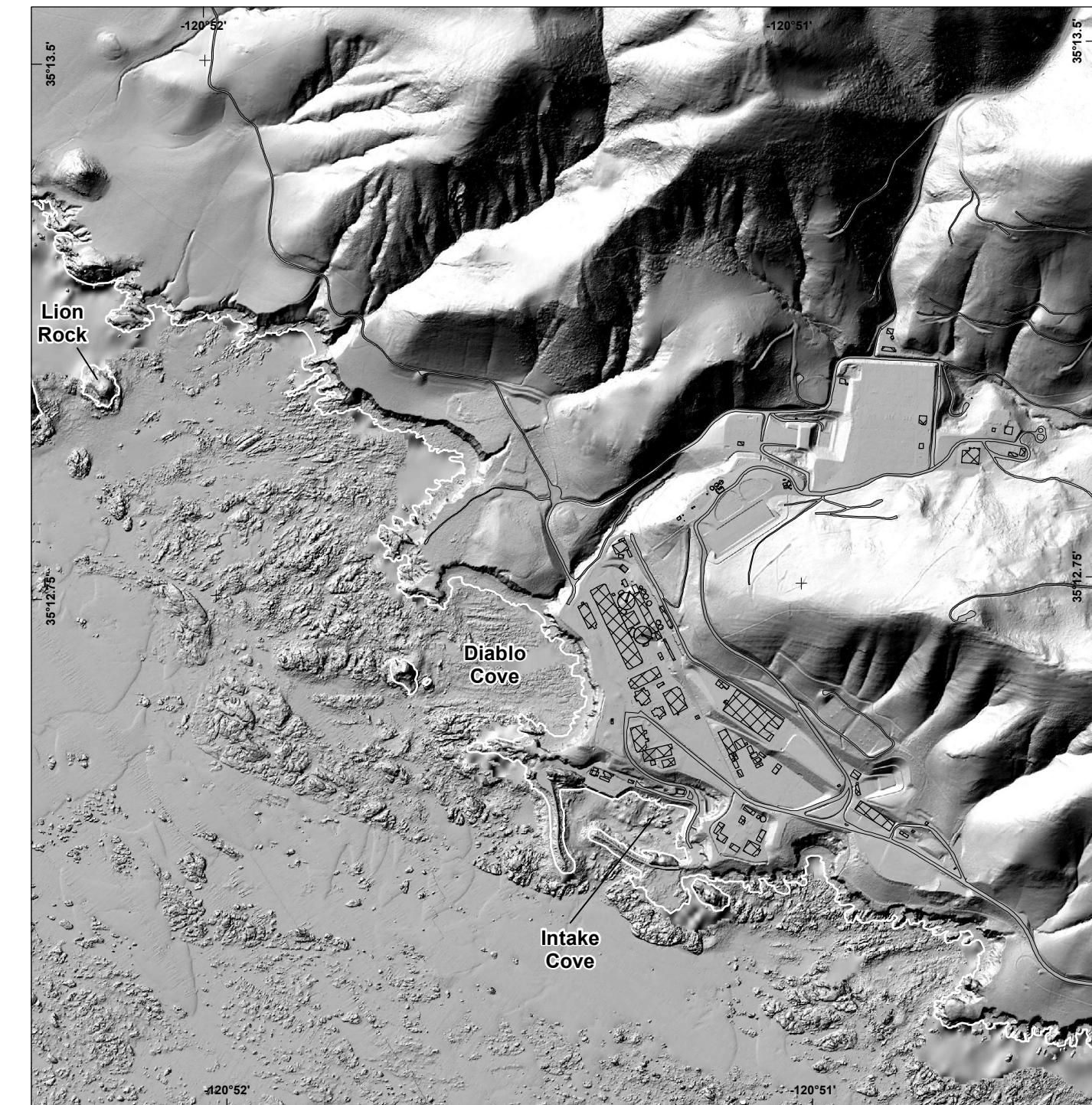


(a) Onshore-offshore hillshade image without Kelpfly MBES data



(b) Onshore-offshore hillshade image with Kelpfly MBES data



Base map: Composite DEM, version 6 (DCPP Geodatabase, 2011).
Artificial sunlight azimuth and inclination: 045° / 45°.

Note: The Kelpfly data fill in areas between the earlier MBES data and the coast.

Base map: Composite DEM, version 7 (DCPP Geodatabase, 2013). Artificial sunlight azimuth and inclination: 315° / 45°.

Map projection and scale: NAD 83 / UTM Zone 10N, 1:15,000



Onshore-Offshore Hillshade Image of the DCPP Area Showing Improved Coverage in the Nearshore with the Kelpfly MBES Data

RESPONSE TO DR. HAMILTON'S TESTIMONY



Pacific Gas and Electric Company

Figure 6-1

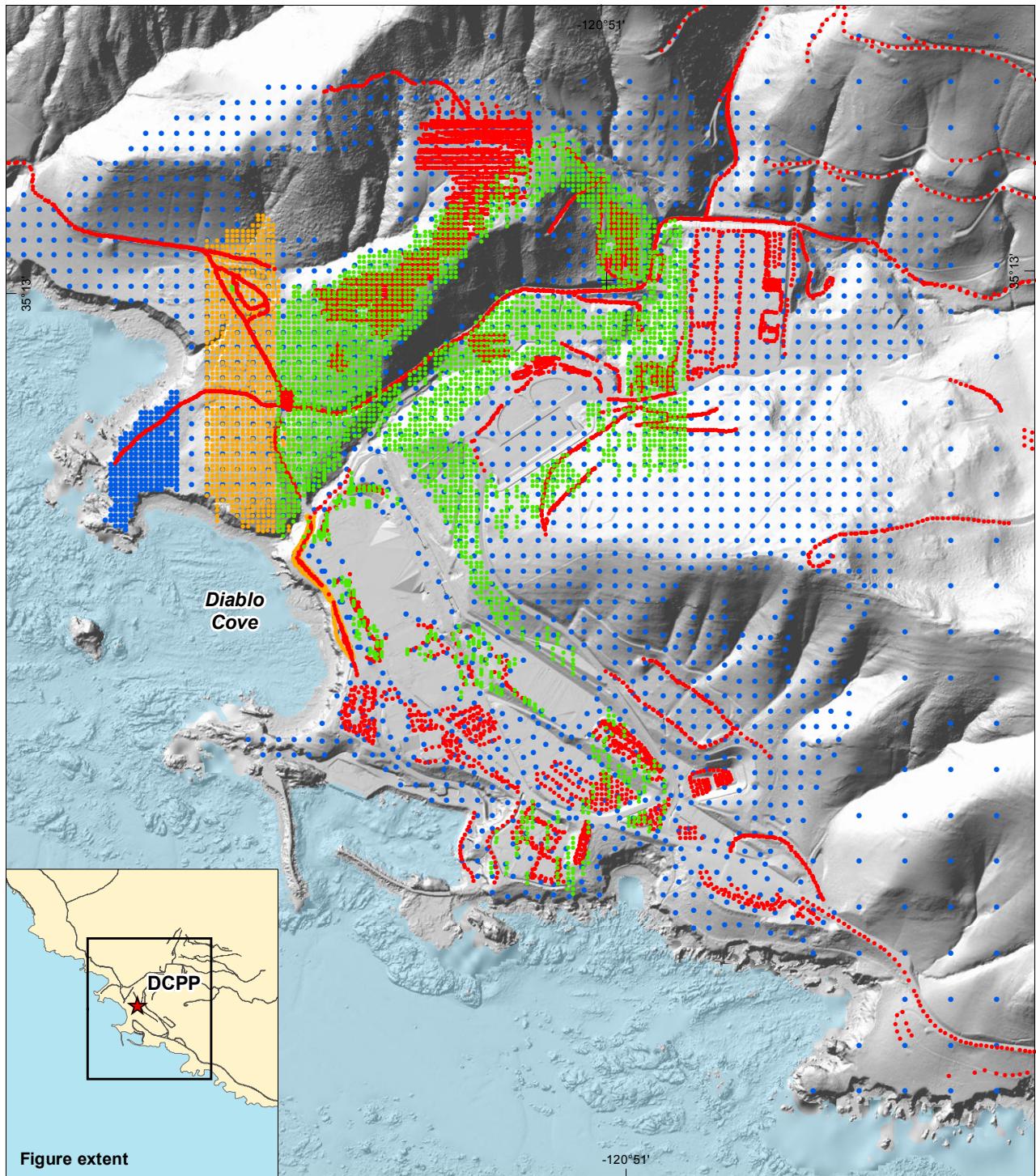


Figure extent

EXPLANATION

- Live ZLand location
- Live Sigma location
- Live Seistronix location
- Vibe source location

Source: Fugro (2014a).

N
0 1,000 2,000
m
0 250 500 ft.

Map projection and scale: NAD 83 / UTM Zone 10N, 1:12,000

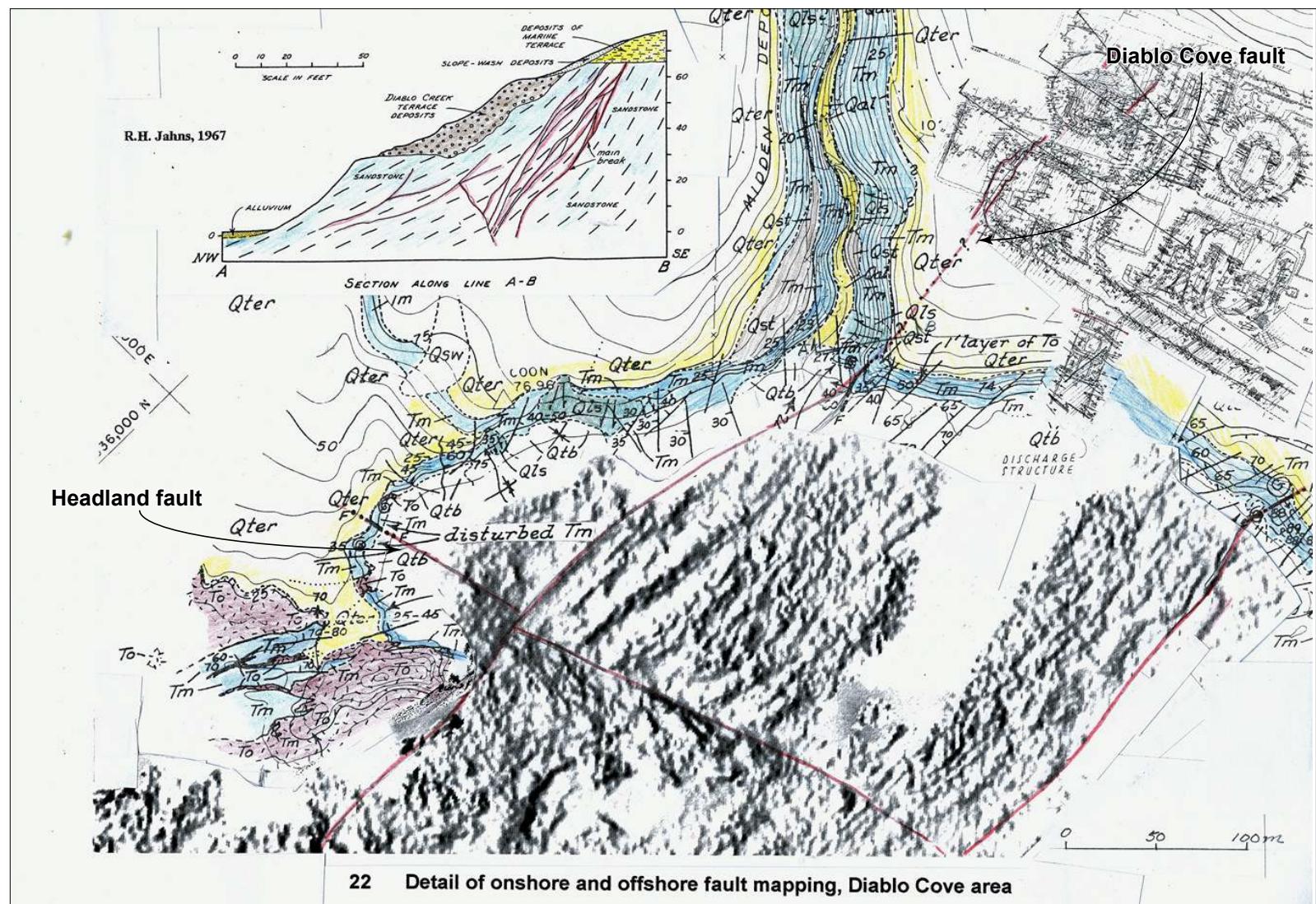
Locations of Sources and Receivers in the DCPP Area for the 2012 3D Seismic Survey

RESPONSE TO DR. HAMILTON'S TESTIMONY



Pacific Gas and Electric Company

Figure 6-2



Note: Modified from slide 22 of Dr. Hamilton's presentation at DCPP SSHAC Workshop No. 2 (November 2012). Fault names were added by PG&E.



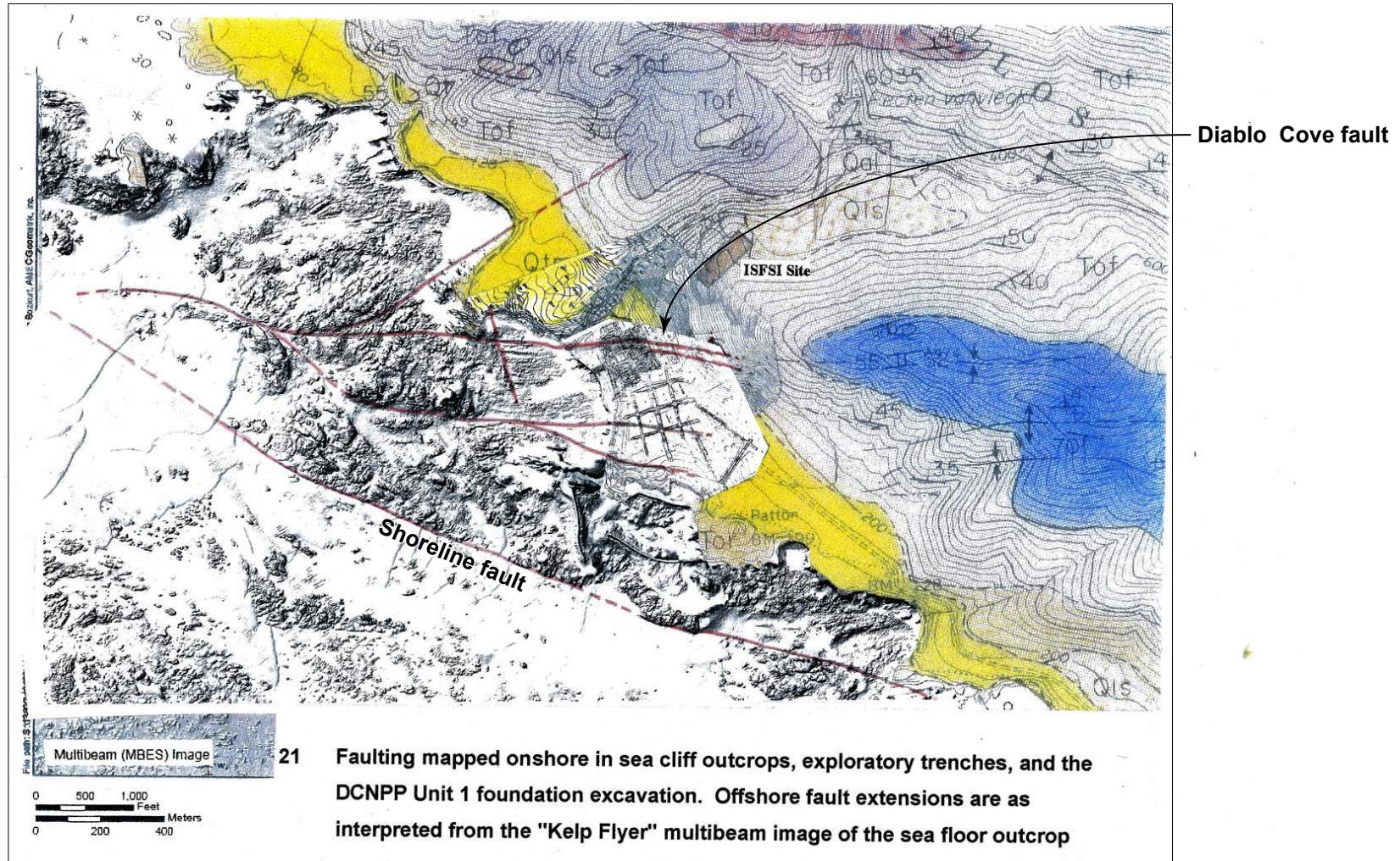
Interpretation of the Diablo Cove Fault Across the DCPP Site and Diablo Cove from Hamilton (2012c)

RESPONSE TO DR. HAMILTON'S TESTIMONY



Pacific Gas and Electric Company

Figure 6-3



Note: Modified from slide 21 of Dr. Hamilton's presentation at DCPP SSHAC Workshop No. 2 (November 2012). Fault names were added by PG&E.

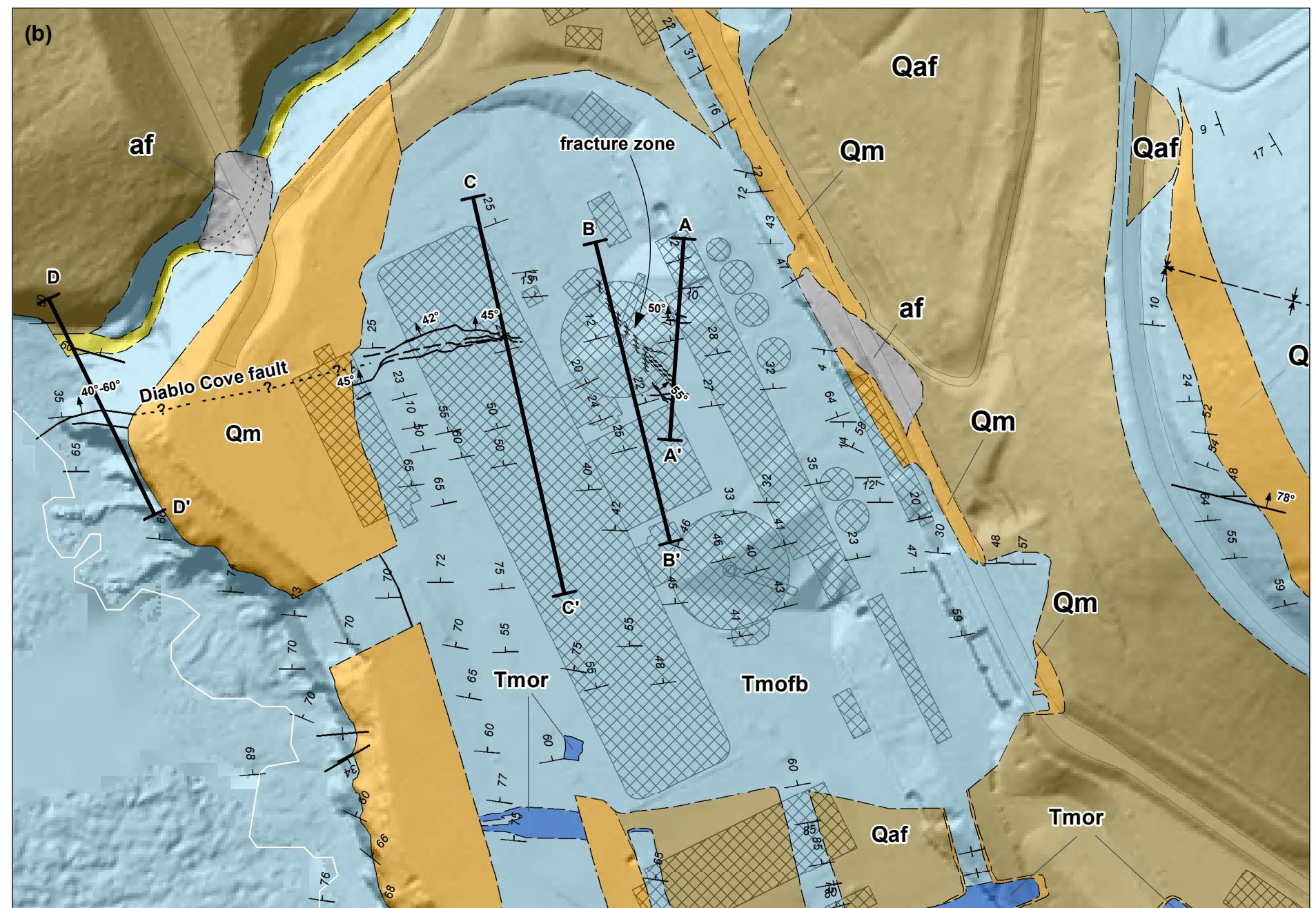
Interpretation of the Diablo Cove Fault Across the DCPP Site Area and Offshore to the Shoreline Fault Zone from Hamilton (2012c)

RESPONSE TO DR. HAMILTON'S TESTIMONY



Pacific Gas and Electric Company

Figure 6-4



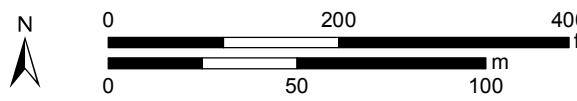
Note pertaining to panel (a):
- Bedding schematically drawn; underlined numbers are elevation in feet.

Notes pertaining to panel (b):
- See Figure 6-7 for explanation of geologic symbols.
- Building footprint from TetraTech (2011), not reviewed by DCPP.

Sources: Jahns (1966, 1967a, 1967b, 1968); Jahns et al. (1973); PG&E (2014b).

EXPLANATION

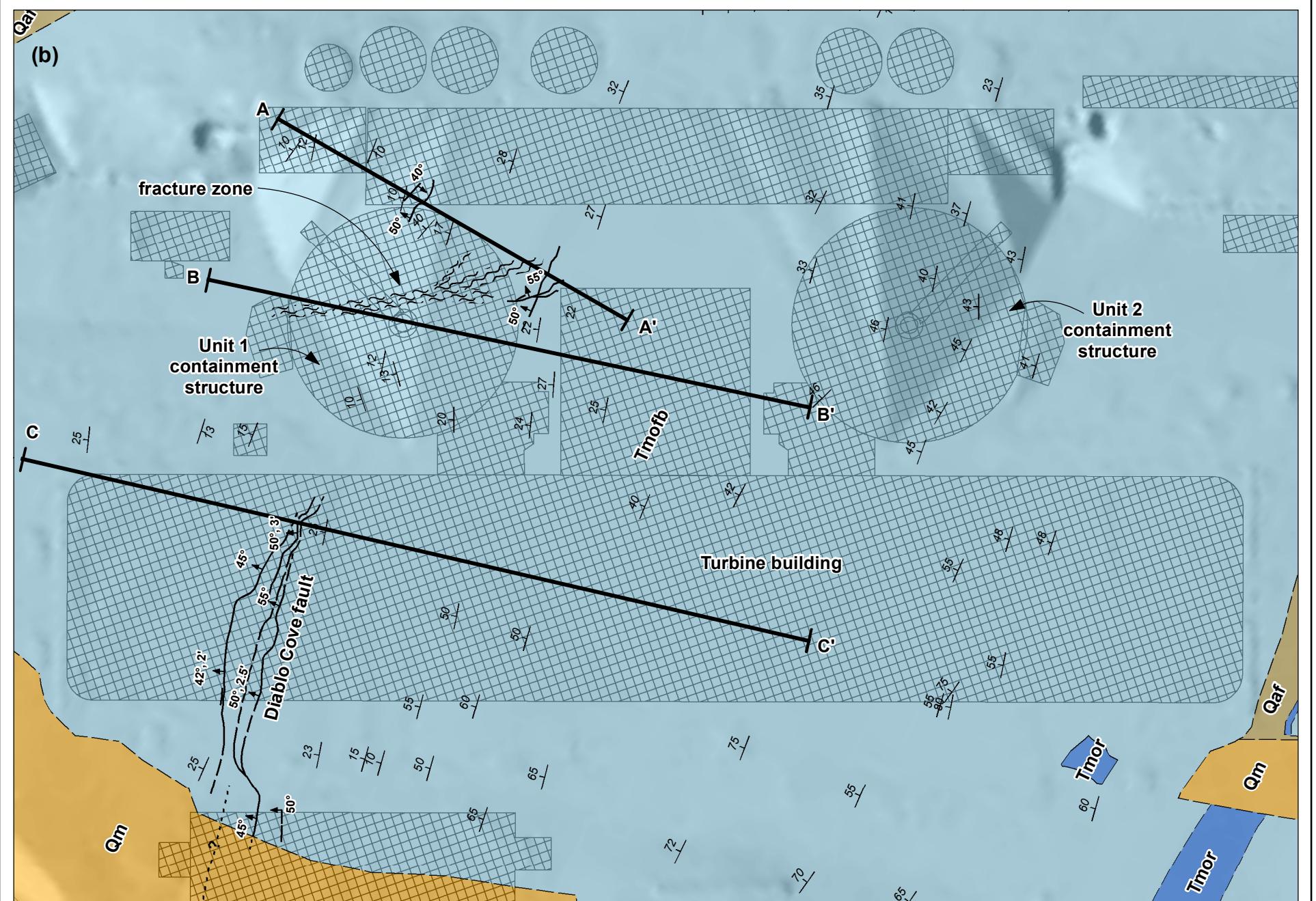
A-A' Geologic cross sections shown on Figure 6-9



Map projection and scale: NAD 83 / UTM Zone 10N, 1:2,000

**Geologic Map of the DCPP Site Area
Showing Faults Identified During
Pre-Construction Studies: (a) Jahns et al.
(1966-1973) and (b) PG&E (2014b).**

RESPONSE TO DR. HAMILTON'S TESTIMONY



Notes pertaining to panel (b):
 - See Figure 2.5-12 (PG&E, 1974) for explanation of secondary structural features (e.g., joints)
 - The number of strikes and dips shown are selected to be representative of those shown in Panel (a), hence the reduced number.
 - See Figure 6-7 for explanation of geologic symbols.
 - Building footprint from TetraTech (2011), not reviewed by DCPP.

Sources: Jahns (1966, 1967a, 1967b, 1968); Jahns et al. (1973); PG&E (2014b).

EXPLANATION

A A'

Geologic cross sections shown on Figure 6-9

Map projection and scale: NAD 83 / UTM Zone 10N, 1:1,000

**Geologic Map of the DCPP Site Showing
Faults Identified During Pre-Construction
Studies: (a) PG&E (1974) and (b) PG&E (2014b).**

RESPONSE TO DR. HAMILTON'S TESTIMONY

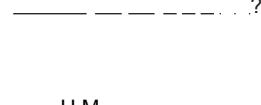
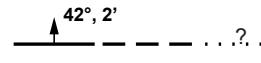
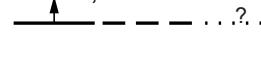
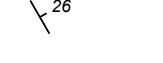
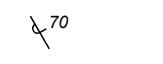
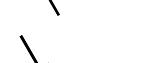
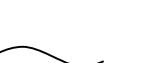


Pacific Gas and Electric Company

Figure 6-6

EXPLANATION

Geologic Units	
Quaternary	<p>af Artificial fill: fill material emplaced locally during construction and improvement activities. Shallow fills not shown; bedrock with trenches and excavation for power block shown; filled with af.</p> <p>Qsw Sand wave deposits, offshore: unlithified sheets of sand that form migrating marine dunes.</p> <p>Qal Alluvial deposits: unlithified silt, sand, and gravel valley fill deposited during overbank flooding, channel backfilling, and construction of debris flow levees.</p> <p>Qaf Alluvial fan deposits: unlithified silt, sand, and gravel deposited in fans along valley margins (only shown near DCPP).</p> <p>Qls Landslide deposits: unlithified masses of displaced bedrock and/or soil; may be active or inactive.</p> <p>Qt Fluvial terrace deposits: unlithified silt, sand, and gravel deposited in stream valleys.</p> <p>Qm Marine terrace deposits: unlithified to weakly lithified marine sand and gravel deposited above wave-cut platforms in the Pleistocene and commonly overlain by alluvial fan and colluvial deposits.</p>
Neogene	<p>Tmm Monterey Formation: tuffaceous, siliceous, and diatomaceous siltstone and shale, gray and brown (weathers to chalky white), thinly bedded and well-lithified, includes common chert laminations.</p> <p>Tmo Obispo Formation, undifferentiated: tuffaceous, dolomitic siltstone and fine sandstone rare diatomaceous siltstone, tuff, and resistant zeolitized tuff.</p> <p>Tmod Obispo Formation, diabase: brown, aphanitic to phaneritic, intrusive in dikes and sills.</p> <p>Tmof Obispo Formation, fine-grained member: Bedded tuffaceous to diatomaceous, fine to medium-bedded siltstone, sandstone, and rare shale; commonly dolomitic. Locally includes tuff beds.</p> <p>Tmofb Obispo Formation, fine-grained sub-member b: Bedded tuffaceous, dolomitic, fine to medium-bedded siltstone and fine sandstone.</p> <p>Tmofc Obispo Formation, fine-grained sub-member c: Bedded shale and siltstone, very fine bedded silty shale with medium bedded, dolomitic siltstone interbeds.</p> <p>Tmor Obispo Formation, resistant member: Bedded to massive zeolitic tuff, tuff breccia, and tuffaceous sandstone.</p>
Jurassic/Cretaceous	<p>Ks Cretaceous Sandstone: arkosic to lithic sandstone, brown, bedded, well-lithified, fine- to coarse-grained, includes minor shale.</p> <p>KJf Franciscan Complex, undifferentiated</p>

Geologic Structures	
From previous mapping and GMP	<p>Contact: solid where well located, long dash where approximate, short dash where inferred, dotted where concealed, queried where uncertain.</p>  <p>Boundary (contact) between Obispo diabase and tuffaceous rocks interpreted from helicopter magnetic survey (PG&E, 2011). Line may not follow exact contact of rock at surface.</p>
	<p>Syncline: dashed where approximate, dotted where concealed. Arrow points in direction of plunge.</p> 
	<p>Anticline: dashed where approximate, dotted where concealed. Arrow points in direction of plunge.</p> 
	<p>Fault: solid where well located, long dash where approximate, short dash where inferred, dotted where concealed, queried where uncertain. Arrow indicates dip direction of fault or shear surface. Numbers indicate measured dip and stratigraphic separation in feet where present.</p>  <p>Zone of blocky fracturing</p>
From GMP	<p>Inclined bedding:</p>  <p>Inclined bedding:</p>  <p>Vertical bedding orientation:</p>  <p>Overturned bedding:</p> 
From previous mapping	<p>Inclined fault:</p>  <p>Vertical fault:</p> 
Geographical Features	
	<p>Roads:</p>  <p>Buildings:</p>  <p>Coastline (white line) at mean lower low water (approximate sea level)</p> 

Note: This explanation is for the larger Irish Hills area hence not all units and symbols apply to Figures 6-5b, 6-6b, 6-13, 6-16, and 6-51.

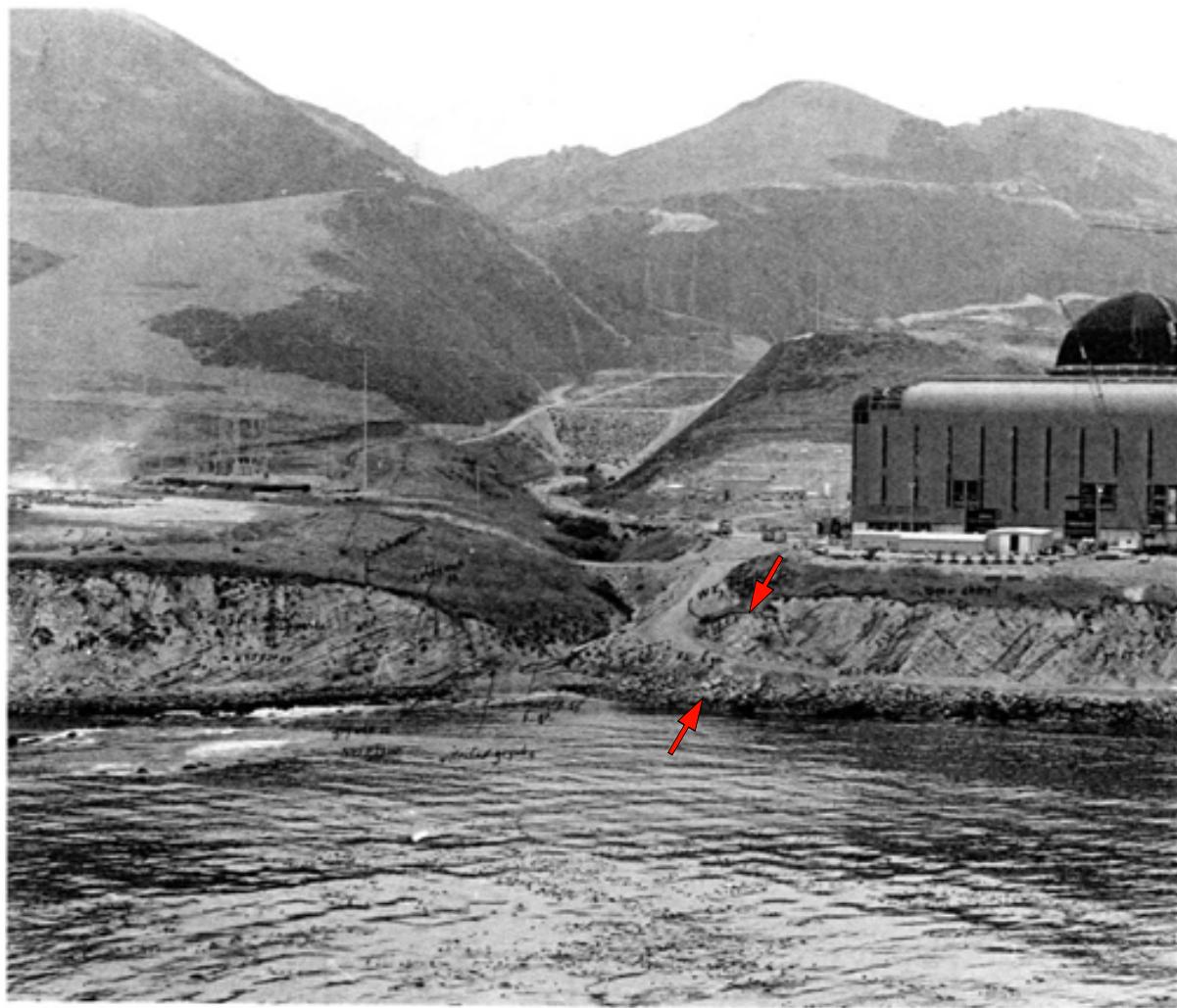
Explanation to Accompany Geologic Maps Based on PG&E (2014b)

RESPONSE TO DR. HAMILTON'S TESTIMONY



Pacific Gas and Electric Company

Figure 6-7



19 Photograph of mouth of Diablo Creek in 1972, showing south headland exposure graded away by construction of beach access road

EXPLANATION

→ Diablo Cove fault exposed in sea cliff (added by PG&E to this figure).

Note: Modified from slide 16 of Dr. Hamilton's presentation at DCPPSSHAC Workshop No. 2 (November, 2012).

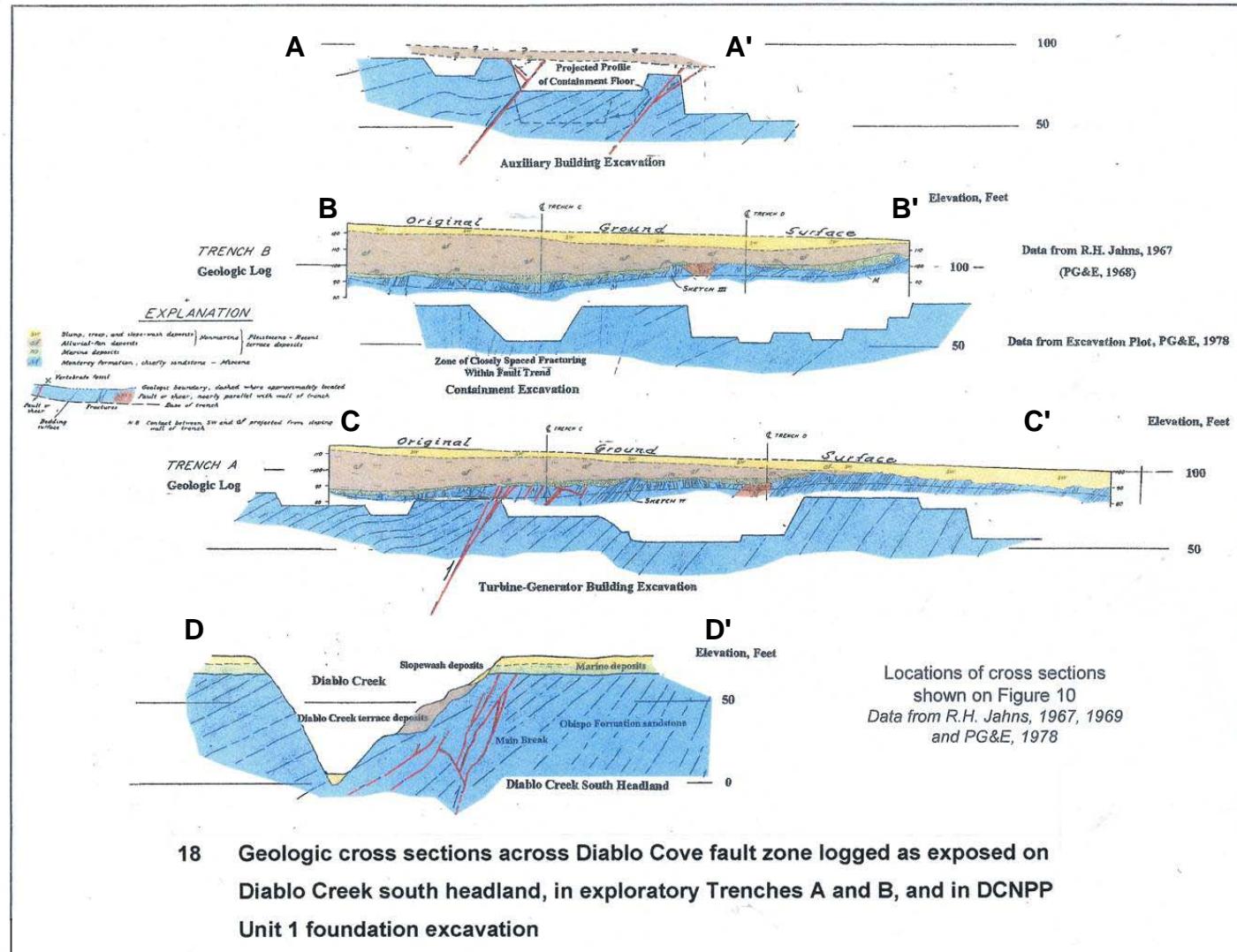
Photograph of Mouth of Diablo Canyon Creek and Diablo Cove Fault Exposed in the Sea Cliff from Hamilton (2012c)

RESPONSE TO DR. HAMILTON'S TESTIMONY



Pacific Gas and Electric Company

Figure 6-8



18 Geologic cross sections across Diablo Cove fault zone logged as exposed on
Diablo Creek south headland, in exploratory Trenches A and B, and in DCNPP
Unit 1 foundation excavation

Notes:

- Modified from slide 18 of Dr. Hamilton's presentation at DCPP SSHAC Workshop No. 2 (November 2012). Section line letters were assigned by PG&E.
- Locations of cross sections are shown on Figures 6-5 and 6-6.

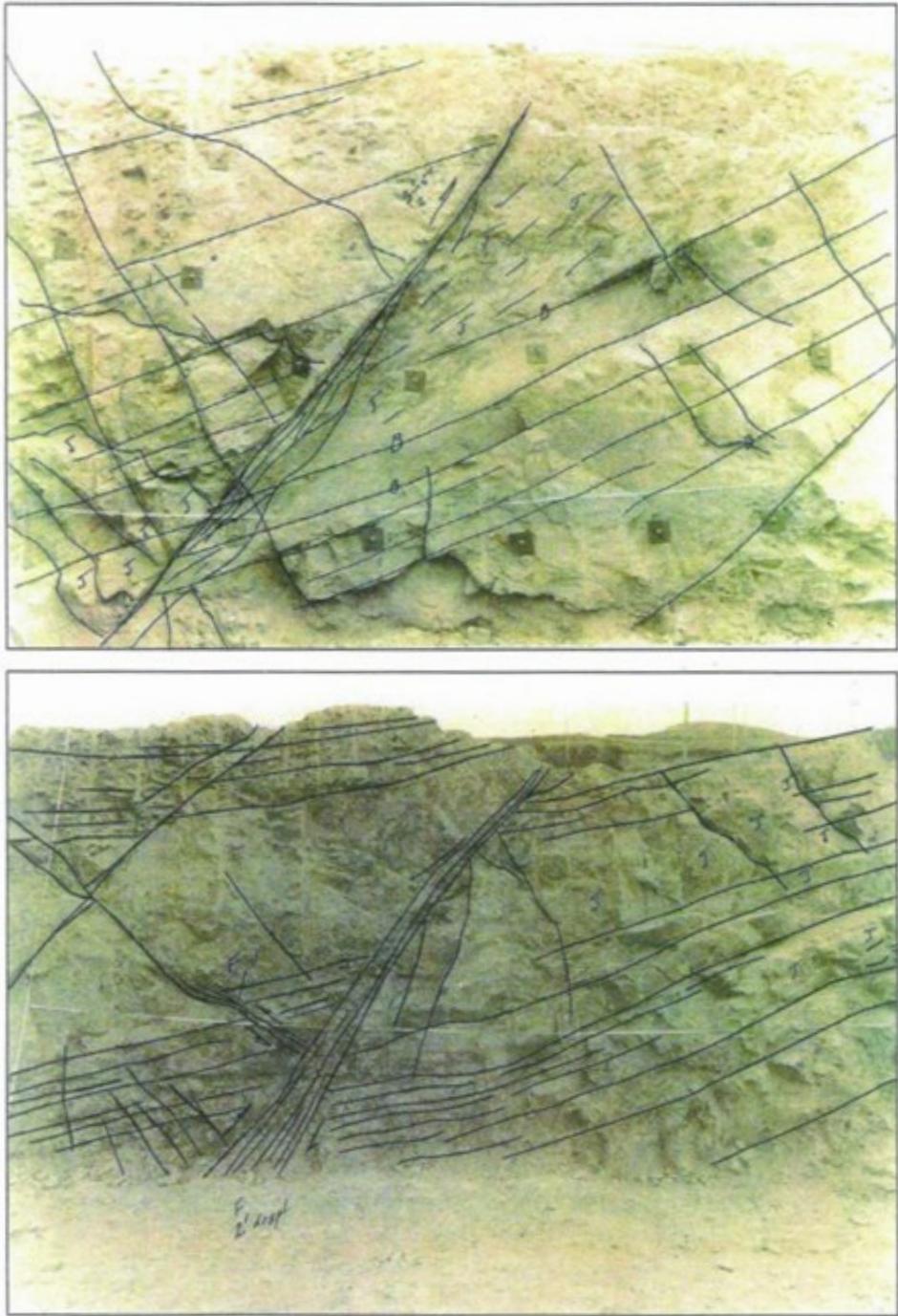
Diablo Cove Fault as Mapped in the
Excavations for the Turbine Building,
Unit 1 Containment, and Sea Cliff
from Hamilton (2012c)

RESPONSE TO DR. HAMILTON'S TESTIMONY



Pacific Gas and Electric Company

Figure 6-9



17 Photographs of faulting exposed in bedrock cut slopes of DCNPP Unit 1 foundation excavation, 1969; logging annotations by Prof. R. H. Jahns

Note: Slide 17 of Dr. Hamilton's presentation at DCPP SSHAC Workshop No. 2 (November 2012).

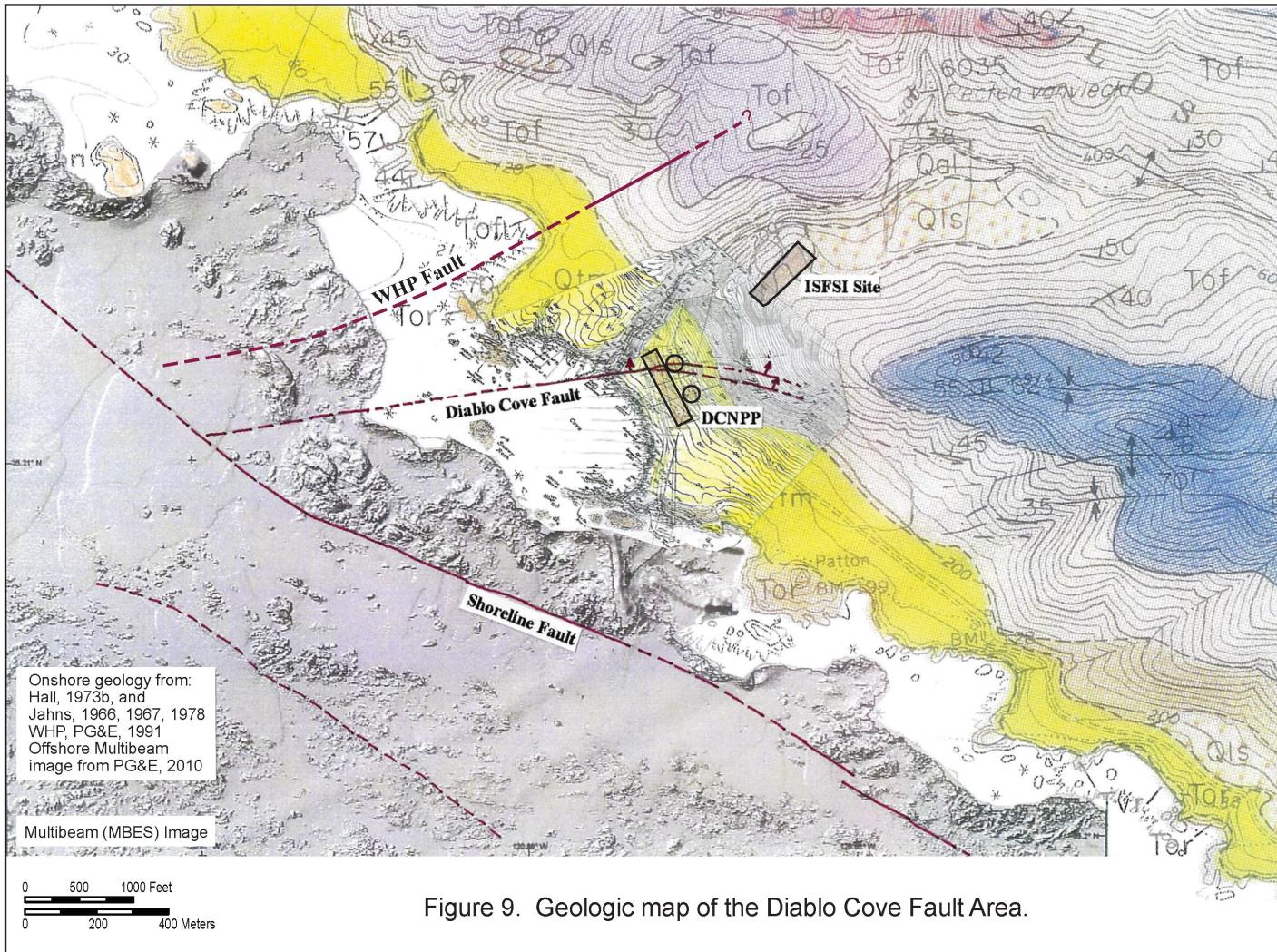
Photographs of Faulting in the Foundation Excavations for Unit 1 from Hamilton (2012c)

RESPONSE TO DR. HAMILTON'S TESTIMONY



Pacific Gas and Electric Company

Figure 6-10



Note: Figure 9 from Dr. Hamilton's testimony (February 2012).

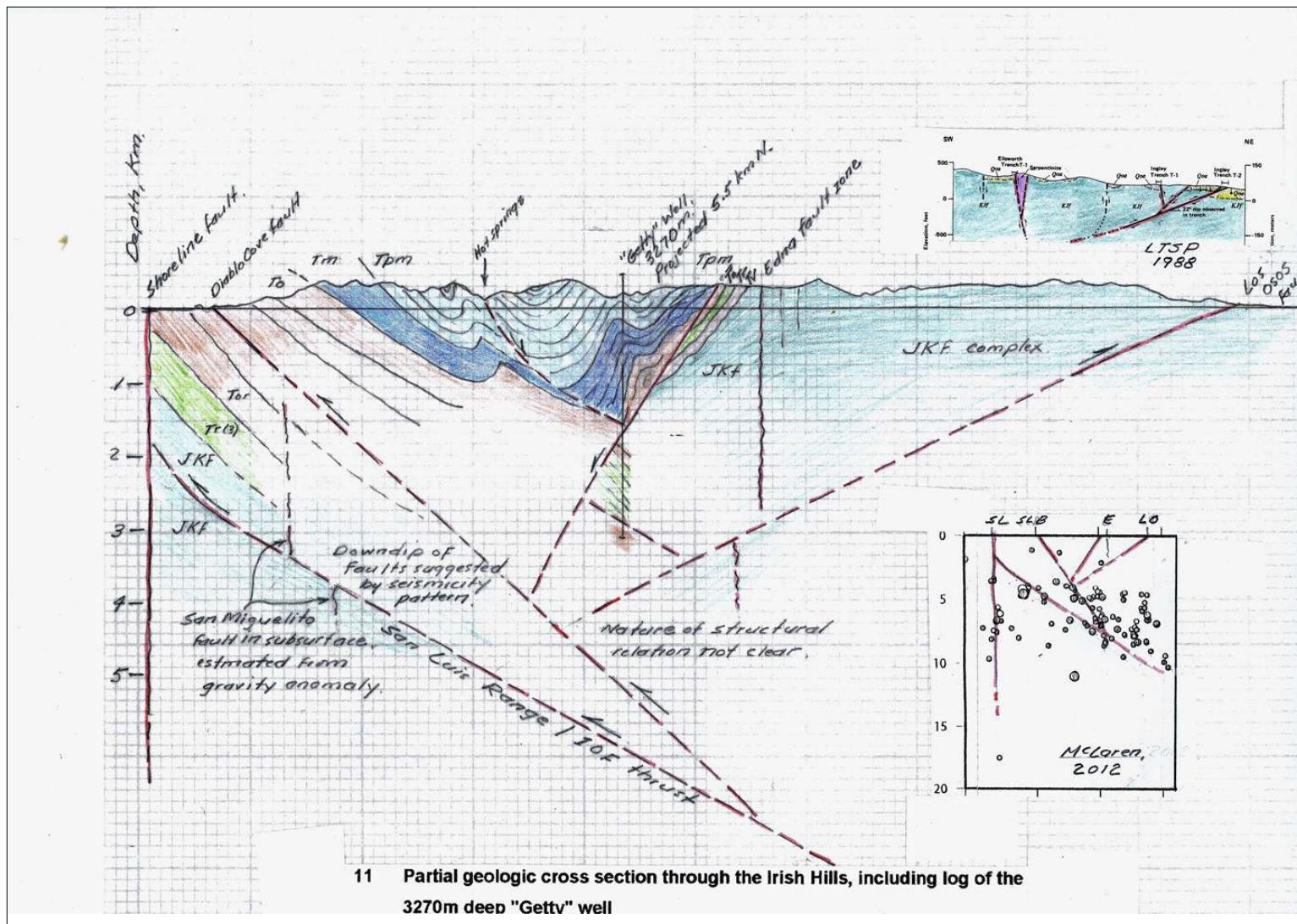
**Interpretation of the Diablo Cove Fault
Prior to Offshore Kelpfly Data
from Hamilton (2012a)**

RESPONSE TO DR. HAMILTON'S TESTIMONY



Pacific Gas and Electric Company

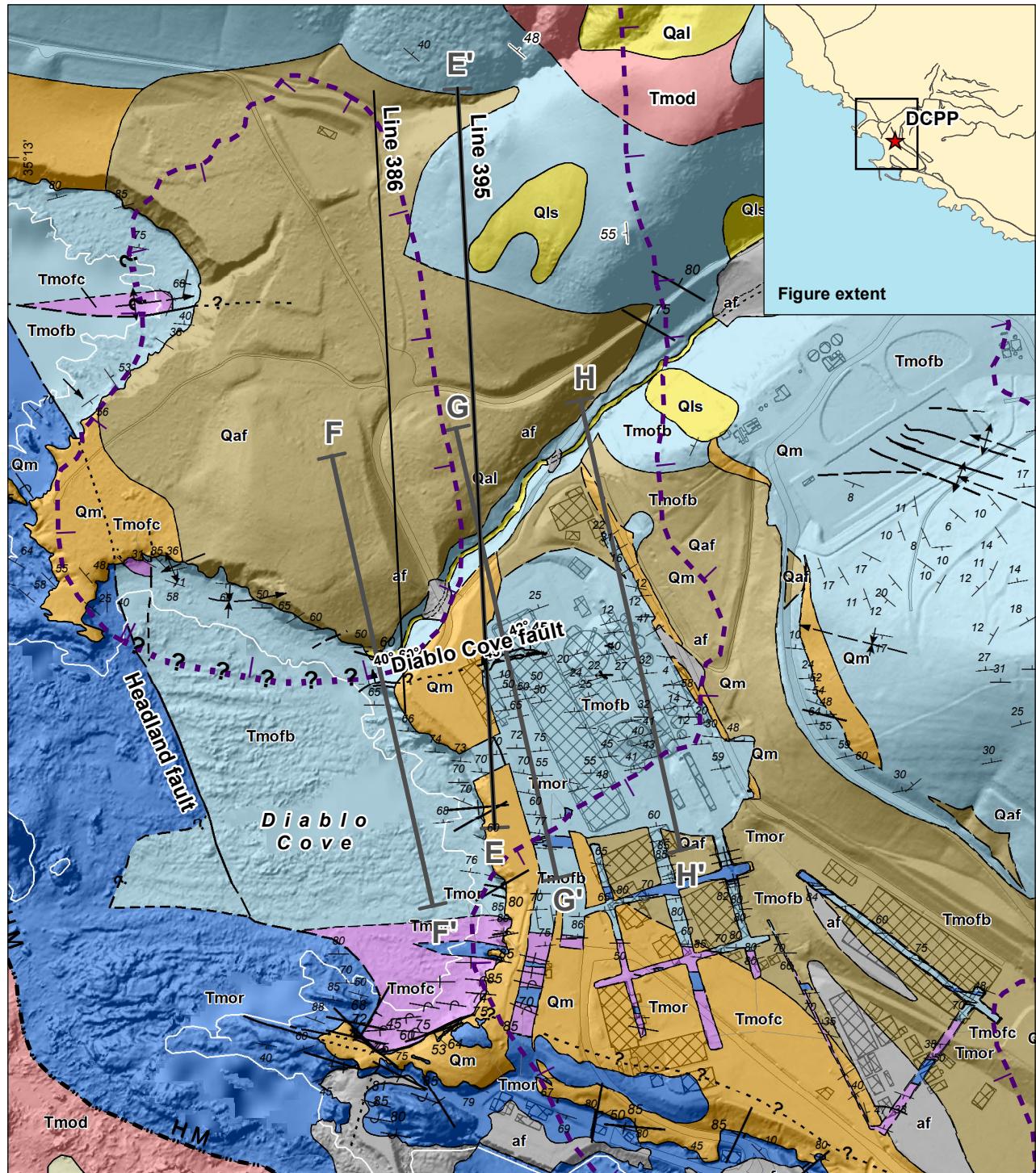
Figure 6-11



Note: Slide 11 from Dr. Hamilton's presentation at DCPP SSHAC Workshop No. 2 (November 2012).

Geologic Cross Section of the Irish Hills from Hamilton (2012c)

RESPONSE TO DR. HAMILTON'S TESTIMONY	
Pacific Gas and Electric Company	Figure 6-12



EXPLANATION

■ ? Projection of diabase extent based on 100 ft. thick contour, queried where extrapolated offshore (see Figure 6-14a); hachures indicate side of boundary where diabase is present

— Geologic cross section

— Seismic lines from FCL (2014b)

Notes:

- See Figure 6-7 for explanation of geologic symbols.
- See Figures 6-5 and 6-6 for more detailed geologic interpretations of the DCPP site area.

Sources:

- PG&E (2014b).
- FCL (2014b).

N
0 400 800
m
0 100 200
ft.

Map projection and scale: NAD 83 / UTM Zone 10N, 1:6,000

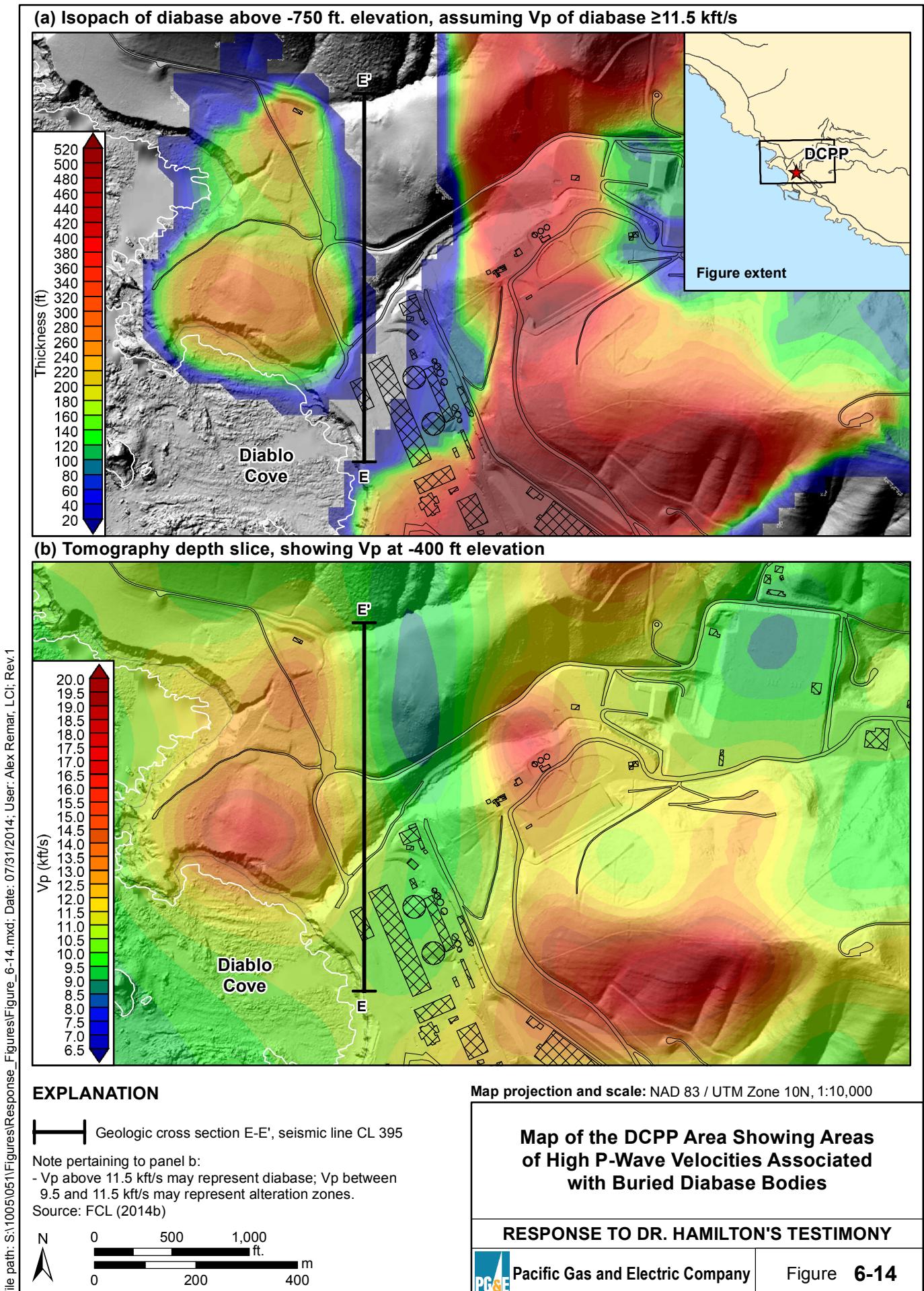
Geologic Map of the DCPP Site Area Showing Locations of Seismic Lines and Shallow Geologic Cross Sections

RESPONSE TO DR. HAMILTON'S TESTIMONY

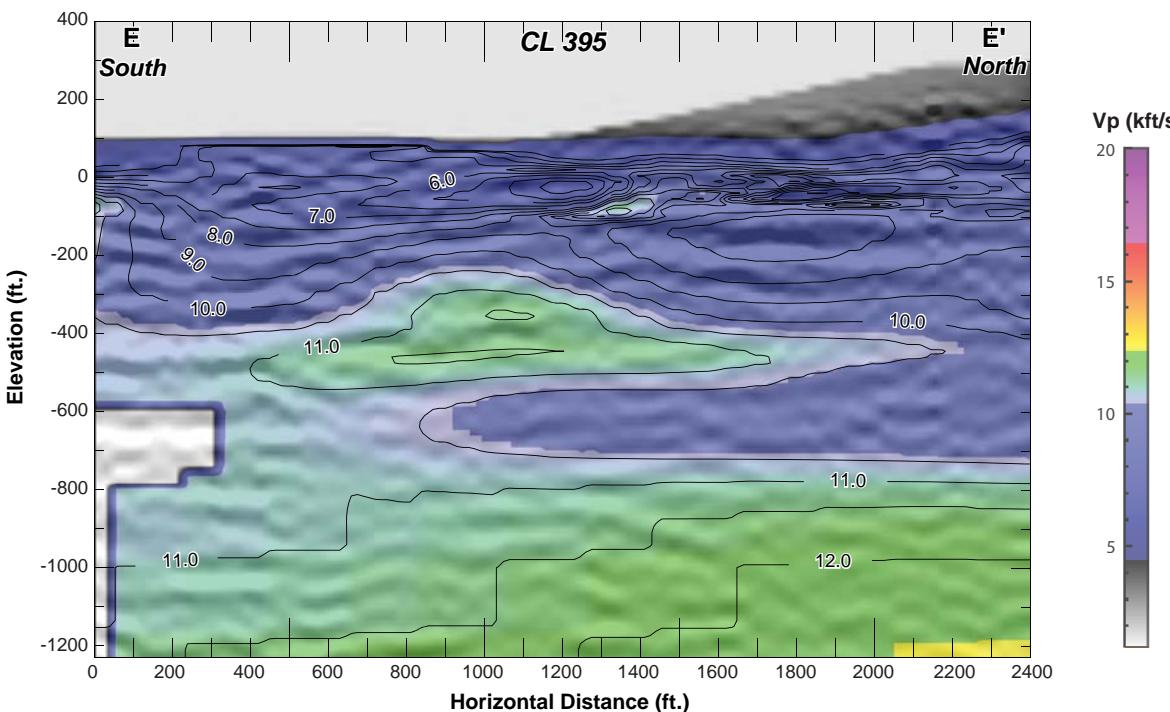


Pacific Gas and Electric Company

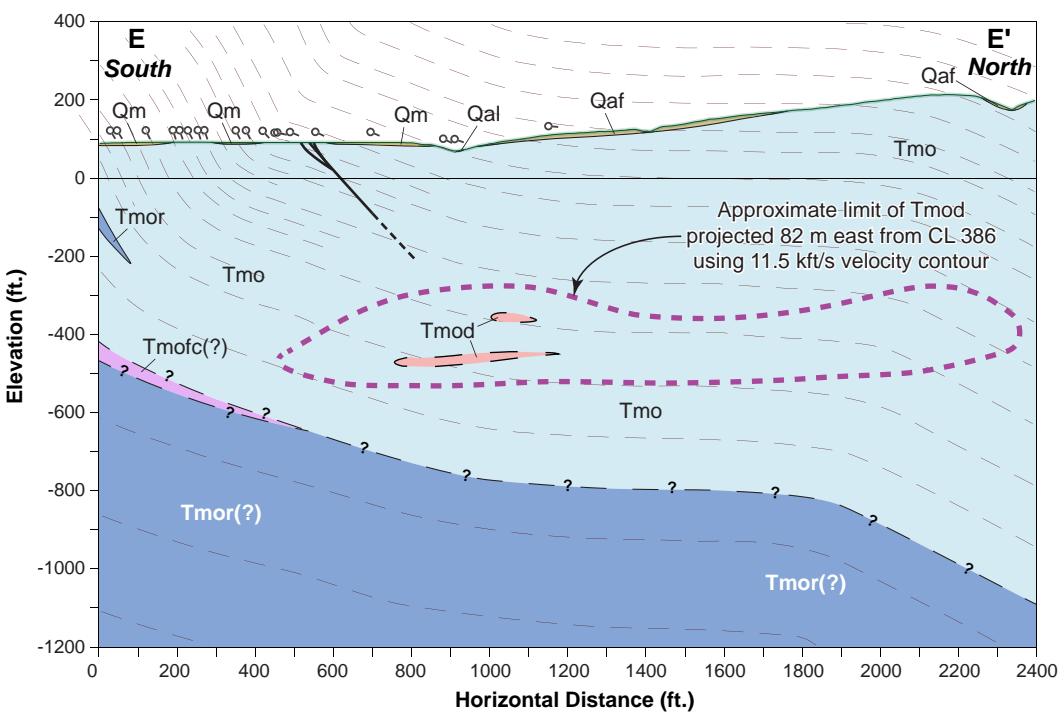
Figure 6-13



(a) Seismic Reflection Profile CL 395 and Tomography (FCL, 2014b)



(b) Geologic Data and Interpretation



EXPLANATION

Qal	Alluvial deposits	Tmo	Obispo Formation, tuffaceous siltstone and sandstone
Qaf	Alluvial fan deposits	Tmofc	Obispo Formation, tuffaceous siltstone and shale
Qm	Marine terrace deposits	Tmor	Obispo Formation, resistant tuff
Tmod	Obispo Formation, intrusive diabase		

Note: See Figure 6-17 for explanation of geologic symbols used on cross section.

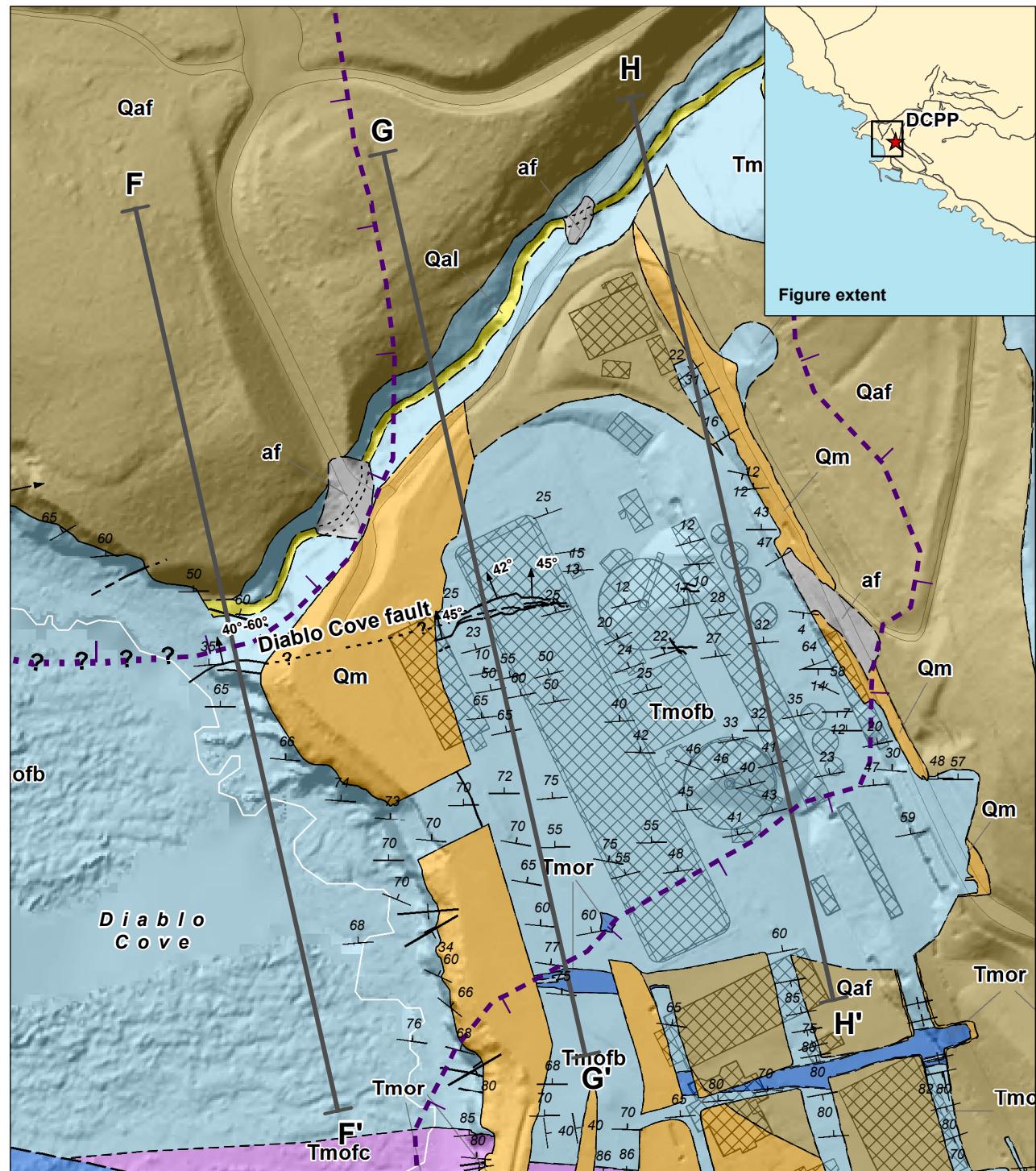
Seismic Profile CL 395 and Geologic Interpretation, Cross Section E-E'

RESPONSE TO DR. HAMILTON'S TESTIMONY



Pacific Gas and Electric Company

Figure 6-15



EXPLANATION

- ? Projection of diabase extent based on 100 ft. thick contour, queried where extrapolated offshore (see Figure 6-14a); hachures indicate side of boundary where diabase is present

Geologic cross section

Notes:

- See Figure 6-7 for explanation of geologic symbols.
- See Figures 6-5 and 6-6 for more detailed geologic interpretations of the DCPP site area.

Source: PG&E (2014b).

N 0 200 400
ft.
0 50 100 m
Map Projection: NAD 83 / UTM Zone 10N, 1:3,000

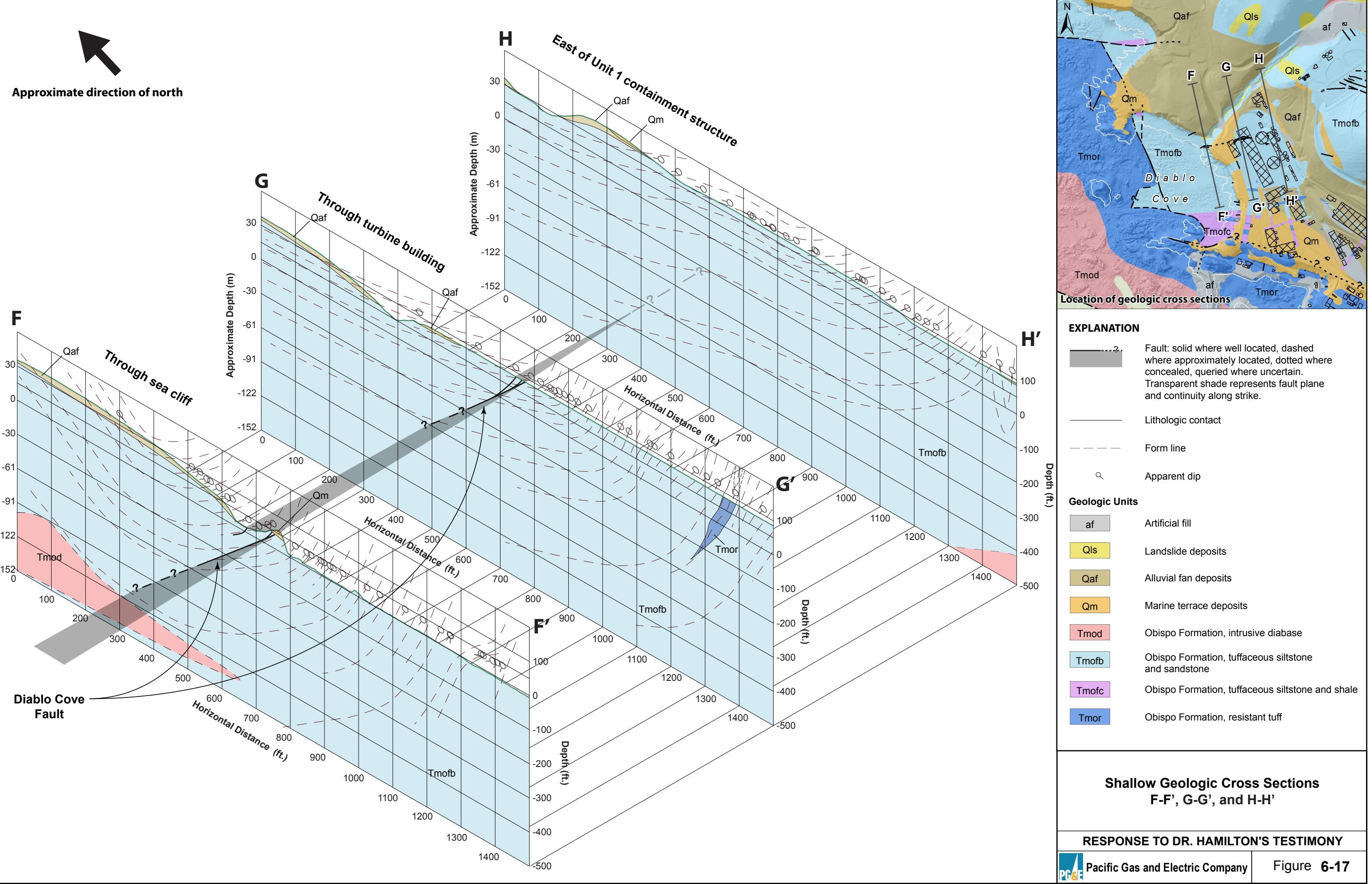
Geologic Map of the DCPP Site Area Showing Shallow Locations of Geologic Cross Sections F-F', G-G', and H-H'

RESPONSE TO DR. HAMILTON'S TESTIMONY

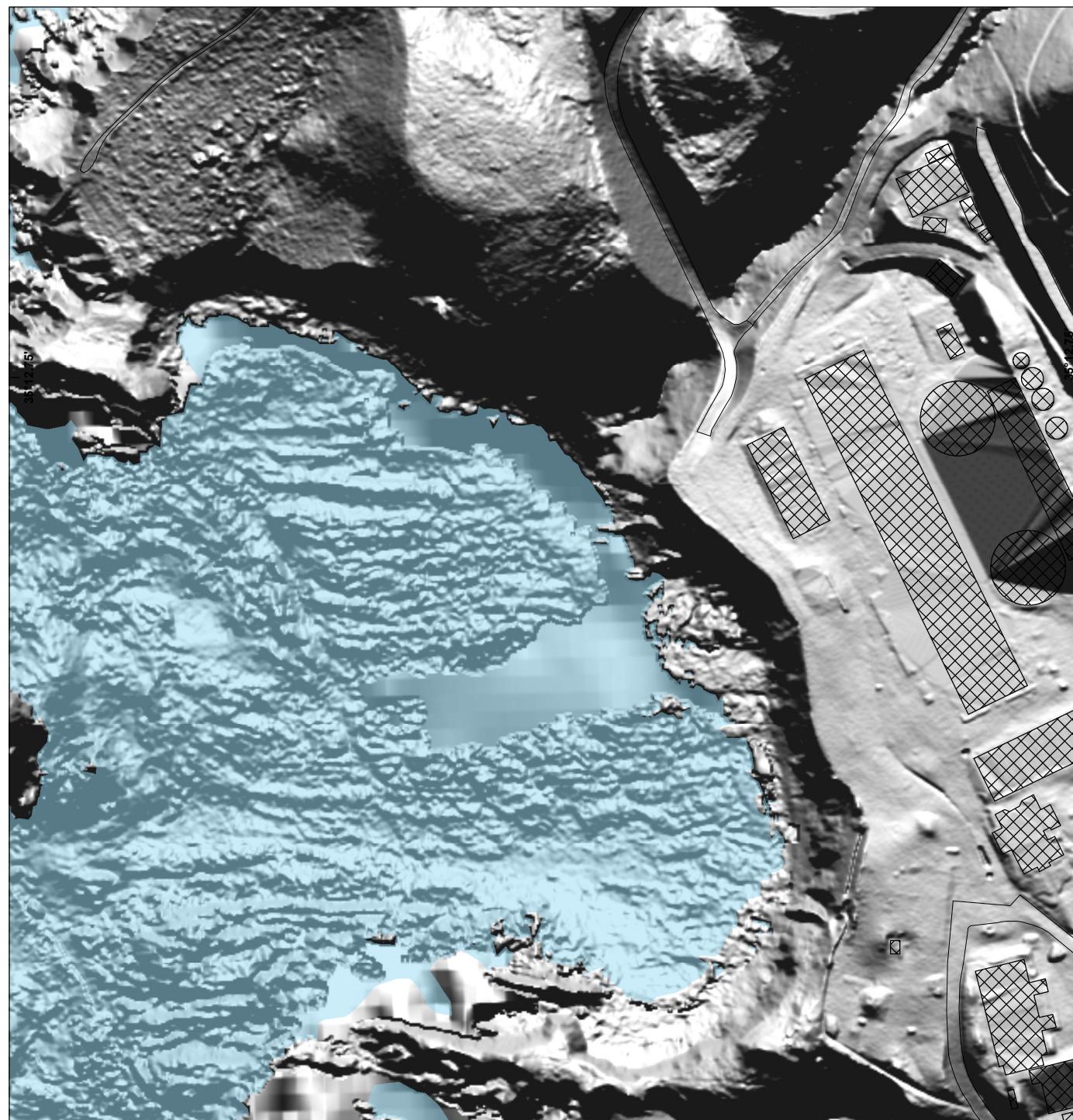


Pacific Gas and Electric Company

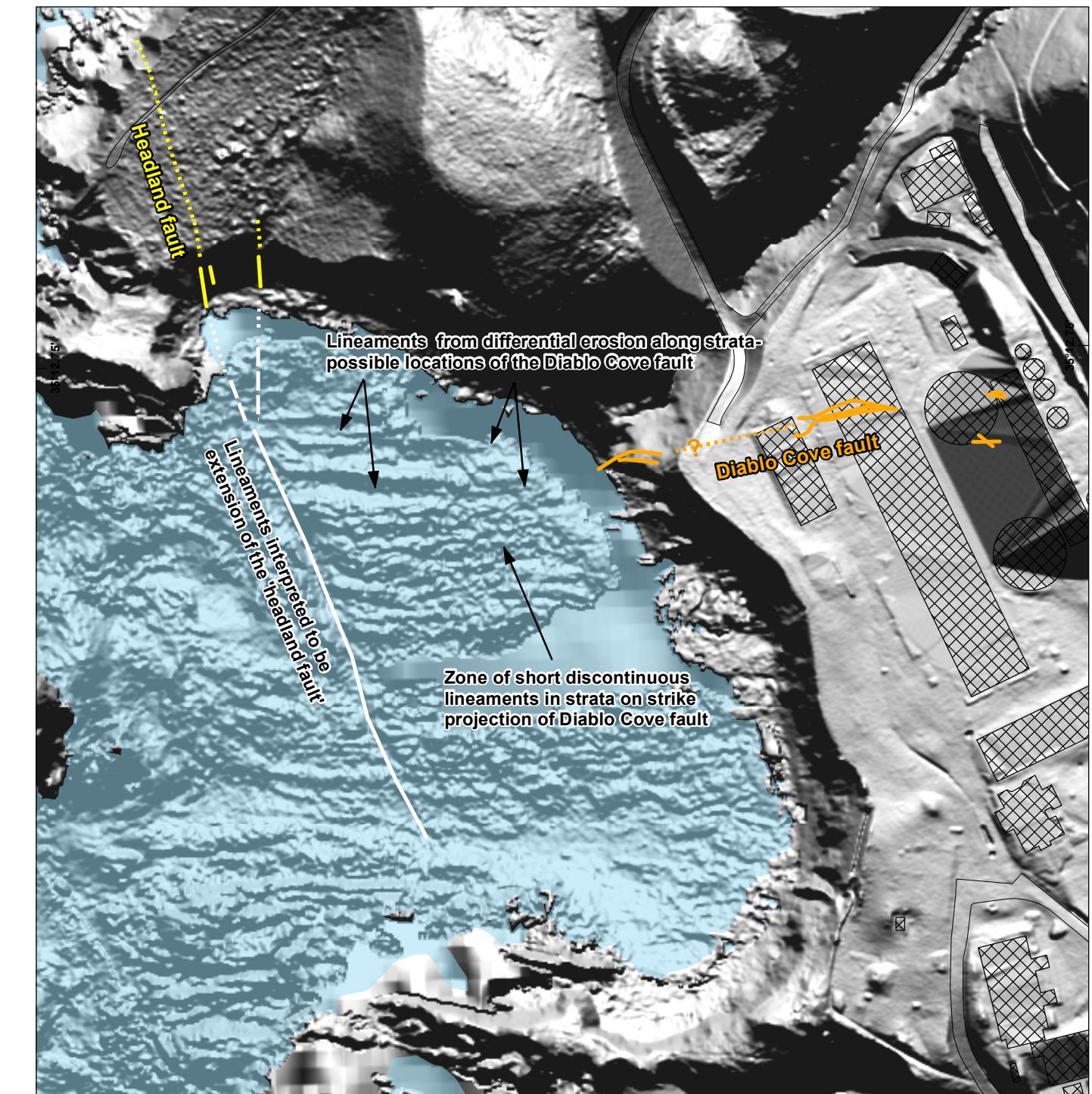
Figure 6-16



(a) Uninterpreted



(b) PG&E Interpretation



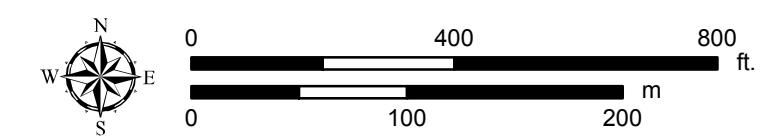
Map projection and scale: NAD 83 / UTM Zone 10N, 1:3,500

MBES-LiDAR Hillshade Image of Diablo Cove: (a) Uninterpreted and (b) Showing the Diablo Cove and Headland Faults

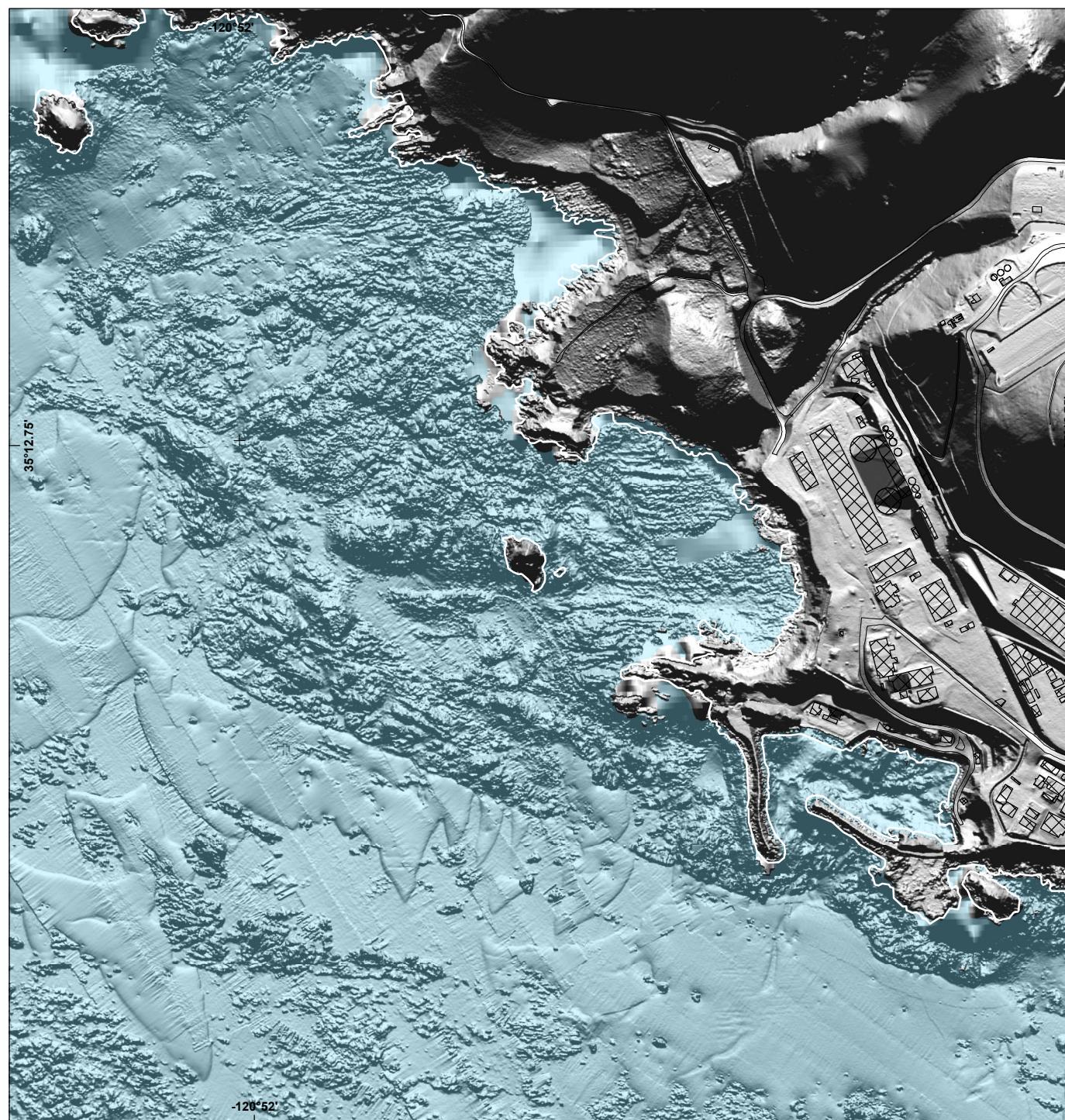
RESPONSE TO DR. HAMILTON'S TESTIMONY

 Pacific Gas and Electric Company | Figure 6-18

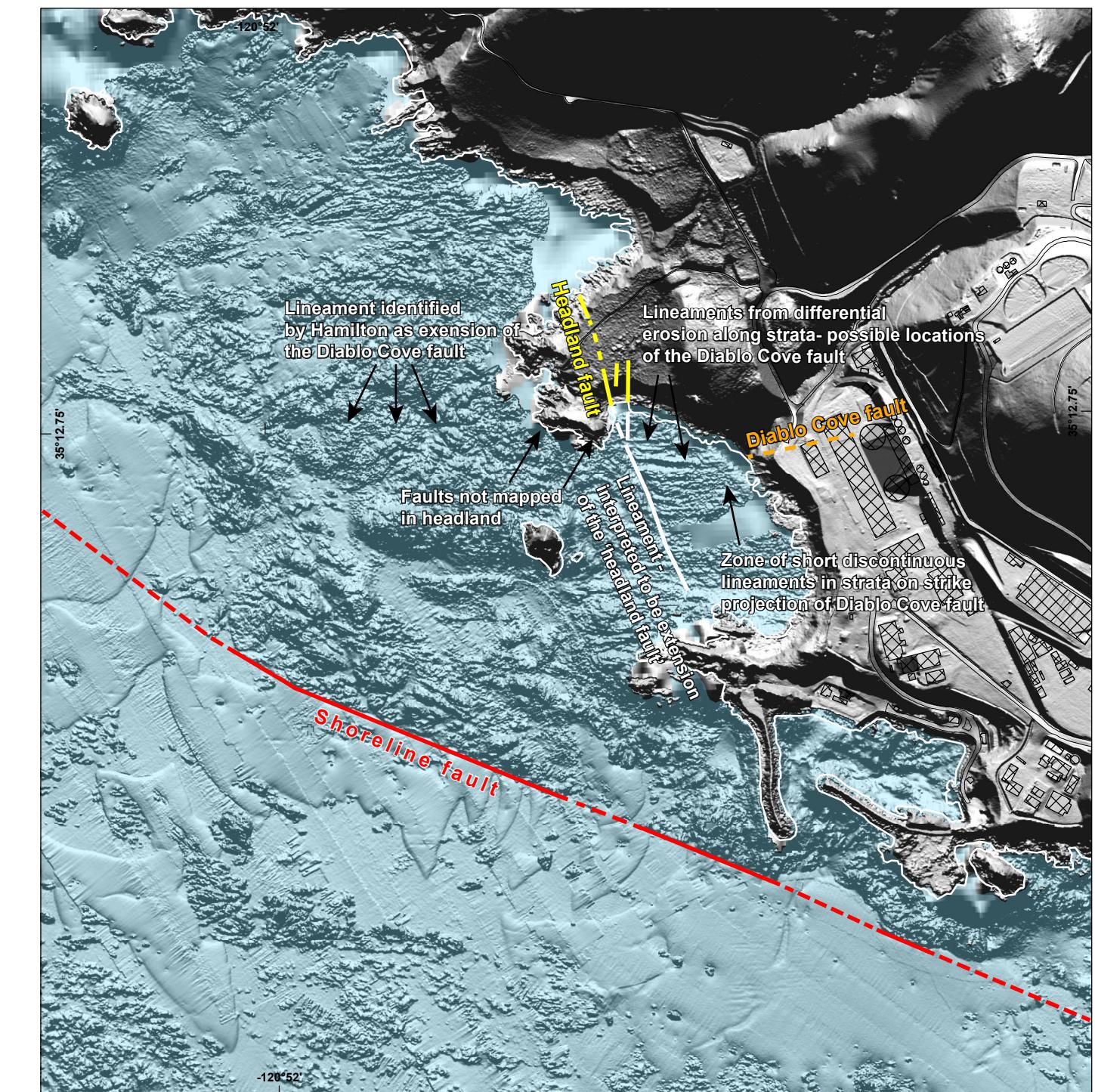
Base map: Composite DEM, version 7 (DCPP Geodatabase, 2013). Artificial sunlight azimuth and inclination: 000° / 45°. Vertical exaggeration: 10X



(a) Uninterpreted



(b) PG&E interpretation



Map projection and scale: NAD 83 / UTM Zone 10N, 1:10,000

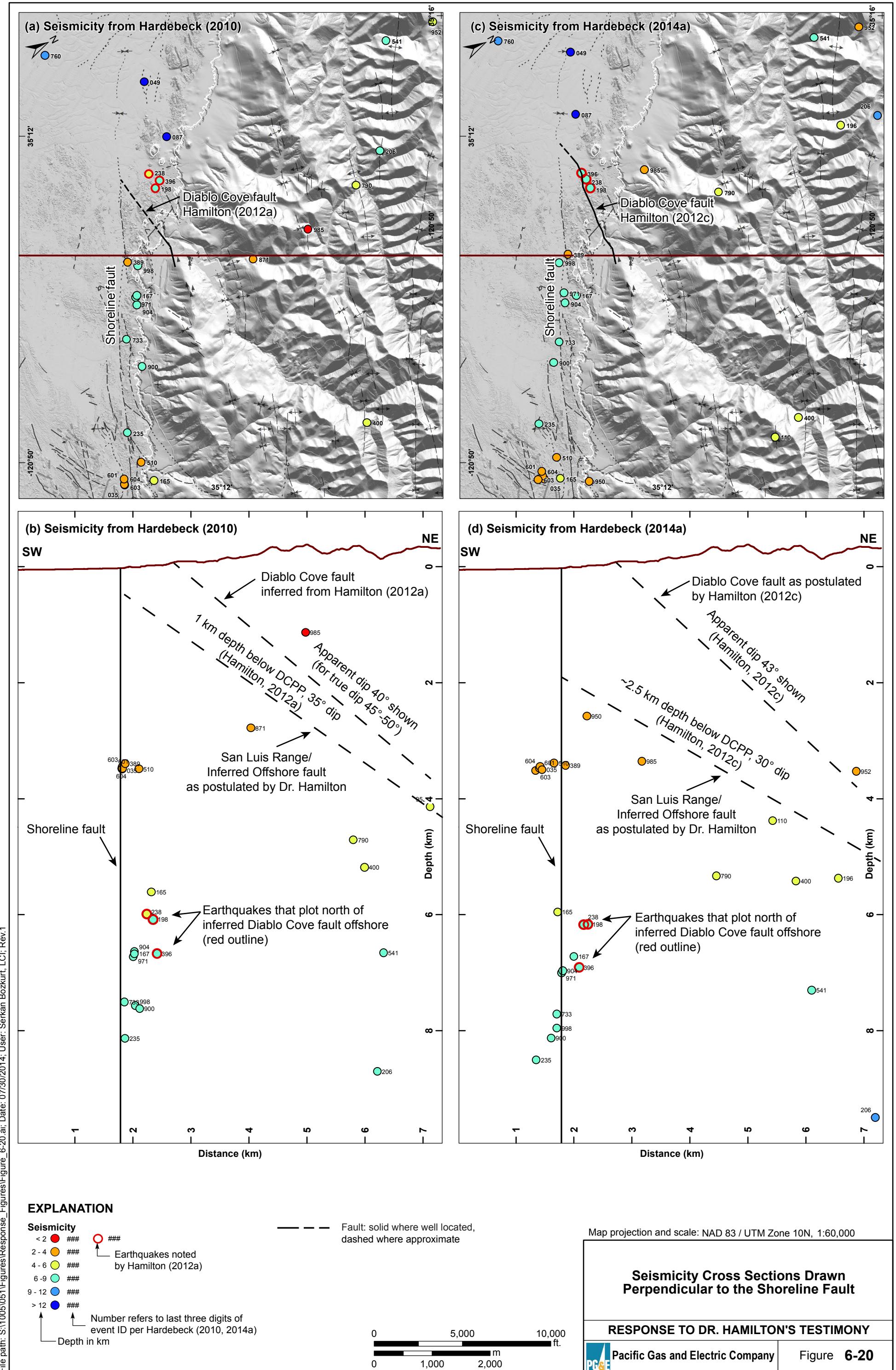
MBES-LiDAR Hillshade Image of the DCPP and Offshore Area: (a) Uninterpreted and (b) Showing the Diablo Cove, Headland, and Shoreline Faults

RESPONSE TO DR. HAMILTON'S TESTIMONY

Pacific Gas and Electric Company | Figure 6-19

Base map: Composite DEM, version 7 (DCPP Geodatabase, 2013). Artificial sunlight azimuth and inclination: (000° / 45°). Vertical exaggeration: 10X





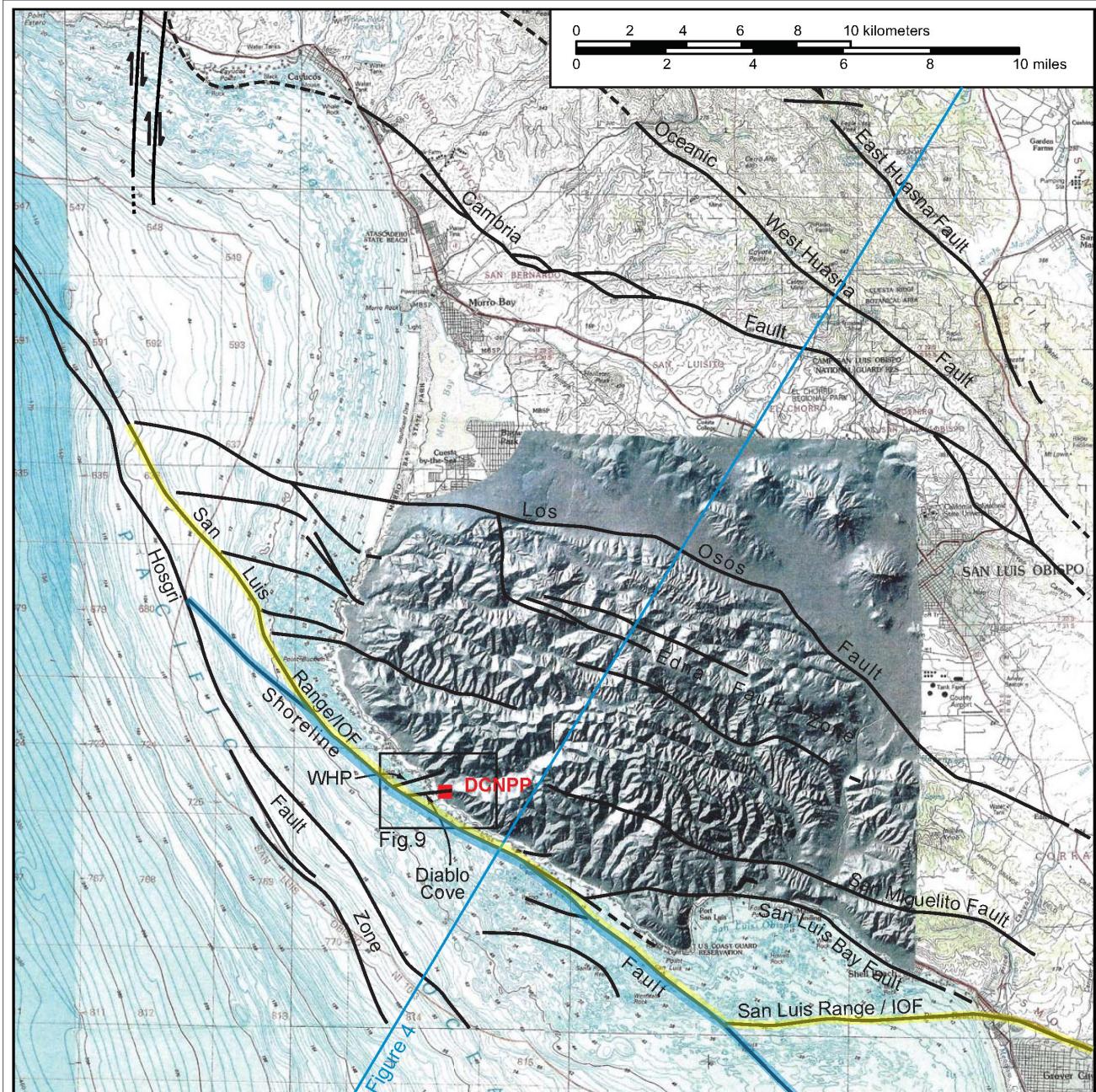


Figure 3. Terrain and faults in the Estero Bay - Irish Hills (Diablo Canyon) - San Luis Obispo region.

Notes: Yellow highlight on San Luis Range / IOF thrust herein referred to as the San Luis Range fault (SLRF) and blue highlight on Shoreline fault added by PG&E to original figure. SLRF thrust interpreted to impinge on the Shoreline fault where the yellow and blue highlights are adjacent.

Source: Figure 3 of Hamilton (2012a).

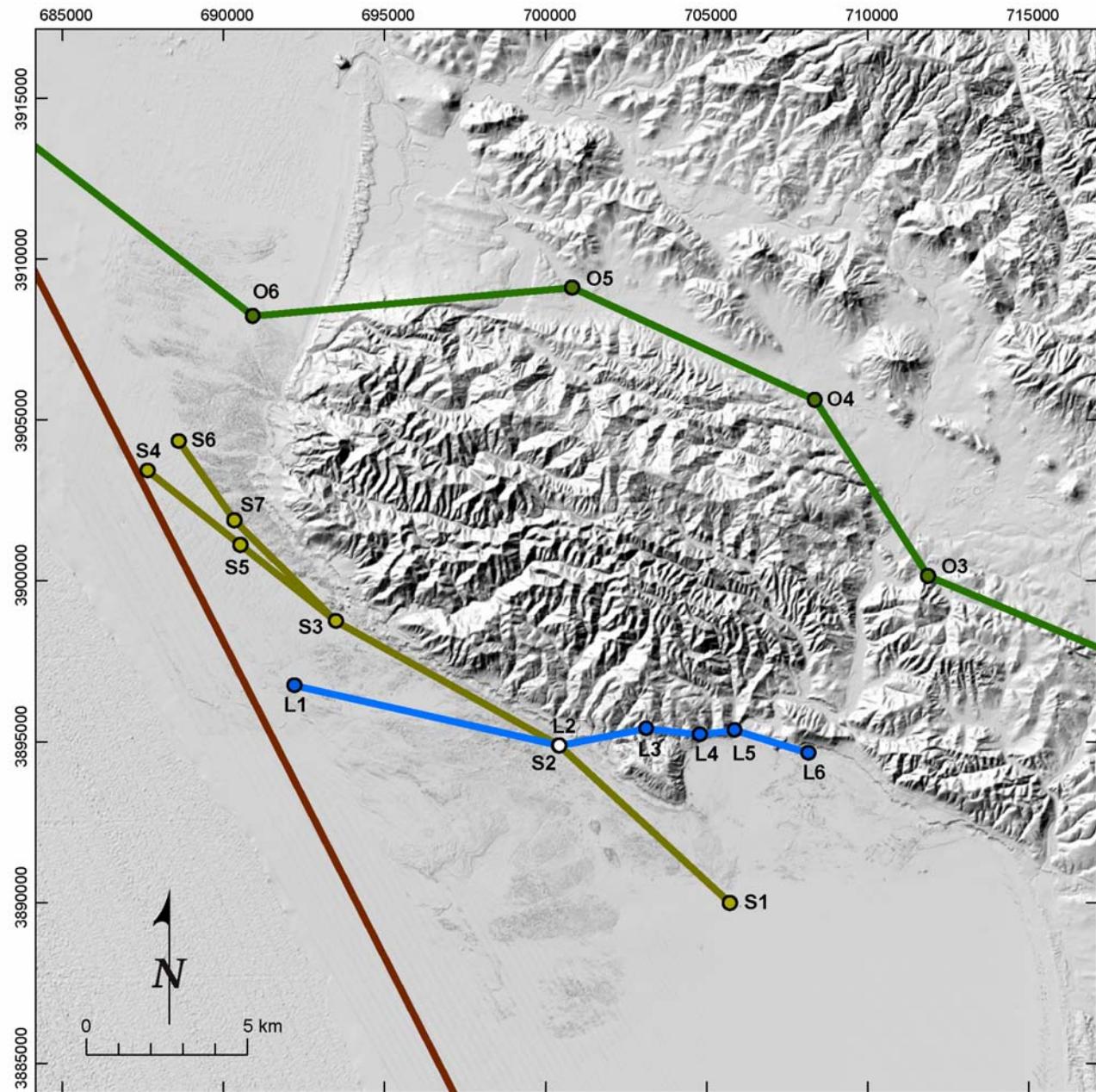
Faults in the Irish Hills and Adjacent Area from Hamilton (2012a), with San Luis Range/IOF Thrust and Shoreline Fault Highlighted

RESPONSE TO DR. HAMILTON'S TESTIMONY



Pacific Gas and Electric Company

Figure 6-21



Legend		
Seismic Sources		
S1	S2	Shoreline
L1	L2	San Luis Bay
O1	O2	Los Osos
 Hosgri		

Source: Figure 5-1 of PG&E (2011).

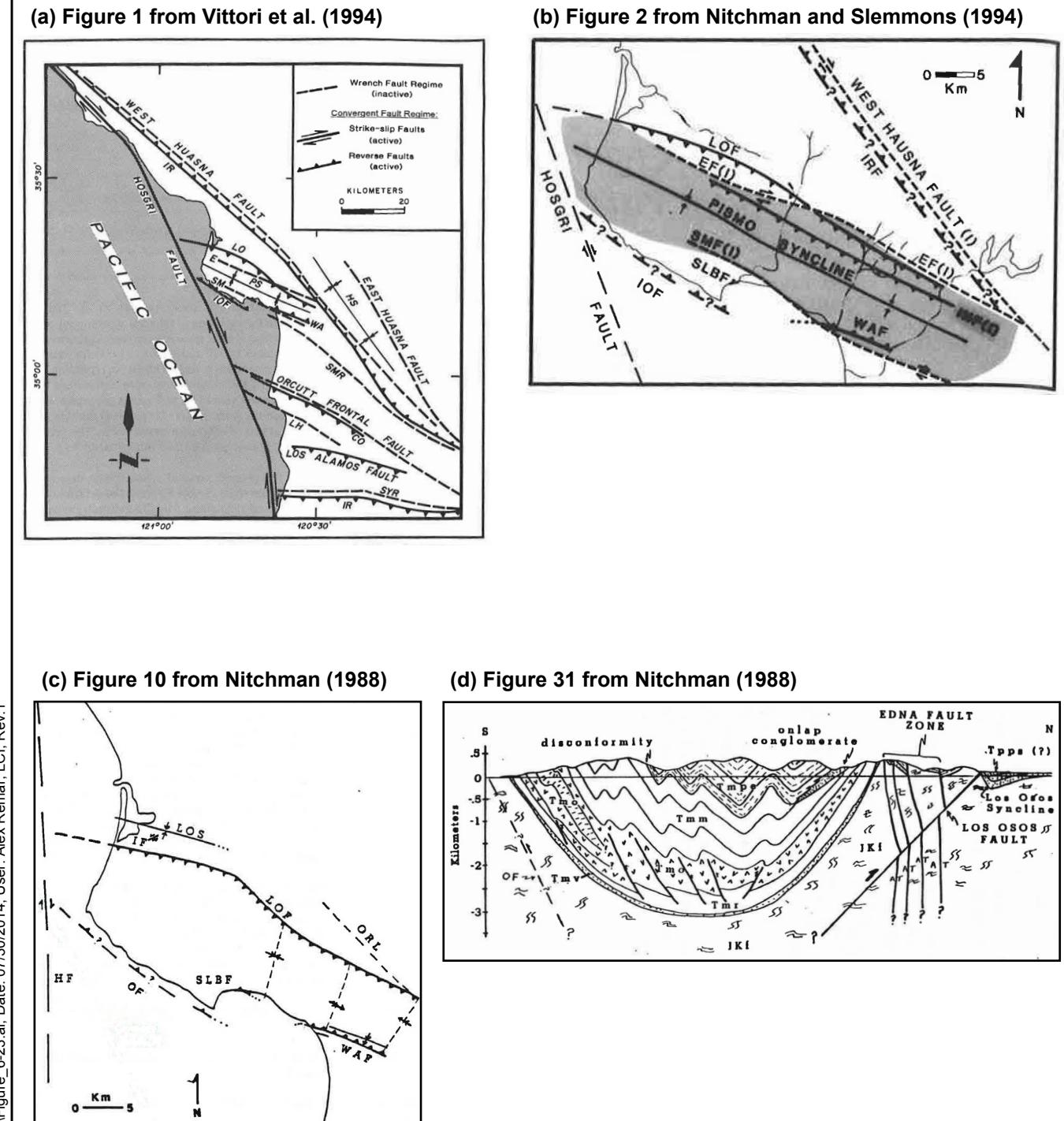
Map of Seismic Sources from PG&E (2011)

RESPONSE TO DR. HAMILTON'S TESTIMONY



Pacific Gas and Electric Company

Figure 6-22



Previous Interpretations of the Inferred Offshore Fault (IOF)

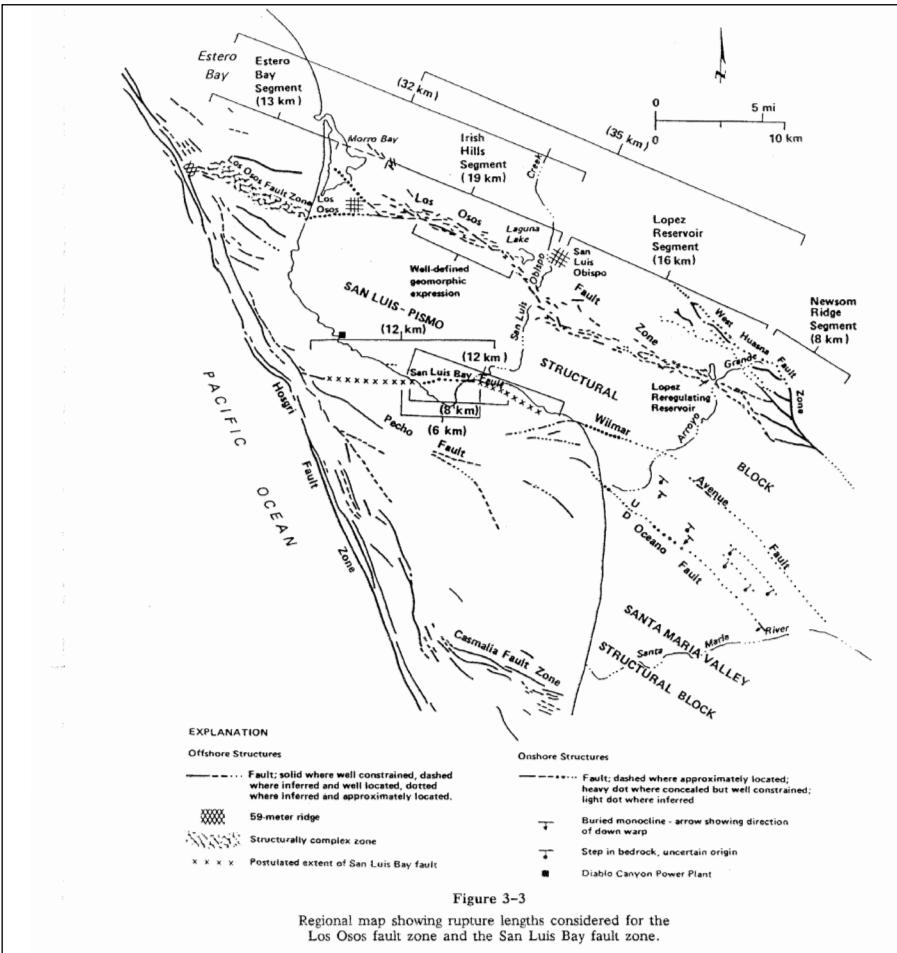
RESPONSE TO DR. HAMILTON'S TESTIMONY



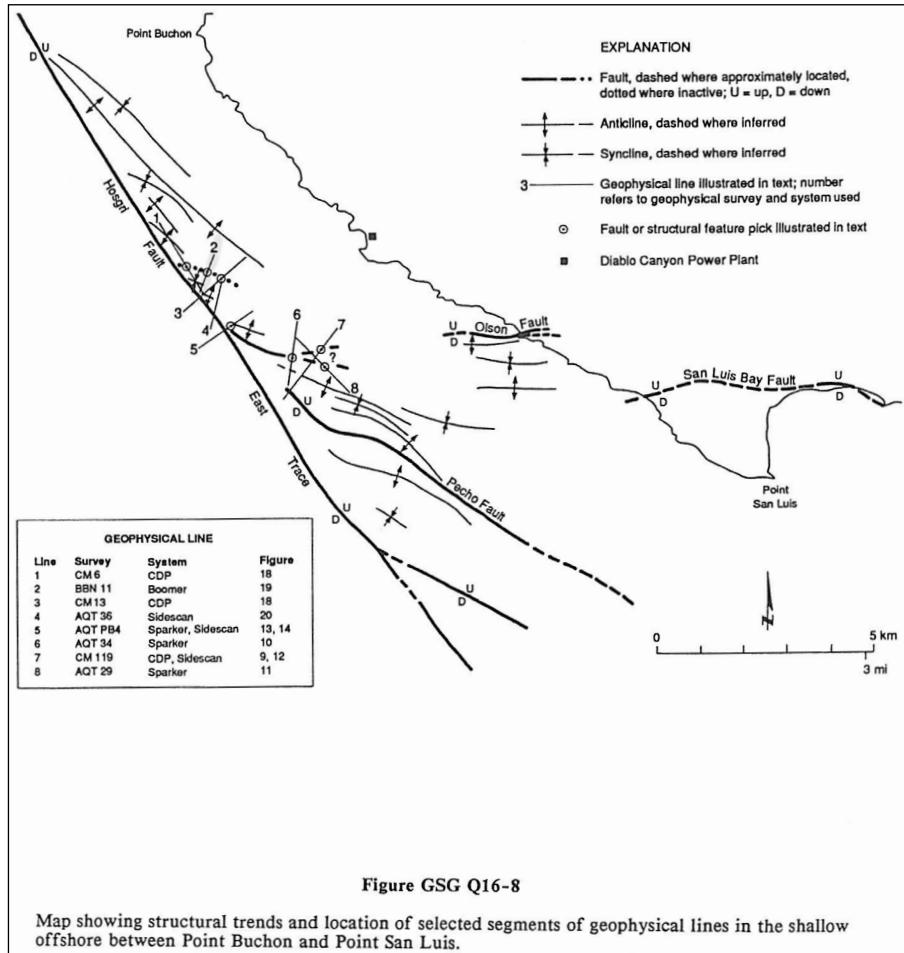
Pacific Gas and Electric Company

Figure 6-23

(a) From PG&E (1988)



(b) From PG&E (1990)



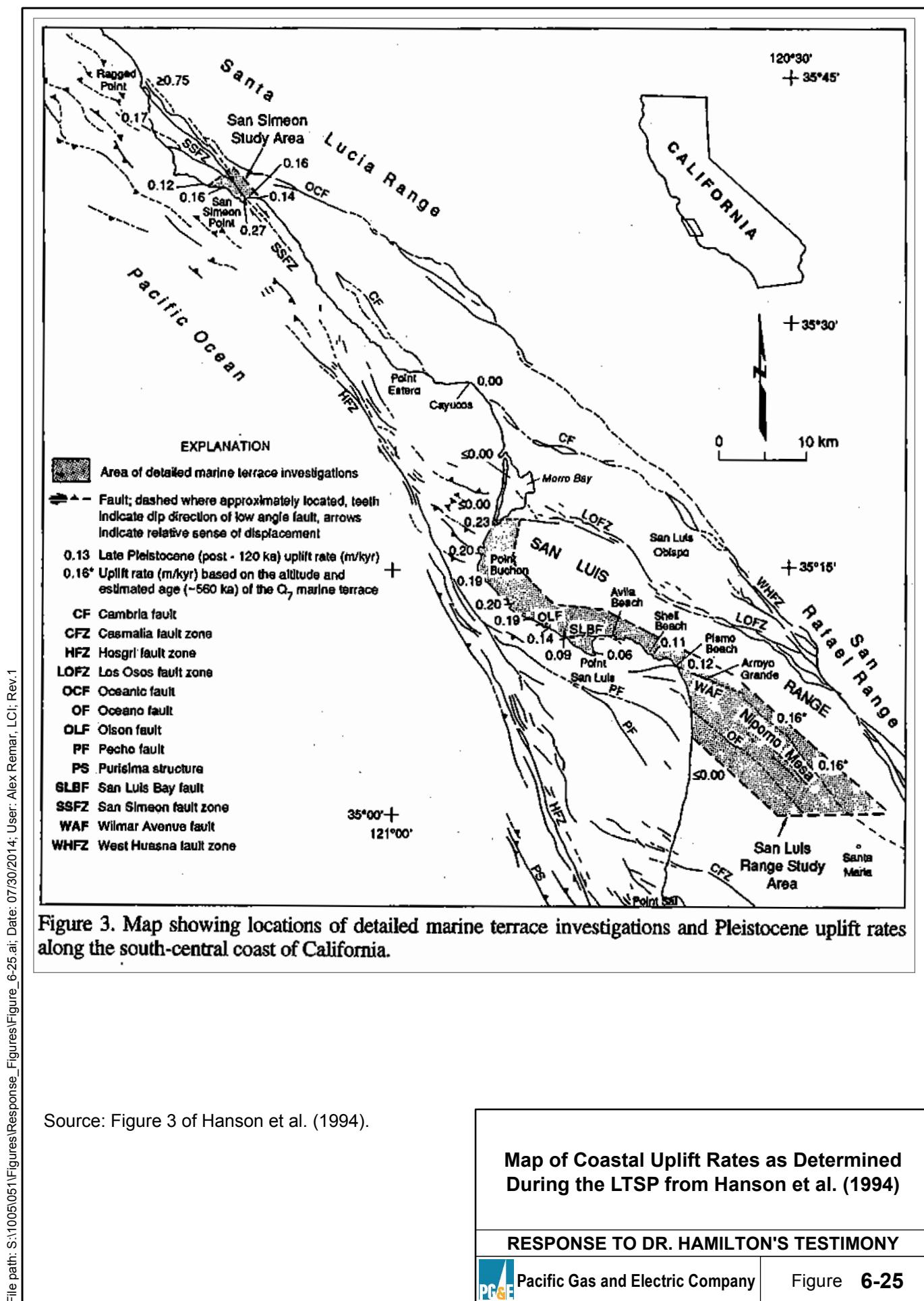
Onshore Faults Comprising the San Luis Bay Fault Zone and Offshore Faults and Folds East of the Hosgi Fault Zone

RESPONSE TO DR. HAMILTON'S TESTIMONY



Pacific Gas and Electric Company

Figure 6-24



Source: Figure 3 of Hanson et al. (1994).

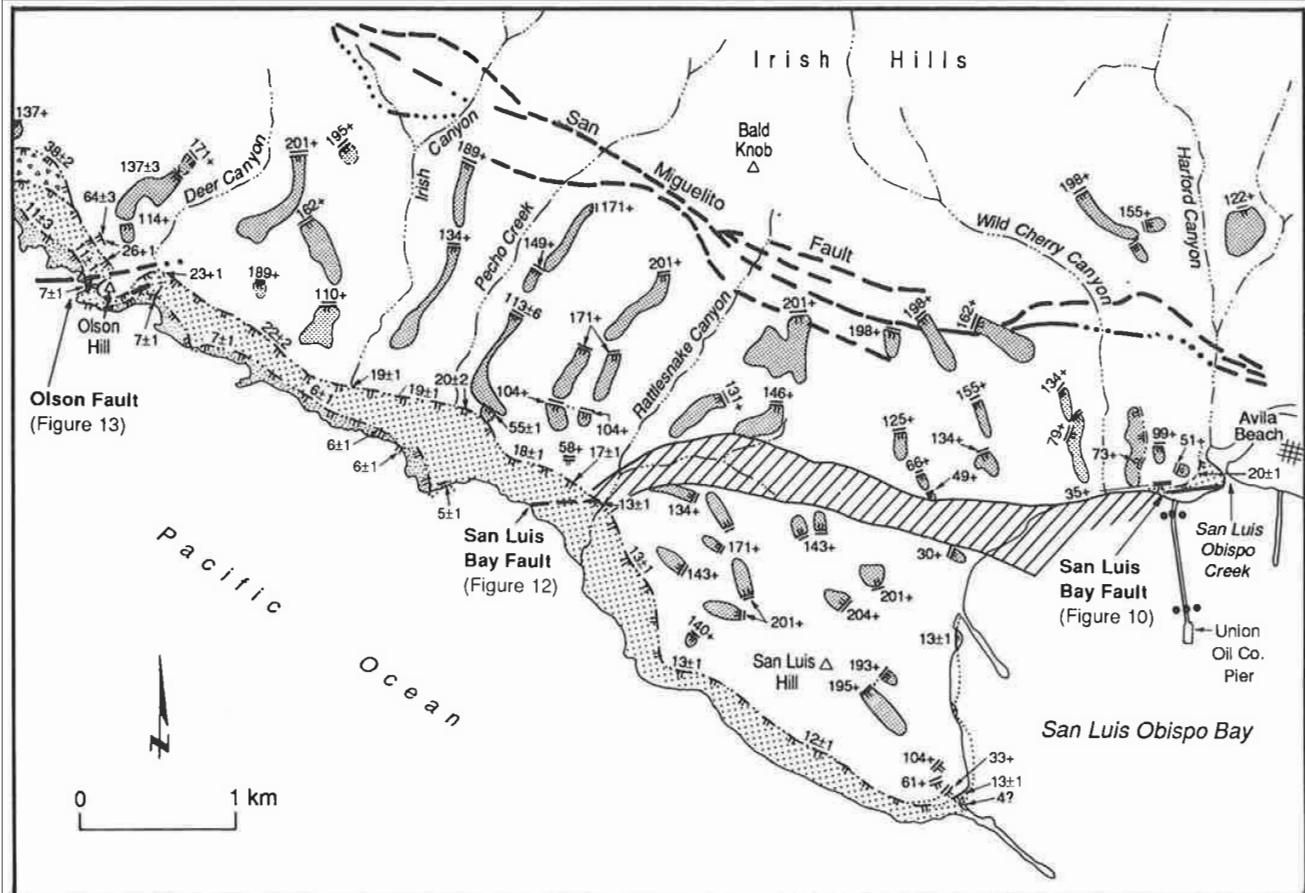
Map of Coastal Uplift Rates as Determined During the LTSP from Hanson et al. (1994)

RESPONSE TO DR. HAMILTON'S TESTIMONY



Pacific Gas and Electric Company

Figure 6-25



EXPLANATION

	Shoreline angle of marine platform: dashed where buried, dotted where eroded, double bar where associated with stripped platform (altitude in meters)
	Fault: dashed where approximately located, dotted where concealed or inferred
	Zone within which the trace of the San Luis Bay fault is constrained

	Q ₁ wave-cut platform (80 or 105 ka)
	Q ₂ wave-cut platform (120 ka)
	Q ₃ wave-cut platform (210 ka)
	Q ₄₋₁₂ wave-cut platform (>330 ka)

Figure 9. Quaternary geologic map of Point San Luis area showing distribution of marine terrace wave-cut platforms in the vicinity of the San Luis Bay and Olson faults. The two faults vertically displace the Q1 and Q2 marine terraces (Fig. 5).

Source: Figure 9 of Lettis et al. (1994).

Map of the San Luis Bay Fault Zone from Lettis et al. (1994)

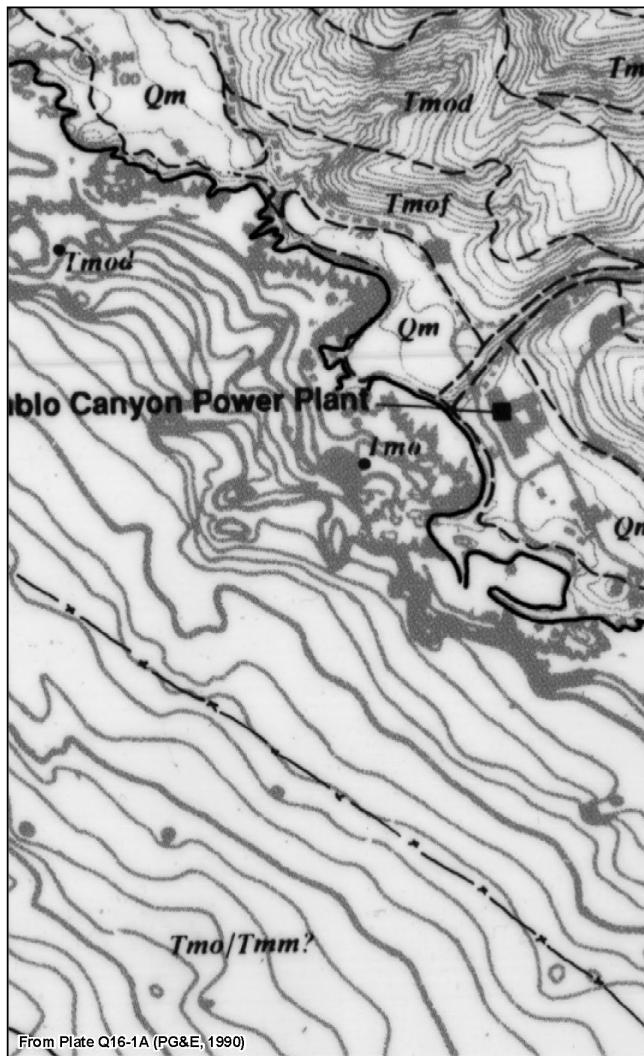
RESPONSE TO DR. HAMILTON'S TESTIMONY



Pacific Gas and Electric Company

Figure 6-26

(a) From Plate Q16-1A (PG&E, 1990)

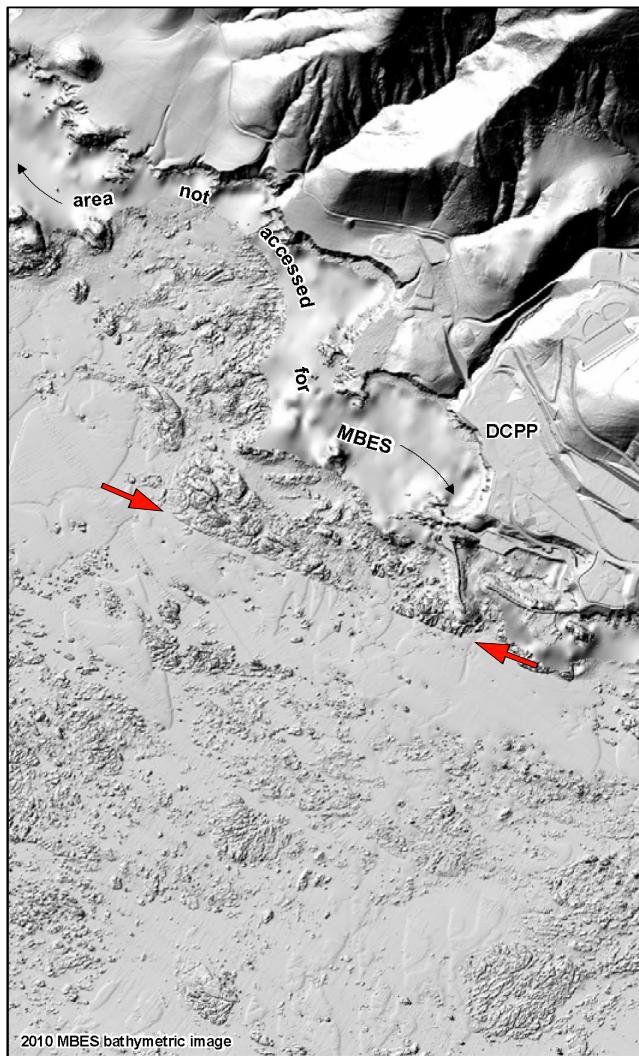


EXPLANATION

- x — Inshore limit of marine geophysical data coverage.
- Location of Shoreline fault mapped by PG&E (added to the original figure).

Source: PG&E (2011).

(b) 2010 MBES bathymetric image



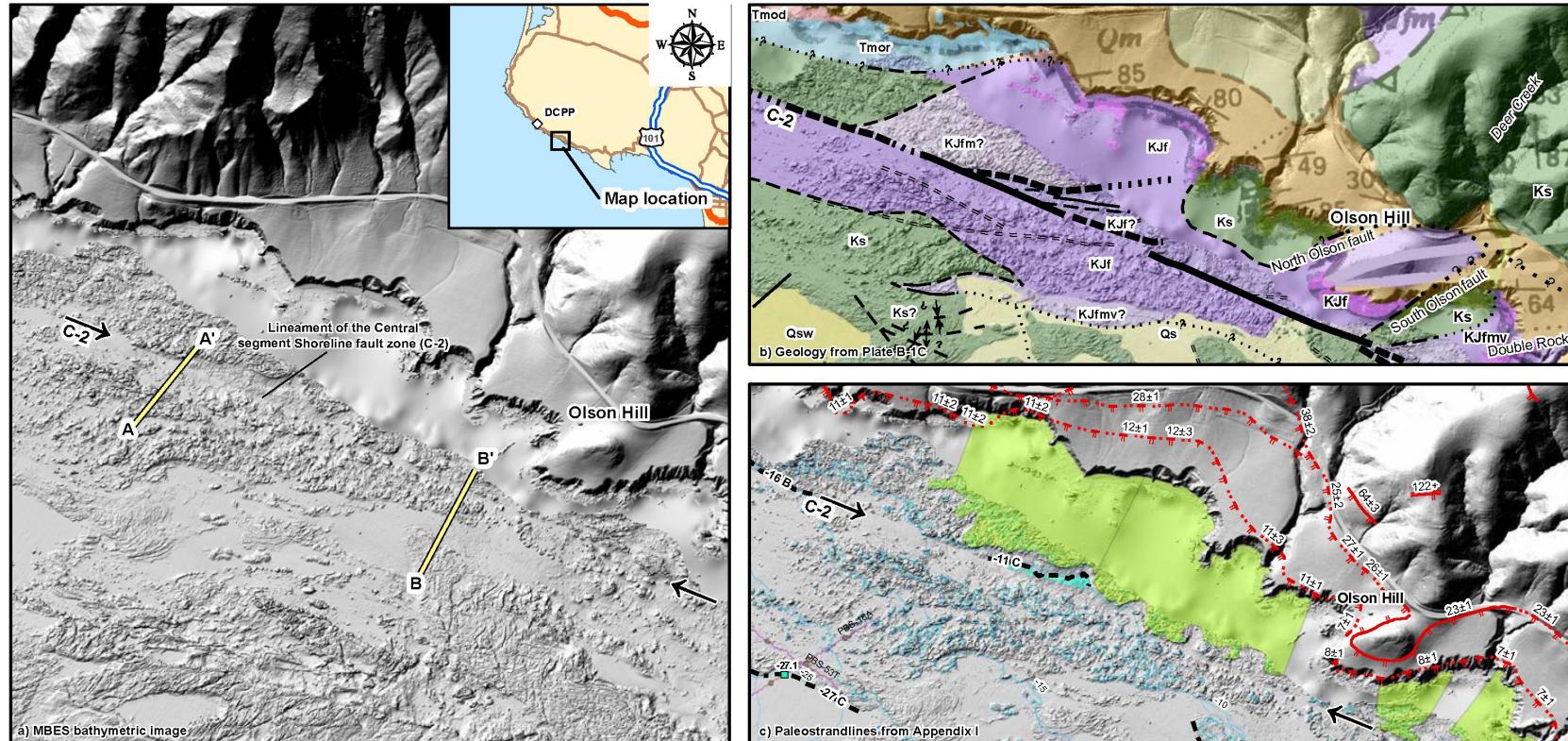
Map of Available Bathymetry (a) During the LTSP and (b) During the Shoreline Fault Investigation

RESPONSE TO DR. HAMILTON'S TESTIMONY

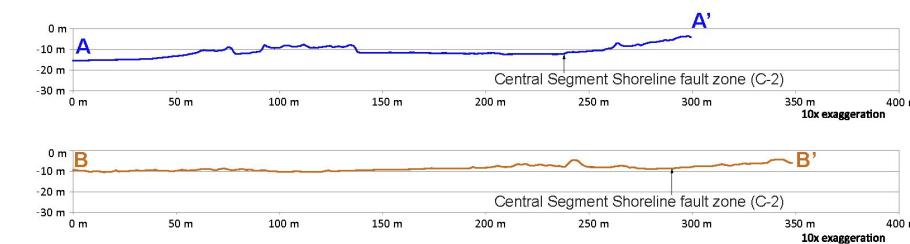


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Figure 6-27



Note: See legend on Plate 1 for geology and Appendix I Plate I-1A for paleostrandlines



Source: Figure 4-13 of PG&E (2011).

Maps and Profiles of the Central Segment of the Shoreline Fault from PG&E (2011)

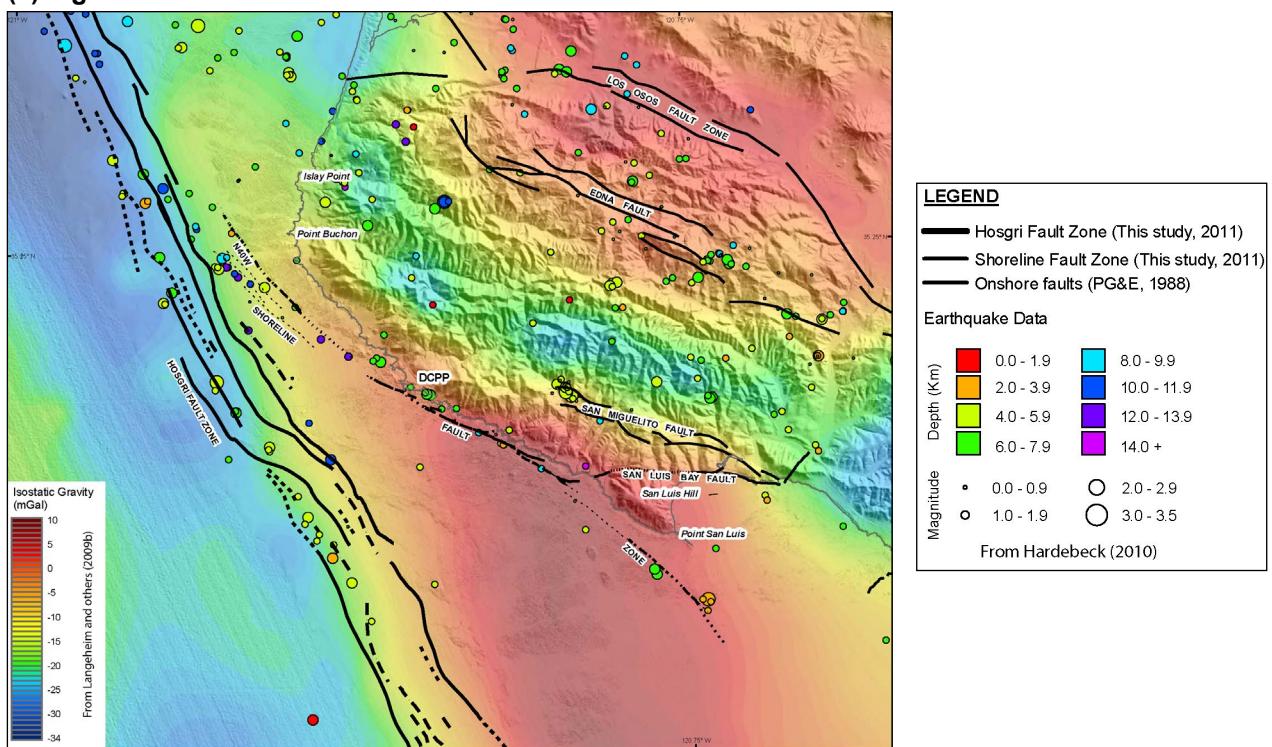
RESPONSE TO DR. HAMILTON'S TESTIMONY



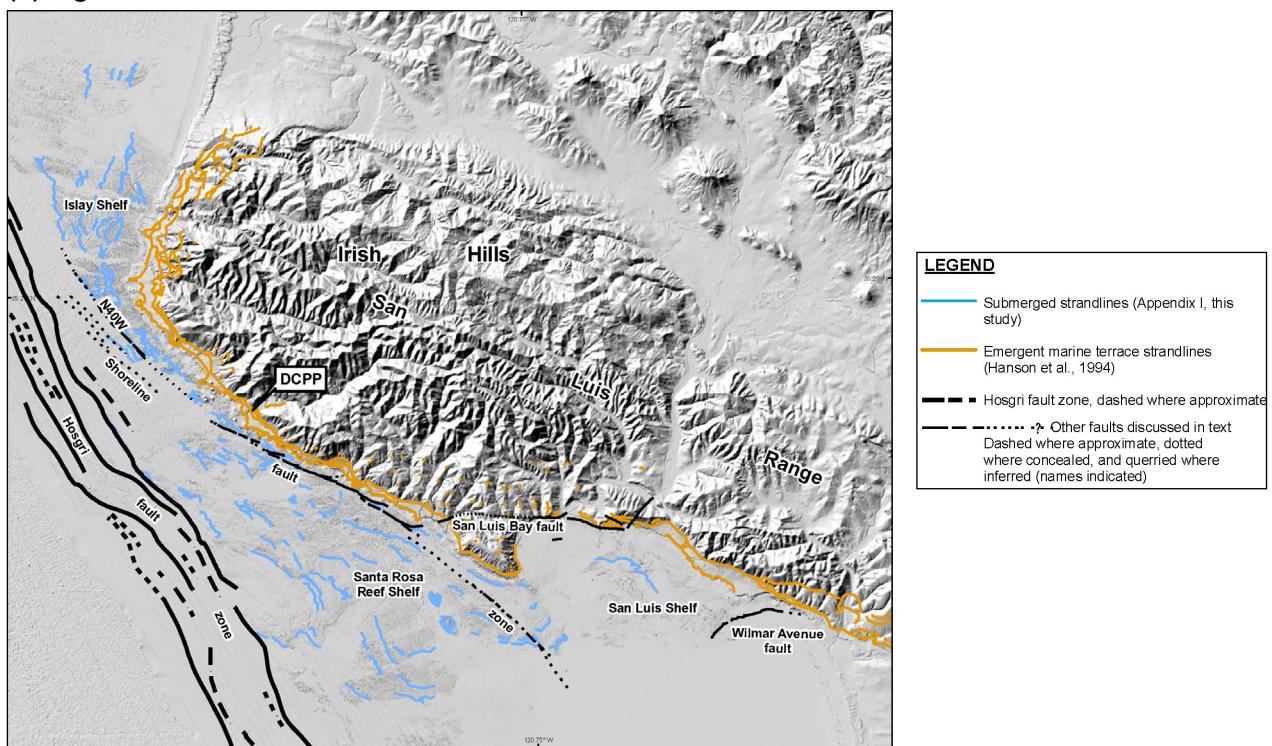
Pacific Gas and Electric Company

Figure 6-28

(a) Figure 4-16



(b) Figure 4-12



Source: Figures 4-16 and 4-12 of PG&E (2011).

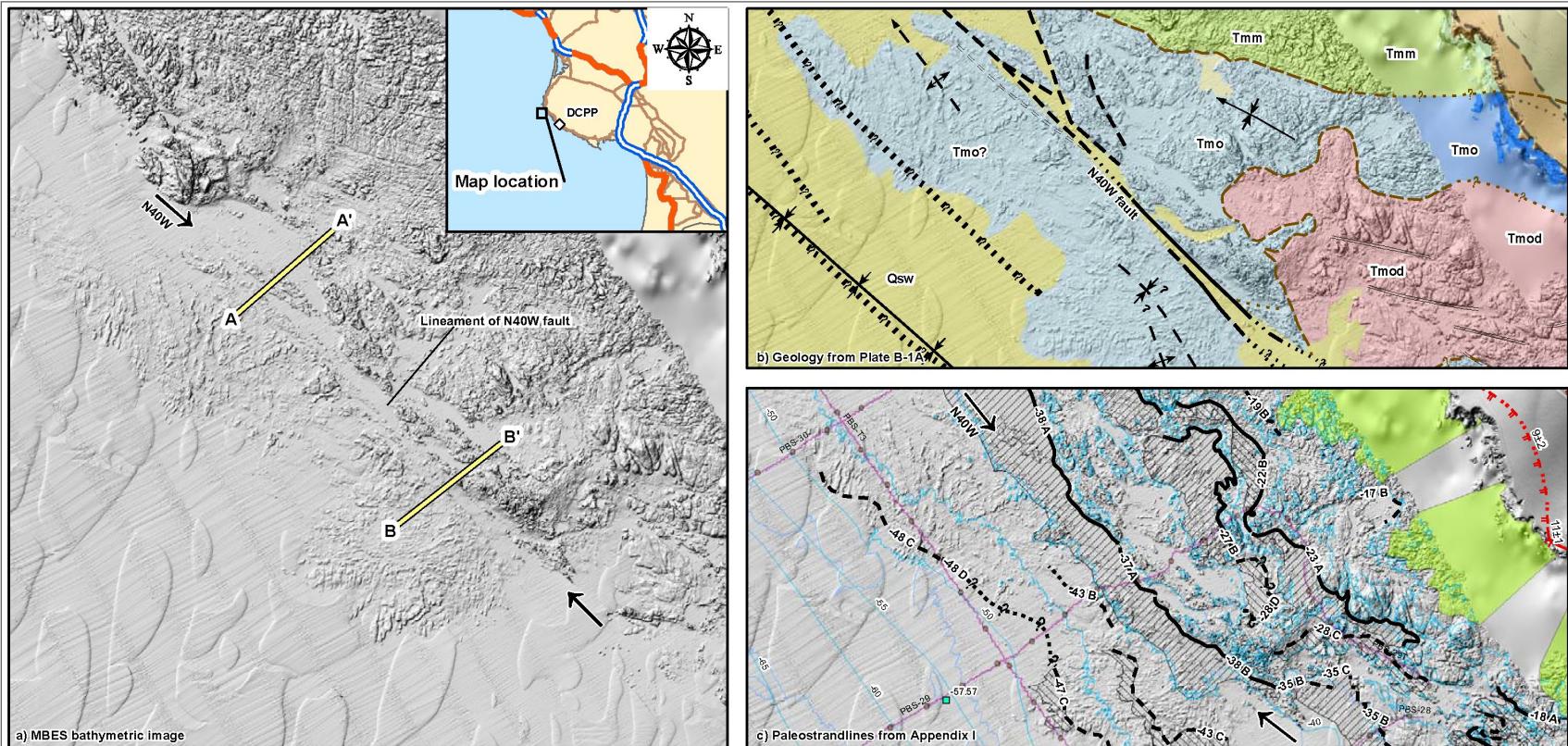
Maps Showing the Shoreline and N40W Faults with Bathymetric and other Geophysical and Geomorphic Data from PG&E (2011)

RESPONSE TO DR. HAMILTON'S TESTIMONY

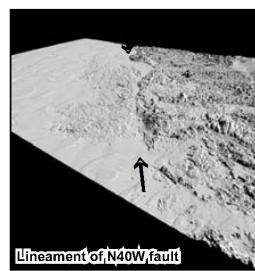
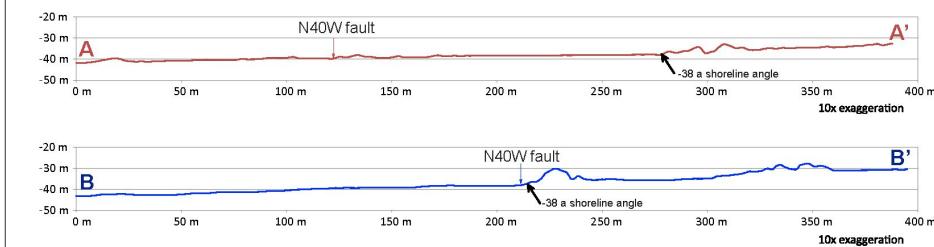


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Figure 6-29



Note: See legend on Plate 1 for geology and Appendix I Plate I-1A for paleostrandlines



Source: Figure 4-9 of PG&E (2011).

Maps and Profiles of the N40W Fault, Later Renamed the East Branch of the Point Buchon Fault, from PG&E (2011)

RESPONSE TO DR. HAMILTON'S TESTIMONY



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Figure 6-30

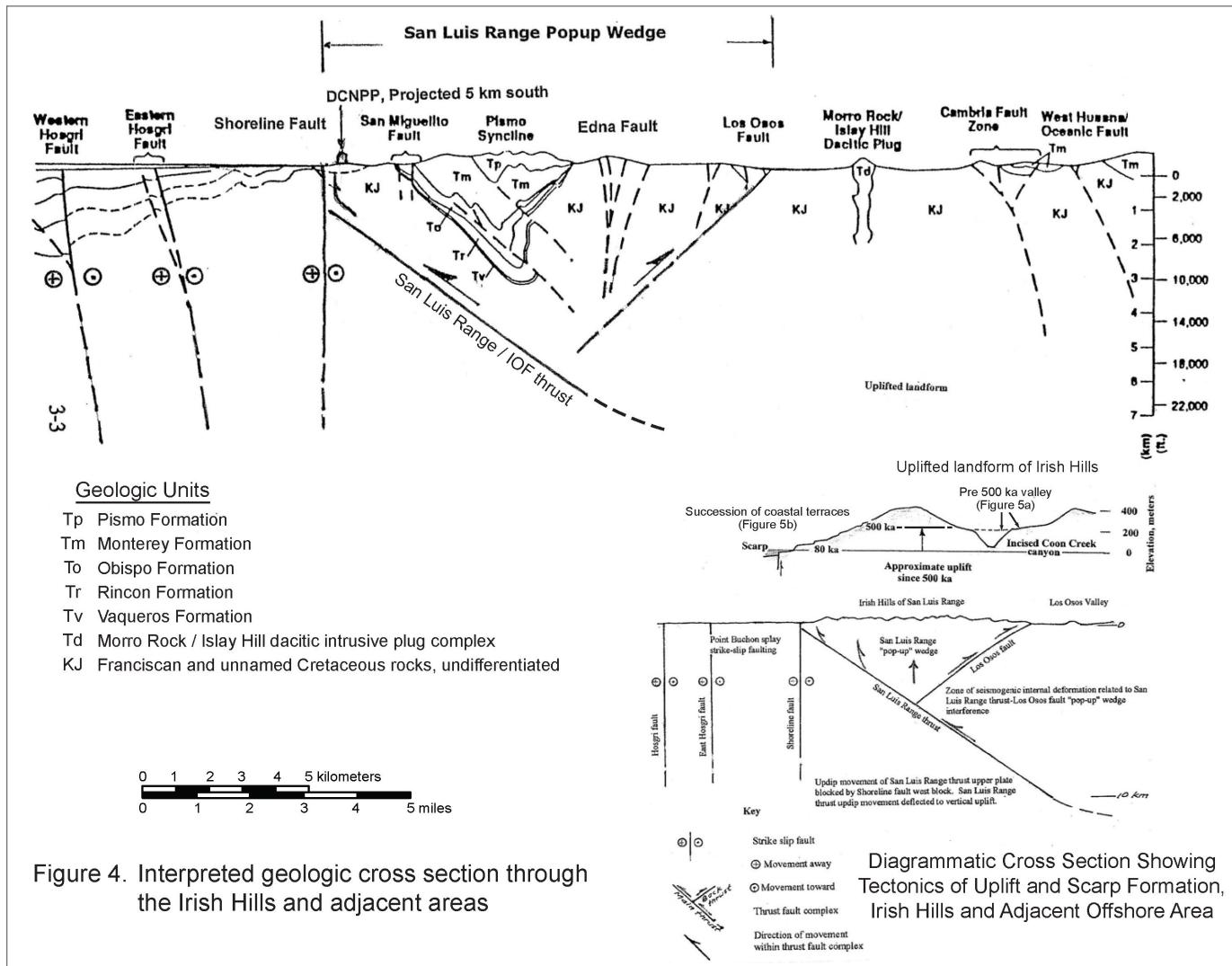


Figure 4. Interpreted geologic cross section through the Irish Hills and adjacent areas

Source: Figure 4 of Hamilton (2012c).

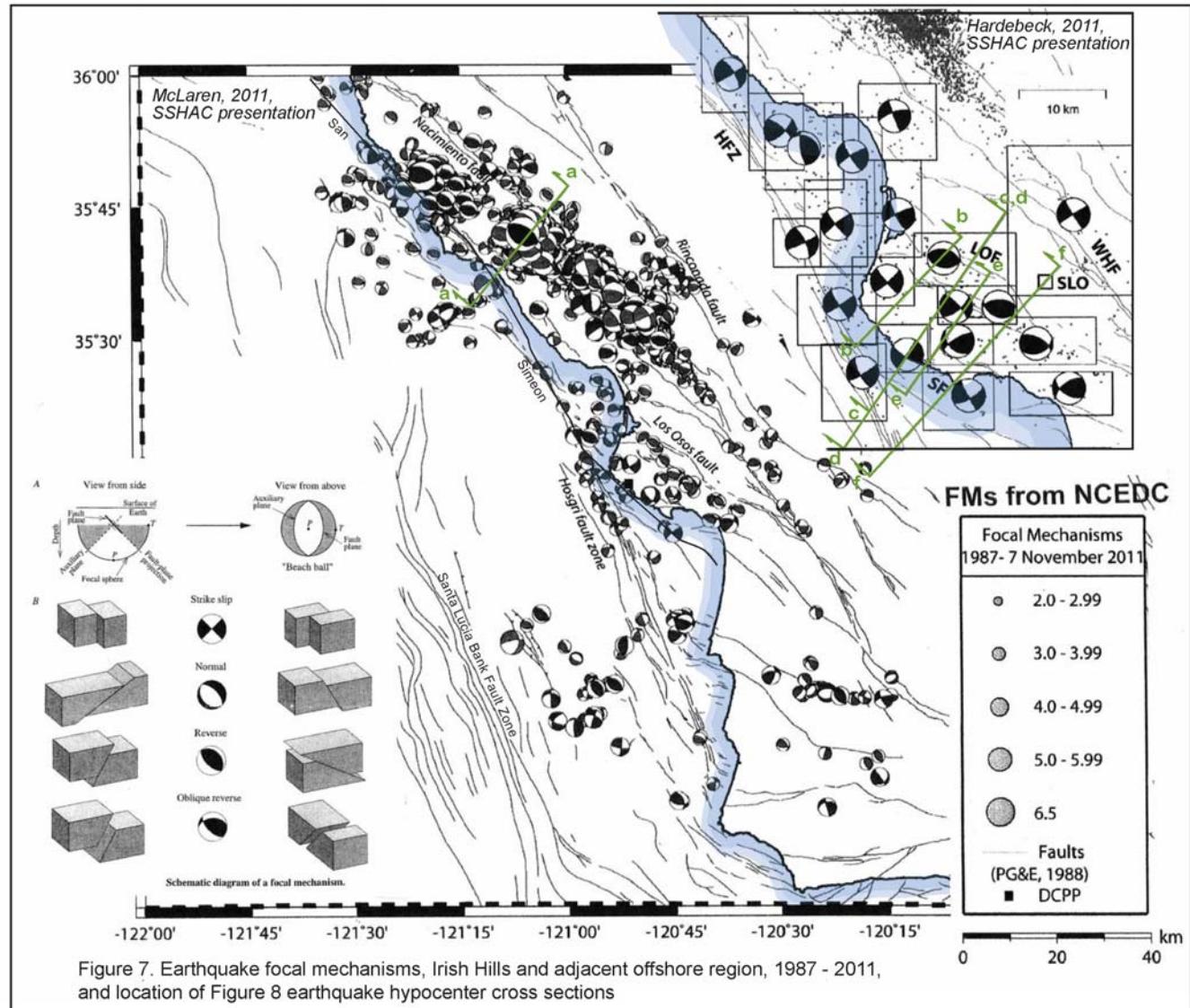
Geologic Cross Sections Showing the Interpreted San Luis Range/IOF Thrust from Hamilton (2012c)

RESPONSE TO DR. HAMILTON'S TESTIMONY



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Figure 6-31



Source: Figure 7 of Hamilton (2012a).

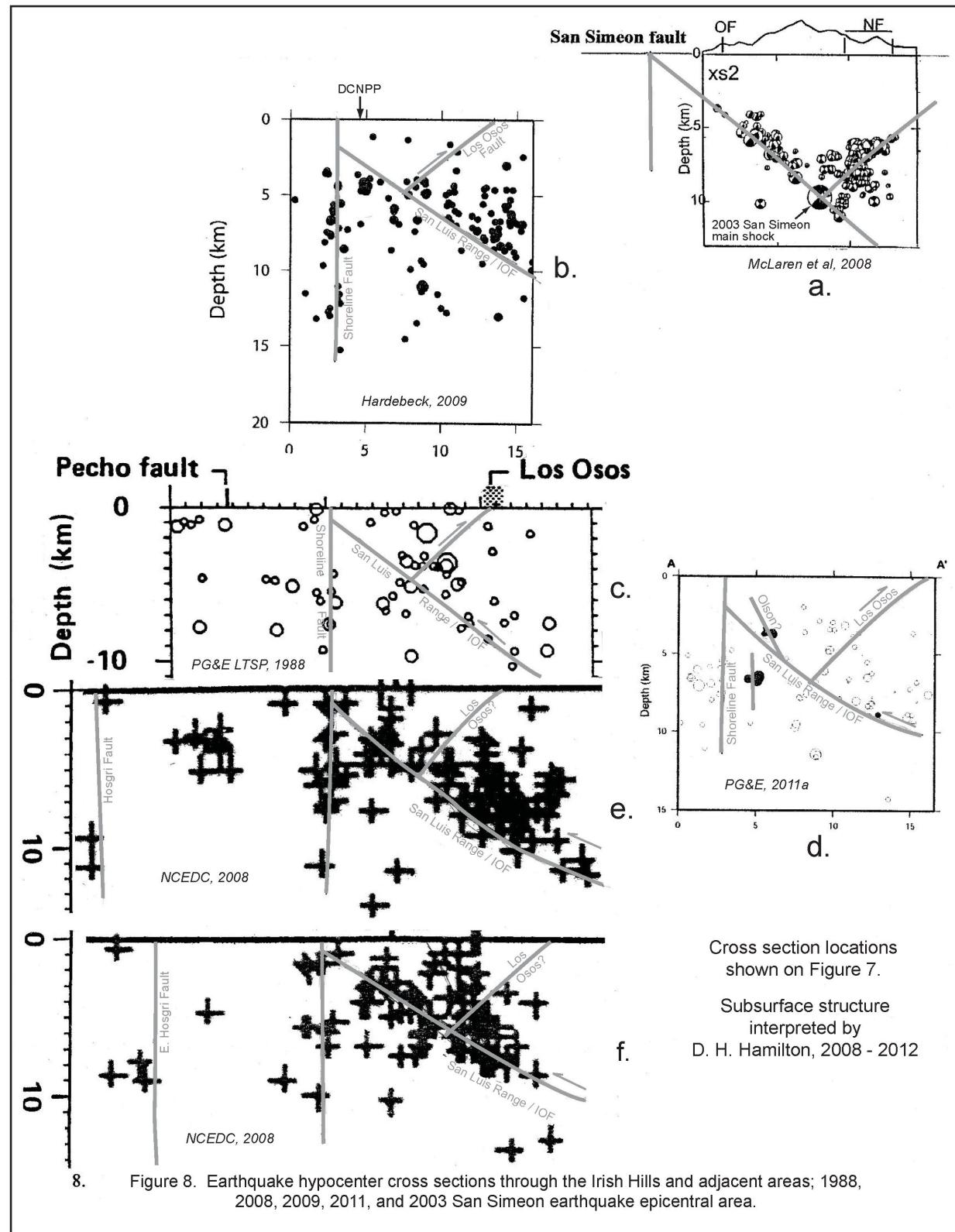
Earthquake Focal Mechanisms, Epicenters, and Seismicity Profile Locations from Hamilton (2012a)

RESPONSE TO DR. HAMILTON'S TESTIMONY



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Figure 6-32



Source: Figure 8 of Hamilton (2012a).

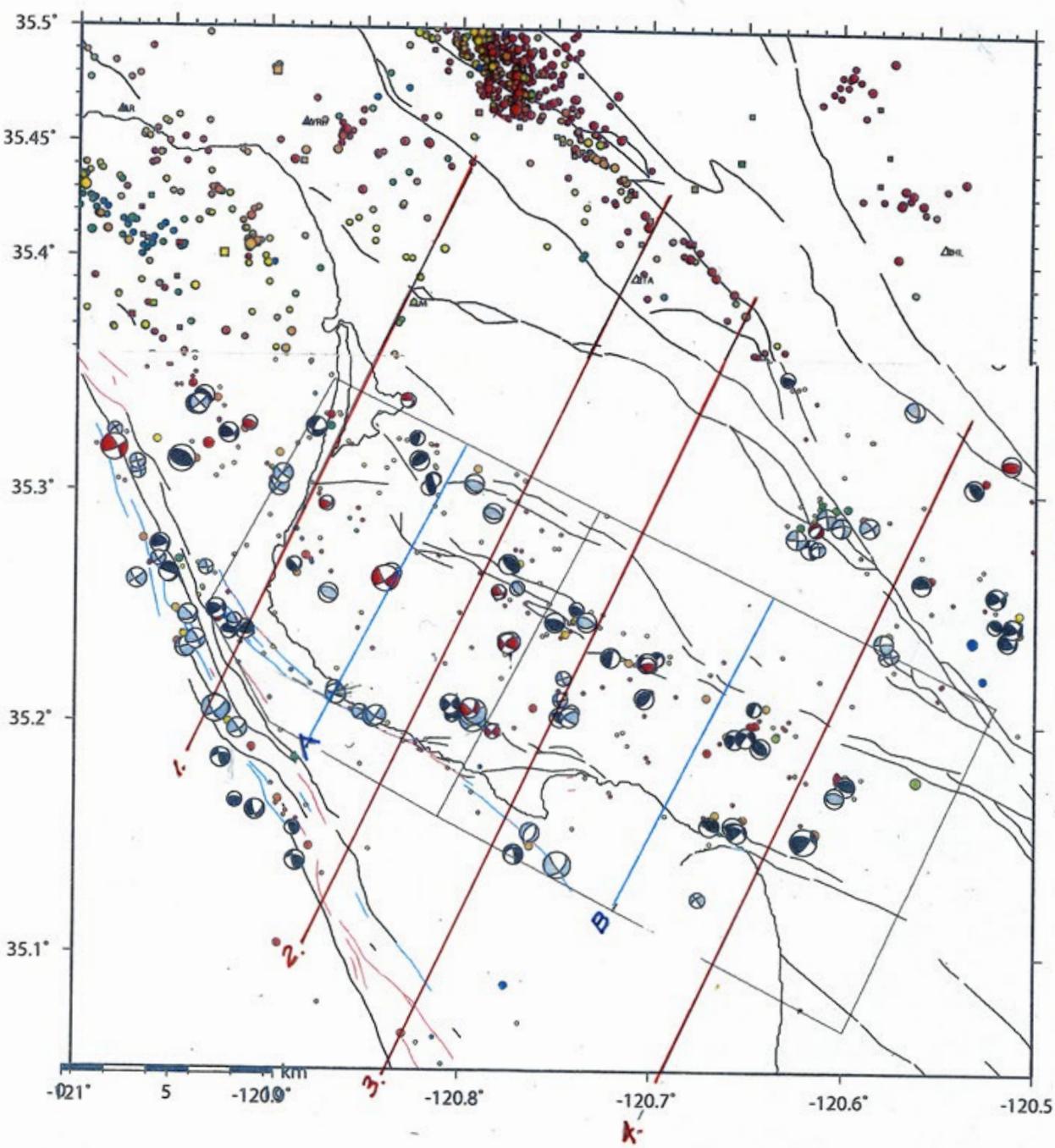
Seismicity Cross Sections from Hamilton (2012a)

RESPONSE TO DR. HAMILTON'S TESTIMONY



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Figure 6-33



13 Epicenters and locations of seismicity cross sections, Irish Hills and vicinity

Source: Figure 13 of Hamilton (2012c).

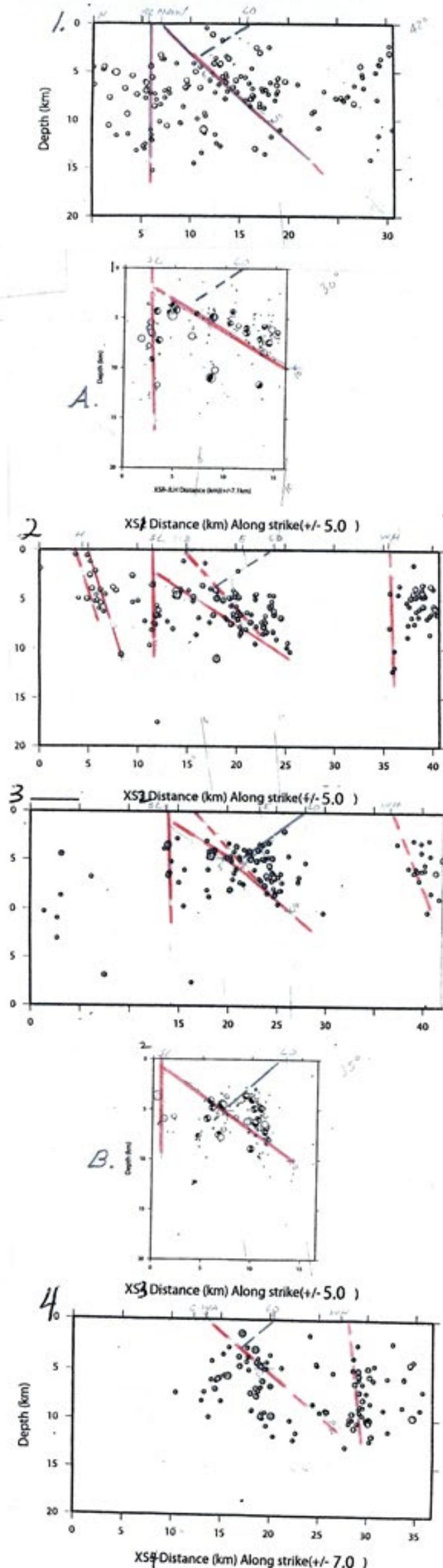
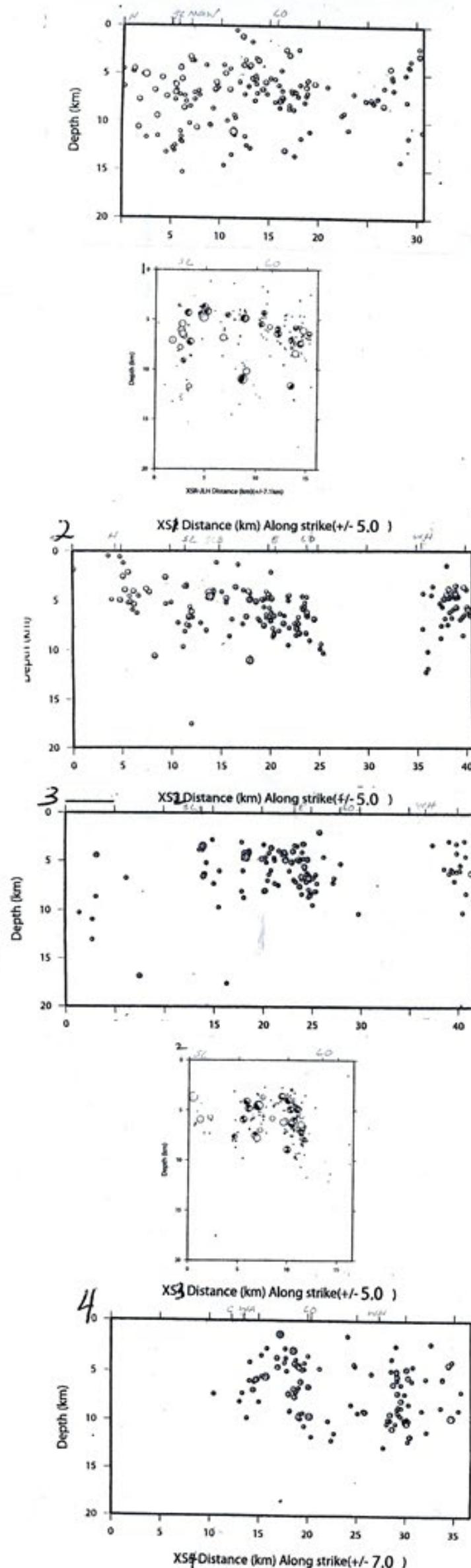
**Earthquakes Epicenters, Focal Mechanisms,
and Locations of Seismicity Profiles
from Hamilton (2012c)**

RESPONSE TO DR. HAMILTON'S TESTIMONY



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Figure 6-34



14 Cross Section Plots of earthquake hypocenters, Irish Hills and vicinity

Source: Figure 14 of Hamilton (2012c).

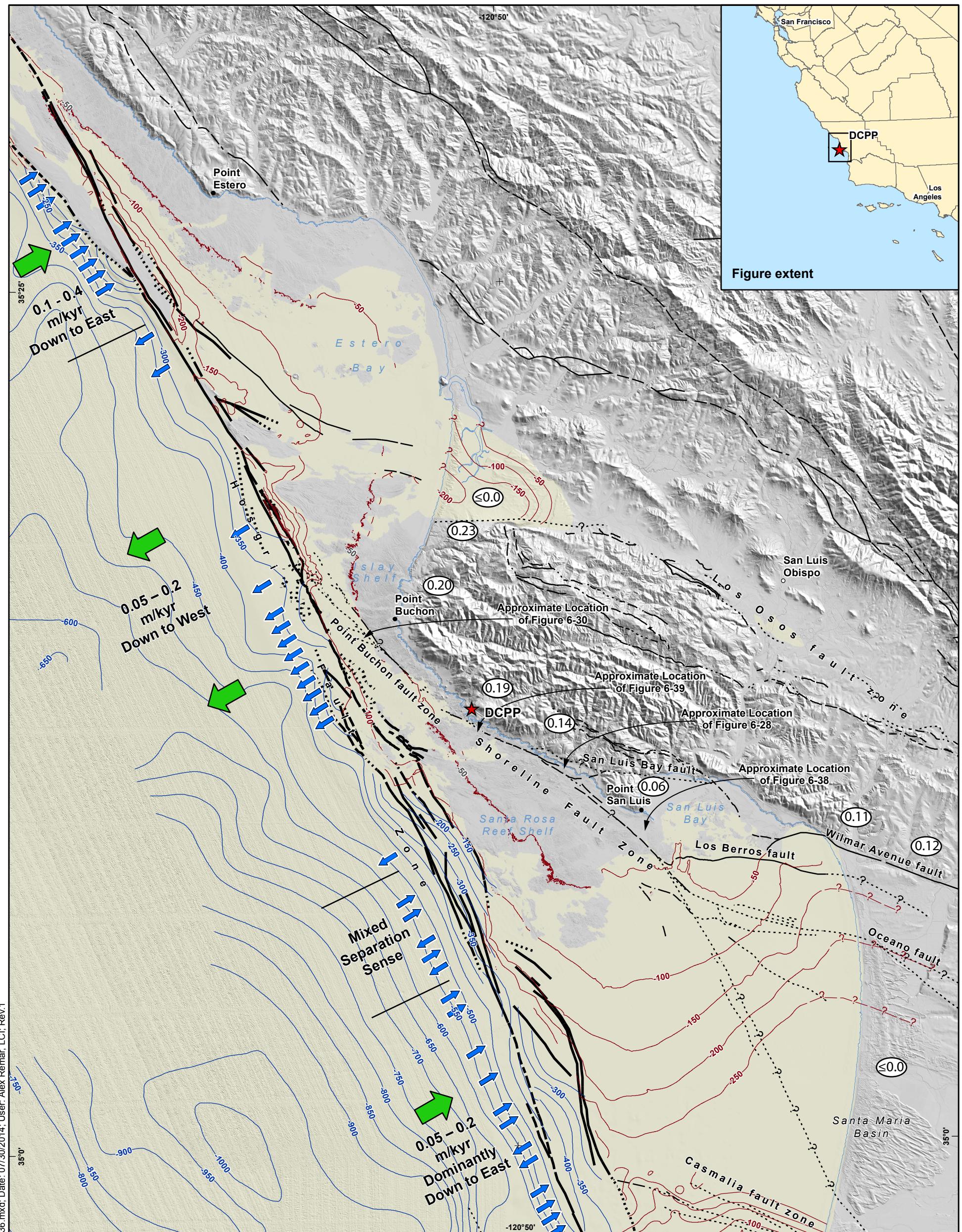
**Seismicity Cross Sections
from Hamilton (2012c)**

RESPONSE TO DR. HAMILTON'S TESTIMONY



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Figure 6-35



EXPLANATION

- ★ DCPP
- -?— Quaternary fault: solid where well located, dashed where approximately located, dotted where concealed, short dashed where inferred, queried where existence uncertain. Heavy lines are traces of the Hosgri fault zone.
- Contours on early-late Pliocene unconformity (ELP) Meters below sea level
- Contours on top of Pre-Quaternary Rock Meters below sea level
- [Yellow Box] Quaternary sedimentary basins

Measurement location, arrow head indicates downthrown direction.

0.05-0.2 Range of late Quaternary vertical separation rates (m/kyr). Arrow indicates downthrown direction.

(0.11) Late Quaternary uplift rate in m/kyr (modified from Hanson et al. (1994))

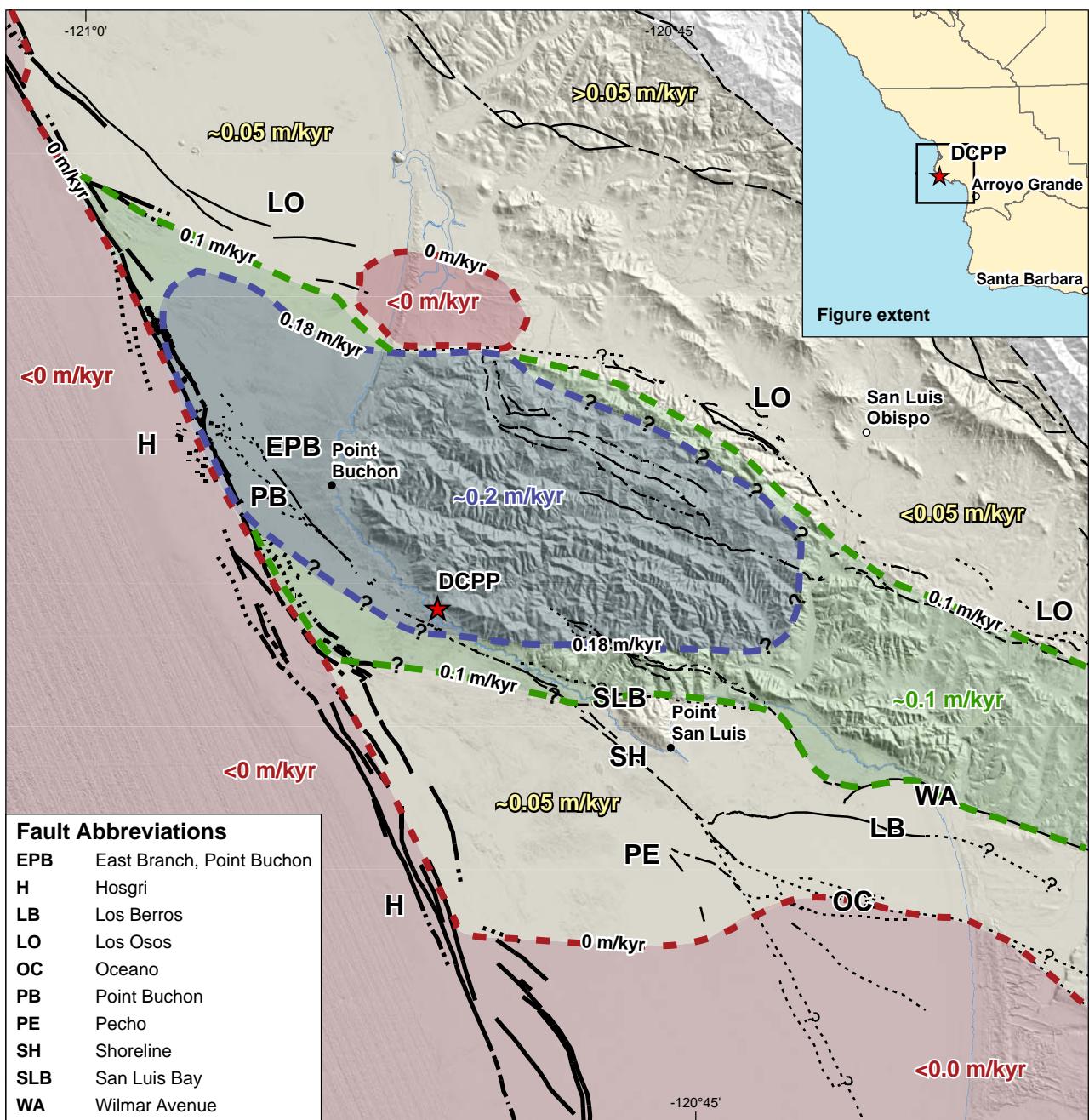
Notes:
 - Selected offshore faults compiled from PG&E (2011, 2013, and 2014).
 - Separation rate data modified from PG&E (2013, 2014)
 - Contours on ELP from Willingham et al. (2013)

N 0 4 8 mi.
0 6 12 km

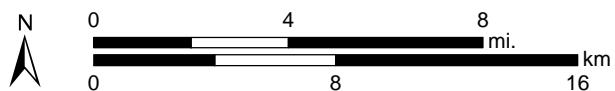
Map projection and scale: WGS 84 / UTM Zone 10N, 1:200,000

Quaternary Faults and Sedimentary Basins in the Vicinity of the San Luis Range

RESPONSE TO DR. HAMILTON'S TESTIMONY



Note: Approximately located contours of constant late Quaternary uplift rate, in m/kyr, based on information from PG&E (1988, 2013, 2014c) and AMEC (2012).



Map Projection: NAD 83 / UTM Zone 10N, 1:250,000

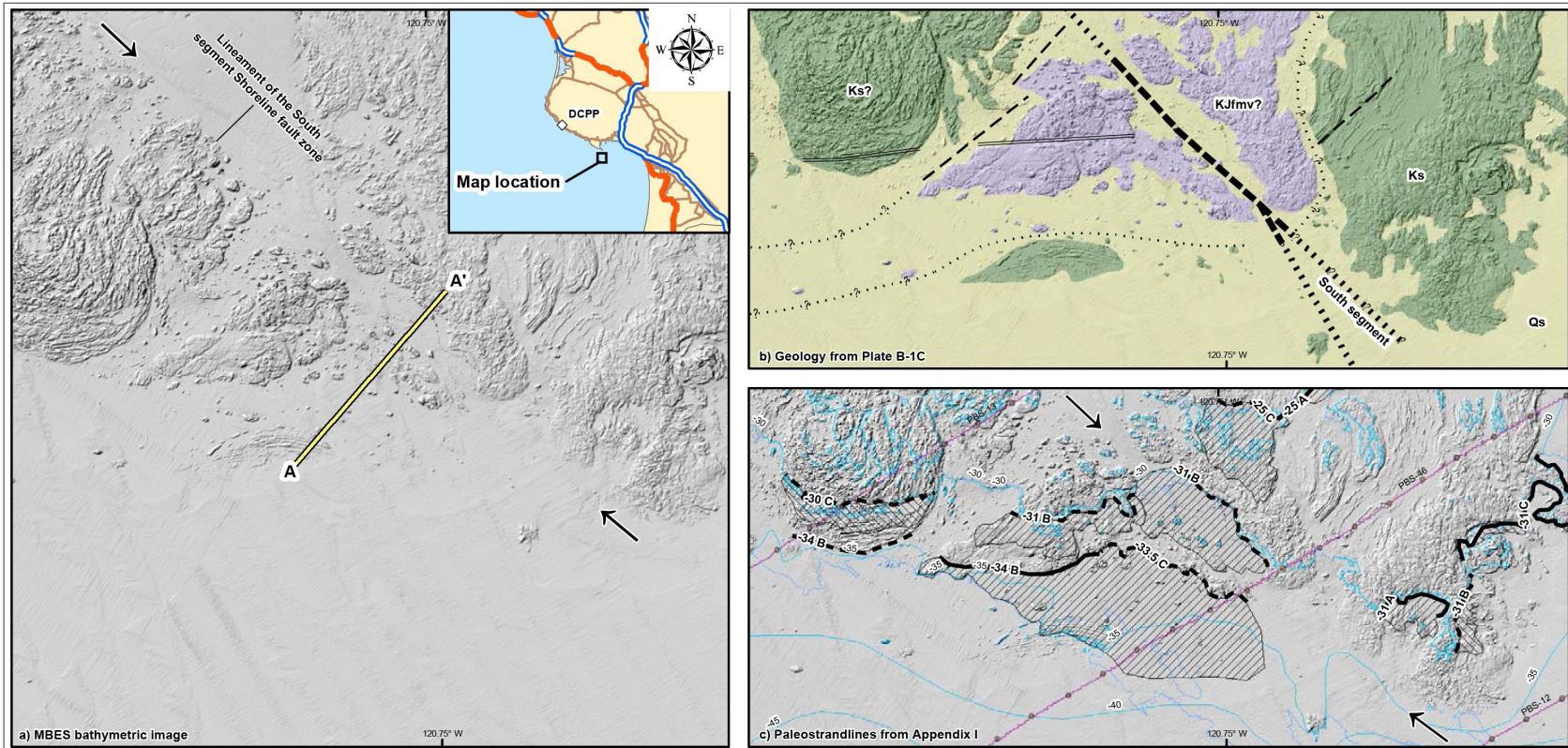
Uplift Rate Contour Map of the San Luis Range Area

RESPONSE TO DR. HAMILTON'S TESTIMONY

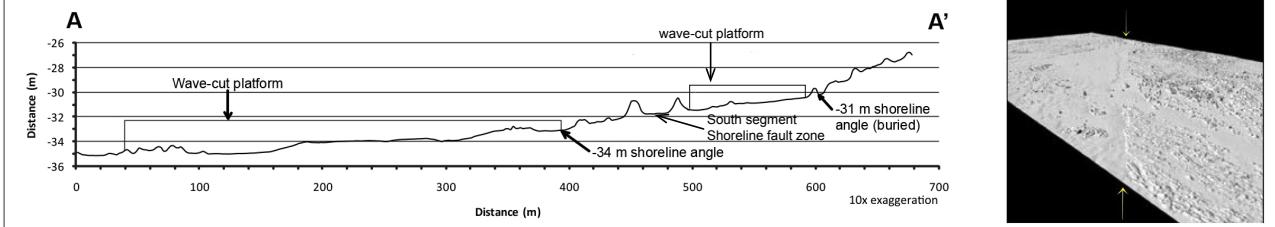


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Figure 6-37



Note: See legend on Plate 1 for geology and Appendix I Plate I-1A for paleostrandlines



Source: Figure 4-15 of PG&E (2011).

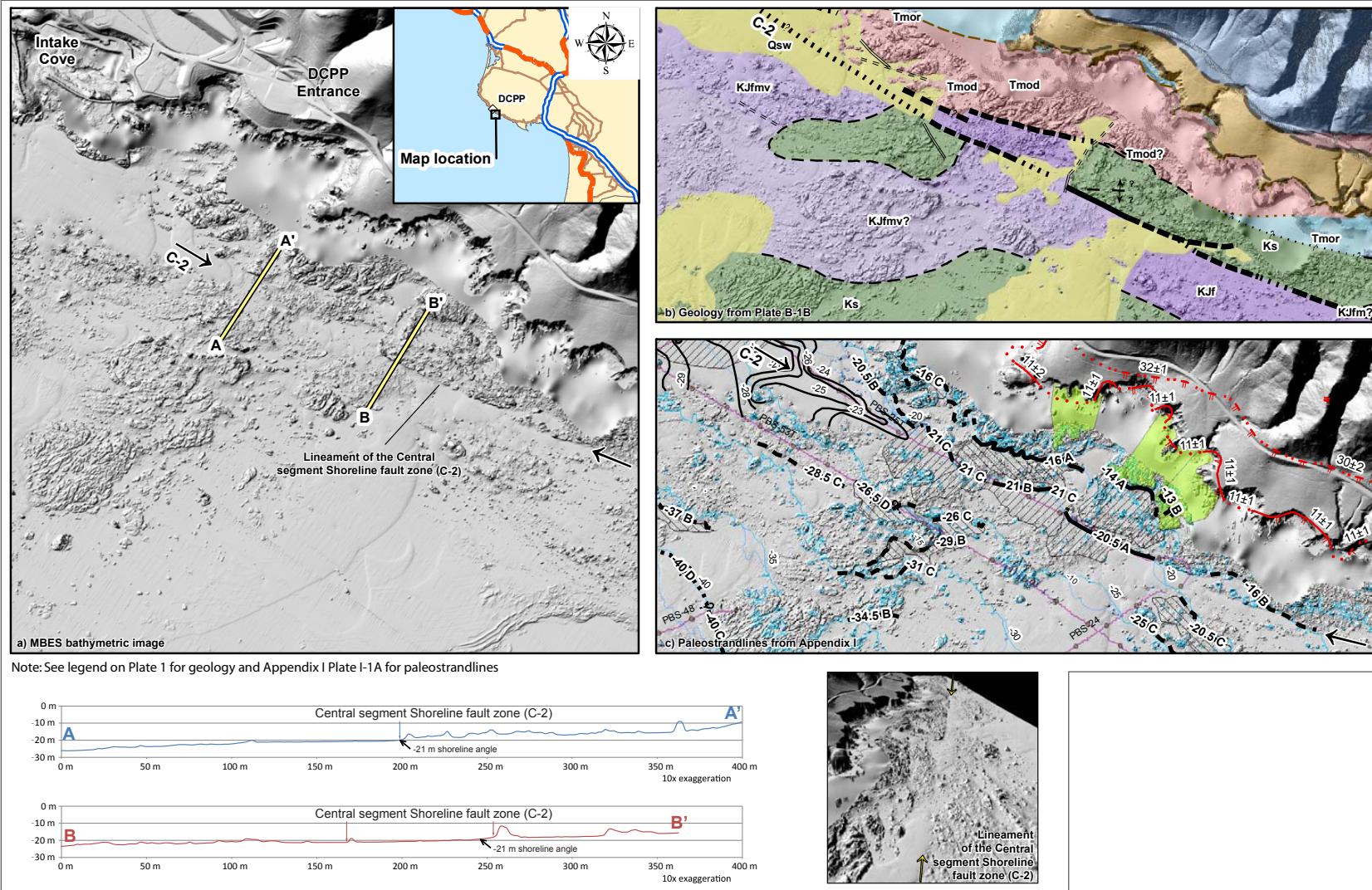
Maps and Profiles of the Shoreline Fault South of Point San Luis from PG&E (2011)

RESPONSE TO DR. HAMILTON'S TESTIMONY



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Figure 6-38



Source: Figure 4-11 of PG&E (2011).

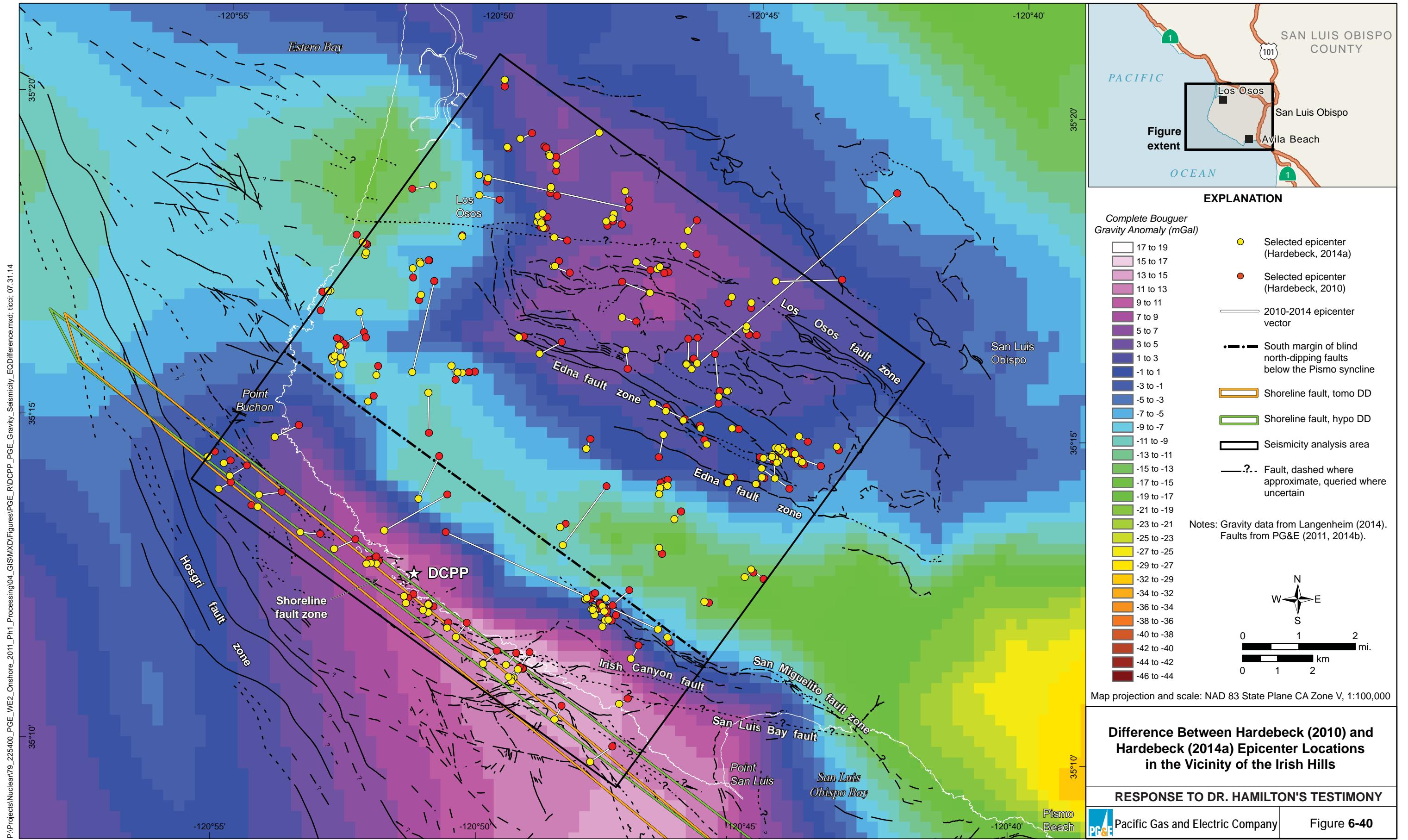
Maps and Profiles of the Shoreline Fault Southeast of the DCPP from PG&E (2011)

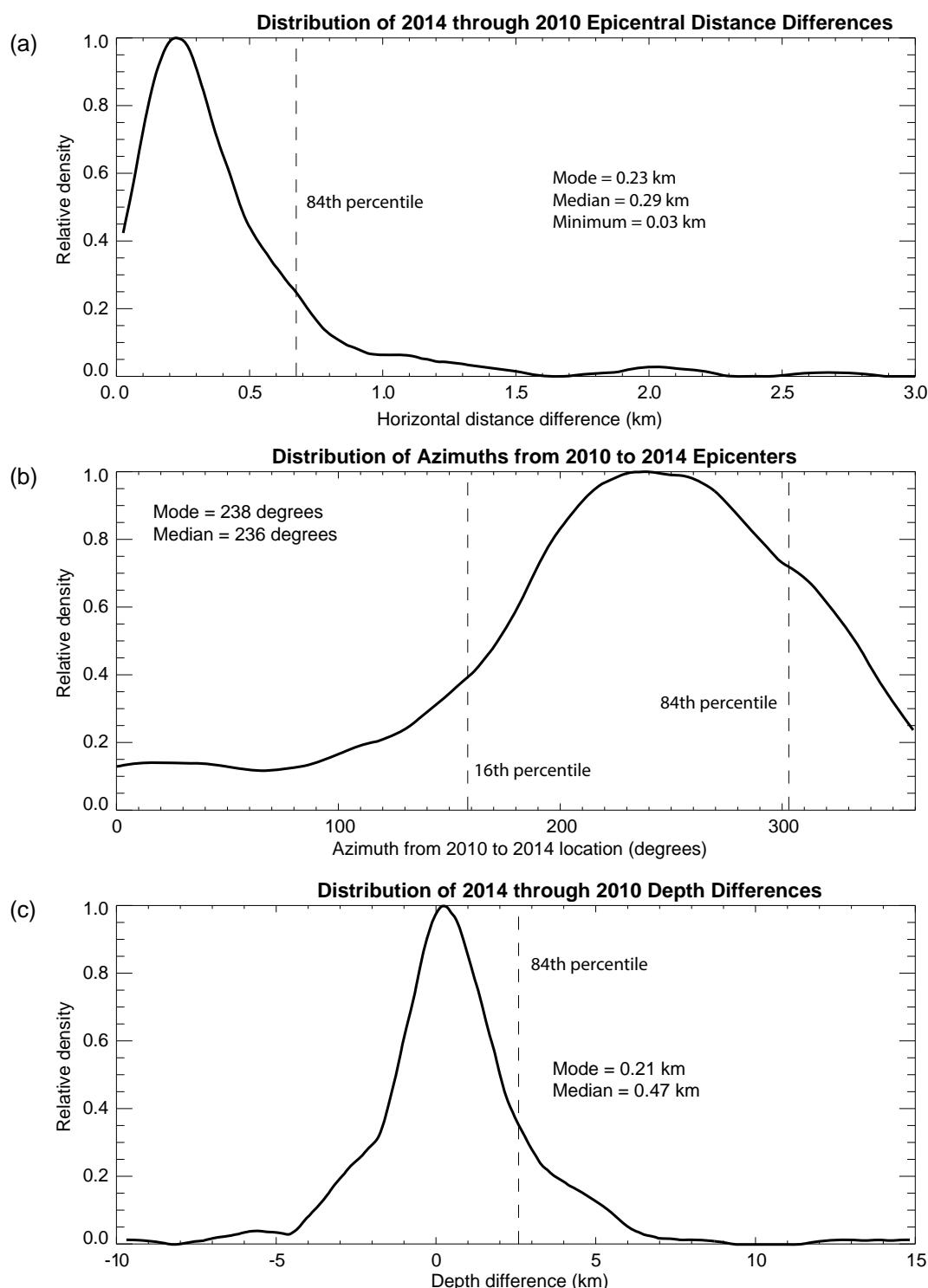
RESPONSE TO DR. HAMILTON'S TESTIMONY



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Figure 6-39





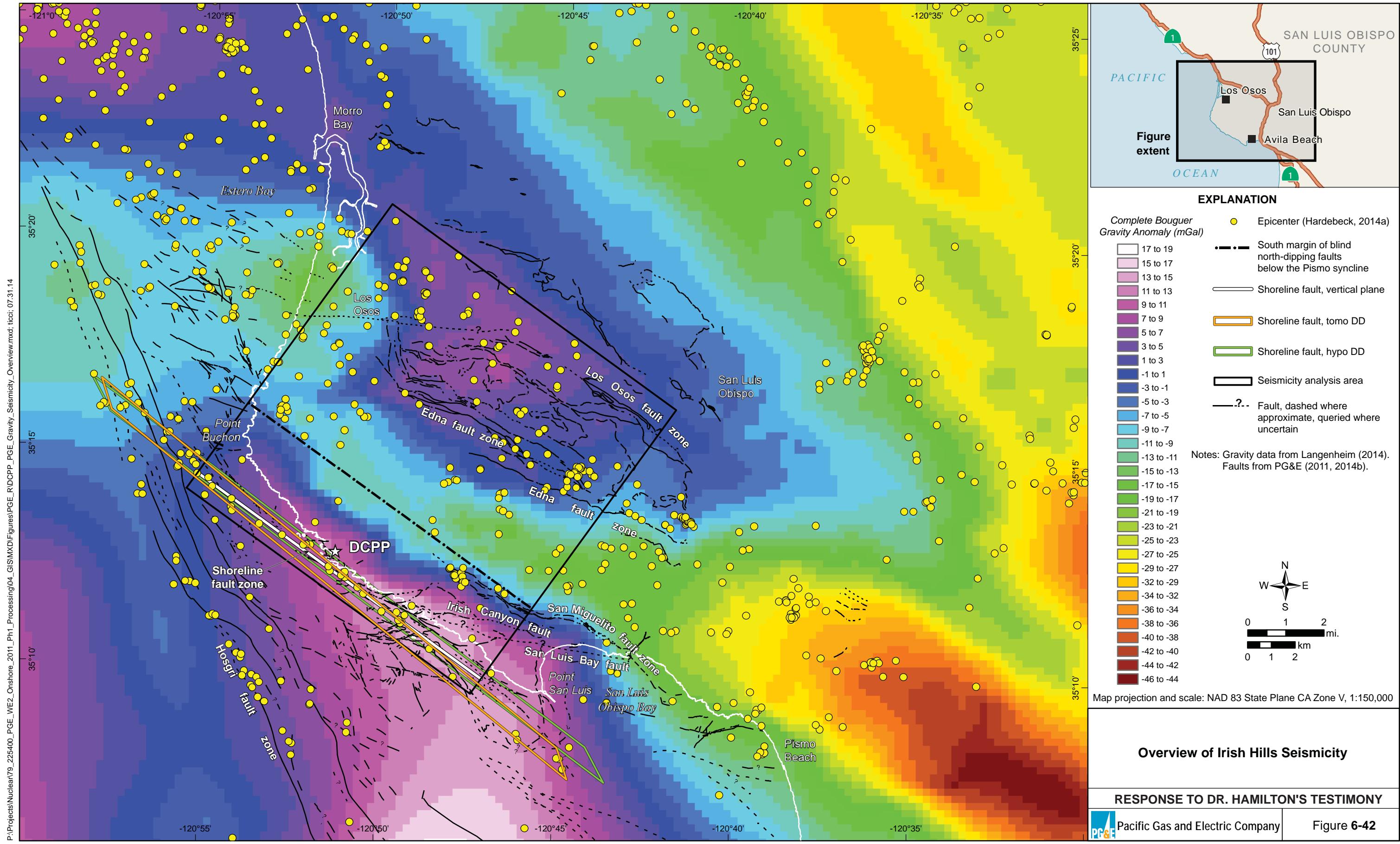
Earthquake Location Difference Statistics Between Hardebeck (2010) and Hardebeck (2014a)

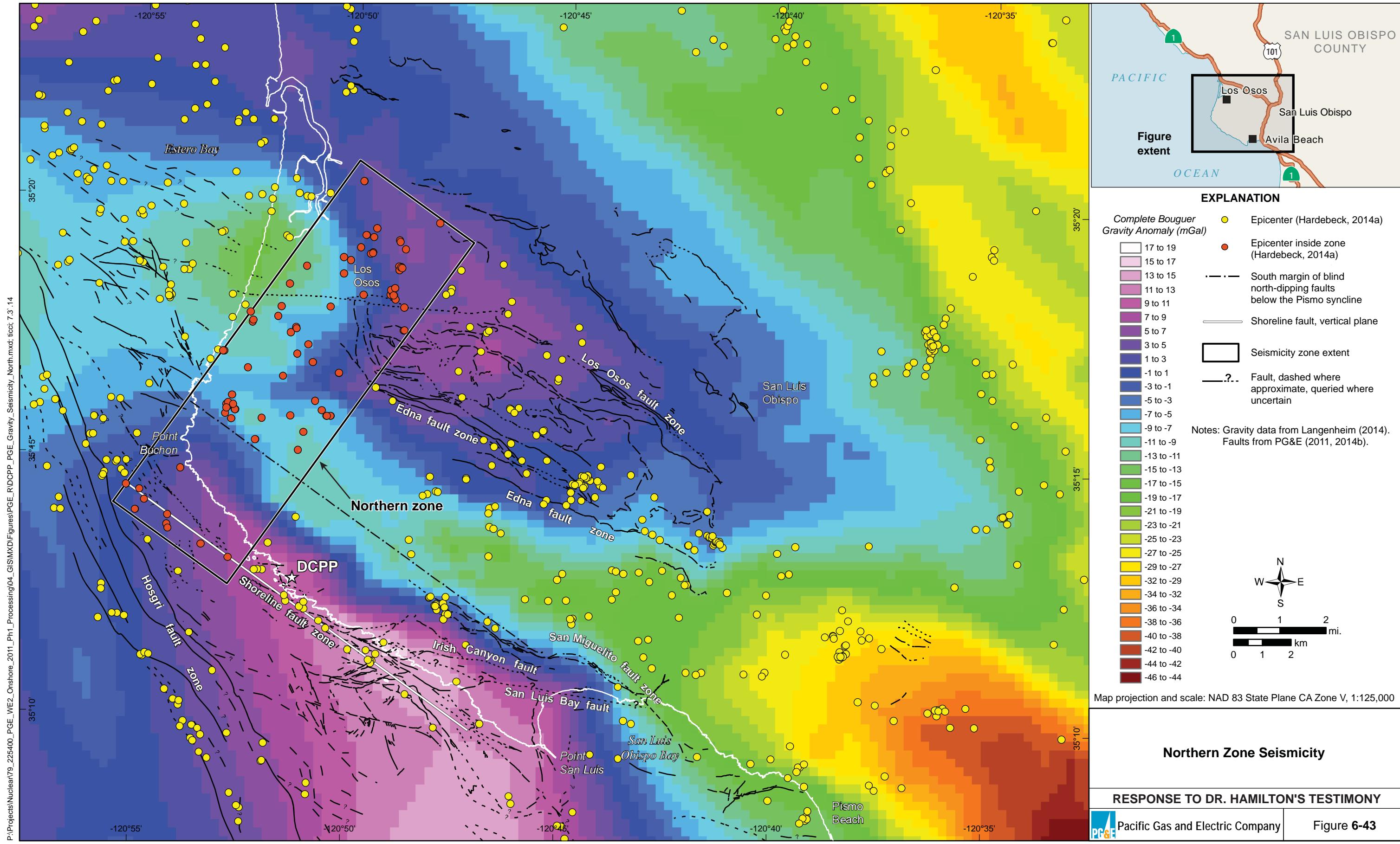
RESPONSE TO DR. HAMILTON'S TESTIMONY

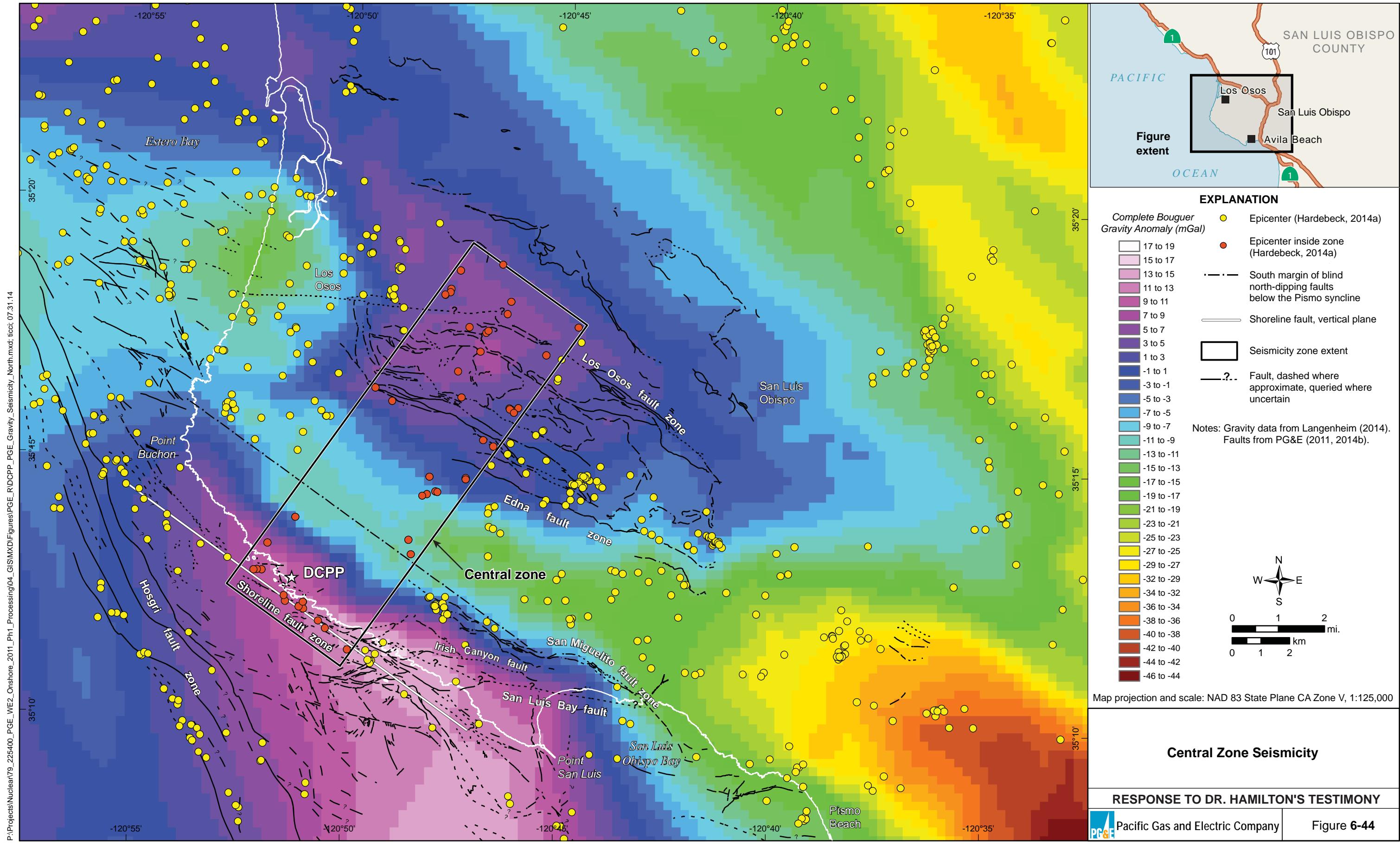


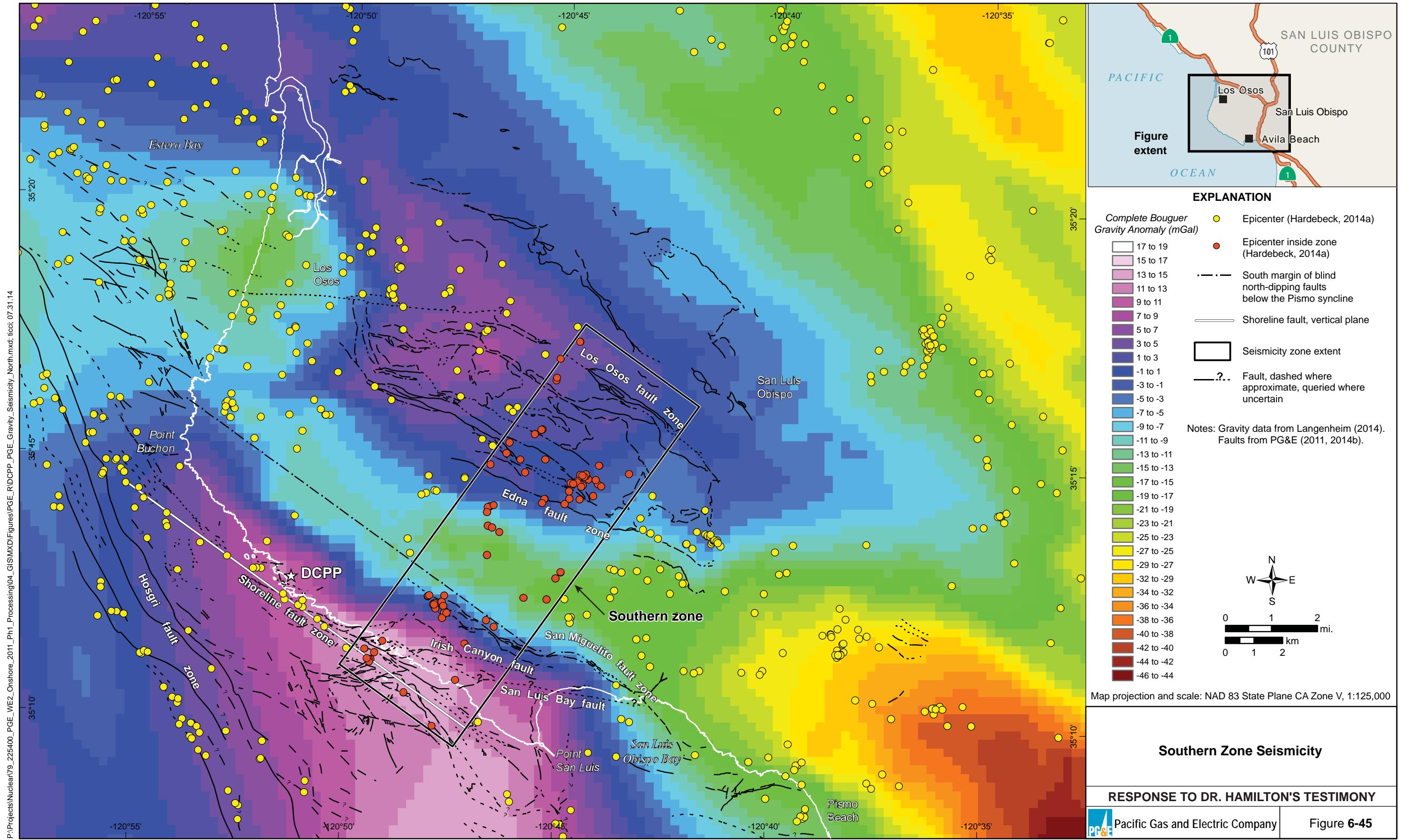
Pacific Gas and Electric Company

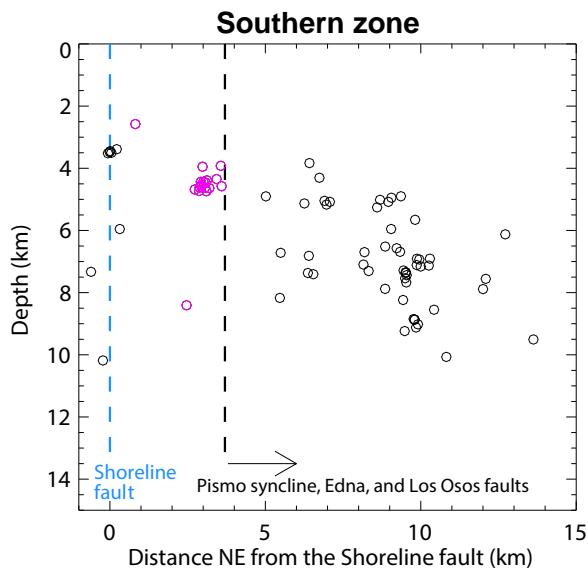
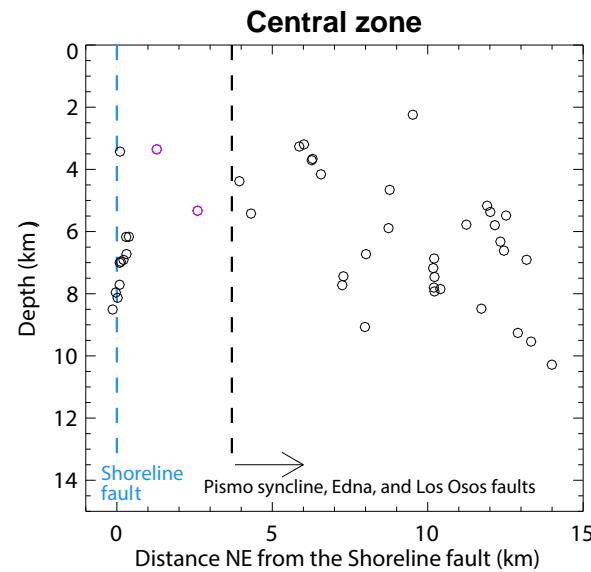
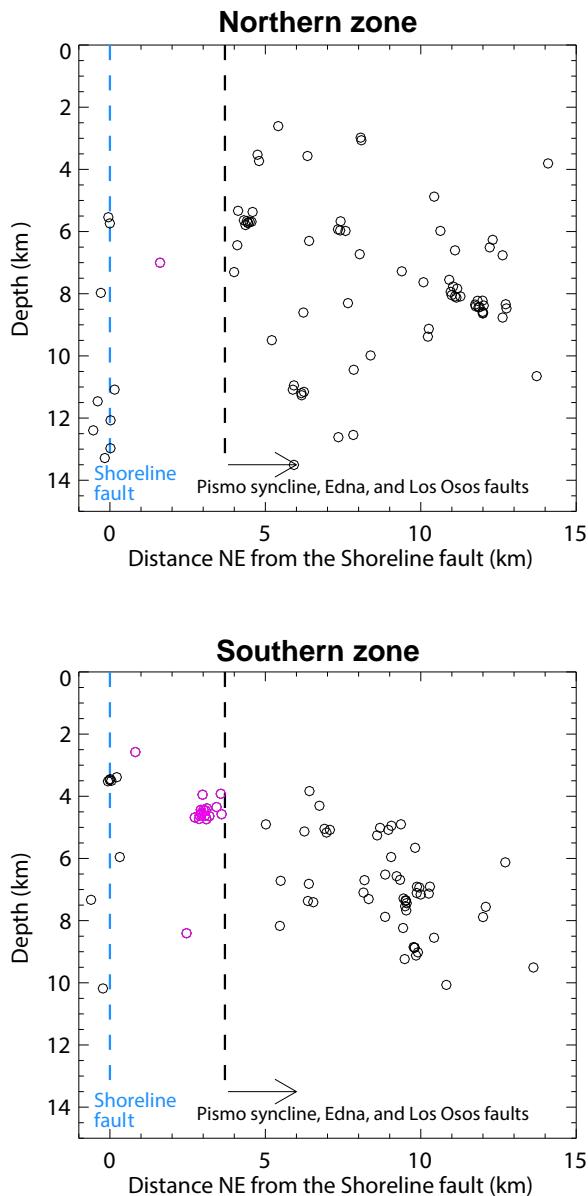
Figure 6-41





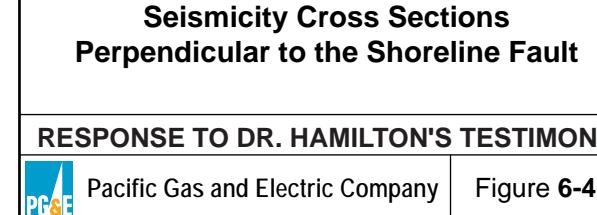


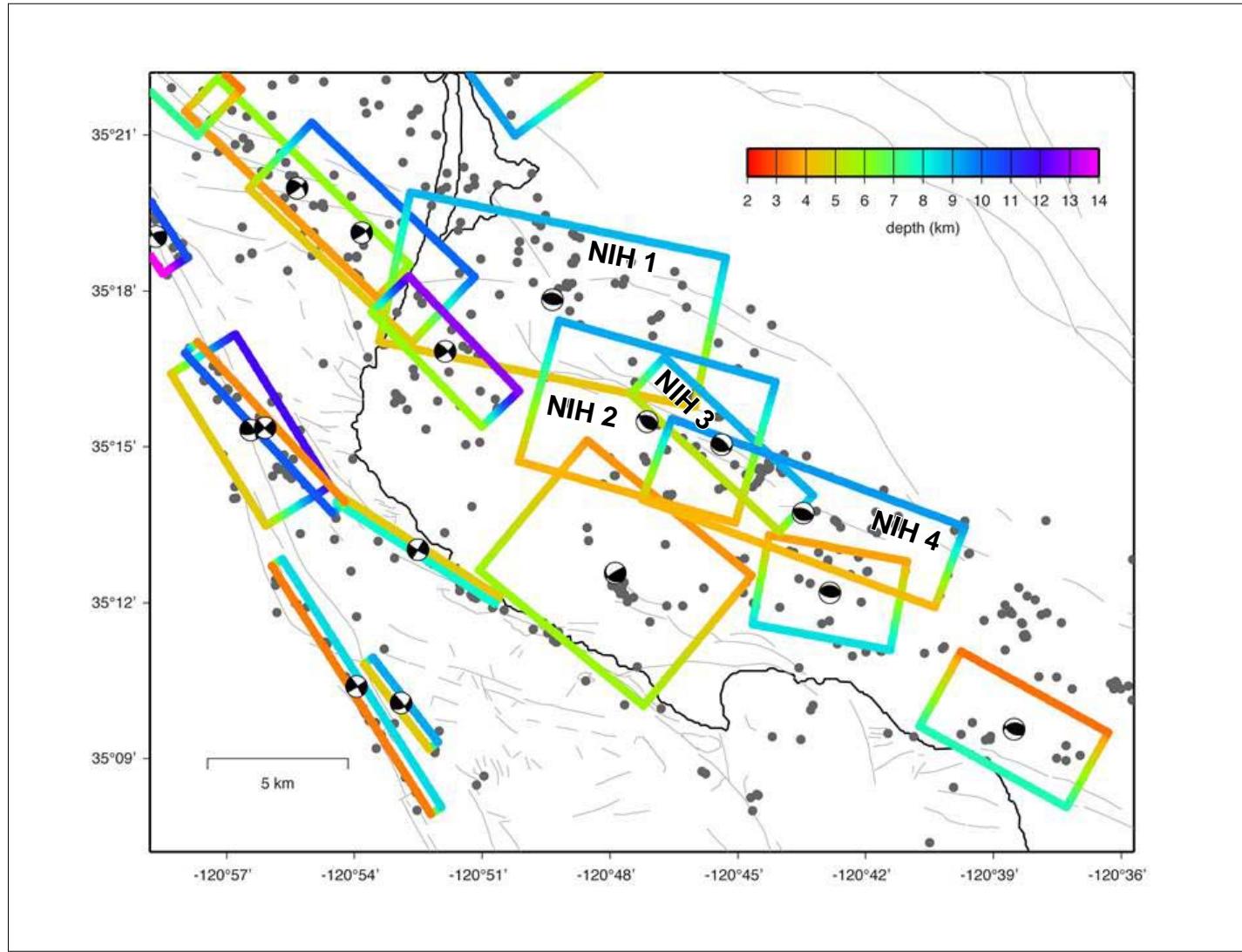




Number of Earthquakes in Zone			
Fault Association	Southern	Central	Northern
Within fault zone	80	45	80
Outside fault zone	20	2	1

Notes: One earthquake in the southern zone is at 17.26 km depth, approximately 2 km below the plot.
Seismicity from Hardebeck (2014a).





Notes:

- Image from slide 15 of Hardebeck's presentation at SSHAC Workshop No. 3, 2014.
- Labels and tabulated data added by PG&E to this figure based on data provided by Hardebeck (personal communication, 2014).

Name	Strike	Strike \pm	Dip	Dip \pm
NIH 1	N78°W	18°	40°N	5°
NIH 2	N74°W	18°	45°N	9°
NIH 3	N47°W	11°	65°NE	7°
NIH 4	N70°W	11°	60°N	6°

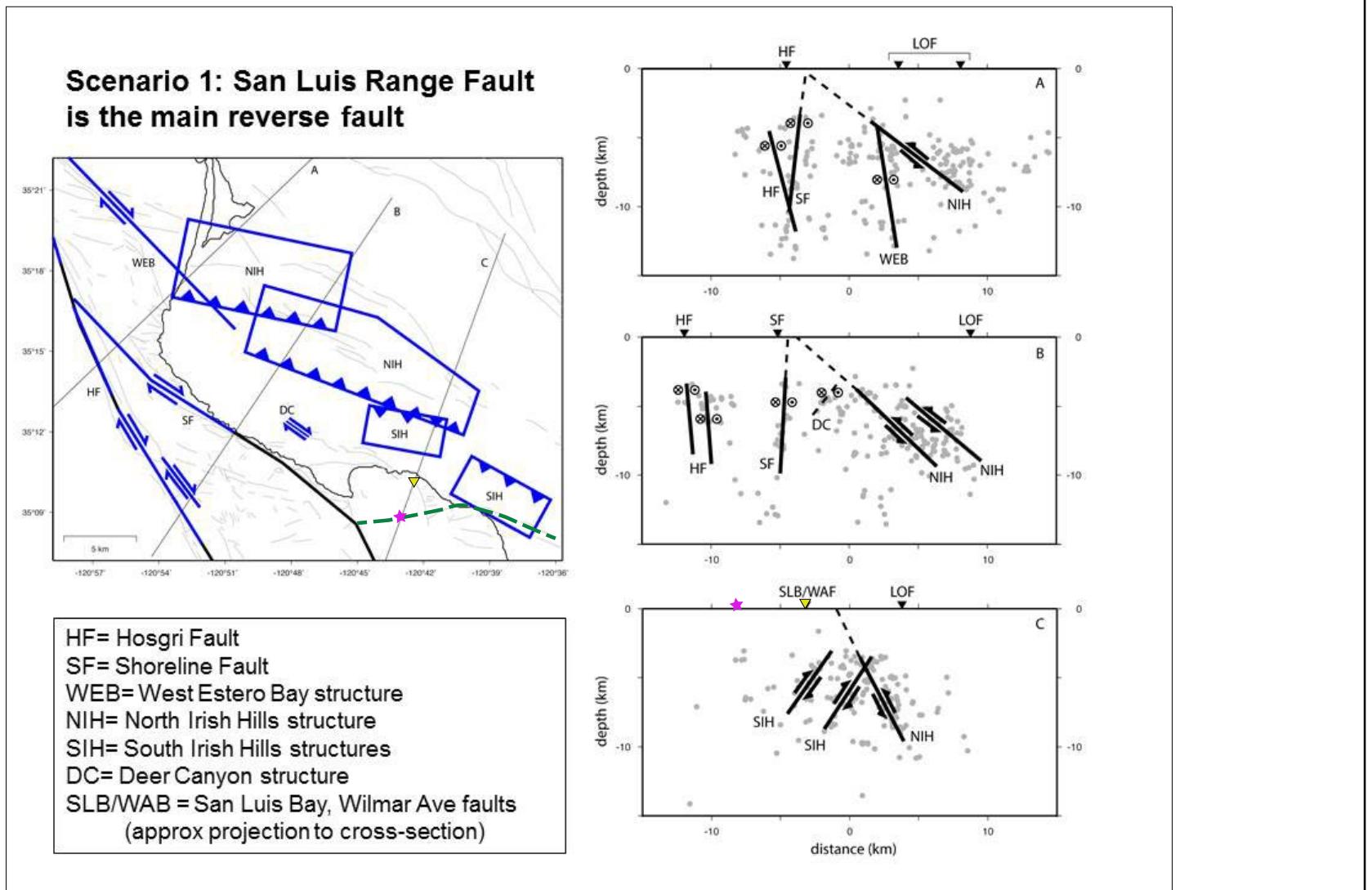
OADC-FM Solution Planes Fit to Seismicity from Hardebeck (2014b)

RESPONSE TO DR. HAMILTON'S TESTIMONY



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Figure 6-47



Notes:

- Image from Slide 21 of Hardebeck's presentation at SSHAC Workshop No. 3, 2014.
- Dashed green line and yellow triangles on map, and magenta star on map and Profile C added by PG&E to this figure.

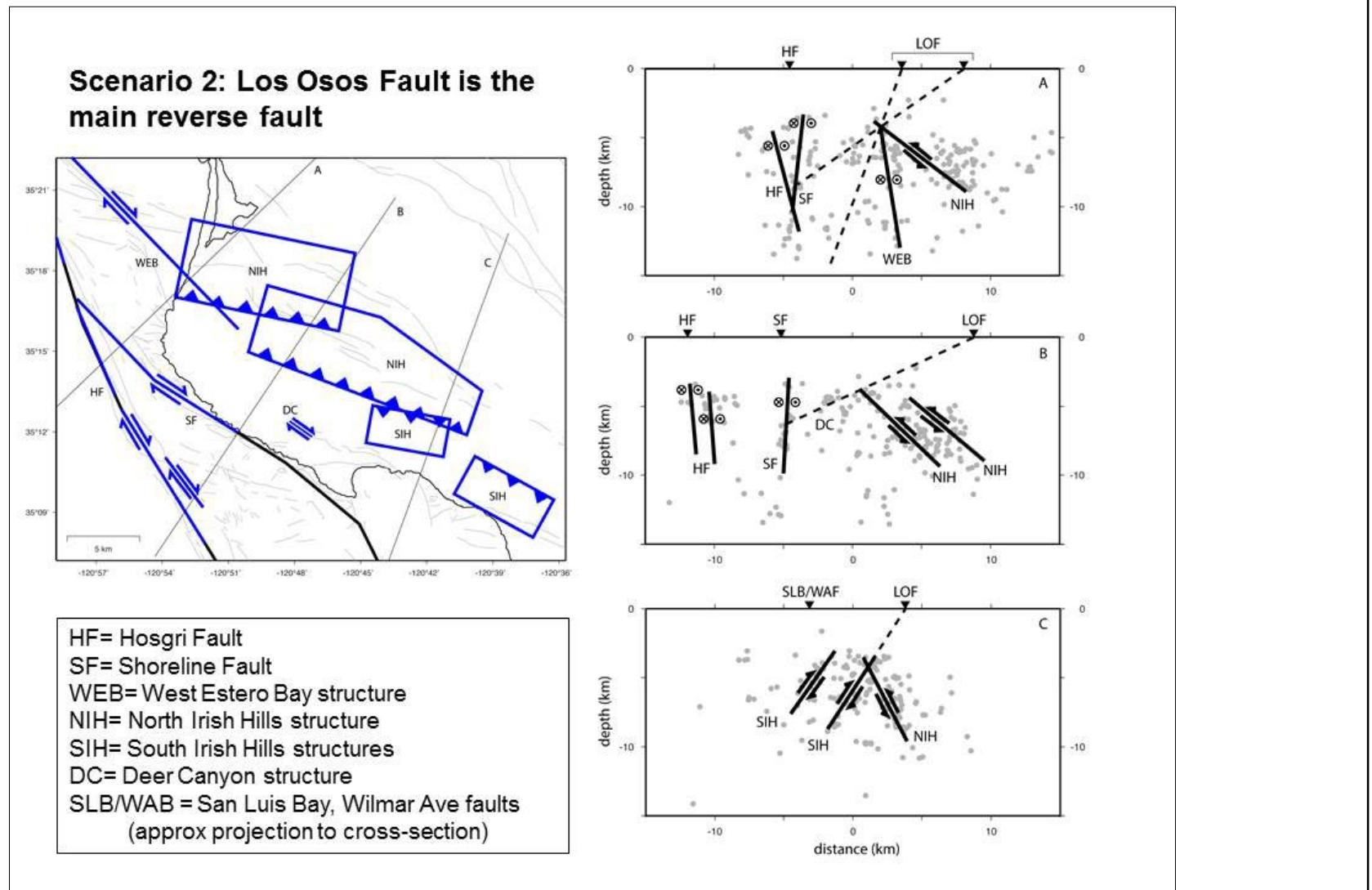
Structural Interpretation of OADC-FM Solution, Scenario 1, from Hardebeck (2014b)

RESPONSE TO DR. HAMILTON'S TESTIMONY



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Figure 6-48



Note: Image from slide 22 of Hardebeck's presentation at SSHAC Workshop No. 3, 2014.

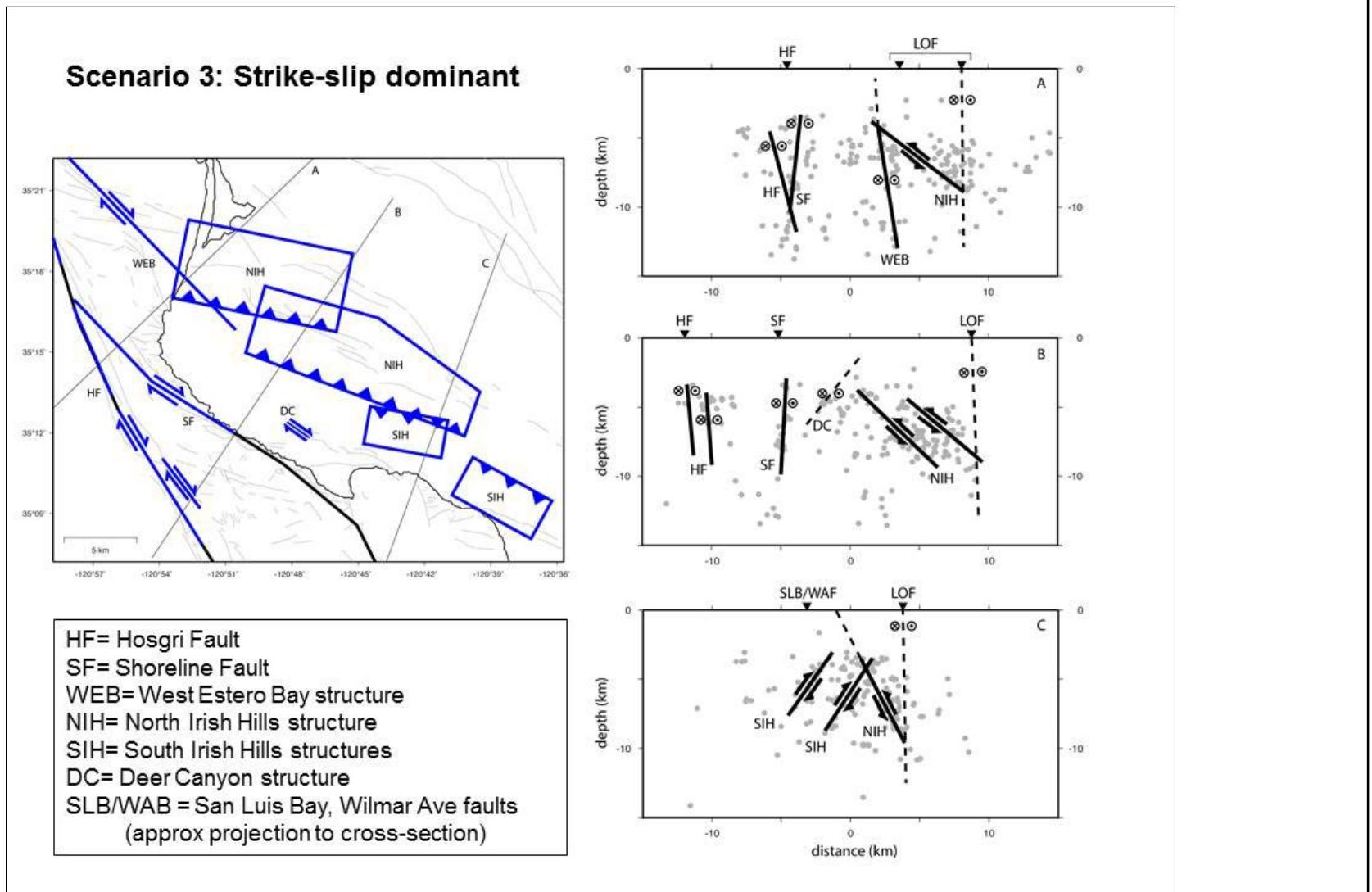
Structural Interpretation of OADC-FM Solution, Scenario 2, from Hardebeck (2014b)

RESPONSE TO DR. HAMILTON'S TESTIMONY



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Figure 6-49



Note: Image from slide 24 of Hardebeck's presentation at SSHAC Workshop No. 3, 2014.

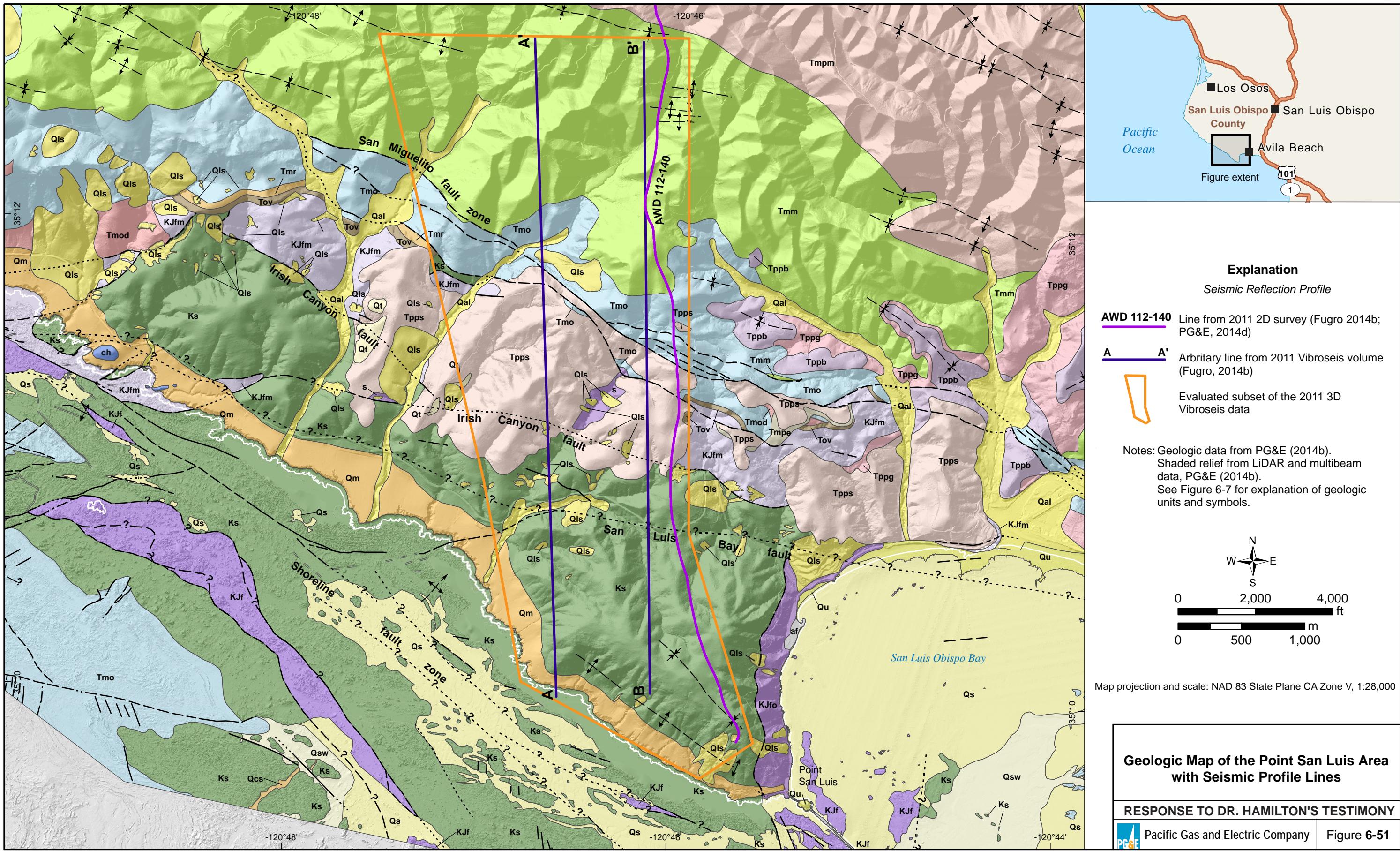
Structural Interpretation of OADC-FM Solution, Scenario 3, from Hardebeck (2014b)

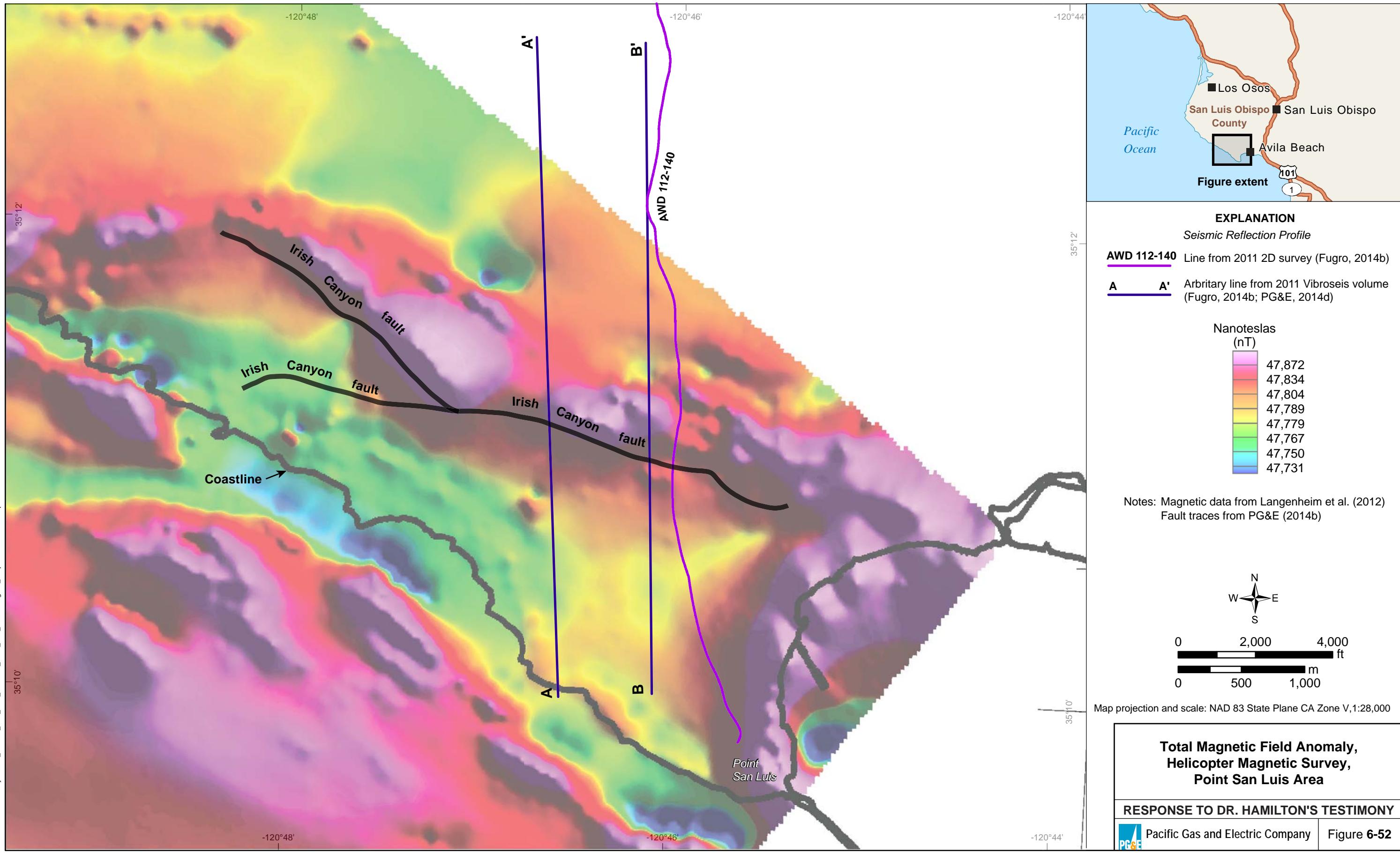
RESPONSE TO DR. HAMILTON'S TESTIMONY

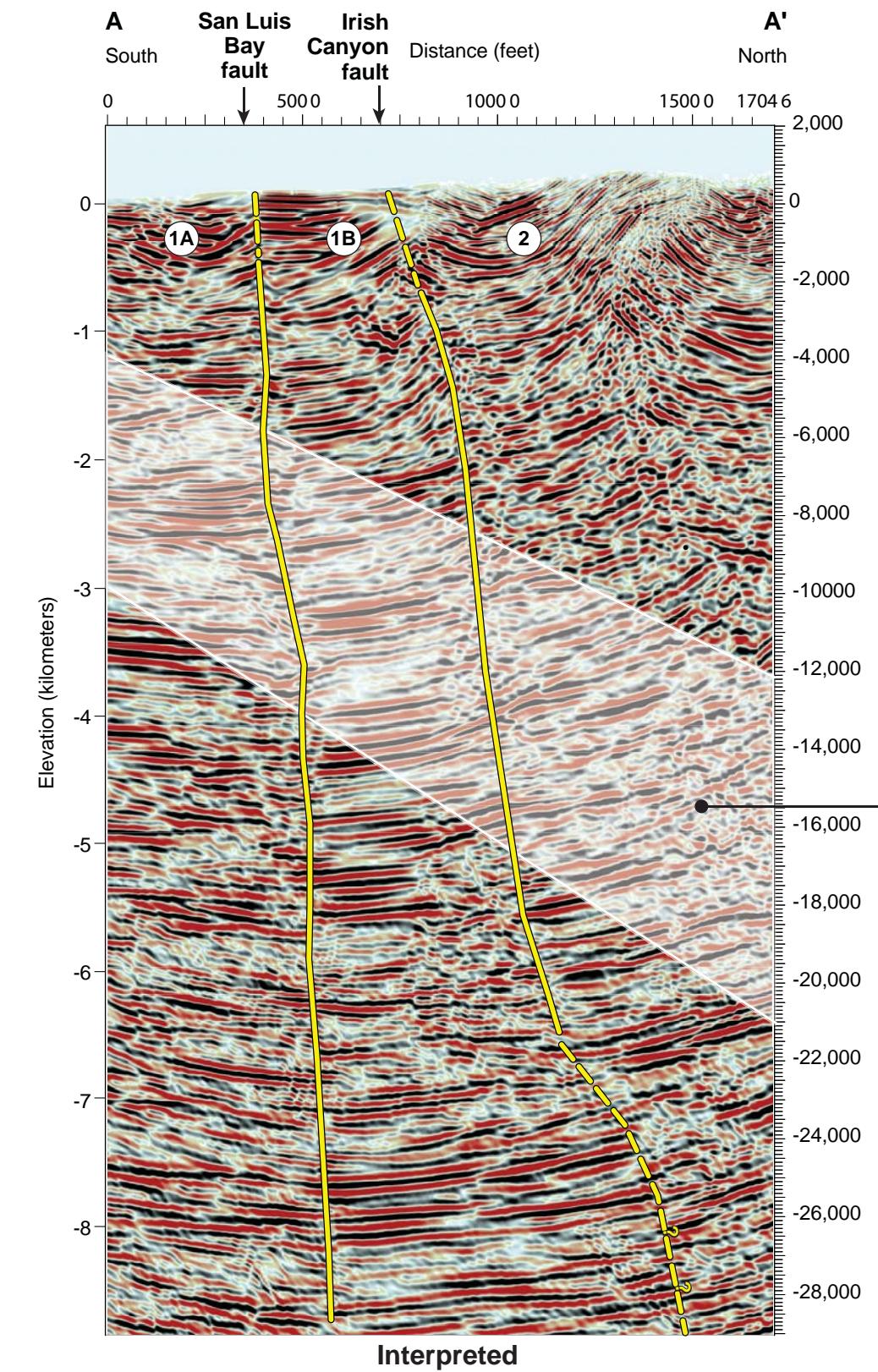
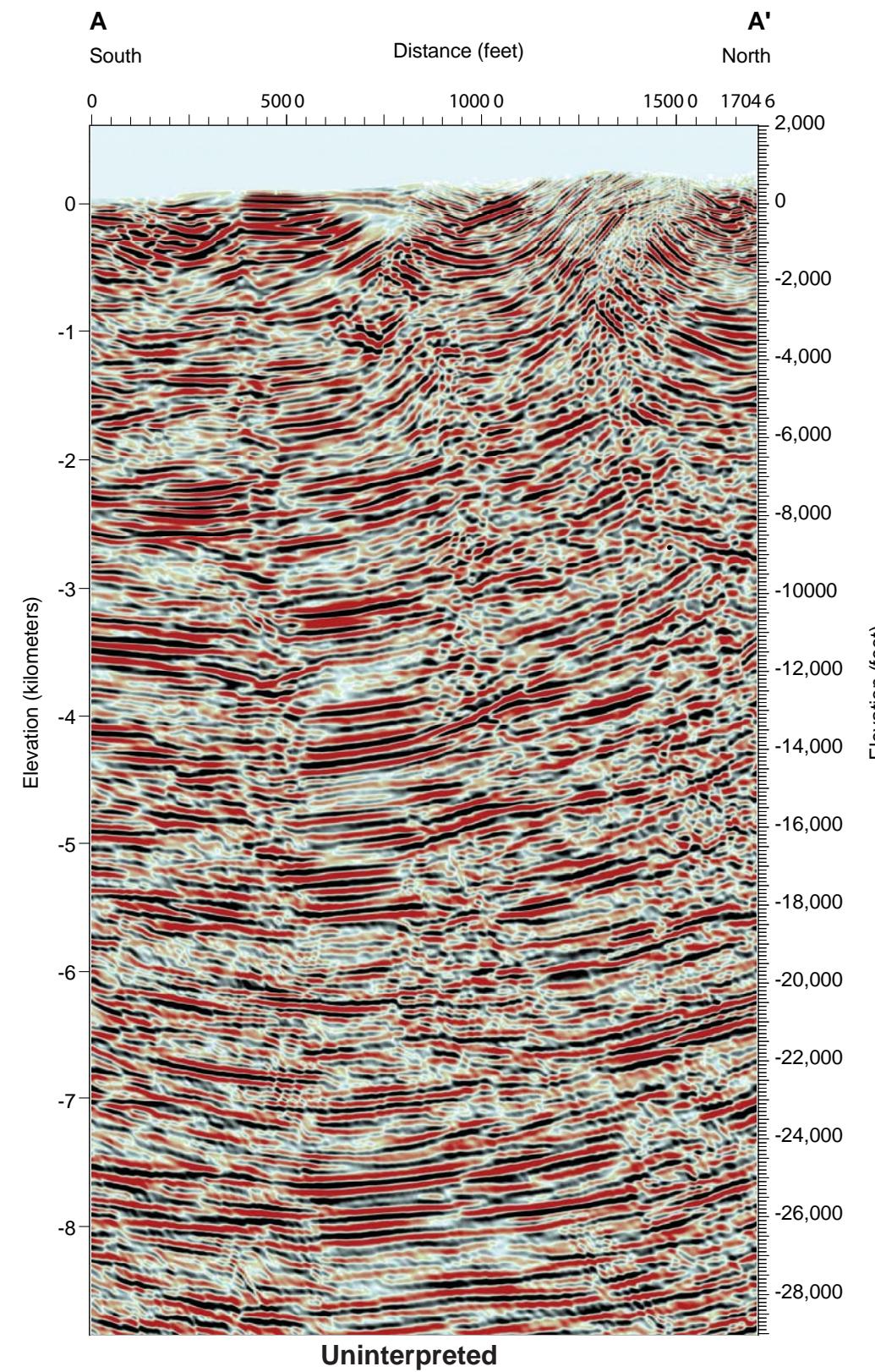


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Figure 6-50



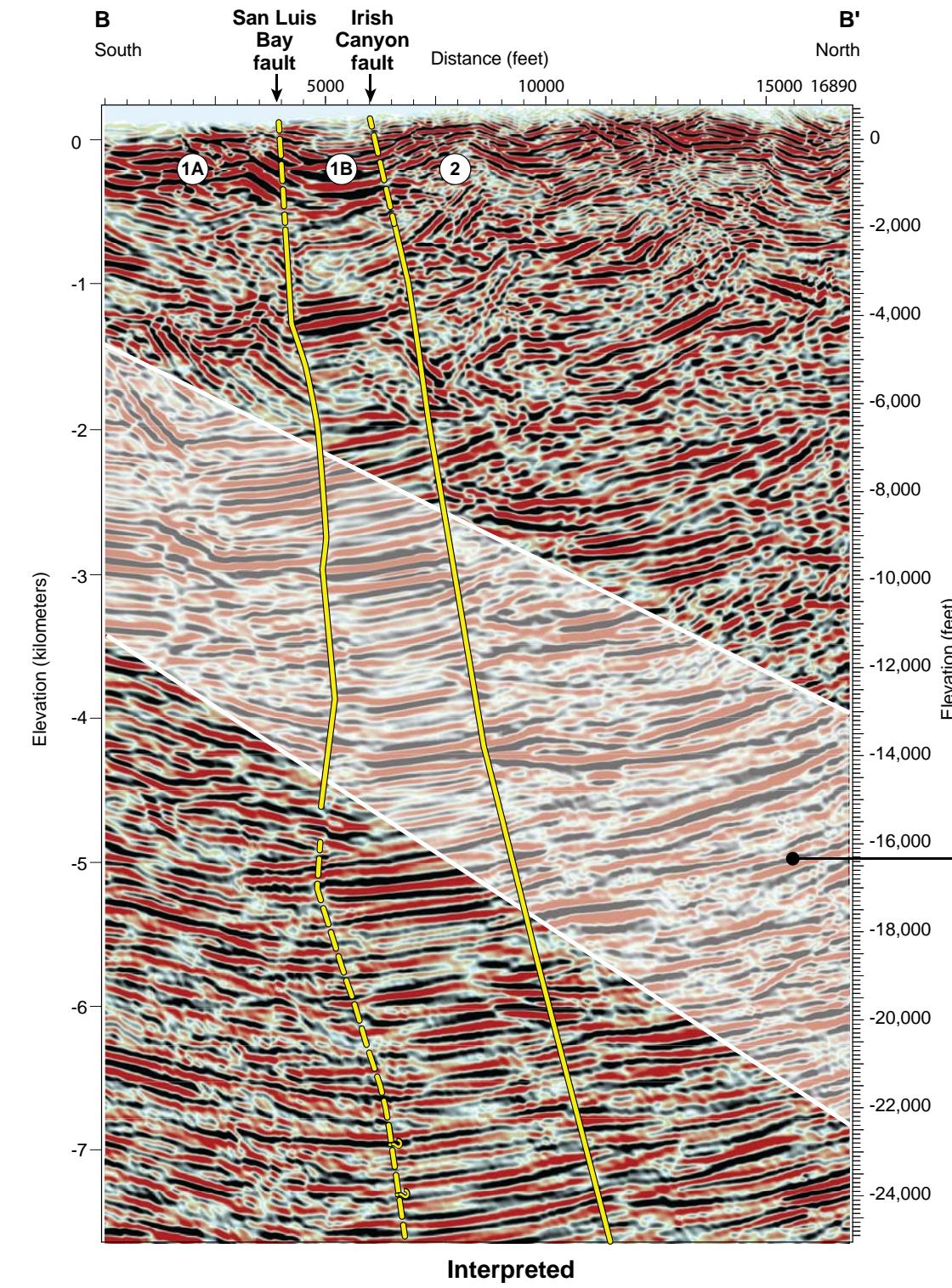
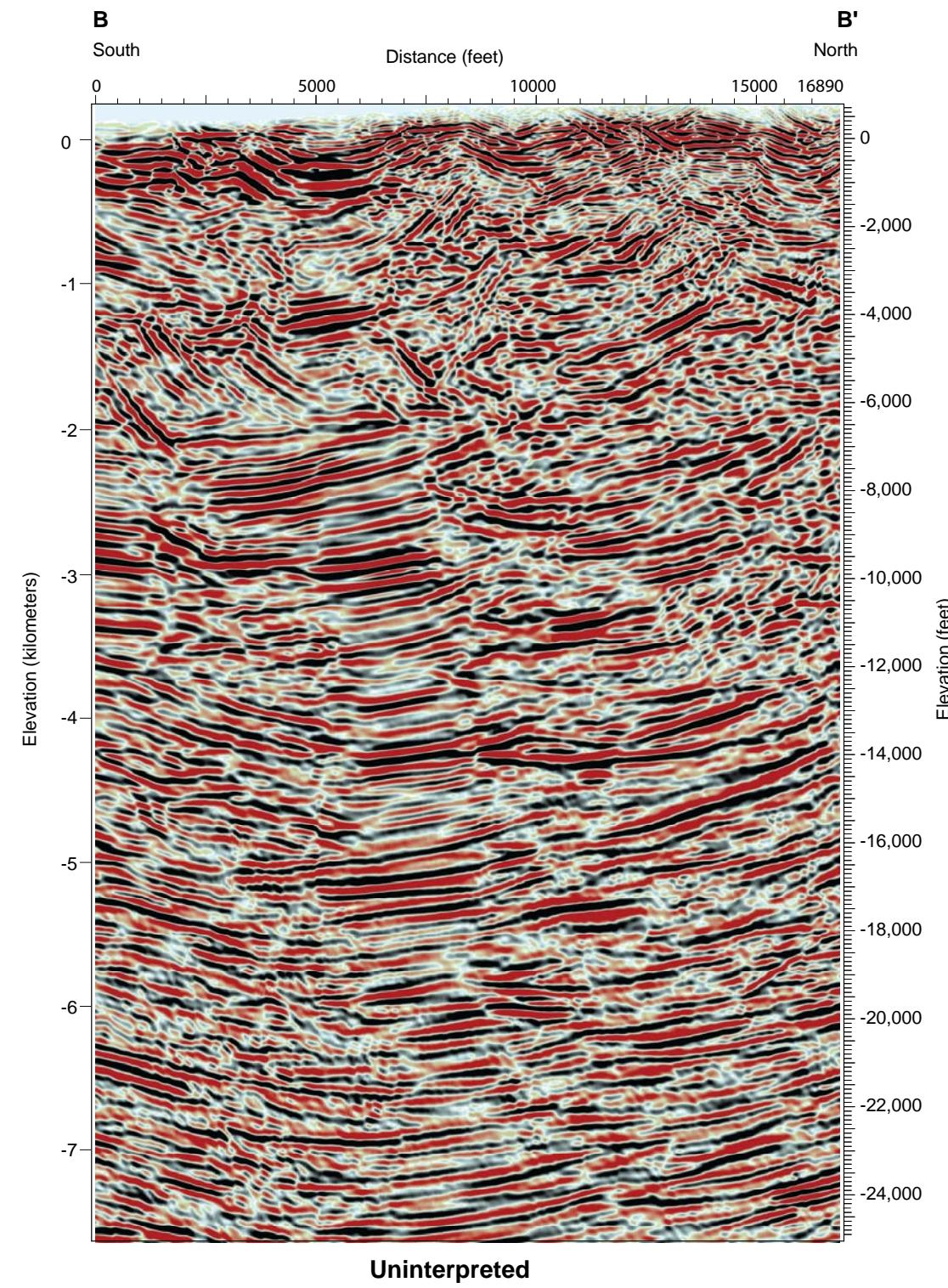




Seismic Reflection Profile, Line A-A'

RESPONSE TO DR. HAMILTON'S TESTIMONY

Pacific Gas and Electric Company | Figure 6-53



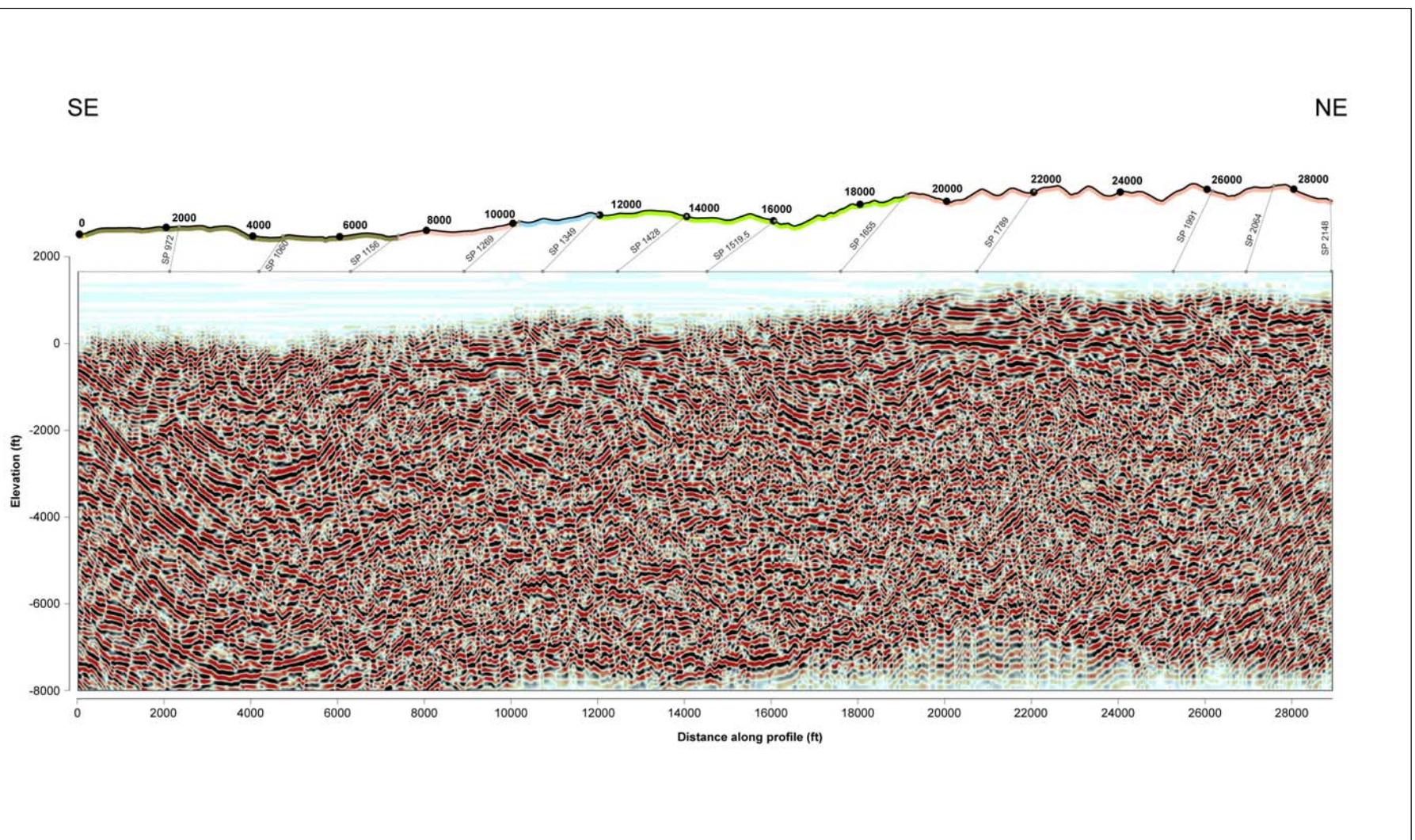
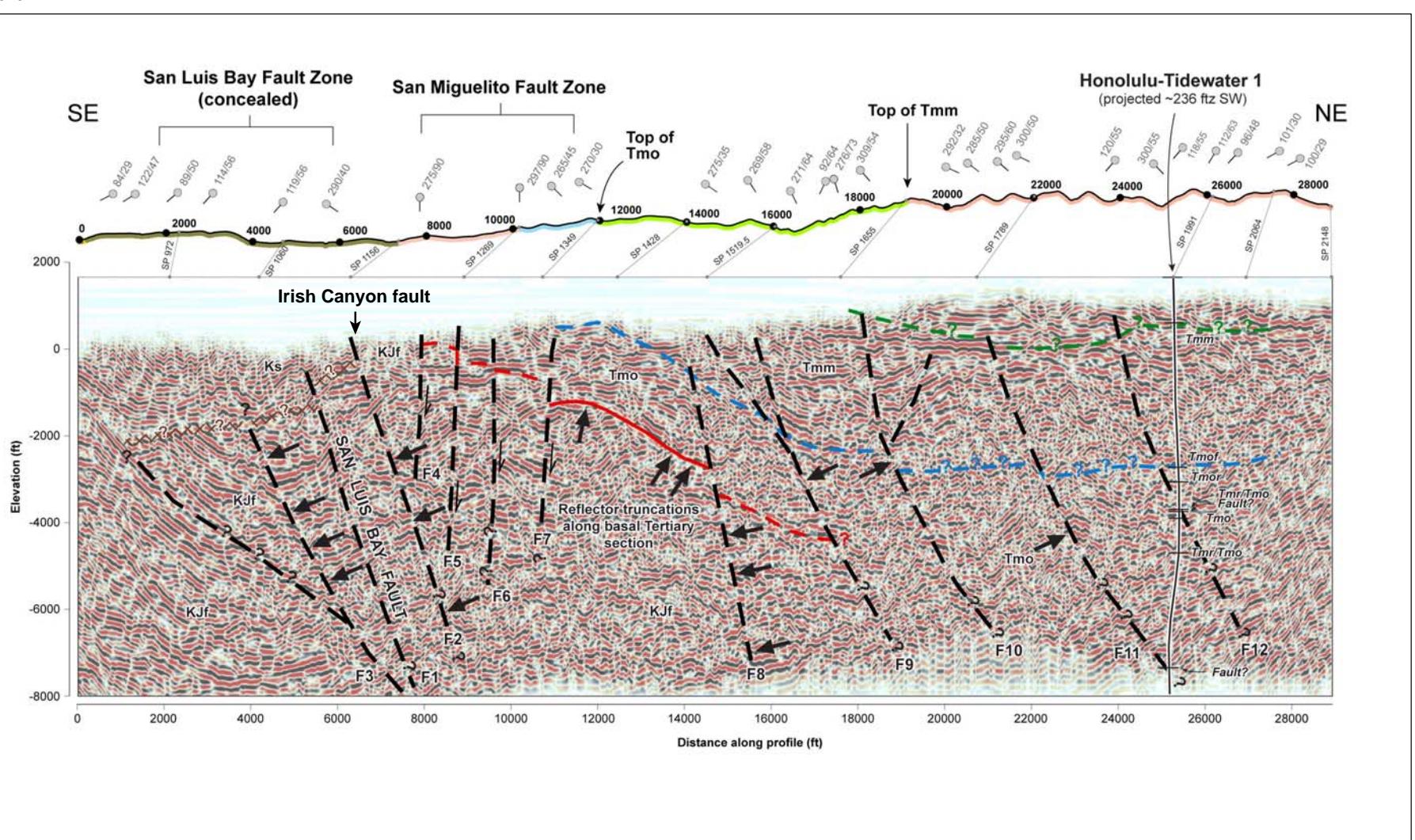
Seismic Reflection Profile, Line B-B'

RESPONSE TO DR. HAMILTON'S TESTIMONY



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Figure 6-54

(a) Uninterpreted**(b) Interpreted****EXPLANATION**

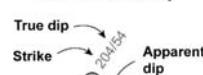
— Fault; solid where well located, dashed where approximately located

Tmm Top of Monterey Formation

Tmo Top of Obispo Formation

KJf Top of Mesozoic Basement

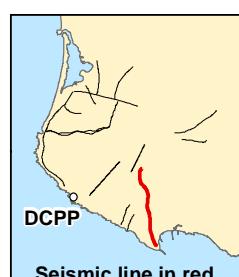
2000 Horizontal distance along seismic line, 2,000-foot increment

Profile strike/dip

Shot point tie line location

← Arrow marking offset or truncated reflectors

Note: Horizontal offsets are shown along a topographic profile above the seismic line.

**Seismic Reflection Profile,
Line AWD 112-140****RESPONSE TO DR. HAMILTON'S TESTIMONY**

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Figure 6-55