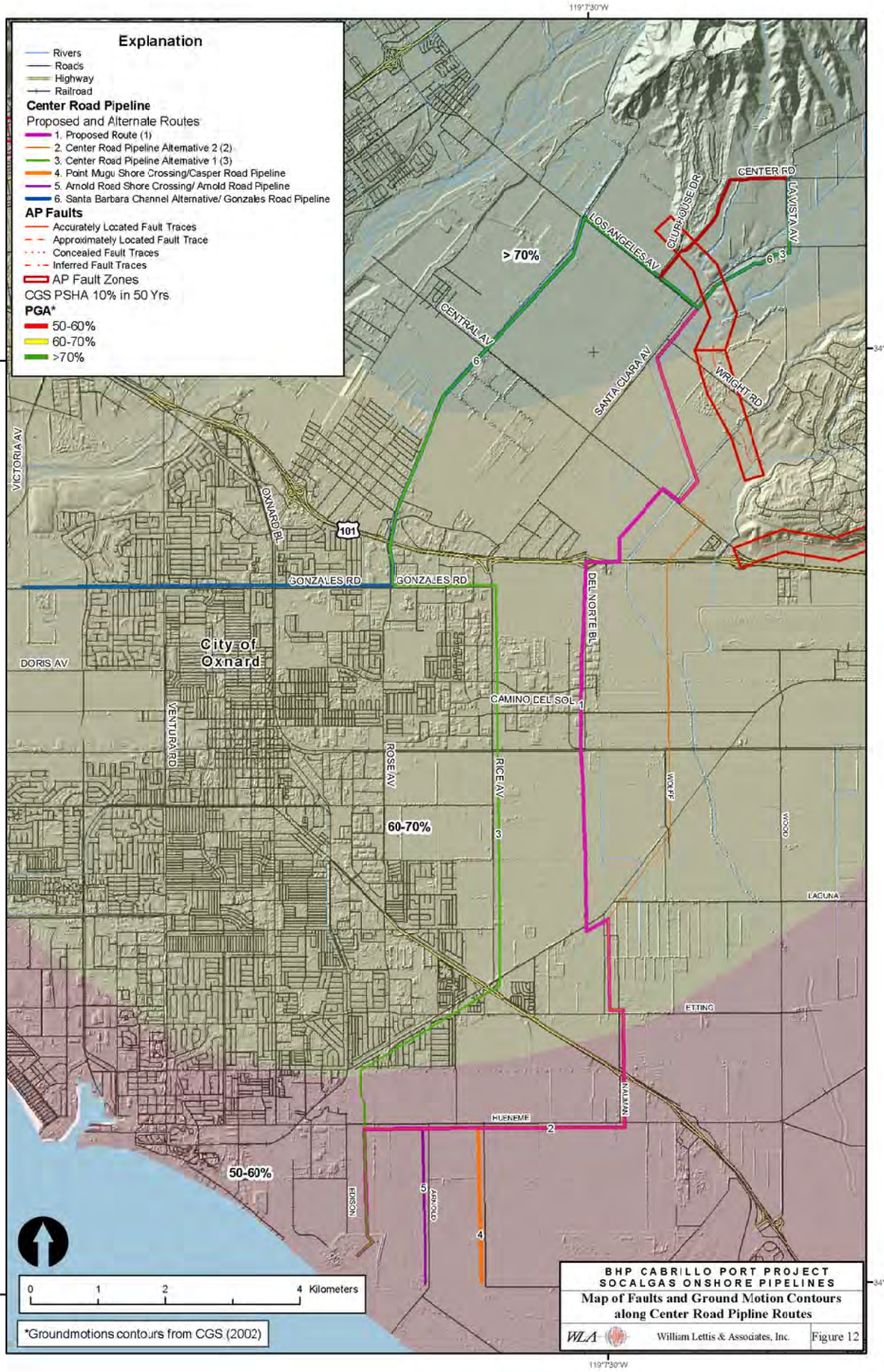
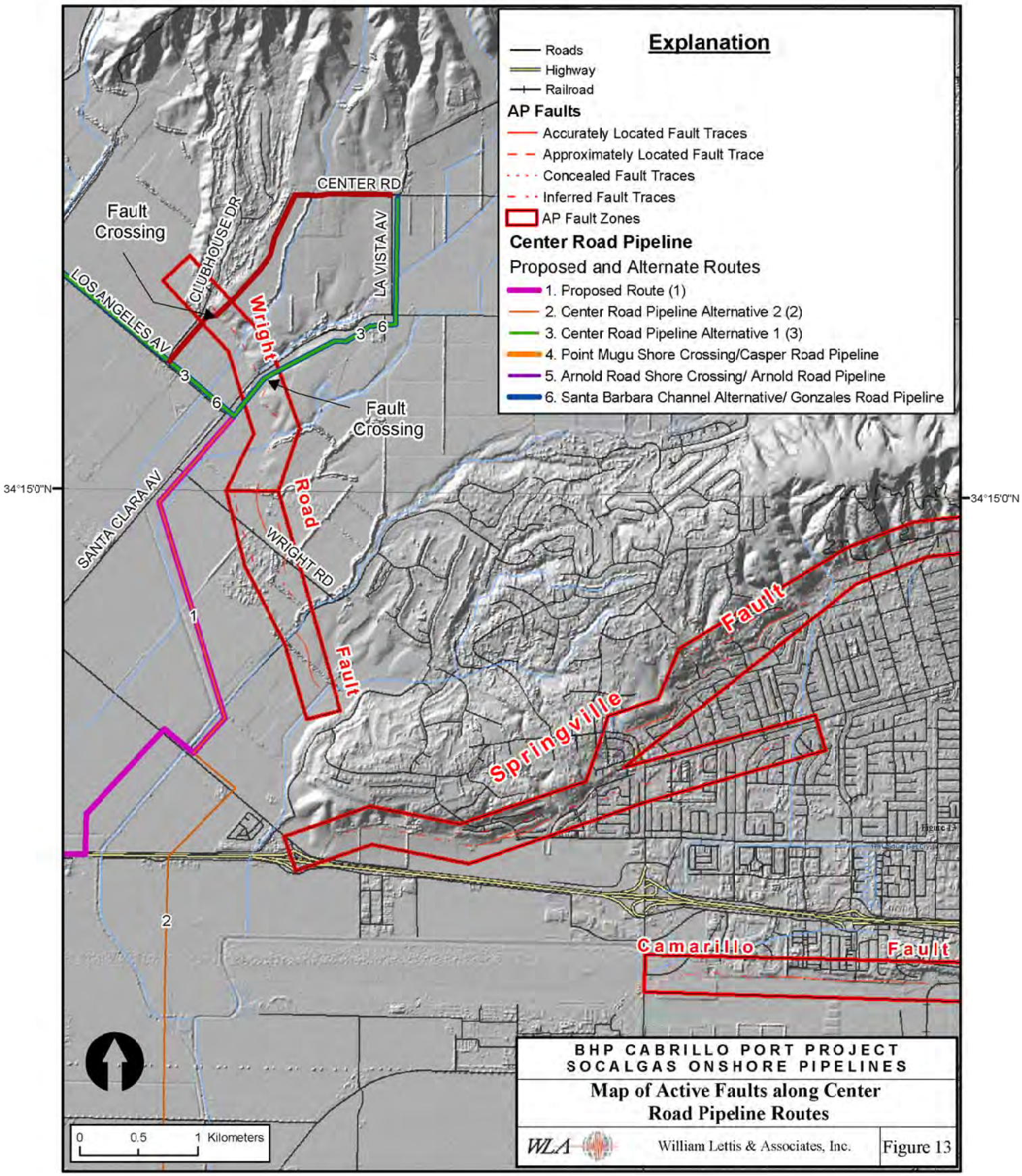

Explanation
Rivers
Roads
Highway
Railroad
Center Road Pipeline
Proposed and Alternate Routes
1. Proposed Route (1)
2. Center Road Pipeline Alternative 2 (2)
3. Center Road Pipeline Alternative 1 (3)
4. Point Mugu Shore Crossing/Casper Road Pipeline
5. Arnold Road Shore Crossing/ Arnold Road Pipeline
6. Santa Barbara Channel Alternative/ Gonzales Road Pipeline
AP Faults
Accurately Located Fault Traces
Approximately Located Fault Trace
Concealed Fault Traces
Inferred Fault Traces
AP Fault Zones
CGS PSHA 10% in 50 Yrs.
PGA*
50-60%
60-70%
>70%
119°7'30"W
34°15'0"N
34°7'30"N
> 70%
60-70%
50-60%
City of Oxnard
CENTER RD
LA VISTA AV
CLUBHOUSE DR
LOS ANGELES AV
CENTRAL AV
SANTA CLARA AV
WRIGHT RD
VICTORIA AV
OXNARD BL
101
GONZALES RD
DEL NORTE BL
DORIS AV
CAMINO CEL SOL
VENTURA RD
ROSE AV
RICE AV
WOLFF
WOOD
LAGUNA
ETTING
HUENEME
NAUMAN
EDISON
ARNOLD
0 1 2 4 Kilometers
*Groundmotions contours from CGS (2002)
BHP CABRILLO PORT PROJECT
SOCALGAS ONSHORE PIPELINES
Map of Faults and Ground Motion Contours along Center Road Pipline Routes
WLA
William Lettis & Associates, Inc.
Figure 12


Explanation
Roads
Highway
Railroad
AP Faults
Accurately Located Fault Traces
Approximately Located Fault Trace
Concealed Fault Traces
Inferred Fault Traces
AP Fault Zones
Center Road Pipeline
Proposed and Alternate Routes
1. Proposed Route (1)
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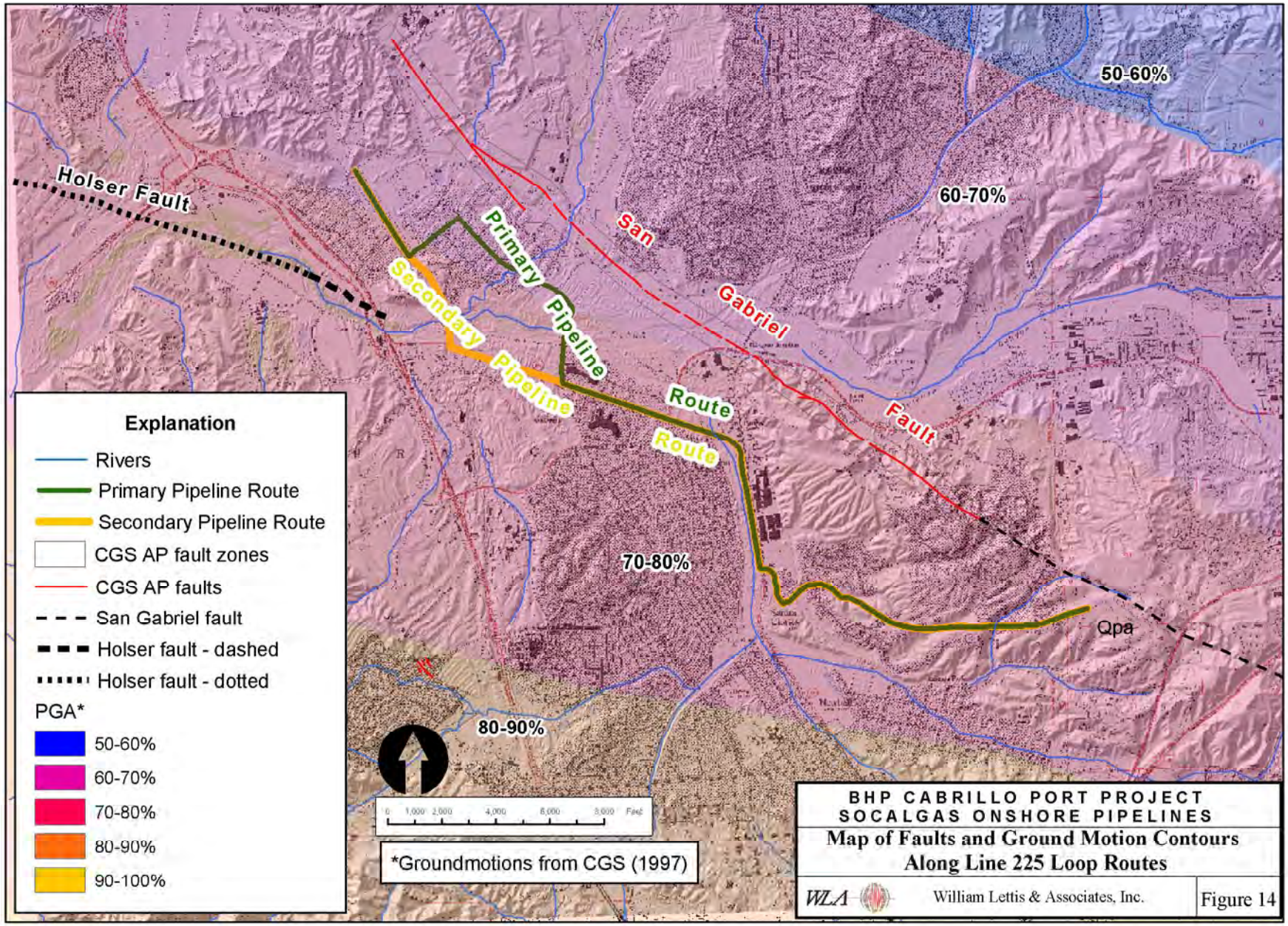
3. Center Road Pipeline Alternative 1 (3)
4. Point Mugu Shore Crossing/Casper Road Pipeline
5. Arnold Road Shore Crossing/ Arnold Road Pipeline
6. Santa Barbara Channel Alternative/ Gonzales Road Pipeline
CENTER RD
CLUBHOUSE DR
LA VISTA AV
LOS ANGELES AV
SANTA CLARA AV
WRIGHT RD
Fault Crossing
Fault Crossing
Wright
Road
Fault
Springville
Fault
Camarillo
Fault
34°15'0"N
34°15'0"N
0 0.5 1 Kilometers
BHP CABRILLO PORT PROJECT
SOCALGAS ONSHORE PIPELINES
Map of Active Faults along Center Road Pipeline Routes
WLA
William Lettis & Associates, Inc.
Figure 13


Holser Fault
San Gabriel Fault
Primary Pipeline Route
Secondary Pipeline Route
50-60%
60-70%
70-80%
80-90%
Qpa
Explanation
Rivers
Primary Pipeline Route
Secondary Pipeline Route
CGS AP fault zones
CGS AP faults
San Gabriel fault
Holser fault - dashed
Holser fault - dotted
PGA*
50-60%
60-70%
70-80%
80-90%
90-100%
*Groundmotions from CGS (1997)
BHP CABRILLO PORT PROJECT
SOCALGAS ONSHORE PIPELINES
Map of Faults and Ground Motion Contours
Along Line 225 Loop Routes
WLA
William Lettis & Associates, Inc.
Figure 14