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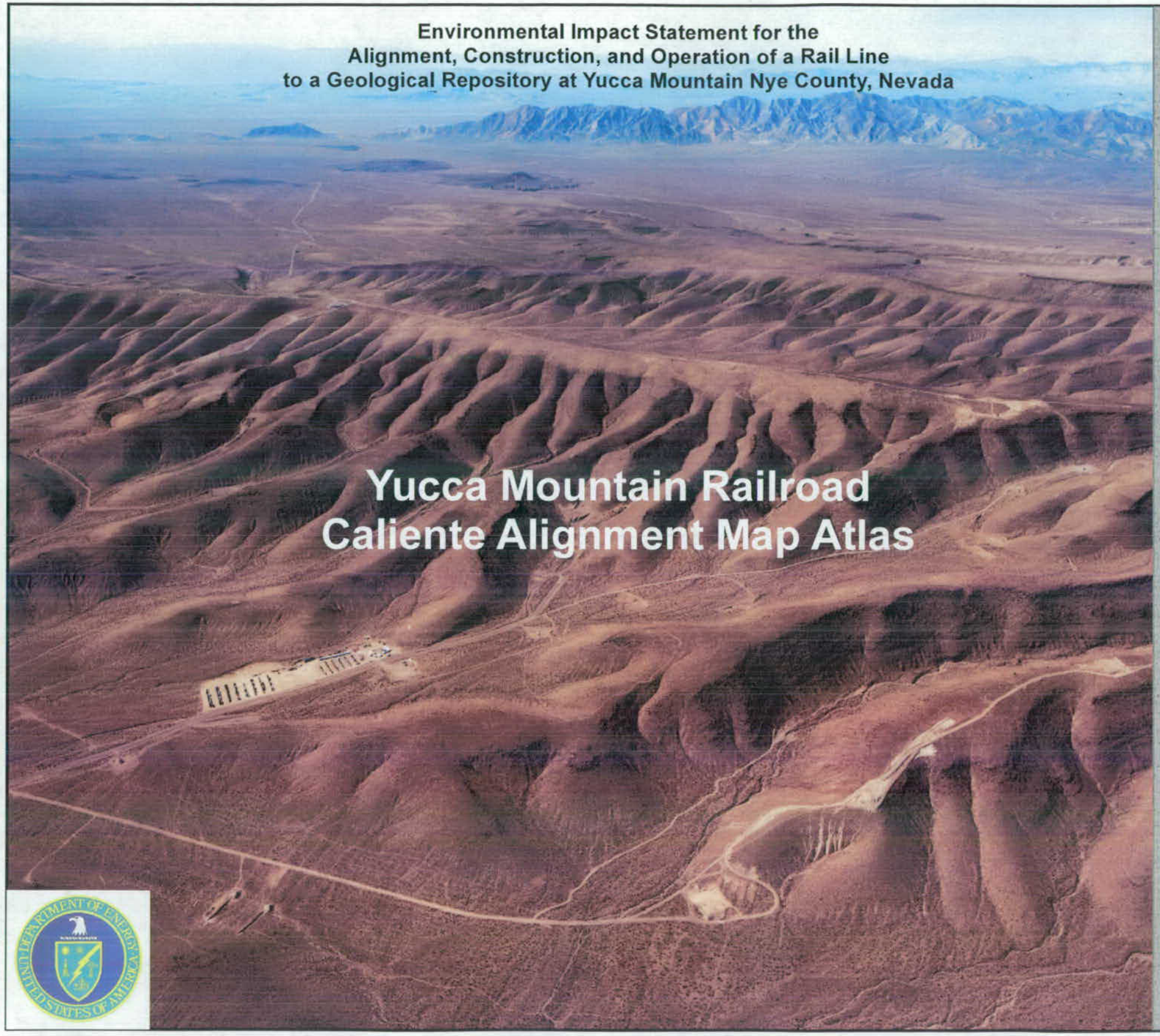

Environmental Impact Statement for the
Alignment, Construction, and Operation of a Rail Line
to a Geological Repository at Yucca Mountain Nye County, Nevada

Yucca Mountain Railroad
Caliente Alignment Map Atlas

QA:NA

Existing Features

- Well Location
- Spring Location
- Dirt Road
- Drainage
- Fence Line
- Paved Road
- Power Pole
- Power Lines Derived from Photogrammetry
- Abandoned Rail Bed
- Operating Rail LIne
- Water Body / River
- Jurisdictional Waters of the US
- Water Line Identified from USGS 1:24,000 Quadrangles
- Telephone Line Identified from USGS 1:24,000 Quadrangles
- Pipelines Identified from BLM Master Title Plat Maps
- Telephone Lines Identified from BLM Master Title Plat Map
- Land Ownership Boundary (shaded blue where privately owned)
- Wetland
- Township/Range/Section Boundary
- Area of Critcal Environmental Concern

Proposed Features

- Potential Well Site Location (1)
- Centerline of Caliente Rail Alignment
- Railroad Cut
- Railroad Fill
- Bridge Deck (Major Structures Only)
- Proposed Fence Line
- Access Road (1)
- Quarry Conveyor Belt
- Proposed Construction Right-of-Way Boundary
- Potential Quarry/Plant Site Boundary
- Potential Railroad Siding Related to Quarry Site Operations Boundary
- Construction Camp Location
- Permanent Area of Impact

(1) Access Roads and Potential Well Site Locations are conceptual only and are subject to final design.

Environmental Impact Statement for the Alignment, Construction, and Operation of a Rail Line to a Geological Repository at Yucca Mountain Nye County, Nevada

Yucca Mountain Railroad Caliente Rail Alignment Map Atlas

Map Atlas Notes

The map atlas is provided for informational purposes to illustrate the proposed locations of infrastructure associated with the Yucca Mountain Railroad, including alternative alignments, common segments, and facilities. The features shown on the maps are of varying accuracy as described below. Hardcopies of this map atlas are divided into five books for ease of handling. Each book consists of the following layout:

- Cover page and explanation of the map symbology.
- Map atlas notes (Map Atlas Book 1 only).
- Three scoping maps that show: 1) the preliminary alternative alignments and common segments presented during scoping, 2) the suite of potential alternative alignments resulting from scoping meetings, and 3) the alternative alignments and common segments analyzed in the EIS (Map Atlas Book 1 only).
- Eight index maps per book that show the relationship between the alternative alignments and common segments and each individual map sheet.
- Individual map sheets at 1:5,000 scale (see note 3, below) that show various spatial data layers overlain on aerial imagery at 1:2,400 scale. Approximately 100 map sheets per book.

Note 1 – Symbology

All individual map sheets in the atlas use consistent symbology as defined on the cover page. The symbology consists of points, lines, and polygonal areas that represent actual or proposed features, such as roads, overlain on aerial imagery of the project area.

Note 2 – Conceptual Information

The locations of proposed access roads and proposed wells are conceptual only: the actual locations will be subject to final design. Similarly, locations and lengths of bridges are subject to final design. In some cases, proposed features such construction camps or quarry locations may be shown bisecting or overlaying on existing features such as fence lines or roads. These proposed features are also subject to final design.

Note 3 – Map Scale, Data Sources, and Data Representation

The data portrayed in the map atlas are from numerous sources including, but not limited to, federal, state, and local government agencies, private companies, and empirical observations. The index maps located at the beginning of each book are at a scale of 1:200,000 (1 inch on an index map represents approximately 3 miles on the ground). The individual map sheets are produced at 1:5,000 scale (1 inch on the map represents approximately 416 feet on the ground). Wherever possible the data layers used were also 1:5,000 scale. The majority of the data shown on the maps were derived from photogrammetric analysis of aerial imagery and are at 1:5,000 scale. However, some data were only available at smaller scales and should be considered enlargements. For example, landowner boundaries are at 1:100,000 scale; utilities and other data derived from USGS 7.5 minute quadrangle maps are 1:24,000 scale. Therefore, not all of the features shown will align precisely with the orthorectified aerial imagery or other features that were developed at different scales. For example, jurisdictional waters of the United States, developed at 1:24,000, may not align precisely with drainage features derived from the aerial photography. Additional examples of apparent misalignment of linear features may include the location of proposed construction camps and sidings in relation to the proposed construction right-of-way. In addition, linear data derived from photogrammetric analysis may appear truncated or discontinuous due to the photogrammetry derivation processes.

Note 4 – Imagery

The images used as the background for the map atlas were acquired from different sources at various scales and were produced using different photogrammetric procedures. The majority of the imagery was acquired using aerial photography at a scale of 1:2,400. In some cases, adjacent images do not overlap correctly and these areas are shown as jagged white or grey lines bisecting the map page. They indicate areas where there is no data for an image pixel. This gap in adjacent images is unavoidable and cannot be corrected.

In areas where Department of Energy did not acquire data, the imagery shown is 7.5-minute digital orthophoto quadrangles (DOQs) from the W. M. Keck Earth Sciences and Mining Research Information Center at the University of Nevada. More information on DOQs is located at the following sites: http://keck.library.unr.edu/data/doqs/doqs_download.html, and http://online.wr.usgs.gov/ngpo/doq/.

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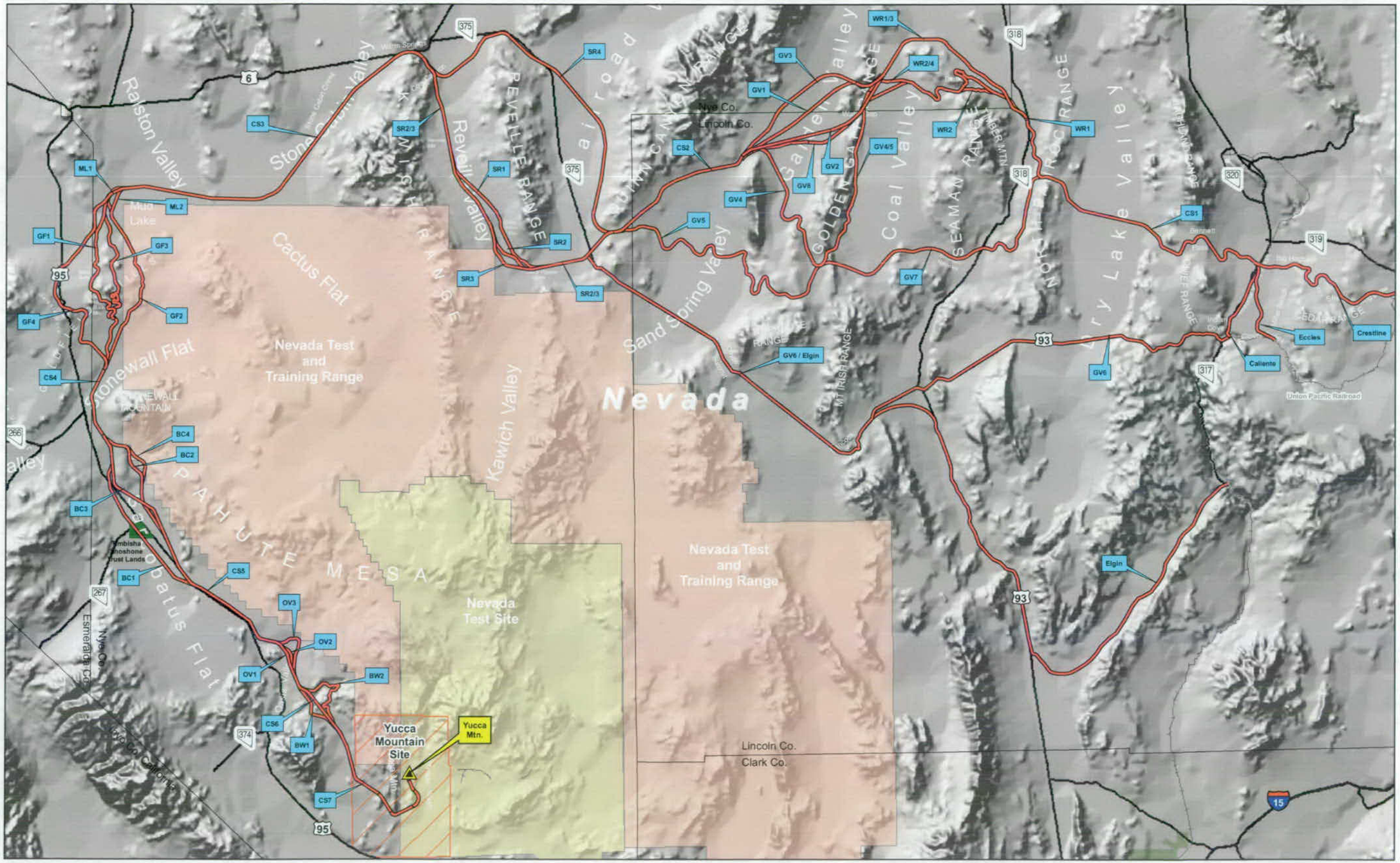
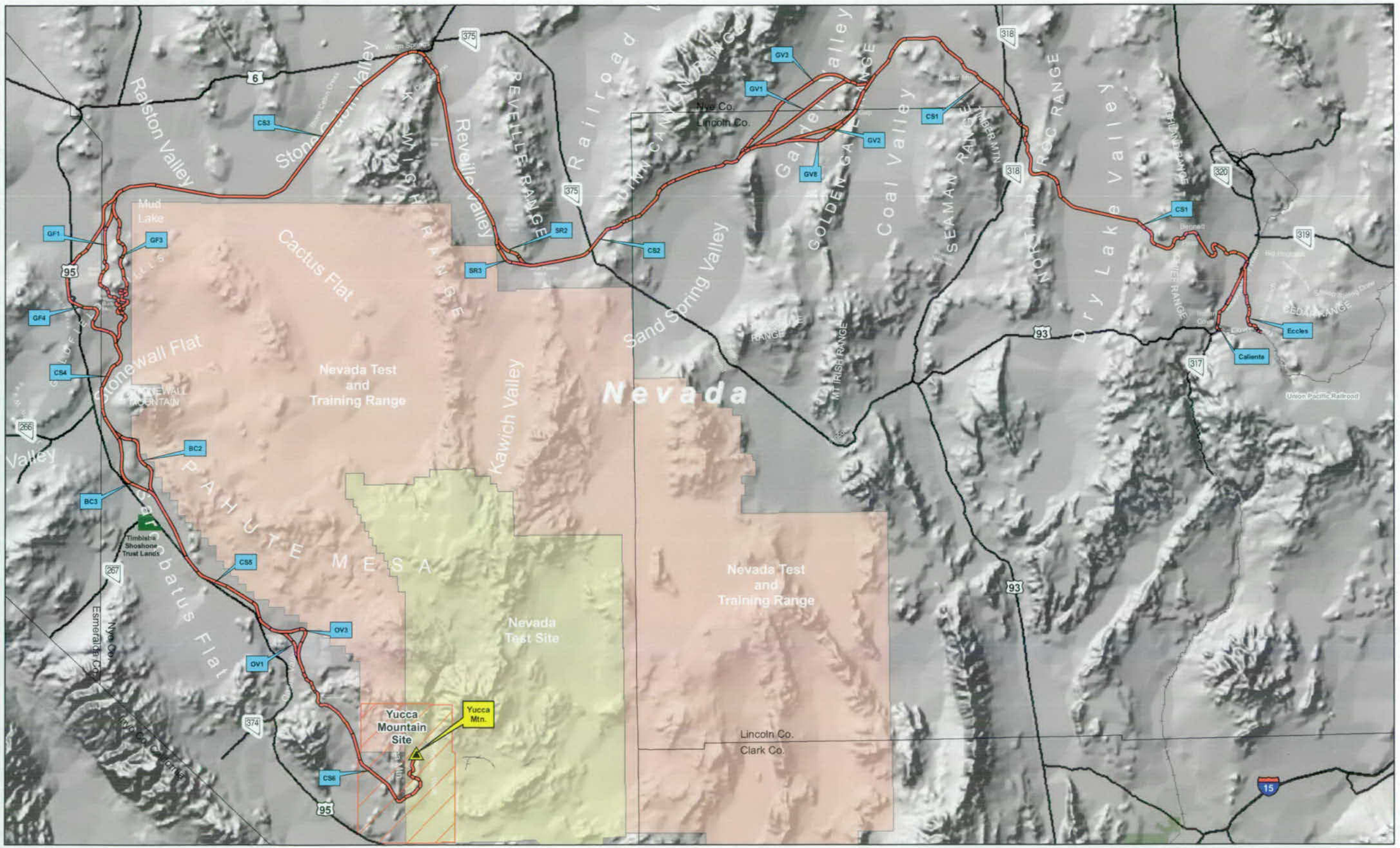
Miles
0 10 20 30 40
Kilometers
0 10 20 30 40

Preliminary Alternative Alignments and Common Segments Presented During Caliente Alignment Scoping



Suite of Potential Alternative Alignments as a Result of the Caliente Alignment Scoping



Miles
0 10 20 30 40
Kilometers
0 10 20 30 40

Alternative Alignments and Common Segments of the Caliente Alignment Analyzed in this EIS

Sheet Numbers	Alignment Segment(s)
1 - 9	Caliente
10 - 17	Eccles
18 - 21	Caliente/Eccles
22 - 74	Common Segment 1
74 - 104	Common Segment 1 (White River Area)
105 - 181	Garden Valley 1,2,3,8
182 - 211	Common Segment 2 East
212 - 221	Common Segment 2 West
222 - 240	South Reveille 2,3
241 - 321	Common Segment 3
322 - 391	Goldfield 1,3,4
392 - 397	Common Segment 4
398 - 420	Bonnie Claire 2,3
421 - 446	Common Segment 5
447 - 459	Oasis Valley 1,3
460 - 471	Common Segment 6 (Beatty Wash Area)
472 - 493	Common Segment 6 Busted Butte
494	Maintenance-of-Way Headquarters Building
495 - 499	Quarry CA-8B Area Operations
500 - 501	Quarry NN-9B Area Operations
502 - 503	Quarry NN-9A Area Operations
504 - 506	Quarry NS-3A Area Operations
369 - 370, 507	Quarry NS-3B Area Operations
508 - 512	Quarry ES-7 Area Operations

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Legend

- Caliente Rail Alignment
- Proposed or Existing Access Road
- Operating Rail Line
- Major Roads
- Potential Well Site Location
- 68 Map Book Sheet Number
- Native American Reservation Lands
- Approximate City/Town Limits
- Nevada Test Site
- Nellis Air Force Range Boundary
- Grazing Allotment Boundaries
- Construction Camp Location
- Quarry Site Location
- Nevada State and County Boundaries
- Yucca Mountain Site

Miles
0 2 4 6 8 10
Kilometers
0 4 8 12 16 20

Scale
1:200,000

Yucca Mountain Railroad
Caliente Alignment Map Atlas
Index Map 1 of 8

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Legend

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- Operating Rail Line
- Major Roads
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- Native American Reservation Lands
- Approximate City/Town Limits
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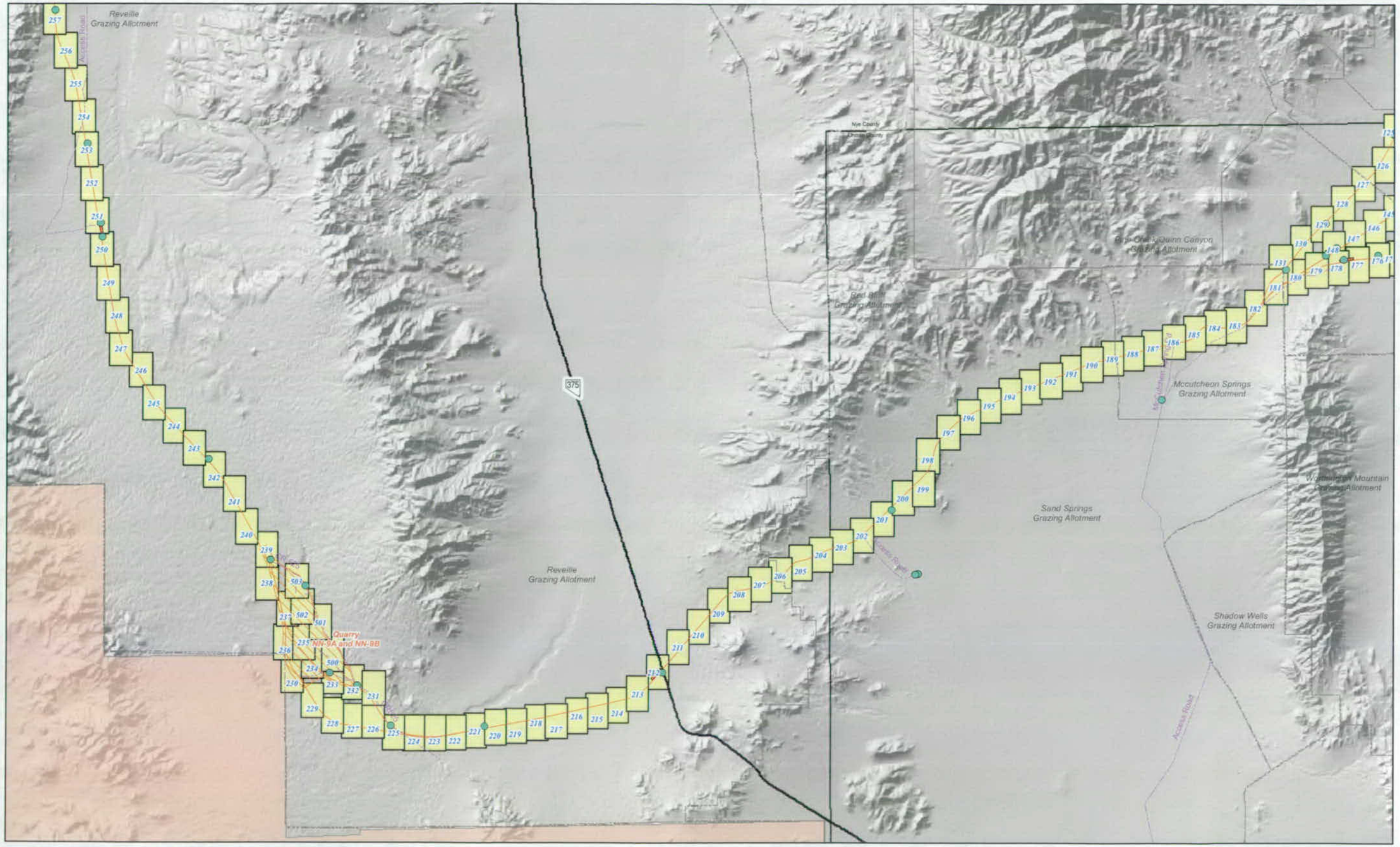
Miles
0 2 4 6 8 10
Kilometers
0 4 8 12 16 20

Scale
1:200,000

Yucca Mountain Railroad Caliente Alignment Map Atlas Index Map 2 of 8



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Legend

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- Proposed or Existing Access Road
- Operating Rail Line
- Major Roads
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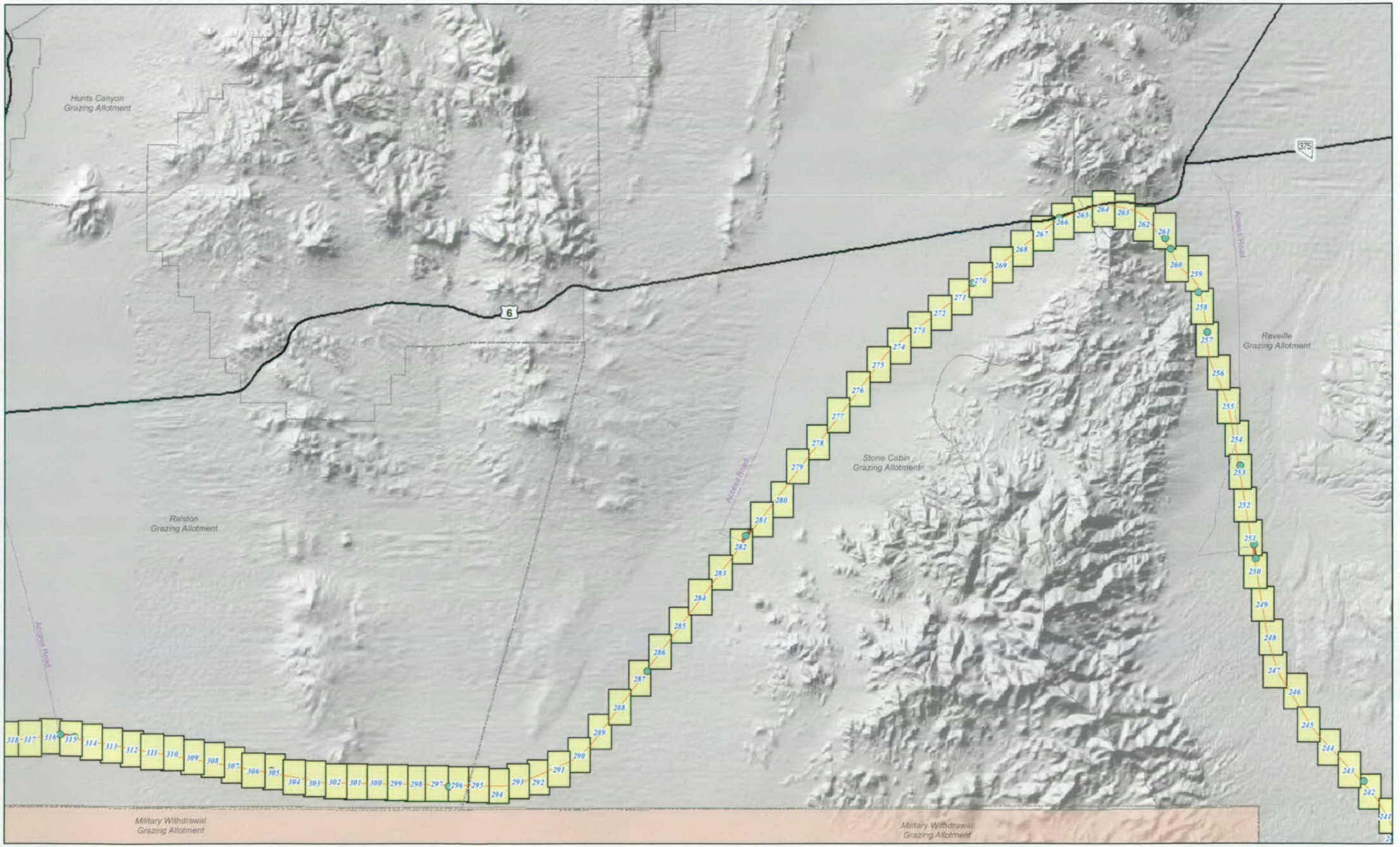
- Construction Camp Location
- Quarry Site Location
- Nevada State and County Boundaries
- Yucca Mountain Site

Miles
0 2 4 6 8 10

Kilometers
0 4 8 12 16 20

Scale
1:200,000

Yucca Mountain Railroad Caliente Alignment Map Atlas Index Map 3 of 8



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Legend

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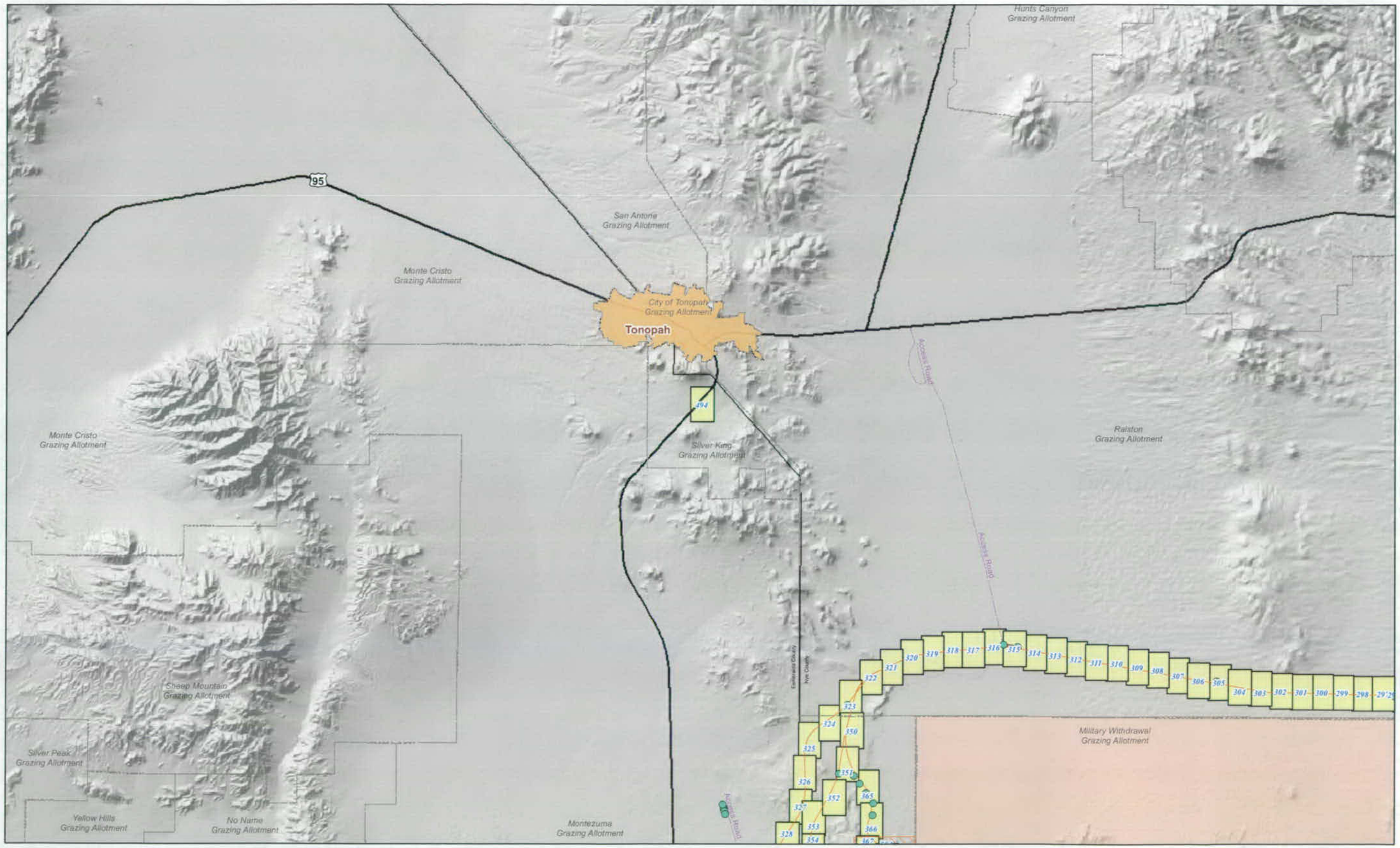
- Yucca Mountain Site

Miles
0 2 4 6 8 10
Kilometers
0 4 8 12 16 20

Scale
1:200,000

Yucca Mountain Railroad
Caliente Alignment Map Atlas
Index Map 4 of 8



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Legend

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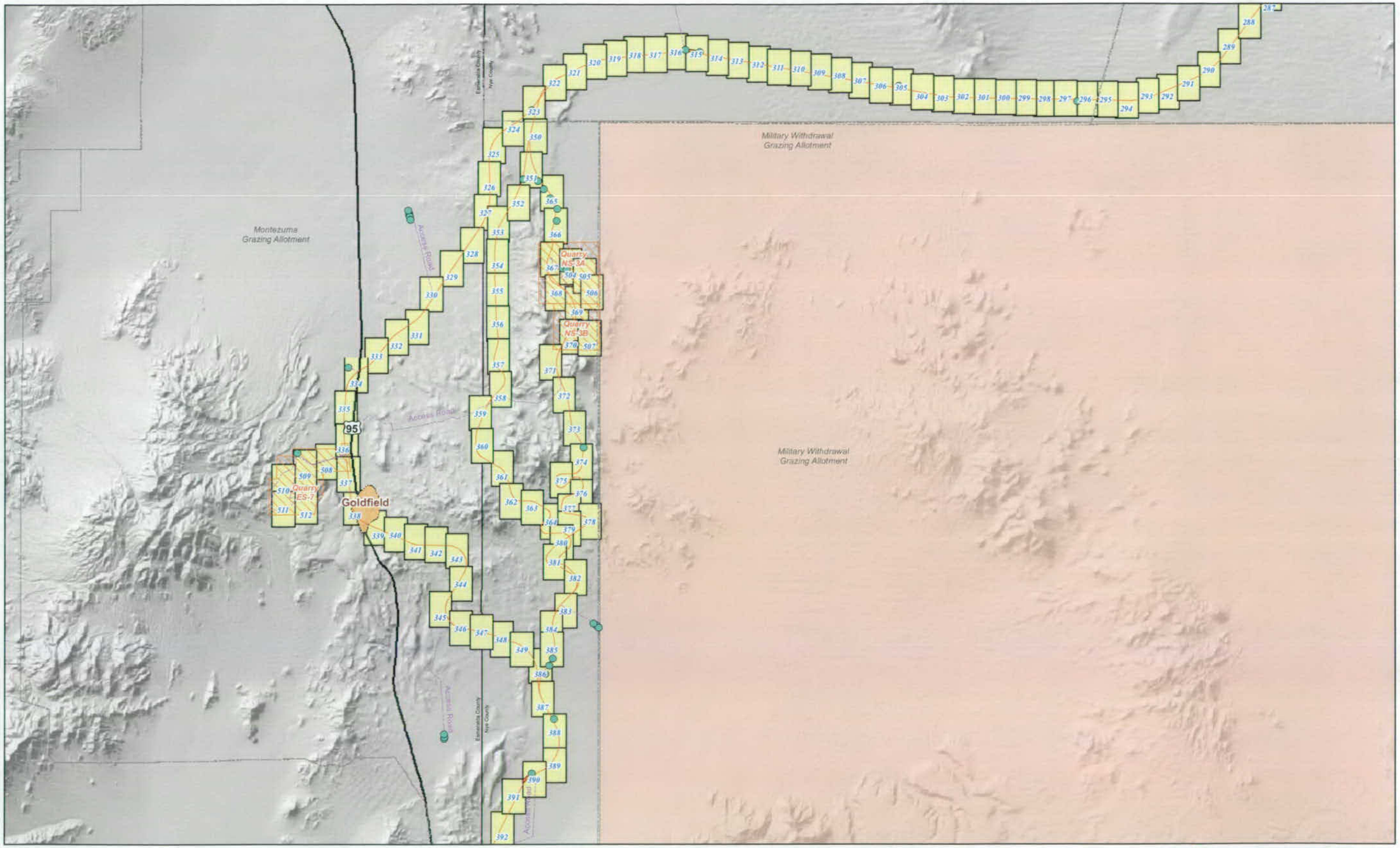
- Construction Camp Location
- Quarry Site Location
- Nevada State and County Boundaries
- Yucca Mountain Site

Miles
0 2 4 6 8 10
Kilometers
0 4 8 12 16 20

Scale
1:200,000

Yucca Mountain Railroad
Caliente Alignment Map Atlas
Index Map 5 of 8



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Legend

- Caliente Rail Alignment
- Proposed or Existing Access Road
- Operating Rail Line
- Major Roads
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- Grazing Allotment Boundaries
- Construction Camp Location
- Quarry Site Location
- Nevada State and County Boundaries
- Yucca Mountain Site

Miles
0 2 4 6 8 10
Kilometers
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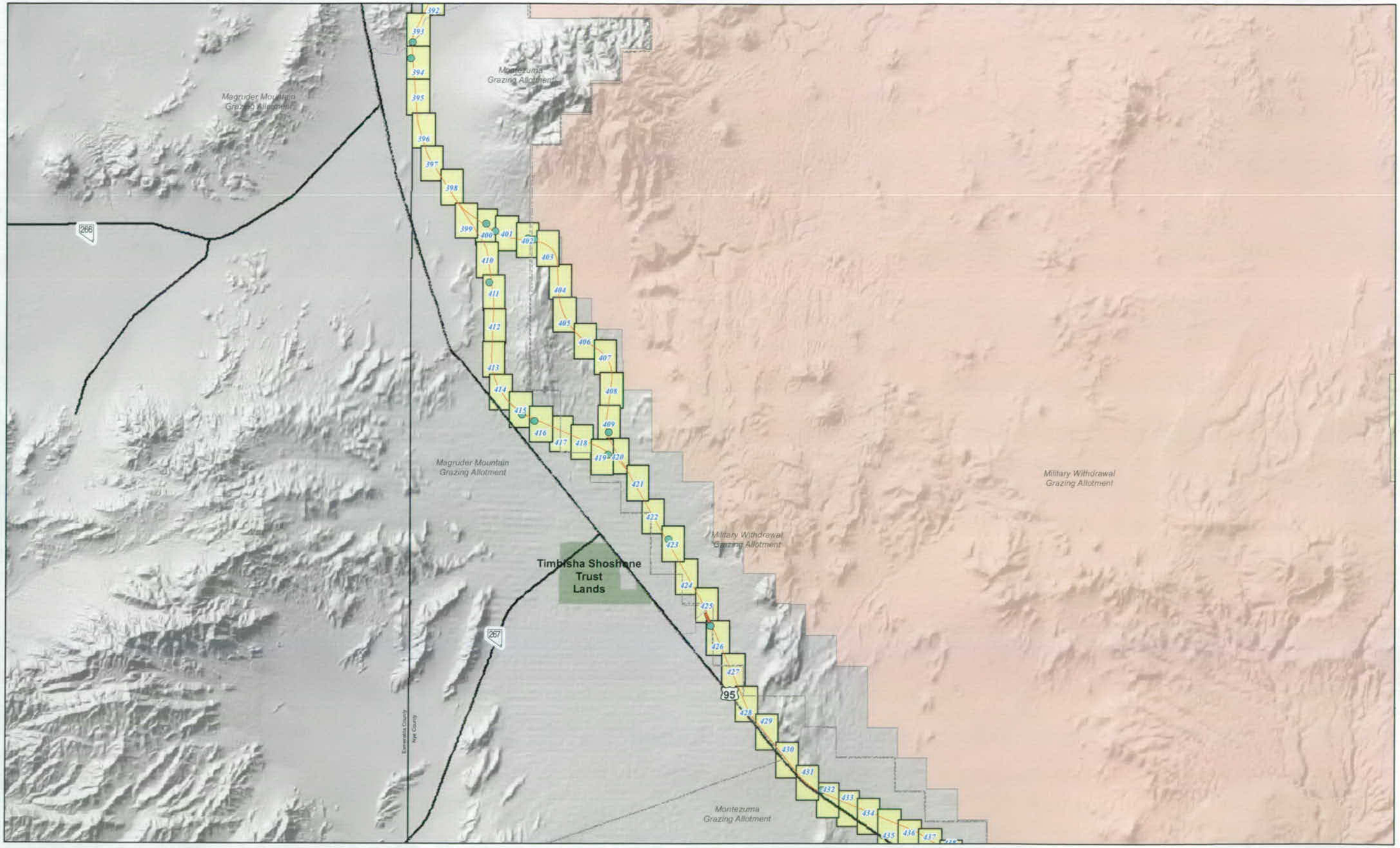
Scale
1:200,000

Yucca Mountain Railroad
Caliente Alignment Map Atlas
Index Map 6 of 8



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Legend

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- Proposed or Existing Access Road
- Operating Rail Line
- Major Roads
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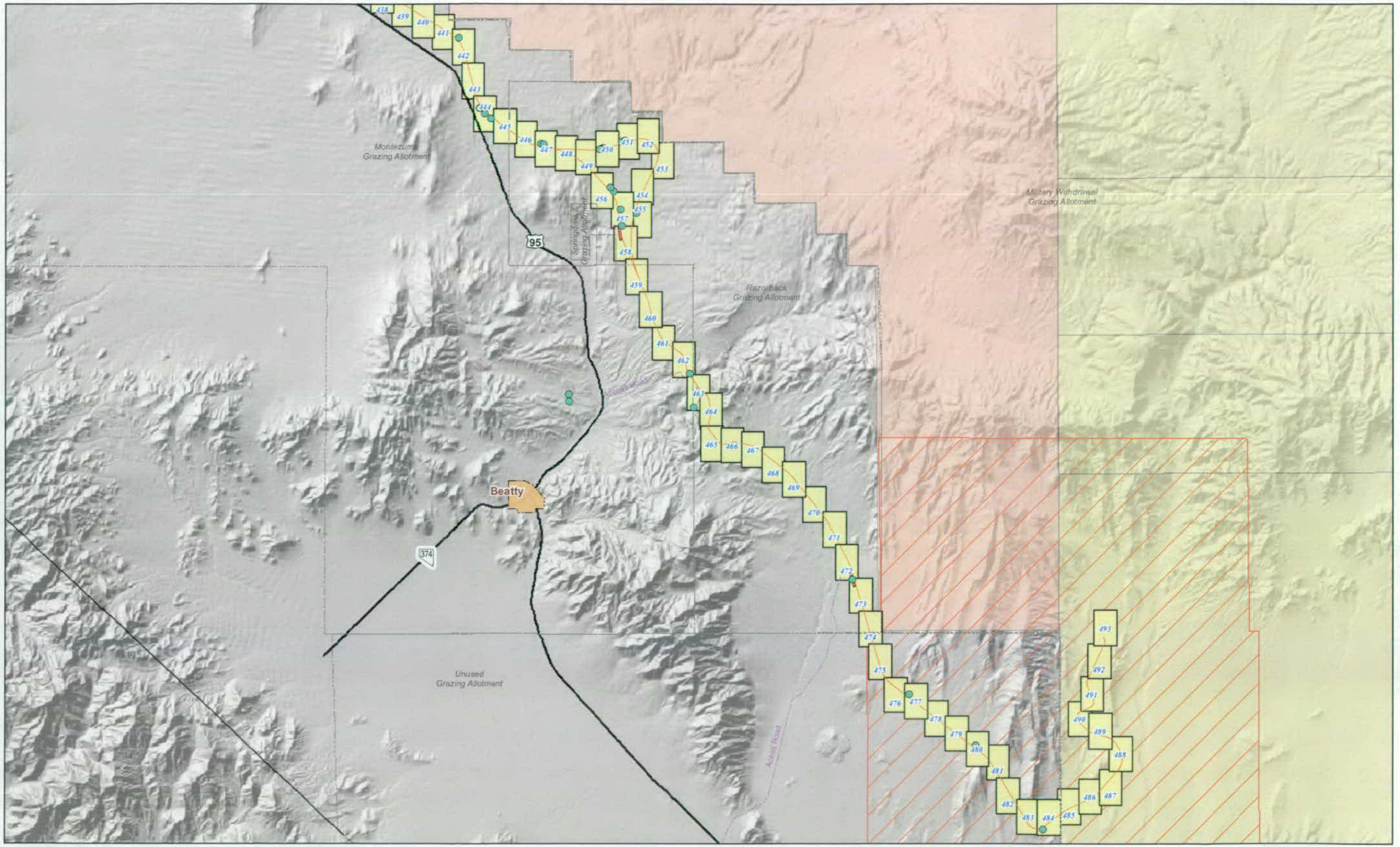
- Grazing Allotment Boundaries
- Construction Camp Location
- Quarry Site Location
- Nevada State and County Boundaries
- Yucca Mountain Site

Miles
0 2 4 6 8 10
Kilometers
0 4 8 12 16 20

Scale
1:200,000

Yucca Mountain Railroad
Caliente Alignment Map Atlas
Index Map 7 of 8



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Legend

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- Major Roads
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- Construction Camp Location
- Quarry Site Location
- Nevada State and County Boundaries
- Yucca Mountain Site

Miles
0 2 4 6 8 10
Kilometers
0 4 8 12 16 20

Scale
1:200,000

Yucca Mountain Railroad
Caliente Alignment Map Atlas
Index Map 8 of 8

114°30'18"W 114°30'9"W 114°30'W 114°29'51"W 114°29'42"W

37°37'30"N 37°37'21"N 37°37'12"N 37°37'3"N 37°36'54"N 37°36'45"N 37°36'36"N

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4S 67E 04
4S 67E 08
4S 67E 09

BLM
PRIVATE LAND
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Meters
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Yucca Mountain Railroad
Caliente Alignment Map Atlas
Caliente Segment
Caliente City, Nevada

PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 1 OF 512

114°31'3"W 114°30'54"W 114°30'45"W 114°30'36"W 114°30'27"W

37°37'39"N 37°37'30"N 37°37'21"N 37°37'12"N 37°37'3"N 37°36'54"N 37°36'45"N

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4S 67E 05

PRIVATE LAND

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Lincoln Street
Market Street
McKinley Street
Osbourne Street

4S 67E 08

4S 67E 07

Caliente
Interchange
Yard

Clover Street

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Meters
0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas Caliente Segment Caliente City, Nevada	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 2 OF 512

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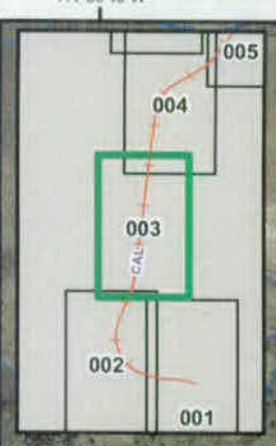

Yucca Mountain Railroad
Staging Yard Caliente,
Indian Cove option

15 67E 32

93

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PRIVATE LAND

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Feet
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Meters
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Yucca Mountain Railroad
Caliente Alignment Map Atlas
Caliente Segment
Caliente City, Nevada

PREPARED FOR	DOE	SCALE	1 : 5,000
DATE	MARCH 2008	VERSION	LEX20080317-001
SOURCE	PHE PROJECT TEAM		SHEET 3 OF 512

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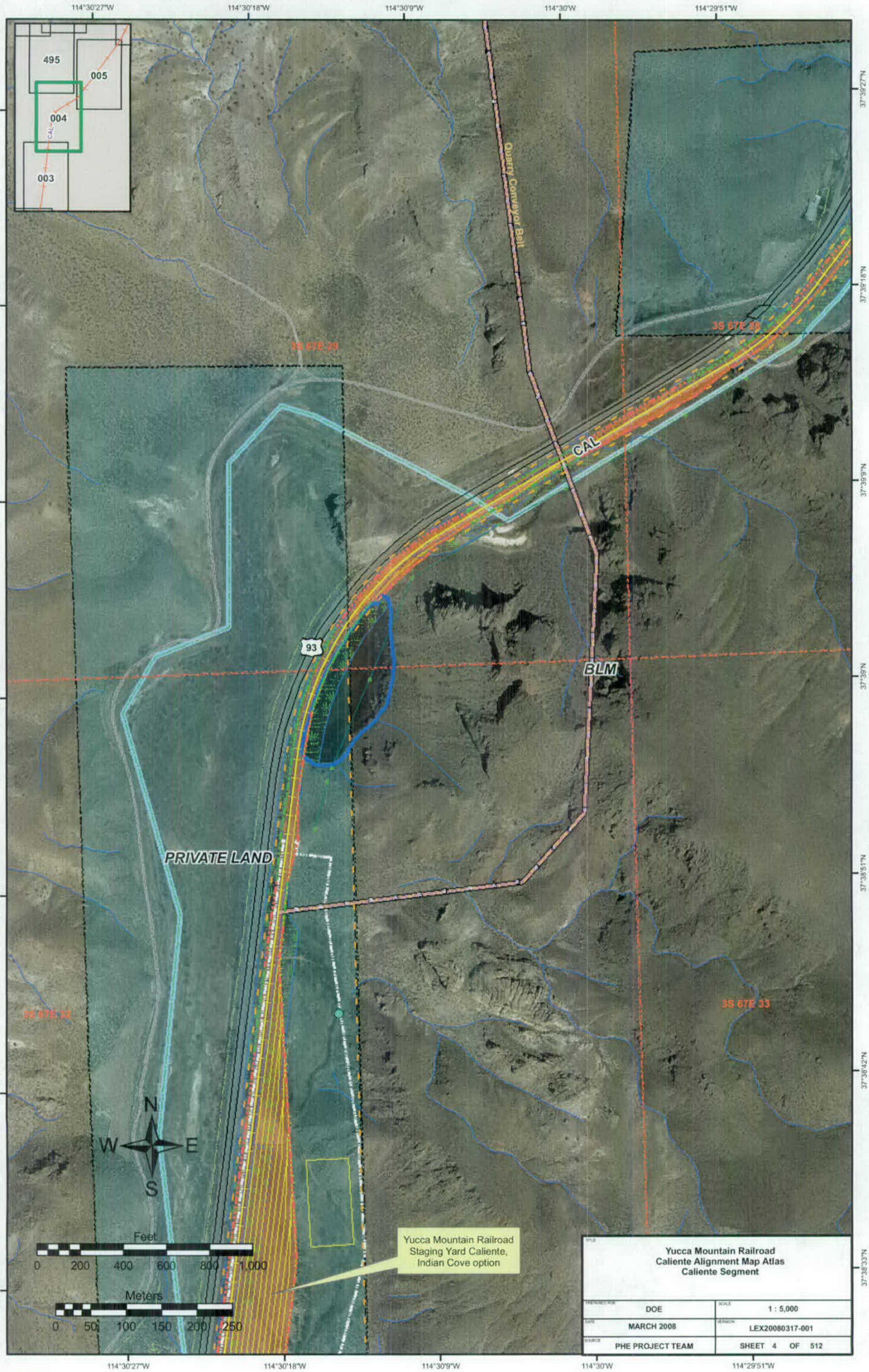
114°30'27"W
114°30'18"W
114°30'9"W
114°30'W
114°29'51"W
37°39'27"N
37°39'18"N
37°39'9"N
37°39'N
37°38'51"N
37°38'42"N
37°38'33"N
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003
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Quarry Conveyor Belt
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3S 67E 28
3S 67E 32
3S 67E 33
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BLM
PRIVATE LAND
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0 200 400 600 800 1,000
Meters
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Yucca Mountain Railroad
Staging Yard Caliente,
Indian Cove option
Yucca Mountain Railroad
Caliente Alignment Map Atlas
Caliente Segment
DOE
1 : 5,000
MARCH 2008
LEX20080317-001
PHE PROJECT TEAM
SHEET 4 OF 512

114°29'42"W 114°29'33"W 114°29'24"W 114°29'15"W 114°29'6"W

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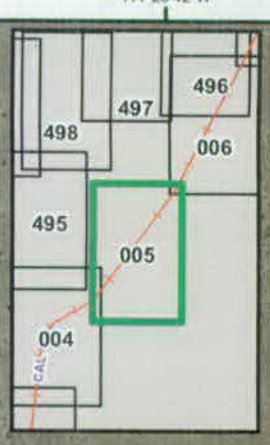

35 67E 21

Quarry Conveyor Belt

Telephone Line

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PRIVATE LAND

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Feet
0 200 400 600 800 1,000

Meters
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Yucca Mountain Railroad Caliente Alignment Map Atlas Caliente Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 5 OF 512

114°29'42"W 114°29'33"W 114°29'24"W 114°29'15"W 114°29'6"W

114°28'57"W 114°28'48"W 114°28'39"W 114°28'30"W 114°28'21"W

37°40'57"N 37°40'48"N 37°40'39"N 37°40'30"N 37°40'21"N 37°40'12"N 37°40'3"N

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Quarry Conveyor Belt

Potential Siding Location

CAL Siding (CA-18)

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PRIVATE LAND

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3S 67E 22

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Feet
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Meters
0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas Caliente Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 6 OF 512

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114°28'21"W 114°28'12"W 114°28'3"W 114°27'54"W 114°27'45"W

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35 67E 11
35 67E 14
35 67E 15

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PRIVATE LAND
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Meters
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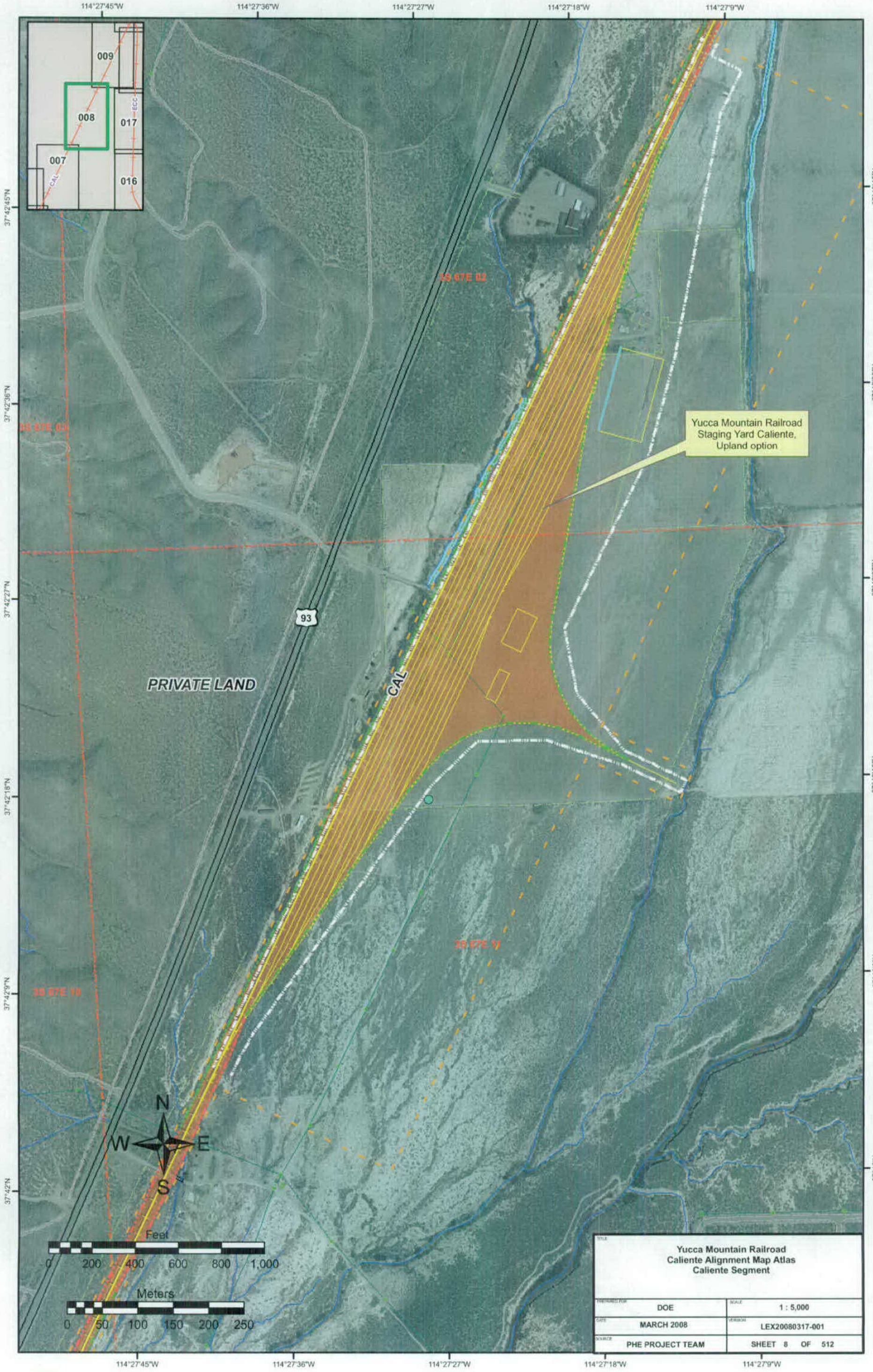
Yucca Mountain Railroad
Caliente Alignment Map Atlas
Caliente Segment

PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 7 OF 512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114°27'36"W
114°27'27"W
114°27'18"W
114°27'9"W
37°42'45"N
37°42'36"N
37°42'27"N
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37°42'9"N
37°42'N
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35 67E 11
Yucca Mountain Railroad
Staging Yard Caliente,
Upland option
93
PRIVATE LAND
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Feet
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Meters
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Yucca Mountain Railroad
Caliente Alignment Map Atlas
Caliente Segment
PREPARED FOR
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SCALE
1 : 5,000
DATE
MARCH 2008
VERSION
LEX20080317-001
SOURCE
PHE PROJECT TEAM
SHEET 8 OF 512

114°27'9"W 114°27'W 114°26'51"W 114°26'42"W 114°26'33"W

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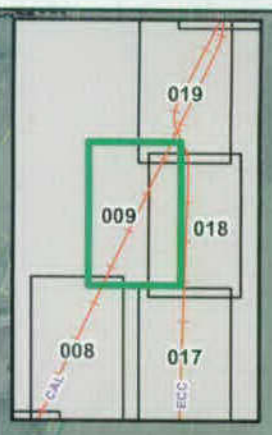

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25 67E 36

PRIVATE LAND

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Meters
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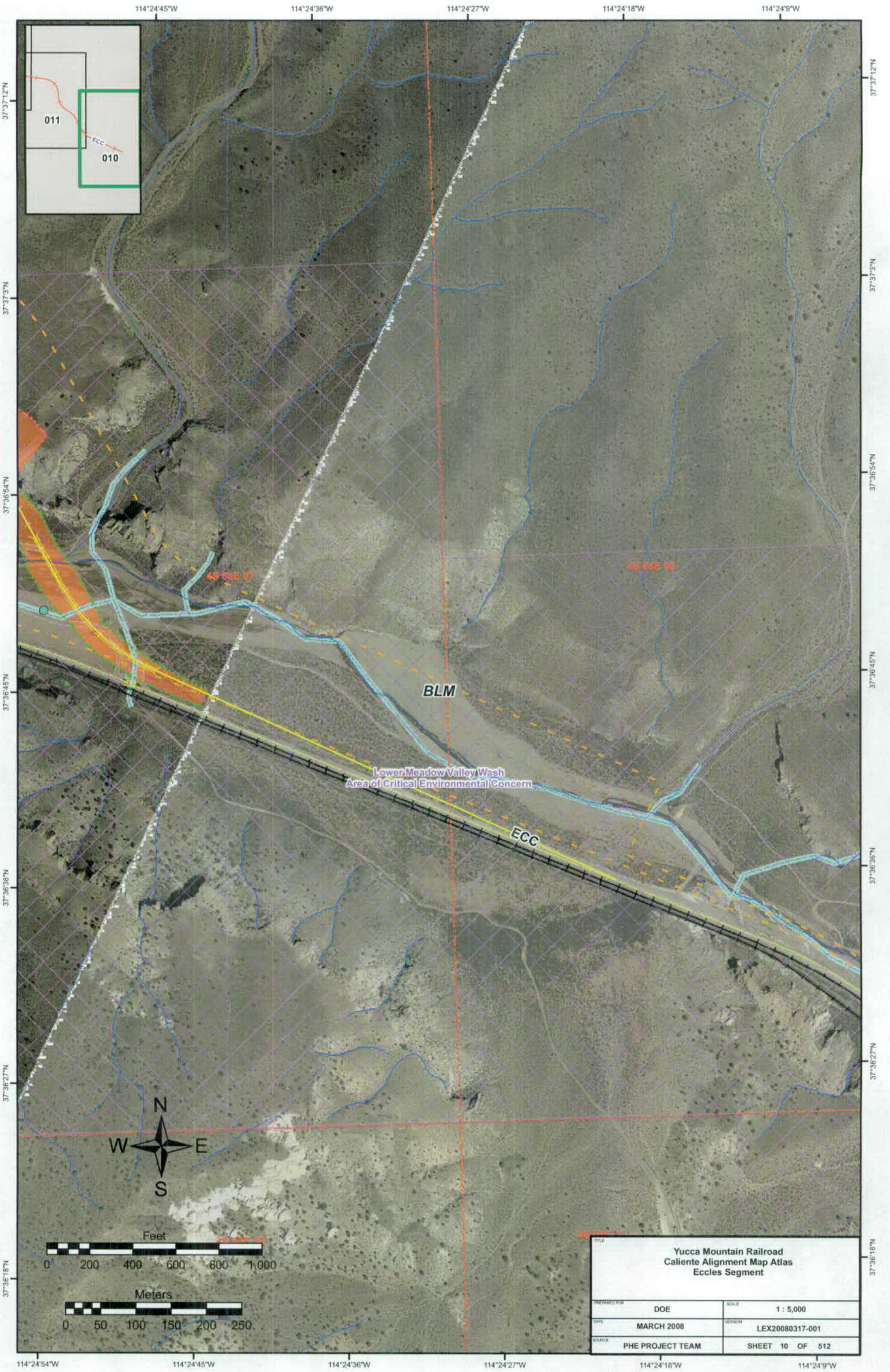
114°27'18"W 114°27'9"W 114°27'W 114°26'51"W 114°26'42"W 114°26'33"W

Yucca Mountain Railroad
Caliente Alignment Map Atlas
Caliente Segment

PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 9 OF 512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114°24'36"W
114°24'27"W
114°24'18"W
114°24'9"W
37°37'12"N
37°37'3"N
37°36'54"N
37°36'45"N
37°36'36"N
37°36'27"N
37°36'18"N
011
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48 68E 07
48 68E 08
BLM
Lower Meadow Valley Wash
Area of Critical Environmental Concern
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E
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Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
Eccles Segment
PREPARED FOR DOE
SCALE 1 : 5,000
DATE MARCH 2008
VERSION LEX20080317-001
SOURCE PHE PROJECT TEAM
SHEET 10 OF 512

114°25'30"W 114°25'21"W 114°25'12"W 114°25'3"W 114°24'54"W

37°37'39"N 37°37'30"N 37°37'21"N 37°37'12"N 37°37'3"N 37°36'54"N 37°36'45"N

013
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45 68E 06
45 67E 01
45 68E 07
45 67E 12

PRIVATE LAND
BLM

Eccles Interchange Yard

ECC

Lower Meadow Valley Wash
Area of Critical Environmental Concern

N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad
Caliente Alignment Map Atlas
Eccles Segment

PREPARED FOR:	DOE	SCALE:	1 : 5,000
DATE:	MARCH 2008	VERSION:	LEX20080317-001
SOURCE:	PHE PROJECT TEAM		SHEET 11 OF 512

114°26'15"W
114°26'6"W
114°25'57"W
114°25'48"W
114°25'39"W
37°37'57"N
37°37'48"N
37°37'39"N
37°37'30"N
37°37'21"N
37°37'12"N

013
012
011
ECC
BLM
4S 67E 01
4S 68E 00
PRIVATE LAND
4S 67E 12
4S 68E 07
Lower Meadow Valley Wash
Area of Critical Environmental Concern

N
W
E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

TITLE	Yucca Mountain Railroad Caliente Alignment Map Atlas Eccles Segment
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 12 OF 512

114°26'33"W 114°26'24"W 114°26'15"W 114°26'6"W 114°25'57"W

37°39'N 37°38'51"N 37°38'42"N 37°38'33"N 37°38'24"N 37°38'15"N 37°38'6"N

014
013
012
011
ECC

BLM

ECC

3S 67E 36

3S 67E 01

N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad
Caliente Alignment Map Atlas
Eccles Segment

PREPARED FOR	SCALE
DOE	1 : 5,000
DATE	VERSION
MARCH 2008	LEX20080317-001
SOURCE	SHEET 13 OF 512
PHE PROJECT TEAM	

114°26'15"W 114°26'6"W 114°25'57"W 114°25'48"W 114°25'39"W

37°39'54"N 37°39'45"N 37°39'36"N 37°39'27"N 37°39'18"N 37°39'9"N 37°39'N

015 014 013

ECC

3S 67E 24

3S 67E 25

3S 67E 36

BLM

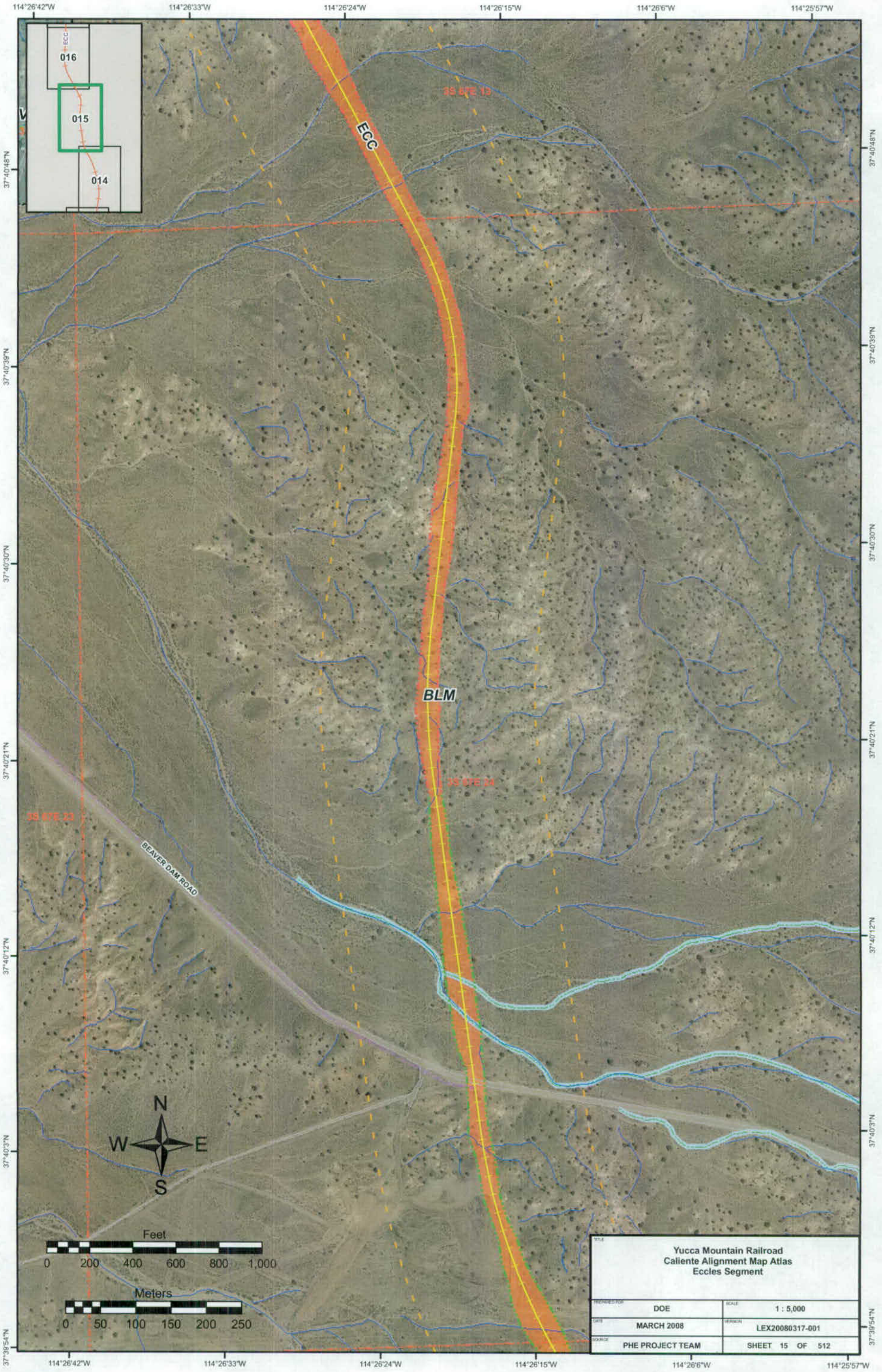
N W E S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas Eccles Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 14 OF 512

114°26'24"W 114°26'15"W 114°26'6"W 114°25'57"W 114°25'48"W 114°25'39"W


114°26'42"W
114°26'33"W
114°26'24"W
114°26'15"W
114°26'6"W
114°25'57"W
37°40'48"N
37°40'39"N
37°40'30"N
37°40'21"N
37°40'12"N
37°40'3"N
37°39'54"N
016
015
014
ECC
38 67E 13
38 67E 24
38 67E 23
BLM
BEAVER DAM ROAD
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
Eccles Segment
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 15 OF 512

114°26'51"W 114°26'42"W 114°26'33"W 114°26'24"W 114°26'15"W

37°41'51"N 37°41'42"N 37°41'33"N 37°41'24"N 37°41'15"N 37°41'6"N 37°40'57"N

008 017 016 015

ECC

PRIVATE LAND

BLM

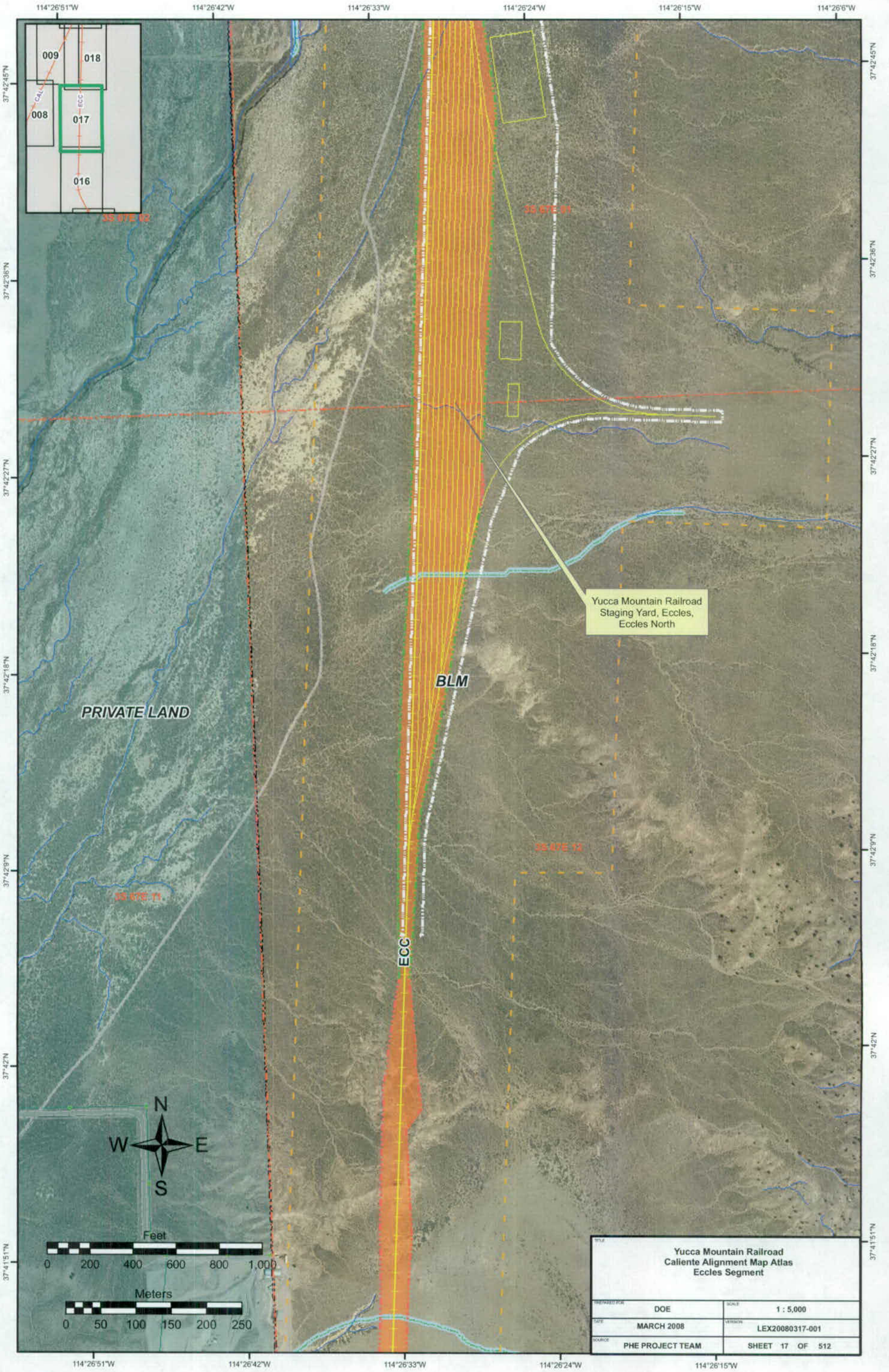
35 67E 11 35 67E 12 35 67E 13 35 67E 14

N W E S

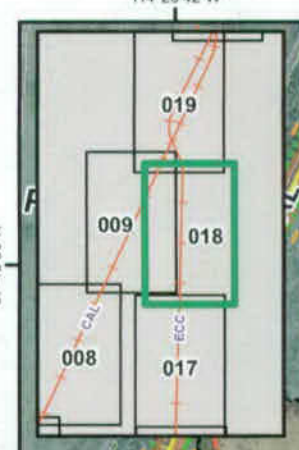
Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

TITLE	Yucca Mountain Railroad Caliente Alignment Map Atlas Eccles Segment
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 16 OF 512


114°26'51"W
114°26'42"W
114°26'33"W
114°26'24"W
114°26'15"W
114°26'6"W
37°42'45"N
37°42'36"N
37°42'27"N
37°42'18"N
37°42'9"N
37°42'N
37°41'51"N
009
018
008
017
016
CAL
ECC
35 67E 02
35 67E 01
Yucca Mountain Railroad Staging Yard, Eccles, Eccles North
BLM
PRIVATE LAND
35 67E 12
35 67E 11
ECC
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
Eccles Segment
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 17 OF 512

114°26'42"W
114°26'33"W
114°26'24"W
114°26'15"W
114°26'6"W
37°43'39"N
37°43'30"N
37°43'21"N
37°43'12"N
37°43'3"N
37°42'54"N
37°42'45"N



Construction Camp 1

25 67E 35

25 67E 36

BLM

ECC

35 67E 01

35 67E 02

N
W
E
S

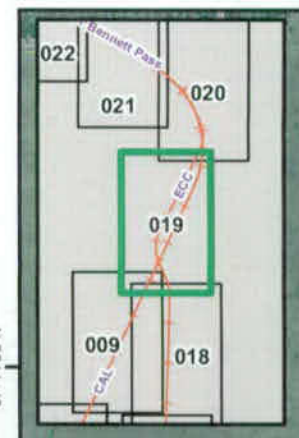
Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas Caliente/Eccles Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 18 OF 512

114°26'42"W 114°26'33"W 114°26'24"W 114°26'15"W 114°26'6"W

37°44'33"N 37°44'24"N 37°44'15"N 37°44'6"N 37°43'57"N 37°43'48"N 37°43'39"N



25 67E 26

93

25 67E 25

PRIVATE LAND

ECC

25 67E 35

25 67E 36

BLM

CAL

Construction Camp 1

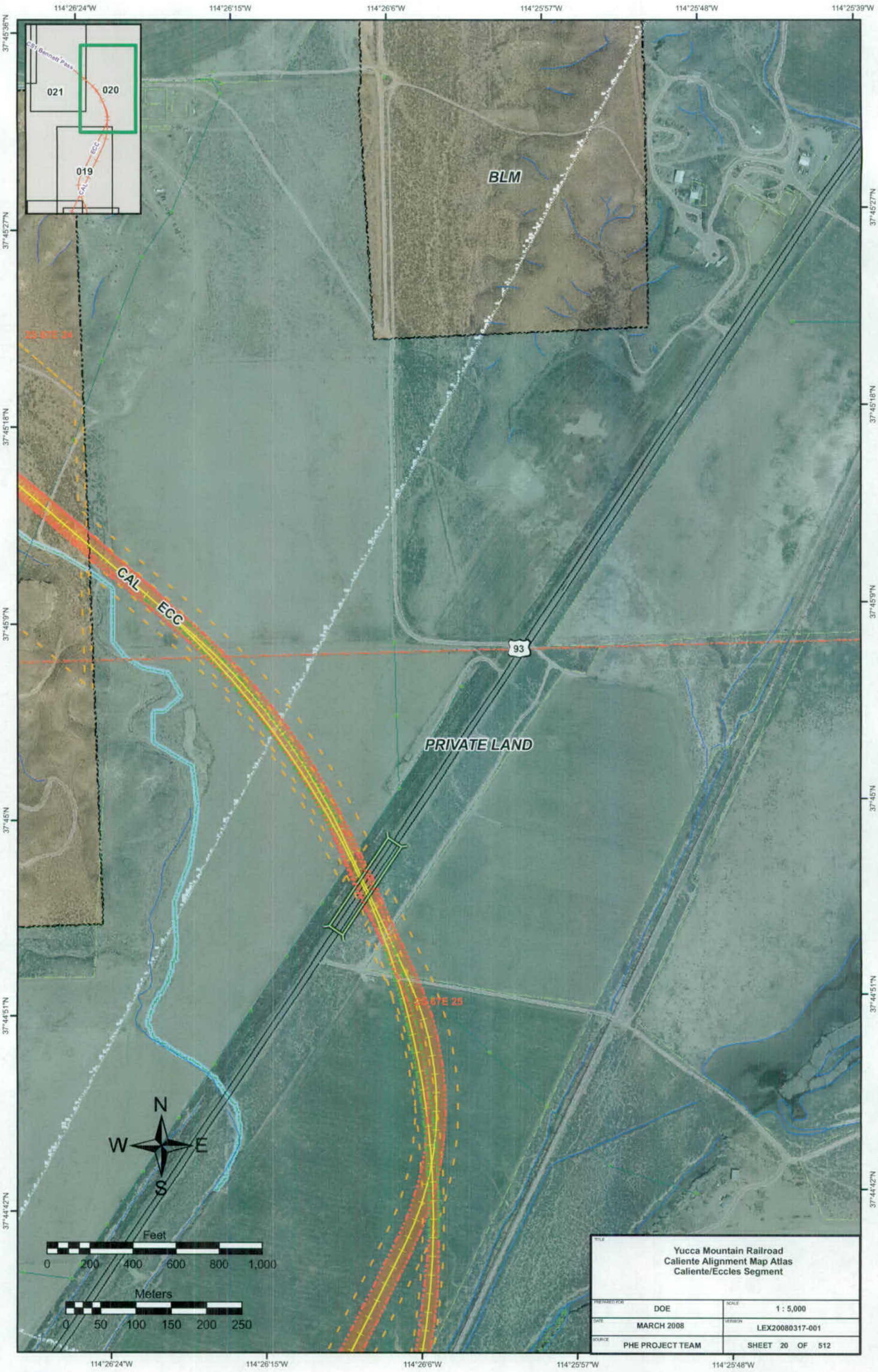
N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

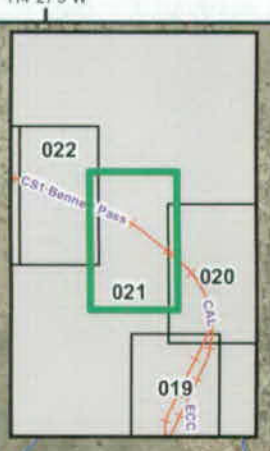
Yucca Mountain Railroad Caliente Alignment Map Atlas Caliente/Eccles Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 19 OF 512

114°26'51"W 114°26'42"W 114°26'33"W 114°26'24"W 114°26'15"W 114°26'6"W


114°26'24"W
114°26'15"W
114°26'6"W
114°25'57"W
114°25'48"W
114°25'39"W
37°45'36"N
37°45'27"N
37°45'18"N
37°45'9"N
37°45'N
37°44'51"N
37°44'42"N
CEI Bennett Pass
021
020
019
ECC
CAL
BLM
25.67E 24
CAL
ECC
93
PRIVATE LAND
25.67E 25
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
Caliente/Eccles Segment
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 20 OF 512

114°27'9"W 114°27'W 114°26'51"W 114°26'42"W 114°26'33"W 114°26'24"W

37°45'45"N 37°45'36"N 37°45'27"N 37°45'18"N 37°45'9"N 37°45'N 37°44'51"N



PRIVATE LAND

BLM

CS1

CAL

ECC

25 67E 23

25 67E 24

25 67E 26

25 67E 25

N

W E

S

Feet

0 200 400 600 800 1,000

Meters

0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas Caliente/Eccles/CS1 Segment Bennett Pass	
PREPARED BY: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 21 OF 512

114°27'45"W 114°27'36"W 114°27'27"W 114°27'18"W 114°27'9"W

37°46'12"N 37°46'3"N 37°45'54"N 37°45'45"N 37°45'36"N 37°45'27"N 37°45'18"N

Area of

25 67E 14

BLM

CS1

25 67E 23

25 67E 22

N
W E
S

Feet
0 200 400 600 800 1,000

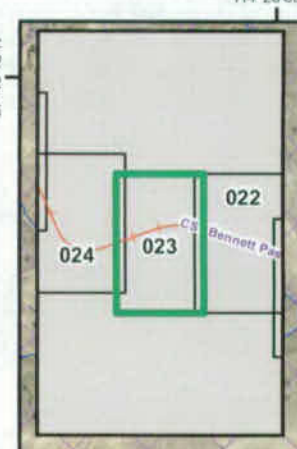
Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas CS1 Segment Bennett Pass	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 22 OF 512

114°27'54"W 114°27'45"W 114°27'36"W 114°27'27"W 114°27'18"W 114°27'9"W

114°28'30"W 114°28'21"W 114°28'12"W 114°28'3"W 114°27'54"W

37°46'12"N 37°46'3"N 37°45'54"N 37°45'45"N 37°45'36"N 37°45'27"N 37°45'18"N



Schlesser Pincushion
Area of Critical Environmental Concern

CS1

BLM

25 STE 22

N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas CS1 Segment Bennett Pass	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 23 OF 512

114°28'39"W 114°28'30"W 114°28'21"W 114°28'12"W 114°28'3"W 114°27'54"W

114°29'15"W 114°29'6"W 114°28'57"W 114°28'48"W 114°28'39"W

37°46'21"N 37°46'12"N 37°46'3"N 37°45'54"N 37°45'45"N 37°45'36"N 37°45'27"N

025 024 023

Bennett Pass

Schlesser Pincushion
Area of Critical Environmental Concern

25 675 16

25 675 15

BLM

CS1

25 672 21

25 672 22

N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas CS1 Segment Bennett Pass	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 24 OF 512

114°30'W
114°29'51"W
114°29'42"W
114°29'33"W
114°29'24"W
114°29'15"W
37°46'48"N
37°46'39"N
37°46'30"N
37°46'21"N
37°46'12"N
37°46'3"N
37°45'54"N

026
025
024
028
CS1 Bennett Pass
Bennett Pass

CS1
BLM
Schlesser Pincushion
Area of Critical Environmental Concern
25 67E 18
25 67E 17
25 67E 20
25 67E 21

N
W
E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas CS1 Segment Bennett Pass	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 25 OF 512

114°30'45"W 114°30'36"W 114°30'27"W 114°30'18"W 114°30'9"W 114°30'W

37°47'15"N 37°47'6"N 37°46'57"N 37°46'48"N 37°46'39"N 37°46'30"N 37°46'21"N

25 67E 08

25 67E 17

BLM

CS1

N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas CS1 Segment Bennett Pass	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 26 OF 512

114°31'30"W 114°31'21"W 114°31'12"W 114°31'3"W 114°30'54"W 114°30'45"W

37°46'48"N 37°46'39"N 37°46'30"N 37°46'21"N 37°46'12"N 37°46'3"N

026 027 028 029 030

LAND

CS1 Bennett Pass

25 67E 05

25 67E 18

BLM

25 67E 17

CS1

N W E S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas CS1 Segment Bennett Pass	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 27 OF 512

114°30'45"W 114°30'36"W 114°30'27"W 114°30'18"W 114°30'9"W 114°30'W

37°46'12"N 37°46'3"N 37°45'54"N 37°45'45"N 37°45'36"N 37°45'27"N 37°45'18"N

2S 67E 17

CS1

BLM

2S 67E 30

N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas CS1 Segment Bennett Pass	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 28 OF 512

114°31'30"W 114°31'21"W 114°31'12"W 114°31'3"W 114°30'54"W 114°30'45"W

37°45'54"N 37°45'45"N 37°45'36"N 37°45'27"N 37°45'18"N 37°45'9"N 37°45'N

026
027
028
029
030
(CS) Bennett Pass

CS1

BLM

25 67E 30
25 67E 29

N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas CS1 Segment Bennett Pass	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 29 OF 512

114°32'15"W 114°32'6"W 114°31'57"W 114°31'48"W 114°31'39"W 114°31'30"W

37°46'21"N 37°46'12"N 37°46'3"N 37°45'54"N 37°45'45"N 37°45'36"N 37°45'27"N

031 032 030 029

CS1 Bennett Pass

25 66E 13 25 67E 18 25 66E 24 25 67E 19

CS1

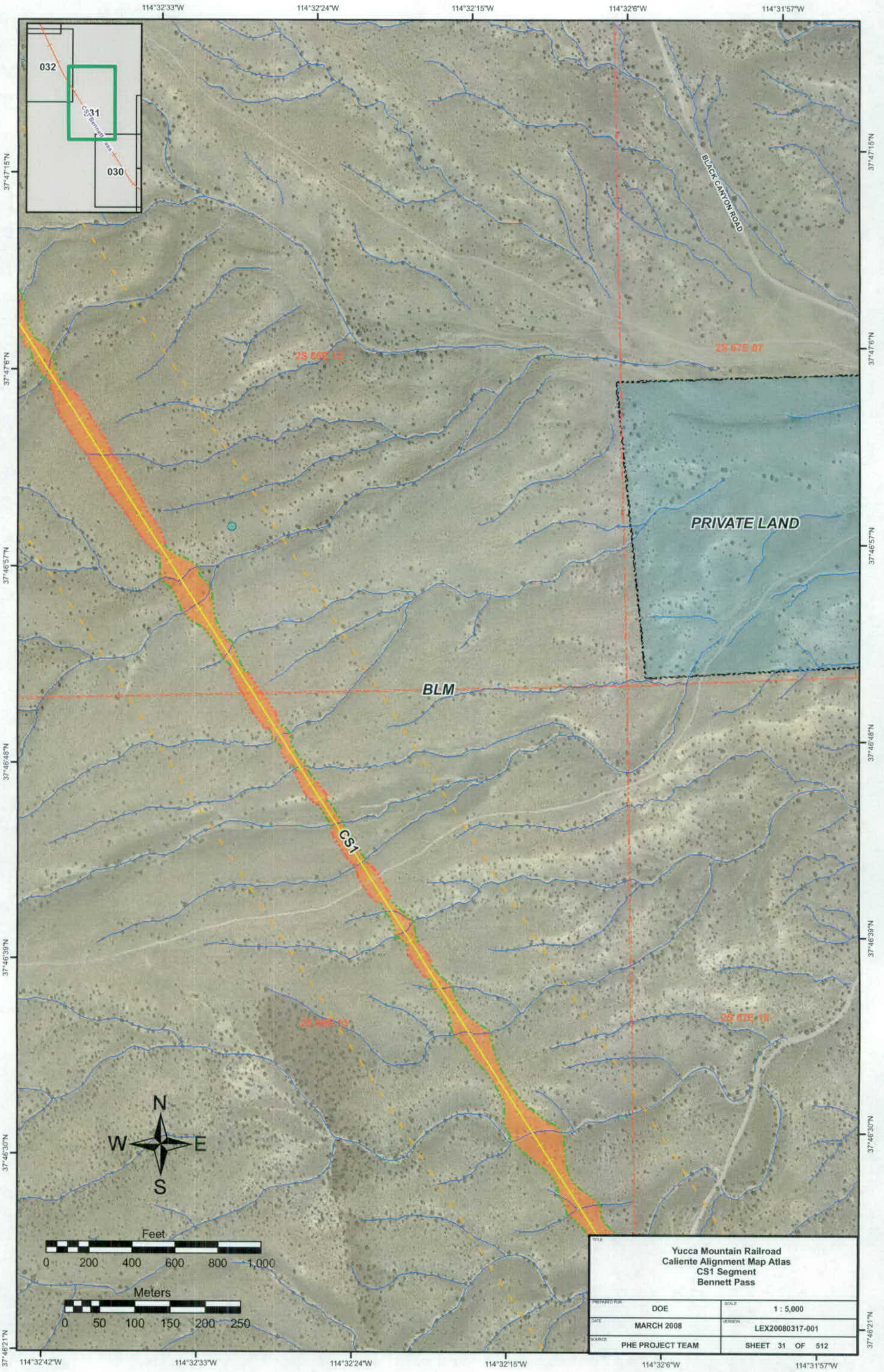
BLM

N W E S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas CS1 Segment Bennett Pass	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 30 OF 512


114°32'33"W
114°32'24"W
114°32'15"W
114°32'6"W
114°31'57"W
37°47'15"N
37°47'6"N
37°46'57"N
37°46'48"N
37°46'39"N
37°46'30"N
37°46'21"N
032
031
030
CS1 Bennett Pass
BLACK CANYON ROAD
2S 66E 12
2S 67E 07
PRIVATE LAND
BLM
CS1
2S 66E 13
2S 67E 18
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
114°32'42"W
Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS1 Segment
Bennett Pass
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 31 OF 512

114°33'18"W
114°33'9"W
114°33'W
114°32'51"W
114°32'42"W
37°47'51"N
37°47'42"N
37°47'33"N
37°47'24"N
37°47'15"N
37°47'6"N
37°46'57"N
033
032
CS1 Bennett Pass
25 66E 01
BLACK CANYON ROAD
BLM
25 66E 12
25 66E 11
CS1
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS1 Segment
Bennett Pass
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 32 OF 512

114°33'27"W 114°33'18"W 114°33'9"W 114°33'W 114°32'51"W

37°48'45"N 37°48'36"N 37°48'27"N 37°48'18"N 37°48'9"N 37°48'N 37°47'51"N

15 66E 35

15 66E 36

BLM

Telephone Line

BENNETT SPRINGS ROAD

25 66E 02

26 66E 01

BLACK CANYON ROAD

CS1

N
W E
S

Feet
0 200 400 600 800 1,000

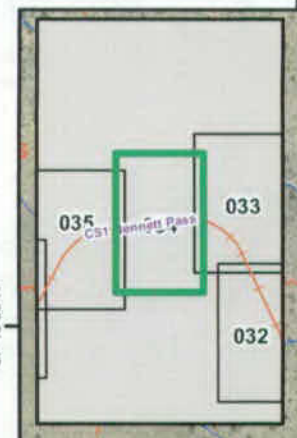
Meters
0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas CS1 Segment Bennett Pass	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 33 OF 512

114°33'36"W 114°33'27"W 114°33'18"W 114°33'9"W 114°33'W 114°32'51"W

114°34'12"W 114°34'3"W 114°33'54"W 114°33'45"W 114°33'36"W

37°48'36"N 37°48'27"N 37°48'18"N 37°48'9"N 37°48'N 37°47'51"N 37°47'42"N



T5 66E 35

COMET ROAD

BLACK CANYON ROAD

Telephone Line

Potential Siding Location

BLM

BLACK CANYON ROAD

CS1

T5 66E 02

T5 66E 03

N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

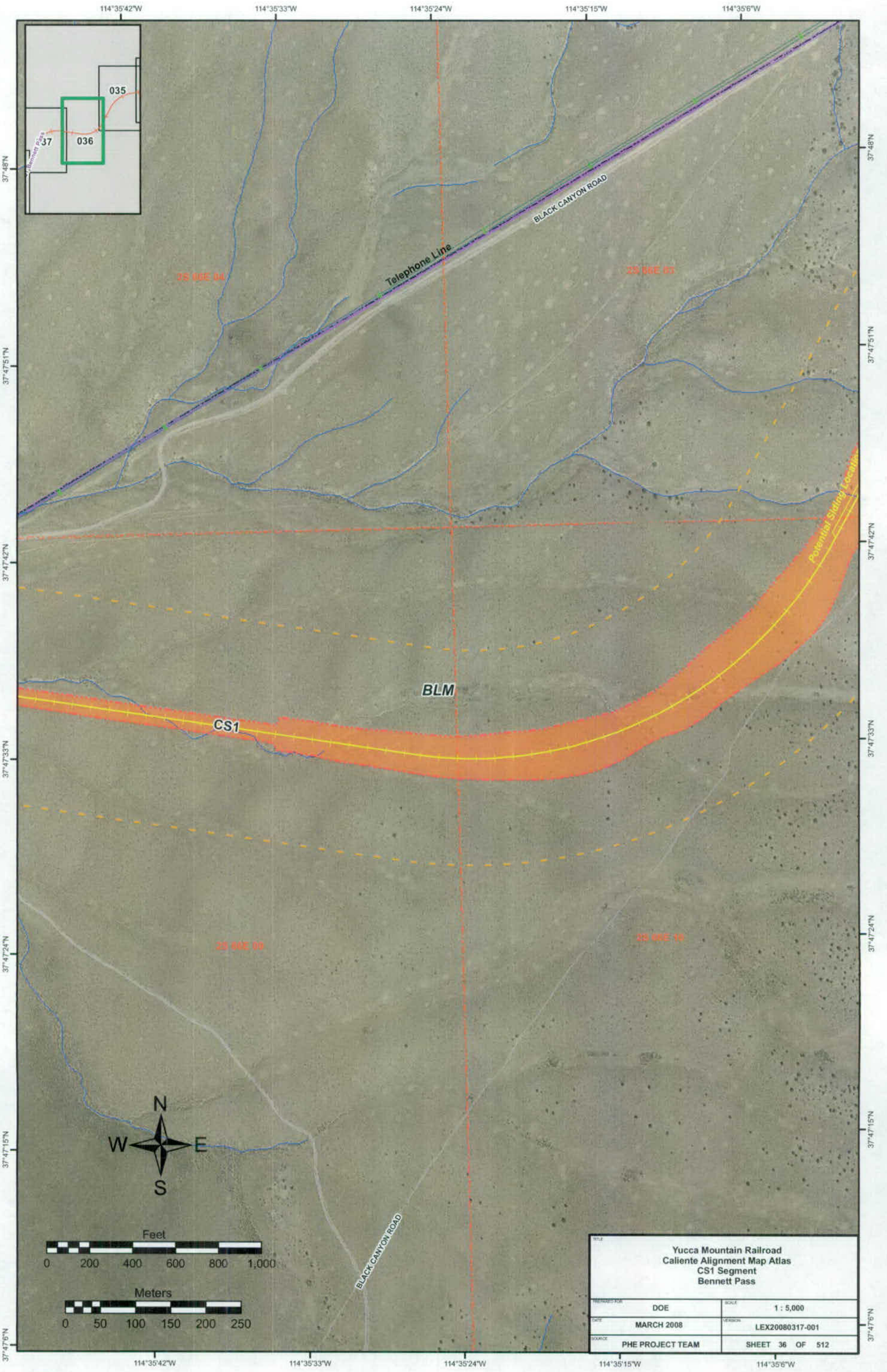
T5 66E 10

T5 66E 11

Yucca Mountain Railroad Caliente Alignment Map Atlas CS1 Segment Bennett Pass	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 34 OF 512

Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS1 Segment
Bennett Pass

PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 35 OF 512


114°35'42"W
114°35'33"W
114°35'24"W
114°35'15"W
114°35'6"W
37°48'N
37°47'51"N
37°47'42"N
37°47'33"N
37°47'24"N
37°47'15"N
37°47'6"N
035
037
036
Bennett Pass
BLACK CANYON ROAD
Telephone Line
25 00E 04
25 00E 03
25 00E 09
25 00E 10
Potential Sliding Localiti
BLM
CS1
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
BLACK CANYON ROAD
Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS1 Segment
Bennett Pass
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 36 OF 512

114°36'27"W 114°36'18"W 114°36'9"W 114°36'W 114°35'51"W

37°47'51"N 37°47'42"N 37°47'33"N 37°47'24"N 37°47'15"N 37°47'6"N 37°46'57"N

037 036 038 CS1 Bennett Pass

25 66E 04

Telephone Line

Telephone Line

BLM

BLACK CANYON ROAD

25 66E 03

25 66E 09

CS1

N W E S

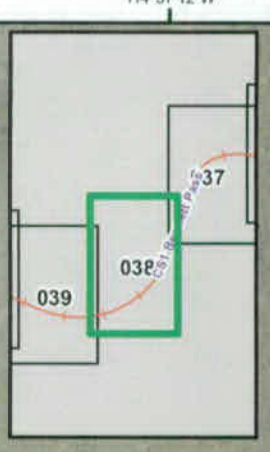
Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas CS1 Segment Bennett Pass	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 37 OF 512

114°37'12"W 114°37'3"W 114°36'54"W 114°36'45"W 114°36'36"W

37°47'15"N 37°47'6"N 37°46'57"N 37°46'48"N 37°46'39"N 37°46'30"N 37°46'21"N



Telephone Line

Telephone Line

CS1

BLM

BLACK CANYON ROAD

N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas CS1 Segment Bennett Pass	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 38 OF 512

114°37'12"W 114°37'3"W 114°36'54"W 114°36'45"W 114°36'36"W

114°37'57"W 114°37'48"W 114°37'39"W 114°37'30"W 114°37'21"W

37°47'6"N 37°46'57"N 37°46'48"N 37°46'39"N 37°46'30"N 37°46'21"N 37°46'12"N

039 038

CS1 Bennett Pass

T5 00E 07

Telephone Line

BLACK CANYON ROAD

Telephone Line

BLM

CS1

T5 00E 18

T5 00E 17

N

W E

S

Feet

0 200 400 600 800 1,000

Meters

0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas CS1 Segment Bennett Pass	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 39 OF 512

114°38'42"W 114°38'33"W 114°38'24"W 114°38'15"W 114°38'6"W 114°37'57"W

37°47'15"N 37°47'6"N 37°46'57"N 37°46'48"N 37°46'39"N 37°46'30"N 37°46'21"N

041 039

Telephone Line

BLACK CANYON ROAD

Telephone Line

BLM

CS1

N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas CS1 Segment Bennett Pass	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 40 OF 512

114°38'42"W 114°38'33"W 114°38'24"W 114°38'15"W 114°38'6"W

114°39'27"W 114°39'18"W 114°39'9"W 114°39'W 114°38'51"W 114°38'42"W

37°47'24"N 37°47'15"N 37°47'6"N 37°46'57"N 37°46'48"N 37°46'39"N 37°46'30"N

043
042
041
CS1 Bennett Pass

DOG HOLLOW ROAD

25 65E 12

Telephone Line
BLACK CANYON ROAD

BLM

CS1

25 65E 13

N
W E
S

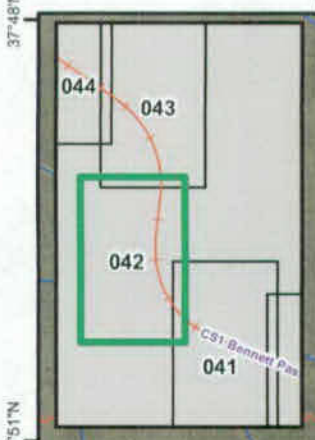
Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas CS1 Segment Bennett Pass	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 41 OF 512

114°40'3"W 114°39'54"W 114°39'45"W 114°39'36"W 114°39'27"W

37°48'N 37°47'51"N 37°47'42"N 37°47'33"N 37°47'24"N 37°47'15"N 37°47'6"N



28 65E 02

28 65E 01

28 65E 11

28 65E 12

DOG HOLLOW ROAD

CS1

BLM

Telephone Line

BLACK CANYON ROAD

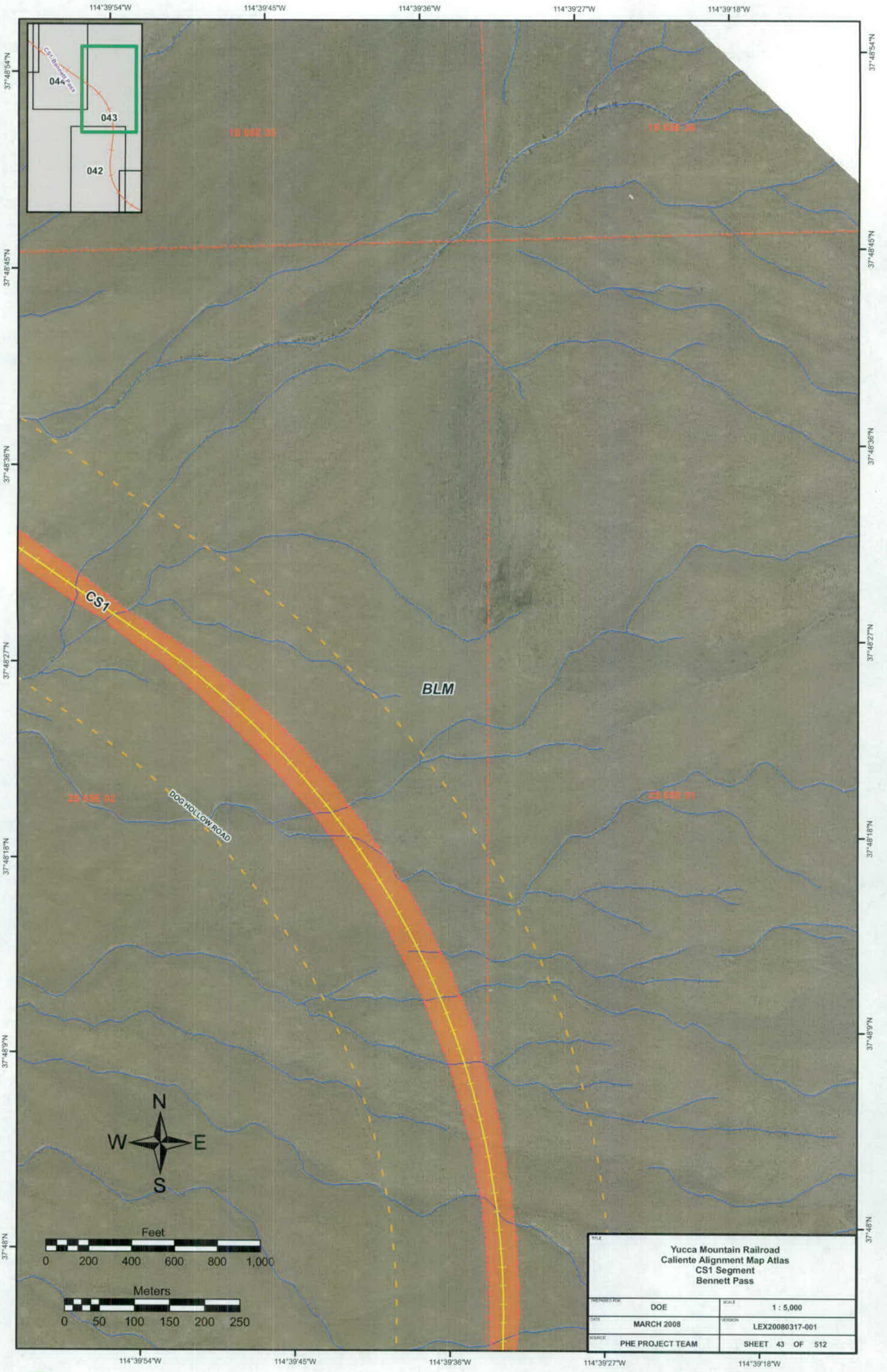
N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

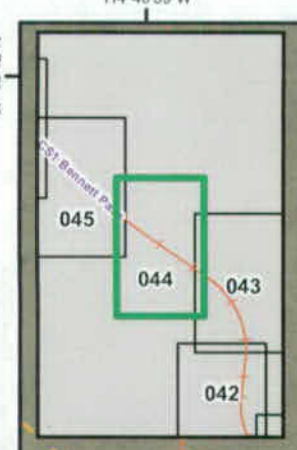
TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas CS1 Segment Bennett Pass	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 42 OF 512

114°40'12"W 114°40'3"W 114°39'54"W 114°39'45"W 114°39'36"W 114°39'27"W


114°39'54"W
114°39'45"W
114°39'36"W
114°39'27"W
114°39'18"W
37°48'54"N
37°48'45"N
37°48'36"N
37°48'27"N
37°48'18"N
37°48'9"N
37°48'N
044
043
042
CS1 Bennett Pass
18 05E 35
19 05E 36
CS1
BLM
25 05E 02
DOG HOLLOW ROAD
25 05E 01
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS1 Segment
Bennett Pass
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 43 OF 512

114°40'39"W 114°40'30"W 114°40'21"W 114°40'12"W 114°40'3"W 114°39'54"W

37°49'12"N 37°49'3"N 37°48'54"N 37°48'45"N 37°48'36"N 37°48'27"N 37°48'18"N



15 65E 34

15 65E 35

BLM

CS1

DOG HOLLOW ROAD

25 65E 02

25 65E 03

N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas CS1 Segment Bennett Pass	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 44 OF 512

114°41'24"W
114°41'15"W
114°41'6"W
114°40'57"W
114°40'48"W
114°40'39"W
37°49'39"N
37°49'30"N
37°49'21"N
37°49'12"N
37°49'3"N
37°48'54"N
37°48'45"N
046
045
044
CS1
BLM
DOG HOLLOW ROAD
DOG HOLLOW ROAD
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS1 Segment
Bennett Pass
DOE
1 : 5,000
MARCH 2008
LEX20080317-001
PHE PROJECT TEAM
SHEET 45 OF 512

114°42'W 114°41'51"W 114°41'42"W 114°41'33"W 114°41'24"W

37°50'6"N 37°49'57"N 37°49'48"N 37°49'39"N 37°49'30"N 37°49'21"N 37°49'12"N

047 046 045

Cs Bennett Pass

CS1

BLM

DOG HOLLOW ROAD

15 65E 28 15 65E 27 15 65E 33 15 65E 34

N W E S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

114°42'9"W 114°42'W 114°41'51"W 114°41'42"W 114°41'33"W 114°41'24"W

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas CS1 Segment Bennett Pass	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 46 OF 512

114°42'45"W 114°42'36"W 114°42'27"W 114°42'18"W 114°42'9"W

37°50'15"N 37°50'6"N 37°49'57"N 37°49'48"N 37°49'39"N 37°49'30"N 37°49'21"N

St. Bennett Pass 047 046

DOG HOLLOW ROAD

15 65E 28

CS1

BLM

65E 29

15 65E 32

1 65E 32

N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas CS1 Segment Bennett Pass	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 47 OF 512

114°43'30"W 114°43'21"W 114°43'12"W 114°43'3"W 114°42'54"W

37°50'24"N 37°50'15"N 37°50'6"N 37°49'57"N 37°49'48"N 37°49'39"N 37°49'30"N

15 65E 28

15 65E 29

15 65E 32

047

BLM

CS1

CLIFF ROAD

N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas CS1 Segment Bennett Pass	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 48 OF 512

114°44'15"W 114°44'6"W 114°43'57"W 114°43'48"W 114°43'39"W 114°43'30"W

37°50'33"N 37°50'24"N 37°50'15"N 37°50'6"N 37°49'57"N 37°49'48"N 37°49'39"N

050 048

15 80E 19

15 80E 20

BLM

CS1

15 80E 30

CLIFF ROAD

N W E S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas CS1 Segment Bennett Pass	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 49 OF 512

114°45'W 114°44'51"W 114°44'42"W 114°44'33"W 114°44'24"W 114°44'15"W

37°50'42"N 37°50'33"N 37°50'24"N 37°50'15"N 37°50'6"N 37°49'57"N 37°49'48"N

051 Cliff Bennett Pass 049

15 63E 19

CS1

BLM

15 63E 30

CLIFF ROAD

N W E S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas CS1 Segment Bennett Pass	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 50 OF 512

114°45'36"W 114°45'27"W 114°45'18"W 114°45'9"W 114°45'W

37°50'51"N 37°50'42"N 37°50'33"N 37°50'24"N 37°50'15"N 37°50'6"N 37°49'57"N

052 050

Bennett Pass

18 64E 24 18 65E 19

BLM
CS1

18 64E 25 18 65E 30

N
W E
S

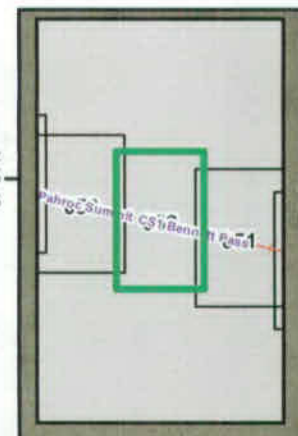
Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas CS1 Segment Bennett Pass	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 51 OF 512

114°45'45"W 114°45'36"W 114°45'27"W 114°45'18"W 114°45'9"W 114°45'W

114°46'21"W
114°46'12"W
114°46'3"W
114°45'54"W
114°45'45"W
37°51'N
37°50'51"N
37°50'42"N
37°50'33"N
37°50'24"N
37°50'15"N
37°50'6"N
37°51'N
37°50'51"N
37°50'42"N
37°50'33"N
37°50'24"N
37°50'15"N
37°50'6"N
114°46'30"W
114°46'21"W
114°46'12"W
114°46'3"W
114°45'54"W
114°45'45"W



15 04E 23
15 04E 24
15 04E 26
15 04E 25

BLM
CS1

N
W
E
S

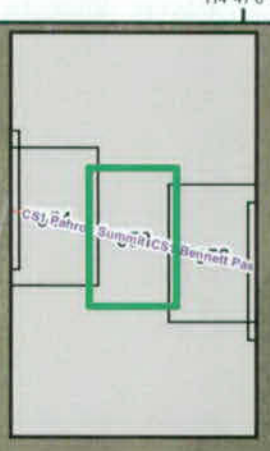
Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS1 Segment
Bennett Pass

PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 52 OF 512

114°47'6"W
114°46'57"W
114°46'48"W
114°46'39"W
114°46'30"W
37°51'9"N
37°51'N
37°50'51"N
37°50'42"N
37°50'33"N
37°50'24"N
37°50'15"N



18 64E 23

BLM

CS1

18 64E 26

N
W
E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas CS1 Segment Pahroc Summit	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 53 OF 512

114°47'51"W 114°47'42"W 114°47'33"W 114°47'24"W 114°47'15"W

37°51'18"N 37°51'9"N 37°51'N 37°50'51"N 37°50'42"N 37°50'33"N 37°50'24"N

15 64E 22

BLACK CANYON ROAD

15 64E 23

BLM

CS1

15 64E 27

N

W E

S

Feet

0 200 400 600 800 1,000

Meters

0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas CS1 Segment Pahroc Summit	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 54 OF 512

114°48'36"W 114°48'27"W 114°48'18"W 114°48'9"W 114°48'W

37°51'27"N 37°51'18"N 37°51'9"N 37°51'N 37°50'51"N 37°50'42"N 37°50'33"N

15 S 48 E 16

15 S 48 E 15

056 054

BLM

CS1

15 S 48 E 22

15 S 48 E 21

N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas CS1 Segment Pahroc Summit	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 55 OF 512

114°49'21"W 114°49'12"W 114°49'3"W 114°48'54"W 114°48'45"W 114°48'36"W

37°51'36"N 37°51'27"N 37°51'18"N 37°51'9"N 37°51'N 37°50'51"N 37°50'42"N

057 055

CS1 Pahroc_Summit

15 04E 16

15 04E 21

BLM

CS1

N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas CS1 Segment Pahroc Summit	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 56 OF 512

114°50'6"W
114°49'57"W
114°49'48"W
114°49'39"W
114°49'30"W
114°49'21"W
37°51'45"N
37°51'36"N
37°51'27"N
37°51'18"N
37°51'9"N
37°51'N
37°50'51"N
058
CS1 Pahroc Summit
15 64E 17
15 64E 16
Construction Camp 2
BLM
CS1
15 64E 20
15 64E 21
N
W
E
S
RATTLESNAKE ROAD
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS1 Segment
Pahroc Summit
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 57 OF 512

114°50'42"W 114°50'33"W 114°50'24"W 114°50'15"W 114°50'6"W

37°51'54"N 37°51'45"N 37°51'36"N 37°51'27"N 37°51'18"N 37°51'9"N 37°51'N

059 058

15 04E 18

15 04E 17

RATTLESNAKE ROAD

BLM

Construction Camp 2

CS1

15 04E 19

15 04E 20

N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

114°50'51"W 114°50'42"W 114°50'33"W 114°50'24"W 114°50'15"W 114°50'6"W

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas CS1 Segment Pahroc Summit	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 58 OF 512

114°51'27"W 114°51'18"W 114°51'9"W 114°51'W 114°50'51"W

37°52'12"N 37°52'3"N 37°51'54"N 37°51'45"N 37°51'36"N 37°51'27"N 37°51'18"N

060 059 058

CS1 Pahroc Summit

CS1

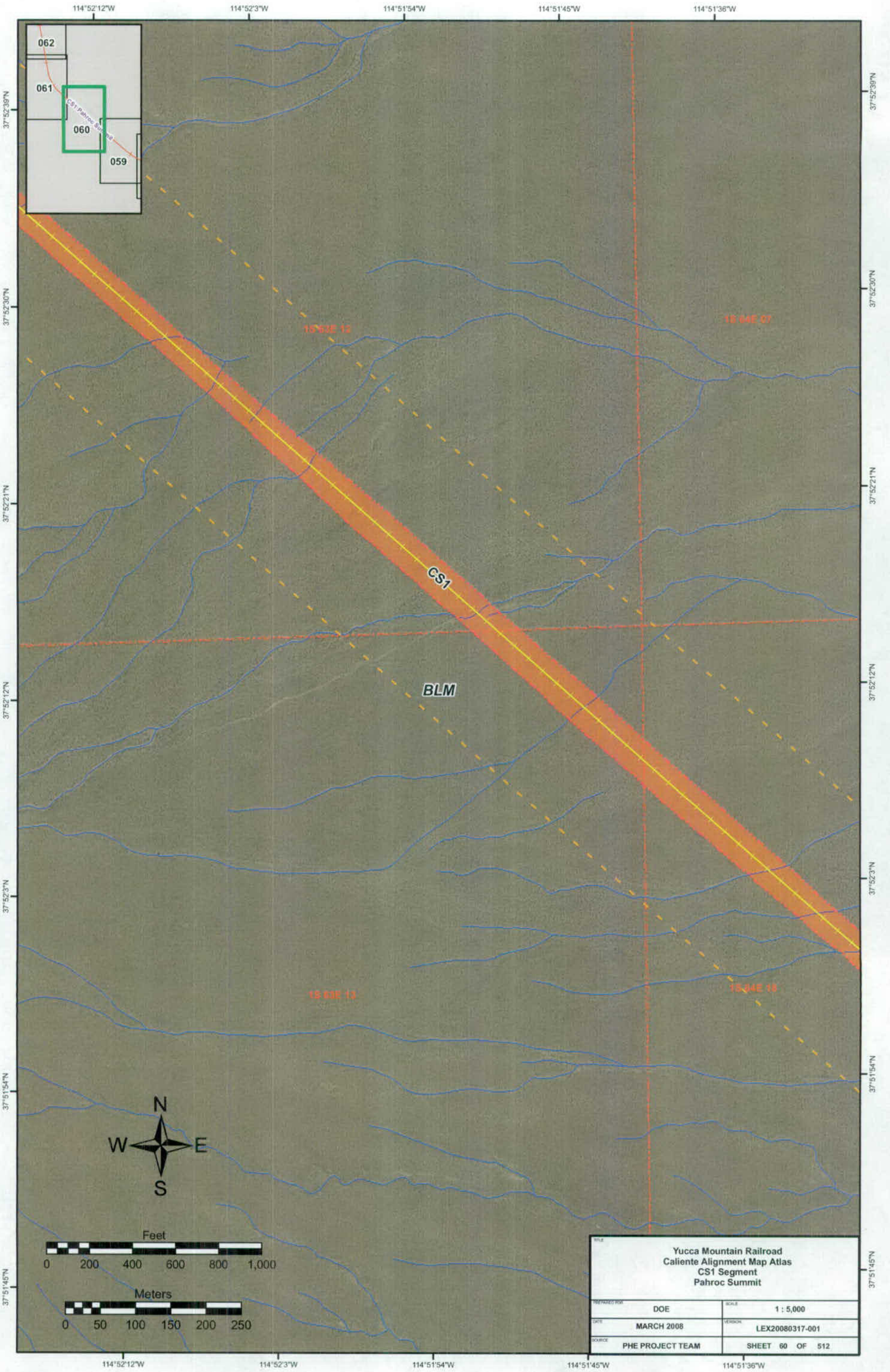
BLM

N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas CS1 Segment Pahroc Summit	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 59 OF 512


114°52'12"W
114°52'3"W
114°51'54"W
114°51'45"W
114°51'36"W
37°52'39"N
37°52'30"N
37°52'21"N
37°52'12"N
37°52'3"N
37°51'54"N
37°51'45"N
062
061
060
059
CS1 Pahroc Summit
15 63E 13
15 64E 07
CS1
BLM
15 63E 18
15 64E 18
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
TITLE
Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS1 Segment
Pahroc Summit
PREPARED FOR
DOE
SCALE
1 : 5,000
DATE
MARCH 2008
VERSION
LEX20080317-001
SOURCE
PHE PROJECT TEAM
SHEET 60 OF 512

114°52'57"W
114°52'48"W
114°52'39"W
114°52'30"W
114°52'21"W
114°52'12"W
37°53'6"N
37°52'57"N
37°52'48"N
37°52'39"N
37°52'30"N
37°52'21"N
37°52'12"N
CS1 Pahroc Summit
062
061
060
CS1
BLM
15 63E 01
15 63E 11
15 63E 12
15 63E 13
15 63E 14
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS1 Segment
Pahroc Summit
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 61 OF 512

114°52'57"W 114°52'48"W 114°52'39"W 114°52'30"W 114°52'21"W 114°52'12"W

37°54'9"N 37°54'N 37°53'51"N 37°53'42"N 37°53'33"N 37°53'24"N 37°53'15"N

1N 63E 36

BLM

CS1

1S 63E 02

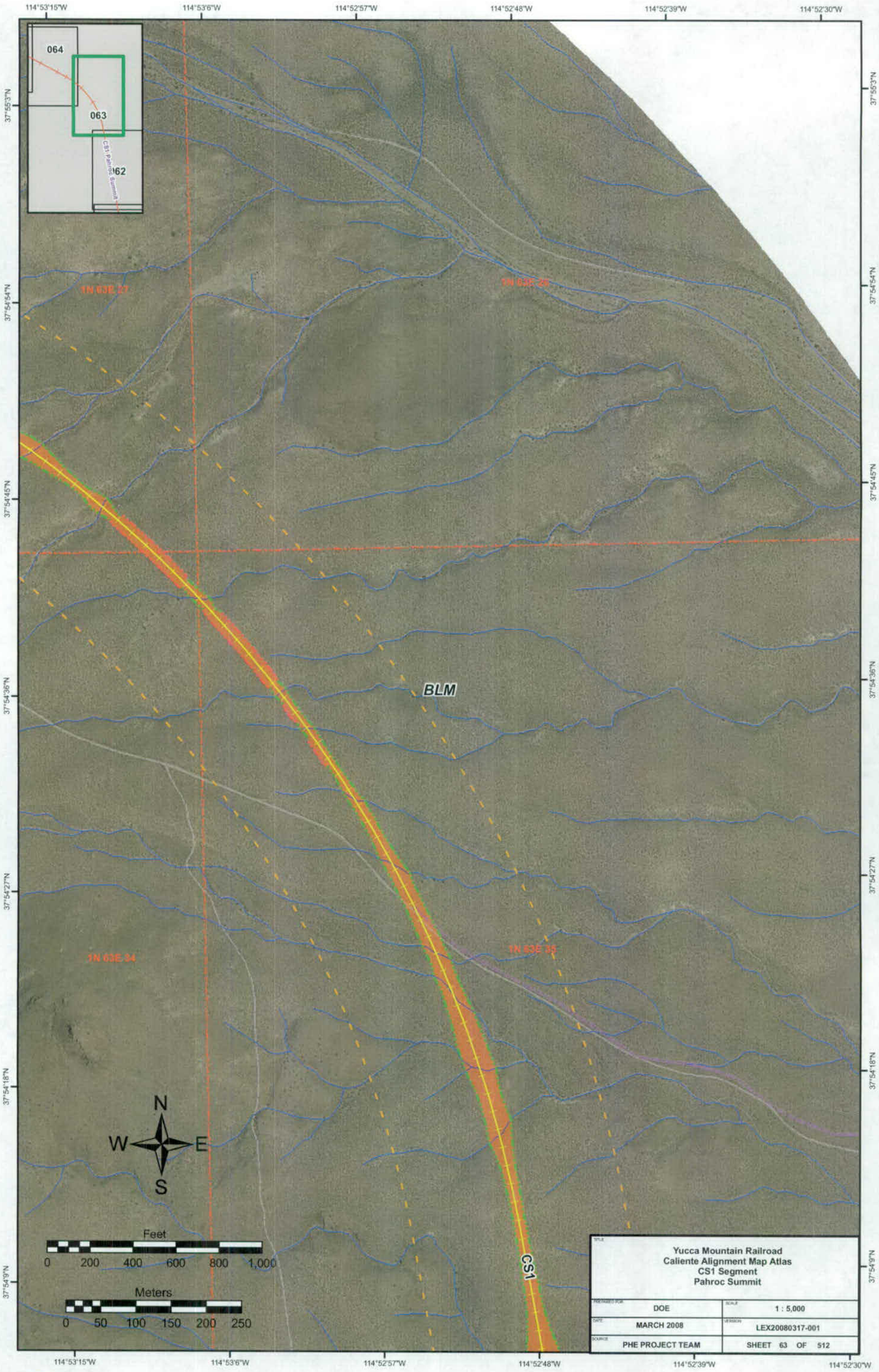
1S 63E 01

N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas CS1 Segment Pahroc Summit	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 62 OF 512



Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS1 Segment
Pahroc Summit

DOE	1 : 5,000
MARCH 2008	LEX20080317-001
PHE PROJECT TEAM	SHEET 63 OF 512

114°54'W 114°53'51"W 114°53'42"W 114°53'33"W 114°53'24"W 114°53'15"W

37°55'21"N 37°55'12"N 37°55'3"N 37°54'54"N 37°54'45"N 37°54'36"N

065 064 063 062

Pahroc Summit

1N 63E 27

1N 63E 34

BLM

CS1

N W E S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

TITLE	Yucca Mountain Railroad Caliente Alignment Map Atlas CS1 Segment Pahroc Summit
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 64 OF 512

114°54'36"W 114°54'27"W 114°54'18"W 114°54'9"W 114°54'W

37°55'39"N 37°55'30"N 37°55'21"N 37°55'12"N 37°55'3"N 37°54'54"N 37°54'45"N

066 065 064

CS1 Pahroc Summit

1N 63E 21 1N 63E 22

BLM

CS1

1N 63E 26 1N 63E 27 1N 63E 33

N W E S

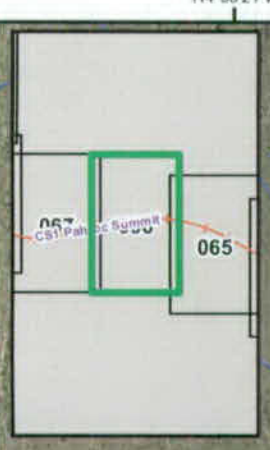
Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas CS1 Segment Pahroc Summit	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 65 OF 512

114°55'21"W 114°55'12"W 114°55'3"W 114°54'54"W 114°54'45"W

37°55'48"N 37°55'39"N 37°55'30"N 37°55'21"N 37°55'12"N 37°55'3"N 37°54'54"N



1N 63E 27

BLM
Potential Siding Location
CS1

1N 63E 29

1N 63E 28

N
W E
S

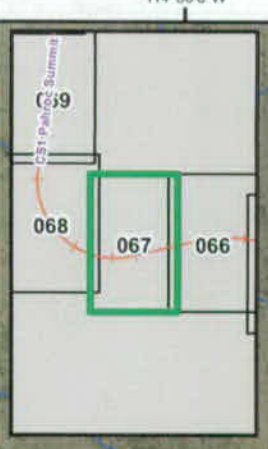
Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas CS1 Segment Pahroc Summit	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 66 OF 512

114°56'6"W 114°55'57"W 114°55'48"W 114°55'39"W 114°55'30"W

37°55'48"N 37°55'39"N 37°55'30"N 37°55'21"N 37°55'12"N 37°55'3"N 37°54'54"N



1N 63E 20

BLM

Potential Siding Location

CS1

1N 63E 29

PAHROC SUMMIT ROAD

N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas CS1 Segment Pahroc Summit	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 67 OF 512

114°56'51"W 114°56'42"W 114°56'33"W 114°56'24"W 114°56'15"W 114°56'6"W

37°55'57"N 37°55'48"N 37°55'39"N 37°55'30"N 37°55'21"N 37°55'12"N 37°55'3"N

069 068 067

Pahroc Summit

CS1

BLM

Potential Siding Location

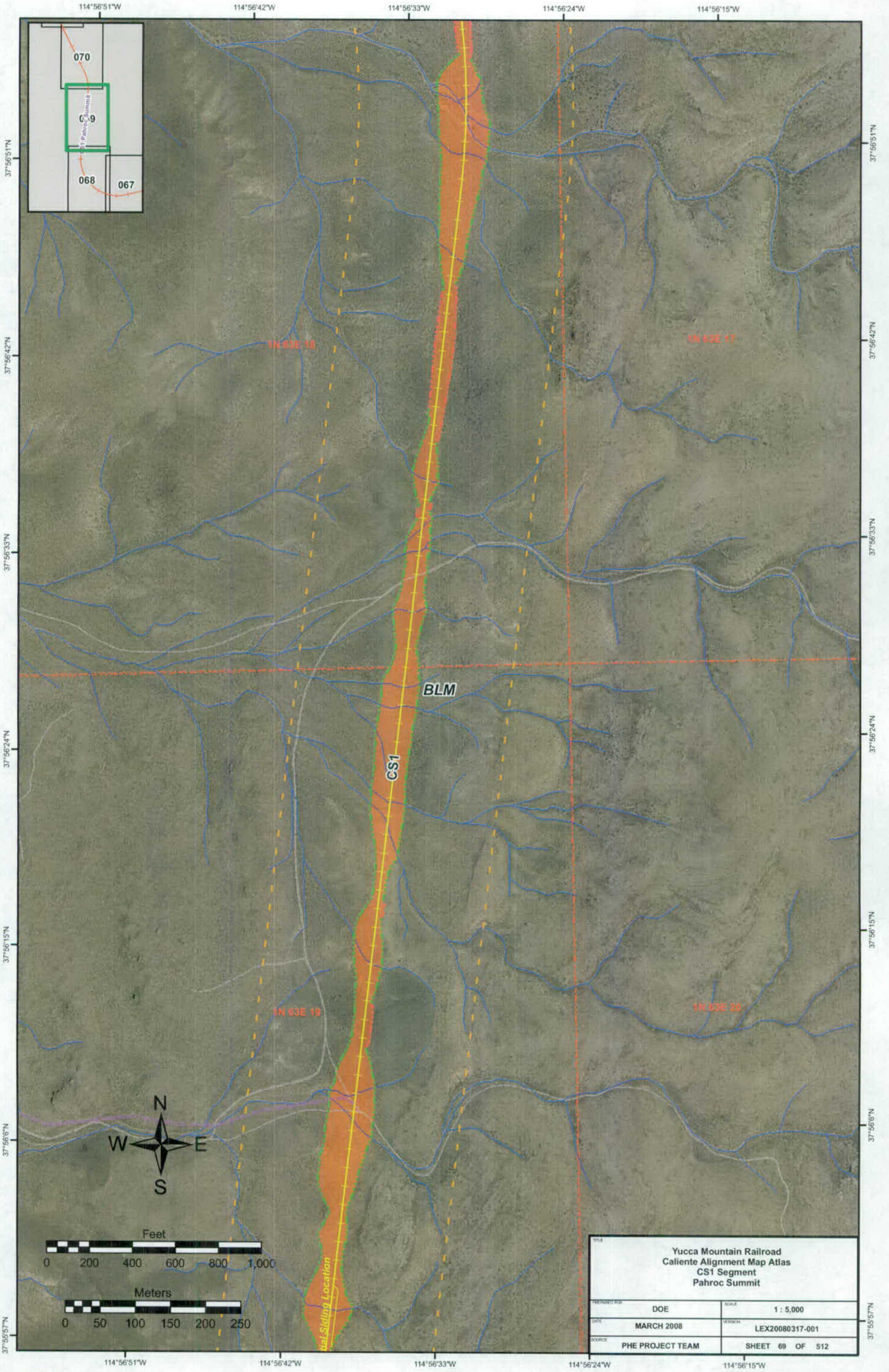
1N 63E 19 1N 63E 20 1N 63E 30 1N 63E

N W E S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas CS1 Segment Pahroc Summit	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 68 OF 512


114°56'51"W
114°56'42"W
114°56'33"W
114°56'24"W
114°56'15"W
37°56'51"N
37°56'42"N
37°56'33"N
37°56'24"N
37°56'15"N
37°56'6"N
37°55'57"N
070
069
068
067
CS1 Pahroc Summit
1N 63E 18
1N 63E 17
1N 63E 19
1N 63E 20
BLM
CS1
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
N
W
E
S
Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS1 Segment
Pahroc Summit
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 69 OF 512

114°57'W 114°56'51"W 114°56'42"W 114°56'33"W 114°56'24"W 114°56'15"W

37°57'45"N 37°57'36"N 37°57'27"N 37°57'18"N 37°57'9"N 37°57'N

071

070

069

231 Pahroc Summit

1N 63E 07

1N 63E 08

CS1

BLM

1N 63E 18

1N 63E 17

N

W E

S

Feet

0 200 400 600 800 1,000

Meters

0 50 100 150 200 250

TITLE	Yucca Mountain Railroad Caliente Alignment Map Atlas CS1 Segment Pahroc Summit
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 70 OF 512

114°57'18"W 114°57'9"W 114°57'W 114°56'51"W 114°56'42"W 114°56'33"W

37°58'48"N 37°58'39"N 37°58'30"N 37°58'21"N 37°58'12"N 37°58'3"N 37°57'54"N

072
071
70
Pahroc Summit

CS1

1N 63E 07

BLM

N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

TITLE	Yucca Mountain Railroad Caliente Alignment Map Atlas CS1 Segment Pahroc Summit
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 71 OF 512

114°57'27"W 114°57'18"W 114°57'9"W 114°57'W 114°56'51"W

37°59'42"N 37°59'33"N 37°59'24"N 37°59'15"N 37°59'6"N 37°58'57"N 37°58'48"N

073
072
071

2N 62E 36
2N 63E 31
1N 62E 01
1N 62E 06

BLM

CS1

N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas CS1 Segment Pahroc Summit	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 72 OF 512

114°57'18"W 114°57'9"W 114°57'W 114°56'51"W 114°56'42"W

075 074 073 072

Summit

38°0'36"N 38°0'27"N 38°0'18"N 38°0'9"N 38°N 37°59'51"N 37°59'42"N

BLM

CS1

N W E S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

STYLE: Yucca Mountain Railroad Caliente Alignment Map Atlas CS1 Segment Pahroc Summit	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 73 OF 512

114°57'45"W 114°57'36"W 114°57'27"W 114°57'18"W 114°57'9"W

38°1'30"N 38°1'21"N 38°1'12"N 38°1'3"N 38°0'54"N 38°0'45"N 38°0'36"N

075 074 073 072

CS1/NW1

CS1 Pahroc Summit

2N 62E 24

2N 63E 19

BLM

318

CS1

2N 62E 25

N W E S

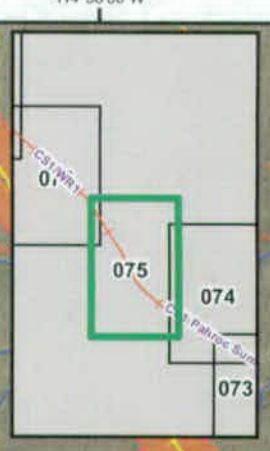
Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas CS1 Segment Pahroc Summit	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 74 OF 512

114°58'30"W 114°58'21"W 114°58'12"W 114°58'3"W 114°57'54"W 114°57'45"W

38°1'39"N 38°1'30"N 38°1'21"N 38°1'12"N 38°1'3"N 38°0'54"N 38°0'45"N



2N 62E 13

2N 62E 24

2N 62E 25

CS1

BLM

Telephone Line

318

N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS1 Segment
White River Area

PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 75 OF 512

114°59'15"W 114°59'6"W 114°58'57"W 114°58'48"W 114°58'39"W 114°58'30"W

38°2'24"N
38°2'15"N
38°2'6"N
38°1'57"N
38°1'48"N
38°1'39"N
38°1'30"N

078
077
076
075
CS1WR1

CS1

BLM

2N 02E 14
2N 02E 13
2N 02E 23
2N 02E 24

N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas CS1 Segment White River Area	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 76 OF 512

114°59'51"W 114°59'42"W 114°59'33"W 114°59'24"W 114°59'15"W

38°3'N 38°2'51"N 38°2'42"N 38°2'33"N 38°2'24"N 38°2'15"N 38°2'6"N

078
077
07
CS1WR1

2N 62E 10
2N 62E 11
2N 62E 15
2N 62E 14

BLM

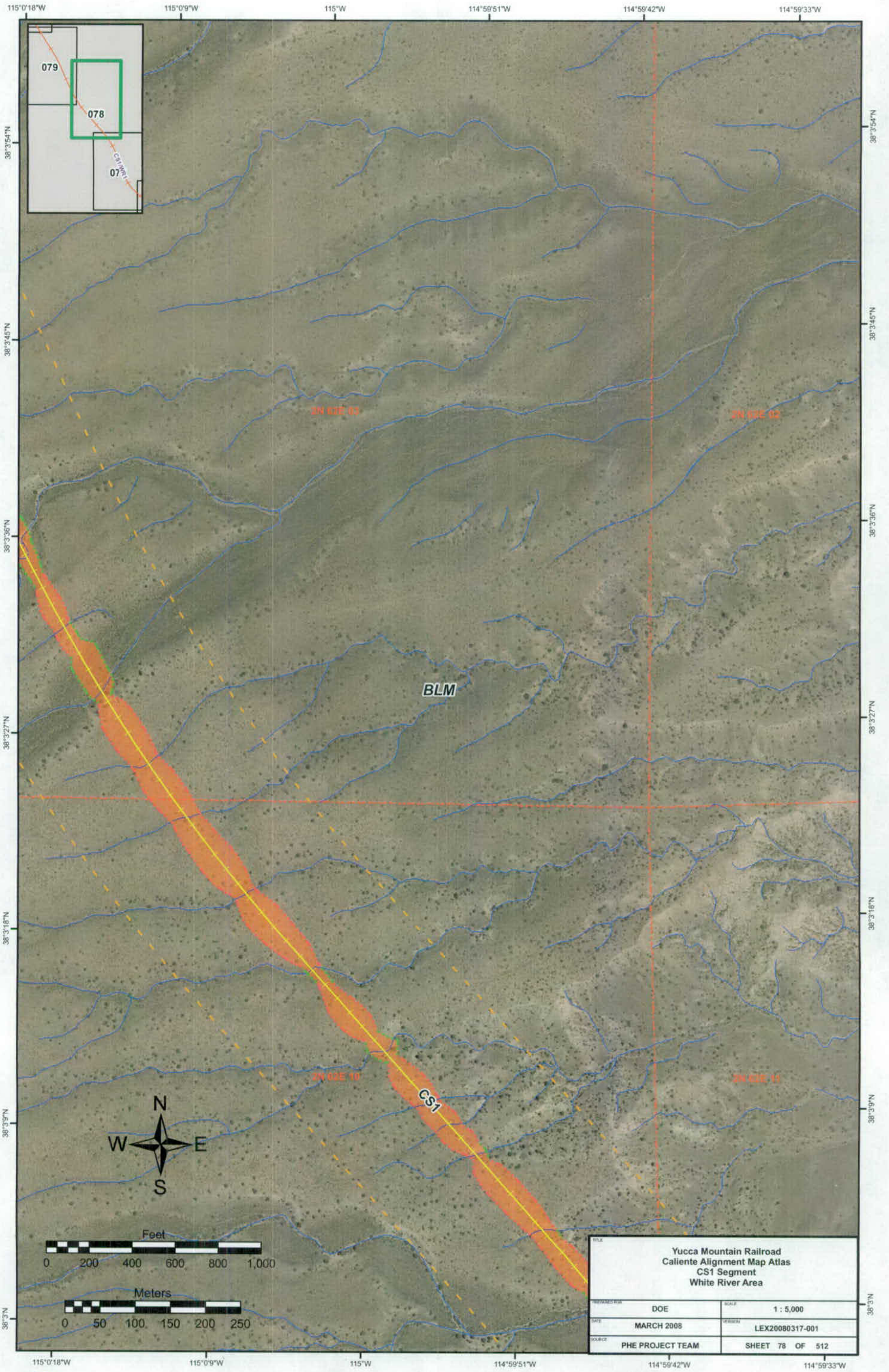
CS1

N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas CS1 Segment White River Area	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 77 OF 512


115°0'18"W
115°0'9"W
115°W
114°59'51"W
114°59'42"W
114°59'33"W
38°3'54"N
38°3'45"N
38°3'36"N
38°3'27"N
38°3'18"N
38°3'9"N
38°3'N
079
078
07
CS1(WR1)
2N 02E 03
2N 02E 02
BLM
2N 02E 10
2N 02E 11
CS1
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS1 Segment
White River Area
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 78 OF 512

115°0'54"W 115°0'45"W 115°0'36"W 115°0'27"W 115°0'18"W

38°4'21"N 38°4'12"N 38°4'3"N 38°3'54"N 38°3'45"N 38°3'36"N 38°3'27"N

080 079 078 CS1WR1

CS1

BLM

2N 02E 34 2N 02E 01

N W E S

Feet
0 200 400 600 800 1,000

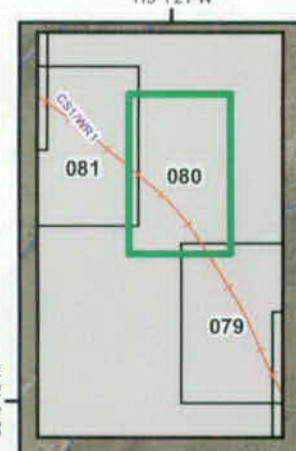
Meters
0 50 100 150 200 250

115°1'3"W 115°0'54"W 115°0'45"W 115°0'36"W 115°0'27"W 115°0'18"W

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas CS1 Segment White River Area	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 79 OF 512

115°1'21"W 115°1'12"W 115°1'3"W 115°0'54"W 115°0'45"W

38°5'15"N 38°5'6"N 38°4'57"N 38°4'48"N 38°4'39"N 38°4'30"N



3N 62E 28

3N 62E 27

3N 62E 33

3N 62E 34

CS1

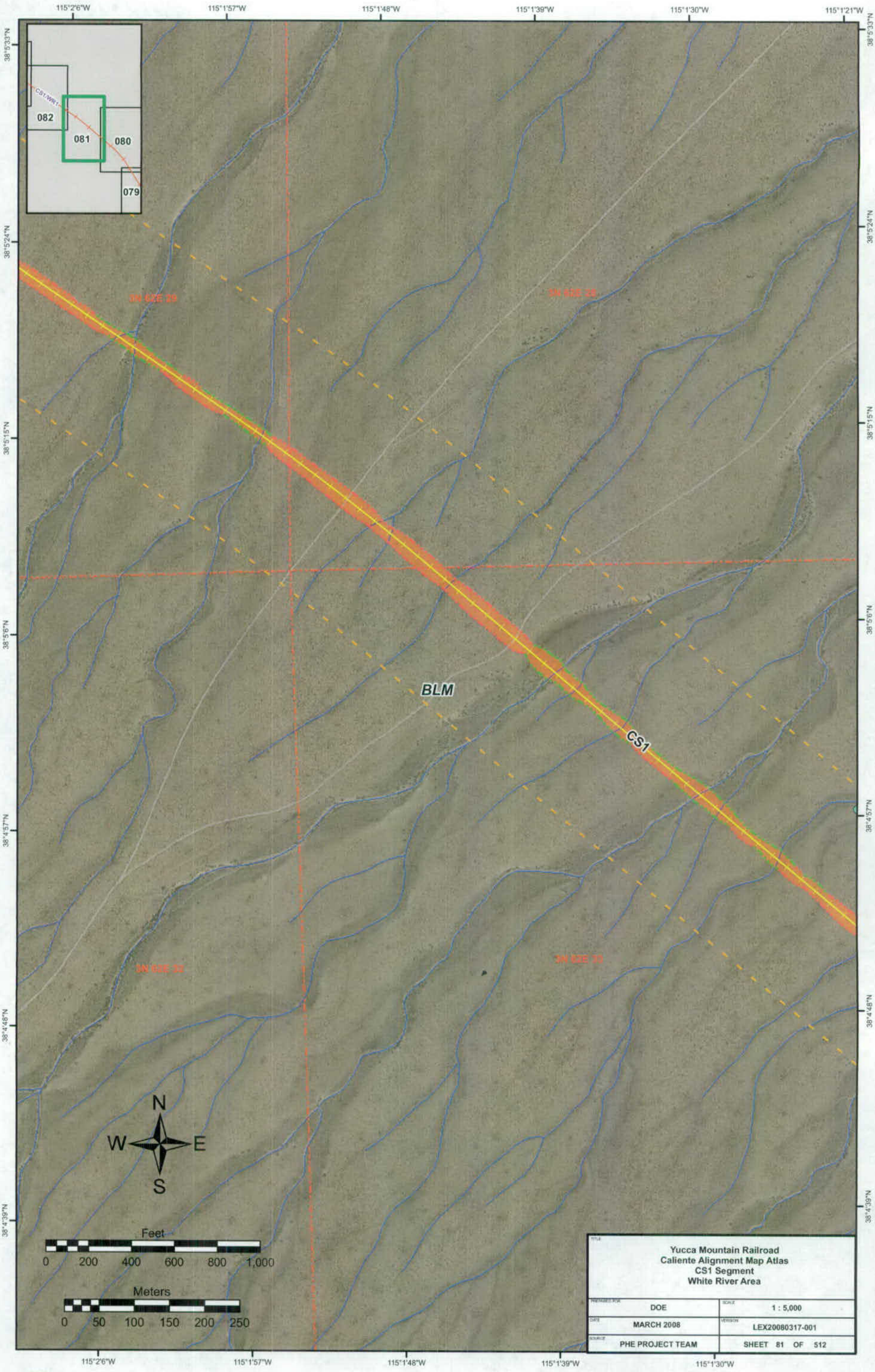
BLM

N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas CS1 Segment White River Area	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 80 OF 512


115°2'6"W
115°1'57"W
115°1'48"W
115°1'39"W
115°1'30"W
115°1'21"W
38°5'33"N
38°5'24"N
38°5'15"N
38°5'6"N
38°4'57"N
38°4'48"N
38°4'39"N
082
081
080
079
CS1_WR1
3N 62E 29
3N 62E 28
3N 62E 32
3N 62E 33
BLM
CS1
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS1 Segment
White River Area
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 81 OF 512

115°2'51"W 115°2'42"W 115°2'33"W 115°2'24"W 115°2'15"W 115°2'6"W

38°6'N 38°5'51"N 38°5'42"N 38°5'33"N 38°5'24"N 38°5'15"N 38°5'6"N

3N 62E 29

083
082
081
CS1/WR1

BLM

CS1

3N 62E 32

N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS1 Segment
White River Area

PREPARED FOR	DOE	SCALE	1 : 5,000
DATE	MARCH 2008	VERSION	LEX20080317-001
SOURCE	PHE PROJECT TEAM		SHEET 82 OF 512

Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS1 Segment
White River Area

PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 83 OF 512

115°4'12"W
115°4'3"W
115°3'54"W
115°3'45"W
115°3'36"W
38°6'54"N
38°6'45"N
38°6'36"N
38°6'27"N
38°6'18"N
38°6'9"N
38°6'N
E 13
3N 62E 18
085
084
083
CS1/MR1
TIMBER MOUNTAIN PASS ROAD
CS1
3N 62E 19
3N 61E 24
BLM
3N 62E
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS1 Segment
White River Area
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 84 OF 512

115°4'57"W 115°4'48"W 115°4'39"W 115°4'30"W 115°4'21"W

38°7'39"N 38°7'30"N 38°7'21"N 38°7'12"N 38°7'3"N 38°6'54"N 38°6'45"N

086 085 084 CS1/WB1

3N 61E 13

BLM

CS1

3N 61E 24

N W E S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas CS1 Segment White River Area	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 85 OF 512

115°5'42"W
115°5'33"W
115°5'24"W
115°5'15"W
115°5'6"W
115°4'57"W
38°7'48"N
38°7'39"N
38°7'30"N
38°7'21"N
38°7'12"N
38°7'3"N
38°6'54"N
088
087
086
085
CS1/WR1
3N 61E 11
3N 61E 12
3N 61E 13
3N 61E 14
3N 61E 23
BLM
CS1
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS1 Segment
White River Area
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 86 OF 512

115°6'27"W 115°6'18"W 115°6'9"W 115°6'W 115°5'51"W 115°5'42"W

38°8'15"N

38°8'6"N

38°7'57"N

38°7'48"N

38°7'39"N

38°7'30"N

38°7'21"N

088

087

086

CS1/WR1

3N 61E 10

3N 61E 11

3N 61E 15

3N 61E 14

CS1

BLM

N

W E

S

Feet

0 200 400 600 800 1,000

Meters

0 50 100 150 200 250

Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS1 Segment
White River Area

PREPARED FOR	DOE	SCALE	1 : 5,000
DATE	MARCH 2008	VERSION	LEX20080317-001
SOURCE	PHE PROJECT TEAM		SHEET 87 OF 512

115°6'45"W 115°6'36"W 115°6'27"W 115°6'18"W 115°6'9"W 115°6"W

38°9'18"N 38°9'9"N 38°9'N 38°8'51"N 38°8'42"N 38°8'33"N 38°8'24"N

089 088 087

CS1/WR1

4N 01E 34 4N 01E 35

3N 01E 03 3N 01E 02

BLM

CS1

3N 01E 10 3N 01E 11

N W E S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas CS1 Segment White River Area	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 88 OF 512

115°7'30"W 115°7'21"W 115°7'12"W 115°7'3"W 115°6'54"W 115°6'45"W

38°9'27"N 38°9'18"N 38°9'9"N 38°8'51"N 38°8'42"N 38°8'33"N

090 089 088 087

C81WR1

4N 61E 33 4N 61E 34

BLM

CS1

3N 61E 04 3N 61E 03 3N 61E 09 3N 61E 10

N W E S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas CS1 Segment White River Area	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 89 OF 512

115°8'6"W
115°7'57"W
115°7'48"W
115°7'39"W
115°7'30"W
38°9'45"N
38°9'36"N
38°9'27"N
38°9'18"N
38°9'9"N
38°9'N

091
090
089
CS1/WR1
CS1
BLM
4N 6NE 35
3N 51E 04
3N 5

N
W
E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas CS1 Segment White River Area	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 90 OF 512

115°8'51"W 115°8'42"W 115°8'33"W 115°8'24"W 115°8'15"W

38°10'21"N 38°10'12"N 38°10'3"N 38°9'54"N 38°9'45"N 38°9'36"N 38°9'27"N

092
091
090
CS1_WR1

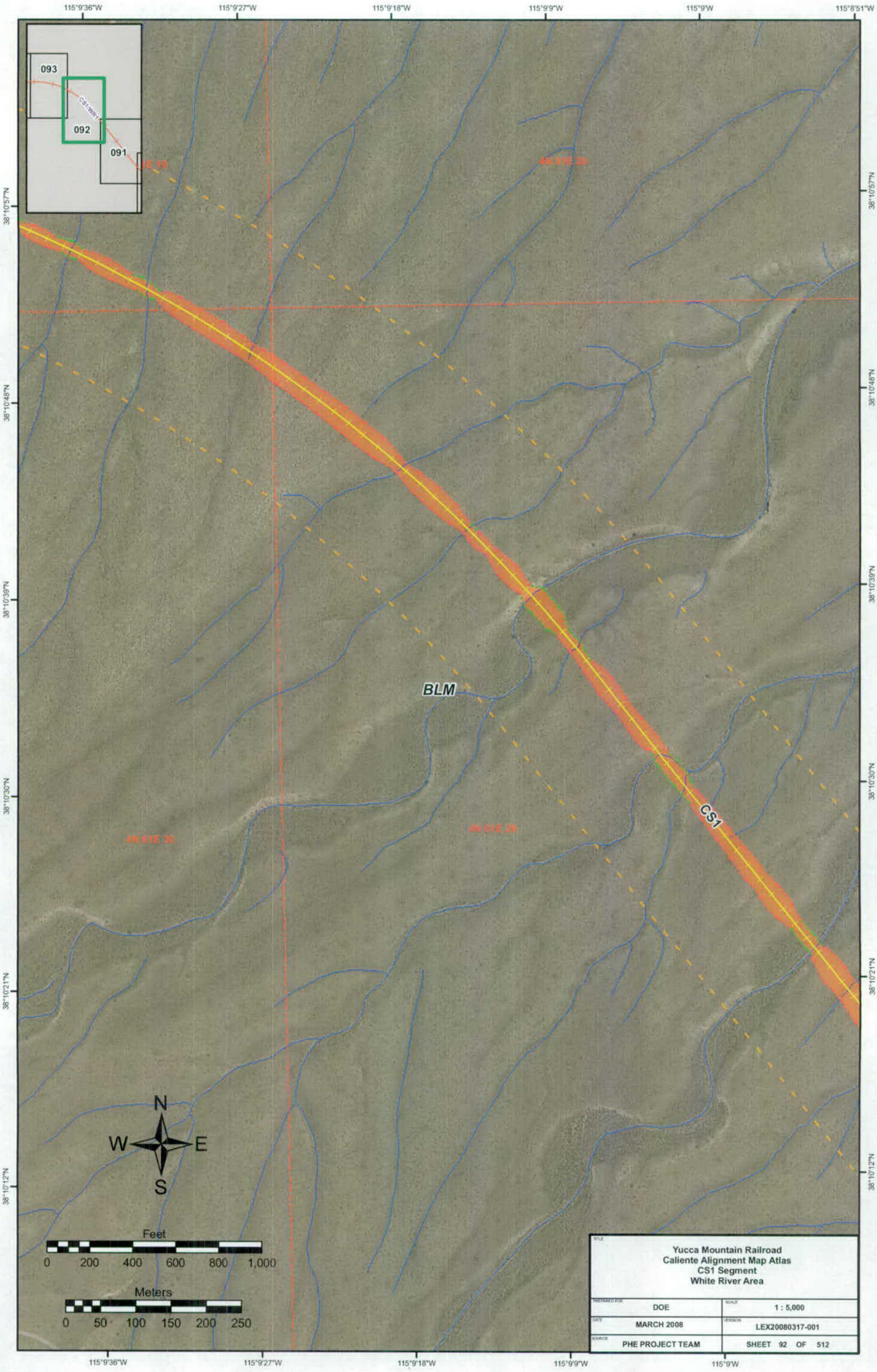
4N 61E 29
4N 61E 28
CS1
BLM
4N 61E 32
4N 61E 33

N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas CS1 Segment White River Area	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 91 OF 512


115°9'36"W
115°9'27"W
115°9'18"W
115°9'9"W
115°9'W
115°8'51"W
38°10'57"N
38°10'48"N
38°10'39"N
38°10'30"N
38°10'21"N
38°10'12"N
093
092
091
CS1/WR1
IE 19
4N 61E 25
BLM
CS1
4N 61E 36
4N 61E 26
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS1 Segment
White River Area
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 92 OF 512

115°10'21"W 115°10'12"W 115°10'3"W 115°9'54"W 115°9'45"W 115°9'36"W

38°11'24"N
38°11'15"N
38°11'6"N
38°10'57"N
38°10'48"N
38°10'39"N
38°10'30"N

093
094
092
CS1WR1

4N 61E 19

CS1

BLM

Construction Camp 3

4N 61E 30

N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas CS1 Segment White River Area	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 93 OF 512

115°11'6"W 115°10'57"W 115°10'48"W 115°10'39"W 115°10'30"W 115°10'21"W

38°11'24"N
38°11'15"N
38°11'6"N
38°10'57"N
38°10'48"N
38°10'39"N
38°10'30"N

095 094 093 CS1/WR1

4N 60E 24 4N 61E 19

BLM CS1

4N 60E 25 4N 61E 30

N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas CS1 Segment White River Area	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 94 OF 512

115°11'51"W
115°11'42"W
115°11'33"W
115°11'24"W
115°11'15"W
115°11'6"W
38°11'24"N
38°11'15"N
38°11'6"N
38°10'57"N
38°10'48"N
38°10'39"N
38°10'30"N
095
094
CS1/WR1
4N 60E 23
4N 60E 24
4N 60E 25
BLM
CS1
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS1 Segment
White River Area
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 95 OF 512

115°12'36"W 115°12'27"W 115°12'18"W 115°12'9"W 115°12"W 115°11'51"W

38°11'24"N 38°11'15"N 38°11'6"N 38°10'57"N 38°10'48"N 38°10'39"N 38°10'30"N

097 CS1/WR1 095

EAST COAL VALLEY ROAD

4N 69E 23

BLM

CS1

Potential Siding Location

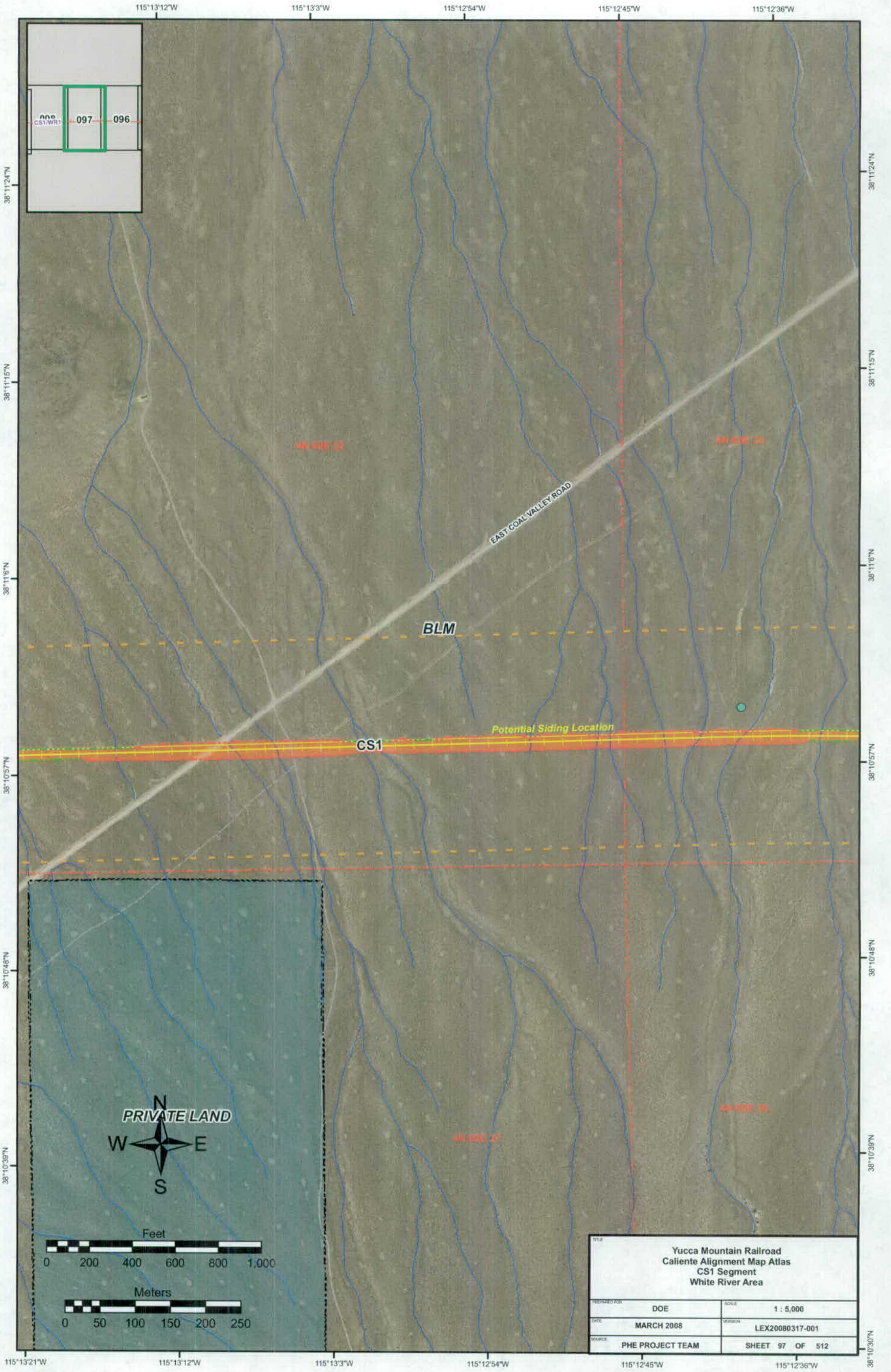
4N 69E 26

N
W E
S

Feet
0 200 400 600 800 1,000

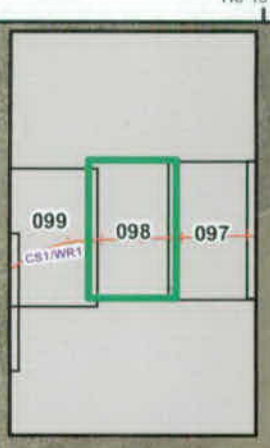
Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas CS1 Segment White River Area	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 96 OF 512


115°13'12"W
115°13'3"W
115°12'54"W
115°12'45"W
115°12'36"W
38°11'24"N
38°11'15"N
38°11'6"N
38°10'57"N
38°10'48"N
38°10'39"N
38°10'30"N
097
096
CS1/WR1
4N 60E 22
4N 60E 23
EAST COAL VALLEY ROAD
BLM
Potential Siding Location
CS1
4N 60E 27
4N 60E 26
PRIVATE LAND
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
115°13'21"W
Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS1 Segment
White River Area
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 97 OF 512

115°13'57"W 115°13'48"W 115°13'39"W 115°13'30"W 115°13'21"W

38°11'33"N 38°11'24"N 38°11'15"N 38°11'6"N 38°10'57"N 38°10'48"N 38°10'39"N



4N 60E 21

4N 60E 22

BLM

Potential Siding Location

CS1

EAST COAL VALLEY ROAD

4N 60E 28

4N 60E 27

PRIVATE LA

N
W E
S

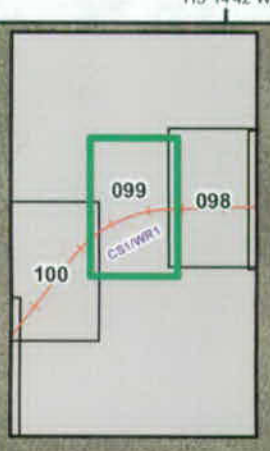
Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

TITLE	Yucca Mountain Railroad Caliente Alignment Map Atlas CS1 Segment White River Area
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 98 OF 512

115°14'42"W 115°14'33"W 115°14'24"W 115°14'15"W 115°14'6"W

38°11'24"N 38°11'15"N 38°11'6"N 38°10'57"N 38°10'48"N 38°10'39"N 38°10'30"N



4N 60E 21

BLM

CS1

4N 60E 28

N
W E
S

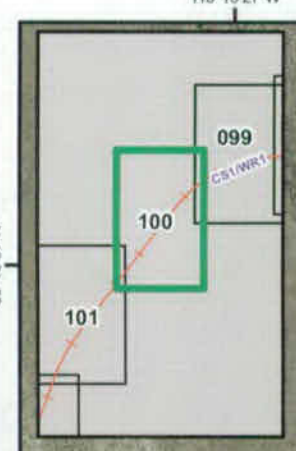
Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas CS1 Segment White River Area	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 99 OF 512

115°15'27"W 115°15'18"W 115°15'9"W 115°15'W 115°14'51"W

38°10'57"N 38°10'48"N 38°10'39"N 38°10'30"N 38°10'21"N 38°10'12"N 38°10'3"N



4N 60E 20

4N 60E 21

BLM

4N 60E 29

4N 60E 28

CS1

N
W E
S

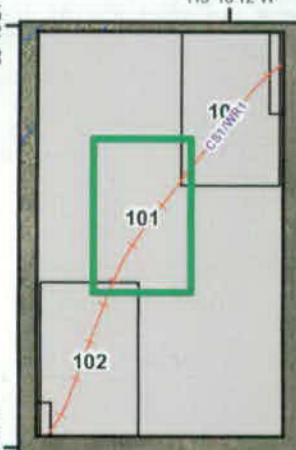
Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas CS1 Segment White River Area	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 100 OF 512

115°16'12"W 115°16'3"W 115°15'54"W 115°15'45"W 115°15'36"W

38°10'21"N 38°10'12"N 38°10'3"N 38°9'54"N 38°9'45"N 38°9'36"N 38°9'27"N



4N 60E 30

4N 60E 29

CS1

BLM

4N 60E 31

4N 60E 32

EAST COAL VALLEY ROAD

N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS1 Segment
White River Area

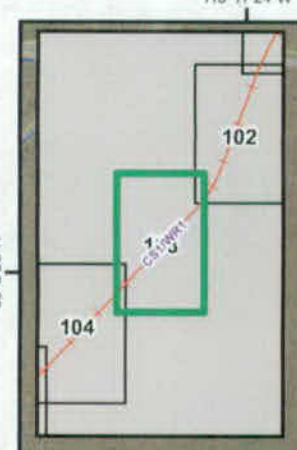
PREPARED FOR	DOE	SCALE	1 : 5,000
DATE	MARCH 2008	VERSION	LEX20080317-001
SOURCE	PHE PROJECT TEAM		SHEET 101 OF 512

115°16'12"W 115°16'3"W 115°15'54"W 115°15'45"W 115°15'36"W

115°16'39"W
115°16'30"W
115°16'21"W
115°16'12"W
115°16'3"W
38°9'18"N
38°9'9"N
38°8'51"N
38°8'42"N
38°8'33"N
38°8'24"N
101
102
CS1WR1
4N 60E 31
4N 60E 32
EAST COAL VALLEY ROAD
CS1
BLM
3N 60E 06
3N 60E 05
3N 60E 07
3N 60E 08
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS1 Segment
White River Area
DOE
1 : 5,000
MARCH 2008
LEX20080317-001
PHE PROJECT TEAM
SHEET 102 OF 512

115°17'24"W 115°17'15"W 115°17'6"W 115°16'57"W 115°16'48"W

38°8'33"N 38°8'24"N 38°8'15"N 38°8'6"N 38°7'57"N 38°7'48"N 38°7'39"N



3N 59E 12

3N 60E 07

BLM

CS1

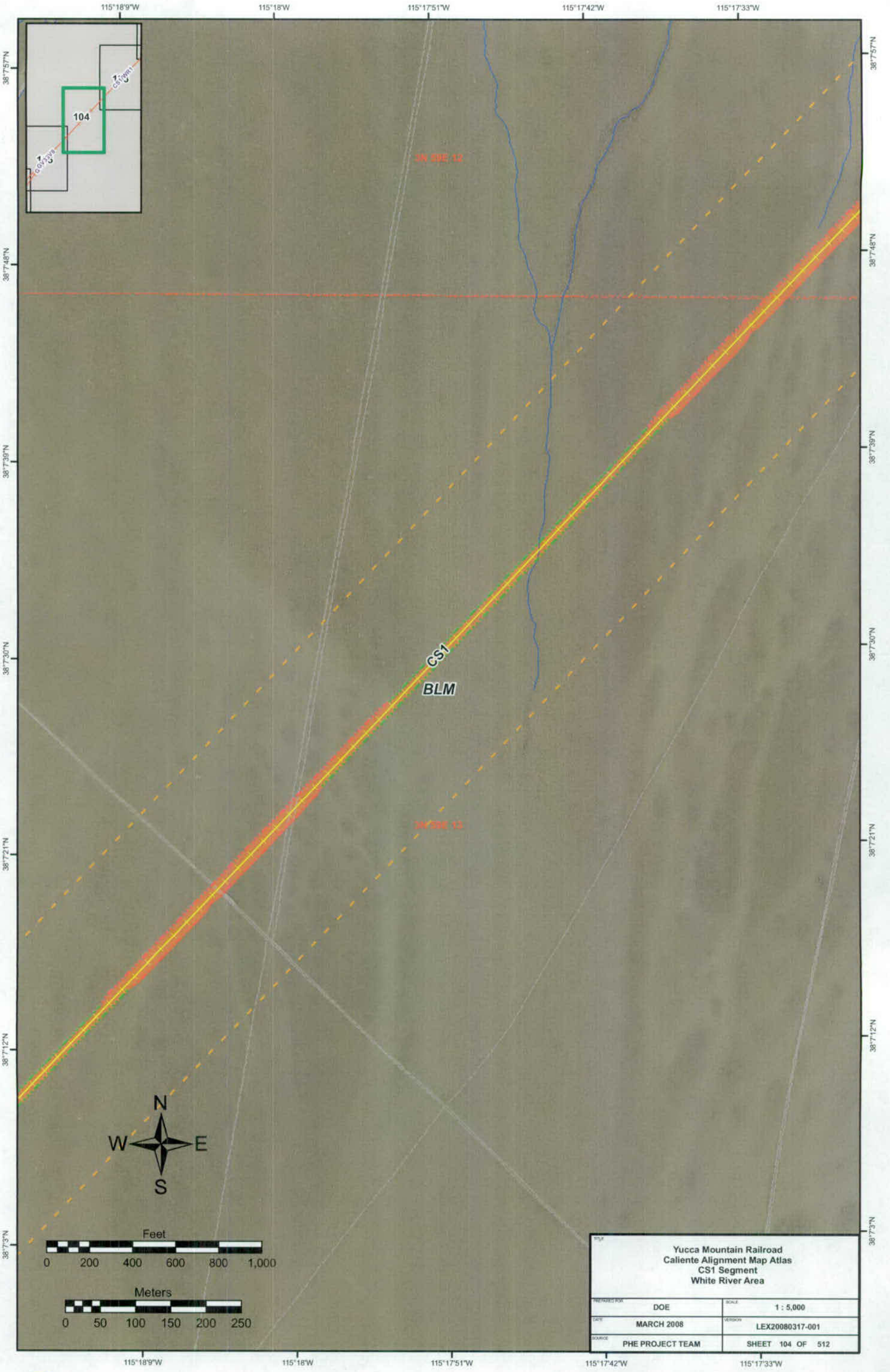
3N 60E 18

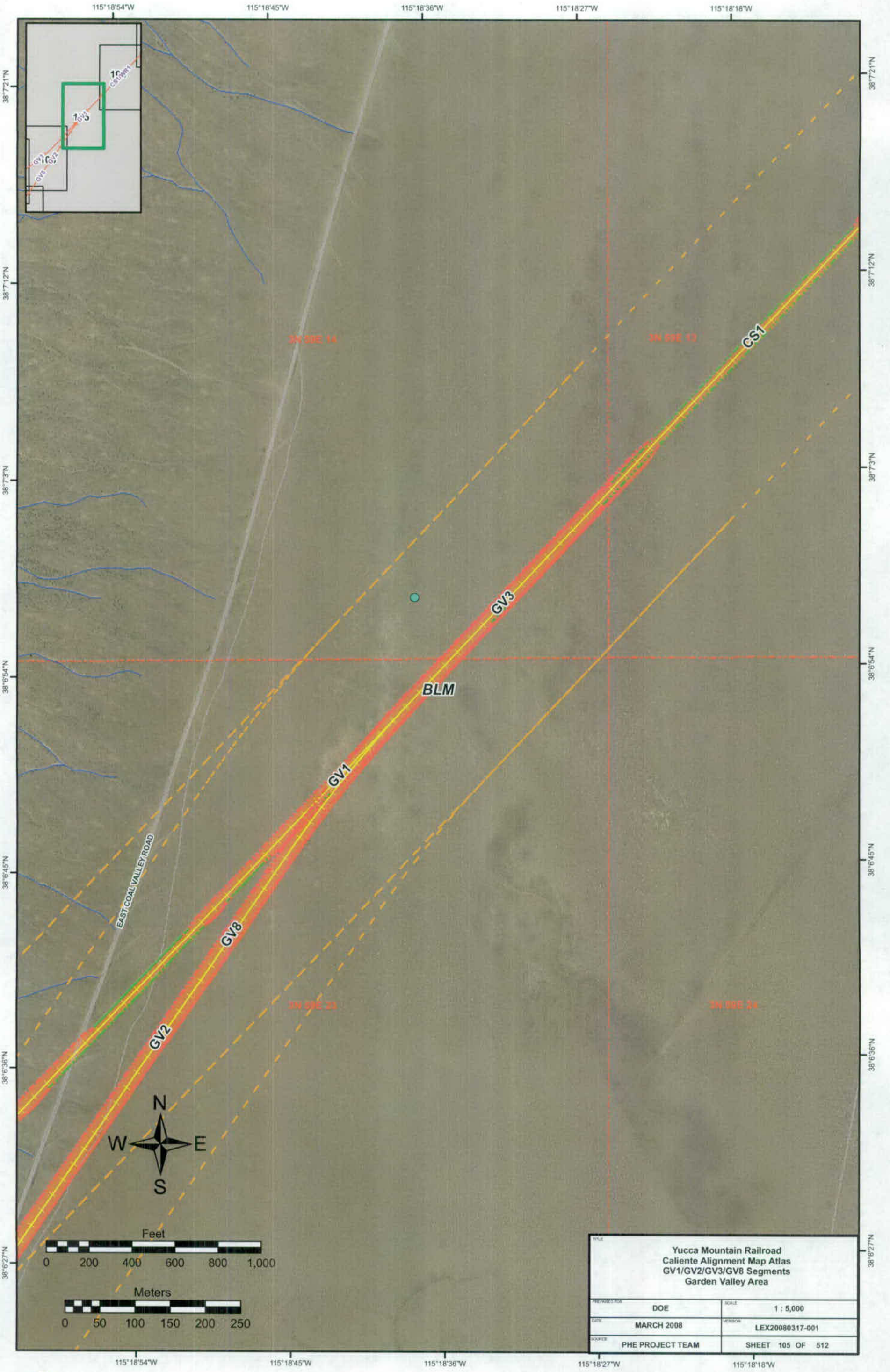
N
W E
S

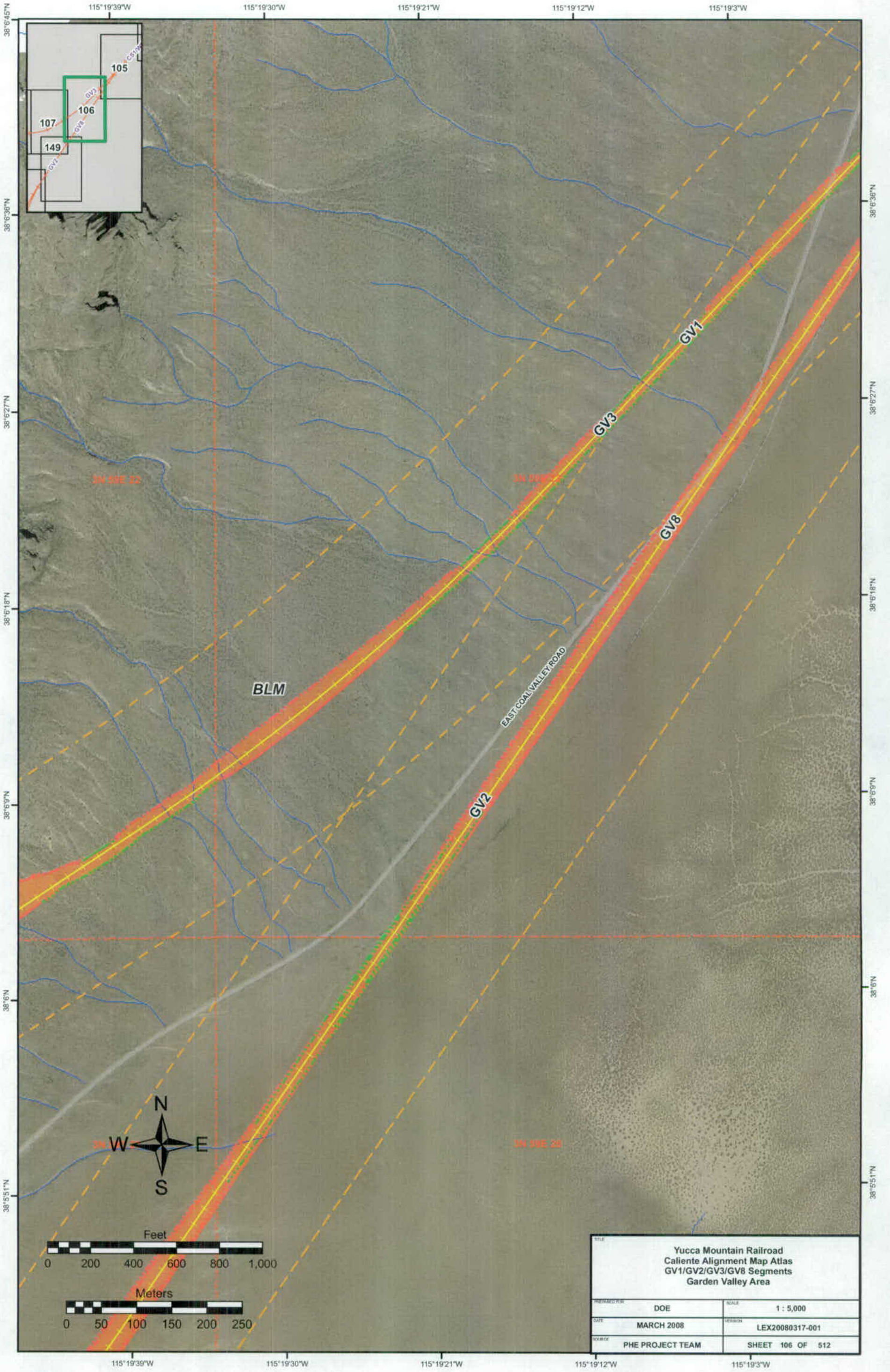
Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas CS1 Segment White River Area	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 103 OF 512

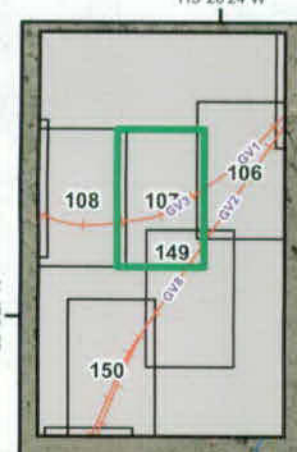

115°18'9"W
115°18'W
115°17'51"W
115°17'42"W
115°17'33"W
38°7'57"N
38°7'48"N
38°7'39"N
38°7'30"N
38°7'21"N
38°7'12"N
38°7'3"N
104
CS1WR1
GOV1WR1
3N 59E 12
CS1
BLM
34°59E 13
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS1 Segment
White River Area
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 104 OF 512


115°18'54"W
115°18'45"W
115°18'36"W
115°18'27"W
115°18'18"W
38°7'21"N
38°7'12"N
38°7'3"N
38°6'54"N
38°6'45"N
38°6'36"N
38°6'27"N
3N 59E 1A
3N 59E 13
3N 59E 23
3N 59E 24
CS1
GV3
BLM
GV1
GV8
GV2
EAST COAL VALLEY ROAD
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
GV1/GV2/GV3/GV8 Segments
Garden Valley Area
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 105 OF 512


115°19'39"W
115°19'30"W
115°19'21"W
115°19'12"W
115°19'3"W
38°6'45"N
38°6'36"N
38°6'27"N
38°6'18"N
38°6'9"N
38°6'N
38°5'51"N
105
106
107
149
GV1
GV3
GV8
GV2
BLM
EAST COAL VALLEY ROAD
3N 59E 22
3N 59E 28
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
GV1/GV2/GV3/GV8 Segments
Garden Valley Area
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 106 OF 512

115°20'24"W 115°20'15"W 115°20'6"W 115°19'57"W 115°19'48"W

38°6'27"N 38°6'18"N 38°5'59"N 38°6'N 38°5'51"N 38°5'42"N 38°5'33"N



3N 59E 27

BLM

GV1 GV3

EAST COAL VALLEY ROAD

RIM ROCK CANYON ROAD

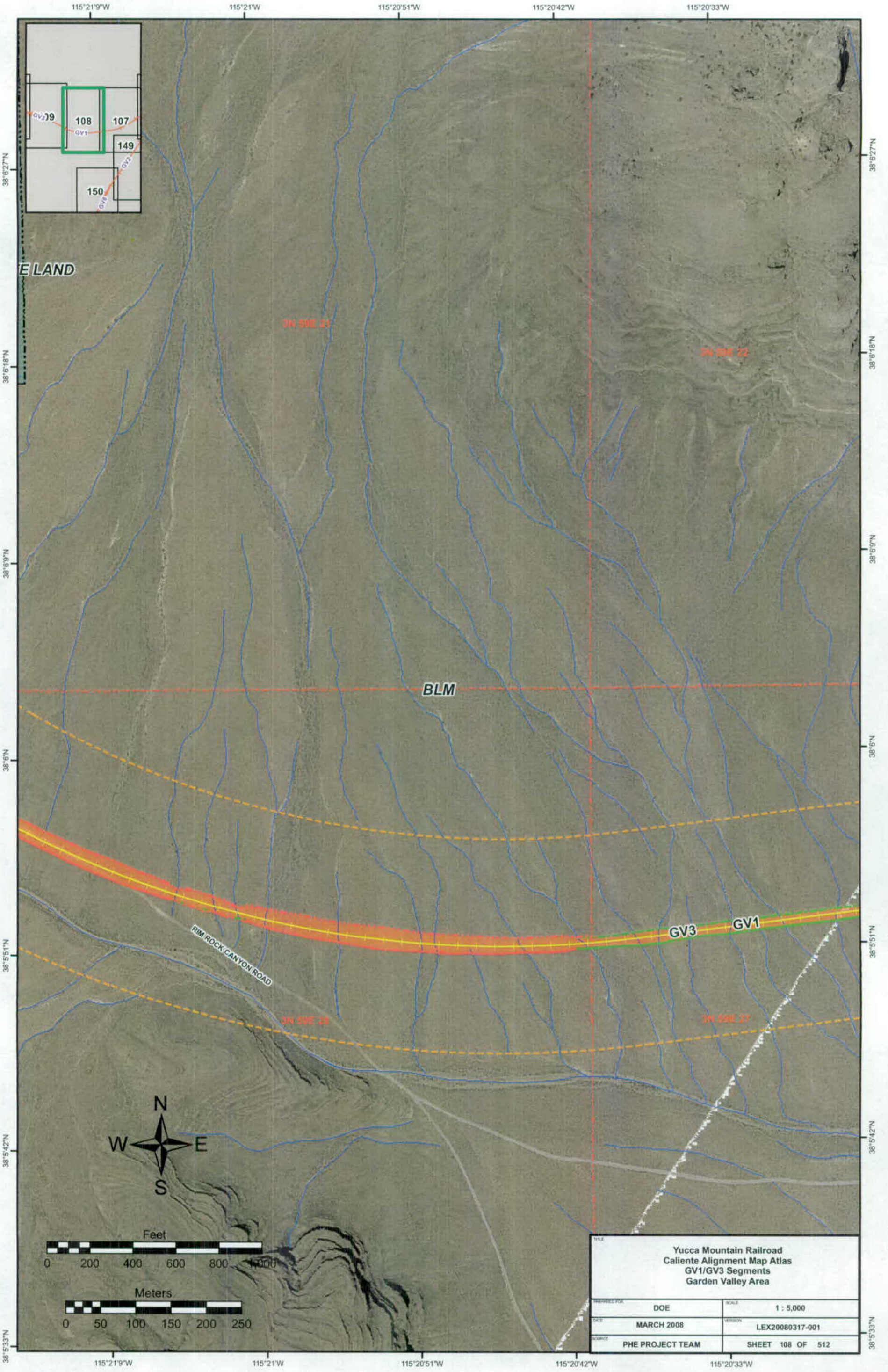
GV2

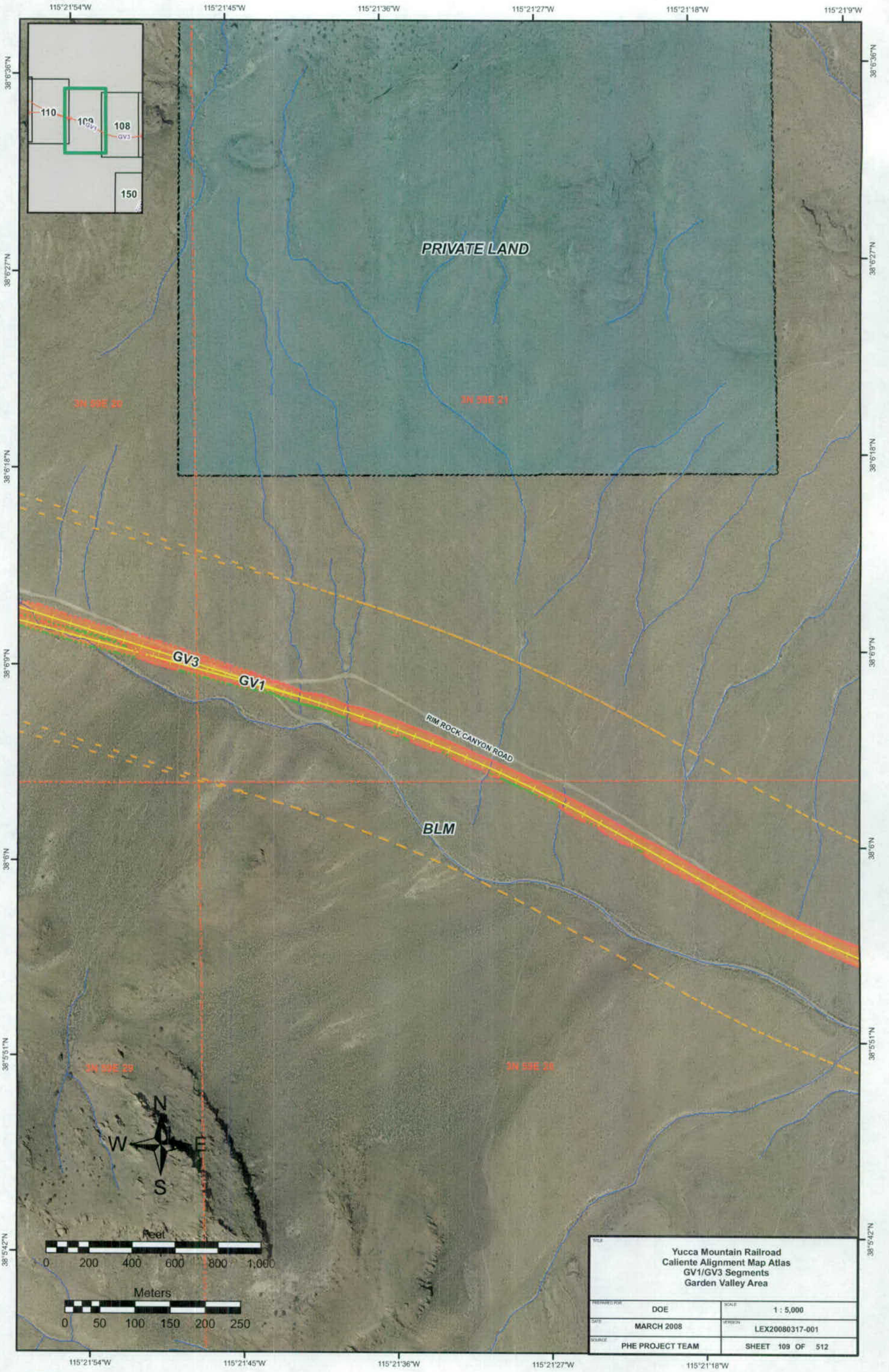
N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas GV1/GV3 Segments Garden Valley Area	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 107 OF 512


115°21'9"W
115°21'W
115°20'51"W
115°20'42"W
115°20'33"W
38°6'27"N
38°6'18"N
38°6'9"N
38°6'N
38°5'51"N
38°5'42"N
38°5'33"N
108
107
149
150
GV1
GV2
GV3
GV8
E LAND
3N 59E 21
3N 59E 22
BLM
RIM ROCK CANYON ROAD
3N 59E 28
3N 59E 27
GV3
GV1
N
W
E
S
Feet
0 200 400 600 800 1000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
GV1/GV3 Segments
Garden Valley Area
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 108 OF 512


115°21'54"W
115°21'45"W
115°21'36"W
115°21'27"W
115°21'18"W
115°21'9"W
38°6'36"N
38°6'27"N
38°6'18"N
38°6'9"N
38°6'N
38°5'51"N
38°5'42"N
110
109
GV1
108
GV3
150
PRIVATE LAND
3N 59E 20
3N 59E 21
GV3
GV1
RIM ROCK CANYON ROAD
BLM
3N 59E 29
3N 59E 28
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
GV1/GV3 Segments
Garden Valley Area
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 109 OF 512

115°22'39"W 115°22'30"W 115°22'21"W 115°22'12"W 115°22'3"W 115°21'54"W

38°6'45"N 38°6'36"N 38°6'27"N 38°6'18"N 38°6'9"N 38°6'N 38°5'51"N

111 109

GV3 GV1

3N 59E 29

RIM ROCK CANYON ROAD

BLM

N
W E
S

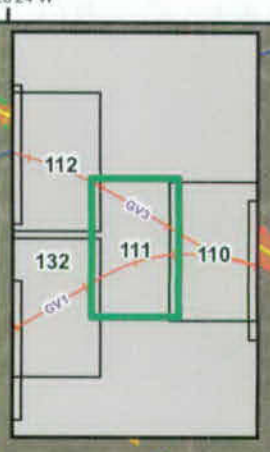
Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas GV1/GV3 Segments Garden Valley Area	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 110 OF 512

115°23'24"W 115°23'15"W 115°23'6"W 115°22'57"W 115°22'48"W 115°22'39"W

38°6'45"N 38°6'36"N 38°6'27"N 38°6'18"N 38°6'9"N 38°6'N 38°5'51"N



GV3

RIM ROCK CANYON ROAD

3N 59E 19

3N 59E 20

BLM

GV1

3N 59E 30

3N 59E 29

N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas GV1/GV3 Segments Garden Valley Area	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 111 OF 512

115°24'W 115°23'51"W 115°23'42"W 115°23'33"W 115°23'24"W

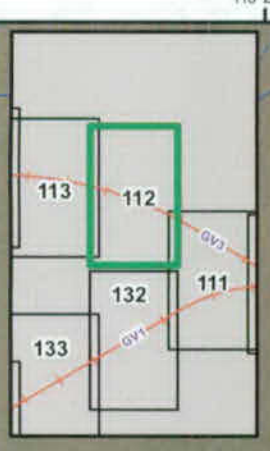
38°7'21"N 38°7'12"N 38°7'3"N 38°6'54"N 38°6'45"N 38°6'36"N 38°6'27"N

RIM ROCK CANYON ROAD

3N 59E 13 3N 59E 14 3N 59E 24 3N 59E 19

GV3

BLM



N
W E
S

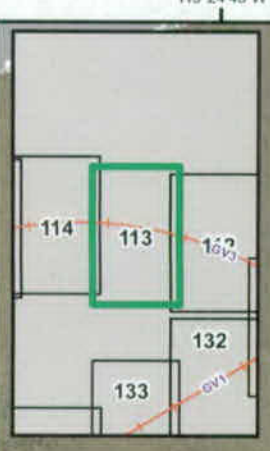
Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas GV3 Segment Garden Valley Area	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 112 OF 512

115°24'45"W 115°24'36"W 115°24'27"W 115°24'18"W 115°24'9"W

38°7'30"N 38°7'21"N 38°7'12"N 38°7'3"N 38°6'54"N 38°6'45"N 38°6'36"N



3N 50E 13

GV3

BLM

3N 50E 24

N
W E
S

Feet
0 200 400 600 800 1,000

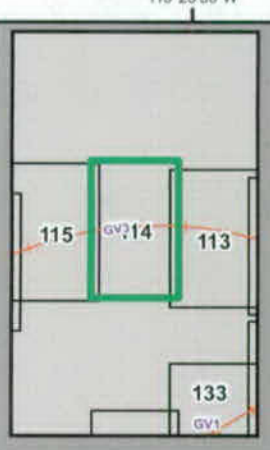
Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas GV3 Segment Garden Valley Area	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 113 OF 512

115°24'45"W 115°24'36"W 115°24'27"W 115°24'18"W 115°24'9"W

115°25'30"W 115°25'21"W 115°25'12"W 115°25'3"W 115°24'54"W

38°7'30"N 38°7'21"N 38°7'12"N 38°7'3"N 38°6'54"N 38°6'45"N 38°6'36"N



3N 98E 14

3N 98E 13

GV3

BLM

3N 98E 23

3N 98E 24

N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas GV3 Segment Garden Valley Area	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 114 OF 512

115°26'15"W 115°26'6"W 115°25'57"W 115°25'48"W 115°25'39"W

38°7'30"N 38°7'21"N 38°7'12"N 38°7'3"N 38°6'54"N 38°6'45"N 38°6'36"N

116 115 114 GV3 134

3N 58E 15

3N 58E 14

BLM

GV3

3N 58E 22

3N 58E 23

N W E S

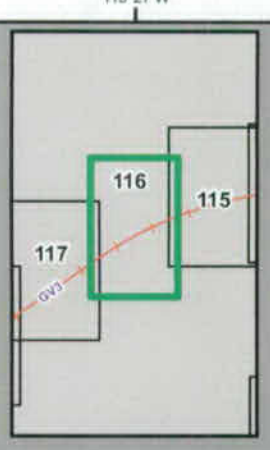
Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas GV3 Segment Garden Valley Area	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 115 OF 512

115°27'W 115°26'51"W 115°26'42"W 115°26'33"W 115°26'24"W 115°26'15"W

38°7'21"N 38°7'12"N 38°7'3"N 38°6'54"N 38°6'45"N 38°6'36"N 38°6'27"N



3N 58E 15

BLM

GV3

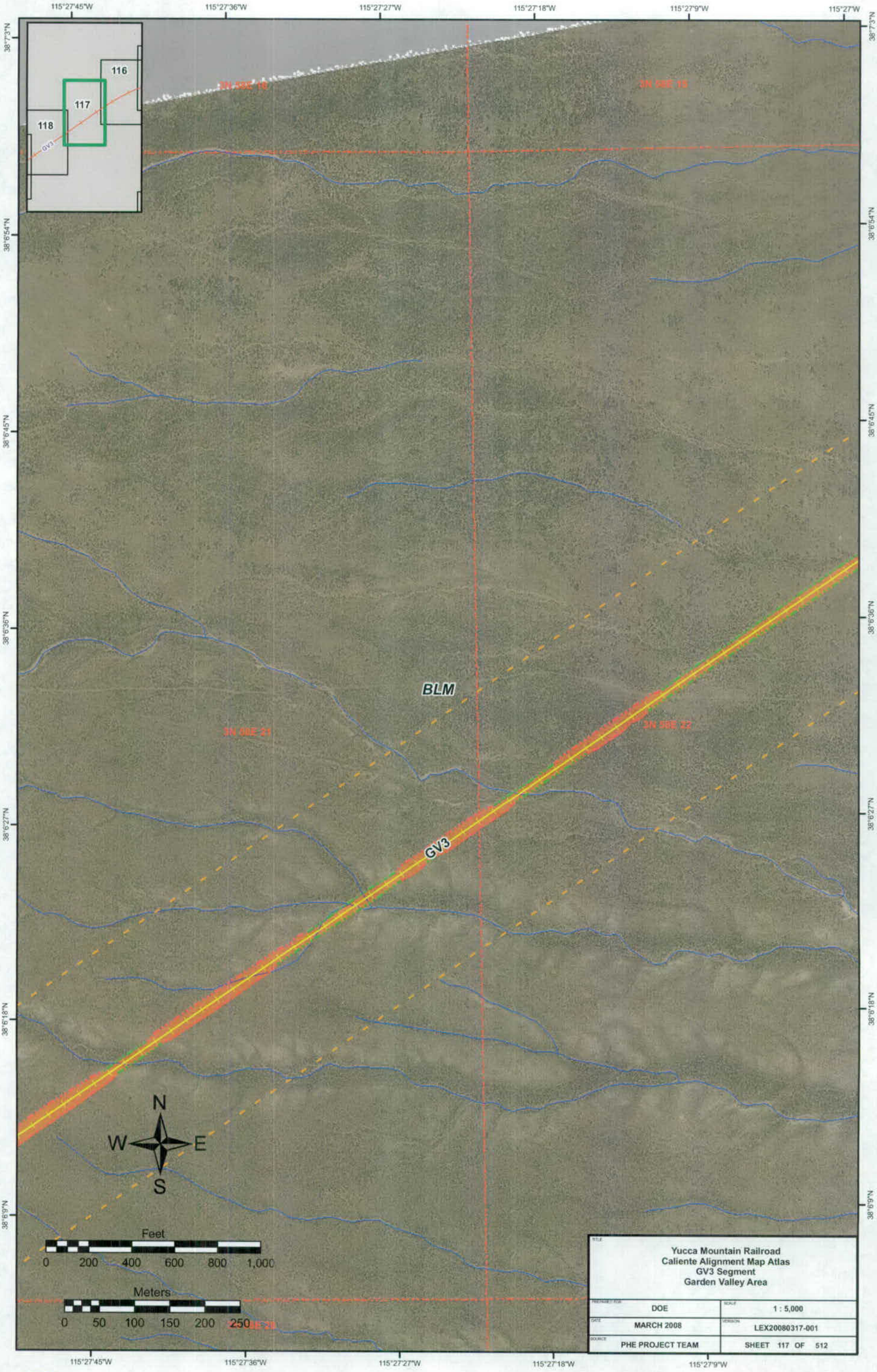
3N 58E 22

N
W E
S

Feet
0 200 400 600 800 1,000

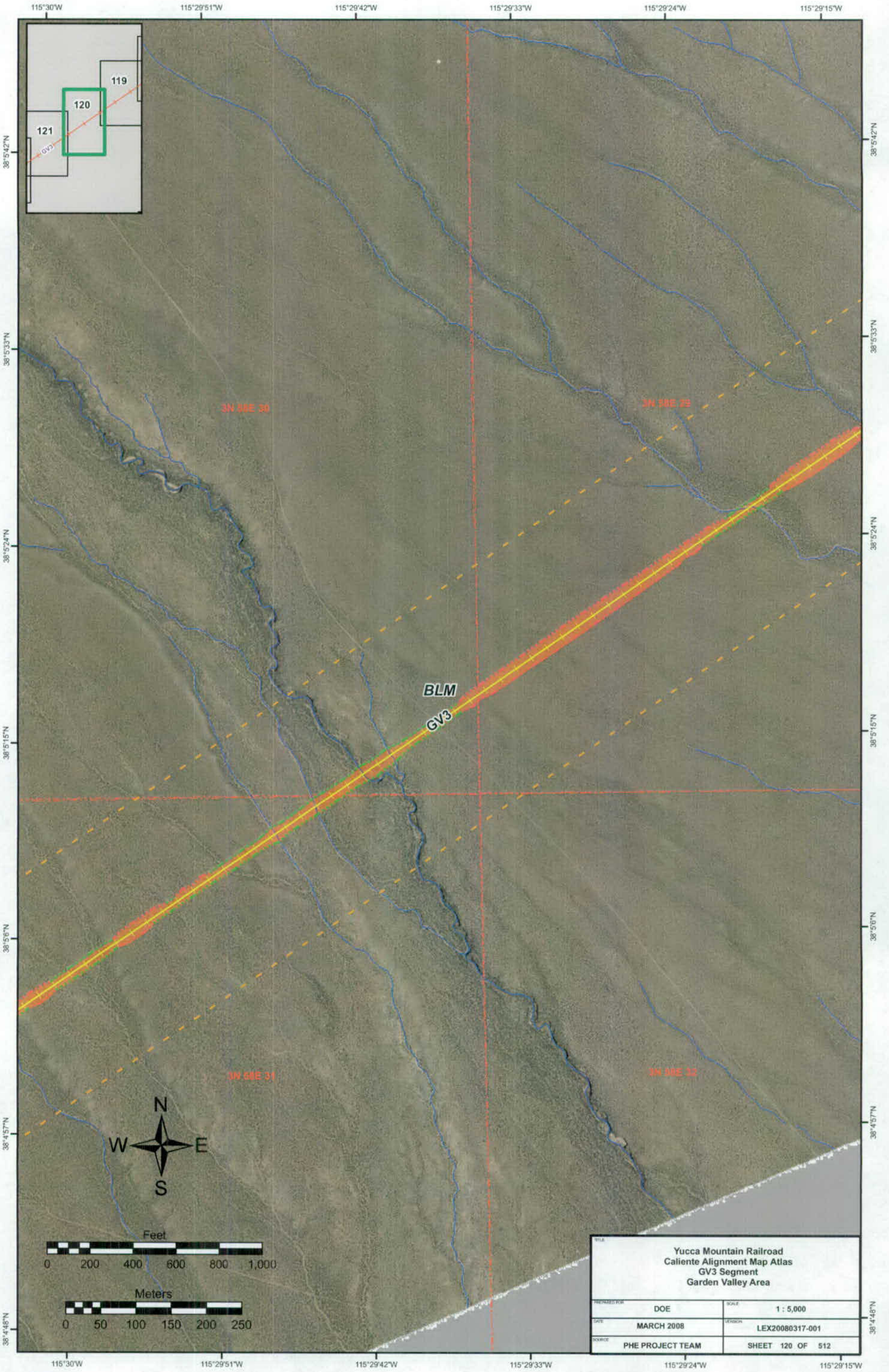
Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas GV3 Segment Garden Valley Area	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 116 OF 512


115°27'45"W
115°27'36"W
115°27'27"W
115°27'18"W
115°27'9"W
115°27'W
38°7'3"N
38°6'54"N
38°6'45"N
38°6'36"N
38°6'27"N
38°6'18"N
38°6'9"N
116
117
118
GV3
3N 58E 16
3N 58E 15
BLM
3N 58E 21
3N 58E 22
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
GV3 Segment
Garden Valley Area
PREPARED FOR DOE
SCALE 1 : 5,000
DATE MARCH 2008
VERSION LEX20080317-001
SOURCE PHE PROJECT TEAM
SHEET 117 OF 512

115°28'30"W
115°28'21"W
115°28'12"W
115°28'3"W
115°27'54"W
115°27'45"W
38°6'36"N
38°6'27"N
38°6'18"N
38°6'9"N
38°6'N
38°5'51"N
38°5'42"N
117
118
119
GV3
3N 58E 20
3N 58E 21
3N 58E 28
3N 58E 29
BLM
GV3
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
GV3 Segment
Garden Valley Area
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 118 OF 512

115°29'15"W
115°29'6"W
115°28'57"W
115°28'48"W
115°28'39"W
115°28'30"W
38°6'9"N
38°5'51"N
38°5'42"N
38°5'33"N
38°5'24"N
38°5'15"N
118
119
120
GV3
3N 58E 20
3N 58E
3N 58E 29
BLM
CHERRY CREEK ROAD
GV3
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
GV3 Segment
Garden Valley Area
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 119 OF 512

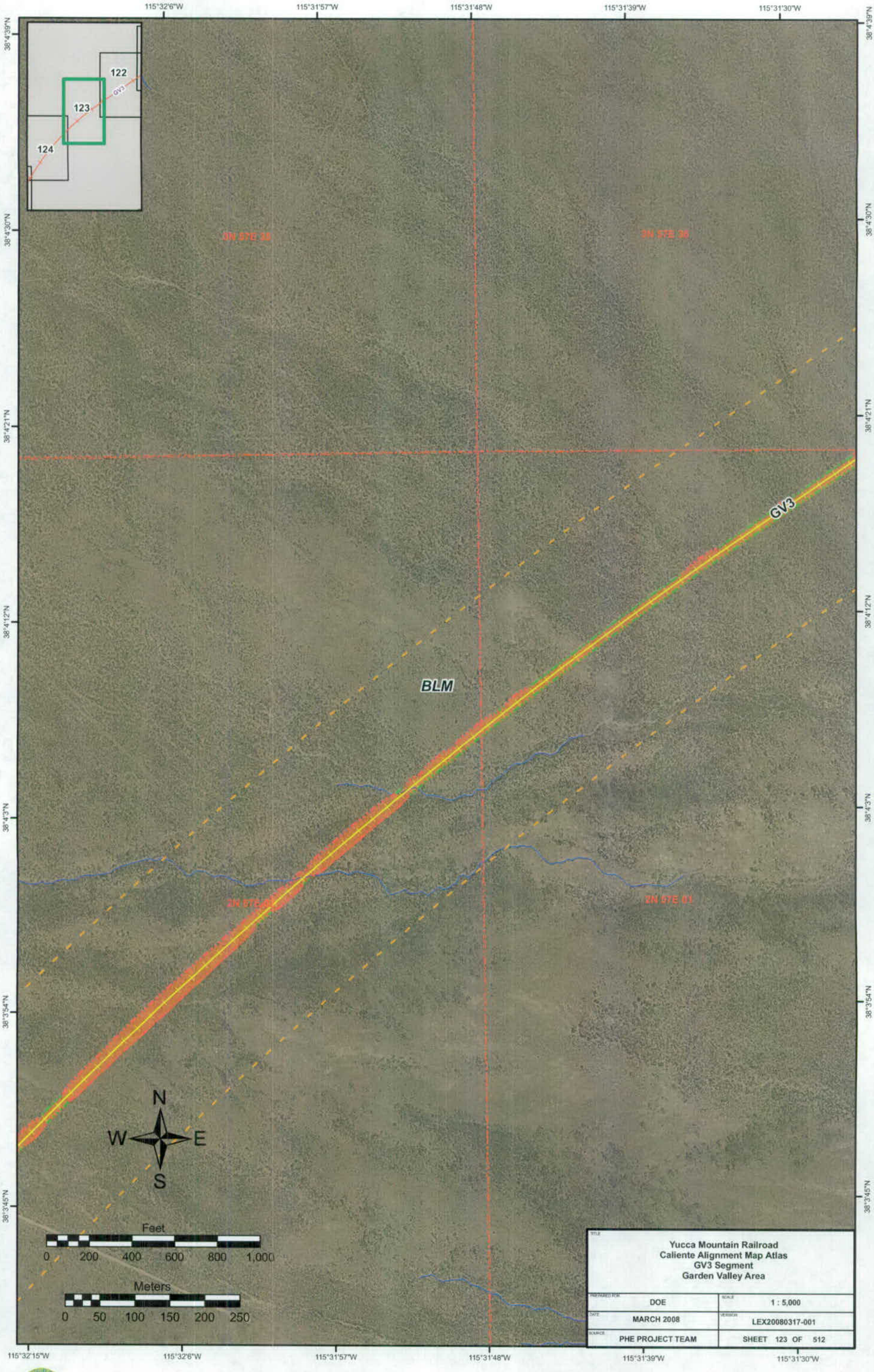


Yucca Mountain Railroad
Caliente Alignment Map Atlas
GV3 Segment
Garden Valley Area

PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 120 OF 512

115°30'45"W
115°30'36"W
115°30'27"W
115°30'18"W
115°30'9"W
115°30"W
38°5'24"N
38°5'15"N
38°5'6"N
38°4'57"N
38°4'48"N
38°4'39"N
38°4'30"N
120
121
122
GV3
3N 58E 36
BLM
GV3
3N 57E 36
3N 58E 31
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
GV3 Segment
Garden Valley Area
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 121 OF 512

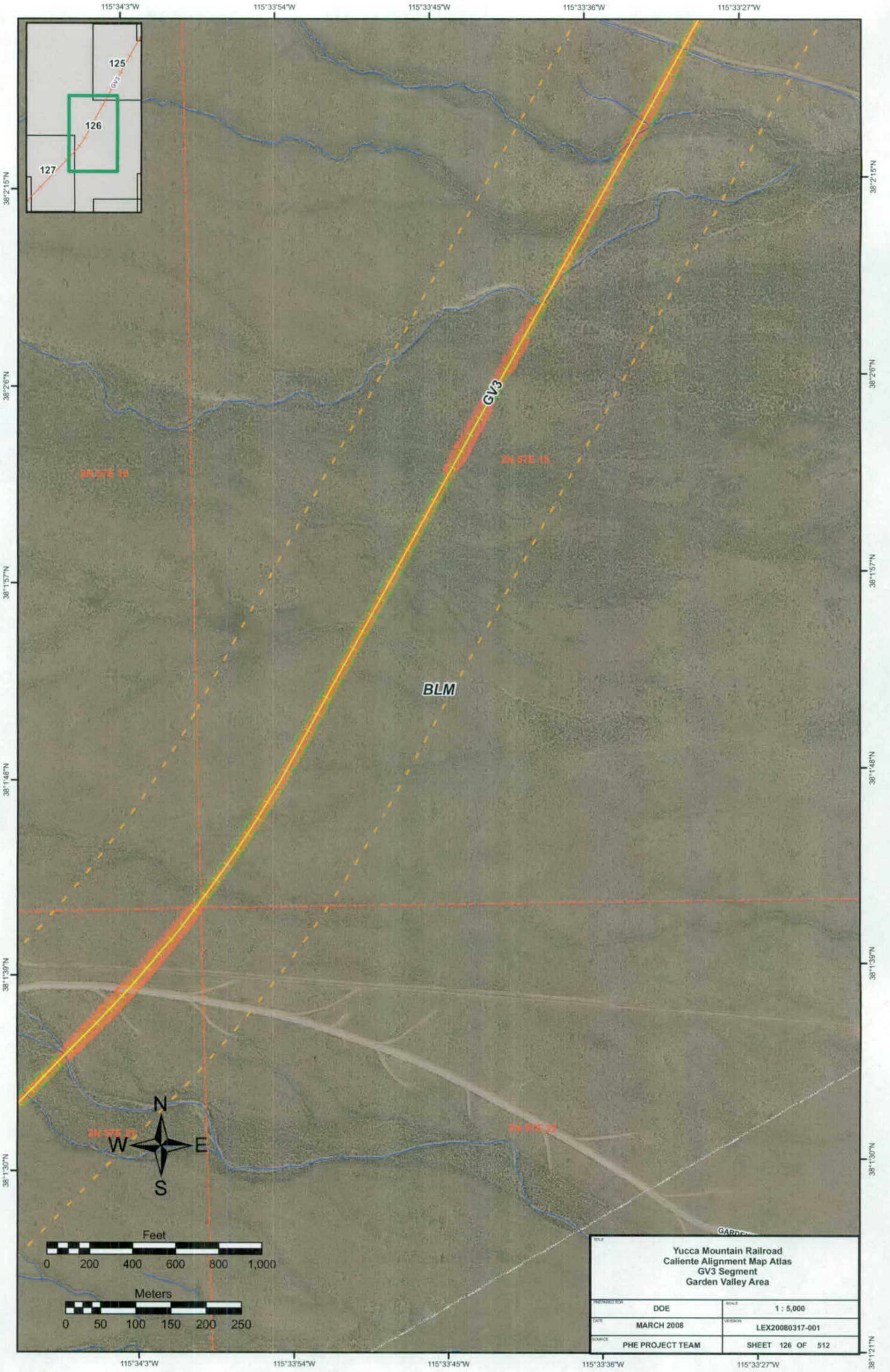
115°31'30"W
115°31'21"W
115°31'12"W
115°31'3"W
115°30'54"W
115°30'45"W
38°4'57"N
38°4'48"N
38°4'39"N
38°4'30"N
38°4'21"N
38°4'12"N
38°4'3"N
121
122
123
GV3
3N 57E 36
BLM
GV3
2N 57E 01
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
GV3 Segment
Garden Valley Area
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 122 OF 512


115°32'6"W
115°31'57"W
115°31'48"W
115°31'39"W
115°31'30"W
38°4'39"N
38°4'30"N
38°4'21"N
38°4'12"N
38°4'3"N
38°3'54"N
38°3'45"N
122
123
124
GV3
3N 57E 36
3N 57E 36
BLM
GV3
2N 57E 01
2N 57E 01
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
GV3 Segment
Garden Valley Area
DOE
1 : 5,000
MARCH 2008
LEX20080317-001
PHE PROJECT TEAM
SHEET 123 OF 512

115°32'51"W
115°32'42"W
115°32'33"W
115°32'24"W
115°32'15"W
38°4'3"N
38°3'54"N
38°3'45"N
38°3'36"N
38°3'27"N
38°3'18"N
38°3'9"N
123
124
125
126
GV3
2N 57E 03
2N 57E 02
BLM
2N 57E 10
2N 57E 11
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
115°33'W

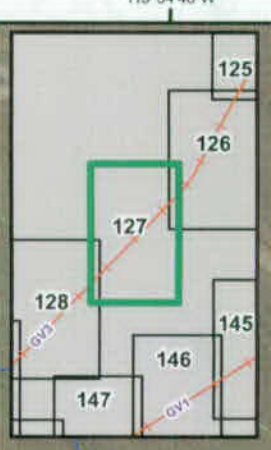
Yucca Mountain Railroad Caliente Alignment Map Atlas GV3 Segment Garden Valley Area	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 124 OF 512

115°33'36"W
115°33'27"W
115°33'18"W
115°33'9"W
115°33'W
38°3'18"N
38°3'9"N
38°3'N
38°2'51"N
38°2'42"N
38°2'33"N
38°2'24"N
124
125
126
GV3
2N 57E 10
BLM
2N 57E 45
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
GV3 Segment
Garden Valley Area
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 125 OF 512


115°34'3"W
115°33'54"W
115°33'45"W
115°33'36"W
115°33'27"W
38°2'15"N
38°2'6"N
38°1'57"N
38°1'48"N
38°1'39"N
38°1'30"N
38°1'21"N
125
126
127
GV3
2N 57E 10
2N 57E 15
2N 57E 21
2N 57E 22
BLM
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
GV3 Segment
Garden Valley Area
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 126 OF 512

115°34'48"W 115°34'39"W 115°34'30"W 115°34'21"W 115°34'12"W

38°1'48"N 38°1'39"N 38°1'30"N 38°1'21"N 38°1'12"N 38°1'3"N 38°0'54"N



2N 57E 16

GARDEN VALLEY ROAD

BLM

GV3

2N 57E 21

Construction Camp #4

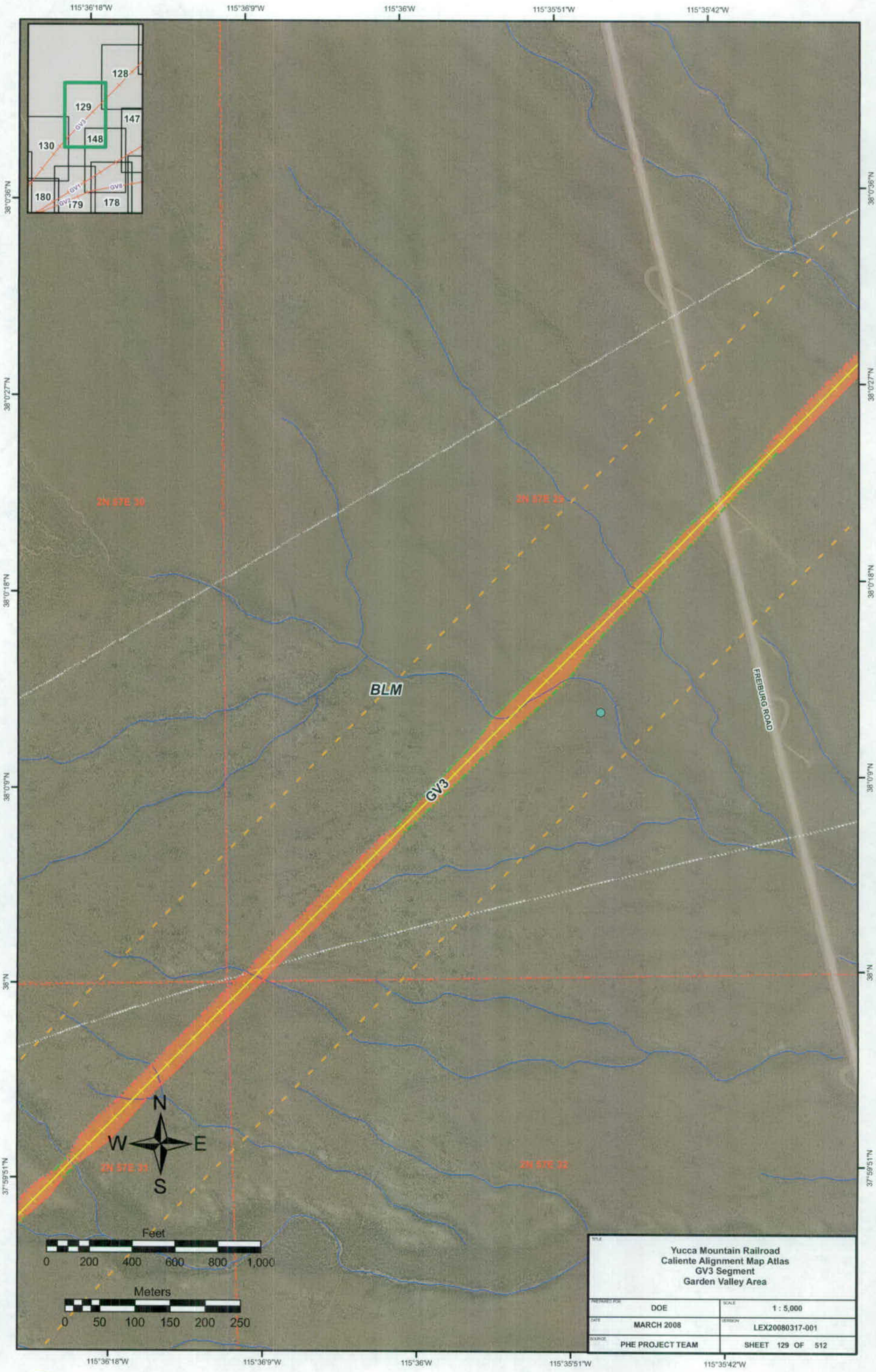
N
W E
S

Feet
0 200 400 600 800 1,000

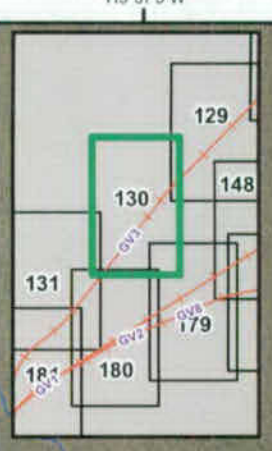
Meters
0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas GV3 Segment Garden Valley Area	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 127 OF 512

115°35'33"W
115°35'24"W
115°35'15"W
115°35'6"W
115°34'57"W
38°1'12"N
38°1'3"N
38°0'54"N
38°0'45"N
38°0'36"N
38°0'27"N
38°0'18"N
127
128
129
146
147
148
178
GV1
GV1
GV2
2N 57E 20
2N 57E 21
2N 57E 29
2N 57E 28
BLM
CHERRY CREEK WEST ROAD
Water Line
GV3
Construction Camp 4a
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
GV3 Segment
Garden Valley Area
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 128 OF 512


115°36'18"W
115°36'9"W
115°36'W
115°35'51"W
115°35'42"W
38°0'36"N
38°0'27"N
38°0'18"N
38°0'9"N
38°N
37°59'51"N
128
129
147
130
148
180
179
178
GV3
GV1
GV2
GV8
2N 57E 30
2N 57E 29
2N 57E 31
2N 57E 32
BLM
FREIBURG ROAD
GV3
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
GV3 Segment
Garden Valley Area
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 129 OF 512

115°37'3"W
115°36'54"W
115°36'45"W
115°36'36"W
115°36'27"W
38°0'9"N
38°N
37°59'51"N
37°59'42"N
37°59'33"N
37°59'24"N
37°59'15"N



2N 57E 30

BLM

2N 57E 31

GV3

N
W
E
S

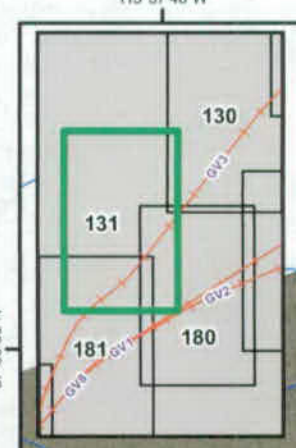
Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas GV3 Segment Garden Valley Area	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 130 OF 512

115°37'48"W 115°37'39"W 115°37'30"W 115°37'21"W 115°37'12"W 115°37'3"W

37°59'33"N 37°59'24"N 37°59'15"N 37°59'6"N 37°58'57"N 37°58'48"N 37°58'39"N



2N 56E 36

2N 57E 31

BLM

GV3

1N 56E 01

1N 57E 06

N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas GV3 Segment Garden Valley Area	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 131 OF 512

115°37'48"W 115°37'39"W 115°37'30"W 115°37'21"W 115°37'12"W

Yucca Mountain Railroad
Caliente Alignment Map Atlas
GV1 Segment
Garden Valley Area

PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 132 OF 512

115°24'45"W 115°24'36"W 115°24'27"W 115°24'18"W 115°24'9"W

38°6'N
38°5'51"N
38°5'42"N
38°5'33"N
38°5'24"N
38°5'15"N
38°5'6"N

3N 59E 24
3N 59E 25
3N 59E 26
3N 59E 27
3N 59E 28
3N 59E 29
3N 59E 30

GV1
BLM

114 113 112 132 133 134 GV3 GV1

N
W E
S

Feet
0 200 400 600 800 1,000

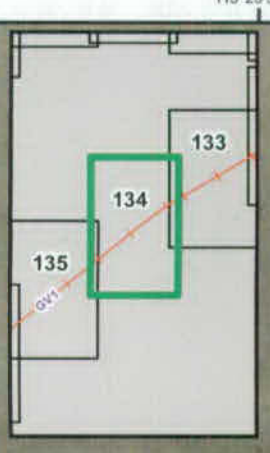
Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas GV1 Segment Garden Valley Area	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 133 OF 512

115°24'54"W 115°24'45"W 115°24'36"W 115°24'27"W 115°24'18"W 115°24'9"W

115°25'30"W 115°25'21"W 115°25'12"W 115°25'3"W 115°24'54"W

38°5'42"N 38°5'33"N 38°5'24"N 38°5'15"N 38°5'6"N 38°4'57"N 38°4'48"N



3N 50E 26

3N 50E 25

BLM

GV1

3N 50E 35

3N 50E 36

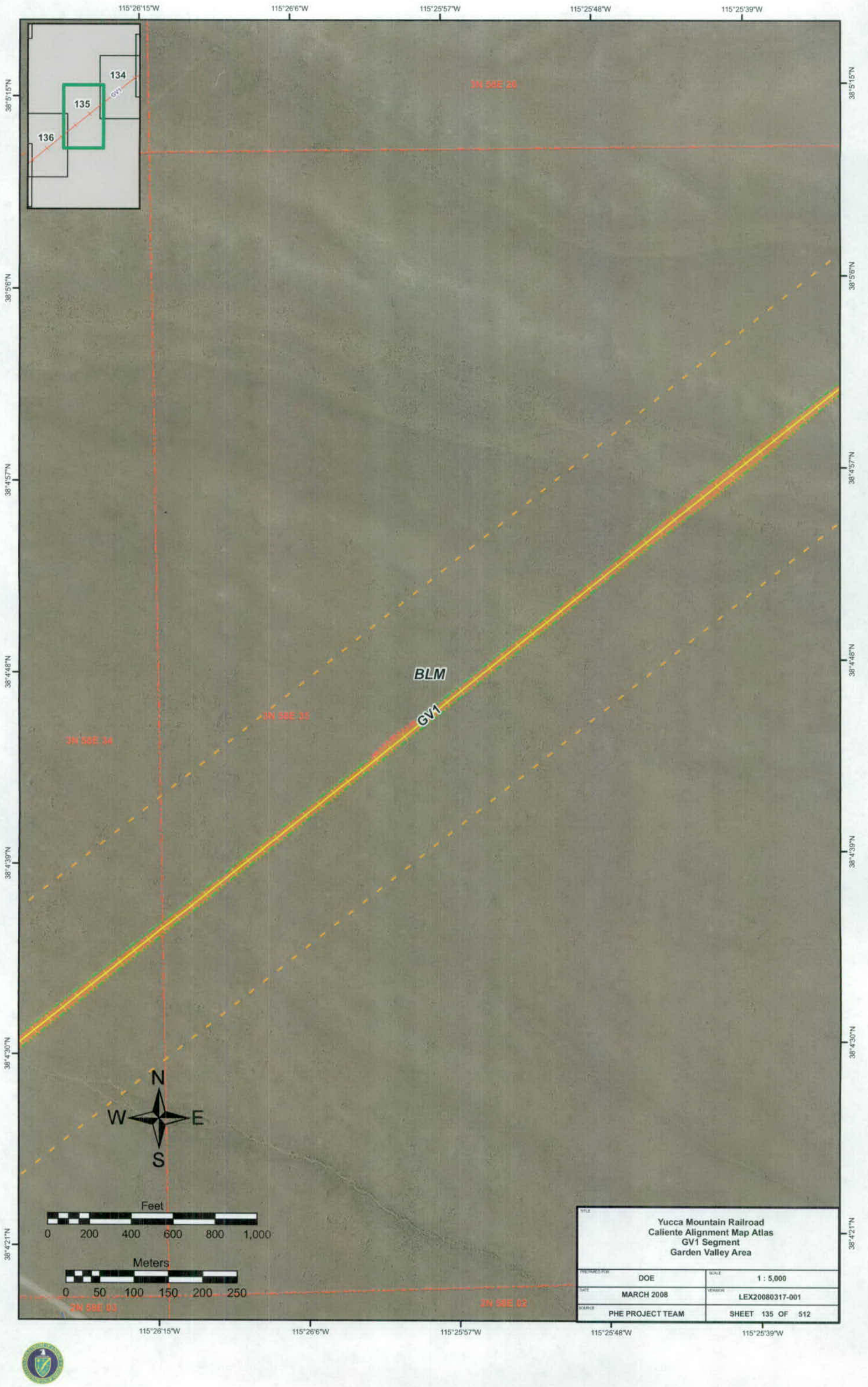
N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

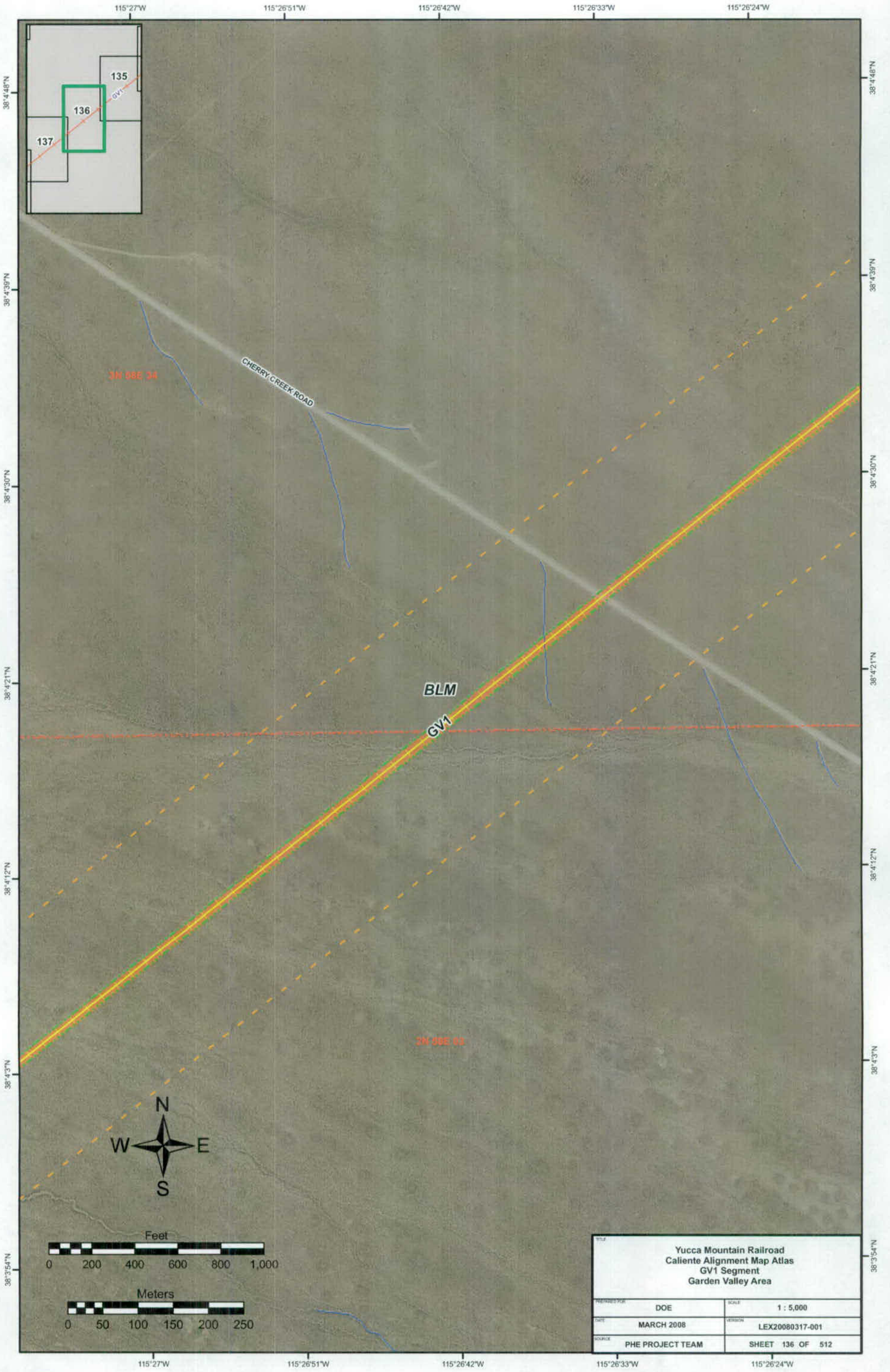
Yucca Mountain Railroad Caliente Alignment Map Atlas GV1 Segment Garden Valley Area	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 134 OF 512

115°25'30"W 115°25'21"W 115°25'12"W 115°25'3"W 115°24'54"W



Yucca Mountain Railroad
Caliente Alignment Map Atlas
GV1 Segment
Garden Valley Area

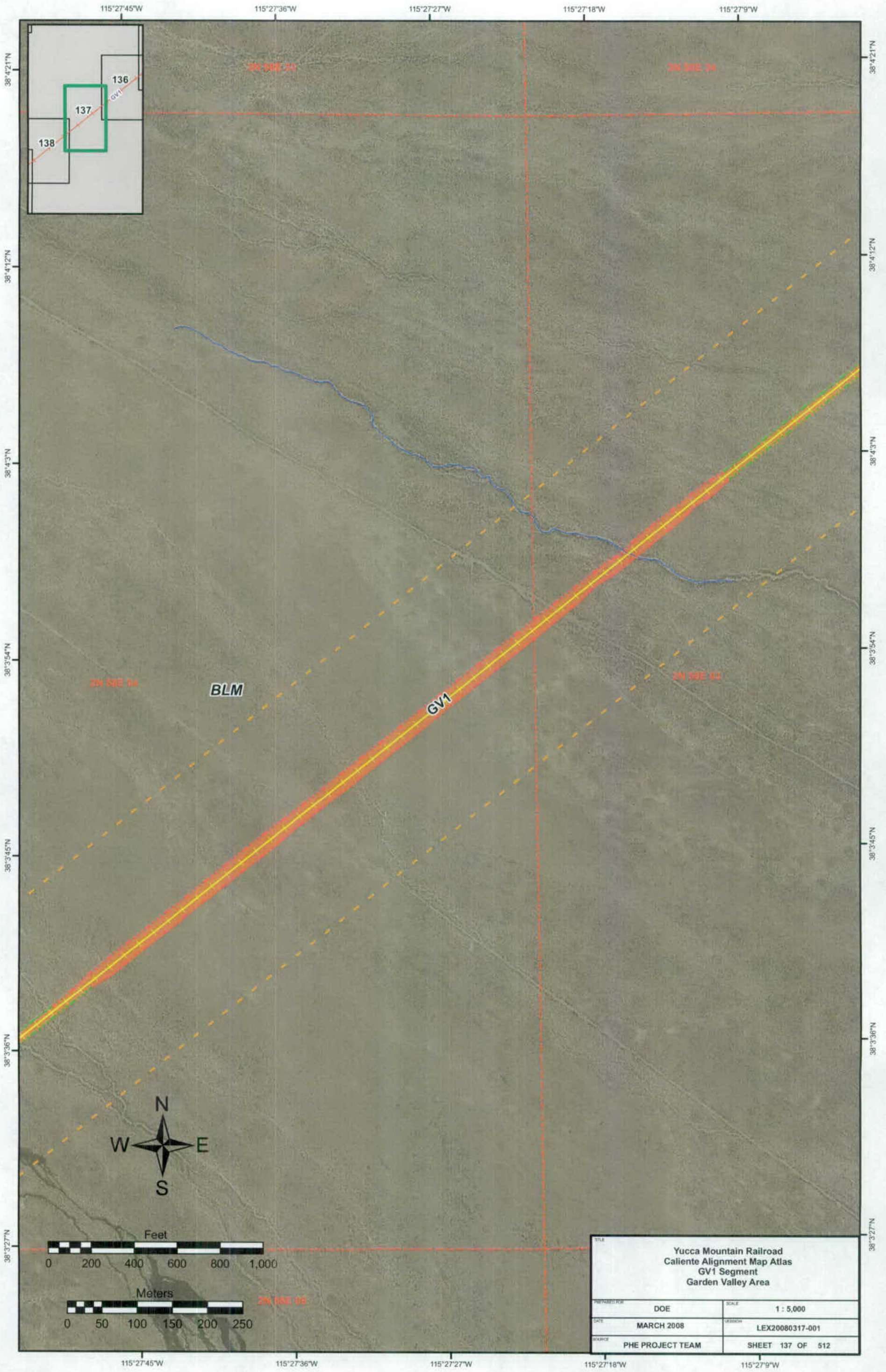
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 135 OF 512



TITLE

Yucca Mountain Railroad
Caliente Alignment Map Atlas
GV1 Segment
Garden Valley Area

PREPARED FOR	SCALE
DOE	1 : 5,000
DATE	VERSION
MARCH 2008	LEX20080317-001
SOURCE	
PHE PROJECT TEAM	SHEET 136 OF 512


115°27'45"W
115°27'36"W
115°27'27"W
115°27'18"W
115°27'9"W
38°4'21"N
38°4'12"N
38°4'3"N
38°3'54"N
38°3'45"N
38°3'36"N
38°3'27"N
3N 58E 34
2N 58E 04
2N 58E 03
2N 58E 09
BLM
GV1
136
137
138
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
GV1 Segment
Garden Valley Area
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
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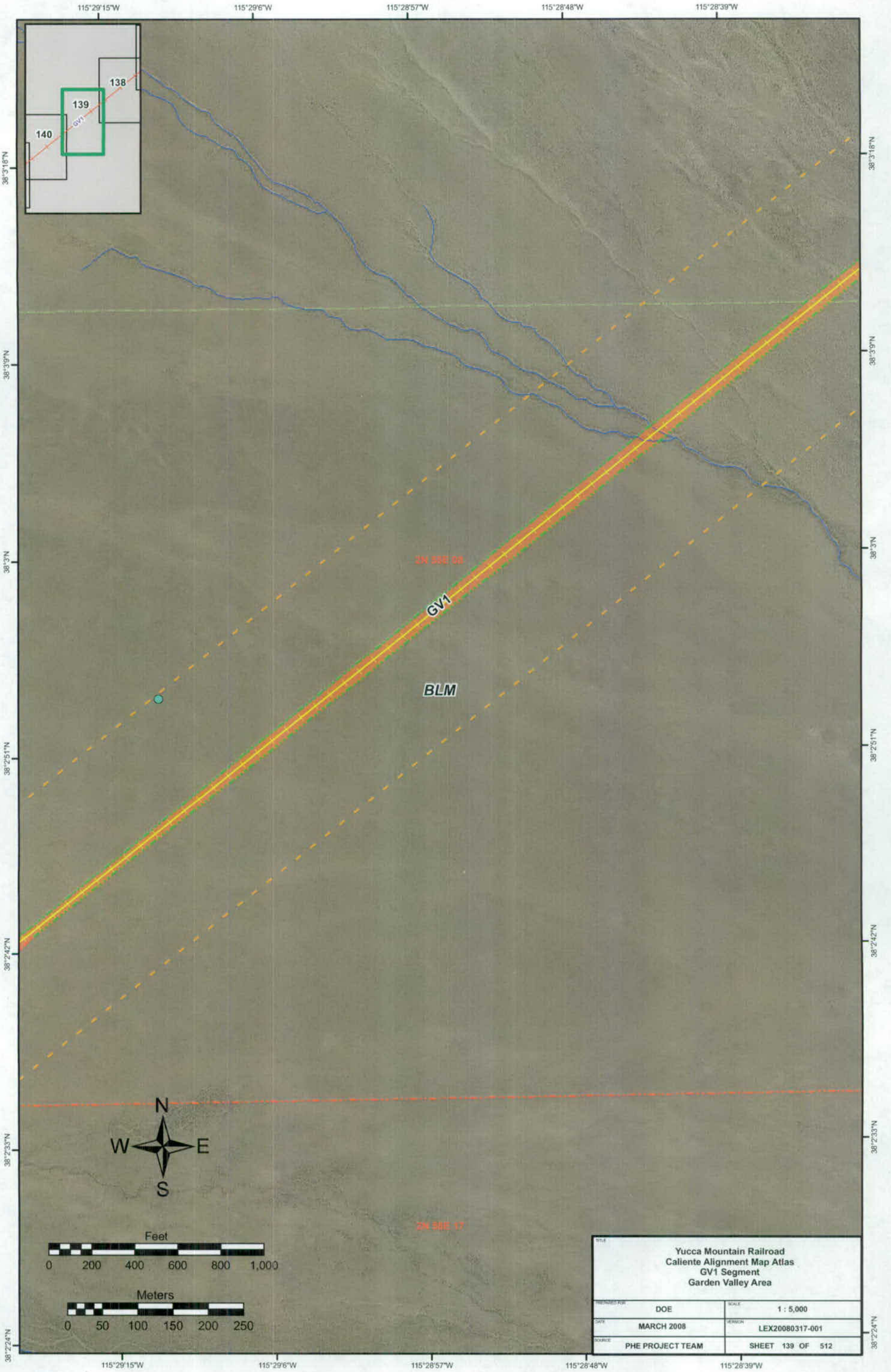
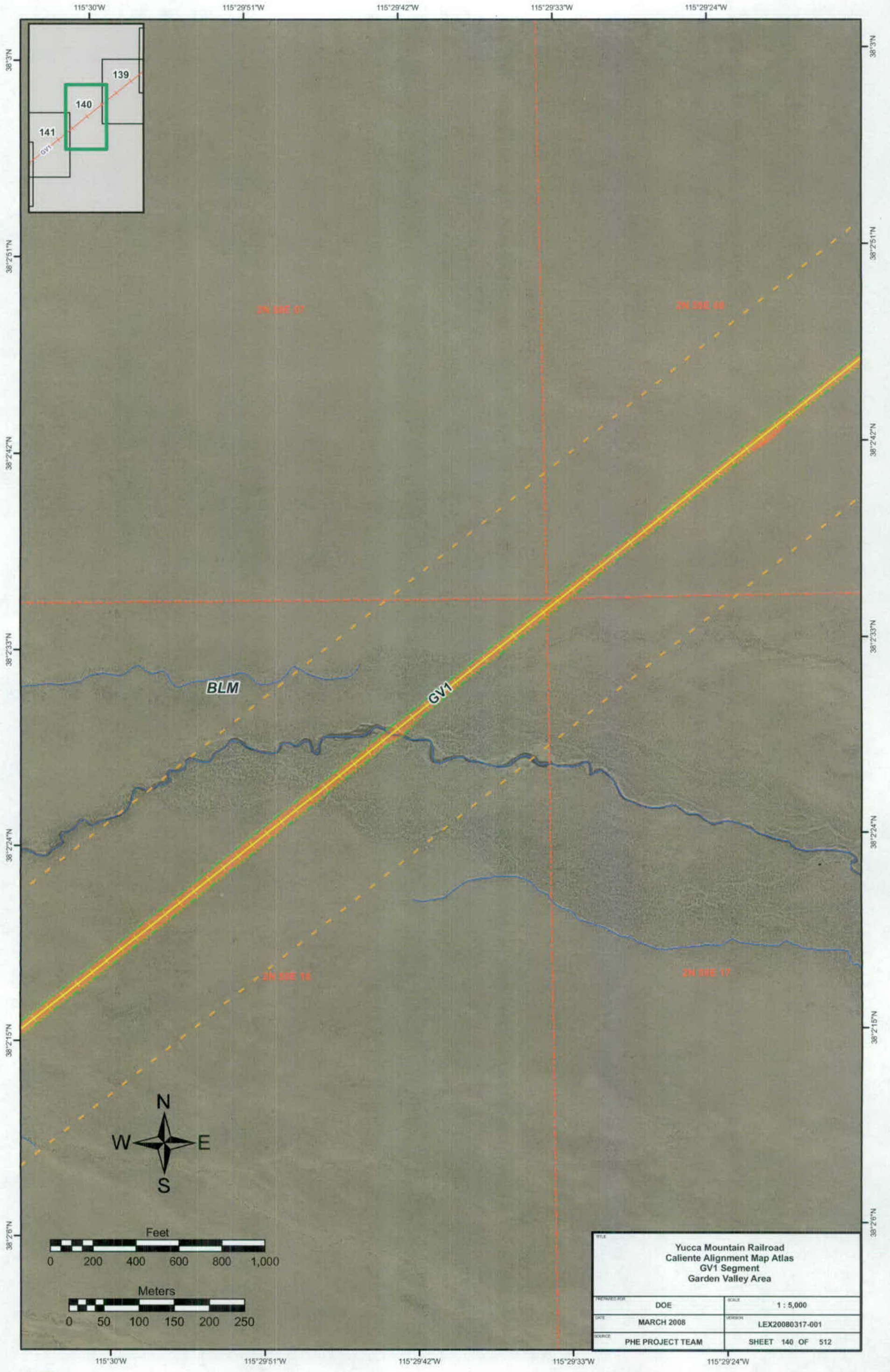
Yucca Mountain Railroad
Caliente Alignment Map Atlas
GV1 Segment
Garden Valley Area

PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 138 OF 512

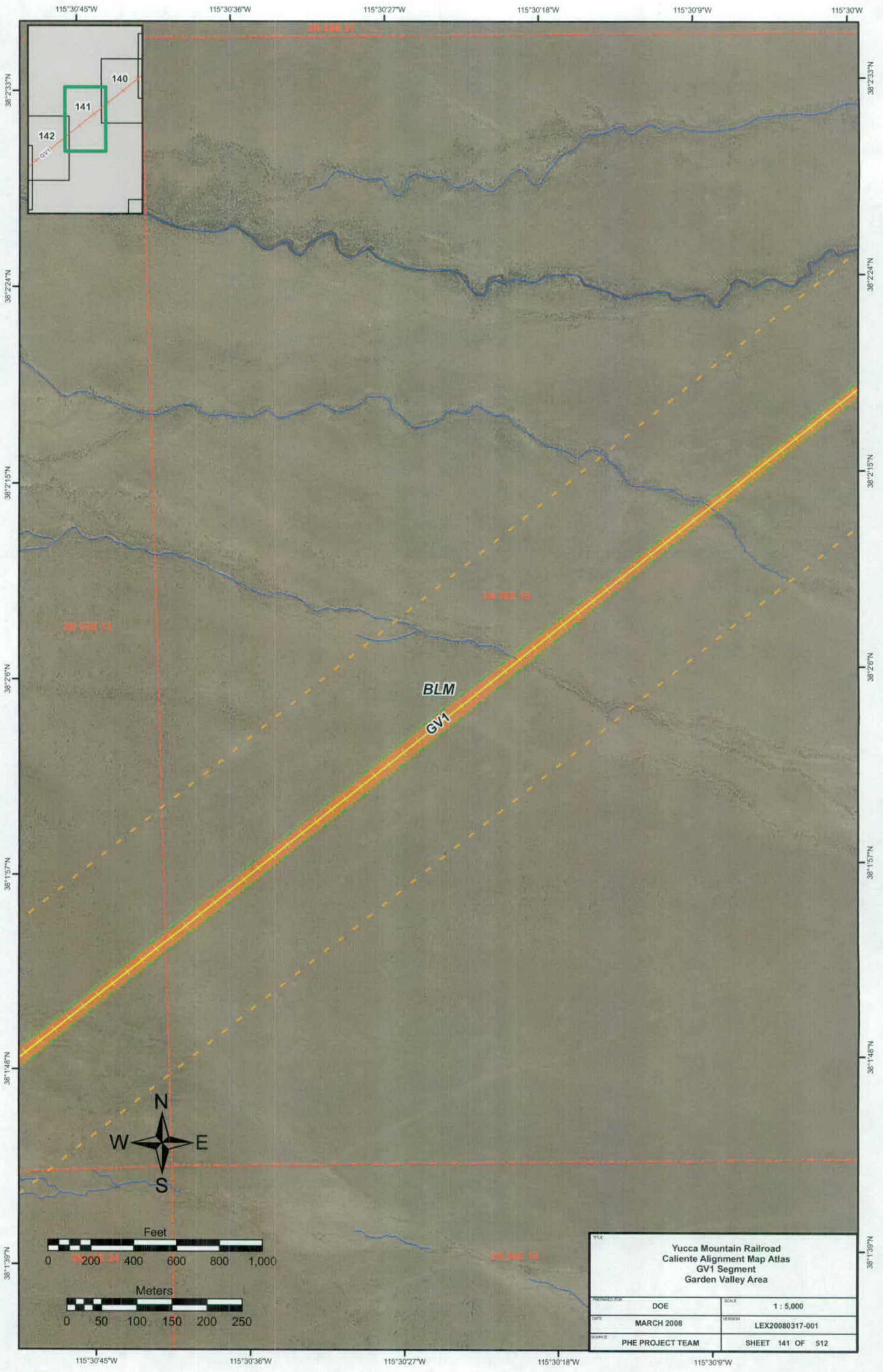


TITLE	Yucca Mountain Railroad Caliente Alignment Map Atlas GV1 Segment Garden Valley Area
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 139 OF 512



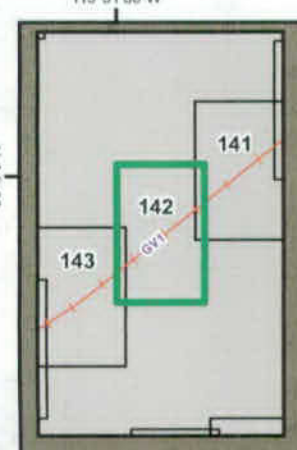
Yucca Mountain Railroad
Caliente Alignment Map Atlas
GV1 Segment
Garden Valley Area

PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 140 OF 512


115°30'45"W
115°30'36"W
115°30'27"W
115°30'18"W
115°30'9"W
115°30'W
38°2'33"N
38°2'24"N
38°2'15"N
38°2'6"N
38°1'57"N
38°1'48"N
38°1'39"N
2N 58E 07
140
141
142
GV1
2N 57E 13
2N 58E 18
2N 58E 19
BLM
GV1
N
W
E
S
Feet
0
200
400
600
800
1,000
Meters
0
50
100
150
200
250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
GV1 Segment
Garden Valley Area
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 141 OF 512

115°31'30"W 115°31'21"W 115°31'12"W 115°31'3"W 115°30'54"W 115°30'45"W

38°2'6"N 38°1'57"N 38°1'48"N 38°1'39"N 38°1'30"N 38°1'21"N 38°1'12"N



2N 57E 13

BLM

GV1

GARDEN VALLEY ROAD

2N 57E 24

N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas GV1 Segment Garden Valley Area	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
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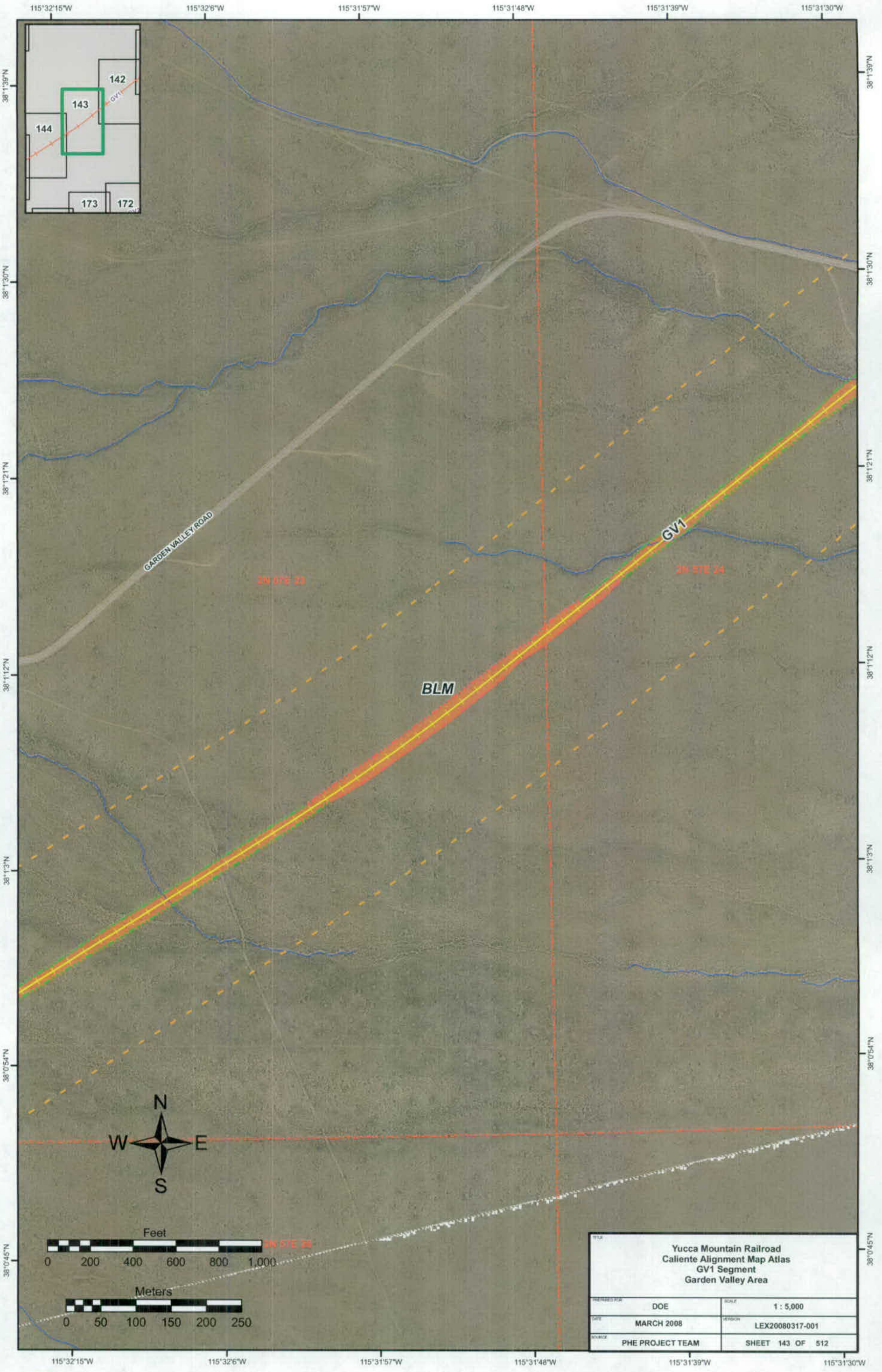
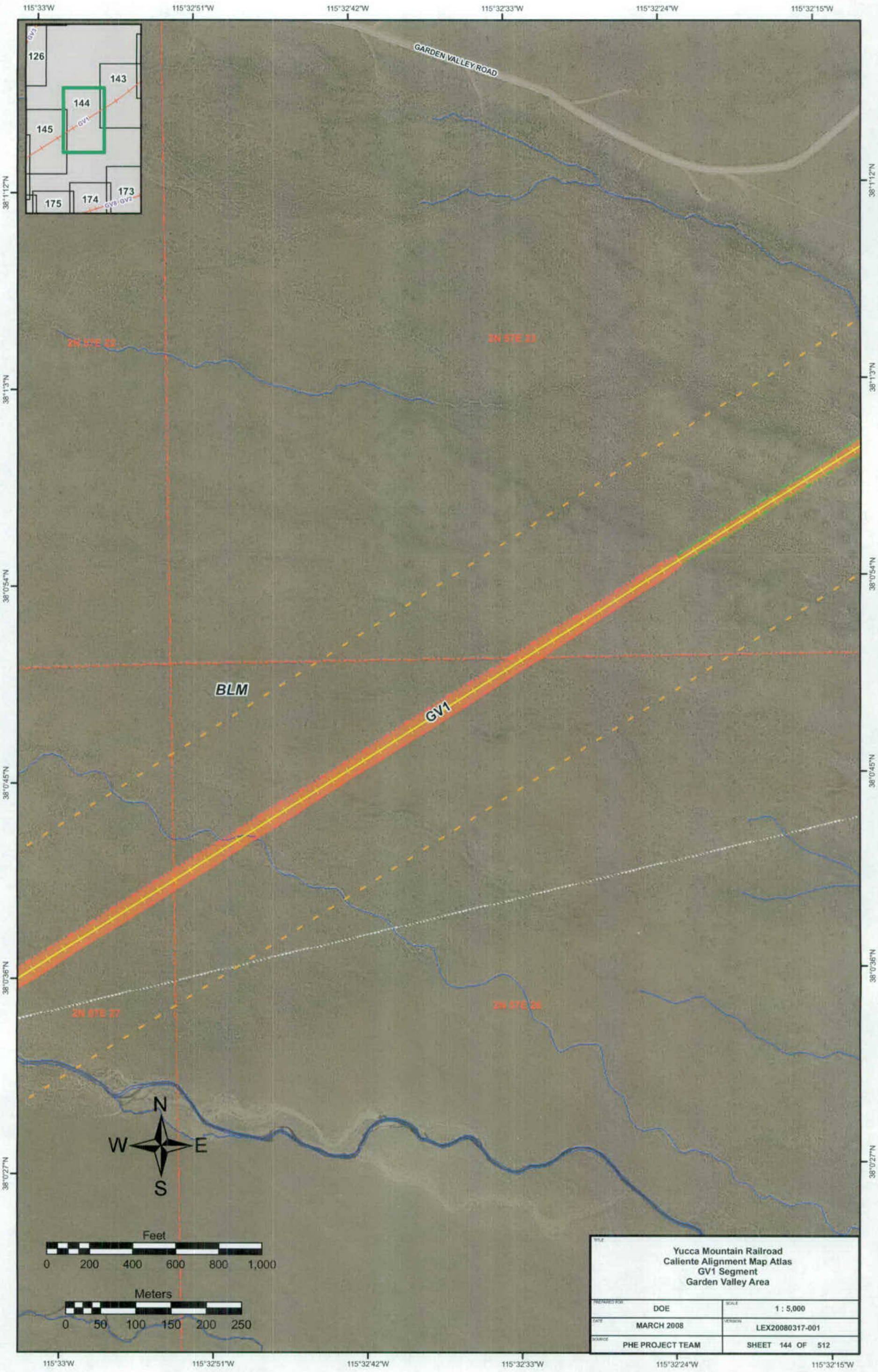
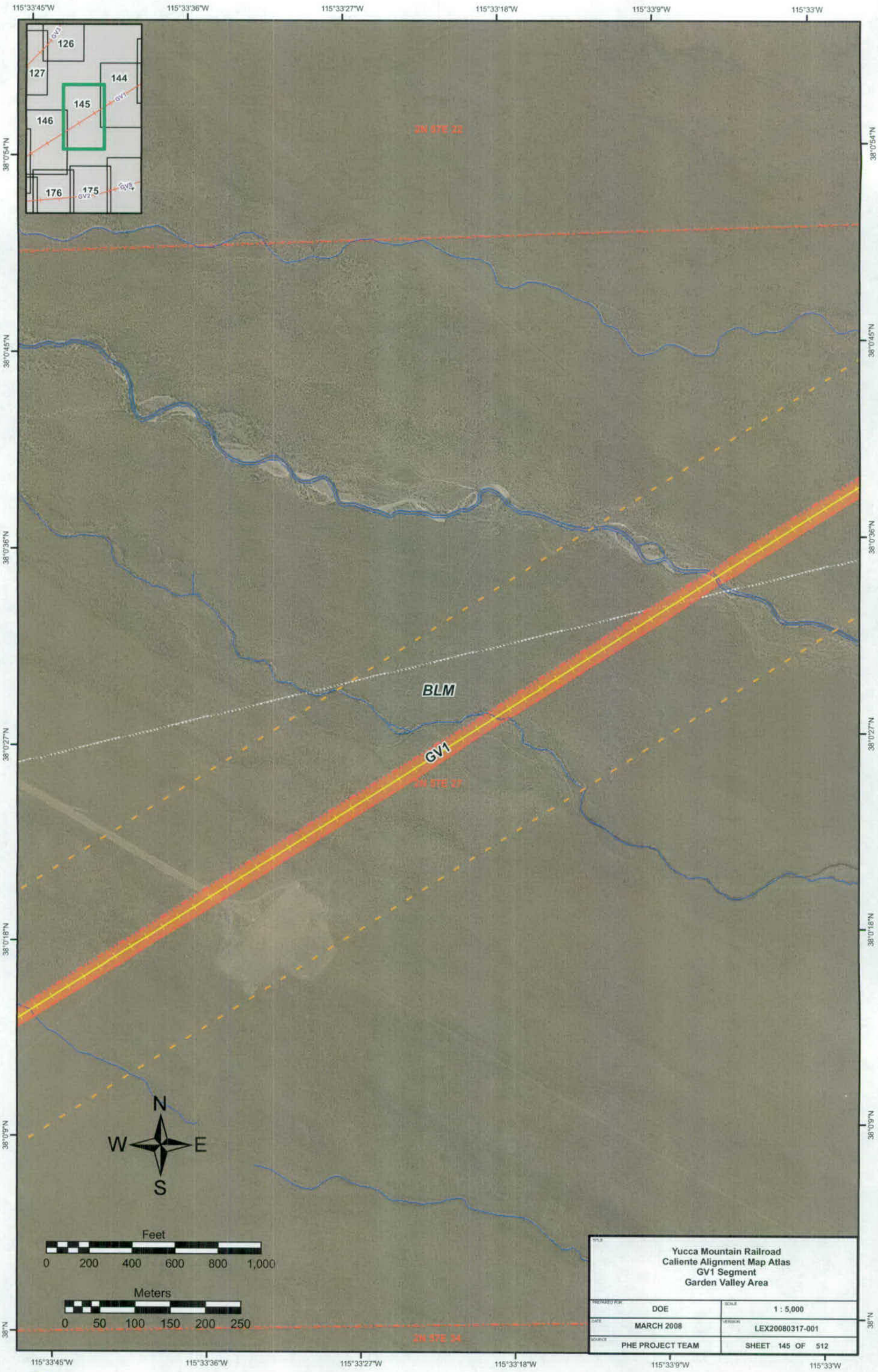

115°32'15"W
115°32'6"W
115°31'57"W
115°31'48"W
115°31'39"W
115°31'30"W
38°1'39"N
38°1'30"N
38°1'21"N
38°1'12"N
38°1'3"N
38°0'54"N
38°0'45"N
142
143
144
173
172
GV1
GARDEN VALLEY ROAD
3N 57E 23
3N 57E 24
3N 57E 26
BLM
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
GV1 Segment
Garden Valley Area
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 143 OF 512


115°33'W
115°32'51"W
115°32'42"W
115°32'33"W
115°32'24"W
115°32'15"W
38°1'12"N
38°1'3"N
38°0'54"N
38°0'45"N
38°0'36"N
38°0'27"N
GARDEN VALLEY ROAD
126
143
144
145
175
174
173
GV1
GV2
GV3
2N 57E 22
2N 57E 23
2N 57E 27
2N 57E 26
BLM
GV1
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
GV1 Segment
Garden Valley Area
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 144 OF 512


115°33'45"W
115°33'36"W
115°33'27"W
115°33'18"W
115°33'9"W
115°33'W
38°0'54"N
38°0'45"N
38°0'36"N
38°0'27"N
38°0'18"N
38°0'9"N
38°N
126
127
144
145
146
176
175
GV3
GV1
GV2
GV8
3N 97E 22
BLM
GV1
2N 97E 27
2N 97E 34
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
GV1 Segment
Garden Valley Area
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 145 OF 512

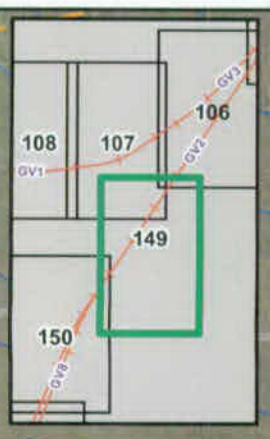
115°34'30"W
115°34'21"W
115°34'12"W
115°34'3"W
115°33'54"W
115°33'45"W
38°0'36"N
38°0'27"N
38°0'18"N
38°0'9"N
38°N
37°59'51"N
37°59'42"N
127
128
145
146
147
177
GV3
GV1
GV2
GV8
2N 57E 28
2N 57E 27
2N 57E 33
2N 57E 34
BLM
GV1
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
GV1 Segment
Garden Valley Area
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 146 OF 512

115°35'6"W
115°34'57"W
115°34'48"W
115°34'39"W
115°34'30"W
38°0'18"N
38°0'9"N
38°N
37°59'51"N
37°59'42"N
37°59'33"N
37°59'24"N
127
128
146
129
147
148
177
178
GV3
GV2
GV8
2N 57E 29
2N 57E 28
Water Line
BLM
GV1
2N 57E 32
2N 57E 33
Construction Camp 4b
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
115°35'15"W
Yucca Mountain Railroad
Caliente Alignment Map Atlas
GV1 Segment
Garden Valley Area
DOE
1 : 5,000
MARCH 2008
LEX20080317-001
PHE PROJECT TEAM
SHEET 147 OF 512

115°35'51"W
115°35'42"W
115°35'33"W
115°35'24"W
115°35'15"W
38°N
37°59'51"N
37°59'42"N
37°59'33"N
37°59'24"N
37°59'15"N
37°59'6"N
2N 57E 29
128
129
147
148
177
178
179
GV3
GV1
GV8
GV2
FREIBURG ROAD
CHERRY CREEK WEST ROAD
2N 57E 32
BLM
Construction Camp 4b
Construction Camp 4c
JOE BARNEY ROAD
GV1
GV2
GV8
1N 57E 05
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
GV1 Segment
Garden Valley Area
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 148 OF 512

115°20'6"W 115°19'57"W 115°19'48"W 115°19'39"W 115°19'30"W

38°5'42"N 38°5'33"N 38°5'24"N 38°5'15"N 38°5'6"N 38°4'57"N 38°4'48"N



EAST COAL VALLEY ROAD

RIM ROCK CANYON ROAD

GV8

GV2

BLM

3N 39E 34

3N 39E 35

3N 39E 26

N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas GV2/GV8 Segments Garden Valley Area	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 149 OF 512

115°20'51"W
115°20'42"W
115°20'33"W
115°20'24"W
115°20'15"W
38°5'15"N
38°5'6"N
38°4'57"N
38°4'48"N
38°4'39"N
38°4'30"N
38°4'21"N
108
107
149
150
151
GV2
GV8
3N 59E 28
3N 59E 27
3N 59E 33
3N 59E 34
BLM
EAST COAL VALLEY ROAD
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
GV2/GV8 Segments
Garden Valley Area
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 150 OF 512

115°21'9"W
115°21'W
115°20'51"W
115°20'42"W
115°20'33"W
115°20'24"W
38°4'21"N
38°4'12"N
38°4'3"N
38°3'54"N
38°3'45"N
38°3'36"N
38°3'27"N
3N 59E 31
3N 59E 34
2N 59E 04
2N 59E 03
2N 59E 09
150
151
152
GV2
GV8
EAST COAL VALLEY ROAD
BLM
PRIVATE LAND
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
GV2/GV8 Segments
Garden Valley Area
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 151 OF 512

115°21'54"W
115°21'45"W
115°21'36"W
115°21'27"W
115°21'18"W
115°21'9"W
38°3'45"N
38°3'36"N
38°3'27"N
38°3'18"N
38°3'9"N
38°3'N
38°2'51"N
151
152
153
GV2
GV8
2N 50E 05
2N 50E 04
2N 50E 08
EAST COAL VALLEY ROAD
BLM
GV2
GV8
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
GV2/GV8 Segments
Garden Valley Area
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 152 OF 512

115°22'12"W
115°22'3"W
115°21'54"W
115°21'45"W
115°21'36"W
115°21'27"W
38°2'42"N
38°2'33"N
38°2'24"N
38°2'15"N
38°2'6"N
38°1'57"N
38°1'48"N
152
154
153
GV2
GV8
2N 59E 08
2N 59E 05
EAST COAL VALLEY ROAD
TIMBER MOUNTAIN PASS ROAD
BLM
2N 59E 17
2N 59E 16
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
GV2/GV8 Segments
Garden Valley Area
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 153 OF 512

115°22'57"W 115°22'48"W 115°22'39"W 115°22'30"W 115°22'21"W 115°22'12"W

38°2'33"N 38°2'24"N 38°2'15"N 38°2'6"N 38°1'57"N 38°1'48"N 38°1'39"N

152 154 153 155

GV2 GV8

2N 59E 09

TIMBER MOUNTAIN PASS ROAD

GARDEN VALLEY ROAD

2N 59E 13

2N 59E 14

BLM

GV2

GV8

Potential Siding Location

N W E S

Feet
0 200 400 600 800 1,000

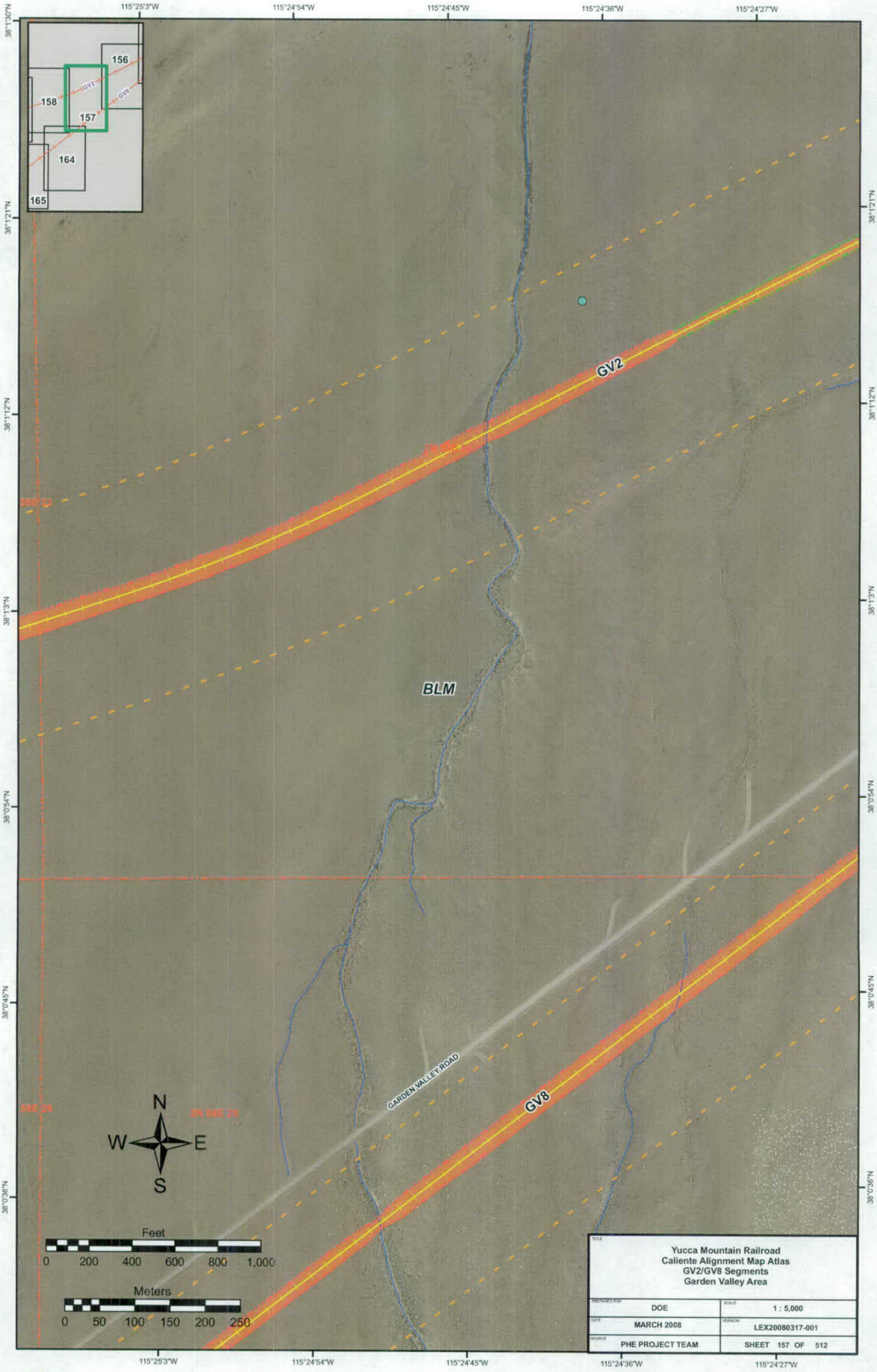
Meters
0 50 100 150 200 250

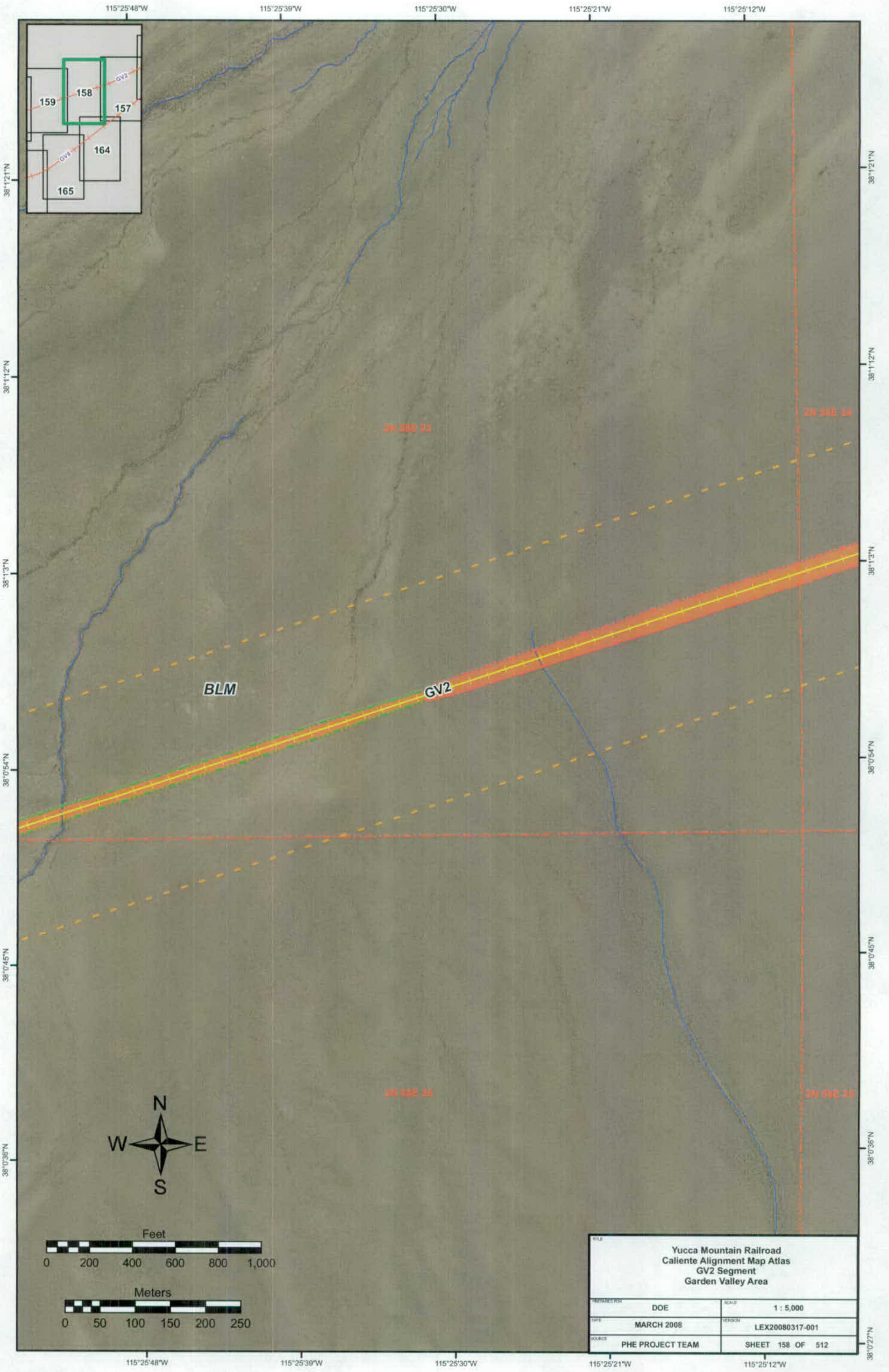
2N 59E 19 2N 59E 20

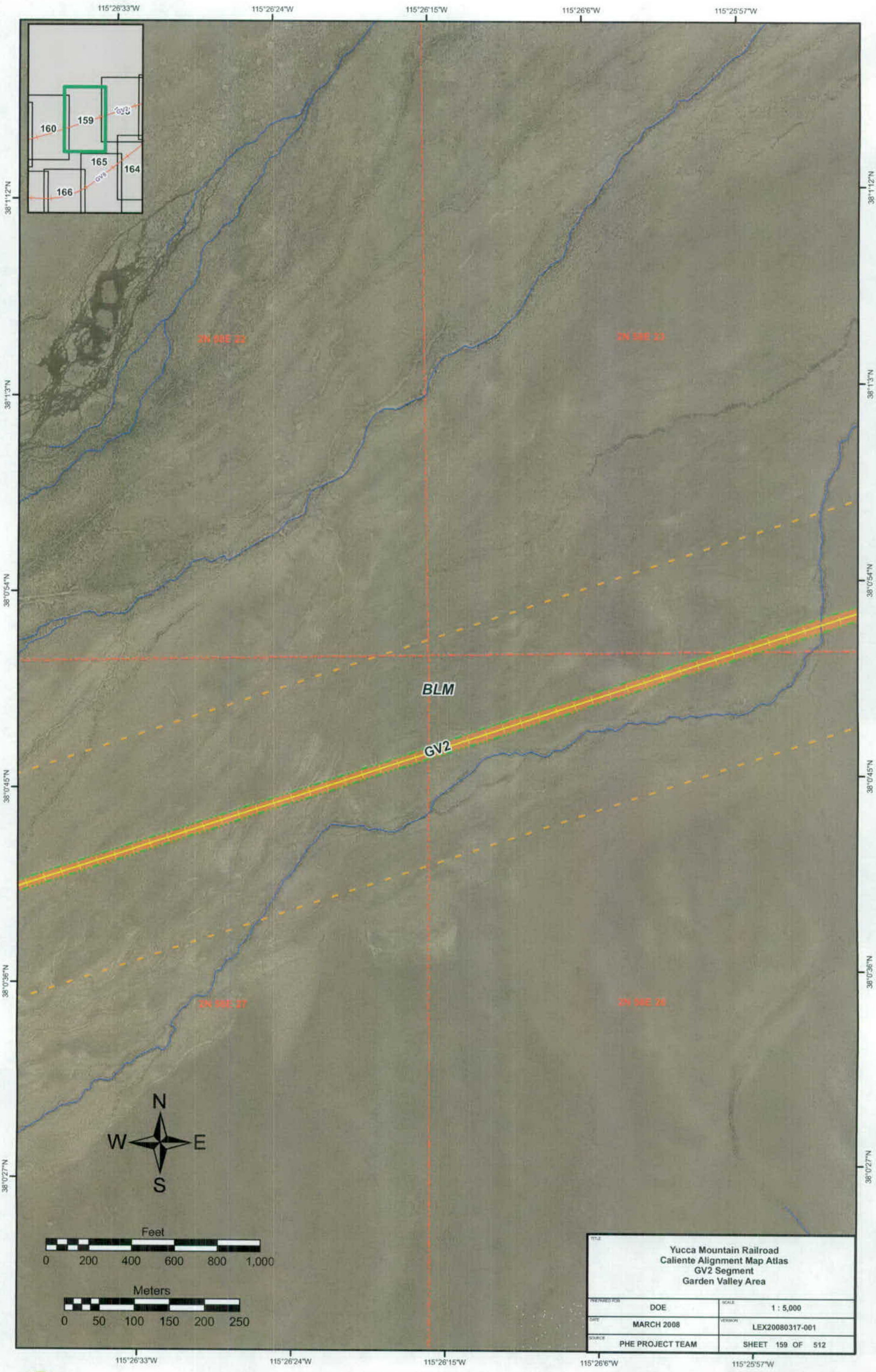
TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas GV2/GV8 Segments Garden Valley Area	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 154 OF 512

115°23'42"W
115°23'33"W
115°23'24"W
115°23'15"W
115°23'6"W
115°22'57"W
38°2'6"N
38°1'57"N
38°1'48"N
38°1'39"N
38°1'30"N
38°1'21"N
38°1'12"N
154
155
156
GV2
GV8
2N 59E 18
2N 59E
BLM
GARDEN VALLEY ROAD
Potential Siding Location
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
GV2/GV8 Segments
Garden Valley Area
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 155 OF 512

115°24'18"W
115°24'9"W
115°24'W
115°23'51"W
115°23'42"W
38°1'48"N
38°1'39"N
38°1'30"N
38°1'21"N
38°1'12"N
38°1'3"N
38°0'54"N
155
156
157
164
GV2
GV8
2N 59E 13
2N 59E 18
2N 59E 24
2N 59E 19
BLM
GARDEN VALLEY ROAD
Potential Siding Location
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
115°24'27"W
Yucca Mountain Railroad
Caliente Alignment Map Atlas
GV2/GV8 Segments
Garden Valley Area
PREPARED FOR
DOE
SCALE
1 : 5,000
DATE
MARCH 2008
VERSION
LEX20080317-001
SOURCE
PHE PROJECT TEAM
SHEET 156 OF 512


115°25'3"W
115°24'54"W
115°24'45"W
115°24'36"W
115°24'27"W
38°1'30"N
38°1'21"N
38°1'12"N
38°1'3"N
38°0'54"N
38°0'45"N
38°0'36"N
156
158
157
164
165
GV2
GV8
BLM
GARDEN VALLEY ROAD
58E 26
3N 58E 25
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
TITLE
Yucca Mountain Railroad
Caliente Alignment Map Atlas
GV2/GV8 Segments
Garden Valley Area
PREPARED FOR
DOE
SCALE
1 : 5,000
DATE
MARCH 2008
VERSION
LEX20080317-001
SOURCE
PHE PROJECT TEAM
SHEET 157 OF 512

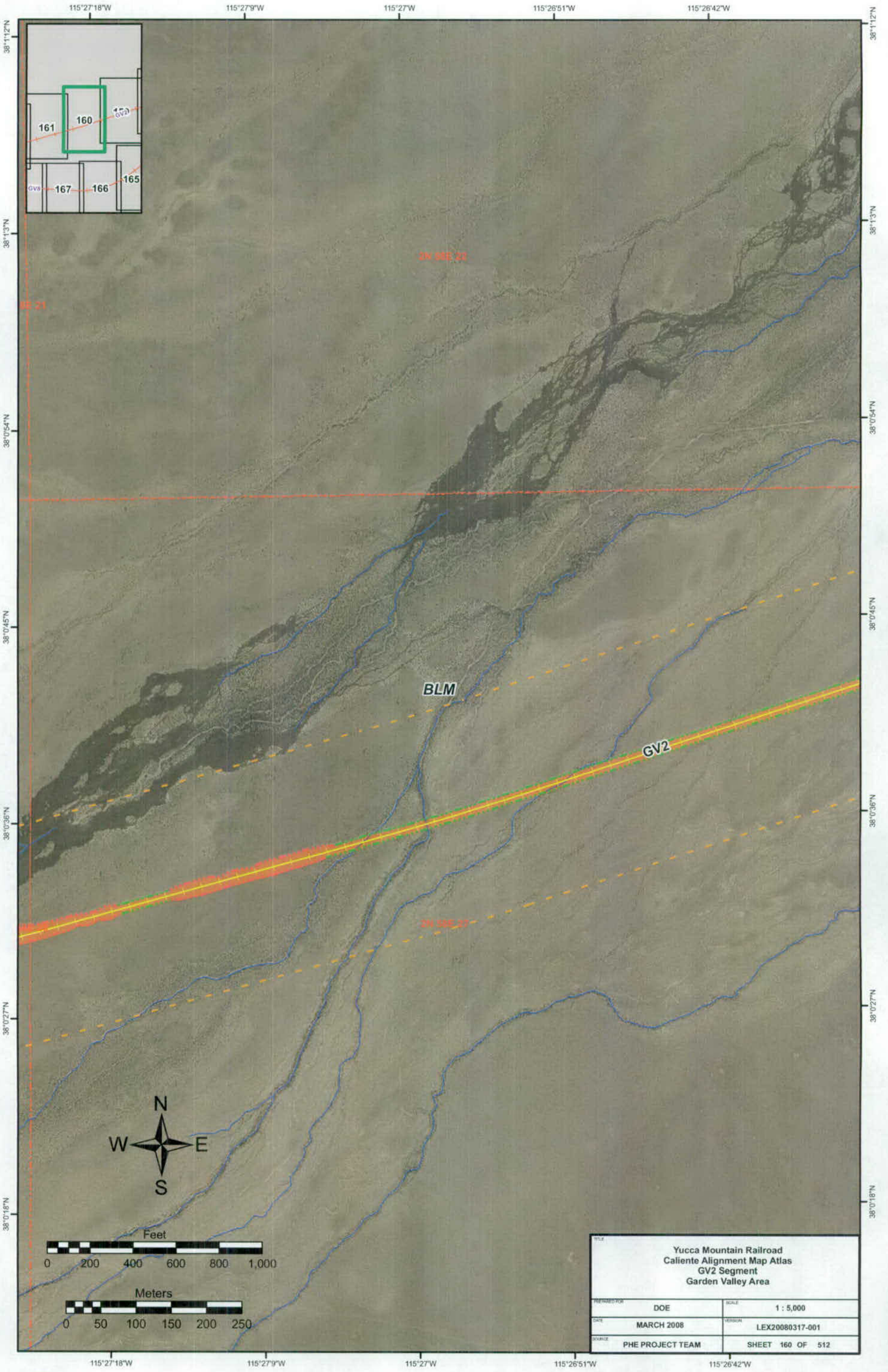

115°25'48"W
115°25'39"W
115°25'30"W
115°25'21"W
115°25'12"W
38°1'21"N
38°1'12"N
38°1'3"N
38°0'54"N
38°0'45"N
38°0'36"N
38°0'27"N
159
158
157
164
165
GV2
GV3
3N 58E 23
2N 58E 24
2N 58E 26
2N 58E 25
BLM
GV2
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
TITLE
Yucca Mountain Railroad
Caliente Alignment Map Atlas
GV2 Segment
Garden Valley Area
PREPARED FOR
DOE
SCALE
1 : 5,000
DATE
MARCH 2008
VERSION
LEX20080317-001
SOURCE
PHE PROJECT TEAM
SHEET 158 OF 512

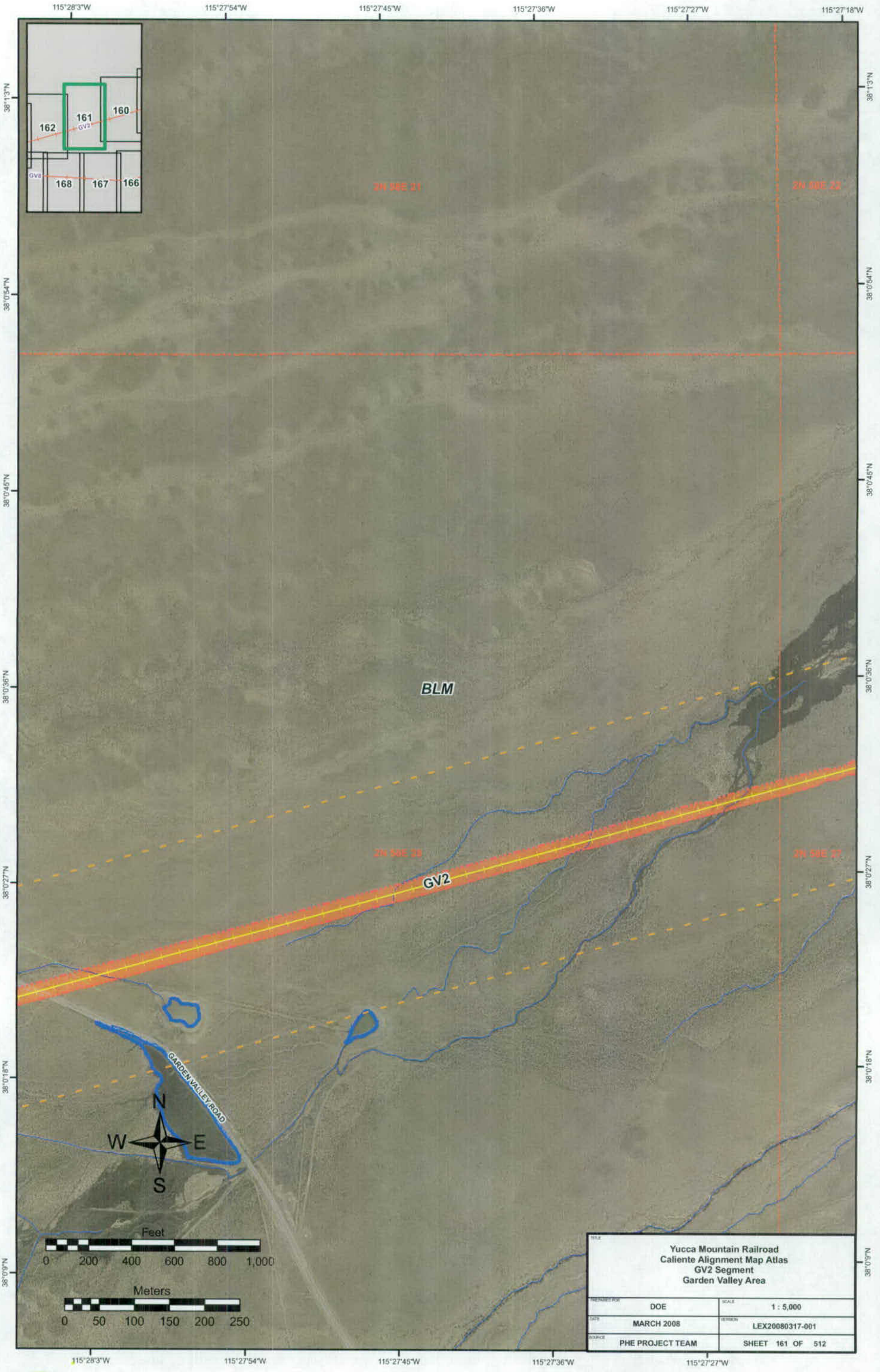


TITLE

Yucca Mountain Railroad
Caliente Alignment Map Atlas
GV2 Segment
Garden Valley Area

PREPARED FOR	SCALE
DOE	1 : 5,000
DATE	VERSION
MARCH 2008	LEX20080317-001
SOURCE	SHEET 159 OF 512
PHE PROJECT TEAM	


115°27'18"W
115°27'9"W
115°27'W
115°26'51"W
115°26'42"W
38°1'12"N
38°1'3"N
38°0'54"N
38°0'45"N
38°0'36"N
38°0'27"N
38°0'18"N
161
160
GV2
167
166
165
GV8
2N 68E 21
8E 21
BLM
GV2
2N 68E 22
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
GV2 Segment
Garden Valley Area
PREPARED FOR DOE
SCALE 1 : 5,000
DATE MARCH 2008
VERSION LEX20080317-001
SOURCE PHE PROJECT TEAM
SHEET 160 OF 512


115°28'3"W
115°27'54"W
115°27'45"W
115°27'36"W
115°27'27"W
115°27'18"W
38°1'3"N
38°0'54"N
38°0'45"N
38°0'36"N
38°0'27"N
38°0'18"N
38°0'9"N
162
161
160
GV2
GV1
168
167
166
2N 58E 21
2N 58E 22
BLM
2N 58E 28
2N 58E 27
GV2
GARDEN VALLEY ROAD
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
GV2 Segment
Garden Valley Area
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
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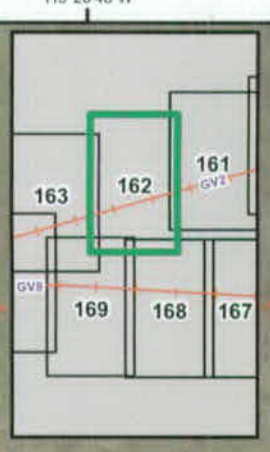
SOURCE: PHE PROJECT TEAM
SHEET 161 OF 512

115°28'48"W 115°28'39"W 115°28'30"W 115°28'21"W 115°28'12"W 115°28'3"W

38°0'54"N 38°0'45"N 38°0'36"N 38°0'27"N 38°0'18"N 38°0'9"N 38°N



2N 38E 20

2N 34E 21

GARDEN VALLEY ROAD

BLM

2N 33E 29

2N 33E 28

GV2

N
W E
S

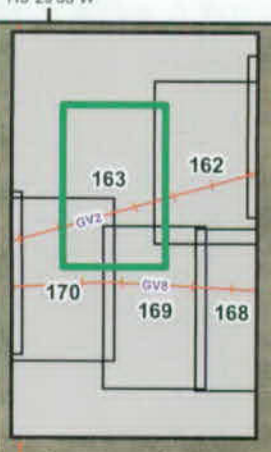
Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas GV2 Segment Garden Valley Area	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 162 OF 512

115°29'33"W 115°29'24"W 115°29'15"W 115°29'6"W 115°28'57"W 115°28'48"W

38°0'45"N 38°0'36"N 38°0'27"N 38°0'18"N 38°0'9"N 38°N 37°59'51"N



GARDEN VALLEY ROAD

2N 39E 29

39E 30

BLM

GV2

2N 38E 32

38E 31

N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

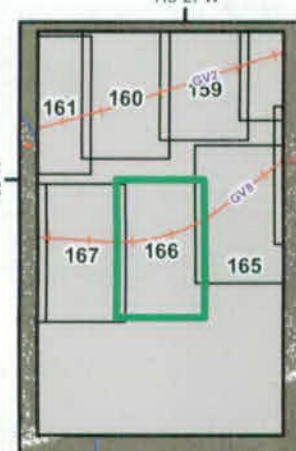
TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas GV2 Segment Garden Valley Area	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 163 OF 512

115°25'30"W
115°25'21"W
115°25'12"W
115°25'3"W
115°24'54"W
38°0'27"N
38°0'18"N
38°0'9"N
38°N
37°59'51"N
37°59'42"N
37°59'33"N
159
158
157
165
164
GV2
GV8
GARDEN VALLEY ROAD
GV8
2N 58E 26
2N 58E 25
BLM
2N 58E 35
2N 58E 36
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
GV8 Segment
Garden Valley Area
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 164 OF 512

115°26'15"W
115°26'6"W
115°25'57"W
115°25'48"W
115°25'39"W
38°0'9"N
38°N
37°59'51"N
37°59'42"N
37°59'33"N
37°59'24"N
160
159
158
164
166
165
GV2
GV8
2N 58E 26
GV8
GARDEN VALLEY ROAD
BLM
2N 58E 35
2N 58E 34
Put Back Spring
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
GV8 Segment
Garden Valley Area
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 165 OF 512

115°27'W
115°26'51"W
115°26'42"W
115°26'33"W
115°26'24"W

38°N
37°59'51"N
37°59'42"N
37°59'33"N
37°59'24"N
37°59'15"N
37°59'6"N



2N 58E 27

GARDEN VALLEY ROAD

GV8

2N 58E 34

BLM

1N 58E 03

N
W
E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas GV8 Segment Garden Valley Area	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 166 OF 512

115°27'45"W 115°27'36"W 115°27'27"W 115°27'18"W 115°27'9"W 115°27'W

38°N

37°59'51"N

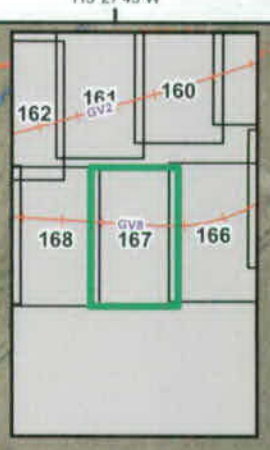
37°59'42"N

37°59'33"N

37°59'24"N

37°59'15"N

37°59'6"N



2N 58E 27

GARDEN VALLEY ROAD

GV8

2N 58E 33

2N 58E 34

BLM

N

W E

S

Feet

0 200 400 600 800 1,000

1N 58E 04

Meters

0 50 100 150 200 250

115°27'45"W 115°27'36"W 115°27'27"W 115°27'18"W 115°27'9"W

Yucca Mountain Railroad
Caliente Alignment Map Atlas
GV8 Segment
Garden Valley Area

PREPARED FOR	SCALE
DOE	1 : 5,000
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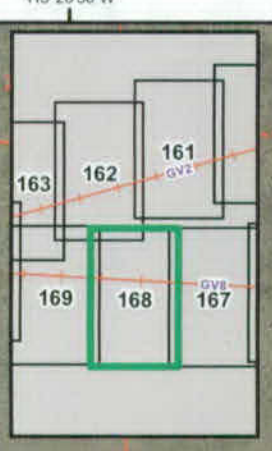
PHE PROJECT TEAM	

115°28'30"W 115°28'21"W 115°28'12"W 115°28'3"W 115°27'54"W 115°27'45"W

38°N
37°59'51"N
37°59'42"N
37°59'33"N
37°59'24"N
37°59'15"N
37°59'6"N



2N 58E 28

GV8

2N 58E 33

2N 58E 32

BLM

1N 58E 05

1N 58E 04

N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas GV8 Segment Garden Valley Area	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 168 OF 512

115°29'15"W 115°29'6"W 115°28'57"W 115°28'48"W 115°28'39"W 115°28'30"W

38°N

37°59'51"N

37°59'42"N

37°59'33"N

37°59'24"N

37°59'15"N

37°59'6"N

2N 58E 28

2N 58E 29

163 162 169 168 170

GV2 GV8

GV8

2N 58E 32

BLM

1N 58E 05

N W E S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas GV8 Segment Garden Valley Area	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 169 OF 512

115°29'51"W 115°29'42"W 115°29'33"W 115°29'24"W 115°29'15"W

38°0'9"N

38°N

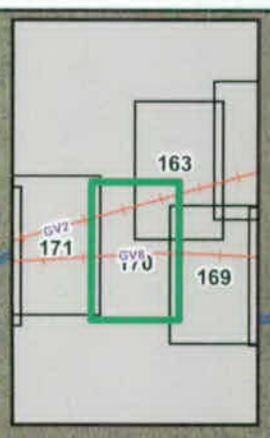
37°59'51"N

37°59'42"N

37°59'33"N

37°59'24"N

37°59'15"N



2N 58E 30

2N 58E 29

GV2

BLM

GV8

2N 58E 31

2N 58E 32

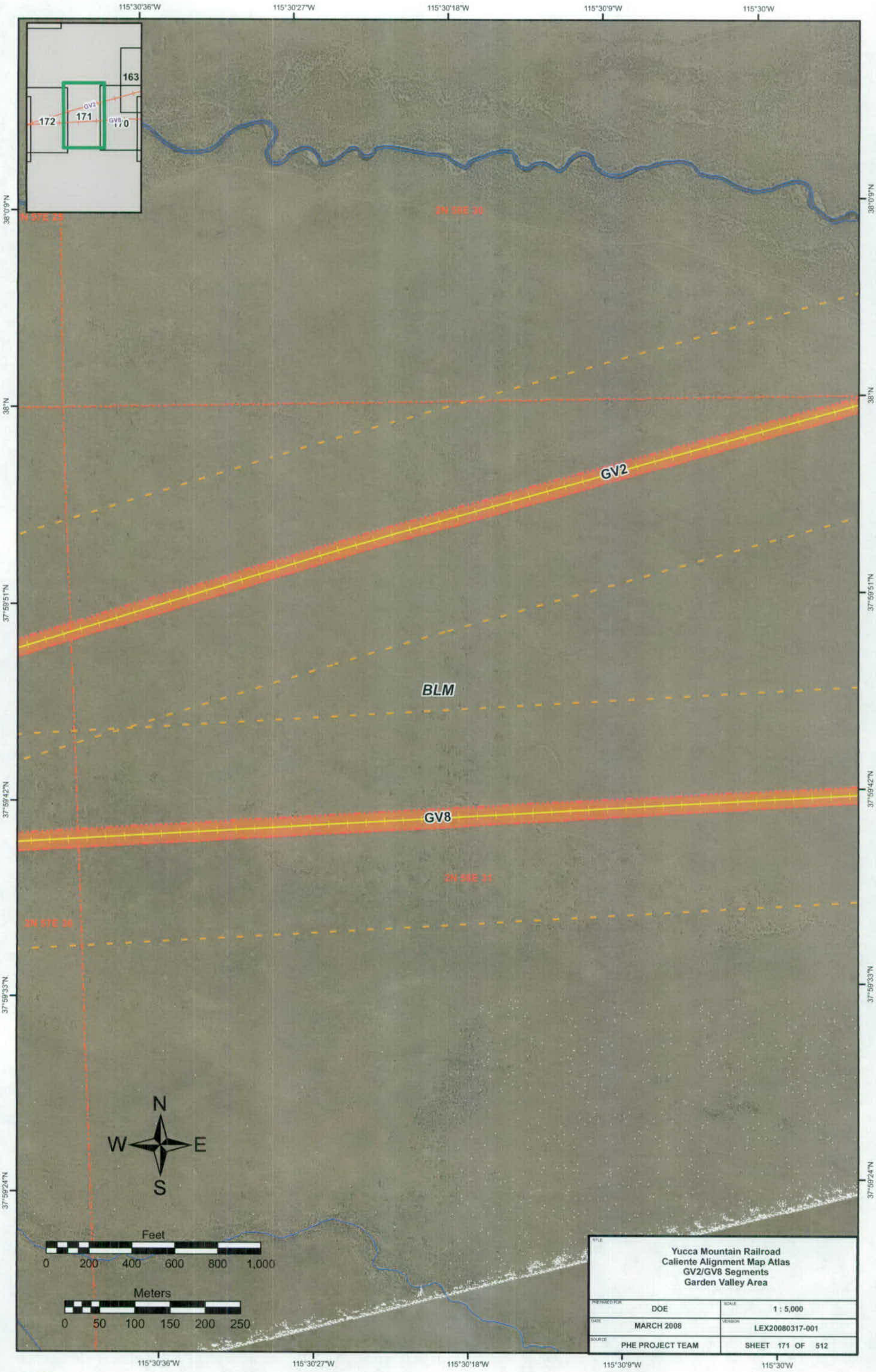
N
W
E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

115°30'W 115°29'51"W 115°29'42"W 115°29'33"W 115°29'24"W 115°29'15"W

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas GV2/GV8 Segments Garden Valley Area	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 170 OF 512


115°30'36"W
115°30'27"W
115°30'18"W
115°30'9"W
115°30'W
38°0'9"N
38°N
37°59'51"N
37°59'42"N
37°59'33"N
37°59'24"N
163
172
171
170
GV2
GV8
N 57E 25
2N 58E 30
2N 57E 36
2N 58E 31
BLM
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
TITLE
Yucca Mountain Railroad
Caliente Alignment Map Atlas
GV2/GV8 Segments
Garden Valley Area
PREPARED FOR: DOE
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SHEET 171 OF 512

115°31'21"W 115°31'12"W 115°31'3"W 115°30'54"W 115°30'45"W

38°0'9"N

38°N

37°59'51"N

37°59'42"N

37°59'33"N

37°59'24"N

37°59'15"N

143

173

172

171

GV2

GV8

2N 57E 25

2N 58E 30

BLM

2N 57E 36

2N 58E

N

W E

S

Feet

0 200 400 600 800 1,000

Meters

0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas GV2/GV8 Segments Garden Valley Area	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 172 OF 512

115°32'6"W 115°31'57"W 115°31'48"W 115°31'39"W 115°31'30"W

38°N 37°59'51"N 37°59'42"N 37°59'33"N 37°59'24"N 37°59'15"N 37°59'6"N

143 144 GV1 172 GV3 GV2 174

2N 57E 26 2N 57E 25

BLM

GV2 GV8

2N 57E 35 2N 57E 36

N W E S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas GV2/GV8 Segments Garden Valley Area	
PREPARED FOR: DOE	SCALE: 1 : 5,000
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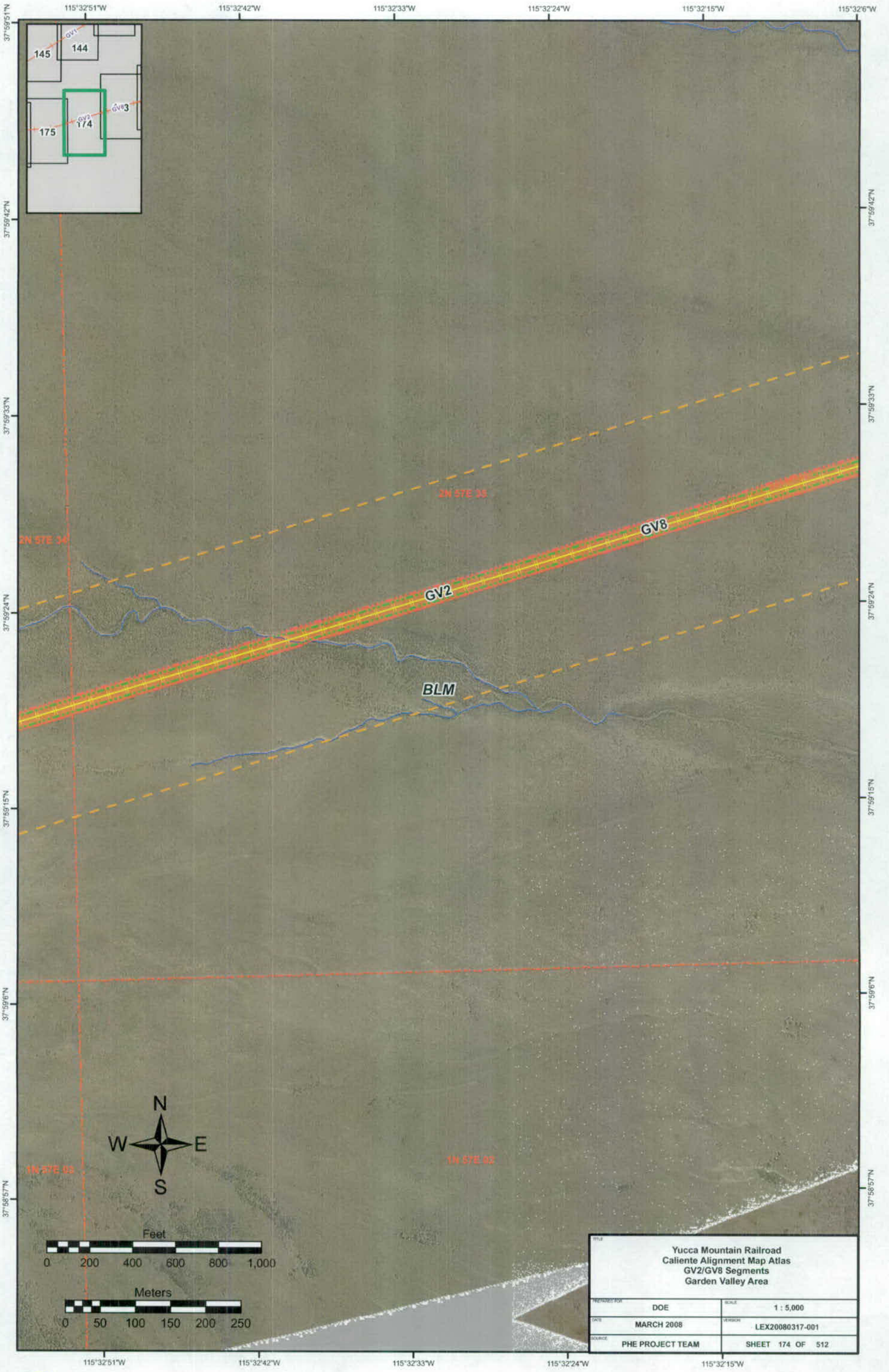
SOURCE: PHE PROJECT TEAM	SHEET 173 OF 512


115°32'51"W
115°32'42"W
115°32'33"W
115°32'24"W
115°32'15"W
115°32'6"W
37°59'51"N
37°59'42"N
37°59'33"N
37°59'24"N
37°59'15"N
37°59'6"N
37°58'57"N
145
144
175
174
GV1
GV2
GV3
GV8
2N 57E 34
2N 57E 35
1N 57E 03
1N 57E 02
BLM
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
GV2/GV8 Segments
Garden Valley Area
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
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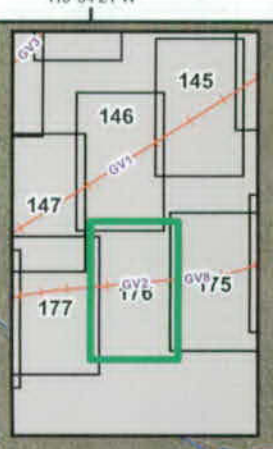
SOURCE: PHE PROJECT TEAM
SHEET 174 OF 512

115°33'36"W
115°33'27"W
115°33'18"W
115°33'9"W
115°33'W
115°32'51"W
37°59'42"N
37°59'33"N
37°59'24"N
37°59'15"N
37°59'6"N
37°58'57"N
37°58'48"N
144
145
146
174
175
176
GV1
GV2
GV8
2N 57E
2N 57E 24
1N 57E
1N 57E 03
BLM
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
GV2/GV8 Segments
Garden Valley Area
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 175 OF 512

115°34'21"W 115°34'12"W 115°34'3"W 115°33'54"W 115°33'45"W 115°33'36"W

37°59'33"N
37°59'24"N
37°59'15"N
37°59'6"N
37°58'57"N
37°58'48"N



2N 57E 33

2N 57E 34

GV8

GV2

BLM

1N 57E 04

1N 57E 03

N
W E
S

Feet
0 200 400 600 800 1,000

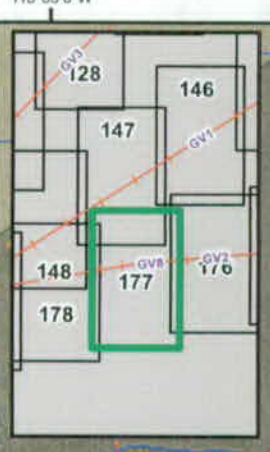
Meters
0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas GV2/GV8 Segments Garden Valley Area	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 176 OF 512

115°34'21"W 115°34'12"W 115°34'3"W 115°33'54"W 115°33'45"W 115°33'36"W

115°35'6"W 115°34'57"W 115°34'48"W 115°34'39"W 115°34'30"W 115°34'21"W

37°59'33"N 37°59'24"N 37°59'15"N 37°59'6"N 37°58'57"N 37°58'48"N 37°58'39"N



2N 57E 32

2N 57E 33

Construction Camp 4c

GV8 GV2

BLM

1N 57E 04

1N 57E 05

N
W E
S

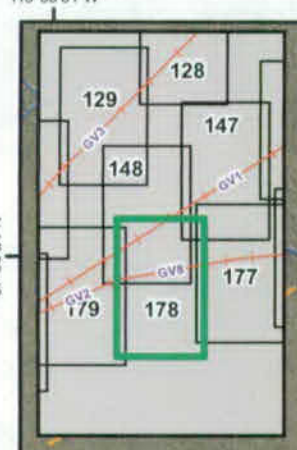
Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas GV2/GV8 Segments Garden Valley Area	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 177 OF 512

115°35'51"W 115°35'42"W 115°35'33"W 115°35'24"W 115°35'15"W 115°35'6"W

37°59'24"N 37°59'15"N 37°59'6"N 37°58'57"N 37°58'48"N 37°58'39"N 37°58'30"N



GV1

CHERRY CREEK WEST ROAD

2N 57E 32

2N 57E

Construction Camp 4c

JOE BARNEY ROAD

GV8

GV2

BLM

FREIBURG ROAD

1N 57E 05

N
W E
S

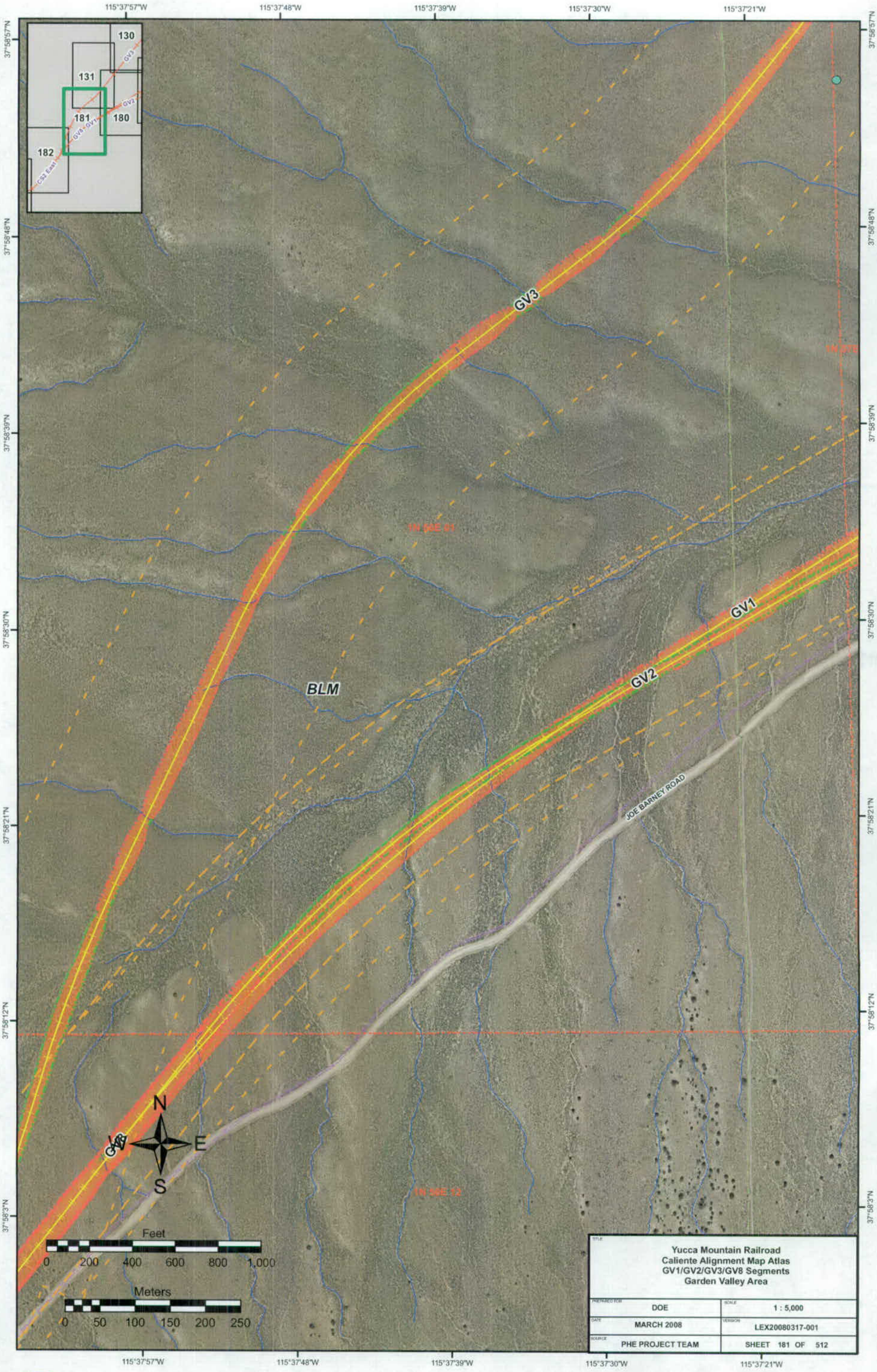
Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas GV1/GV2/GV8 Segments Garden Valley Area	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 178 OF 512

115°36'27"W
115°36'18"W
115°36'9"W
115°36'W
115°35'51"W
37°59'24"N
37°59'15"N
37°59'6"N
37°58'57"N
37°58'48"N
37°58'39"N
37°58'30"N
128
129
130
148
179
178
180
GV1
GV2
GV3
GV8
3N 57E 31
3N 57E 32
BLM
JOE BARNEY ROAD
1N 57E 06
1N 57E 05
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
115°36'36"W
Yucca Mountain Railroad
Caliente Alignment Map Atlas
GV1/GV2/GV8 Segments
Garden Valley Area
PREPARED FOR DOE
SCALE 1 : 5,000
DATE MARCH 2008
VERSION LEX20080317-001
SOURCE PHE PROJECT TEAM
SHEET 179 OF 512

115°37'12"W
115°37'3"W
115°36'54"W
115°36'45"W
115°36'36"W
37°59'6"N
37°58'57"N
37°58'48"N
37°58'39"N
37°58'30"N
37°58'21"N
129
130
131
179
180
181
GV1
GV2
GV3
GV8
2N 57E 31
1N 58E 01
1N 57E 06
BLM
JOE BARNEY ROAD
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
GV1/Gv2/Gv3/GV8 Segments
Garden Valley Area
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 180 OF 512


115°37'57"W
115°37'48"W
115°37'39"W
115°37'30"W
115°37'21"W
37°58'57"N
37°58'48"N
37°58'39"N
37°58'30"N
37°58'21"N
37°58'12"N
37°58'3"N
130
131
181
180
182
GV3
GV2
GV1
GV8
CS2 East
GV3
GV2
GV1
1N 50E 01
1N 50E 12
BLM
JOE BARNEY ROAD
N
E
S
W
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
GV1/GV2/GV3/GV8 Segments
Garden Valley Area
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 181 OF 512

115°38'42"W
115°38'33"W
115°38'24"W
115°38'15"W
115°38'6"W
37°58'21"N
37°58'12"N
37°58'3"N
37°57'54"N
37°57'45"N
37°57'36"N
37°57'27"N
131
181
182
183
GV3
GV8
CS2 East
1N 38E 02
1N 38E 01
1N 38E 11
1N 38E 12
BLM
JOE BARNEY ROAD
GV1
GV2
GV3
GV8
CS2
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS2 East Segment
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 182 OF 512

115°39'27"W 115°39'18"W 115°39'9"W 115°39'W 115°38'51"W

37°57'45"N 37°57'36"N 37°57'27"N 37°57'18"N 37°57'9"N 37°57'N

182 183 184 CS2 East GV-2 V1

1N 56E 10 1N 56E 11 1N 56E 15 1N 56E 14

BLM

CS2

JOE BARNEY ROAD

N W E S

Feet
0 200 400 600 800 1,000

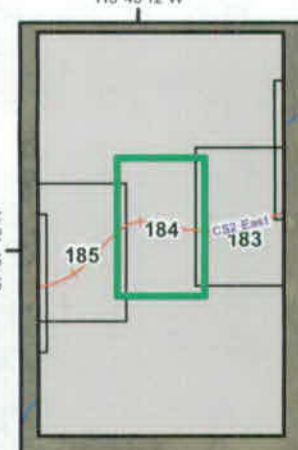
Meters
0 50 100 150 200 250

TITLE
Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS2 East Segment

PREPARED FOR	SCALE
DOE	1 : 5,000
DATE	VERSION
MARCH 2008	LEX20080317-001
SOURCE	SHEET 183 OF 512
PHE PROJECT TEAM	

115°40'12"W 115°40'3"W 115°39'54"W 115°39'45"W 115°39'36"W 115°39'27"W

37°57'45"N 37°57'36"N 37°57'27"N 37°57'18"N 37°57'9"N 37°57'N 37°56'51"N



1N 39E 10

CS2

BLM

1N 38E 15

JOE BARNEY ROAD

N
W E
S

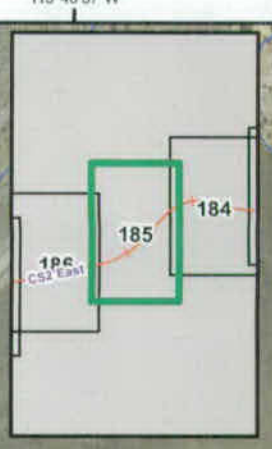
Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas CS2 East Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 184 OF 512

115°40'57"W 115°40'48"W 115°40'39"W 115°40'30"W 115°40'21"W 115°40'12"W

37°57'36"N 37°57'27"N 37°57'18"N 37°57'9"N 37°57'N 37°56'51"N 37°56'42"N



1N 56E 09

1N 56E 10

CS2

BLM

1N 56E 16

1N 56E 15

N
W E
S

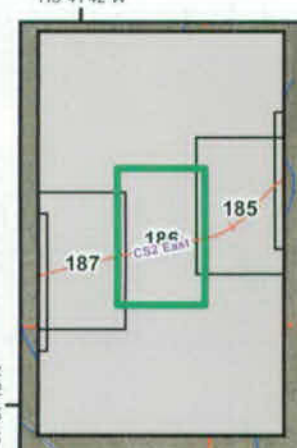
Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas CS2 East Segment	
PREPARED BY: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 185 OF 512

115°41'42"W 115°41'33"W 115°41'24"W 115°41'15"W 115°41'6"W 115°40'57"W

37°57'18"N 37°57'9"N 37°57'N 37°56'51"N 37°56'42"N 37°56'33"N



1N 56E 00

SHADOW ROAD

BLM

1N 56E 17

1N 56E 16

CS2

1N 56E 20

1N 56E 21

N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas CS2 East Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 186 OF 512

115°42'27"W
115°42'18"W
115°42'9"W
115°42'W
115°41'51"W
115°41'42"W
37°57'9"N
37°57'N
37°56'51"N
37°56'42"N
37°56'33"N
37°56'24"N
37°56'15"N

187
186
CS2 East

1N 56E 17

BLM

CS2

1N 56E 20

N
W
E
S

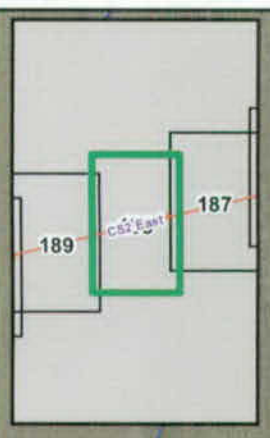
Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas CS2 East Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 187 OF 512

115°43'3"W
115°42'54"W
115°42'45"W
115°42'36"W
115°42'27"W

37°57'N
37°56'51"N
37°56'42"N
37°56'33"N
37°56'24"N
37°56'15"N
37°56'6"N



1N 56E 18
1N 56E 17
1N 56E 19
1N 56E 20

BLM

CS2

N
W
E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas CS2 East Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 188 OF 512

115°43'48"W
115°43'39"W
115°43'30"W
115°43'21"W
115°43'12"W
37°56'51"N
37°56'42"N
37°56'33"N
37°56'24"N
37°56'15"N
37°56'6"N
190
CS2 East
188
1N 55E 13
1N 56E 18
1N 55E 24
1N 56E 19
BLM
CS2
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
115°43'57"W
115°43'48"W
115°43'39"W
115°43'30"W
115°43'21"W
115°43'12"W
Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS2 East Segment
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
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SOURCE: PHE PROJECT TEAM
SHEET 189 OF 512

115°44'33"W 115°44'24"W 115°44'15"W 115°44'6"W 115°43'57"W

37°56'42"N 37°56'33"N 37°56'24"N 37°56'15"N 37°56'6"N 37°55'57"N 37°55'48"N

189
190
CS2 East

1N 53E 13

BLM

CS2

1N 53E 24

N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS2 East Segment

PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 190 OF 512

115°45'18"W
115°45'9"W
115°45'W
115°44'51"W
115°44'42"W
37°56'33"N
37°56'24"N
37°56'15"N
37°56'6"N
37°55'57"N
37°55'48"N
37°55'39"N
190
191
CS2 East
1N 53E 14
1N 53E 13
CS2
BLM
1N 53E 23
1N 53E 24
1N 53E 26
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS2 East Segment
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 191 OF 512

115°46'3"W
115°45'54"W
115°45'45"W
115°45'36"W
115°45'27"W
37°56'15"N
37°56'6"N
37°55'57"N
37°55'48"N
37°55'39"N
37°55'30"N
37°55'21"N
193
192
191
CS2 East
1N 55E 22
1M 55E 23
CS2
BLM
1N 55E 27
1N 55E 28
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS2 East Segment
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 192 OF 512

115°46'48"W 115°46'39"W 115°46'30"W 115°46'21"W 115°46'12"W

37°56'6"N
37°55'57"N
37°55'48"N
37°55'39"N
37°55'30"N
37°55'21"N
37°55'12"N

193
194
192
CS2 East

1N 55E 22
1N 55E 2
1N 55E 27
BLM
CS2

N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas CS2 East Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 193 OF 512

115°47'33"W 115°47'24"W 115°47'15"W 115°47'6"W 115°46'57"W 115°46'48"W

37°55'48"N 37°55'39"N 37°55'30"N 37°55'21"N 37°55'12"N 37°55'3"N

193
194
195
CS2 East

1N 55E 21 1N 55E 22

1N 56E 28 1N 55E 27

BLM

CS2

SMITH WELL ROAD

N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

115°47'33"W 115°47'24"W 115°47'15"W 115°47'6"W 115°46'57"W

Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS2 East Segment

PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 194 OF 512

115°48'18"W
115°48'9"W
115°48'W
115°47'51"W
115°47'42"W
115°47'33"W
37°55'39"N
37°55'30"N
37°55'21"N
37°55'12"N
37°55'3"N
37°54'54"N
37°54'45"N
194
195
196
CS2 East
1N 55E 21
SMITH WELL ROAD
BLM
CS2
1N 55E 28
1N 55E 29
1N 55E 32
1N 55E 33
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS2 East Segment
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 195 OF 512

115°49'3"W 115°48'54"W 115°48'45"W 115°48'36"W 115°48'27"W 115°48'18"W

37°55'21"N 37°55'12"N 37°55'3"N 37°54'54"N 37°54'45"N 37°54'36"N 37°54'27"N

195
196
197
CS2 East

1N 55E 29
1N 55E 32
1N 55

CS2

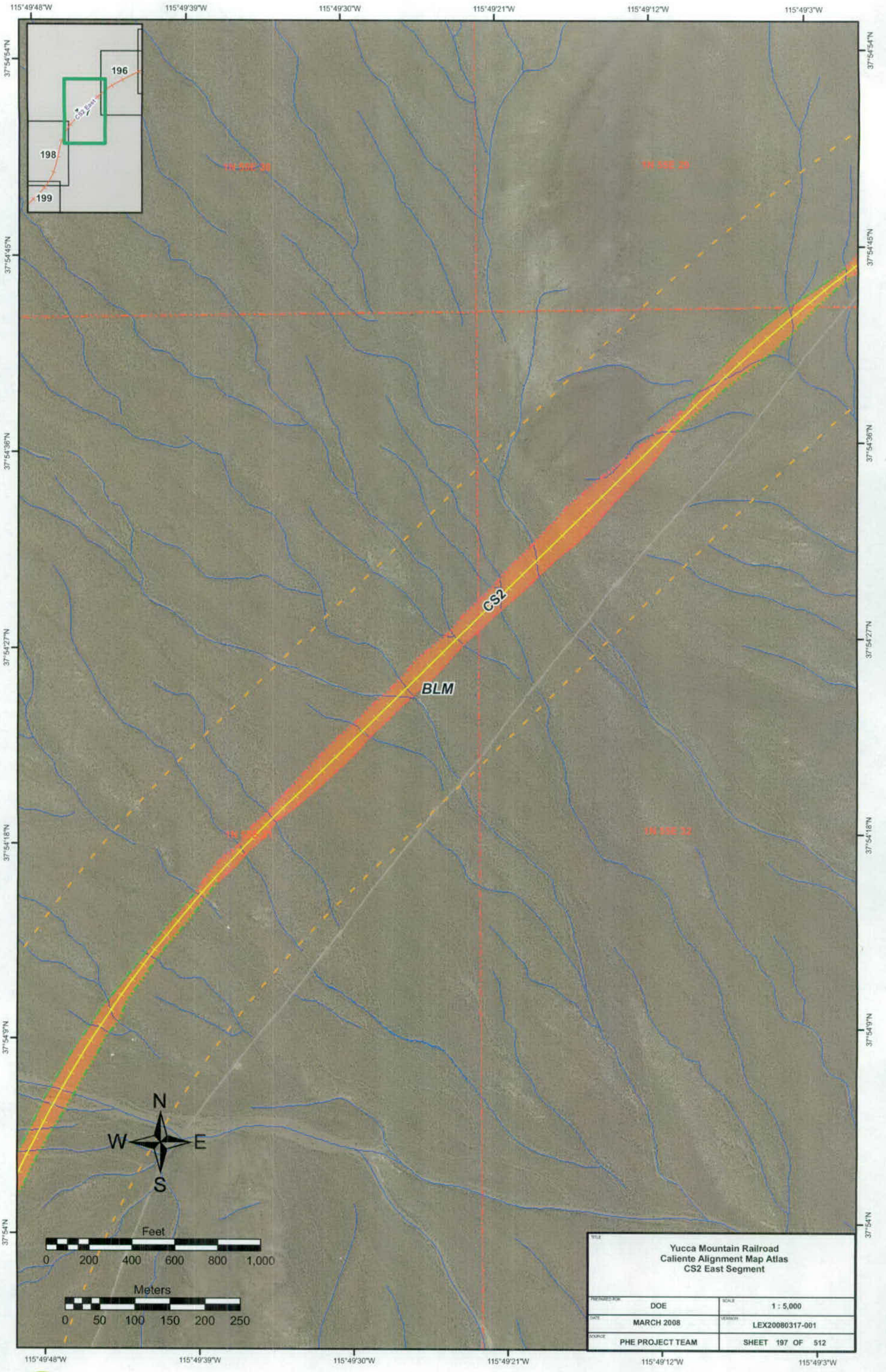
BLM

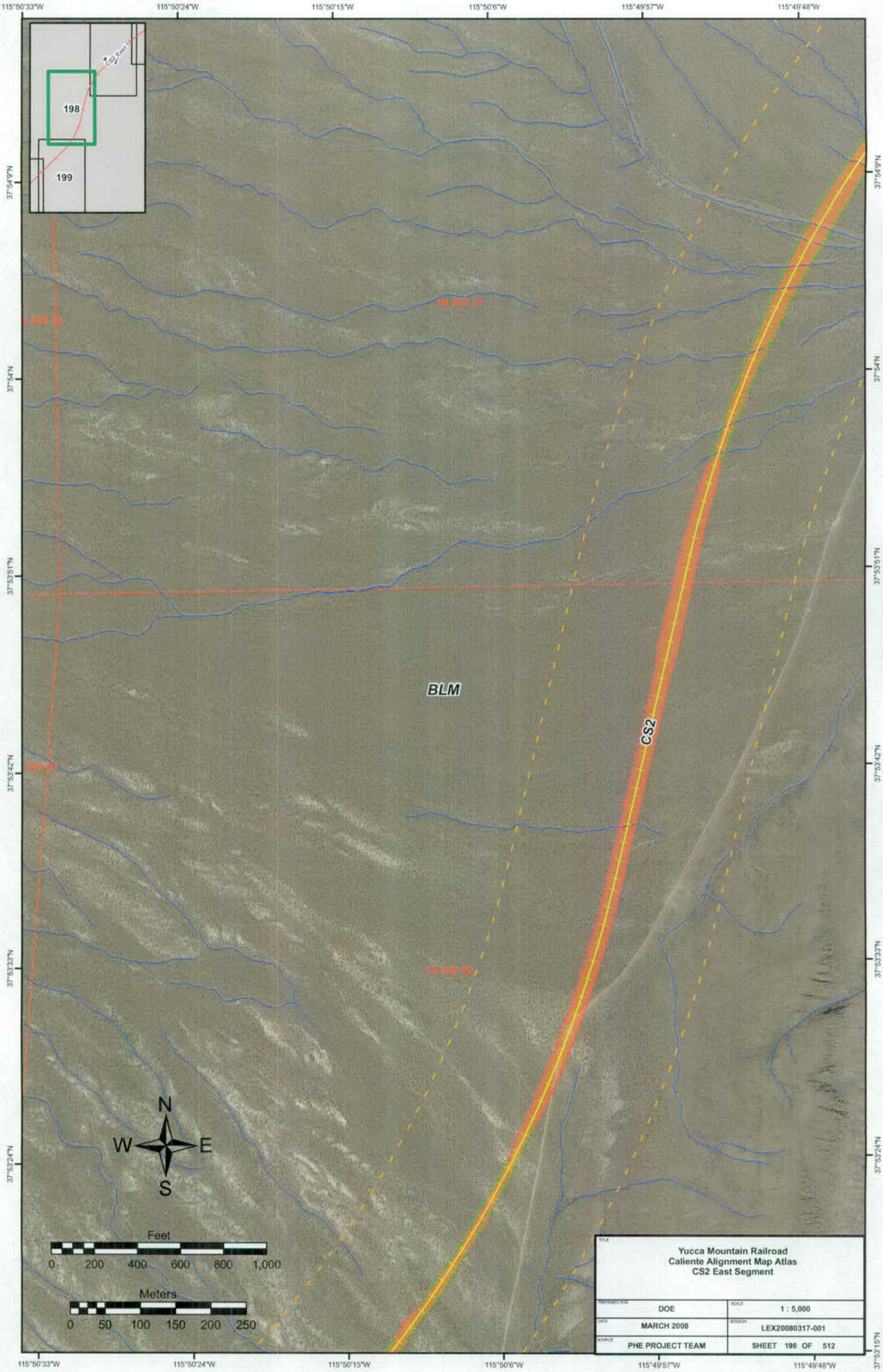
N
W E
S

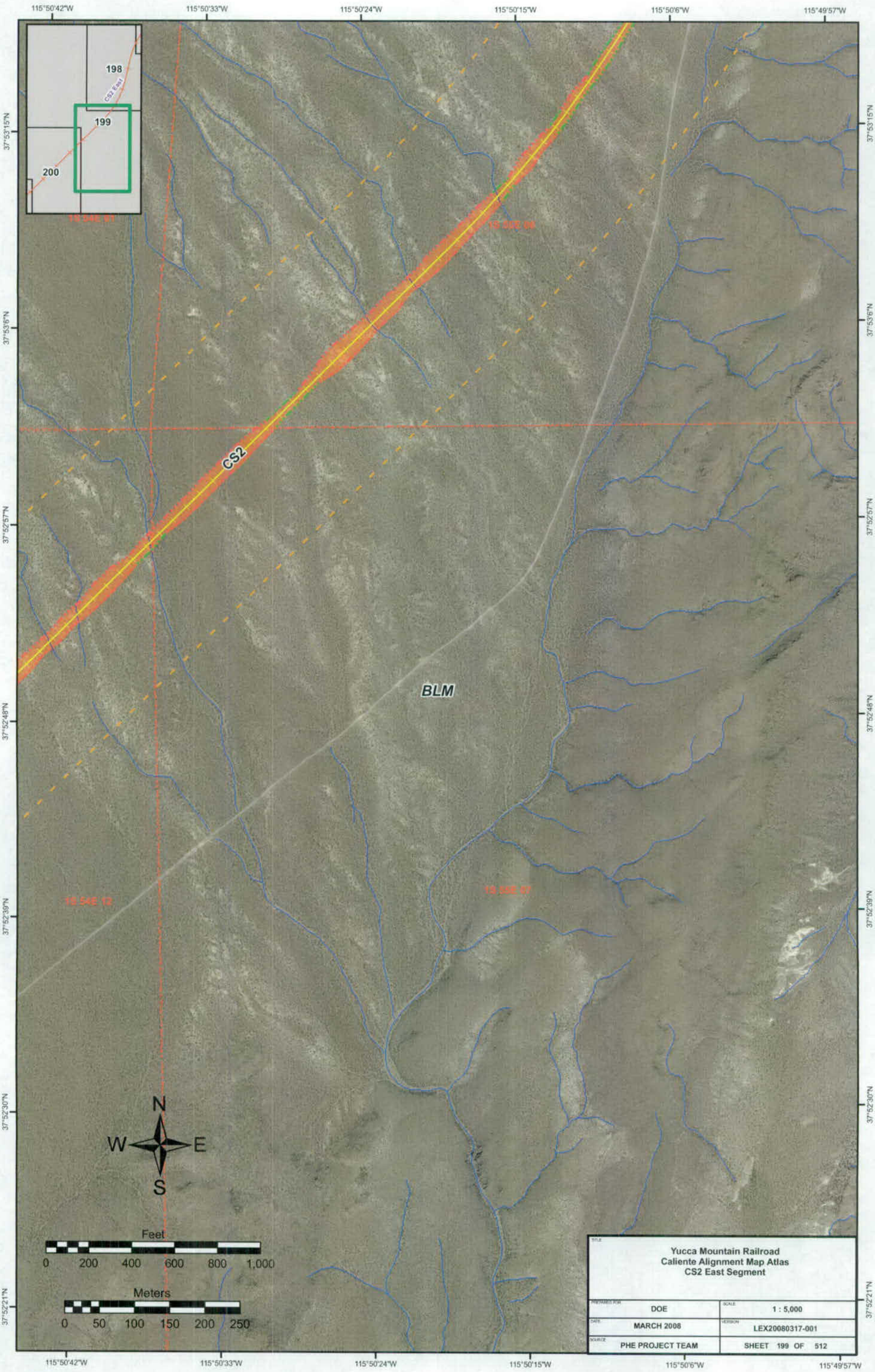
Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas CS2 East Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 196 OF 512


115°49'48"W
115°49'39"W
115°49'30"W
115°49'21"W
115°49'12"W
115°49'3"W
37°54'54"N
37°54'45"N
37°54'36"N
37°54'27"N
37°54'18"N
37°54'9"N
37°54'N
196
198
199
CS2 East
1N 5SE 30
1N 5SE 29
CS2
BLM
1N 5SE 32
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS2 East Segment
PREPARED FOR
DOE
SCALE
1 : 5,000
DATE
MARCH 2008
VERSION
LEX20080317-001
SOURCE
PHE PROJECT TEAM
SHEET 197 OF 512


115°50'33"W
115°50'24"W
115°50'15"W
115°50'6"W
115°49'57"W
115°49'48"W
37°54'9"N
37°54'N
37°53'51"N
37°53'42"N
37°53'33"N
37°53'24"N
37°53'15"N
198
199
CS2 East
1N 55E 31
BLM
CS2
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS2 East Segment
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 198 OF 512


115°50'42"W
115°50'33"W
115°50'24"W
115°50'15"W
115°50'6"W
115°49'57"W
37°53'15"N
37°53'6"N
37°52'57"N
37°52'48"N
37°52'39"N
37°52'30"N
37°52'21"N
198
199
200
CS2 East
CS2
BLM
19 54E 12
19 55E 07
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS2 East Segment
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 199 OF 512

115°51'27"W 115°51'18"W 115°51'9"W 115°51'W 115°50'51"W 115°50'42"W

37°52'57"N 37°52'48"N 37°52'39"N 37°52'30"N 37°52'21"N 37°52'12"N 37°52'3"N

198 199 20 201 CS2 East

15 54E 01

CS2

BLM

15 54E 12

15 54E 13

Potential Siding Location

N W E S

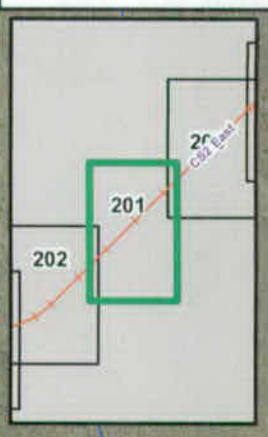
Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas CS2 East Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 200 OF 512

115°52'12"W 115°52'3"W 115°51'54"W 115°51'45"W 115°51'36"W 115°51'27"W

37°52'21"N 37°52'12"N 37°52'3"N 37°51'54"N 37°51'45"N 37°51'36"N



15 S4E 11

15 S4E 12

Potential Siding Location

CS2

BLM

15 S4E 14

15 S4E 13

N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas CS2 East Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 201 OF 512

115°52'48"W 115°52'39"W 115°52'30"W 115°52'21"W 115°52'12"W

37°51'54"N 37°51'45"N 37°51'36"N 37°51'27"N 37°51'18"N 37°51'9"N 37°51'N

201
202
203
CS2 East

CS2

Potential Siding Location

BLM

18 54E 15
18 54E 15
18 54E 22
18 54E 23

N
W E
S

Feet
0 200 400 600 800 1,000

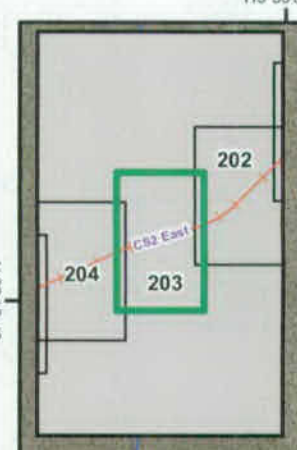
Meters
0 50 100 150 200 250

115°52'57"W 115°52'48"W 115°52'39"W 115°52'30"W 115°52'21"W 115°52'12"W

Yucca Mountain Railroad Caliente Alignment Map Atlas CS2 East Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 202 OF 512

115°53'33"W 115°53'24"W 115°53'15"W 115°53'6"W 115°52'57"W

37°51'36"N 37°51'27"N 37°51'18"N 37°51'9"N 37°51'N 37°50'51"N 37°50'42"N



15 S 4E 15

CS2

BLM

15 S 4E 22

N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS2 East Segment

PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 203 OF 512

115°54'18"W 115°54'9"W 115°54'W 115°53'51"W 115°53'42"W

37°51'27"N 37°51'18"N 37°51'9"N 37°51'N 37°50'51"N 37°50'42"N 37°50'33"N

15 54E 16

15 54E 15

BLM

CS2

15 54E 21

15 54E 22

N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas CS2 East Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 204 OF 512

115°55'3"W
115°54'54"W
115°54'45"W
115°54'36"W
115°54'27"W
37°51'9"N
37°51'N
37°50'51"N
37°50'42"N
37°50'33"N
37°50'24"N
37°50'15"N

205
204
206
CS2 East

18 54E 20
18 54E 21
18 54E 28
BLM
CS2

N
W
E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas CS2 East Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 205 OF 512

115°55'48"W 115°55'39"W 115°55'30"W 115°55'21"W 115°55'12"W

37°50'51"N 37°50'42"N 37°50'33"N 37°50'24"N 37°50'15"N 37°50'6"N 37°49'57"N

205
206
207
CS2 East

CS2

BLM

N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS2 East Segment

PREPARED FOR	DOE	SCALE	1 : 5,000
DATE	MARCH 2008	VERSION	LEX20080317-001
SOURCE	PHE PROJECT TEAM		SHEET 206 OF 512

115°56'33"W 115°56'24"W 115°56'15"W 115°56'6"W 115°55'57"W 115°55'48"W

37°50'33"N 37°50'24"N 37°50'15"N 37°50'6"N 37°49'57"N 37°49'48"N 37°49'39"N

206
207
208
CS2 East

13 54E 19
19 54E 30
18 54E 25
18 54E 30
18 54E 29

BLM

CS2

N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas CS2 East Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 207 OF 512

115°57'18"W 115°57'9"W 115°57'W 115°56'51"W 115°56'42"W 115°56'33"W

37°50'15"N

37°50'6"N

37°49'57"N

37°49'48"N

37°49'39"N

37°49'30"N

15 54E 19

207

208

209

CS2 East

CS2

15 54E 30

15 53E 25

BLM

N

W E

S

Feet

0 200 400 600 800 1,000

Meters

0 50 100 150 200 250

15 53E 36

15 54E 31

TITLE

Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS2 East Segment

PREPARED FOR	SCALE
DOE	1 : 5,000
DATE	VERSION
MARCH 2008	LEX20080317-001
SOURCE	SHEET 208 OF 512
PHE PROJECT TEAM	

115°57'18"W 115°57'9"W 115°57'W 115°56'51"W 115°56'42"W 115°56'33"W

115°58'3"W 115°57'54"W 115°57'45"W 115°57'36"W 115°57'27"W 115°57'18"W

37°49'57"N
37°49'48"N
37°49'39"N
37°49'30"N
37°49'21"N
37°49'12"N
37°49'3"N

208
209
210
CS2 East

BLM

CS2

T8 S R3E S25

T8 S R3E S36

N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS2 East Segment

PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 209 OF 512

115°58'48"W
115°58'39"W
115°58'30"W
115°58'21"W
115°58'12"W
115°58'3"W
37°49'21"N
37°49'12"N
37°49'3"N
37°48'54"N
37°48'45"N
37°48'36"N
37°48'27"N
211
210
CS2 West
CS2 East
BLM
CS2
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
N
W
E
S
Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS2 East Segment
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 210 OF 512

115°59'24"W 115°59'15"W 115°59'6"W 115°58'57"W 115°58'48"W

37°48'54"N 37°48'45"N 37°48'36"N 37°48'27"N 37°48'18"N 37°48'9"N 37°48'N

211

CS2 East

CS2 West

BLM

CS2

N

W E

S

Feet

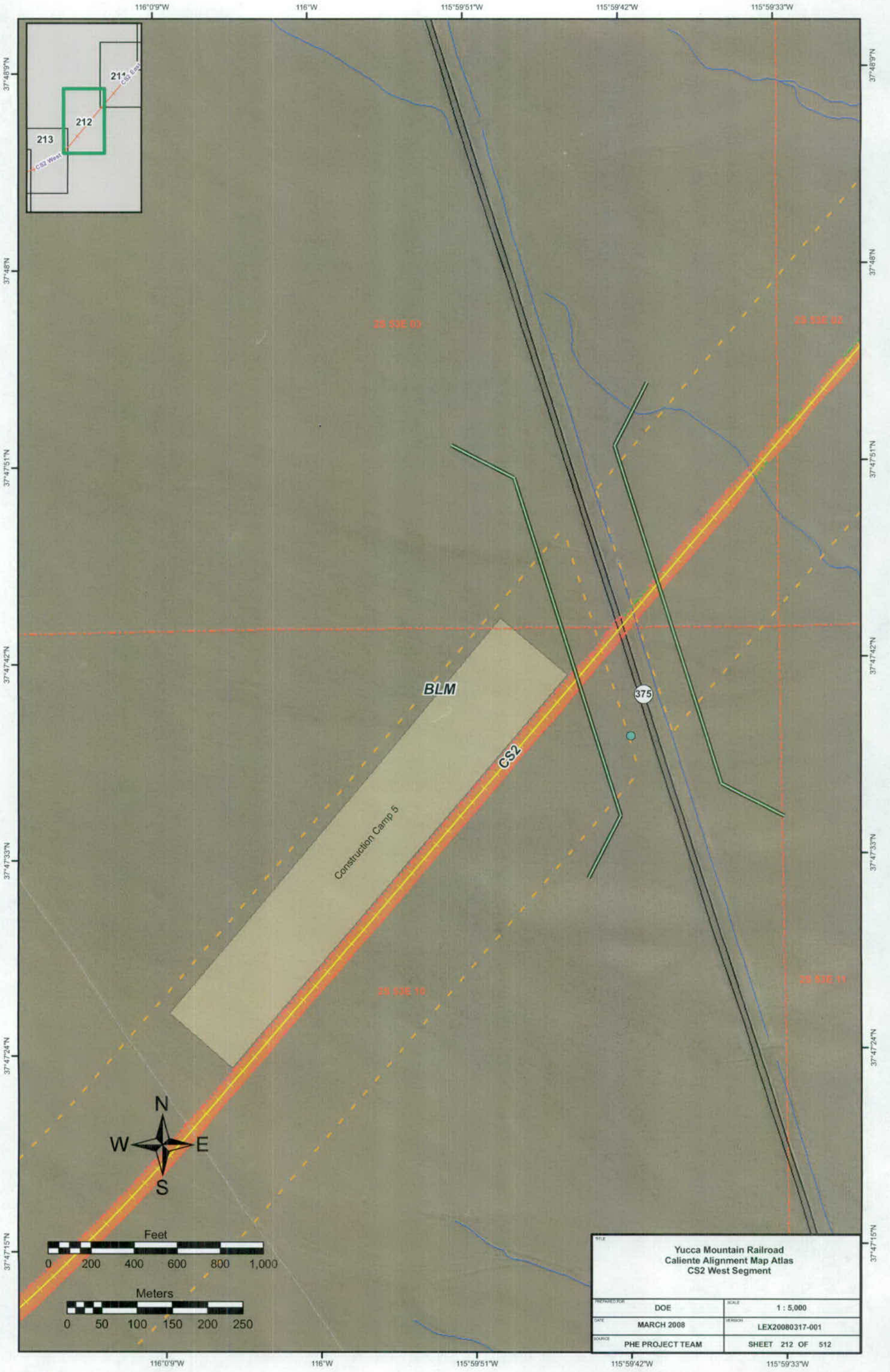
0 200 400 600 800 1,000

Meters

0 50 100 150 200 250

115°59'33"W 115°59'24"W 115°59'15"W 115°59'6"W 115°58'57"W 115°58'48"W

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas CS2 East Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 211 OF 512



Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS2 West Segment

PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 212 OF 512

116°0'54"W 116°0'45"W 116°0'36"W 116°0'27"W 116°0'18"W

37°47'33"N 37°47'24"N 37°47'15"N 37°47'6"N 37°46'57"N 37°46'48"N 37°46'39"N

212

213

CS2 West

214

25 53E 09

25 53E 10

CS2

BLM

25 53E 16

25 53E 15

N

W E

S

Feet

0 200 400 600 800 1,000

Meters

0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas CS2 West Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 213 OF 512

116°1'39"W
116°1'30"W
116°1'21"W
116°1'12"W
116°1'3"W
37°47'15"N
37°47'6"N
37°46'57"N
37°46'48"N
37°46'39"N
37°46'30"N
37°46'21"N

213
215
214
CS2 West

25 53E 09

CS2

BLM

25 53E 16

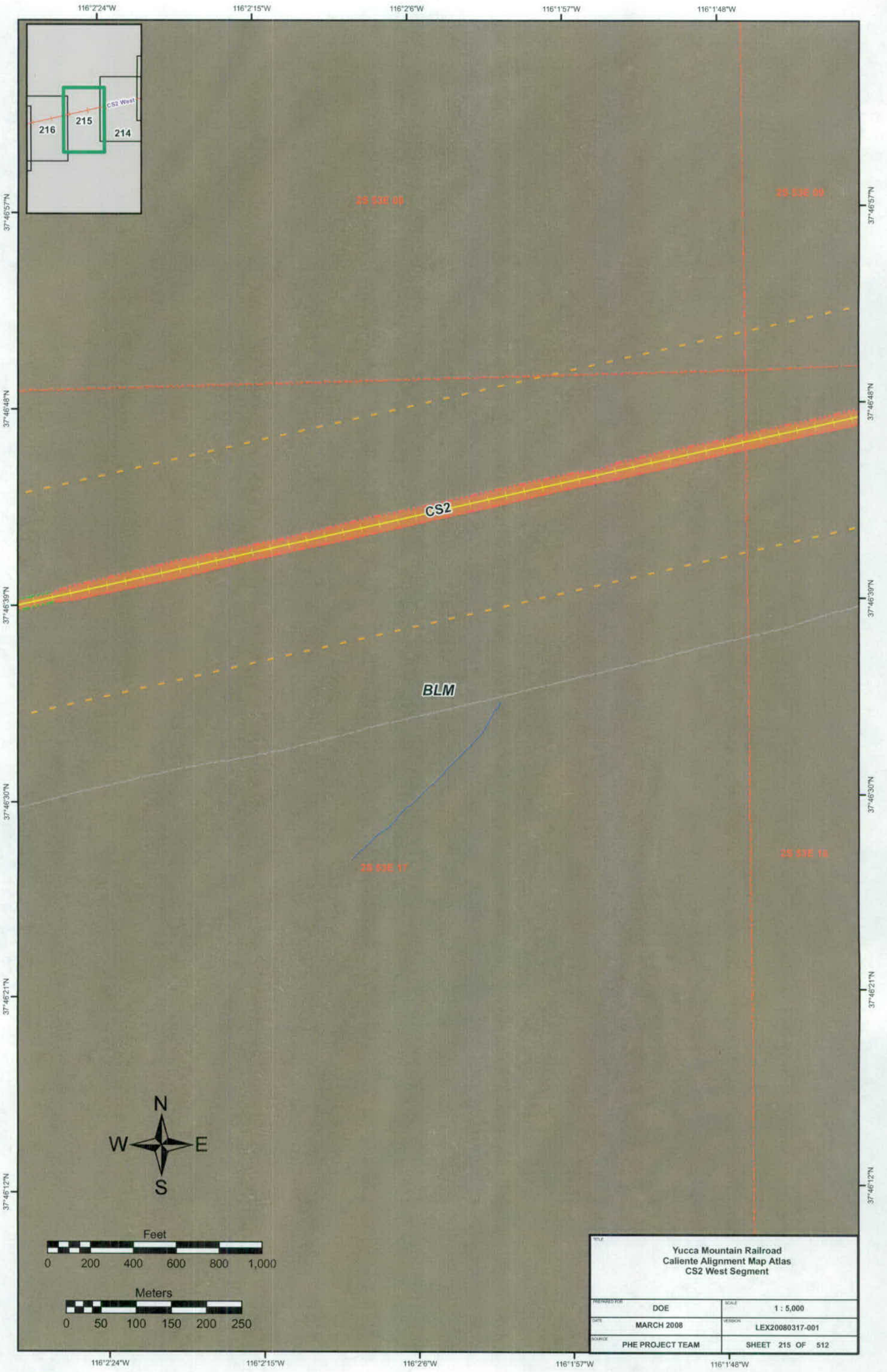
N
W
E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

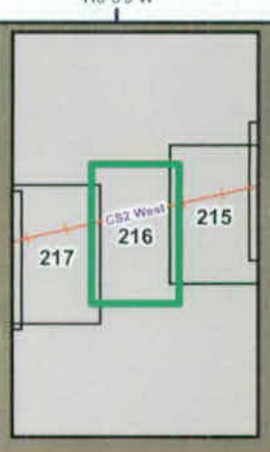
Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS2 West Segment

PREPARED FOR	SCALE
DOE	1 : 5,000
DATE	VERSION
MARCH 2008	LEX20080317-001
SOURCE	SHEET 214 OF 512
PHE PROJECT TEAM	


116°2'24"W
116°2'15"W
116°2'6"W
116°1'57"W
116°1'48"W
37°46'57"N
37°46'48"N
37°46'39"N
37°46'30"N
37°46'21"N
37°46'12"N
216
215
214
CS2 West
25 53E 08
25 53E 09
CS2
BLM
25 53E 17
25 53E 16
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS2 West Segment
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 215 OF 512

116°3'9"W 116°3'W 116°2'51"W 116°2'42"W 116°2'33"W 116°2'24"W

37°46'57"N 37°46'48"N 37°46'39"N 37°46'30"N 37°46'21"N 37°46'12"N 37°46'3"N



25 S3E 07

25 S3E 08

CS2

BLM

25 S3E 18

25 S3E 17

N
W E
S

Feet
0 200 400 600 800 1,000

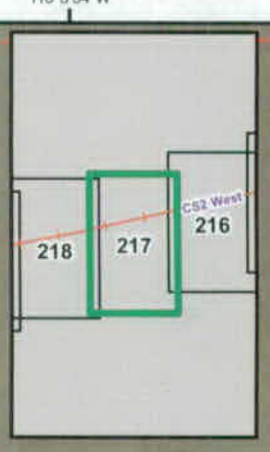
Meters
0 50 100 150 200 250

TITLE	Yucca Mountain Railroad Caliente Alignment Map Atlas CS2 West Segment
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 216 OF 512

116°3'9"W 116°3'W 116°2'51"W 116°2'42"W 116°2'33"W

116°3'54"W 116°3'45"W 116°3'36"W 116°3'27"W 116°3'18"W 116°3'9"W

37°46'48"N 37°46'39"N 37°46'30"N 37°46'21"N 37°46'12"N 37°46'3"N 37°45'54"N



CS2

25 53E 18

BLM

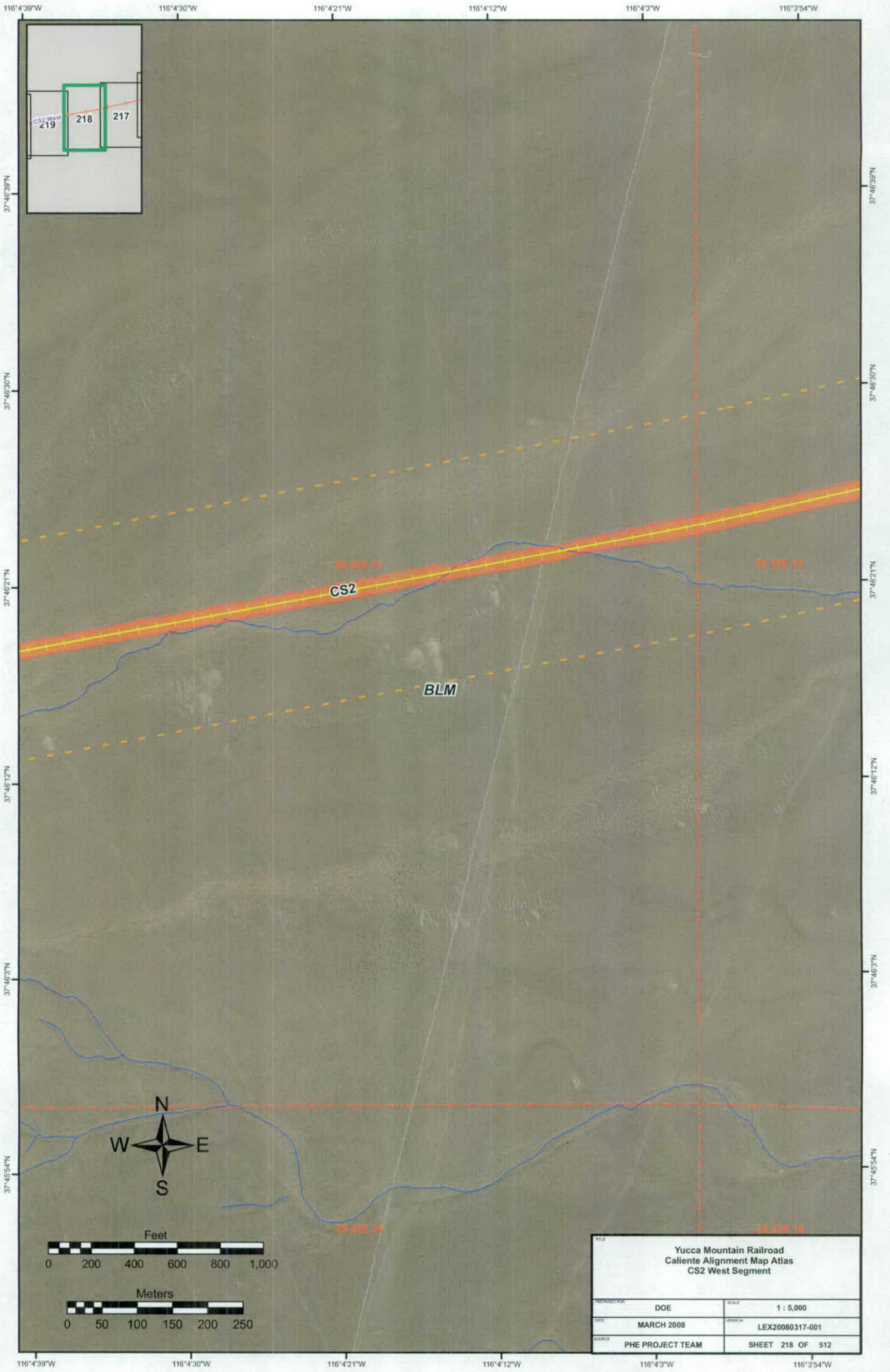
25 53E 19

N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas CS2 West Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 217 OF 512


116°4'39"W
116°4'30"W
116°4'21"W
116°4'12"W
116°4'3"W
116°3'54"W
37°46'39"N
37°46'30"N
37°46'21"N
37°46'12"N
37°46'3"N
37°45'54"N
219
218
217
CS2 West
CS2
BLM
25 52E 13
25 53E 18
25 52E 24
25 53E 19
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS2 West Segment
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
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SOURCE: PHE PROJECT TEAM
SHEET 218 OF 512

116°5'15"W
116°5'6"W
116°4'57"W
116°4'48"W
116°4'39"W
37°46'39"N
37°46'30"N
37°46'21"N
37°46'12"N
37°46'3"N
37°45'54"N
37°45'45"N

220
CS2 West
219
218

25 S2E 14
25 S2E 13
CS2
BLM
25 S2E 23
25 S2E 24

N
W
E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas CS2 West Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 219 OF 512

116°5'24"W
116°5'15"W
116°5'6"W
116°4'57"W
116°4'48"W
116°4'39"W

116°6'W 116°5'51"W 116°5'42"W 116°5'33"W 116°5'24"W

37°46'39"N 37°46'30"N 37°46'21"N 37°46'12"N 37°46'3"N 37°45'54"N 37°45'45"N

221 220 219 CS2 West

WILLOW WITCH ROAD

25 S2E 14

BLM

CS2

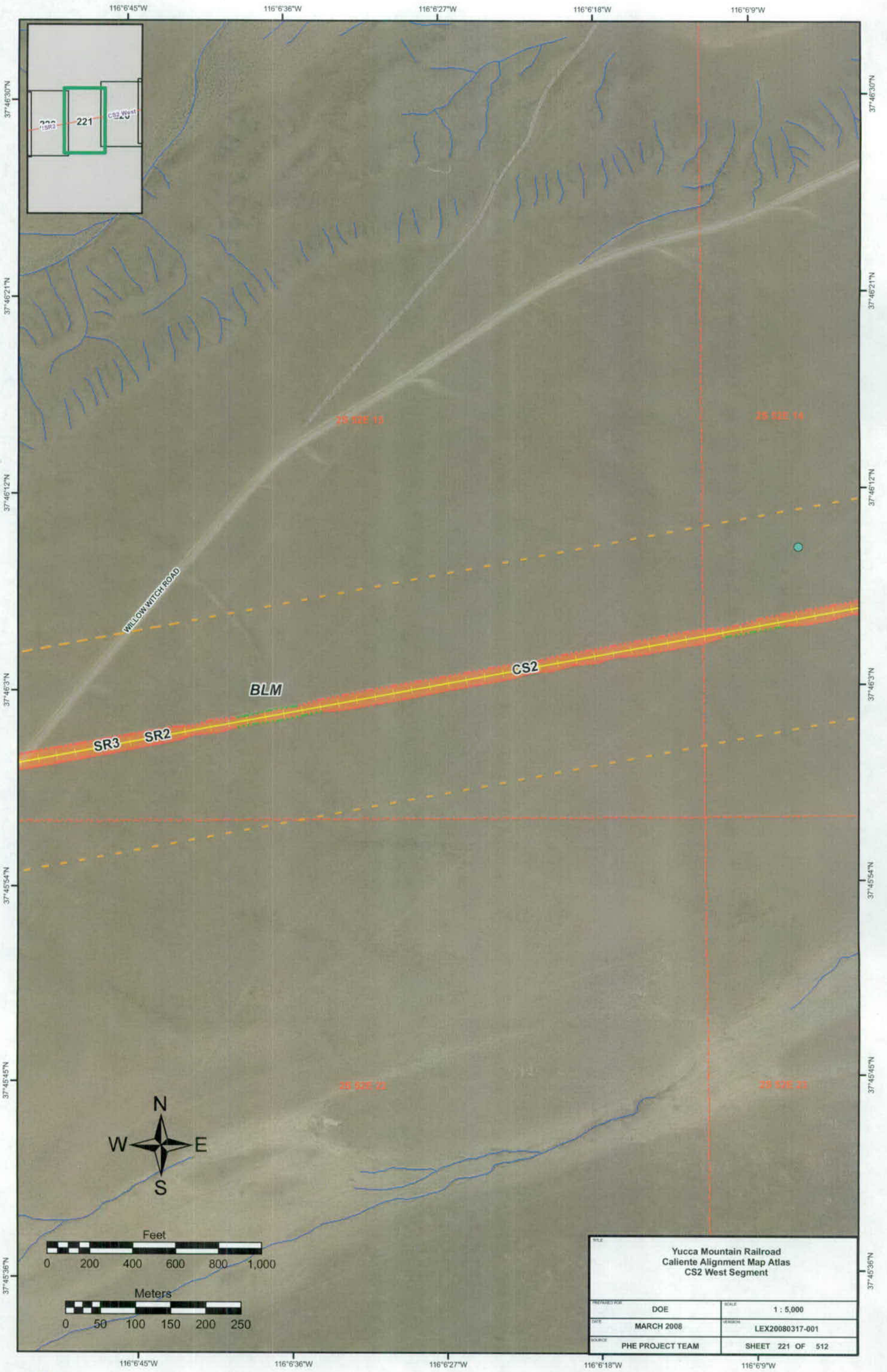
25 S2E 23

N
W E
S

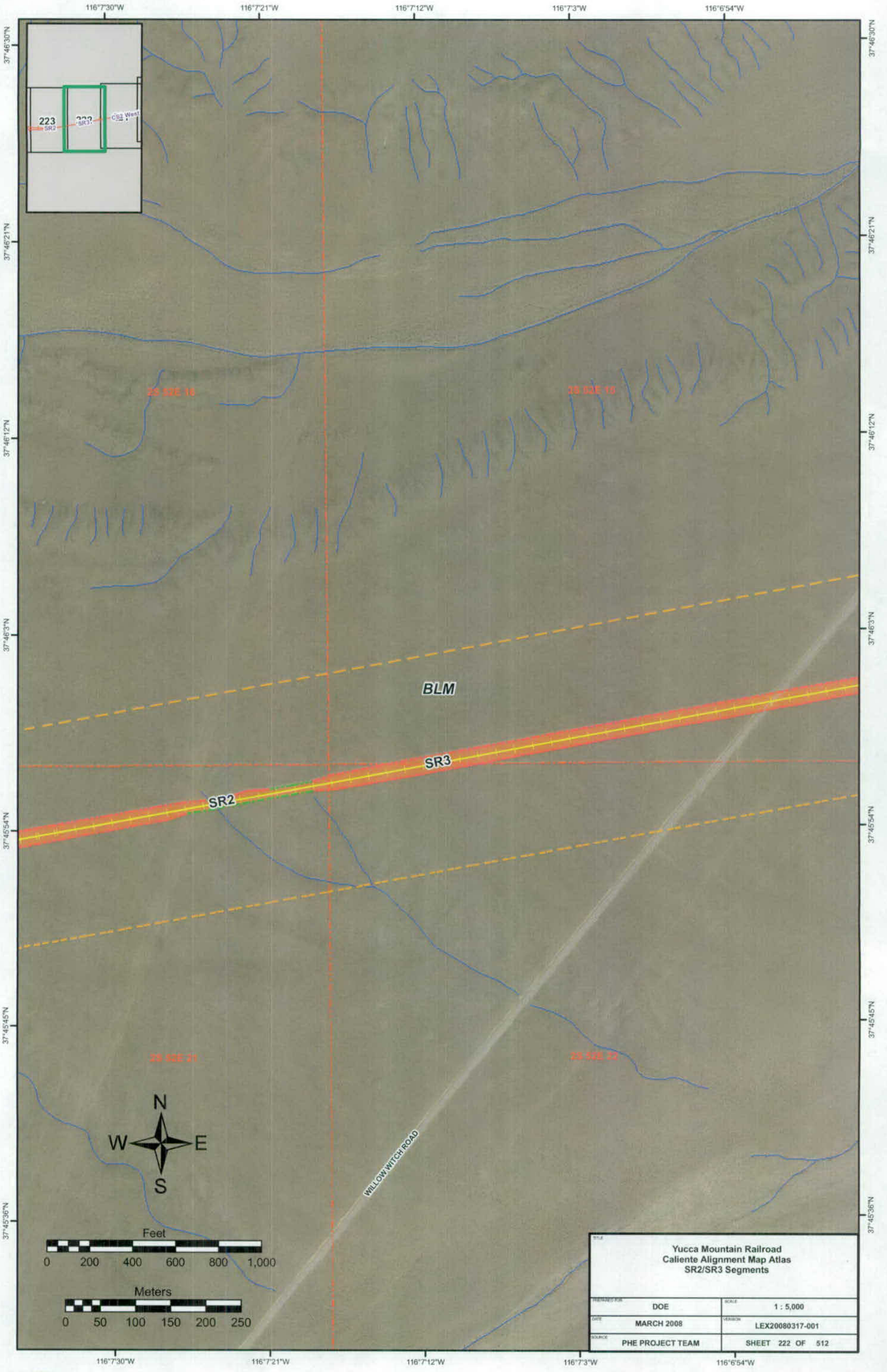
Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas CS2 West Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 220 OF 512



TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas CS2 West Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 221 OF 512


116°7'30"W
116°7'21"W
116°7'12"W
116°7'3"W
116°6'54"W
37°46'30"N
37°46'21"N
37°46'12"N
37°46'3"N
37°45'54"N
37°45'45"N
37°45'36"N
223
SR2
SR3
CB2 West
25 52E 16
25 52E 15
BLM
SR3
SR2
25 52E 21
25 52E 22
WILLOW WITCH ROAD
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
SR2/SR3 Segments
DOE
1 : 5,000
MARCH 2008
LEX20080317-001
PHE PROJECT TEAM
SHEET 222 OF 512

116°8'15"W 116°8'6"W 116°7'57"W 116°7'48"W 116°7'39"W

37°46'30"N 37°46'21"N 37°46'12"N 37°46'3"N 37°45'54"N 37°45'45"N 37°45'36"N

224 SR2 223 SR3 222

T

26 52E 16

BLM

SR2 SR3

26 52E 21

N W E S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

WILLOW WITCH ROAD

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas SR2/SR3 Segments	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 223 OF 512

116°9'W 116°8'51"W 116°8'42"W 116°8'33"W 116°8'24"W 116°8'15"W

37°46'30"N 37°46'21"N 37°46'12"N 37°46'3"N 37°45'54"N 37°45'45"N 37°45'36"N

25 S2E 17

25 S2E 16

BLM

SR3

SR2

WILLOW WITCH ROAD

25 S2E 20

25 S2E 21

N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas SR2/SR3 Segments	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 224 OF 512

116°9'45"W 116°9'36"W 116°9'27"W 116°9'18"W 116°9'9"W 116°9'W

37°46'30"N 37°46'21"N 37°46'12"N 37°46'3"N 37°45'54"N 37°45'45"N 37°45'36"N

231
226
224
225
SR2
SR3

25 52E 18
25 52E 17
25 52E 19
25 52E 20

BLM
SR2
SR3
WILLOW WITCH ROAD

N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas SR2/SR3 Segments	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 225 OF 512

116°10'30"W 116°10'21"W 116°10'12"W 116°10'3"W 116°9'54"W 116°9'45"W

37°46'48"N 37°46'39"N 37°46'30"N 37°46'21"N 37°46'12"N 37°46'3"N 37°45'54"N

25 S2E 18

WILLOW WITCH ROAD

SR2

25 S2E 19

BLM

SR3

N
W E
S

Feet
0 200 400 600 800 1,000

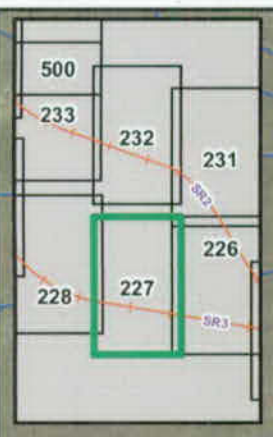
Meters
0 50 100 150 200 250

25 S2E 19

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas SR2/SR3 Segments	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 226 OF 512

116°11'6"W 116°10'57"W 116°10'48"W 116°10'39"W 116°10'30"W

37°46'48"N 37°46'39"N 37°46'30"N 37°46'21"N 37°46'12"N 37°46'3"N 37°45'54"N



25 51E 09

25 51E 09

25 52E 07

25 52E 13

BLM

25 51E 17

25 51E 18

SR3

N
W E
S

Feet
0 200 400 600 800 1,000

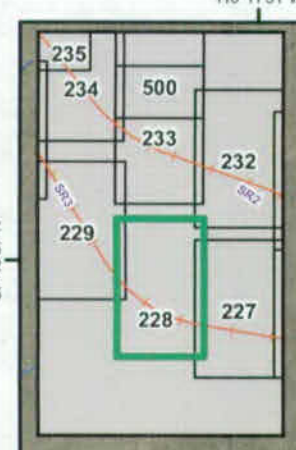
Meters
0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas SR3 Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 227 OF 512

116°11'6"W 116°10'57"W 116°10'48"W 116°10'39"W 116°10'30"W

116°11'51"W 116°11'42"W 116°11'33"W 116°11'24"W 116°11'15"W

37°46'57"N
37°46'48"N
37°46'39"N
37°46'30"N
37°46'21"N
37°46'12"N
37°46'3"N



25 51 2E 08

BLM

25 51 2E 17

SR3

N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas SR3 Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 228 OF 512

116°12'36"W 116°12'27"W 116°12'18"W 116°12'9"W 116°12'W

37°47'24"N 37°47'15"N 37°47'6"N 37°46'57"N 37°46'48"N 37°46'39"N 37°46'30"N

236 234 500 230 233 229 228

SR2 SR3

South Reveille Valley

RR Siding

25 51 2E 05

SR3

BLM

25 51 2E 07

25 51 2E 08

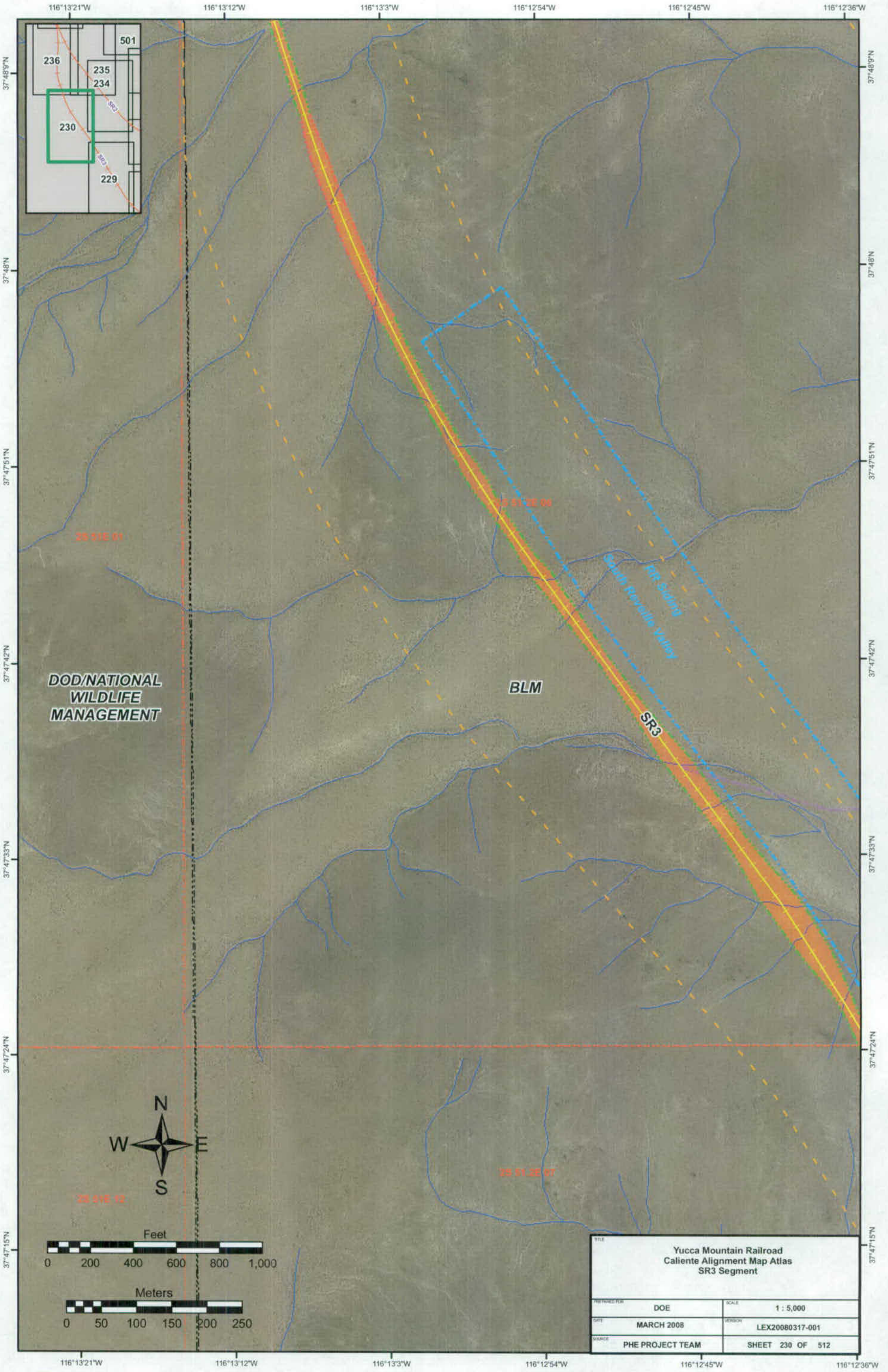
25 51 2E 10

N W E S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas SR3 Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 229 OF 512


116°13'21"W
116°13'12"W
116°13'3"W
116°12'54"W
116°12'45"W
116°12'36"W
37°48'9"N
37°48'N
37°47'51"N
37°47'42"N
37°47'33"N
37°47'24"N
37°47'15"N
501
236
235
234
230
229
SR2
SR3
DOD/NATIONAL WILDLIFE MANAGEMENT
BLM
SR3
Rail Station
South Reveille Valley
25 51E 01
25 51E 06
25 51E 12
25 51E 07
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
SR3 Segment
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 230 OF 512

116°10'21"W 116°10'12"W 116°10'3"W 116°9'54"W 116°9'45"W

37°47'42"N 37°47'33"N 37°47'24"N 37°47'15"N 37°47'6"N 37°46'57"N 37°46'48"N

232 231 226 227

SR2 SR3

23 32E 06

BLM

23 32E 07

SR2

WILLOW WITCH ROAD

N W E S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

23 32E 18

116°10'30"W

Yucca Mountain Railroad Caliente Alignment Map Atlas SR2 Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 231 OF 512

116°11'6"W
116°10'57"W
116°10'48"W
116°10'39"W
116°10'30"W
37°47'51"N
37°47'42"N
37°47'33"N
37°47'24"N
37°47'15"N
37°47'6"N
37°46'57"N
500
233
232
231
226
228
227
SR2
SR3
25 51 2E 05
25 51 2E 04
25 51 2E 08
25 51 2E 07
25 51 2E 09
Quarry
NN-9B
South Reveille Valley
WILLOW WITCH ROAD
BLM
SR2
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
SR2 Segment
PREPARED FOR DOE
SCALE 1 : 5,000
DATE MARCH 2008
VERSION LEX20080317-001
SOURCE PHE PROJECT TEAM
SHEET 232 OF 512

116°11'51"W 116°11'42"W 116°11'33"W 116°11'24"W 116°11'15"W

37°48'N
37°47'51"N
37°47'42"N
37°47'33"N
37°47'24"N
37°47'15"N

Quarry
NN-9B
South Reveille Valley

RR Siding
South Reveille Valley
25 01 25 05
South Reveille Valley
Plant

BLM

SR2

25 01 25 04

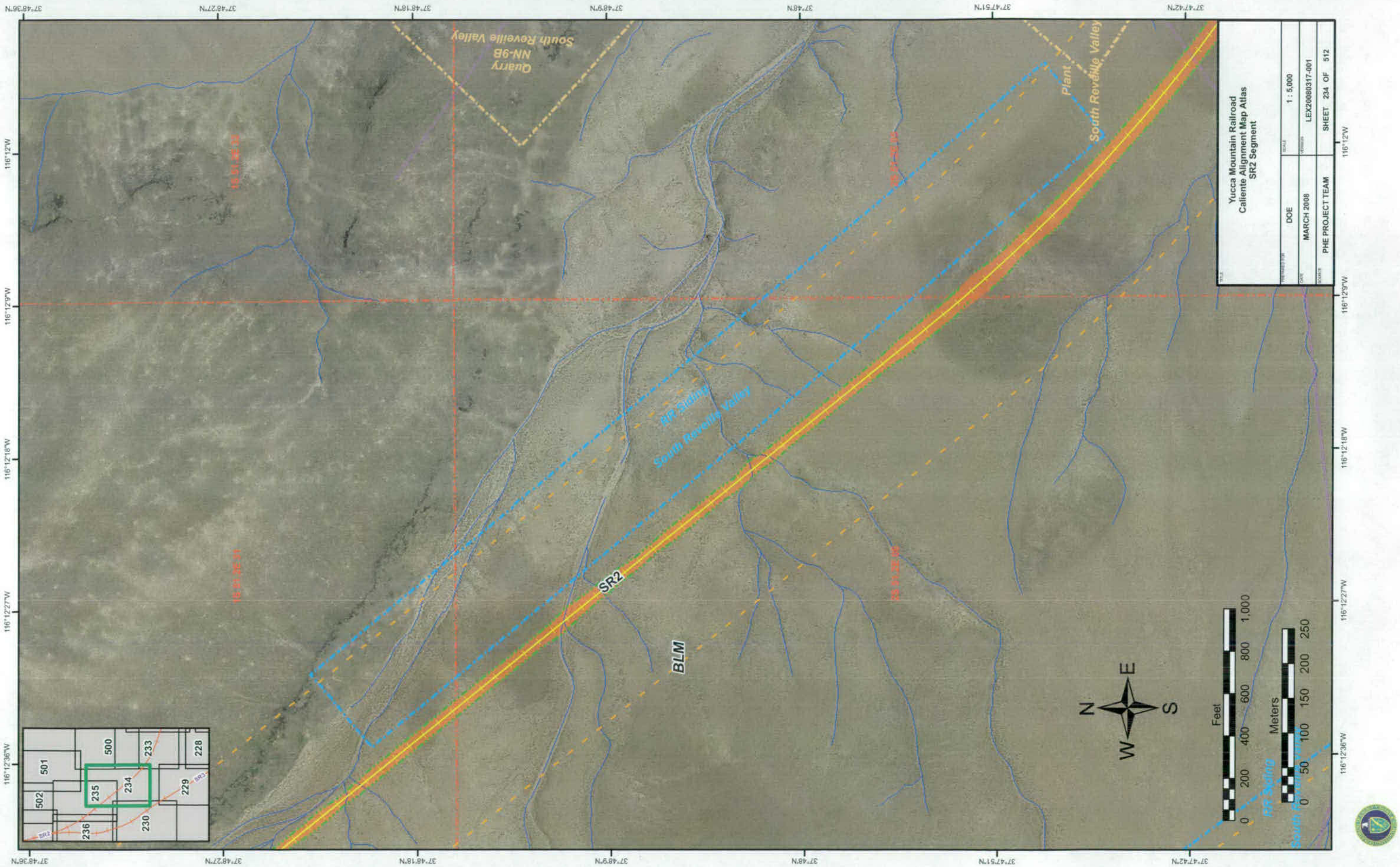
N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas SR2 Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 233 OF 512

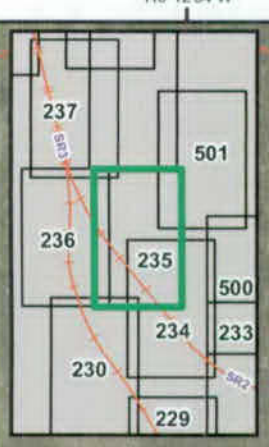
116°11'51"W 116°11'42"W 116°11'33"W 116°11'24"W 116°11'15"W



Yucca Mountain Railroad
Caliente Alignment Map Atlas
SR2 Segment
DOE
MARCH 2008
PHE PROJECT TEAM
1 : 5,000
LEX20080317-001
SHEET 234 OF 512
Quarry
NN-9B
South Reveille Valley
Plant
South Reveille Valley
TIP Siding
South Reveille Valley
SR2
BLM
N
E
S
W
Feet
0
200
400
600
800
1,000
Meters
0
50
100
150
200
250
116°12'36"W
116°12'27"W
116°12'18"W
116°12'9"W
116°12'W
37°48'36"N
37°48'27"N
37°48'18"N
37°48'9"N
37°48'N
37°47'51"N
37°47'42"N
501
500
233
228
502
235
234
229
236
230

116°12'54"W 116°12'45"W 116°12'36"W 116°12'27"W 116°12'18"W

37°49'3"N
37°48'54"N
37°48'45"N
37°48'36"N
37°48'27"N
37°48'18"N
37°48'9"N



15 51 2E 30

15 51 2E 31

BLM

SR2

RR Siding

South Reveille Valley

15 51 2E 06

N
W
E
S

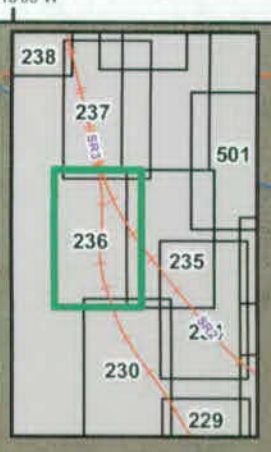
Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas SR2 Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 235 OF 512

116°13'39"W 116°13'30"W 116°13'21"W 116°13'12"W 116°13'3"W 116°12'54"W

37°49'3"N 37°48'54"N 37°48'45"N 37°48'36"N 37°48'27"N 37°48'18"N 37°48'9"N



15 51E 35 15 51 2E 30

15 51E 36 15 51 2E 31

SR2

SR3

BLM

N
W E
S

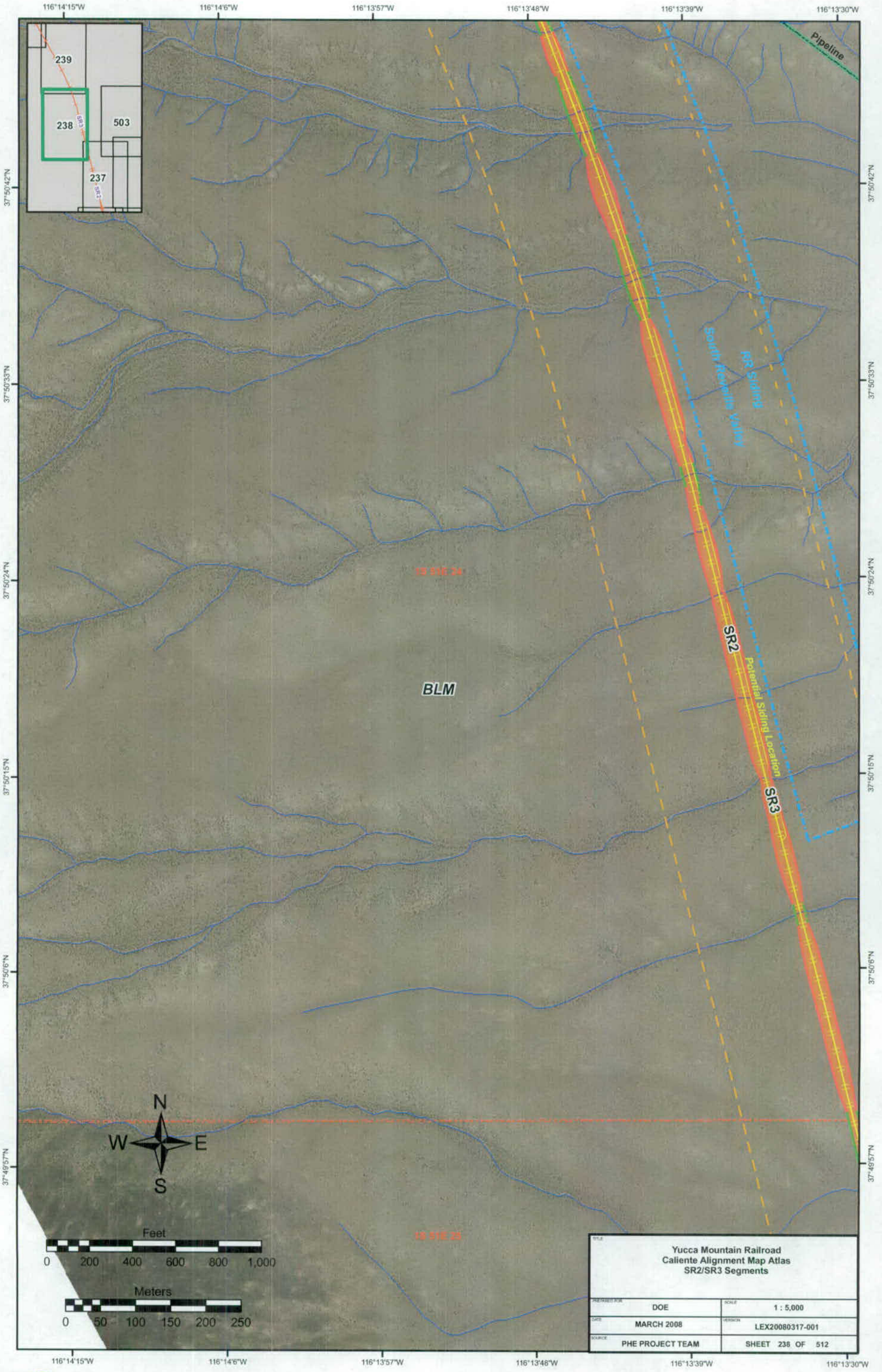
Feet
0 200 400 600 800 1000

Meters
0 50 100 150 200 250

NATIONAL WILDLIFE MANAGEMENT

Yucca Mountain Railroad Caliente Alignment Map Atlas SR2/SR3 Segments	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 236 OF 512

116°13'30"W
116°13'21"W
116°13'12"W
116°13'3"W
116°12'54"W
37°49'57"N
37°49'48"N
37°49'39"N
37°49'30"N
37°49'21"N
37°49'12"N
37°49'3"N
238
503
237
502
236
235
234
SR2
SR3
BLM
Quarry
NN-9A
South Reveille Valley
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
SR2/SR3 Segments
DOE
1 : 5,000
MARCH 2008
LEX20080317-001
PHE PROJECT TEAM
SHEET 237 OF 512


116°14'15"W
116°14'6"W
116°13'57"W
116°13'48"W
116°13'39"W
116°13'30"W
37°50'42"N
37°50'33"N
37°50'24"N
37°50'15"N
37°50'6"N
37°49'57"N
239
238
503
237
SR3
Pipeline
South Reveille Valley
RR Siding
SR2
SR3
Potential Siding Location
BLM
18 51E 24
18 51E 25
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
SR2/SR3 Segments
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 238 OF 512

116°14'15"W 116°14'6"W 116°13'57"W 116°13'48"W 116°13'39"W 116°13'30"W

37°51'45"N 37°51'36"N 37°51'27"N 37°51'18"N 37°51'9"N 37°51'N 37°50'51"N

15 51E 12

SR2

SR3

15 51E 13

BLM

Potential Siding Location

South Revenue Valley

RR Siding

WILLOW WITCH ROAD

Pipeline

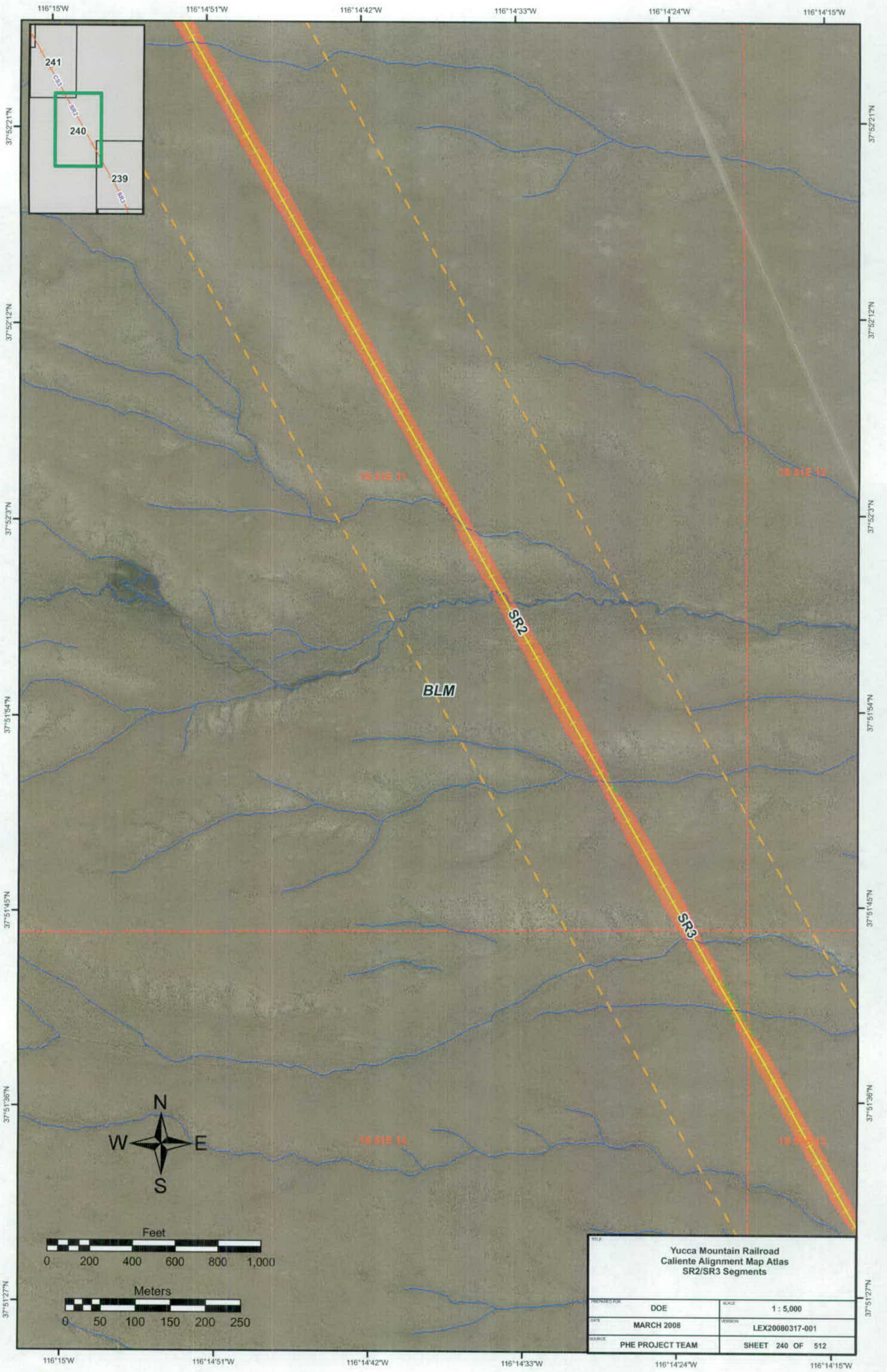
N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

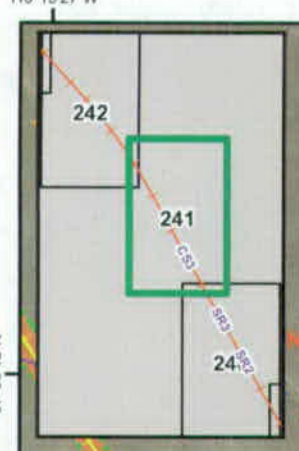
15 51E 24

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas SR2/SR3 Segments	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 239 OF 512


116°15'W
116°14'51"W
116°14'42"W
116°14'33"W
116°14'24"W
116°14'15"W
37°52'21"N
37°52'12"N
37°52'3"N
37°51'54"N
37°51'45"N
37°51'36"N
37°51'27"N
241
240
239
CS3
SR2
SR3
15 51E 11
15 51E 12
15 51E 14
BLM
SR2
SR3
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
SR2/SR3 Segments
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 240 OF 512

116°15'27"W 116°15'18"W 116°15'9"W 116°15'W 116°14'51"W 116°14'42"W

37°53'15"N 37°53'6"N 37°52'57"N 37°52'48"N 37°52'39"N 37°52'30"N 37°52'21"N



15 51E 34

15 51E 35

15 51E 03

15 51E 02

BLM

CS3

15 51E 10

15 51E 11

N

W E

S

Feet

0 200 400 600 800 1,000

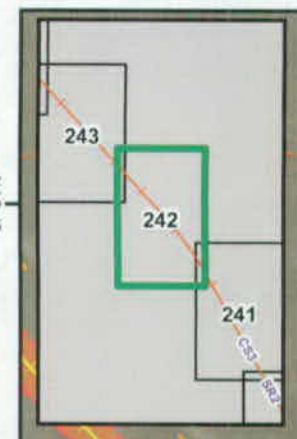
Meters

0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas CS3 Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 241 OF 512

116°16'3"W 116°15'54"W 116°15'45"W 116°15'36"W 116°15'27"W

37°54'N 37°53'51"N 37°53'42"N 37°53'33"N 37°53'24"N 37°53'15"N 37°53'6"N



1N 51E 27

CS3

BLM

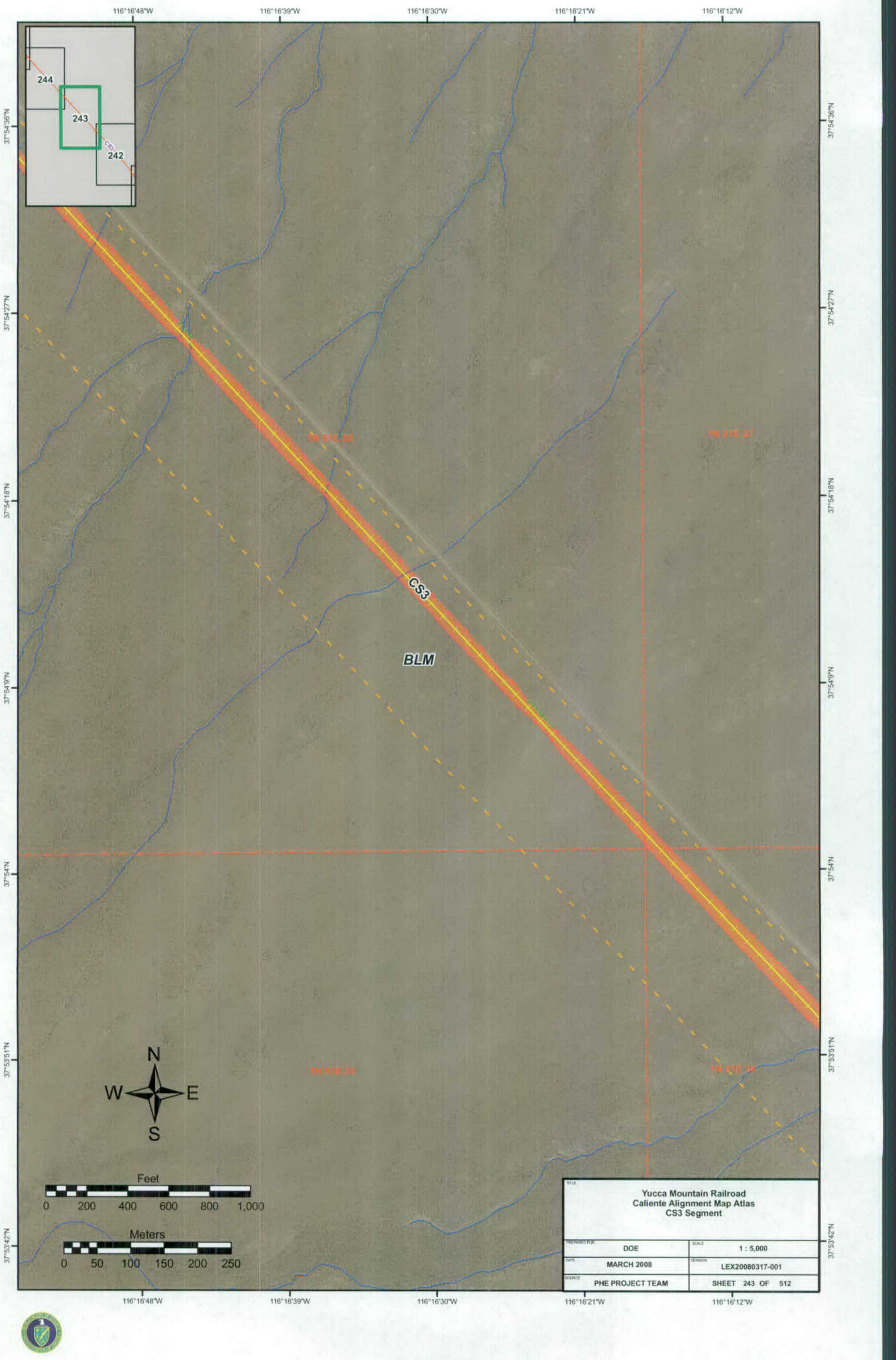
Water Line

N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas CS3 Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 242 OF 512



Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS3 Segment

PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 243 OF 512

116°17'33"W 116°17'24"W 116°17'15"W 116°17'6"W 116°16'57"W

37°55'12"N 37°55'3"N 37°54'54"N 37°54'45"N 37°54'36"N 37°54'27"N 37°54'18"N

245 244 243

CS3

1N 51E 20 1N 51E 21 1N 51E 29 1N 51E 28

BLM

N W E S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas CS3 Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 244 OF 512

116°18'18"W 116°18'9"W 116°18'W 116°17'51"W 116°17'42"W 116°17'33"W

37°55'57"N 37°55'48"N 37°55'39"N 37°55'30"N 37°55'21"N 37°55'12"N 37°55'3"N

246 245 244 CS3

1N 51E 17

CS3

BLM

1N 51E 20

N W E S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas CS3 Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 245 OF 512

116°18'45"W 116°18'36"W 116°18'27"W 116°18'18"W 116°18'9"W 116°18'W

37°56'51"N 37°56'42"N 37°56'33"N 37°56'24"N 37°56'15"N 37°56'6"N 37°55'57"N

1N 51E 07

1N 51E 08

BLM

CS3

1N 51E 18

1N 51E 17

N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas CS3 Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 246 OF 512

116°19'30"W 116°19'21"W 116°19'12"W 116°19'3"W 116°18'54"W 116°18'45"W

37°57'27"N

37°57'18"N

37°57'9"N

37°57'N

37°56'51"N

37°56'42"N

37°56'33"N

248

247

246

CS3

1N 51E 00

CS3

Water Line

1N 51E 07

BLM

1N 51E 18

N

W E

S

Feet

0 200 400 600 800 1,000

Meters

0 50 100 150 200 250

Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS3 Segment

PREPARED FOR	DOE	SCALE	1 : 5,000
DATE	MARCH 2008	VERSION	LEX20080317-001
SOURCE	PHE PROJECT TEAM		SHEET 247 OF 512

116°19'39"W
116°19'30"W
116°19'21"W
116°19'12"W
116°19'3"W
116°18'54"W
37°58'21"N
37°58'12"N
37°58'3"N
37°57'54"N
37°57'45"N
37°57'36"N
249
248
247
246
CS3
BLM
1N 31E 31
1N 30E 01
1N 31E 06
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS3 Segment
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 248 OF 512

116°19'57"W 116°19'48"W 116°19'39"W 116°19'30"W 116°19'21"W 116°19'12"W

37°59'24"N 37°59'15"N 37°59'6"N 37°58'57"N 37°58'48"N 37°58'39"N 37°58'30"N

250

249

CS3

248

2N 50E 25

2N 51E 30

BLM

CS3

2N 50E 36

2N 51E 31

N

W E

S

Feet

0 200 400 600 800 1,000

Meters

0 50 100 150 200 250

TITLE

Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS3 Segment

PREPARED FOR	SCALE
DOE	1 : 5,000
DATE	VERSION
MARCH 2008	LEX20080317-001
SOURCE	SHEET 249 OF 512
PHE PROJECT TEAM	

Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS3 Segment

PREPARED FOR	DOE
SCALE	1 : 5,000
DATE	MARCH 2008
DRAWING	LEX20080317-001
SOURCE	PHE PROJECT TEAM
SHEET	250 OF 512

CS3

Construction Camp 6

BLM

37°59'24"N
37°59'33"N
37°59'42"N
37°59'51"N
38°N
38°0'9"N
38°0'18"N

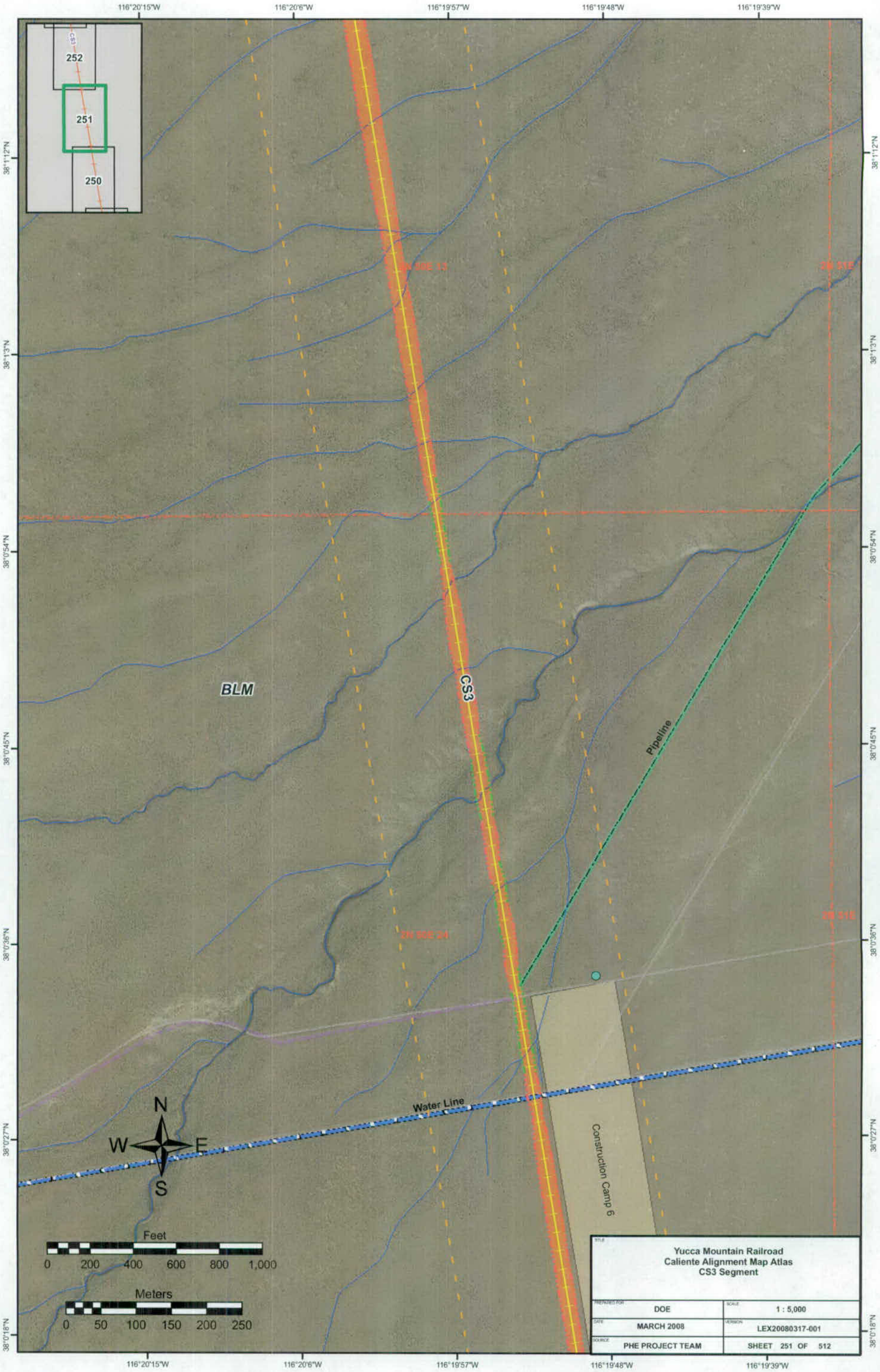
116°20'6"W
116°19'57"W
116°19'48"W
116°19'39"W
116°19'30"W

N
E
S
W

Feet: 0 200 400 600 800 1,000

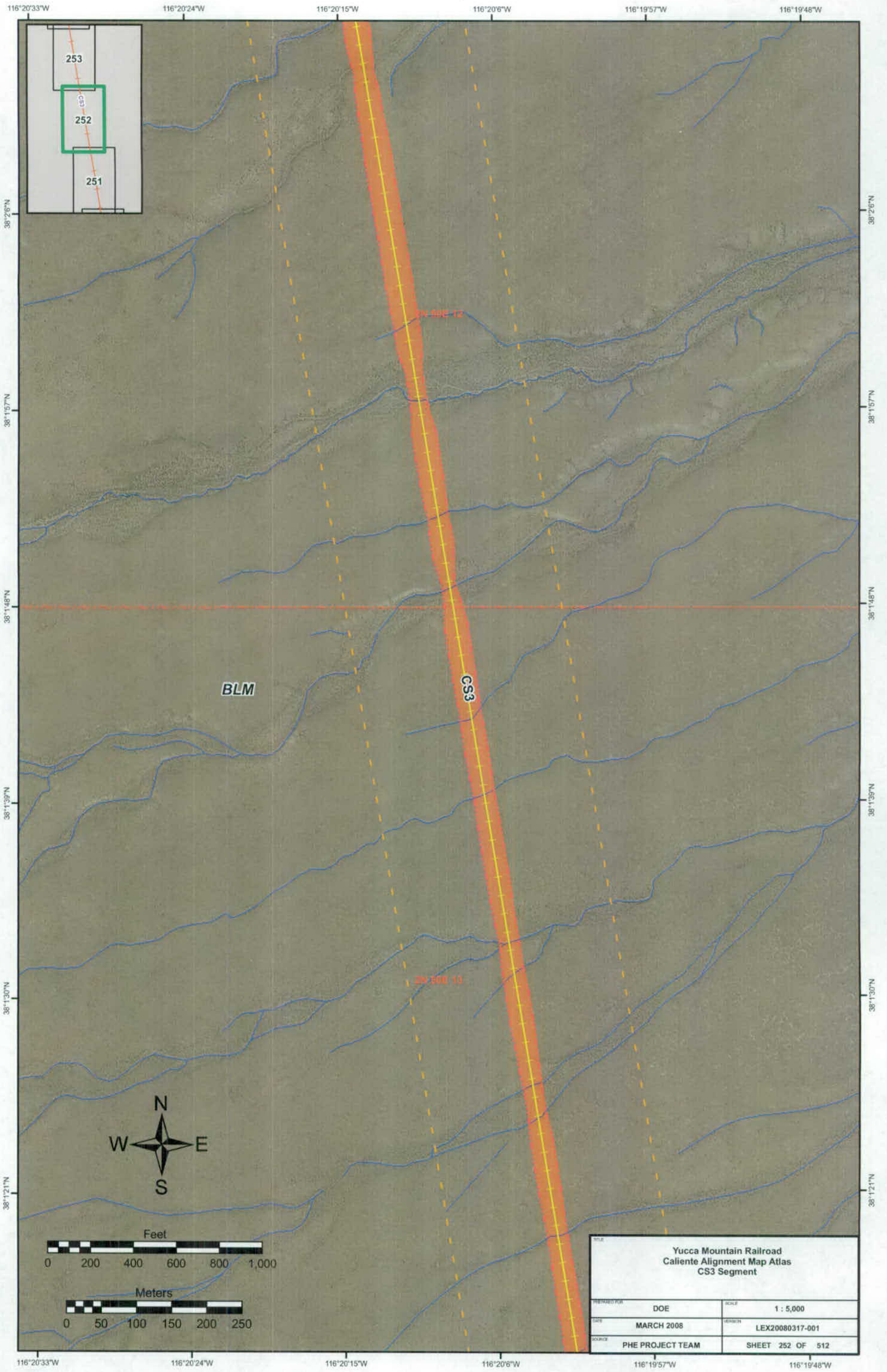
Meters: 0 50 100 150 200 250

249 250 251 CS3



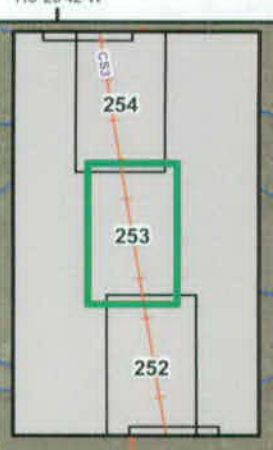
Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS3 Segment

DOE	1 : 5,000
MARCH 2008	LEX20080317-001
PHE PROJECT TEAM	SHEET 251 OF 512


116°20'33"W
116°20'24"W
116°20'15"W
116°20'6"W
116°19'57"W
116°19'48"W
38°2'6"N
38°1'57"N
38°1'48"N
38°1'39"N
38°1'30"N
38°1'21"N
253
CS3
252
251
2N 50E 12
BLM
CS3
2N 50E 10
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS3 Segment
PREPARED FOR
DOE
SCALE
1 : 5,000
DATE
MARCH 2008
VERSION
LEX20080317-001
SOURCE
PHE PROJECT TEAM
SHEET 252 OF 512

116°20'42"W 116°20'33"W 116°20'24"W 116°20'15"W 116°20'6"W 116°19'57"W

38°3'9"N 38°3'N 38°2'51"N 38°2'42"N 38°2'33"N 38°2'24"N 38°2'15"N



2N 59E 02

2N 59E 01

BLM

CS3

2N 59E 11

2N 59E 12

N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas CS3 Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 253 OF 512

116°20'42"W 116°20'33"W 116°20'24"W 116°20'15"W 116°20'6"W

38°4'3"N 38°3'54"N 38°3'45"N 38°3'36"N 38°3'27"N 38°3'18"N 38°3'9"N

3N 50E 33

3N 50E 34

BLM

CS3

2N 50E 02

2N 50E 01

N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

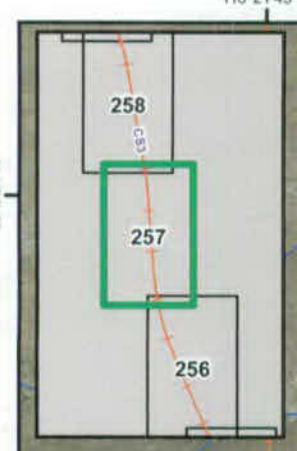
Yucca Mountain Railroad Caliente Alignment Map Atlas CS3 Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 254 OF 512

116°21'W
116°20'51"W
116°20'42"W
116°20'33"W
116°20'24"W
38°4'57"N
38°4'48"N
38°4'39"N
38°4'30"N
38°4'21"N
38°4'12"N
256
255
254
CS3
3N 50E 26
3N 50E 25
3N 50E 35
3N 50E 36
BLM
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS3 Segment
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 255 OF 512

116°21'27"W
116°21'18"W
116°21'9"W
116°21'W
116°20'51"W
116°20'42"W
38°6'N
38°5'51"N
38°5'42"N
38°5'33"N
38°5'24"N
38°5'15"N
38°5'6"N
257
256
255
CS3
3N 50E 23
3N 50E 25
BLM
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS3 Segment
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 256 OF 512

116°21'45"W 116°21'36"W 116°21'27"W 116°21'18"W 116°21'9"W

38°6'54"N 38°6'45"N 38°6'36"N 38°6'27"N 38°6'18"N 38°6'9"N 38°6'N



3N 50E 15

3N 50E 14

CS3

BLM

N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas CS3 Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 257 OF 512

116°21'54"W
116°21'45"W
116°21'36"W
116°21'27"W
116°21'18"W
38°7'48"N
38°7'39"N
38°7'30"N
38°7'21"N
38°7'12"N
38°7'3"N
38°6'54"N
260
259
258
257
CS3
3N 56E 03
3N 56E 02
3N 56E 10
3N 56E 11
BLM
CS3
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS3 Segment
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 258 OF 512

116°22'12"W 116°22'3"W 116°21'54"W 116°21'45"W 116°21'36"W 116°21'27"W

38°8'42"N

38°8'33"N

38°8'24"N

38°8'15"N

38°8'6"N

38°7'57"N

260

259

258

CS3

3.2N 58E 34

3.2N 58E 35

BLM

CS3

3N 58E 03

3N 58E 02

3N 58E 10

N

W E

S

Feet

0 200 400 600 800 1,000

Meters

0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas CS3 Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 259 OF 512

116°22'57"W 116°22'48"W 116°22'39"W 116°22'30"W 116°22'21"W 116°22'12"W

38°9'N 38°8'51"N 38°8'42"N 38°8'33"N 38°8'24"N 38°8'15"N 38°8'6"N

261
260
259
CS3

3.2N 50E 32
3.2N 50E 34
3N 50E 04
3N 50E 03

CS3

BLM

N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas CS3 Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 260 OF 512

116°23'15"W 116°23'6"W 116°22'57"W 116°22'48"W 116°22'39"W

38°10'3"N 38°9'54"N 38°9'45"N 38°9'36"N 38°9'27"N 38°9'18"N 38°9'9"N

262 261 260

CS3

4N 50E 31

BLM

Water Line

3.2N 50E 33 3.2N 50E 34

N W E S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Black Spring

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas CS3 Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 261 OF 512

116°24'W
116°23'51"W
116°23'42"W
116°23'33"W
116°23'24"W
38°10'12"N
38°10'3"N
38°9'54"N
38°9'45"N
38°9'36"N
38°9'27"N
38°9'18"N
263
262
261
260
CS3
4N 49 2E 25
4N 50E 30
BLM
4N 49 2E 36
4N 50E 31
CS3
3.2N 49E 23
3.2N 50E 33
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS3 Segment
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 262 OF 512

116°24'45"W 116°24'36"W 116°24'27"W 116°24'18"W 116°24'9"W

38°10'30"N 38°10'21"N 38°10'12"N 38°10'3"N 38°9'54"N 38°9'45"N 38°9'36"N

263
264
262
CS3
6
4N 49 2E 35
4N 49 2E 36
BLM

N
W E
S

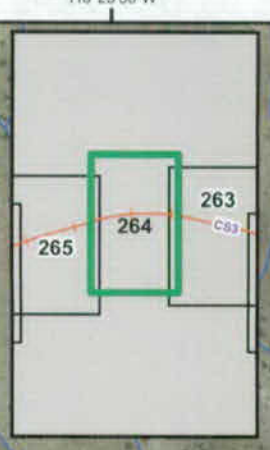
Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas CS3 Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 263 OF 512

116°25'30"W 116°25'21"W 116°25'12"W 116°25'3"W 116°24'54"W 116°24'45"W

38°10'39"N 38°10'30"N 38°10'21"N 38°10'12"N 38°10'3"N 38°9'54"N 38°9'45"N



4N 48 2E 36

6

CS3

BLM

4N 49 2E 36

N
W E
S

Feet
0 200 400 600 800 1,000

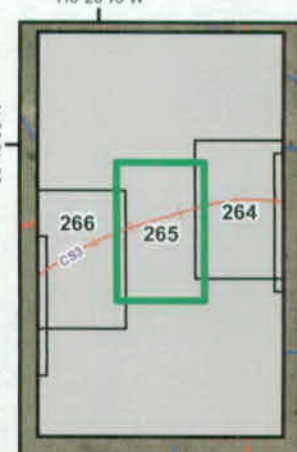
Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas CS3 Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 264 OF 512

116°25'30"W 116°25'21"W 116°25'12"W 116°25'3"W 116°24'54"W 116°24'45"W

116°26'15"W 116°26'6"W 116°25'57"W 116°25'48"W 116°25'39"W 116°25'30"W

38°10'30"N 38°10'21"N 38°10'12"N 38°10'3"N 38°9'54"N 38°9'45"N 38°9'36"N



4N 48.2E 27

4N 48.2E 26

6

CS3

Potential Siding Location

BLM

4N 48.2E 34

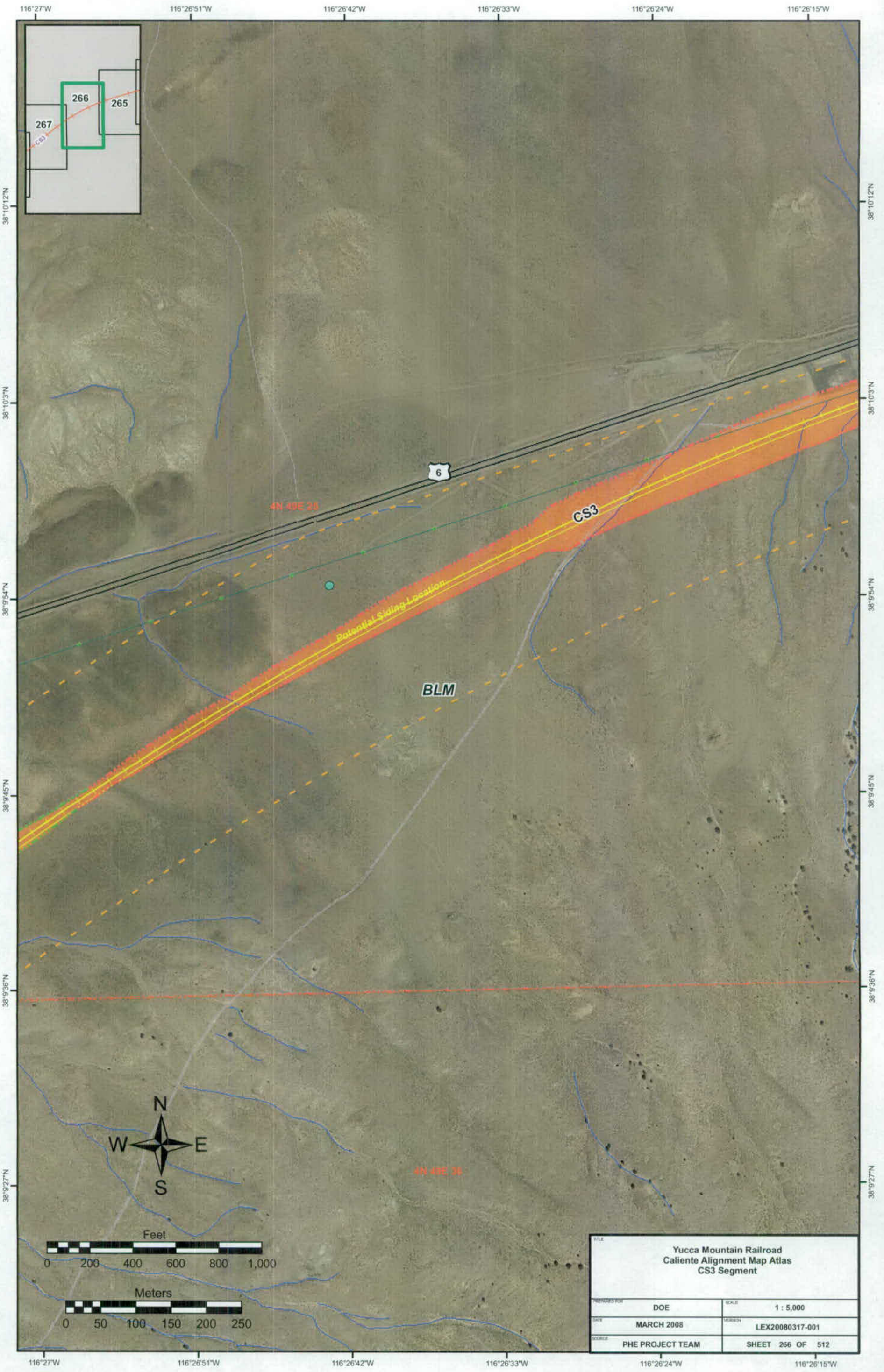
4N 48.2E 35

N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas CS3 Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 265 OF 512


116°27'W
116°26'51"W
116°26'42"W
116°26'33"W
116°26'24"W
116°26'15"W
38°10'12"N
38°10'3"N
38°9'54"N
38°9'45"N
38°9'36"N
38°9'27"N
266
265
267
CS3
6
4N 49E 25
CS3
Potential Siding Location
BLM
4N 49E 36
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS3 Segment
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 266 OF 512

116°27'45"W 116°27'36"W 116°27'27"W 116°27'18"W 116°27'9"W 116°27'W

38°9'54"N 38°9'45"N 38°9'36"N 38°9'27"N 38°9'18"N 38°9'9"N

266 267 268 CS3

6

4N 40E 30 4N 40E 25

Potential Siding Location

BLM

CS3

4N 40E 31 4N 40E 36

N W E S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas CS3 Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 267 OF 512

116°28'21"W 116°28'12"W 116°28'3"W 116°27'54"W 116°27'45"W

38°9'27"N
38°9'18"N
38°9'9"N
38°9'N
38°8'51"N
38°8'42"N

267
268
269
CS3

4N 49E 34
4N 48E 35
4N 48E 02

BLM

CS3

N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas CS3 Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 268 OF 512

116°29'6"W 116°28'57"W 116°28'48"W 116°28'39"W 116°28'30"W

38°9'N 38°8'51"N 38°8'42"N 38°8'33"N 38°8'24"N 38°8'15"N

268 269 270 CS3

4N 49E 34

BLM

CS3

3N 49E 03

N W E S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas CS3 Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 269 OF 512

116°29'51"W 116°29'42"W 116°29'33"W 116°29'24"W 116°29'15"W

38°8'33"N
38°8'24"N
38°8'15"N
38°8'6"N
38°7'57"N
38°7'48"N

269
270
271
CS3

3N 40E 04
3N 40E 03
3N 40E 09

BLM

CS3

N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas CS3 Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 270 OF 512

116°30'36"W 116°30'27"W 116°30'18"W 116°30'9"W 116°30'W

38°8'6"N

38°7'57"N

38°7'48"N

38°7'39"N

38°7'30"N

38°7'21"N

38°7'12"N

270

271

272

CS3

3N 49E 05

3N 49E 04

3N 49E 08

3N 49E 09

BLM

N

W E

S

Feet

0 200 400 600 800 1,000

Meters

0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas CS3 Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 271 OF 512

116°31'21"W 116°31'12"W 116°31'3"W 116°30'54"W 116°30'45"W

38°7'39"N

38°7'30"N

38°7'21"N

38°7'12"N

38°7'3"N

38°6'54"N

271

272

273

CS3

BLM

CS3

3N 49E 06

3N 49E 17

N

W E

S

Feet

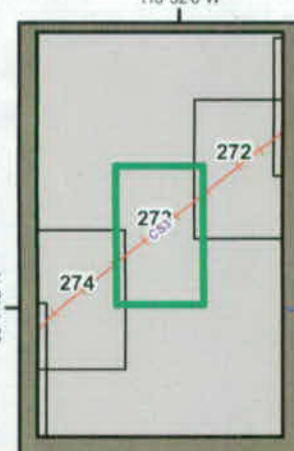
0 200 400 600 800 1,000

Meters

0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas CS3 Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 272 OF 512

116°32'6"W
116°31'57"W
116°31'48"W
116°31'39"W
116°31'30"W
38°7'12"N
38°7'3"N
38°6'54"N
38°6'45"N
38°6'36"N
38°6'27"N
38°6'18"N



3N 49E 07

3N 49E 08

CS3

BLM

3N 49E 16

3N 49E 17

N
W
E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas CS3 Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 273 OF 512

116°32'51"W 116°32'42"W 116°32'33"W 116°32'24"W 116°32'15"W 116°32'6"W

38°6'45"N 38°6'36"N 38°6'27"N 38°6'18"N 38°6'9"N 38°6'N 38°5'51"N

273
274
CS3
275

CS3

3N 48E 13
3N 49E 18
3N 48E 24
3N 49E 19

BLM

N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas CS3 Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 274 OF 512

116°33'36"W 116°33'27"W 116°33'18"W 116°33'9"W 116°33'W 116°32'51"W

38°6'18"N 38°6'9"N 38°6'N 38°5'51"N 38°5'42"N 38°5'33"N 38°5'24"N

274

275

3N 48E 13

BLM

CS3

3N 48E 24

N

W E

S

Feet

0 200 400 600 800 1,000

Meters

0 50 100 150 200 250

TITLE

Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS3 Segment

PREPARED FOR	SCALE
DOE	1 : 5,000
DATE	VERSION
MARCH 2008	LEX20080317-001
SOURCE	
PHE PROJECT TEAM	SHEET 275 OF 512

116°34'21"W 116°34'12"W 116°34'3"W 116°33'54"W 116°33'45"W 116°33'36"W

38°5'33"N 38°5'24"N 38°5'15"N 38°5'6"N 38°4'57"N 38°4'48"N 38°4'39"N

275
276
277
CS3

3N 48E 23
3N 48E 24
3N 48E 26
3N 48E 25

BLM

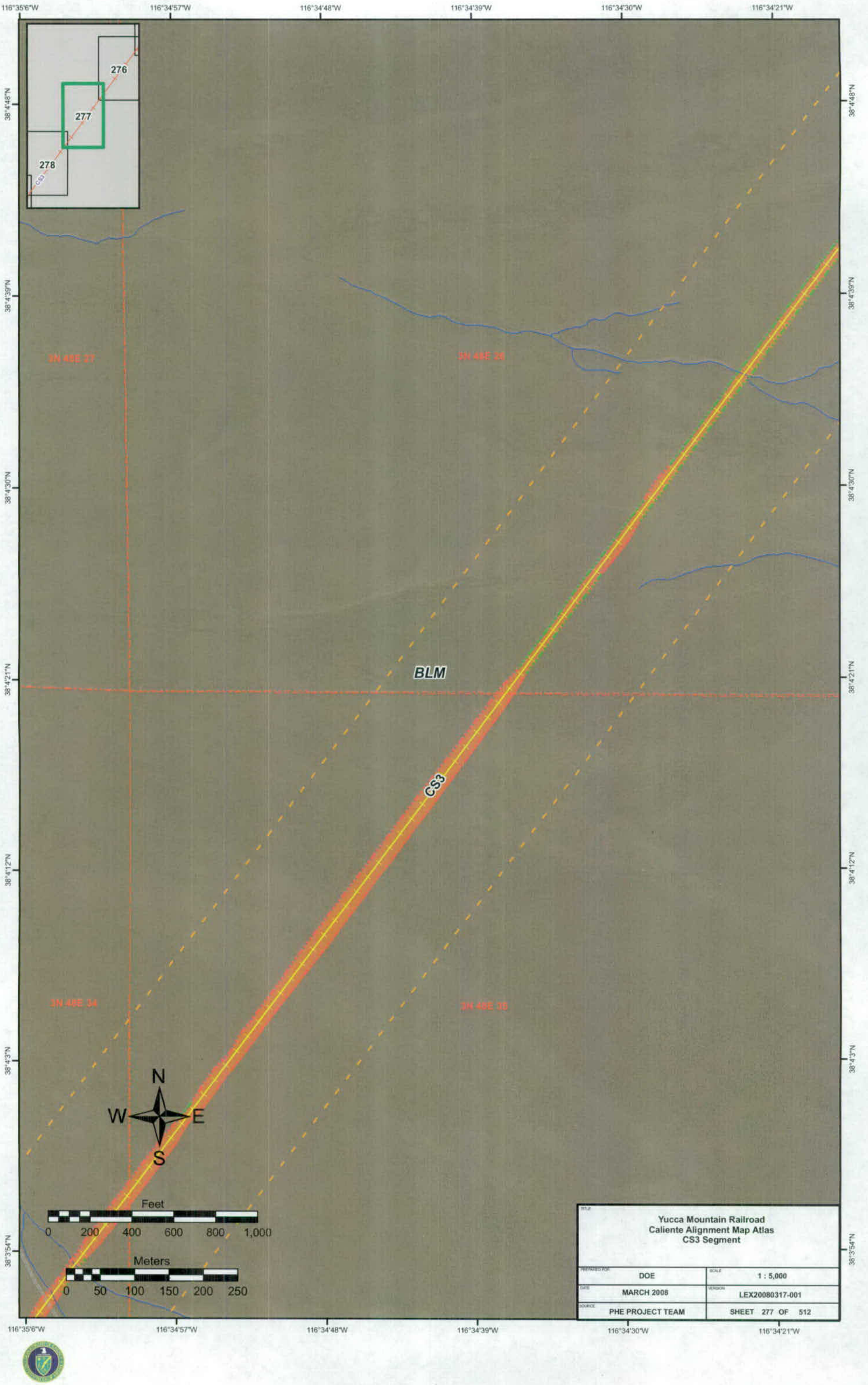
CS3

N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas CS3 Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 276 OF 512



Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS3 Segment

PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 277 OF 512

116°35'42"W 116°35'33"W 116°35'24"W 116°35'15"W 116°35'6"W

38°4'3"N 38°3'54"N 38°3'45"N 38°3'36"N 38°3'27"N 38°3'18"N 38°3'9"N

277
278
279
CS3

3N 48E 34

BLM

CS3

2N 48E 03

N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas CS3 Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 278 OF 512

116°36'27"W
116°36'18"W
116°36'9"W
116°36'W
116°35'51"W

38°3'18"N
38°3'9"N
38°3'N
38°2'51"N
38°2'42"N
38°2'33"N
38°2'24"N

278
279
280
CS3

2N 48E 04
2N 48E 03
2N 48E 09
2N 48E 10

BLM

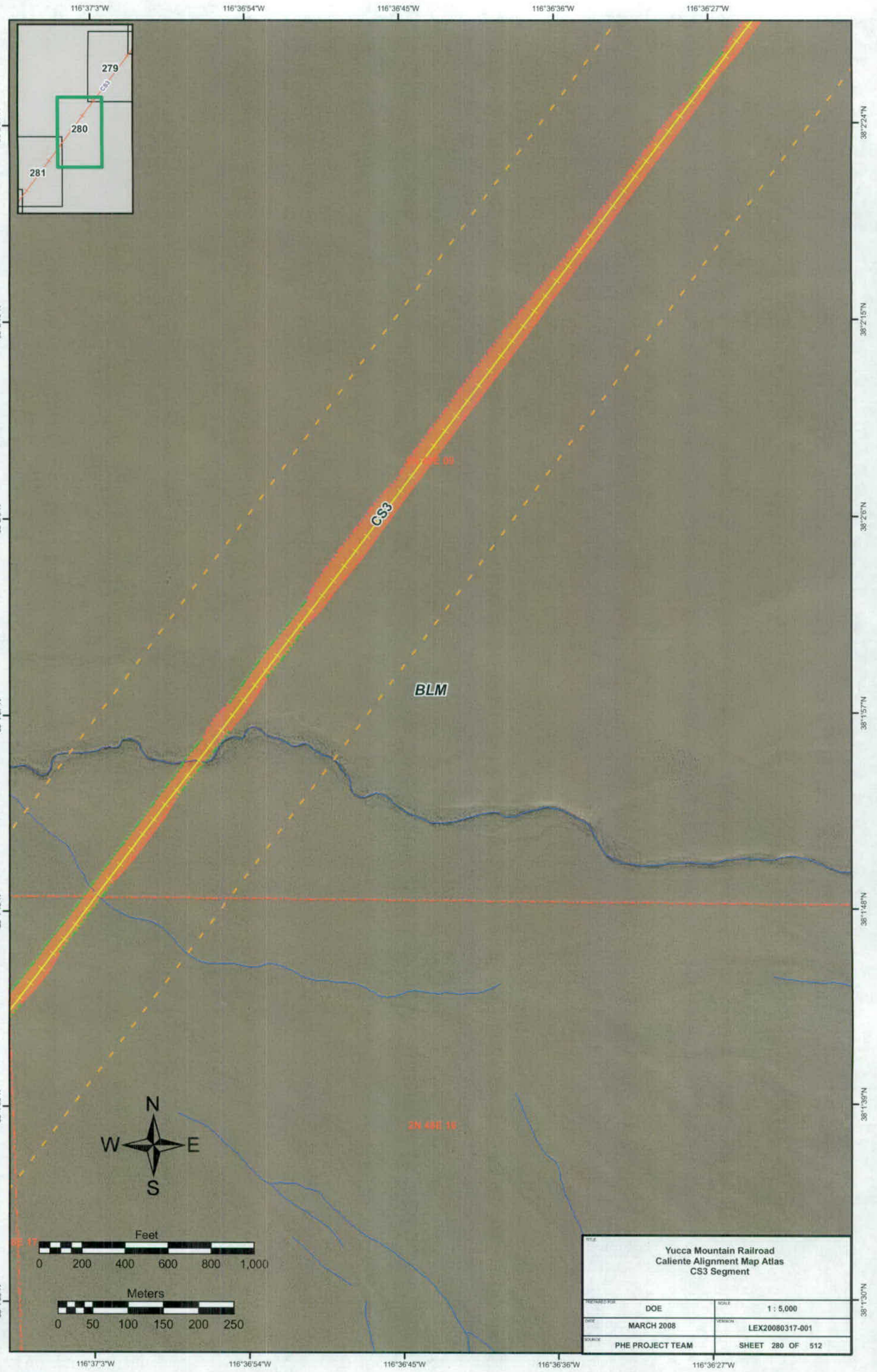
CS3

N
W
E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas CS3 Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 279 OF 512


116°37'3"W
116°36'54"W
116°36'45"W
116°36'36"W
116°36'27"W
38°2'24"N
38°2'15"N
38°2'6"N
38°1'57"N
38°1'48"N
38°1'39"N
38°1'30"N
279
280
281
CS3
CS3
BLM
2N 48E 16
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS3 Segment
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 280 OF 512

116°37'48"W 116°37'39"W 116°37'30"W 116°37'21"W 116°37'12"W 116°37'3"W

38°1'48"N 38°1'39"N 38°1'30"N 38°1'21"N 38°1'12"N 38°1'3"N 38°0'54"N

280 281 282

2N 48E 08 2N 48E 09 2N 48E 16 2N 48E 17 2N 48E 20

BLM

CS3

Construction Camp 7

N W E S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS3 Segment

DOE	1 : 5,000
MARCH 2008	LEX20080317-001
PHE PROJECT TEAM	SHEET 281 OF 512

116°38'33"W 116°38'24"W 116°38'15"W 116°38'6"W 116°37'57"W 116°37'48"W

38°1'3"N 38°0'54"N 38°0'45"N 38°0'36"N 38°0'27"N 38°0'18"N 38°0'9"N

281

282

2N 40E 18

2N 40E 17

Construction Camp 7

BLM

CS3

2N 40E 19

2N 40E 20

N

W E

S

Feet

0 200 400 600 800 1,000

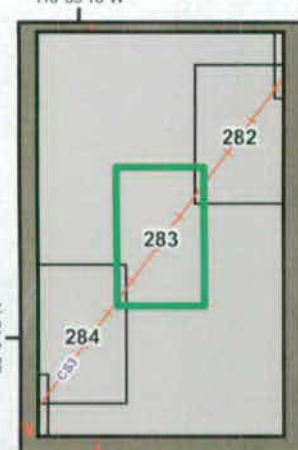
Meters

0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas CS3 Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 282 OF 512

116°39'18"W 116°39'9"W 116°39'W 116°38'51"W 116°38'42"W 116°38'33"W

38°0'18"N 38°0'9"N 38°N 37°59'51"N 37°59'42"N 37°59'33"N 37°59'24"N



2N 48E 19

BLM

CS3

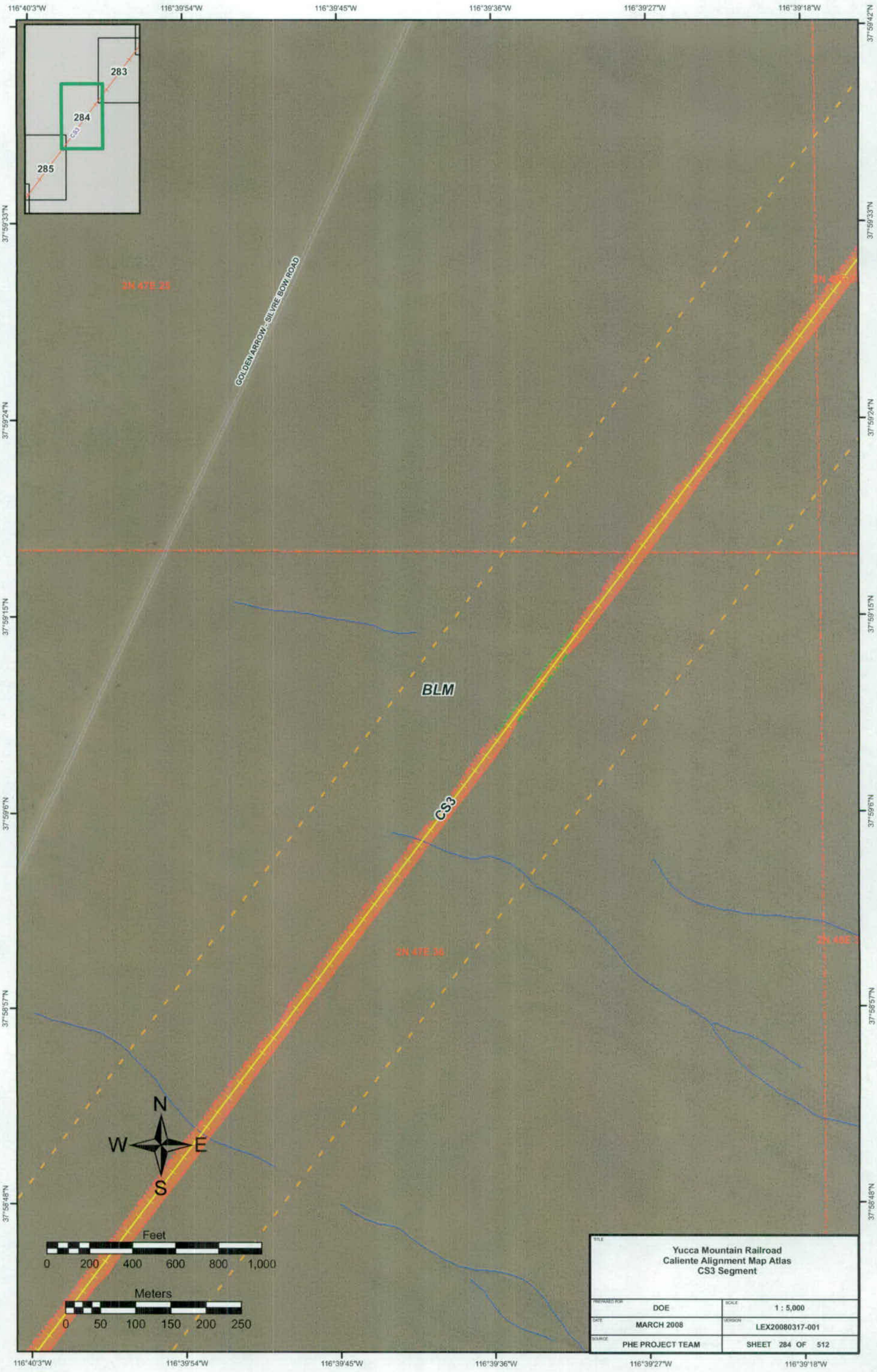
2N 48E 30

N
W E
S

Feet
0 200 400 600 800 1,000

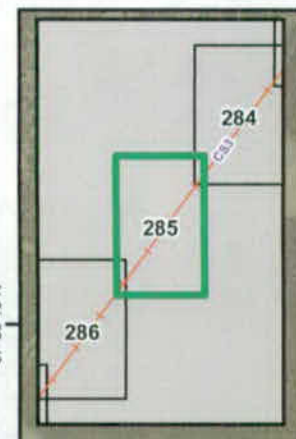
Meters
0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas CS3 Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 283 OF 512


116°40'3"W
116°39'54"W
116°39'45"W
116°39'36"W
116°39'27"W
116°39'18"W
37°59'42"N
37°59'33"N
37°59'24"N
37°59'15"N
37°59'6"N
37°58'57"N
37°58'48"N
283
284
285
CS3
2N 47E 25
GOLDEN ARROW - SILVER BOW ROAD
BLM
2N 47E 36
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS3 Segment
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 284 OF 512

116°40'39"W 116°40'30"W 116°40'21"W 116°40'12"W 116°40'3"W

37°58'48"N 37°58'39"N 37°58'30"N 37°58'21"N 37°58'12"N 37°58'3"N 37°57'54"N



1N 47E 35 1N 47E 36

GOLDEN ARROW - SILVRE BOW ROAD

BLM

CS3

1N 47E 02 1N 47E 01

N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas CS3 Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 285 OF 512

116°41'24"W 116°41'15"W 116°41'6"W 116°40'57"W 116°40'48"W

37°58'3"N
37°57'54"N
37°57'45"N
37°57'36"N
37°57'27"N
37°57'18"N
37°57'9"N

285
286
287
CS3

1N 47E 03
1N 47E 02
1N 47E 10
1N 47E 11

BLM

GOLDEN ARROW - SILVER BOW ROAD

CS3

N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas CS3 Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 286 OF 512

116°42'9"W 116°42'W 116°41'51"W 116°41'42"W 116°41'33"W

37°57'18"N 37°57'9"N 37°57'N 37°56'51"N 37°56'42"N 37°56'33"N 37°56'24"N

286
287
288
CS3

1N 47E 10
1N 47E 1
1N 47E 15

BLM

CS3

GOLDEN ARROW - SILVRE BOW ROAD

N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas CS3 Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 287 OF 512

TITLE	
Yucca Mountain Railroad Caliente Alignment Map Atlas CS3 Segment	
PREPARED FOR DOE	SCALE 1 : 5,000
DATE MARCH 2008	VERSION LEX20080317-001
SOURCE PHE PROJECT TEAM	SHEET 288 OF 512

116°42'54"W 116°42'45"W 116°42'36"W 116°42'27"W 116°42'18"W

37°55'39"N 37°55'48"N 37°55'57"N 37°56'6"N 37°56'15"N 37°56'24"N 37°56'33"N

0 50 100 150 200 250
Meters

0 200 400 600 800 1,000
Feet

N
S
E
W

1N 47E 22
1N 47E 21
1N 47E 15
1N 47E 16

CS3
BLM
GOLDEN ARROW - SILVER BOW ROAD

289
288
287
CS3

116°43'39"W 116°43'30"W 116°43'21"W 116°43'12"W 116°43'3"W 116°42'54"W

37°55'48"N 37°55'39"N 37°55'30"N 37°55'21"N 37°55'12"N 37°55'3"N 37°54'54"N

1N 47E 16

GOLDEN ARROW - SILVRE BOW ROAD

47E 20

1N 47E 21

BLM

CS3

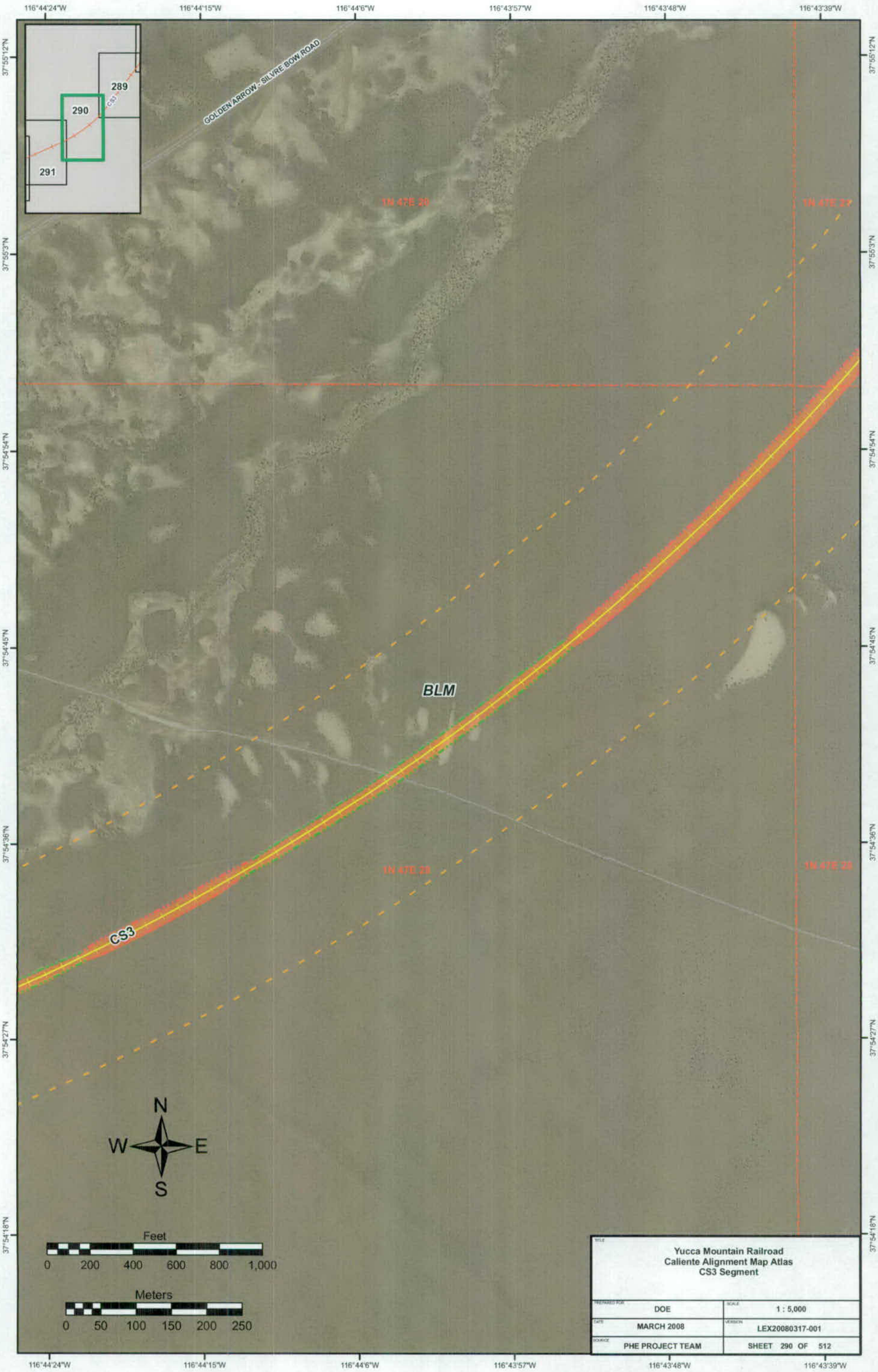
1N 47E 29

N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas CS3 Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 289 OF 512



Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS3 Segment

PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 290 OF 512

116°45'9"W 116°45'W 116°44'51"W 116°44'42"W 116°44'33"W 116°44'24"W

37°54'45"N 37°54'36"N 37°54'27"N 37°54'18"N 37°54'9"N 37°54'N 37°53'51"N

290 292 291 CS3

1N 47E 29 1N 47E 30 CS3 BLM

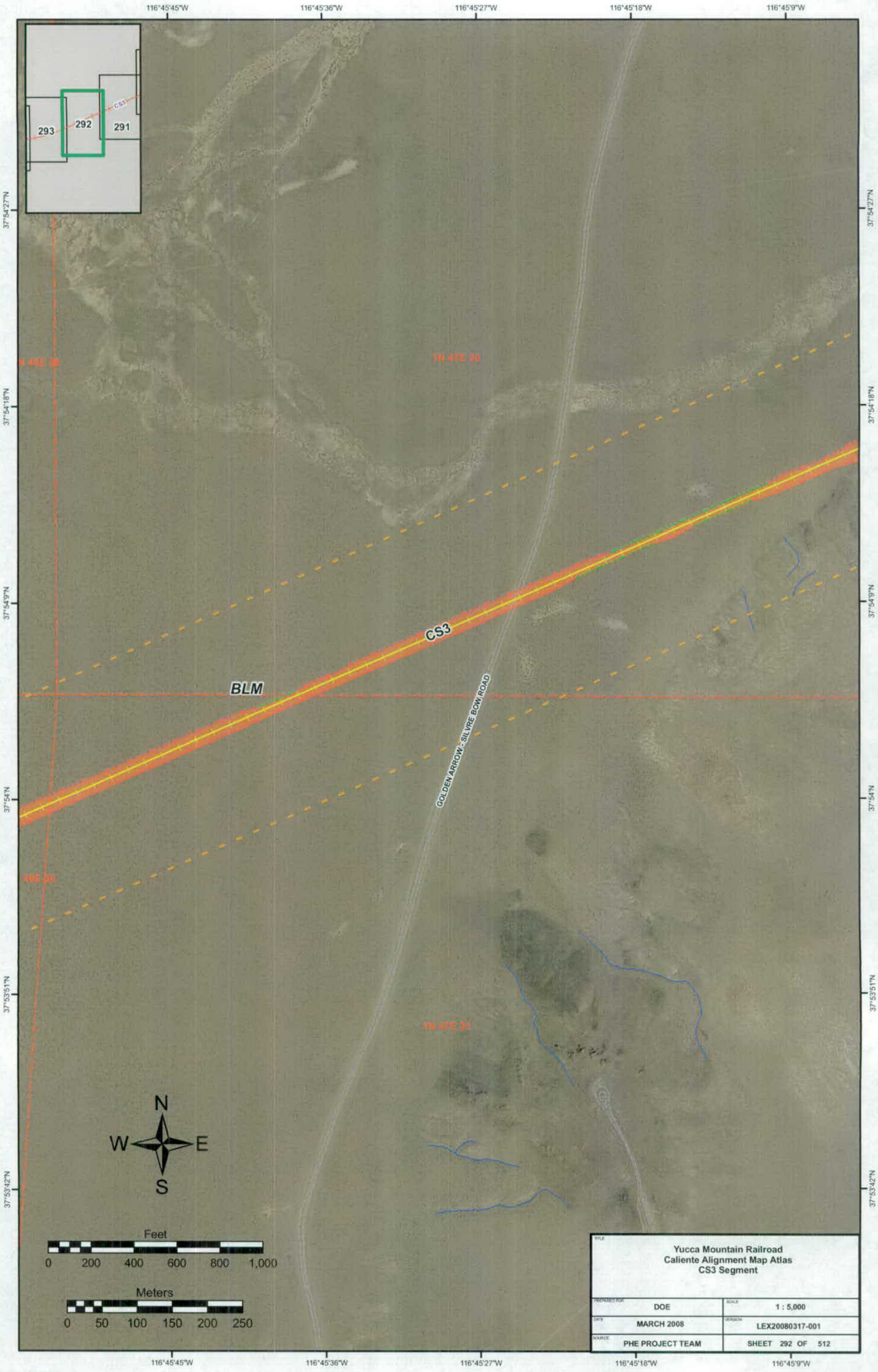
N W E S

1N 47E 31 1N 47E 32

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas CS3 Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 291 OF 512


116°45'45"W
116°45'36"W
116°45'27"W
116°45'18"W
116°45'9"W
37°54'27"N
37°54'18"N
37°54'9"N
37°54'N
37°53'51"N
37°53'42"N
293
292
291
CS3
1N 47E 30
BLM
CS3
GOLDEN ARROW - SILVER BOW ROAD
1N 47E 31
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS3 Segment
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 292 OF 512

116°46'30"W 116°46'21"W 116°46'12"W 116°46'3"W 116°45'54"W

37°54'27"N 37°54'18"N 37°54'9"N 37°54'N 37°53'51"N 37°53'42"N 37°53'33"N

294 293 292

1N 46E 25 1N 47E 30

BLM

CS3

1N 46E 36 1N 47E 31

Pipeline

PAVED ACCESS ROAD TO NJTR

N W E S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas CS3 Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 293 OF 512

116°47'15"W 116°47'6"W 116°46'57"W 116°46'48"W 116°46'39"W

37°54'18"N 37°54'9"N 37°54'N 37°53'51"N 37°53'42"N 37°53'33"N 37°53'24"N

295 293

1N 46E 26 1N 46E 25

Pipeline

PAVED ACCESS ROAD TO NTTR

BLM

CS3

1N 46E 35 1N 46E 36

N W E S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas CS3 Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 294 OF 512

116°48'W 116°47'51"W 116°47'42"W 116°47'33"W 116°47'24"W

37°54'18"N 37°54'9"N 37°54'N 37°53'51"N 37°53'42"N 37°53'33"N 37°53'24"N

296 295 CS3 294

1N 46E 26

BLM

CS3

Maintenance-of-Way
Trackside Facility
(GF 1&3 option)

1N 46E 35

N
W E
S

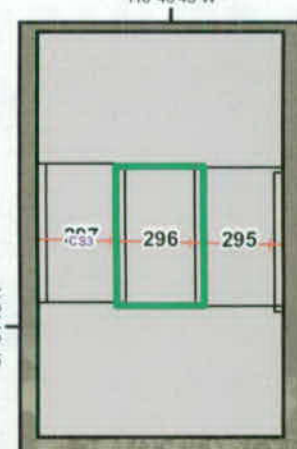
Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas CS3 Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 295 OF 512

116°48'45"W 116°48'36"W 116°48'27"W 116°48'18"W 116°48'9"W

37°54'18"N 37°54'9"N 37°54'N 37°53'51"N 37°53'42"N 37°53'33"N 37°53'24"N



1N 46E 27

1N 46E 26

BLM

CS3

1N 46E 34

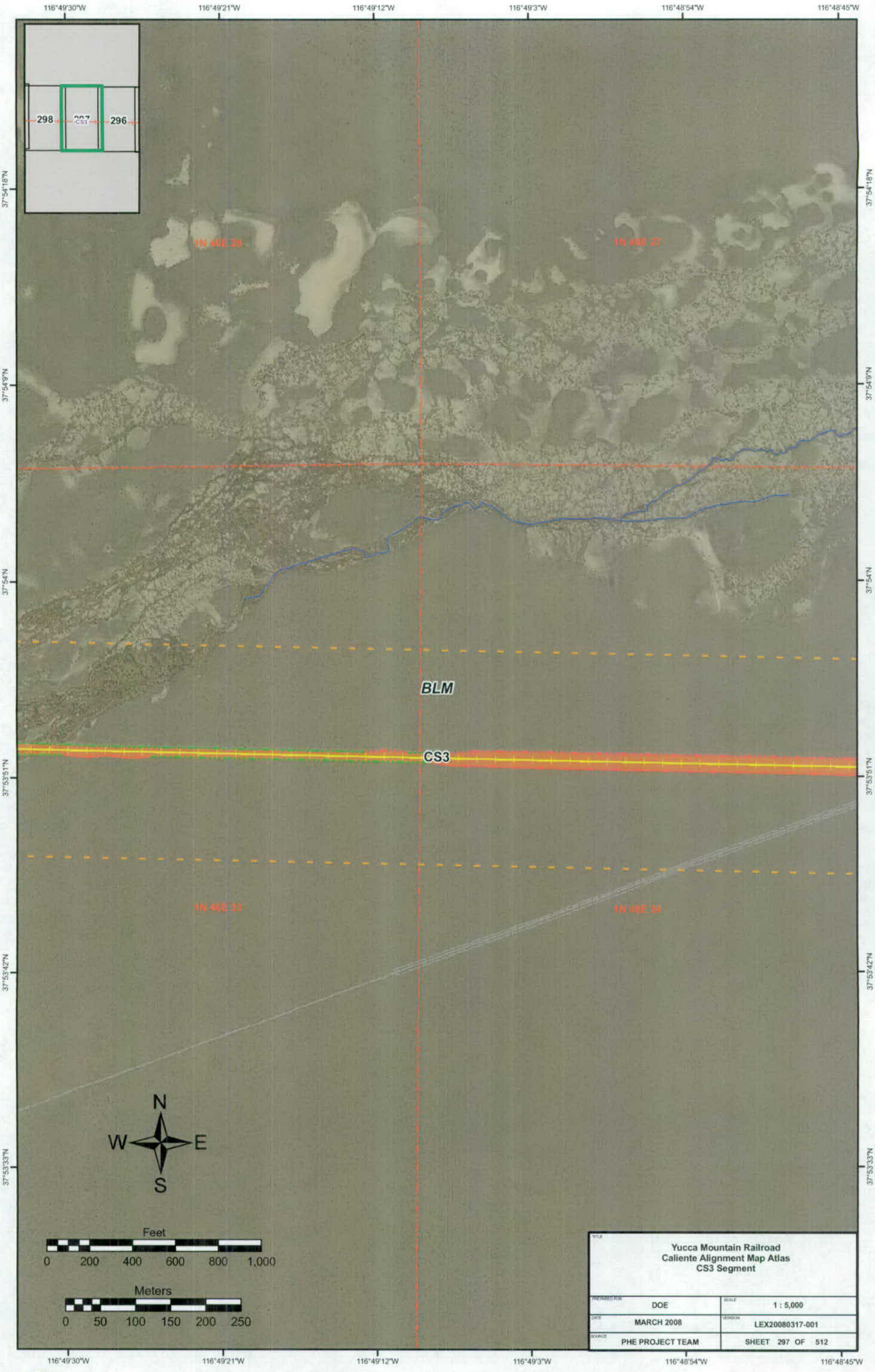
1N 46E 35

N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas CS3 Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 296 OF 512



TITLE	Yucca Mountain Railroad Caliente Alignment Map Atlas CS3 Segment
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 297 OF 512

116°50'15"W 116°50'6"W 116°49'57"W 116°49'48"W 116°49'39"W 116°49'30"W

37°54'18"N 37°54'9"N 37°54'N 37°53'51"N 37°53'42"N 37°53'33"N

299 297

1N 46E 28

1N 46E 33

BLM

CS3

N

W E

S

Feet

0 200 400 600 800 1,000

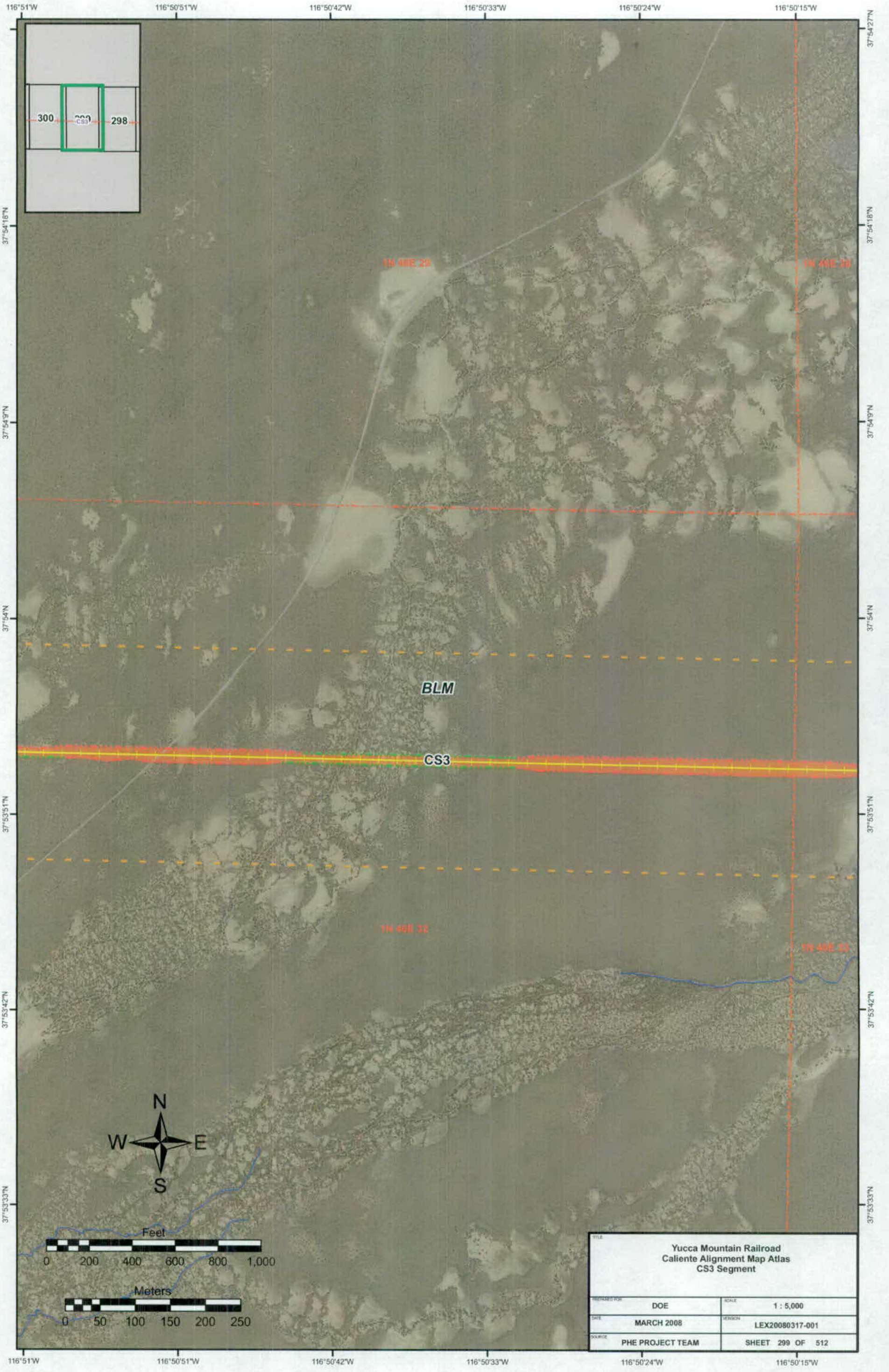
Meters

0 50 100 150 200 250

TITLE

Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS3 Segment

PREPARED FOR	SCALE
DOE	1 : 5,000
DATE	VERSION
MARCH 2008	LEX20080317-001
SOURCE	
PHE PROJECT TEAM	SHEET 298 OF 512



Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS3 Segment

PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 299 OF 512

116°51'36"W 116°51'27"W 116°51'18"W 116°51'9"W 116°51'W

37°54'27"N 37°54'18"N 37°54'9"N 37°54'N 37°53'51"N 37°53'42"N 37°53'33"N

300 299

1N 46E 30 1N 46E 29

BLM

CS3

1N 46E 31 1N 46E 32

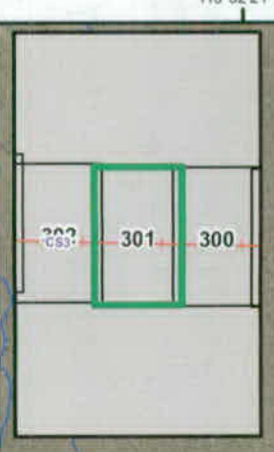
N W E S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas CS3 Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 300 OF 512

116°52'21"W
116°52'12"W
116°52'3"W
116°51'54"W
116°51'45"W
37°54'27"N
37°54'18"N
37°54'9"N
37°54'N
37°53'51"N
37°53'42"N
37°53'33"N



1N 48E 30

BLM

CS3

1N 48E 31

N
W
E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas CS3 Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 301 OF 512

116°53'6"W
116°52'57"W
116°52'48"W
116°52'39"W
116°52'30"W
37°54'27"N
37°54'18"N
37°54'9"N
37°54'N
37°53'51"N
37°53'42"N
37°53'33"N

303
302
301
CS3

1N 45E 25
1N 45E 30
1N 44E 36
1N 44E 31
BLM
CS3

N
W
E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS3 Segment

PREPARED FOR	DOE	SCALE	1 : 5,000
DATE	MARCH 2008	VERSION	LEX20080317-001
SOURCE	PHE PROJECT TEAM		SHEET 302 OF 512

116°53'51"W 116°53'42"W 116°53'33"W 116°53'24"W 116°53'15"W

37°54'27"N 37°54'18"N 37°54'9"N 37°54'N 37°53'51"N 37°53'42"N

304 303 302

CS3

1N 45E 26 1N 45E 25

BLM

CS3

1N 45E 35 1N 45E 36

N W E S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas CS3 Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 303 OF 512

116°54'36"W 116°54'27"W 116°54'18"W 116°54'9"W 116°54'W 116°53'51"W

37°54'36"N 37°54'27"N 37°54'18"N 37°54'9"N 37°54'N 37°53'51"N 37°53'42"N

305 304 303 CS3

1N 48E 26

Potential Siding Location

BLM

CS3

1N 49E 30

N W E S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas CS3 Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 304 OF 512

116°55'21"W 116°55'12"W 116°55'3"W 116°54'54"W 116°54'45"W 116°54'36"W

37°54'45"N 37°54'36"N 37°54'27"N 37°54'18"N 37°54'9"N 37°54'N 37°53'51"N

306 305 304

CS3

1N 43E 27 1N 43E 26

BLM

Potential Siding Location

CS3

1N 43E 34 1N 43E 35

N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas CS3 Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 305 OF 512

116°56'6"W 116°55'57"W 116°55'48"W 116°55'39"W 116°55'30"W 116°55'21"W

37°54'45"N 37°54'36"N 37°54'27"N 37°54'18"N 37°54'9"N 37°54'N 37°53'51"N

307 306 305

1N 45E 26 1N 45E 27

BLM

CS3

Potential Siding Location

1N 45E 33 1N 45E 34

N W E S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas CS3 Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 306 OF 512

116°56'51"W 116°56'42"W 116°56'33"W 116°56'24"W 116°56'15"W 116°56'6"W

37°54'54"N 37°54'45"N 37°54'36"N 37°54'27"N 37°54'18"N 37°54'9"N 37°54'N

308

307

1N 43E 20

BLM

CS3

1N 43E 33

N

W E

S

Feet

0 200 400 600 800 1,000

Meters

0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas CS3 Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 307 OF 512

116°57'27"W 116°57'18"W 116°57'9"W 116°57'W 116°56'51"W

37°55'3"N 37°54'54"N 37°54'45"N 37°54'36"N 37°54'27"N 37°54'18"N 37°54'9"N

1N 45E 20 1N 45E 21

309 308

BLM

1N 45E 29 1N 45E 28

CS3

1N 45E 32

N W E S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas CS3 Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 308 OF 512

116°58'12"W 116°58'3"W 116°57'54"W 116°57'45"W 116°57'36"W

310 309 308

CS3

1N 40E 19

1N 41E 25

37°55'3"N

37°54'54"N

37°54'45"N

37°54'36"N

37°54'27"N

37°54'18"N

BLM

CS3

1N 40E 30

1N 41E 29

N

W E

S

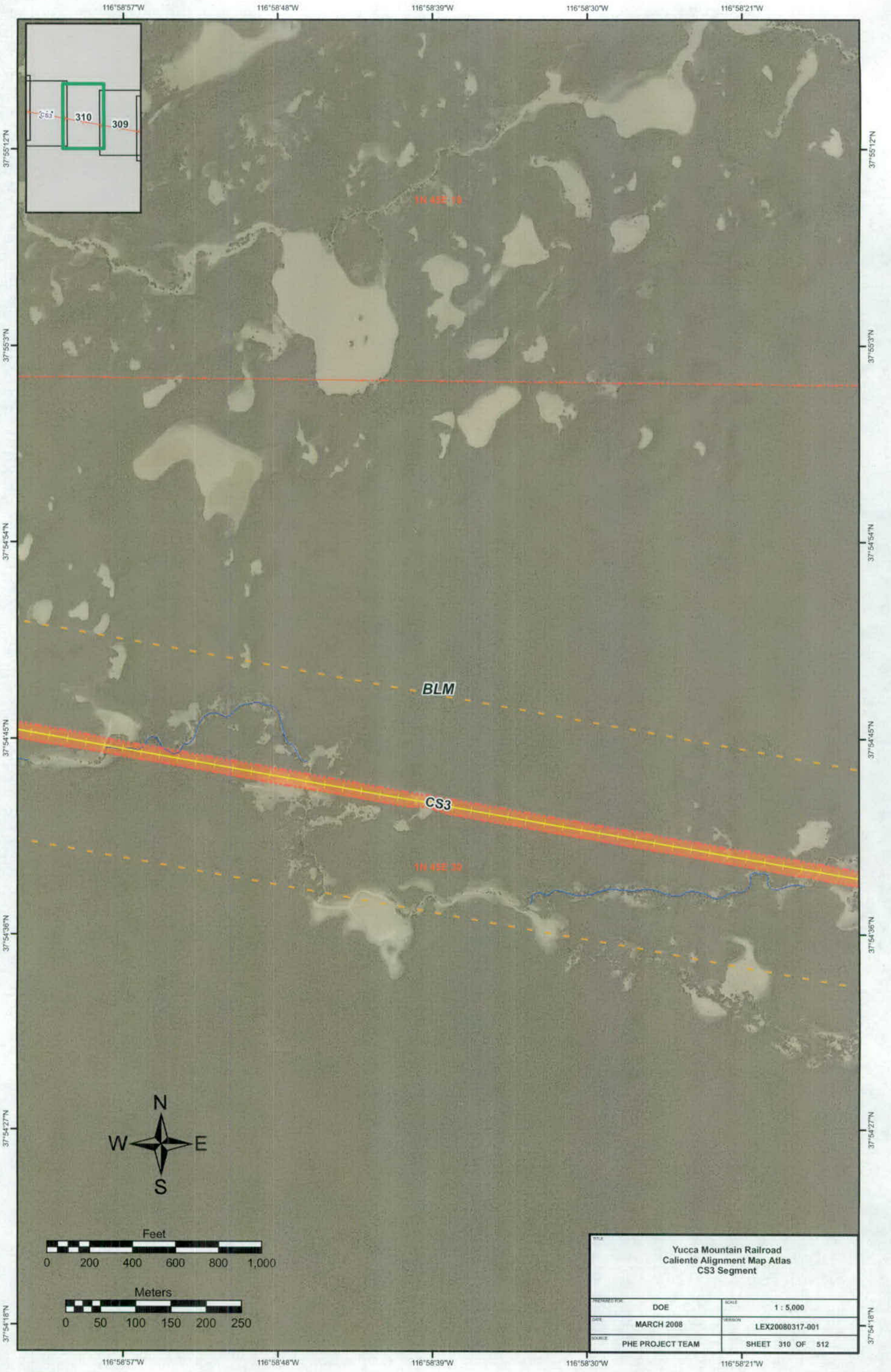
Feet

0 200 400 600 800 1,000

Meters

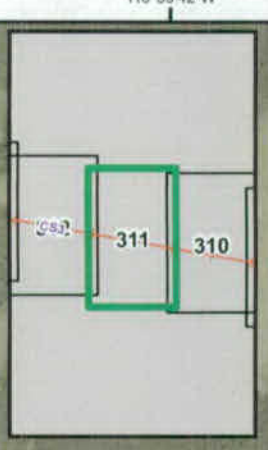
0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas CS3 Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 309 OF 512


116°58'57"W
116°58'48"W
116°58'39"W
116°58'30"W
116°58'21"W
37°55'12"N
37°55'3"N
37°54'54"N
37°54'45"N
37°54'36"N
37°54'27"N
37°54'18"N
310
309
1N 4SE 31
BLM
CS3
1N 4SE 32
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS3 Segment
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 310 OF 512

116°59'42"W 116°59'33"W 116°59'24"W 116°59'15"W 116°59'6"W

37°55'12"N 37°55'3"N 37°54'54"N 37°54'45"N 37°54'36"N 37°54'27"N



1N 44E 24

1N 45E 19

BLM

CS3

1N 44E 25

1N 45E 30

N
W E
S

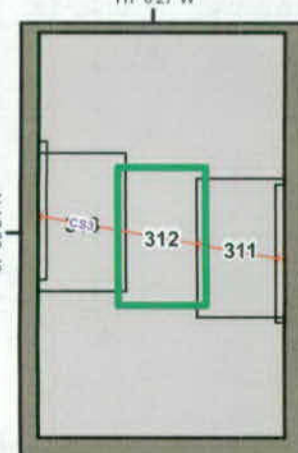
Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas CS3 Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 311 OF 512

117°0'27"W 117°0'18"W 117°0'9"W 117°W 116°59'51"W 116°59'42"W

37°55'21"N 37°55'12"N 37°55'3"N 37°54'54"N 37°54'45"N 37°54'36"N 37°54'27"N



1N 44E 23

1N 44E 24

1N 44E 26

1N 44E 25

BLM

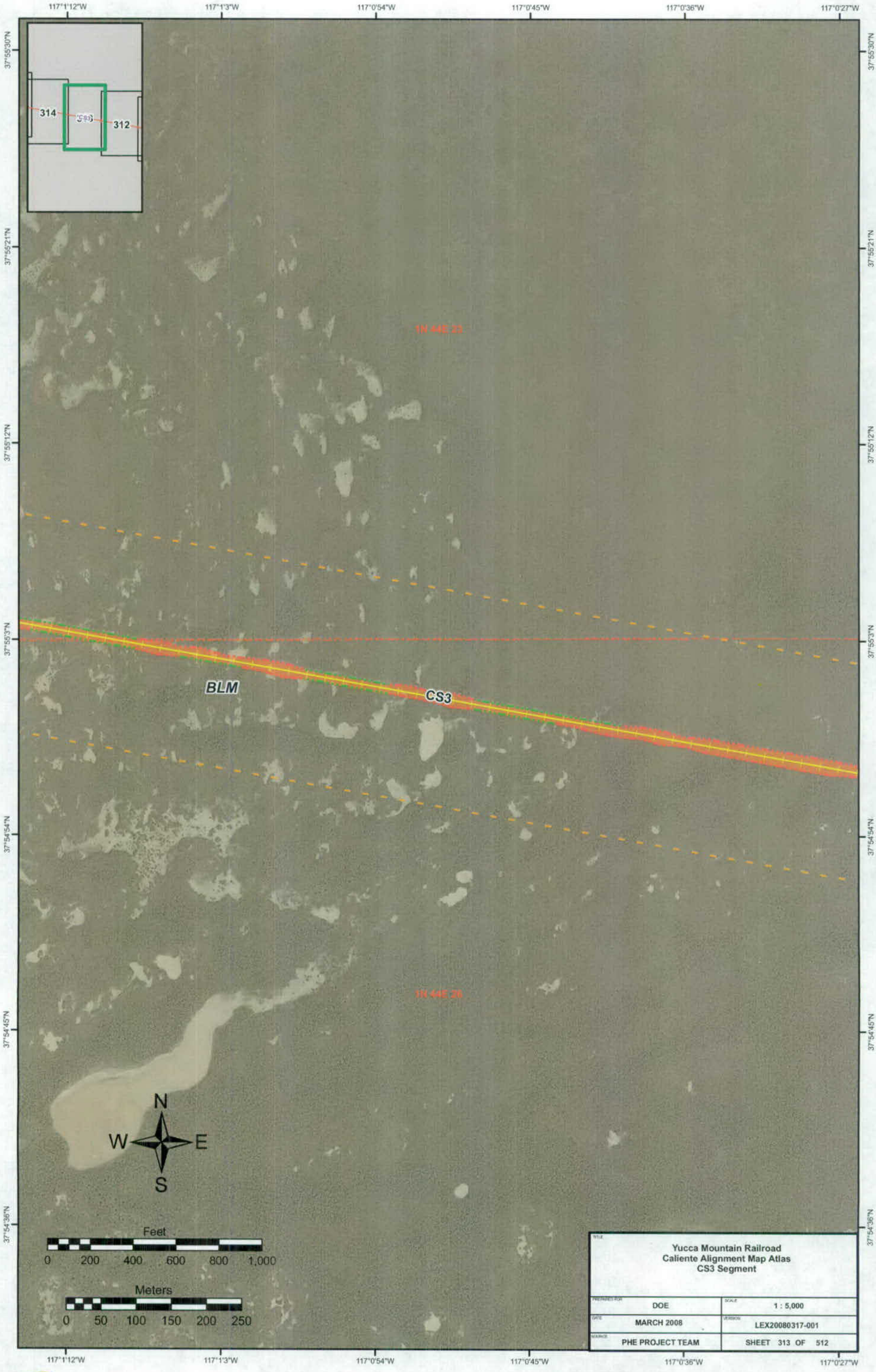
CS3

N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas CS3 Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 312 OF 512


117°1'12"W
117°1'3"W
117°0'54"W
117°0'45"W
117°0'36"W
117°0'27"W
37°55'30"N
37°55'21"N
37°55'12"N
37°55'3"N
37°54'54"N
37°54'45"N
37°54'36"N
314
312
1N 44E 23
1N 44E 26
BLM
CS3
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS3 Segment
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 313 OF 512

117°1'57"W
117°1'48"W
117°1'39"W
117°1'30"W
117°1'21"W
117°1'12"W
37°55'30"N
37°55'21"N
37°55'12"N
37°55'3"N
37°54'54"N
37°54'45"N
37°54'36"N
315
314
CS3
1N 44E 22
1N 44E 23
1N 44E 27
1N 44E 26
BLM
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS3 Segment
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 314 OF 512

117°2'42"W 117°2'33"W 117°2'24"W 117°2'15"W 117°2'6"W 117°1'57"W

37°55'39"N 37°55'30"N 37°55'21"N 37°55'12"N 37°55'3"N 37°54'54"N 37°54'45"N

316 315 314

1N 44E 21 1N 44E 22

Construction Camp 8

BLM

CS3

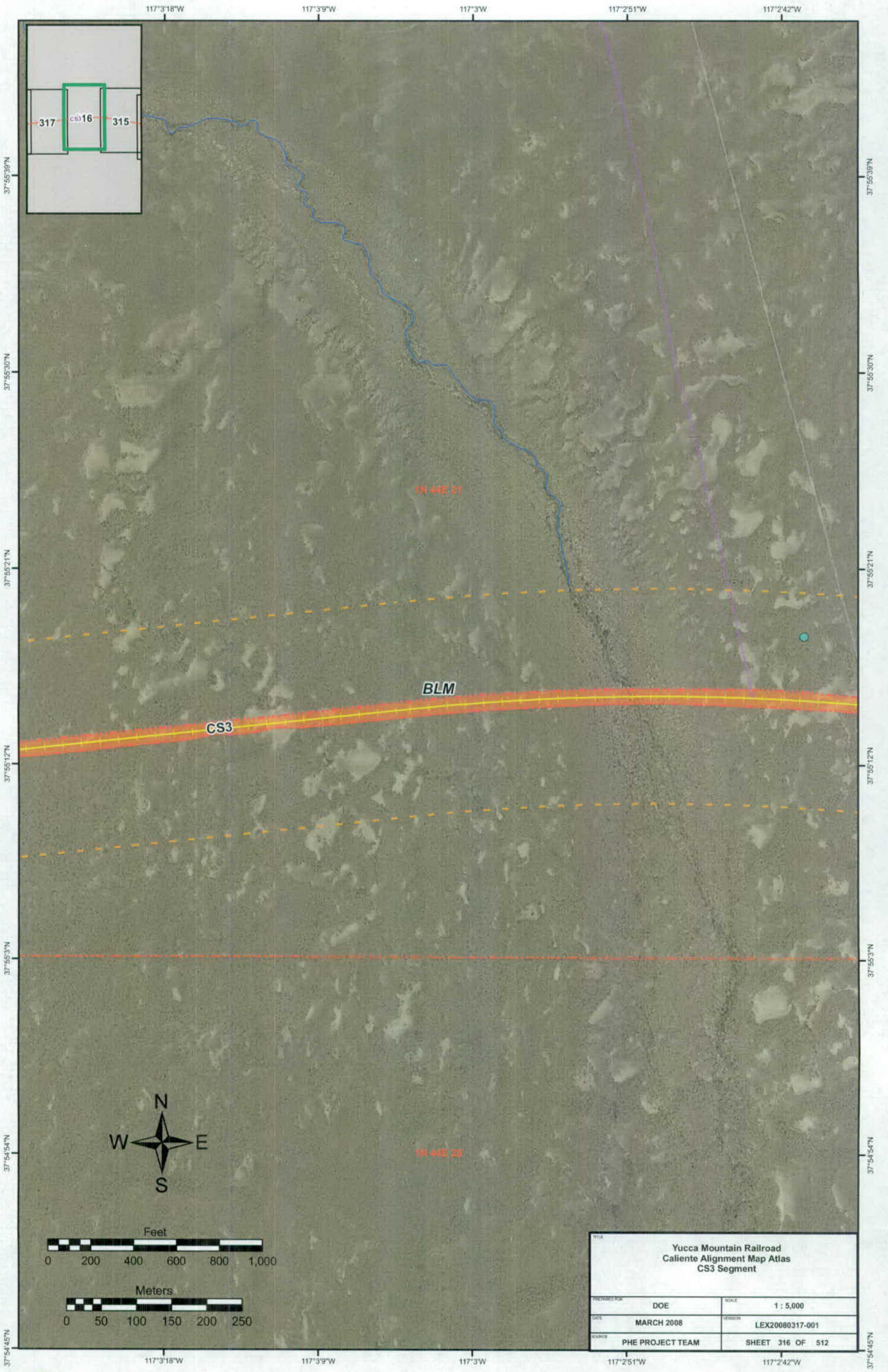
1N 44E 28 1N 44E 27

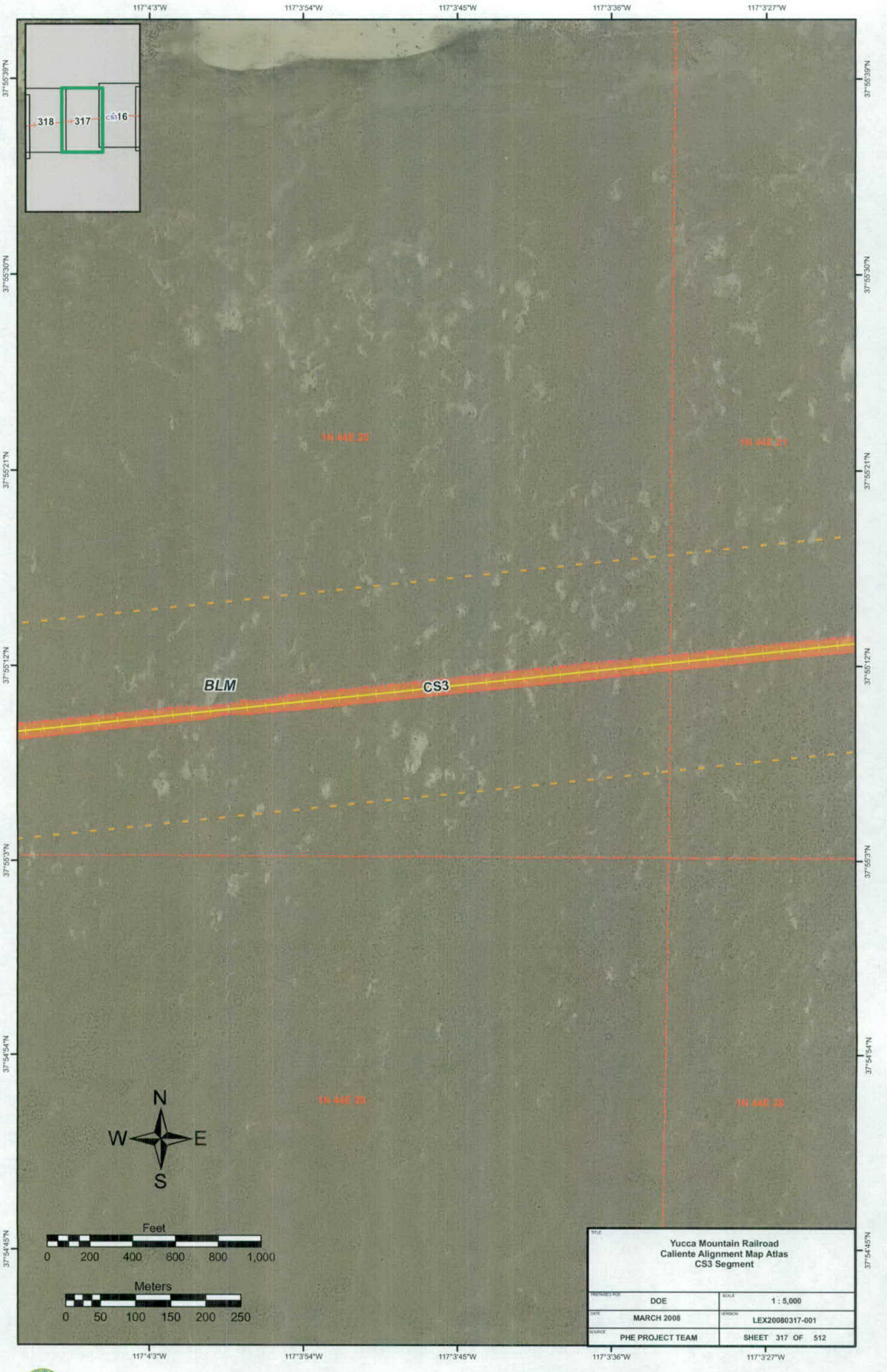
N W E S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas CS3 Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 315 OF 512


117°3'18"W
117°3'9"W
117°3'W
117°2'51"W
117°2'42"W
37°55'39"N
37°55'30"N
37°55'21"N
37°55'12"N
37°55'3"N
37°54'54"N
37°54'45"N
317
CS3 16
315
1N 44E 21
BLM
CS3
1N 44E 20
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS3 Segment
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 316 OF 512

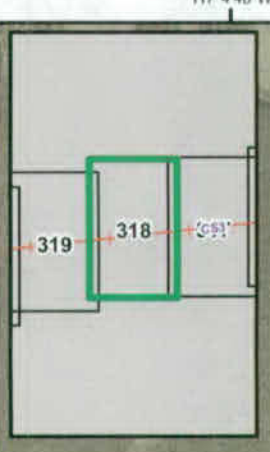


Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS3 Segment

PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 317 OF 512

117°4'48"W 117°4'39"W 117°4'30"W 117°4'21"W 117°4'12"W

37°55'39"N 37°55'30"N 37°55'21"N 37°55'12"N 37°55'3"N 37°54'54"N 37°54'45"N



1N 44E 19

1N 44E 20

BLM

CS3

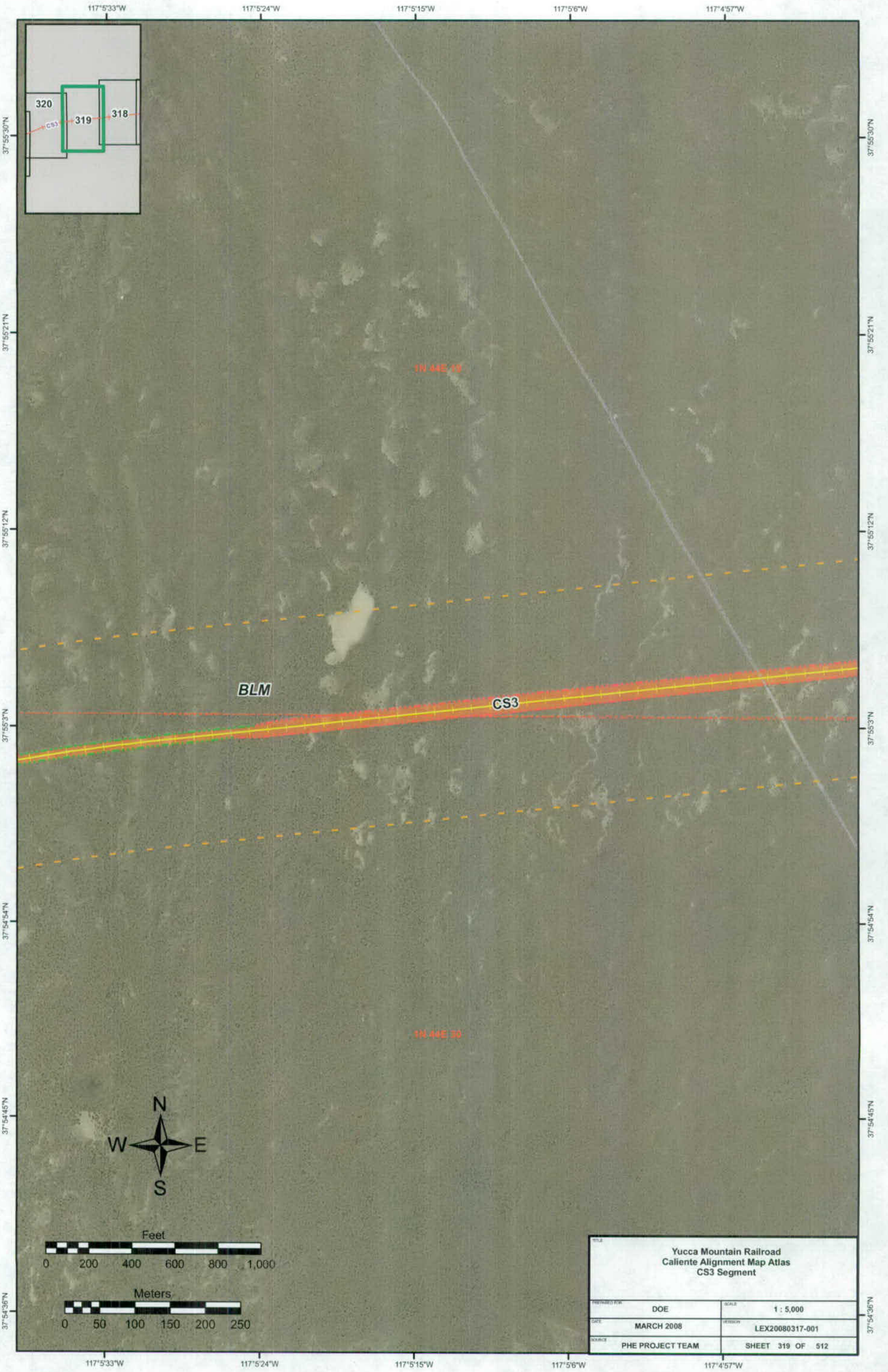
1N 44E 29

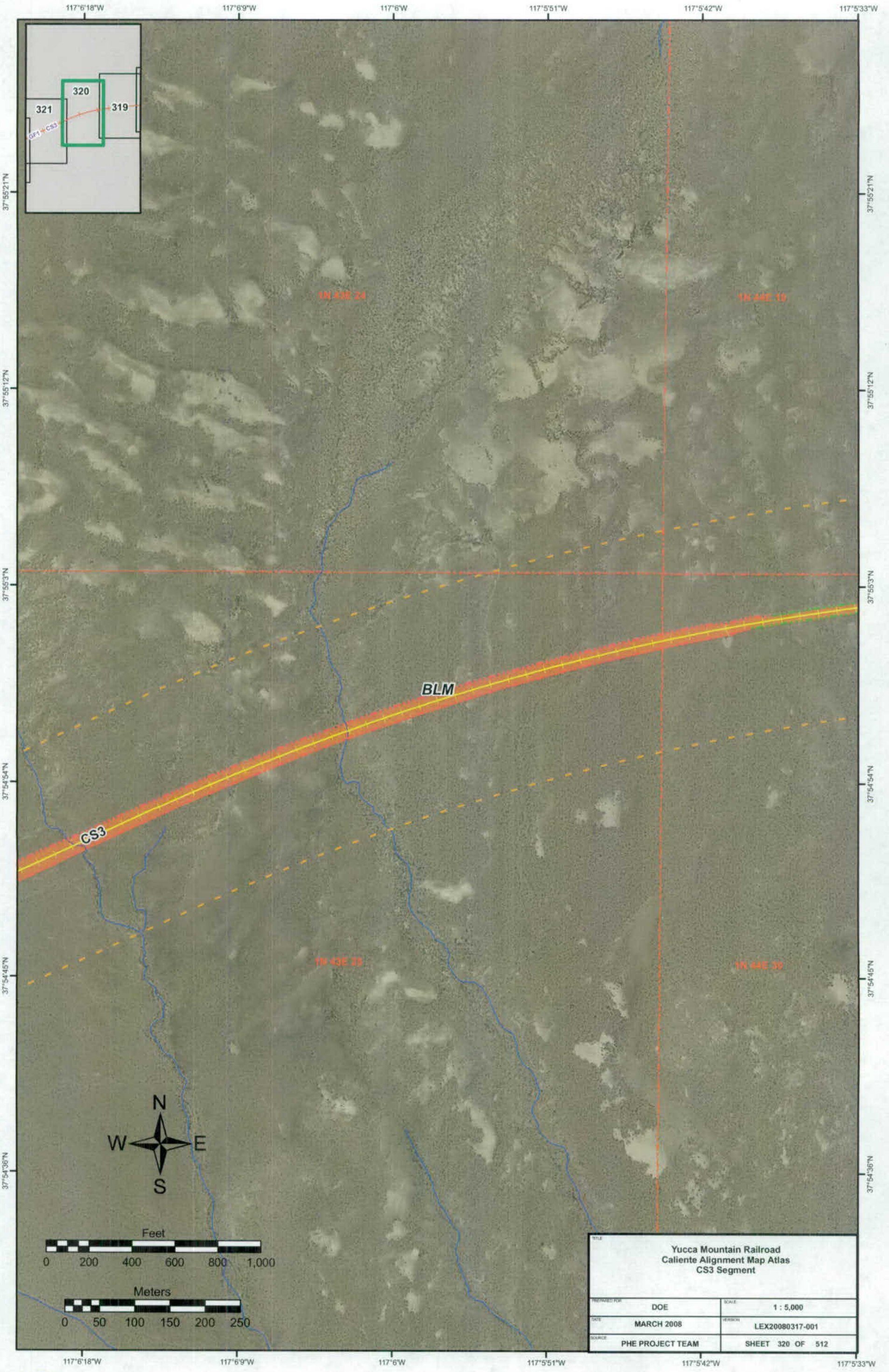
N
W E
S

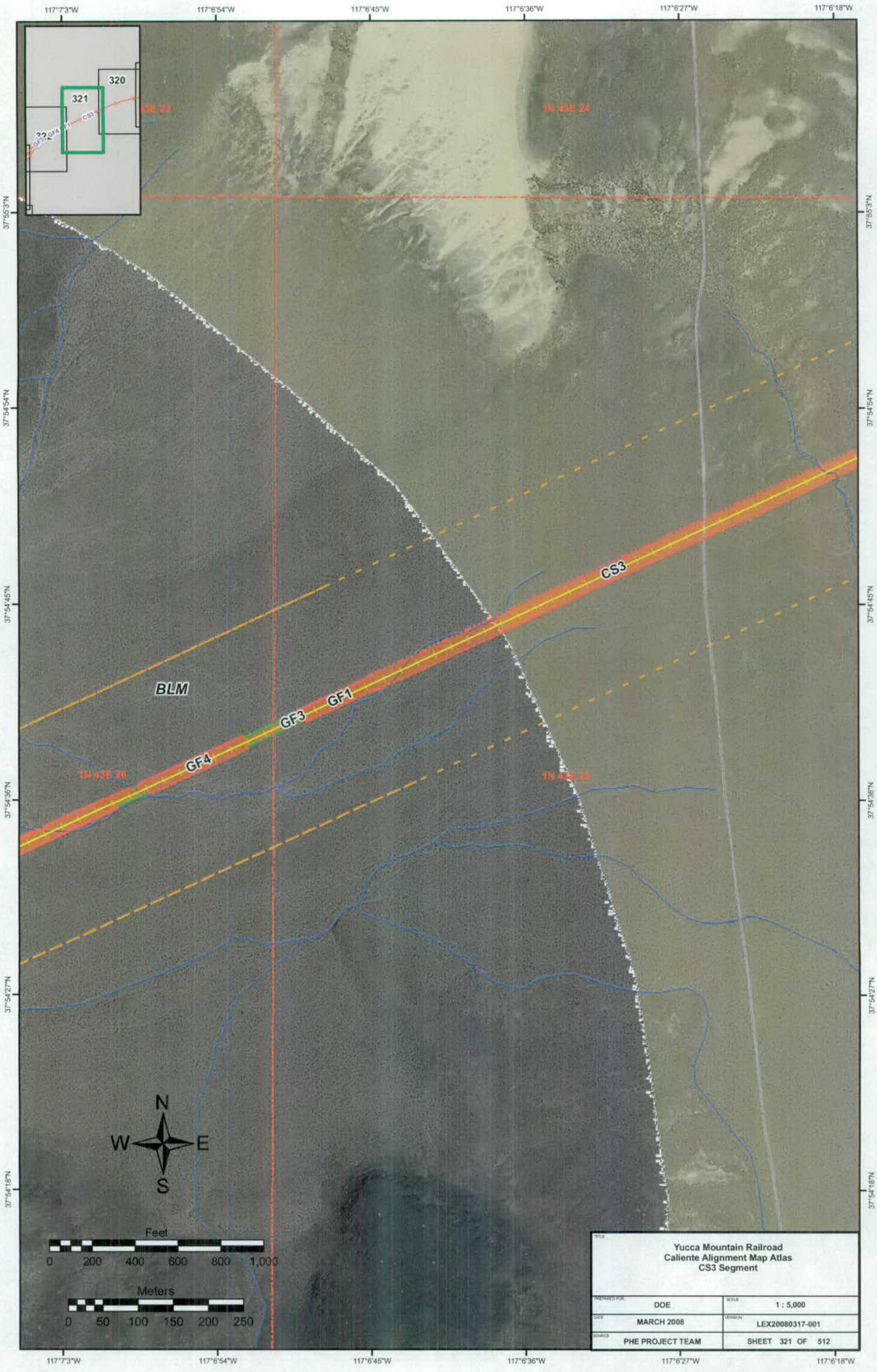
Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas CS3 Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 318 OF 512


117°5'33"W
117°5'24"W
117°5'15"W
117°5'6"W
117°4'57"W
37°55'30"N
37°55'21"N
37°55'12"N
37°55'3"N
37°54'54"N
37°54'45"N
37°54'36"N
320
319
318
CS3
1N 44E 19
BLM
CS3
1N 44E 30
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS3 Segment
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 319 OF 512


117°6'18"W
117°6'9"W
117°6'W
117°5'51"W
117°5'42"W
117°5'33"W
37°55'21"N
37°55'12"N
37°55'3"N
37°54'54"N
37°54'45"N
37°54'36"N
320
321
319
CP1
CS3
1N 43E 24
1N 44E 19
BLM
CS3
1N 43E 35
1N 44E 30
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS3 Segment
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 320 OF 512



TITLE	Yucca Mountain Railroad Caliente Alignment Map Atlas CS3 Segment
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 321 OF 512

117°7'48"W 117°7'39"W 117°7'30"W 117°7'21"W 117°7'12"W 117°7'3"W

37°54'45"N 37°54'36"N 37°54'27"N 37°54'18"N 37°54'9"N 37°54'N

321 322 323 350

CS3 GF4 GF3 GF1

1N 43E 26

GF1 GF3 GF4

BLM

1N 43E 35

N W E S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas GF1/GF3/GF4 Segments	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 322 OF 512

117°8'33"W 117°8'24"W 117°8'15"W 117°8'6"W 117°7'57"W 117°7'48"W

37°54'18"N 37°54'9"N 37°54'N 37°53'51"N 37°53'42"N 37°53'33"N 37°53'24"N

322 323 324 350

GF4 GF1 GF3

1N 43E 27 1N 43E 28 1N 43E 34 1N 43E 35 1S 43E 03

BLM

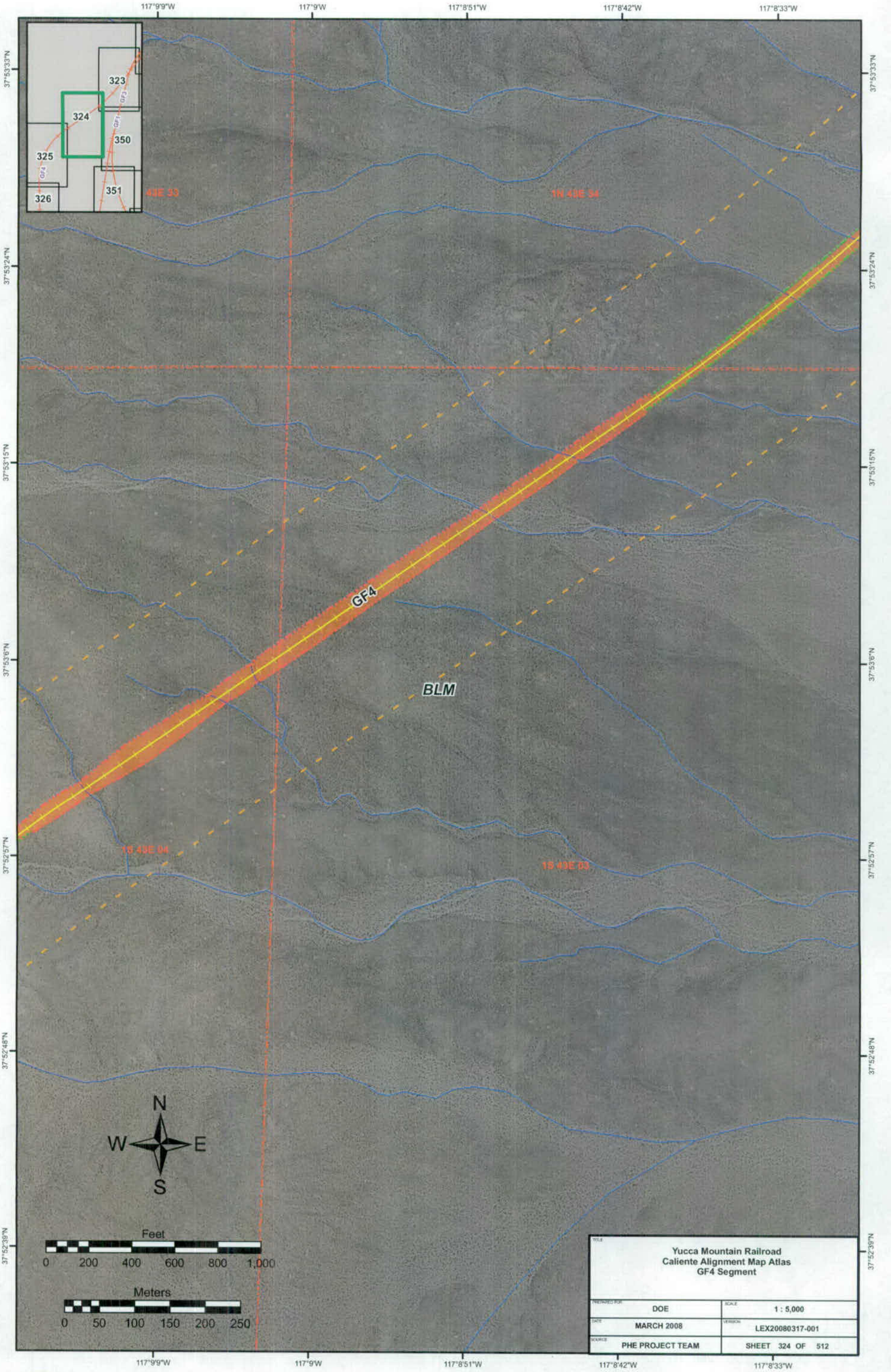
GF4 GF1 GF3

N W E S

Feet
0 200 400 600 800 1,000

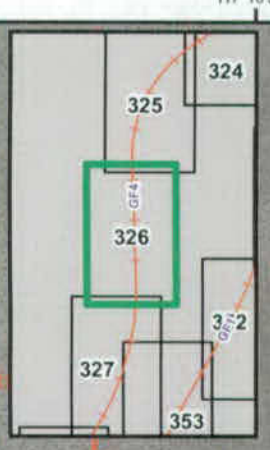
Meters
0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas GF1/GF3/GF4 Segments	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 323 OF 512


117°9'9"W
117°9'W
117°8'51"W
117°8'42"W
117°8'33"W
37°53'33"N
37°53'24"N
37°53'15"N
37°53'6"N
37°52'57"N
37°52'48"N
37°52'39"N
323
324
325
326
350
351
GF1
GF3
GF4
43E 33
1N 43E 34
GF4
BLM
15 43E 04
15 43E 03
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
GF4 Segment
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 324 OF 512

117°9'54"W
117°9'45"W
117°9'36"W
117°9'27"W
117°9'18"W
37°53'6"N
37°52'57"N
37°52'48"N
37°52'39"N
37°52'30"N
37°52'21"N
37°52'12"N
324
325
326
352
GF4
GF1
15 43E 04
BLM
15 43E 09
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
GF4
Yucca Mountain Railroad
Caliente Alignment Map Atlas
GF4 Segment
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 325 OF 512

117°10'3"W
117°9'54"W
117°9'45"W
117°9'36"W
117°9'27"W
37°52'3"N
37°51'54"N
37°51'45"N
37°51'36"N
37°51'27"N
37°51'18"N
37°51'9"N



GF4

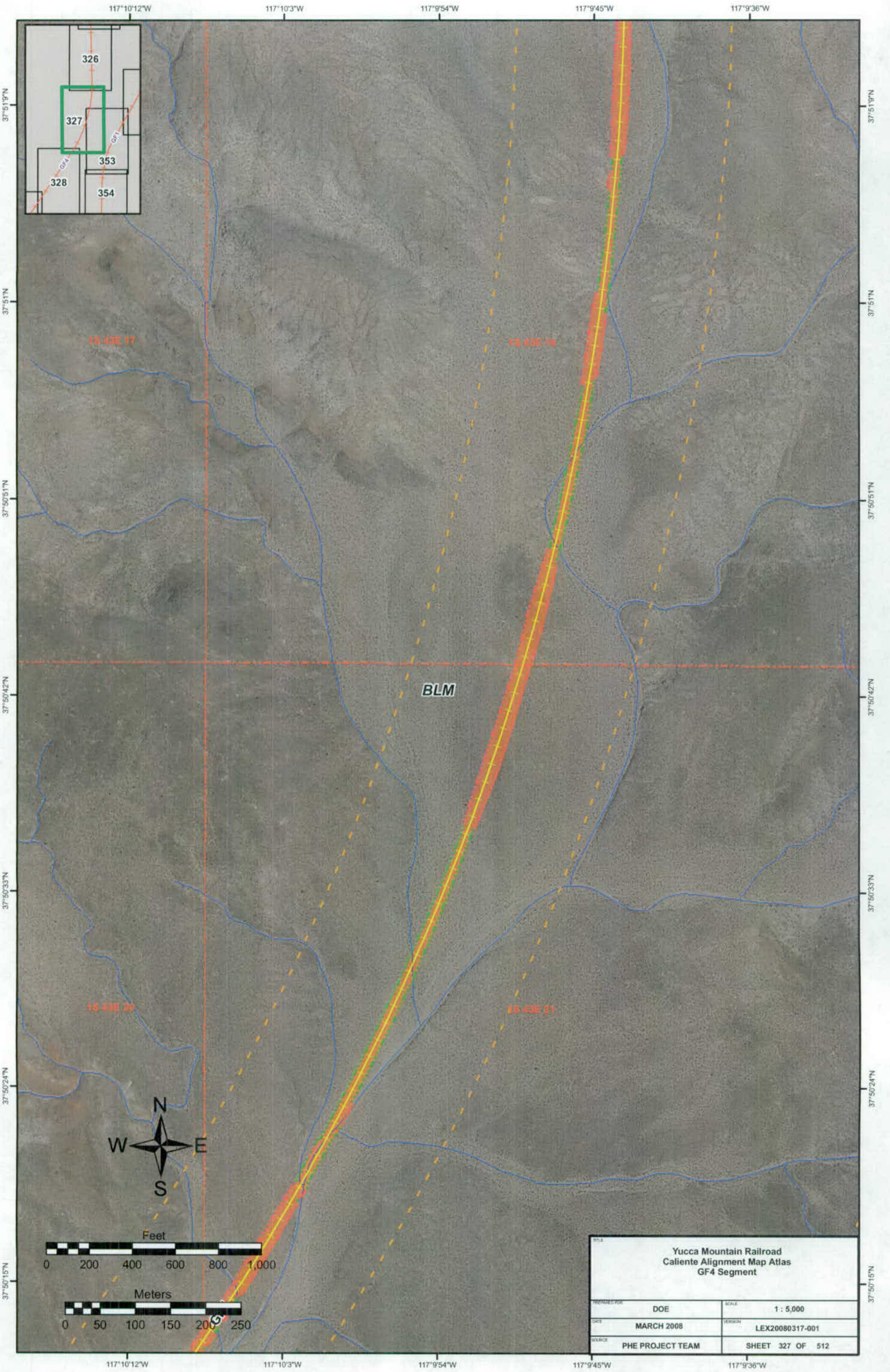
BLM

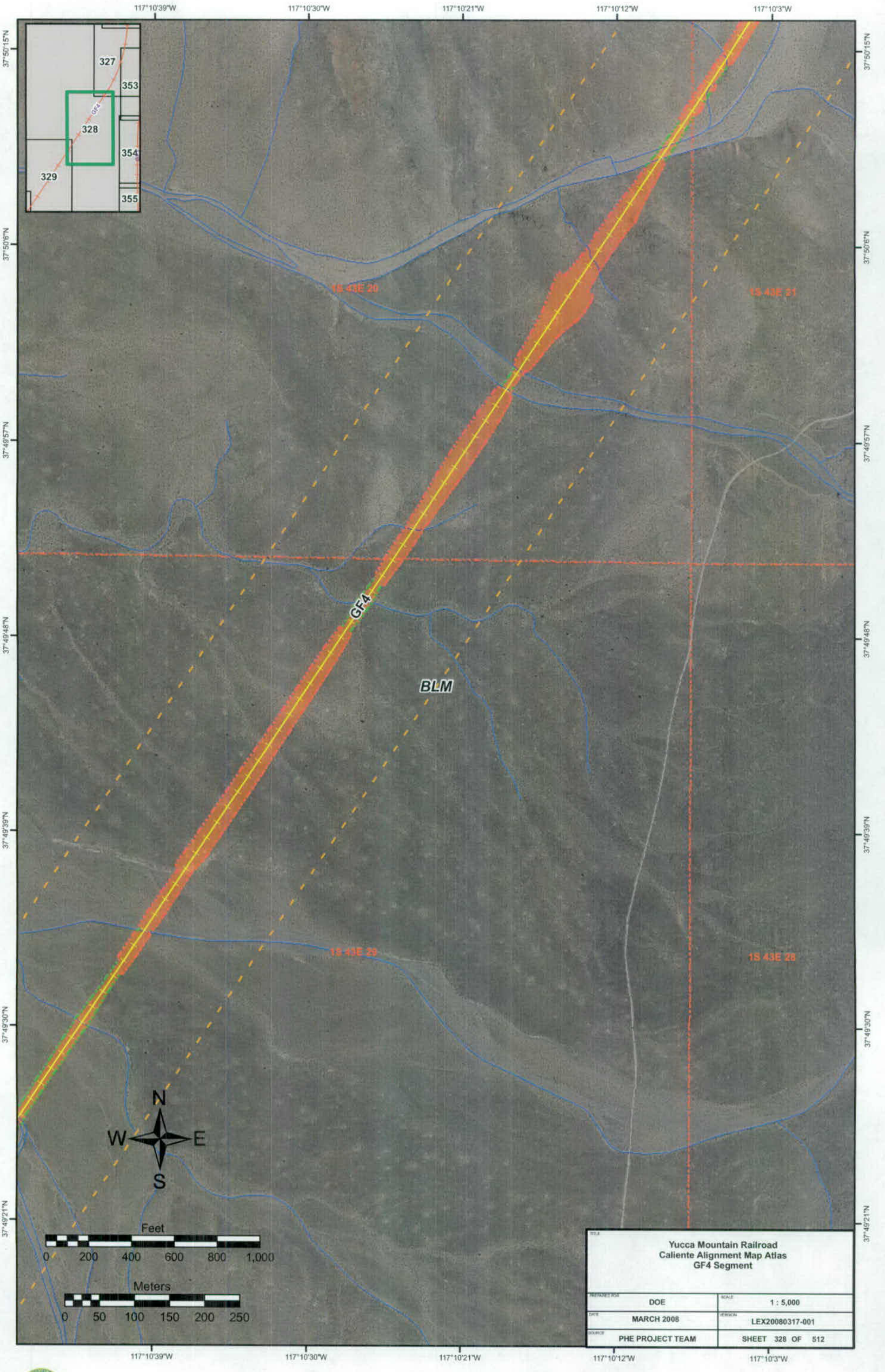
N
W
E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas GF4 Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 326 OF 512


117°10'12"W
117°10'3"W
117°9'54"W
117°9'45"W
117°9'36"W
37°51'9"N
37°51'N
37°50'51"N
37°50'42"N
37°50'33"N
37°50'24"N
37°50'15"N
326
327
328
353
354
GF4
GF1
15 43E 17
15 43E 16
15 43E 20
15 43E 21
BLM
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
GF4 Segment
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 327 OF 512


117°10'39"W
117°10'30"W
117°10'21"W
117°10'12"W
117°10'3"W
37°50'15"N
37°50'6"N
37°49'57"N
37°49'48"N
37°49'39"N
37°49'30"N
37°49'21"N
327
353
328
354
329
355
GF4
1S 43E 20
1S 43E 21
1S 43E 29
1S 43E 28
BLM
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
TITLE
Yucca Mountain Railroad
Caliente Alignment Map Atlas
GF4 Segment
PREPARED FOR
DOE
SCALE
1 : 5,000
DATE
MARCH 2008
VERSION
LEX20080317-001
SOURCE
PHE PROJECT TEAM
SHEET 328 OF 512

117°11'24"W
117°11'15"W
117°11'6"W
117°10'57"W
117°10'48"W
37°49'30"N
37°49'21"N
37°49'12"N
37°49'3"N
37°48'54"N
37°48'45"N
37°48'36"N

328
329
330
GF4

1S 43E 30
1S 43E 29
1S 43E 31
1S 43E 32
BLM
GF4

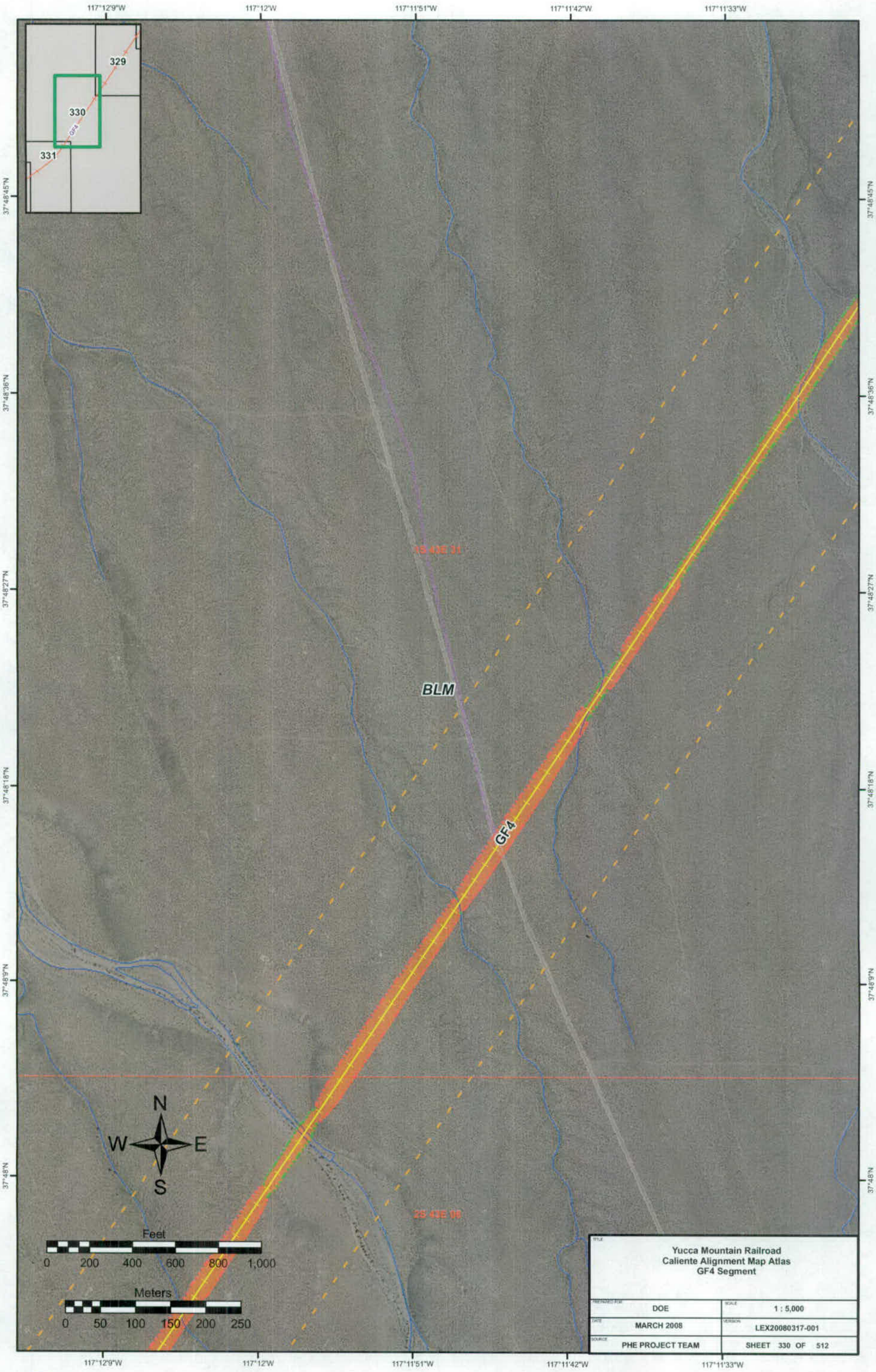
N
W
E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad
Caliente Alignment Map Atlas
GF4 Segment

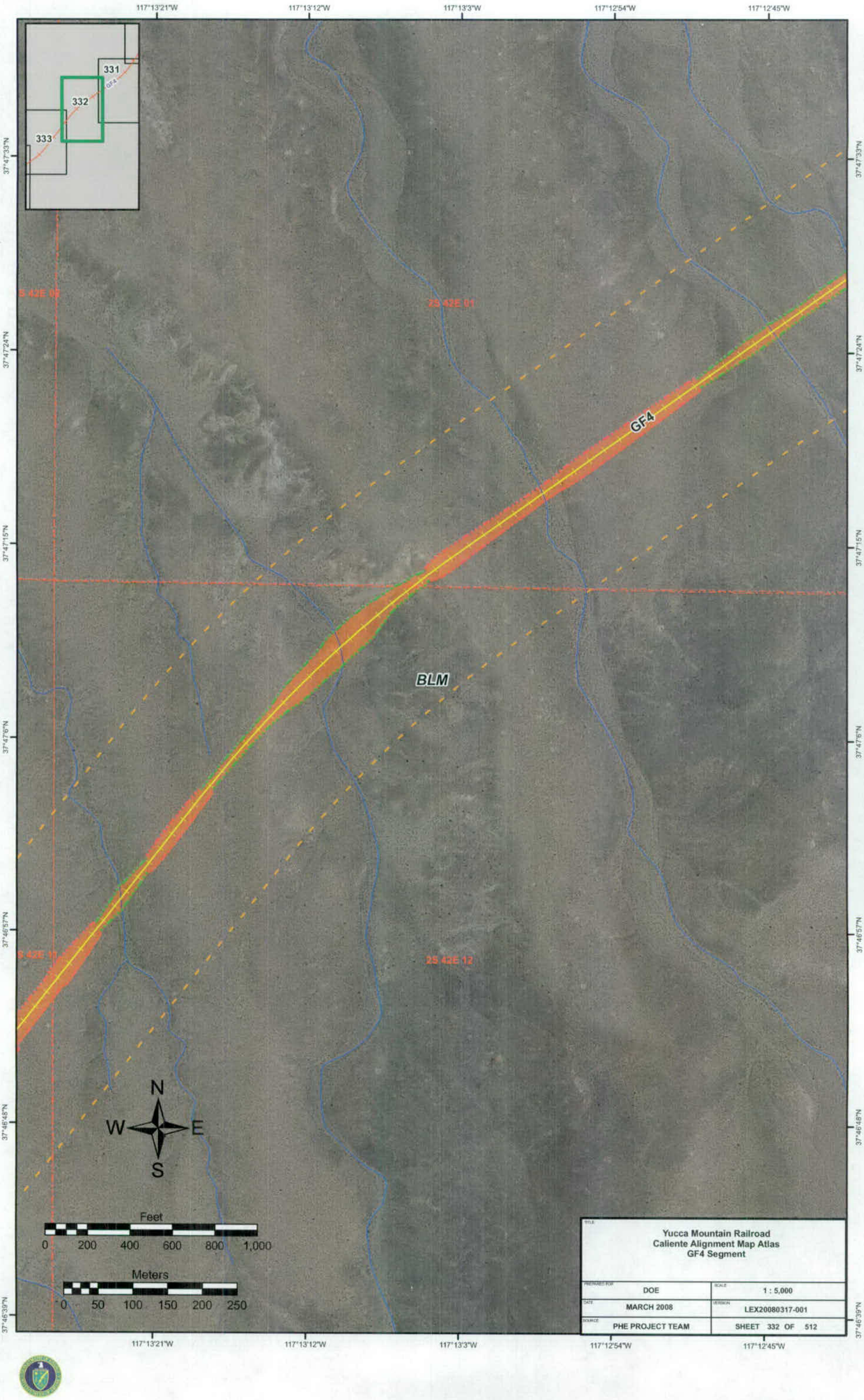
PREPARED FOR	SCALE
DOE	1 : 5,000
DATE	VERSION
MARCH 2008	LEX20080317-001
SOURCE	SHEET 329 OF 512
PHE PROJECT TEAM	



Yucca Mountain Railroad
Caliente Alignment Map Atlas
GF4 Segment

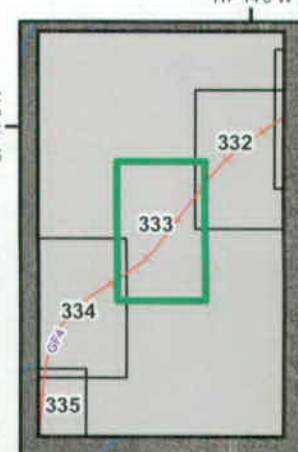
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 330 OF 512

117°12'45"W
117°12'36"W
117°12'27"W
117°12'18"W
117°12'9"W
117°12'W
37°47'51"N
37°47'42"N
37°47'33"N
37°47'24"N
37°47'15"N
37°47'6"N
37°46'57"N
330
331
332
GF4
25 42E 01
25 43E 06
BLM
25 42E 12
25 43E 07
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
GF4 Segment
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 331 OF 512


117°13'21"W
117°13'12"W
117°13'3"W
117°12'54"W
117°12'45"W
37°47'33"N
37°47'24"N
37°47'15"N
37°47'6"N
37°46'57"N
37°46'48"N
37°46'39"N
331
332
333
GF4
25 42E 01
25 42E 12
GF4
BLM
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
GF4 Segment
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 332 OF 512

117°14'6"W 117°13'57"W 117°13'48"W 117°13'39"W 117°13'30"W

37°47'6"N 37°46'57"N 37°46'48"N 37°46'39"N 37°46'30"N 37°46'21"N 37°46'12"N



GF4

BLM

25 42E 11

25 42E 12

25 42E 14

25 42E 13

N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas GF4 Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 333 OF 512

117°14'51"W 117°14'42"W 117°14'33"W 117°14'24"W 117°14'15"W

37°46'30"N 37°46'21"N 37°46'12"N 37°46'3"N 37°45'54"N 37°45'45"N 37°45'36"N

333
334
335
GF4

25 42E 10
25 42E 11
25 42E 15
25 42E 14

GF4

BLM

Telephone Line
Telephone Line
Pipeline

95

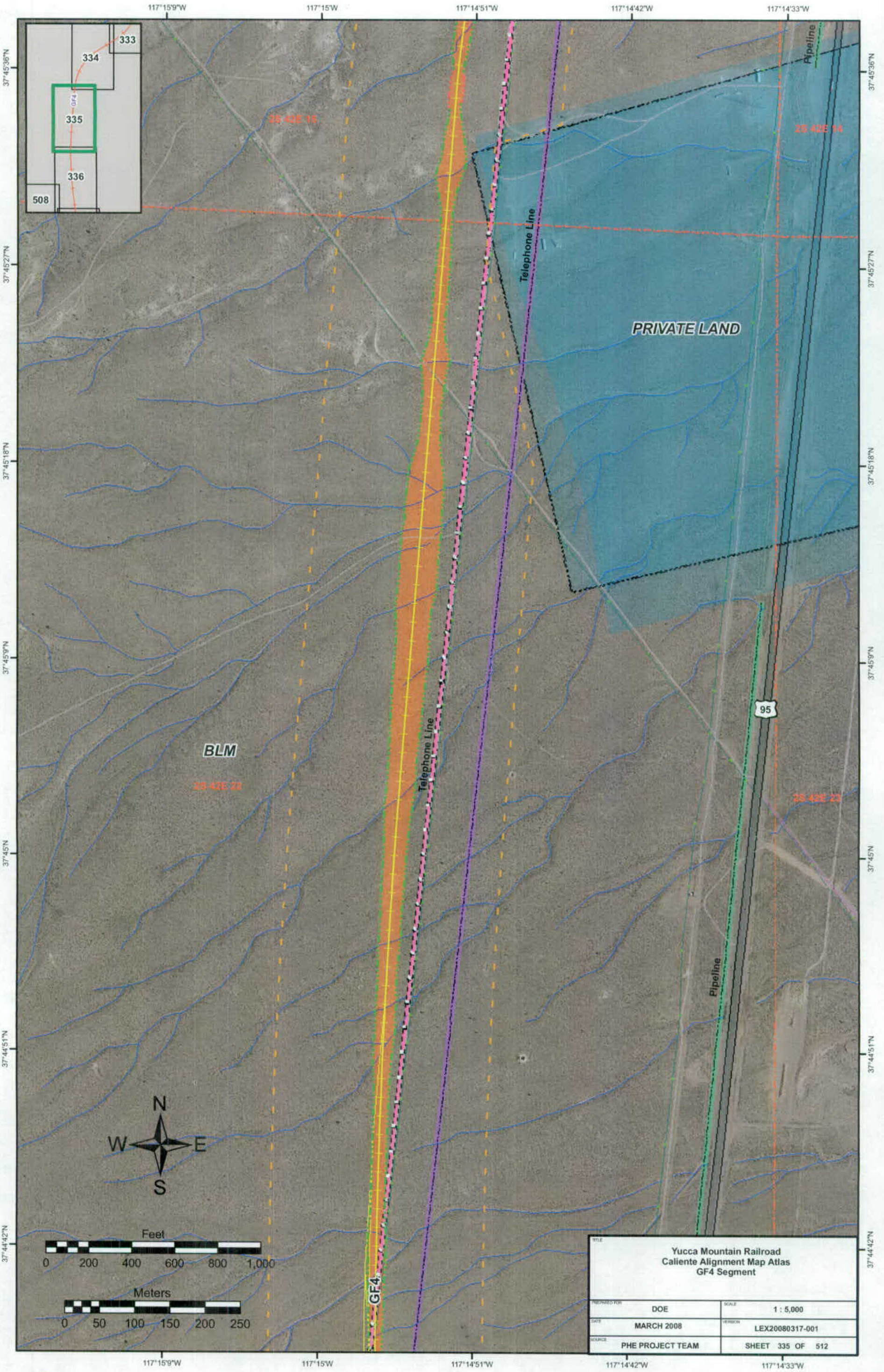
N
W E
S

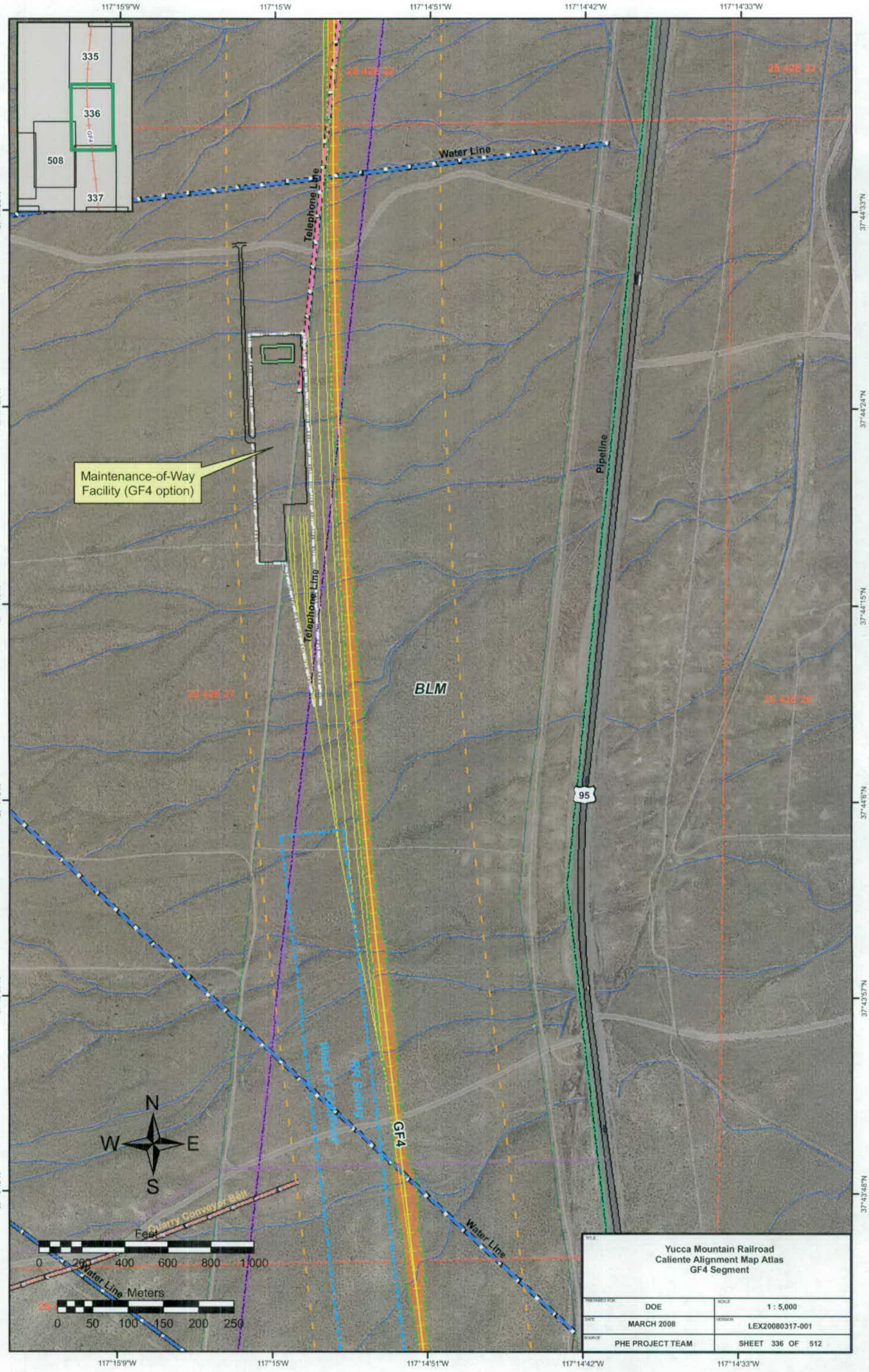
Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

PRIVATE

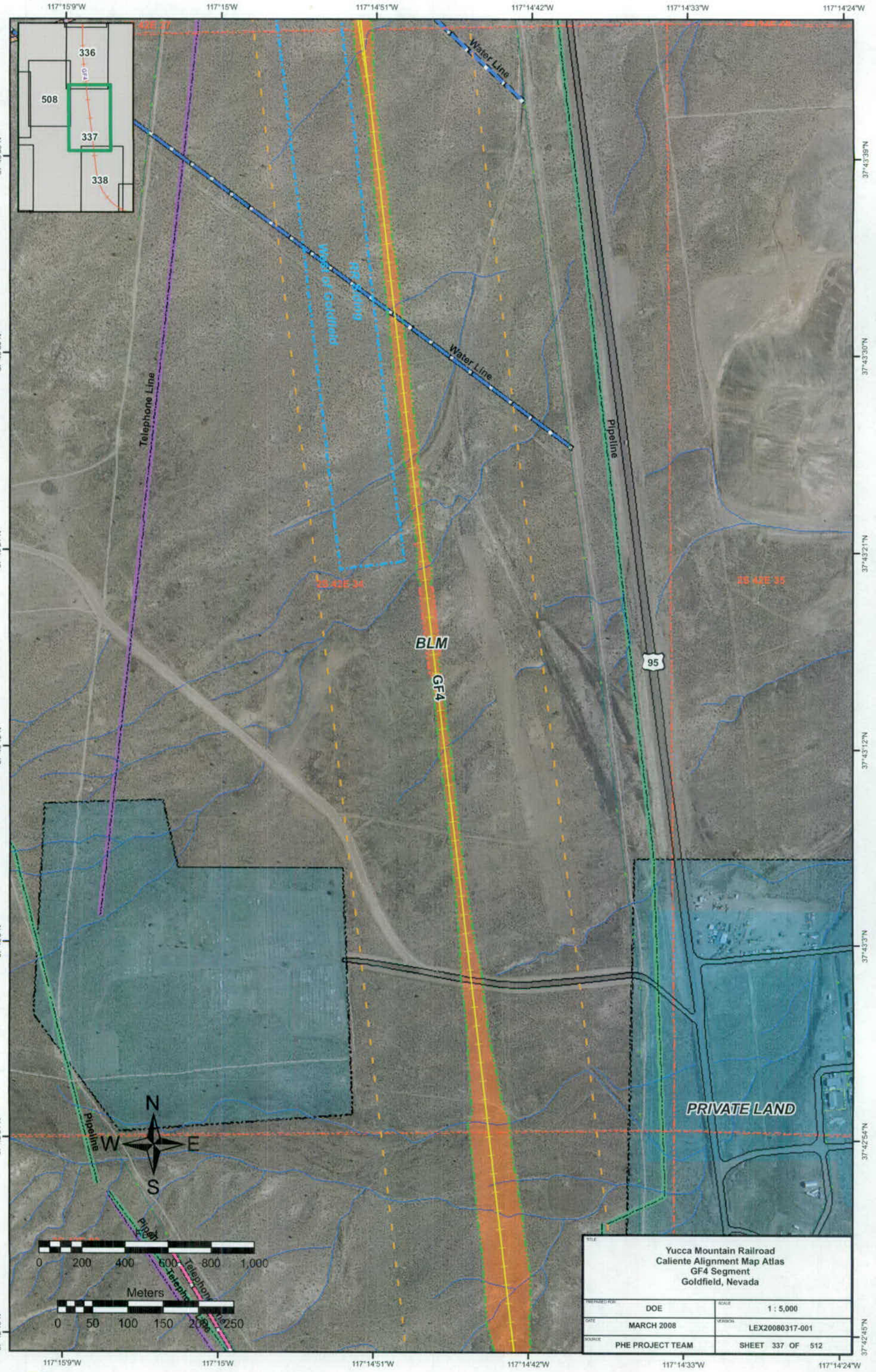
TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas GF4 Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 334 OF 512

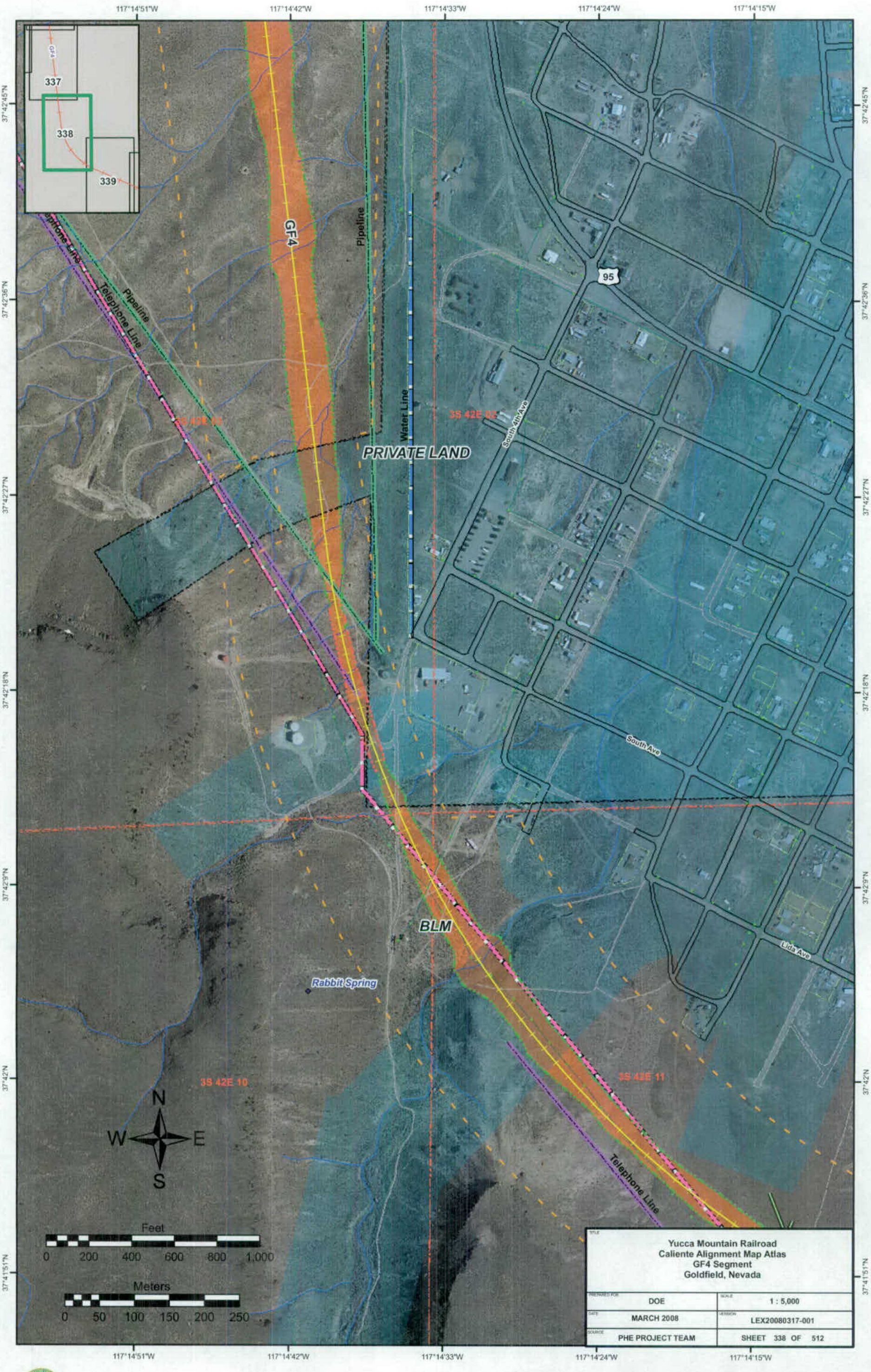

117°15'9"W
117°15'W
117°14'51"W
117°14'42"W
117°14'33"W
37°45'36"N
37°45'27"N
37°45'18"N
37°45'9"N
37°45'N
37°44'51"N
37°44'42"N
333
334
335
336
508
GF4
25 42E 15
25 42E 14
25 42E 22
25 42E 23
Telephone Line
Pipeline
PRIVATE LAND
BLM
95
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
GF4
Yucca Mountain Railroad
Caliente Alignment Map Atlas
GF4 Segment
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 335 OF 512



Yucca Mountain Railroad
Caliente Alignment Map Atlas
GF4 Segment

PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 336 OF 512


117°15'9"W
117°15'W
117°14'51"W
117°14'42"W
117°14'33"W
117°14'24"W
37°43'39"N
37°43'30"N
37°43'21"N
37°43'12"N
37°43'3"N
37°42'54"N
37°42'45"N
336
508
337
338
GF4
Water Line
Water Line
Water Line
Telephone Line
Pipeline
Pipeline
Telephone Line
Telephone Line
Telephone Line
Pipeline
Pipeline
BLM
GF4
95
PRIVATE LAND
25 42E 34
25 42E 35
N
W
E
S
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
GF4 Segment
Goldfield, Nevada
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 337 OF 512


117°14'51"W
117°14'42"W
117°14'33"W
117°14'24"W
117°14'15"W
37°42'45"N
37°42'36"N
37°42'27"N
37°42'18"N
37°42'9"N
37°42'N
37°41'51"N
337
338
339
GF4
Pipeline
Telephone Line
Water Line
95
South 4th Ave
South Ave
Lida Ave
PRIVATE LAND
BLM
Rabbit Spring
3S 42E 03
3S 42E 02
3S 42E 10
3S 42E 11
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
GF4 Segment
Goldfield, Nevada
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 338 OF 512

117°14'6"W
117°13'57"W
117°13'48"W
117°13'39"W
117°13'30"W
37°42'9"N
37°42'N
37°41'51"N
37°41'42"N
37°41'33"N
37°41'24"N
37°41'15"N
337
338
339
340
GF4
PRIVATE LAND
Pipeline
Telephone Line
Telephone Line
95
BLM
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
GF4 Segment
Goldfield, Nevada
DOE
1 : 5,000
MARCH 2008
LEX20080317-001
PHE PROJECT TEAM
SHEET 339 OF 512

117°13'30"W 117°13'21"W 117°13'12"W 117°13'3"W 117°12'54"W 117°12'45"W

37°42'N 37°41'51"N 37°41'42"N 37°41'33"N 37°41'24"N 37°41'15"N 37°41'6"N

339 340 341

PRIVATE LAND

3S 42E 11 3S 42E 12 3S 42E 13 3S 42E 14

GF4

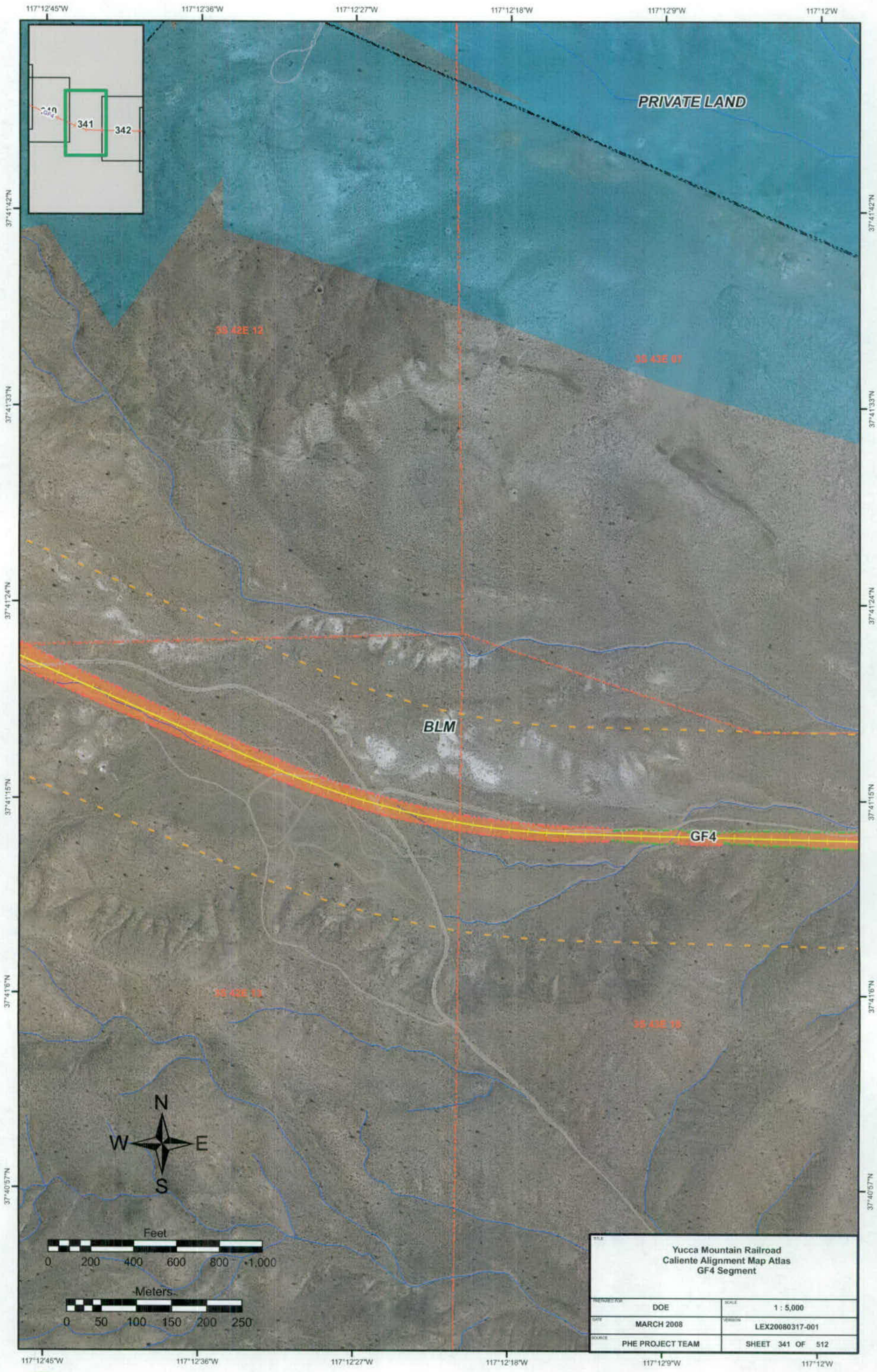
BLM

N W E S

Feet
0 200 400 600 800 1,000

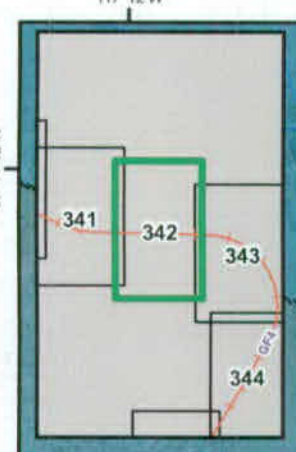
Meters
0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas GF4 Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 340 OF 512


117°12'45"W
117°12'36"W
117°12'27"W
117°12'18"W
117°12'9"W
117°12'W
37°41'42"N
37°41'33"N
37°41'24"N
37°41'15"N
37°41'6"N
37°40'57"N
341
342
PRIVATE LAND
35 42E 12
35 42E 07
BLM
GF4
35 42E 13
35 42E 18
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
GF4 Segment
PREPARED FOR DOE
SCALE 1 : 5,000
DATE MARCH 2008
VERSION LEX20080317-001
SOURCE PHE PROJECT TEAM
SHEET 341 OF 512

117°12'W 117°11'51"W 117°11'42"W 117°11'33"W 117°11'24"W 117°11'15"W

37°41'42"N 37°41'33"N 37°41'24"N 37°41'15"N 37°41'6"N 37°40'57"N 37°40'48"N



PRIVATE LAND

35 43E 07

35 43E 0

GF4

BLM

35 43E 18

35 43E 1

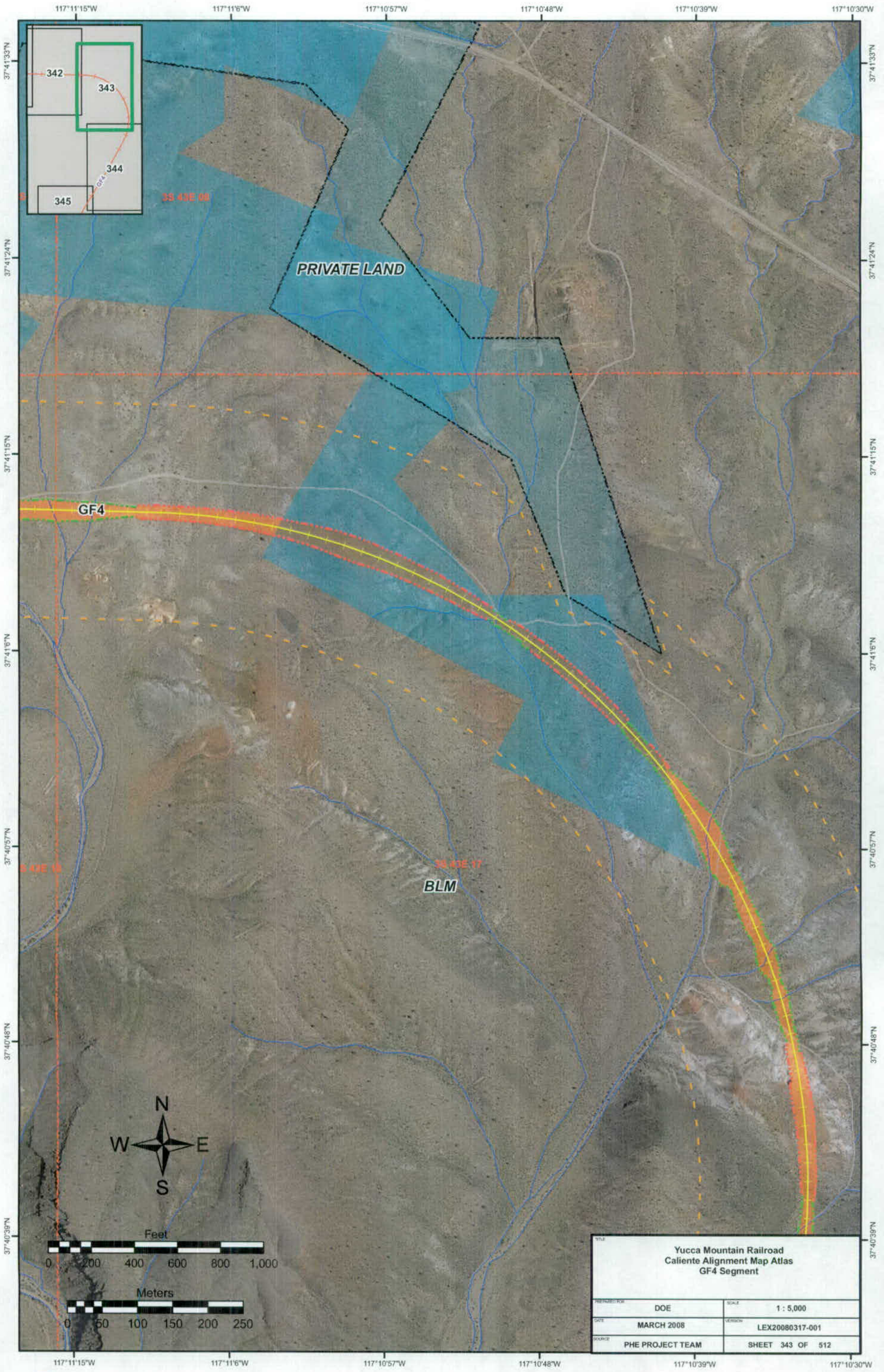
N
W E
S

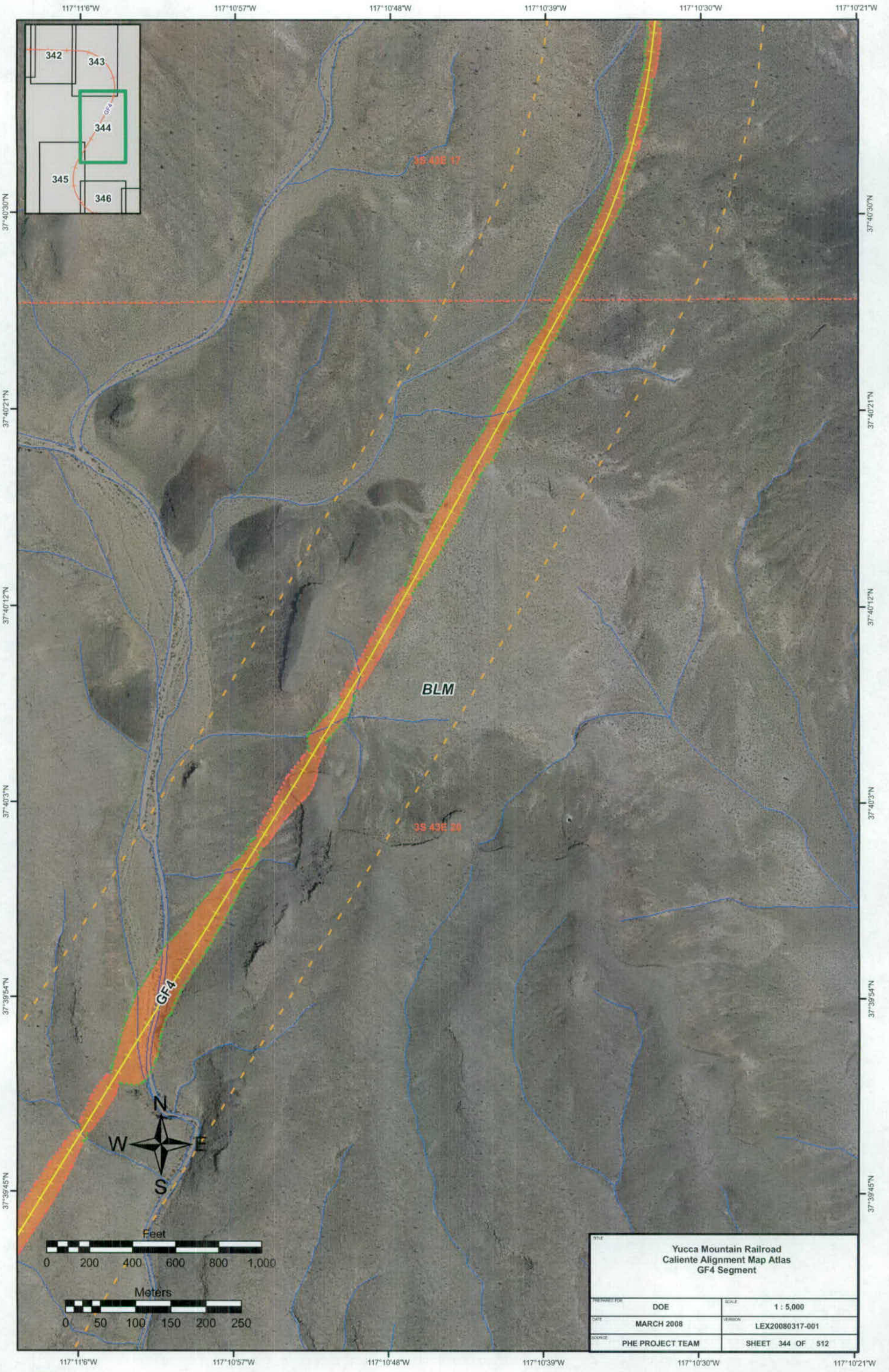
Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas GF4 Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 342 OF 512

117°12'W 117°11'51"W 117°11'42"W 117°11'33"W 117°11'24"W 117°11'15"W


117°11'15"W
117°11'6"W
117°10'57"W
117°10'48"W
117°10'39"W
117°10'30"W
37°41'33"N
37°41'24"N
37°41'15"N
37°41'6"N
37°40'57"N
37°40'48"N
37°40'39"N
342
343
344
345
GF4
PRIVATE LAND
BLM
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
GF4 Segment
DOE
1 : 5,000
MARCH 2008
LEX20080317-001
PHE PROJECT TEAM
SHEET 343 OF 512

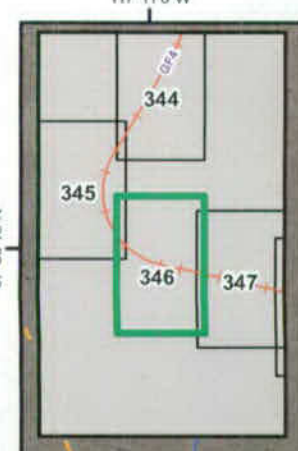

117°11'6"W
117°10'57"W
117°10'48"W
117°10'39"W
117°10'30"W
117°10'21"W
37°40'30"N
37°40'21"N
37°40'12"N
37°40'3"N
37°39'54"N
37°39'45"N
342
343
344
345
346
GF4
35 43E 17
35 43E 20
BLM
GF4
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
GF4 Segment
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 344 OF 512

Yucca Mountain Railroad
Caliente Alignment Map Atlas
GF4 Segment

PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 345 OF 512

117°11'6"W 117°10'57"W 117°10'48"W 117°10'39"W 117°10'30"W 117°10'21"W

37°39'18"N
37°39'9"N
37°38'51"N
37°38'42"N
37°38'33"N
37°38'24"N



35 43E 29

BLM

GF4

35 43E 32

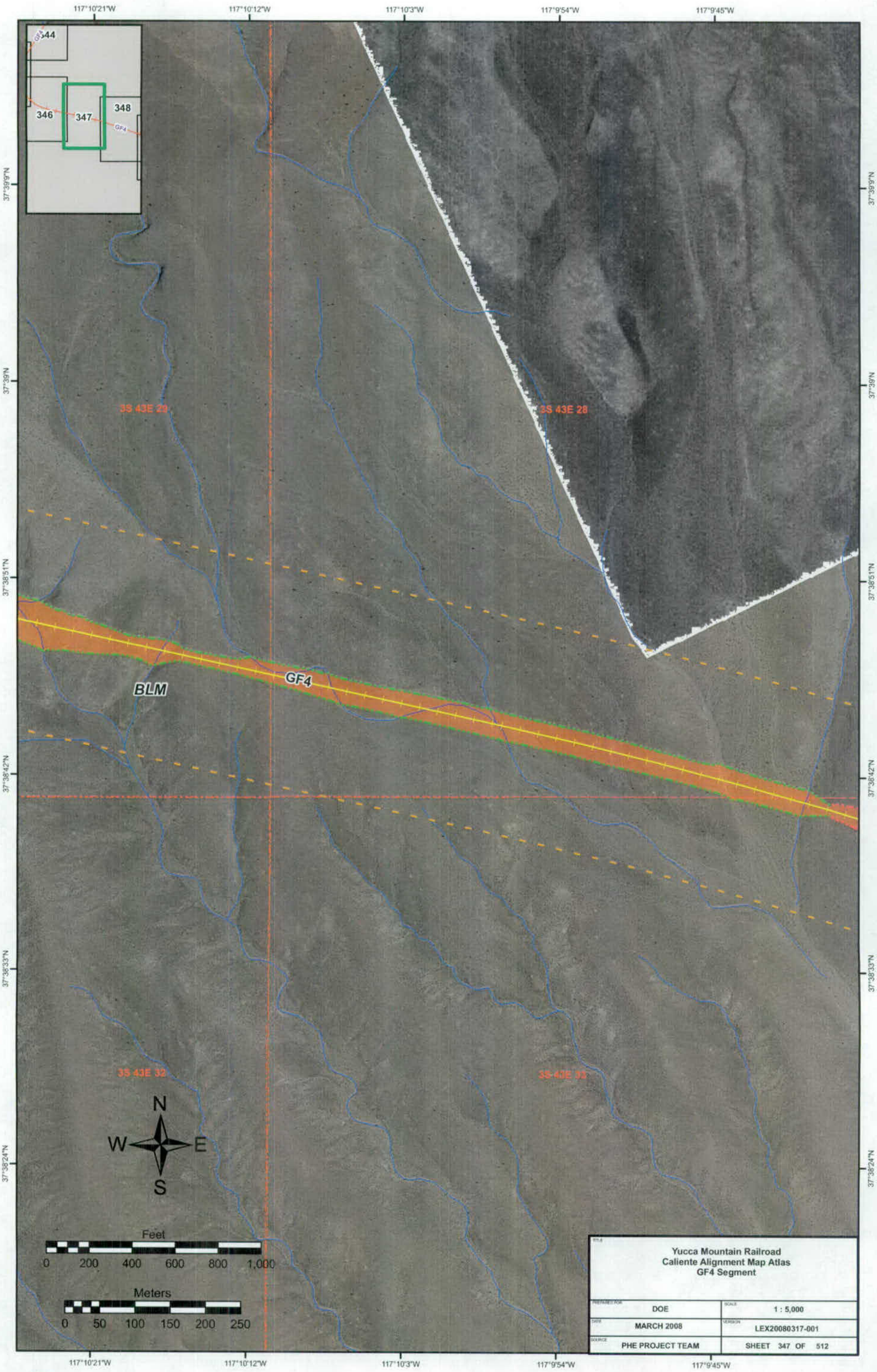
N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

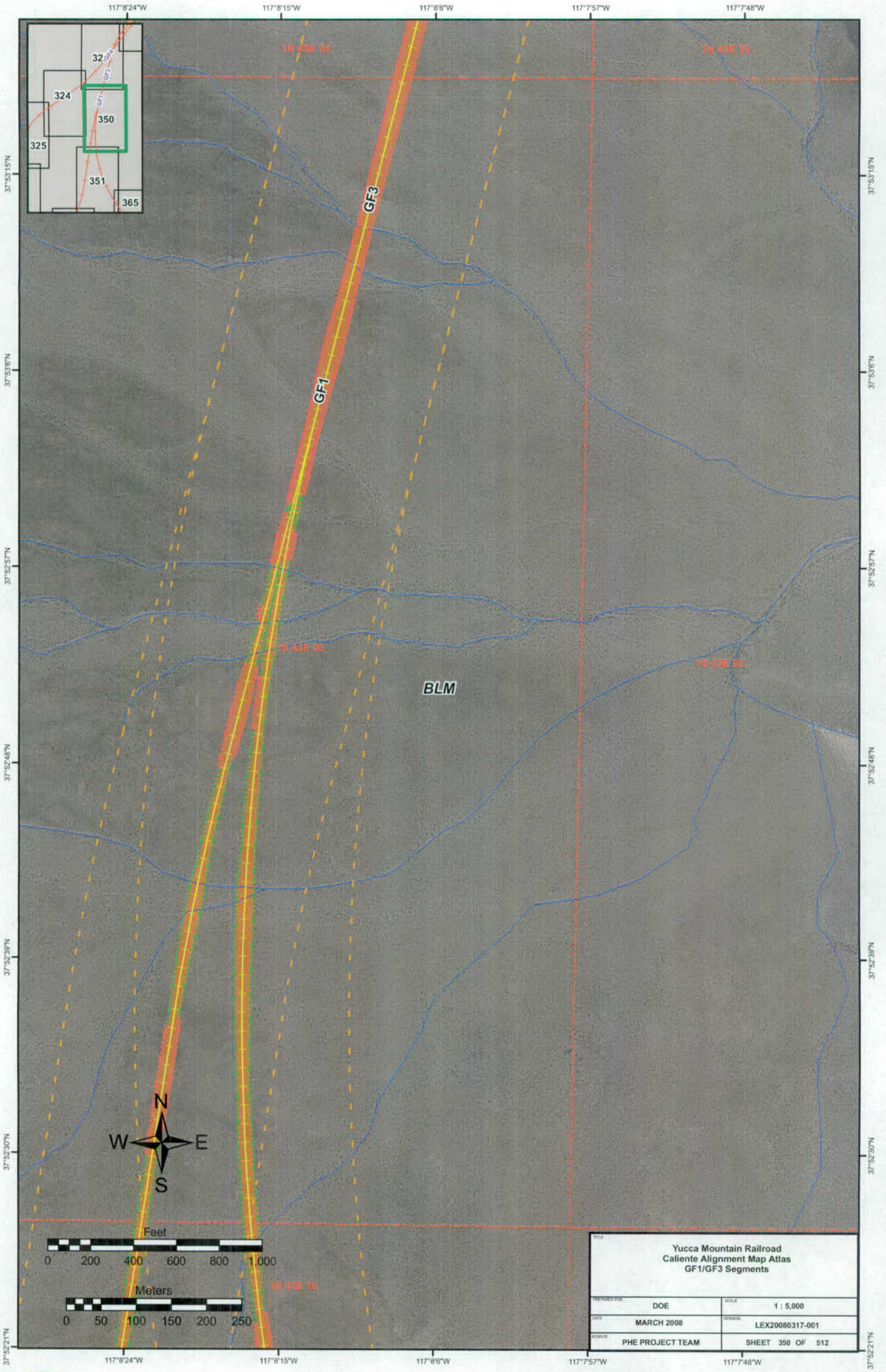
Yucca Mountain Railroad Caliente Alignment Map Atlas GF4 Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 346 OF 512

117°11'6"W 117°10'57"W 117°10'48"W 117°10'39"W 117°10'30"W 117°10'21"W


117°10'21"W
117°10'12"W
117°10'3"W
117°9'54"W
117°9'45"W
37°39'9"N
37°38'51"N
37°38'42"N
37°38'33"N
37°38'24"N
344
346
347
348
GF4
3S 43E 29
3S 43E 28
BLM
3S 43E 32
3S 43E 33
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
GF4 Segment
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 347 OF 512

117°9'36"W
117°9'27"W
117°9'18"W
117°9'9"W
117°9'W
37°39'N
37°38'51"N
37°38'42"N
37°38'33"N
37°38'24"N
37°38'15"N
37°38'6"N
347
348
349
GF4
38 43E 28
38 43E 27
BLM
GF4
38 43E 33
38 43E 34
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
GF4 Segment
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 348 OF 512

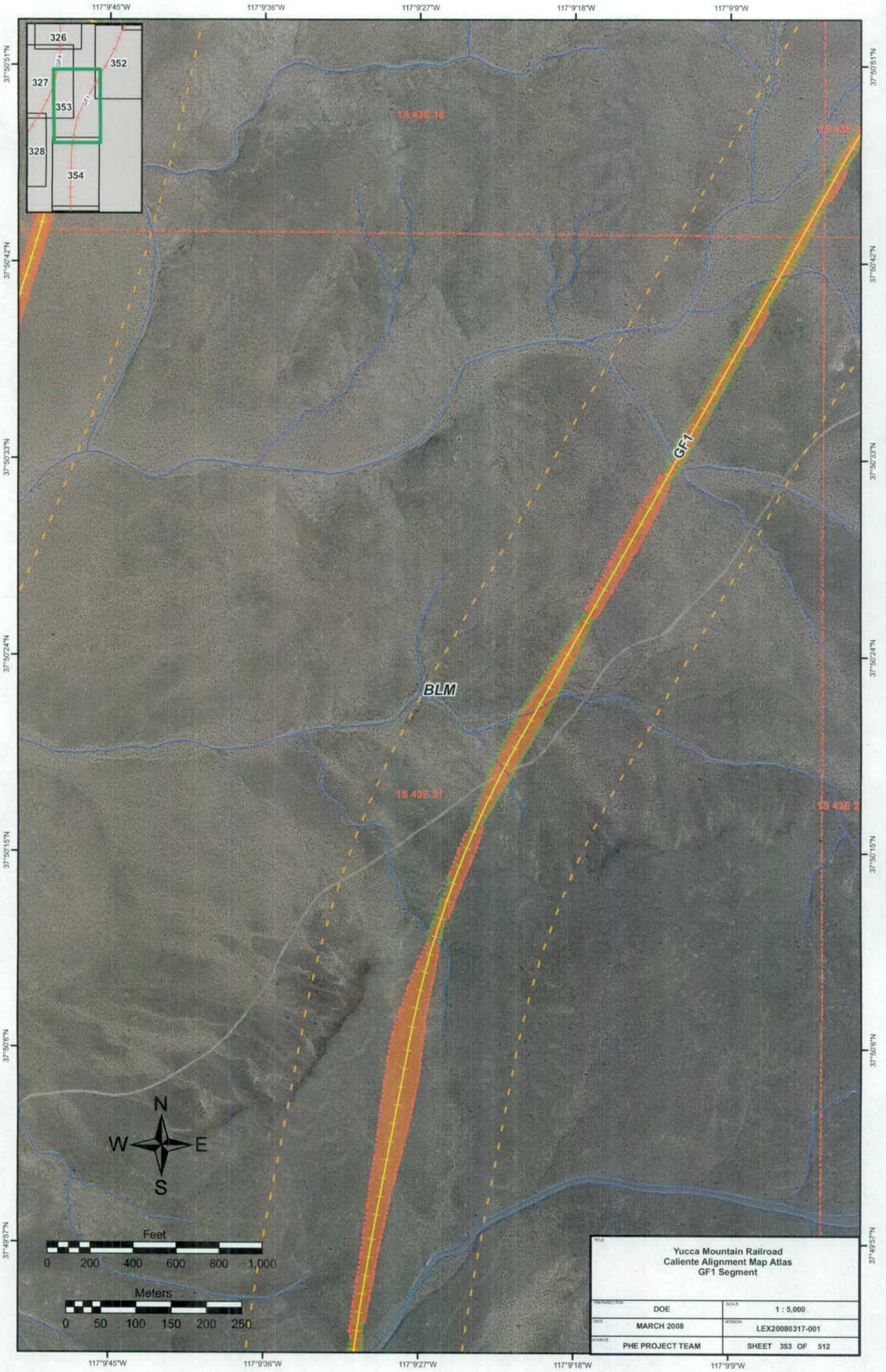
117°8'51"W
117°8'42"W
117°8'33"W
117°8'24"W
117°8'15"W
37°38'42"N
37°38'33"N
37°38'24"N
37°38'15"N
37°38'6"N
37°37'57"N
37°37'48"N
348
384
349
385
386
387
GF4
GF1
GF2
3S 43E 27
BLM
3S 43E 34
4S 43E 03
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
GF4 Segment
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 349 OF 512

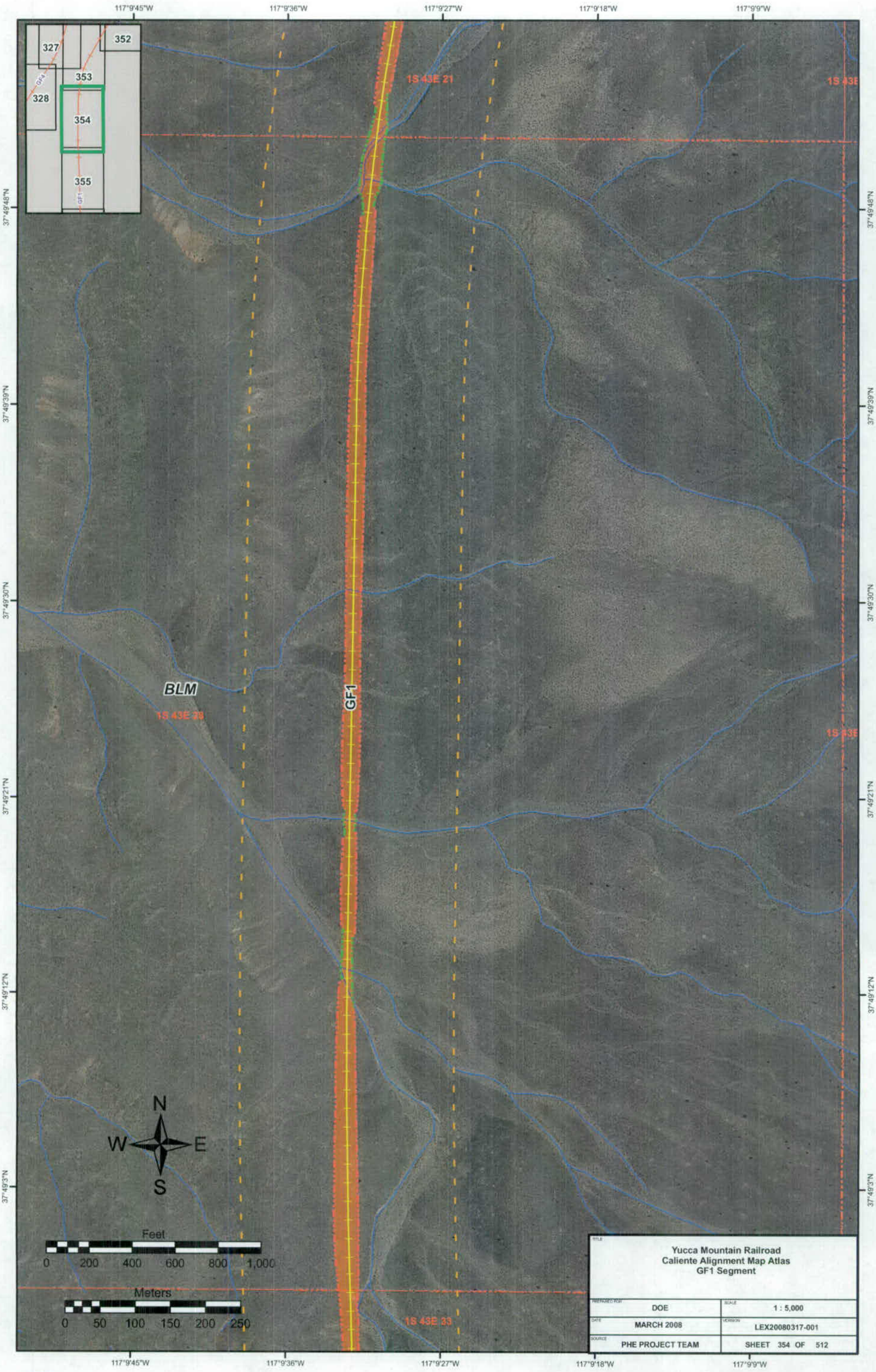

117°8'24"W
117°8'15"W
117°8'6"W
117°7'57"W
117°7'48"W
37°53'15"N
37°53'6"N
37°52'57"N
37°52'48"N
37°52'39"N
37°52'30"N
37°52'21"N
1N 43E 34
1N 43E 35
15 43E 03
15 43E 02
15 43E 10
GF1
GF3
BLM
32
324
325
350
351
365
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
GF1/GF3 Segments
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 350 OF 512

117°8'33"W
117°8'24"W
117°8'15"W
117°8'6"W
117°7'57"W
37°52'21"N
37°52'12"N
37°52'3"N
37°51'54"N
37°51'45"N
37°51'36"N
37°51'27"N
GF1
GF3
BLM
15 43E 10
15 43E 11
15 43E 15
350
351
352
365
366
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
GF1/GF3 Segments
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 351 OF 512

Yucca Mountain Railroad
Caliente Alignment Map Atlas
GF1 Segment

PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 352 OF 512

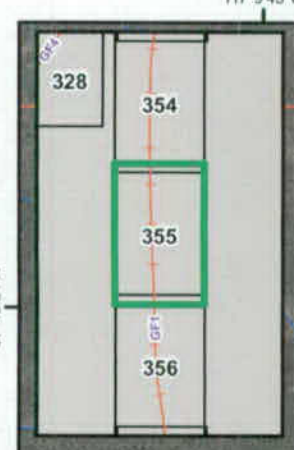

117°9'45"W
117°9'36"W
117°9'27"W
117°9'18"W
117°9'9"W
37°50'51"N
37°50'42"N
37°50'33"N
37°50'24"N
37°50'15"N
37°50'6"N
37°49'57"N
326
352
327
353
328
354
GF4
GF1
1S 43E 16
1S 43E 1
GF1
BLM
1S 43E 21
1S 43E 2
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
GF1 Segment
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 353 OF 512



TITLE	Yucca Mountain Railroad Caliente Alignment Map Atlas GF1 Segment
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 354 OF 512

117°9'45"W 117°9'36"W 117°9'27"W 117°9'18"W 117°9'9"W

37°48'54"N 37°48'45"N 37°48'36"N 37°48'27"N 37°48'18"N 37°48'9"N 37°48'N



1S 43E 28

1S 43E

1S 43E 33

1S 43E

BLM

GF1

2S 43E 04

N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas GF1 Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 355 OF 512

117°9'45"W
117°9'36"W
117°9'27"W
117°9'18"W
117°9'9"W
37°48'N
37°47'51"N
37°47'42"N
37°47'33"N
37°47'24"N
37°47'15"N
37°47'6"N
355
356
357
GF1
2S 43E 04
BLM
2S 43E 09
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
GF1 Segment
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 356 OF 512

117°9'45"W 117°9'36"W 117°9'27"W 117°9'18"W 117°9'9"W

37°47'6"N 37°46'57"N 37°46'48"N 37°46'39"N 37°46'30"N 37°46'21"N 37°46'12"N

356 357 358 359 GF1

GF1

BLM

2S 43E 09 2S 43E 10 2S 43E 16 2S 43E 15

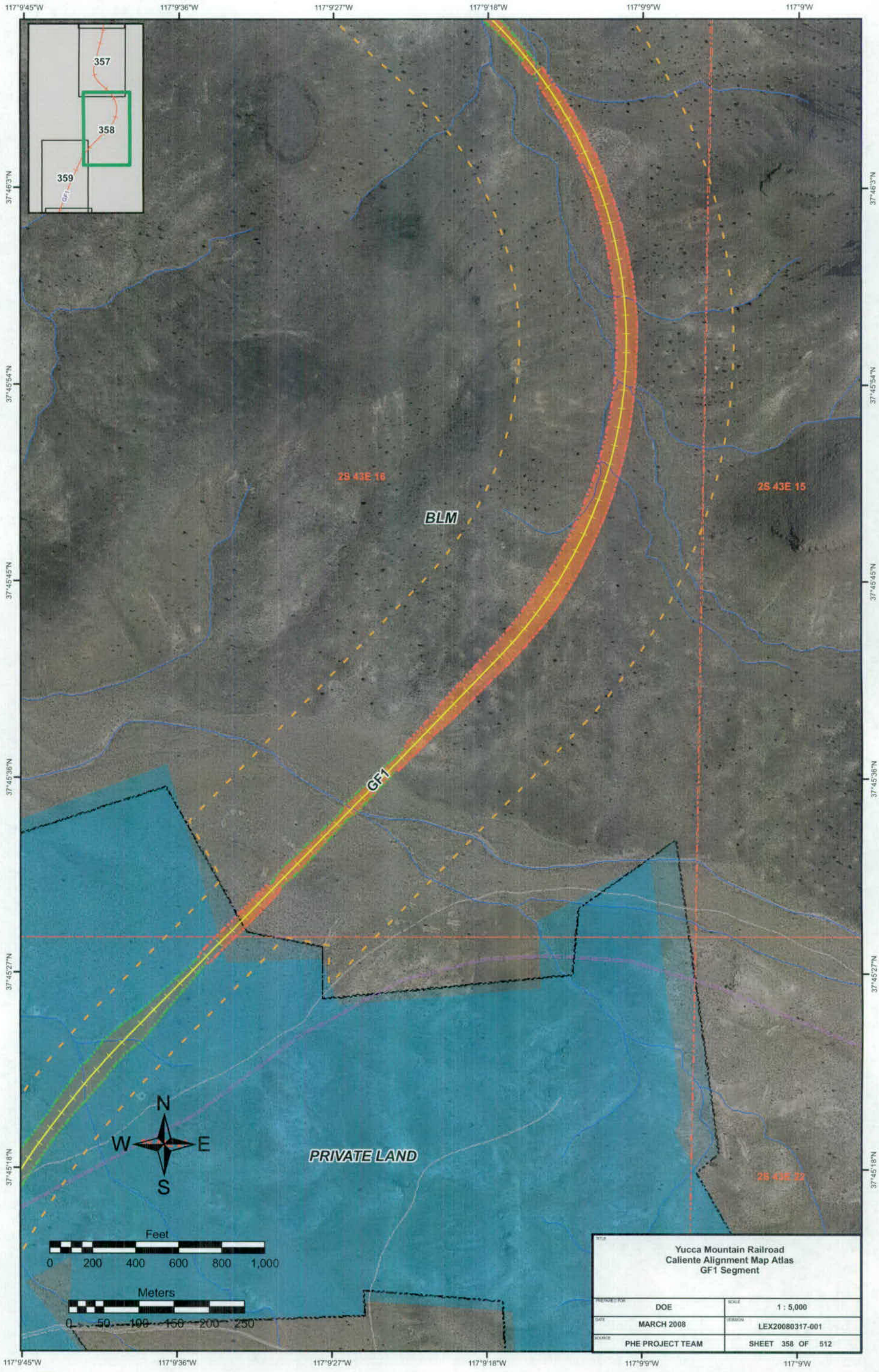
N W E S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad
Caliente Alignment Map Atlas
GF1 Segment

PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 357 OF 512


117°9'45"W
117°9'36"W
117°9'27"W
117°9'18"W
117°9'9"W
117°9'W
37°46'3"N
37°45'54"N
37°45'45"N
37°45'36"N
37°45'27"N
37°45'18"N
357
358
359
GF1
2S 43E 16
2S 43E 15
2S 43E 22
BLM
PRIVATE LAND
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
GF1 Segment
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 358 OF 512

117°10'21"W 117°10'12"W 117°10'3"W 117°9'54"W 117°9'45"W

37°45'27"N 37°45'18"N 37°45'9"N 37°45'N 37°44'51"N 37°44'42"N 37°44'33"N

358 359 360 361

GF1

25 43E 16

PRIVATE LAND

25 43E 29 25 43E 21

BLM

25 43E 28

N W E S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas GF1 Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 359 OF 512

117°10'21"W
117°10'12"W
117°10'3"W
117°9'54"W
117°9'45"W
37°44'33"N
37°44'24"N
37°44'15"N
37°44'6"N
37°43'57"N
37°43'48"N
37°43'39"N
358
359
360
361
GF1
25 43E 28
25 43E 29
BLM
25 43E 32
25 43E 33
PRIVATE LAND
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
GF1 Segment
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 360 OF 512

Yucca Mountain Railroad
Caliente Alignment Map Atlas
GF1 Segment

PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 361 OF 512

117°9'18"W 117°9'9"W 117°9'W 117°8'51"W 117°8'42"W 117°8'33"W

37°42'54"N 37°42'45"N 37°42'36"N 37°42'27"N 37°42'18"N 37°42'9"N 37°42'N

361 362 363

GF1

25 43E 34

BLM

3S 43E 04

3S 43E 03

3S 43E 09

3S 43E 10

PRIVATE LAND

N W E S

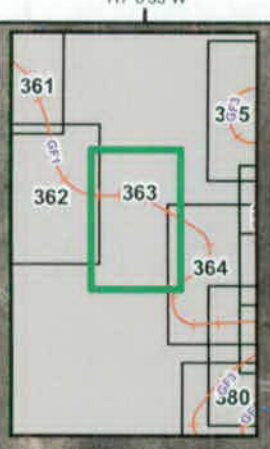
Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas GF1 Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 362 OF 512

117°8'33"W 117°8'24"W 117°8'15"W 117°8'6"W 117°7'57"W

37°42'45"N 37°42'36"N 37°42'27"N 37°42'18"N 37°42'9"N 37°42'N 37°41'51"N



PRIVATE LAND

BLM

GF1

3S 43E 01

3S 43E 02

3S 43E 10

3S 43E 11

N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas GF1 Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 363 OF 512

117°7'48"W 117°7'39"W 117°7'30"W 117°7'21"W 117°7'12"W

37°42'18"N 37°42'9"N 37°42'N 37°41'51"N 37°41'42"N 37°41'33"N 37°41'24"N

3S 43E 02

PRIVATE LAND

GF3

BLM

3S 43E 11

GF1

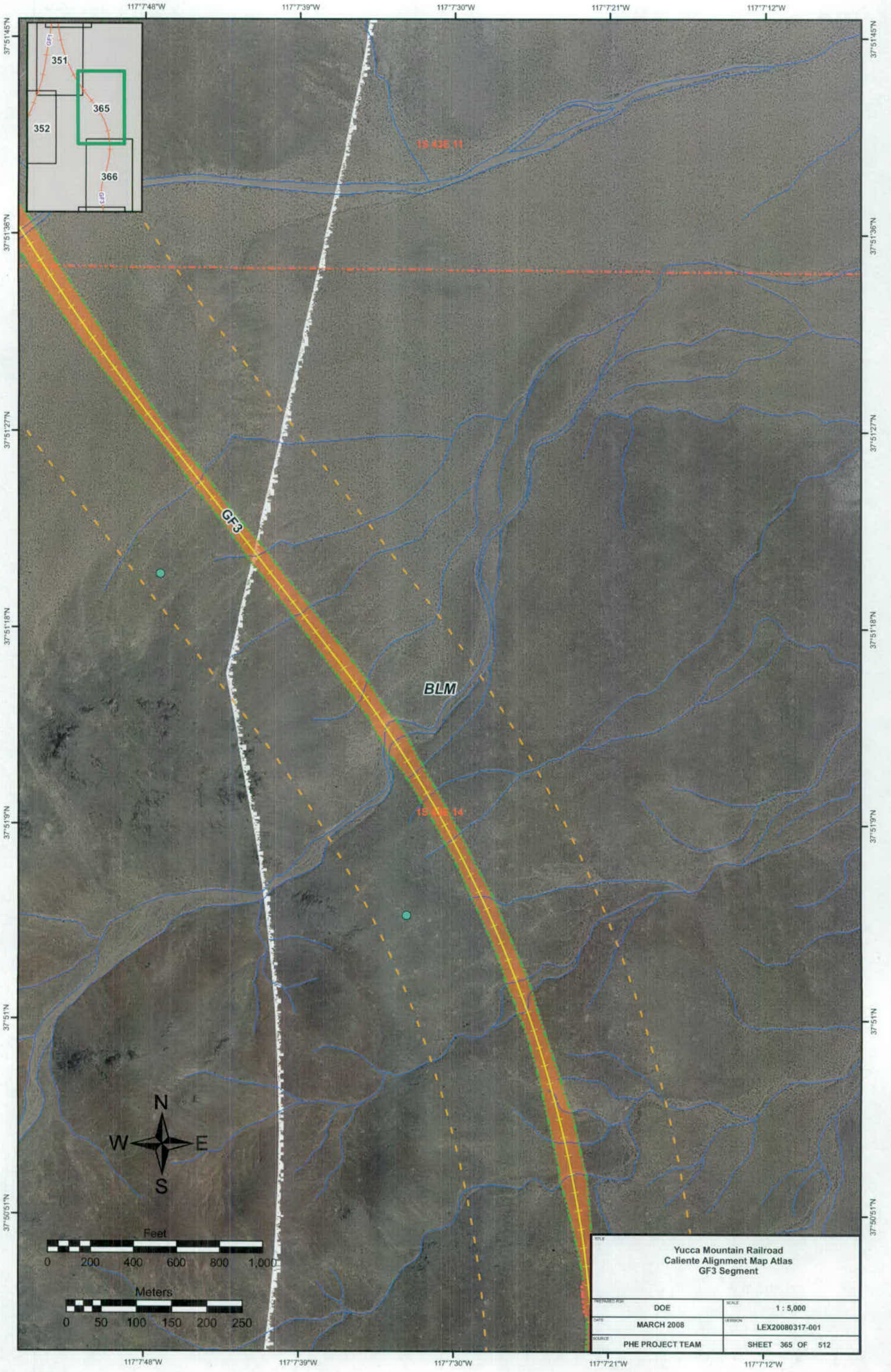
N
W
E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas GF1 Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 364 OF 512

117°7'48"W 117°7'39"W 117°7'30"W 117°7'21"W 117°7'12"W


117°7'48"W
117°7'39"W
117°7'30"W
117°7'21"W
117°7'12"W
37°51'45"N
37°51'36"N
37°51'27"N
37°51'18"N
37°51'9"N
37°51'N
37°50'51"N
351
352
365
366
GF3
15 43E 11
BLM
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
GF3 Segment
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 365 OF 512

117°7'39"W 117°7'30"W 117°7'21"W 117°7'12"W 117°7'3"W

37°50'42"N 37°50'33"N 37°50'24"N 37°50'15"N 37°50'6"N 37°49'57"N

351 365 366 504 367 GF3

1S 43E 14

BLM

1S 43E 23

1S 43E 26

N W E S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas GF3 Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 366 OF 512

117°7'48"W
117°7'39"W
117°7'30"W
117°7'21"W
117°7'12"W
37°49'48"N
37°49'39"N
37°49'30"N
37°49'21"N
37°49'12"N
37°49'3"N
37°48'54"N
366
GF3
367
504
505
368
369
1S 43E 2
1S 43E 26
1S 43E 35
BLM
RR Siding
Northeast of Goldfield
Plant
Northeast of Goldfield
GF3
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
GF3 Segment
PREPARED FOR
DOE
SCALE
1 : 5,000
DATE
MARCH 2008
VERSION
LEX20080317-001
SOURCE
PHE PROJECT TEAM
SHEET 367 OF 512

Yucca Mountain Railroad Caliente Alignment Map Atlas GF3 Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 368 OF 512

117°6'54"W 117°6'45"W 117°6'36"W 117°6'27"W 117°6'18"W

37°48'36"N 37°48'27"N 37°48'18"N 37°48'9"N 37°48'N 37°47'51"N 37°47'42"N

367 504 505 368 506 369 370 507 371

GF3

Quarry NS-3A Northeast of Goldfield

Quarry NS-3A Northeast of Goldfield

1S 43E 35 1S 43E 36

BLM

2S 43E 02 2S 43E01

Quarry NS-3B Northeast of Goldfield

N W E S

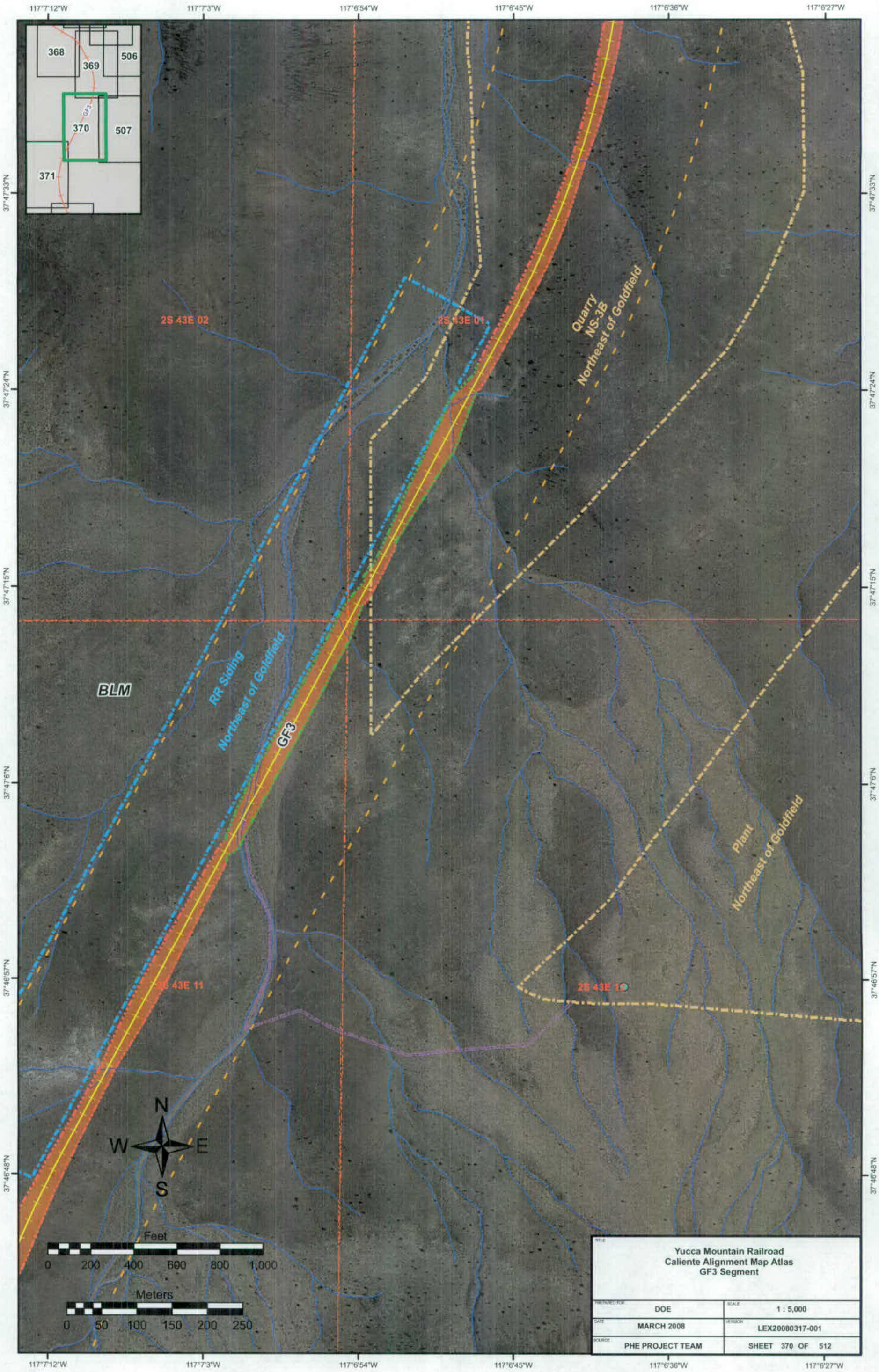
Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

117°6'54"W 117°6'45"W 117°6'36"W 117°6'27"W 117°6'18"W

Yucca Mountain Railroad
Caliente Alignment Map Atlas
GF3 Segment

PREPARED FOR	SCALE
DOE	1 : 5,000
DATE	VERSION
MARCH 2008	LEX20080317-001
SOURCE	SHEET 369 OF 512
PHE PROJECT TEAM	


117°7'12"W
117°7'3"W
117°6'54"W
117°6'45"W
117°6'36"W
117°6'27"W
37°47'33"N
37°47'24"N
37°47'15"N
37°47'6"N
37°46'57"N
37°46'48"N
368
369
506
GF3
370
507
371
2S 43E 02
2S 43E 01
Quarry
NS-3B
Northeast of Goldfield
BLM
RR Siding
Northeast of Goldfield
GF3
Plant
Northeast of Goldfield
26 43E 11
26 43E 12
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
GF3 Segment
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 370 OF 512

117°7'57"W 117°7'48"W 117°7'39"W 117°7'30"W 117°7'21"W 117°7'12"W

37°46'57"N 37°46'48"N 37°46'39"N 37°46'30"N 37°46'21"N 37°46'12"N 37°46'3"N

370
371
372
GF3

RR Siding
Northeast of Goldfield
GF3

2S 43E 11

BLM

2S 43E 14

N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas GF3 Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 371 OF 512

117°7'21"W 117°7'12"W 117°7'3"W 117°6'54"W 117°6'45"W

37°45'54"N 37°45'45"N 37°45'36"N 37°45'27"N 37°45'18"N 37°45'9"N 37°45'N

GF3

2S 43E 14

2S 43E 13

BLM

2S 43E 23

2S 43E 24

N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas GF3 Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 372 OF 512

117°7'3"W 117°6'54"W 117°6'45"W 117°6'36"W 117°6'27"W 117°6'18"W

37°45'N 37°44'51"N 37°44'42"N 37°44'33"N 37°44'24"N 37°44'15"N 37°44'6"N

372 373 374 375 GF3

25 43E 23 25 43E 24 25 43E 26 25 43E 25

BLM

Potential Siding Location

GF3

N W E S

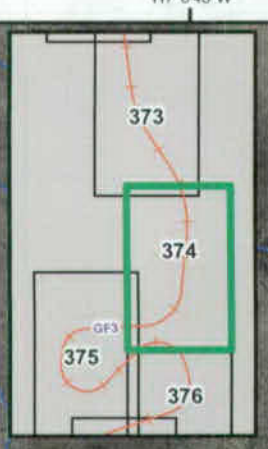
Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas GF3 Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 373 OF 512

117°6'45"W 117°6'36"W 117°6'27"W 117°6'18"W 117°6'9"W

37°44'6"N 37°43'57"N 37°43'48"N 37°43'39"N 37°43'30"N 37°43'21"N 37°43'12"N



25 43E 25

Potential Siting Location

GF3

BLM

N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas GF3 Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 374 OF 512

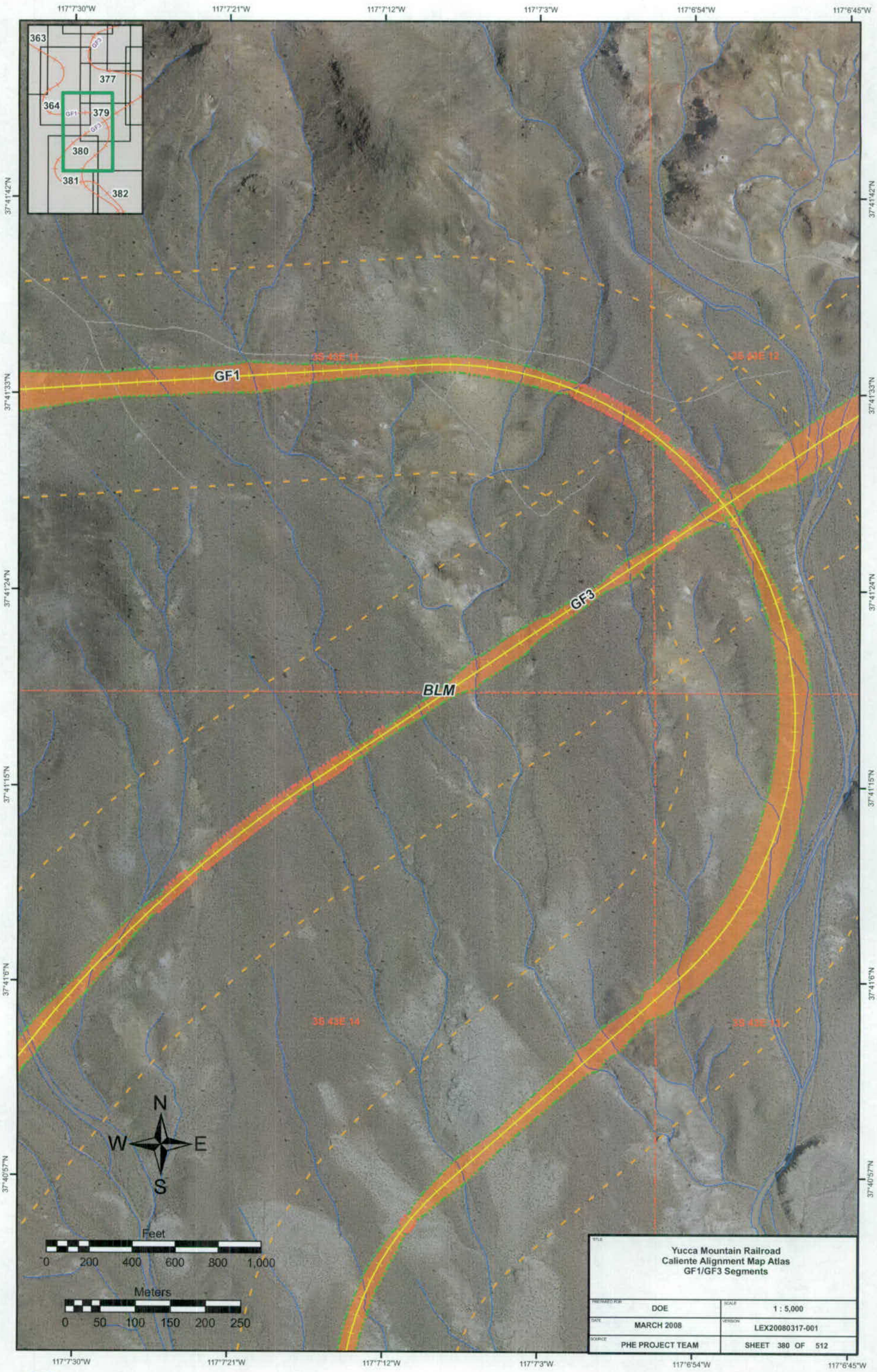
117°7'30"W
117°7'21"W
117°7'12"W
117°7'3"W
117°6'54"W
117°6'45"W
37°43'30"N
37°43'21"N
37°43'12"N
37°43'3"N
37°42'54"N
37°42'45"N
37°42'36"N
374
375
376
377
378
GF3
GF3
Potential Siding Location
2S 43E 35
BLM
3S 43E 01
3S 43E 02
Willow Springs
Cole Spring
PRIVATE LAND
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
GF3 Segment
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 375 OF 512

117°6'45"W
117°6'36"W
117°6'27"W
117°6'18"W
117°6'9"W
37°43'3"N
37°42'54"N
37°42'45"N
37°42'36"N
37°42'27"N
37°42'18"N
37°42'9"N
374
375
376
379
378
380
GF3
GF1
28 43E 36
Willow Springs
GF3
BLM
3S 43E 01
PRIVATE LAND
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
38 43E 12
Yucca Mountain Railroad
Caliente Alignment Map Atlas
GF3 Segment
DOE
1 : 5,000
MARCH 2008
LEX20080317-001
PHE PROJECT TEAM
SHEET 376 OF 512

117°7'12"W
117°7'3"W
117°6'54"W
117°6'45"W
117°6'36"W
37°42'36"N
37°42'27"N
37°42'18"N
37°42'9"N
37°42'N
37°41'51"N
37°41'42"N
374
375
376
377
378
364
379
380
GF1
GF3
3S 43E 02
3S 43E 01
PRIVATE LAND
GF3
BLM
3S 43E 11
3S 43E 12
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
GF3 Segment
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 377 OF 512

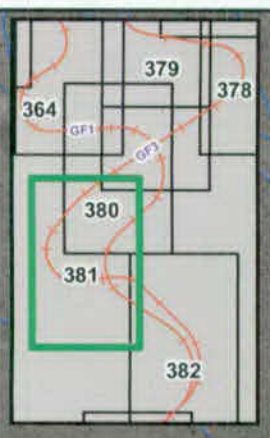
117°6'27"W
117°6'18"W
117°6'9"W
117°6'W
117°5'51"W
37°42'18"N
37°42'9"N
37°42'N
37°41'51"N
37°41'42"N
37°41'33"N
375
376
377
378
379
380
GF1
GF2
GF3
3S 43E 01
3S 44E 06
BLM
NEVADA TEST AND TRAINING RANGE
3S 43E 12
3S 44E 07
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
GF3 Segment
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 378 OF 512

117°7'12"W
117°7'3"W
117°6'54"W
117°6'45"W
117°6'36"W
37°42'9"N
37°42'N
37°41'51"N
37°41'42"N
37°41'33"N
37°41'24"N
37°41'15"N
375
376
379
378
364
380
381
382
GF1
GF3
35 43E 01
35 43E 11
35 43E 12
BLM
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
GF1/GF3 Segments
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 379 OF 512


117°7'30"W
117°7'21"W
117°7'12"W
117°7'3"W
117°6'54"W
117°6'45"W
37°41'42"N
37°41'33"N
37°41'24"N
37°41'15"N
37°41'6"N
37°40'57"N
363
377
364
379
380
381
382
GF1
GF3
35 43E 11
35 43E 12
35 43E 14
35 43E 13
BLM
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
GF1/GF3 Segments
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 380 OF 512

117°7'39"W 117°7'30"W 117°7'21"W 117°7'12"W 117°7'3"W

37°41'15"N 37°41'6"N 37°40'57"N 37°40'48"N 37°40'39"N 37°40'30"N 37°40'21"N



GF3

GF1

35 43E 14

BLM

35 43E 23

N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas GF1/GF3 Segments	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 381 OF 512

117°7'3"W 117°6'54"W 117°6'45"W 117°6'36"W 117°6'27"W 117°6'18"W

37°40'48"N 37°40'39"N 37°40'30"N 37°40'21"N 37°40'12"N 37°40'3"N 37°39'54"N

380 381 382 383 384

GF3 GF1

GF3

GF1

BLM

N W E S

Feet
0 200 400 600 800 1,000

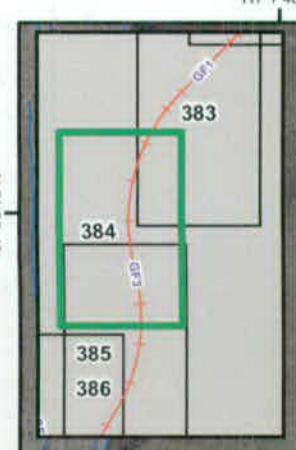
Meters
0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas GF1/GF3 Segments	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 382 OF 512

117°7'21"W
117°7'12"W
117°7'3"W
117°6'54"W
117°6'45"W
117°6'36"W
37°39'45"N
37°39'36"N
37°39'27"N
37°39'18"N
37°39'9"N
37°39'N
381
382
383
384
385
GF1
GF3
35 43E 23
35 43E 24
35 43E 26
35 43E 25
BLM
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
GF1/GF3 Segments
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 383 OF 512

117°7'48"W 117°7'39"W 117°7'30"W 117°7'21"W 117°7'12"W

37°39'18"N 37°39'9"N 37°39'N 37°38'51"N 37°38'42"N 37°38'33"N 37°38'24"N



3S 43E 26

BLM

GF3

GF1

3S 43E 35

N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas GF1/GF3 Segments	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 384 OF 512

117°7'48"W 117°7'39"W 117°7'30"W 117°7'21"W 117°7'12"W

37°38'42"N 37°38'33"N 37°38'24"N 37°38'15"N 37°38'6"N 37°37'57"N 37°37'48"N

38 43E 26

BLM

39 43E 35

45 43E 02

GF1

GF3

N
W
E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas GF1/GF3 Segments	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 385 OF 512

117°8'15"W 117°8'6"W 117°7'57"W 117°7'48"W 117°7'39"W 117°7'30"W

37°38'15"N 37°38'6"N 37°37'57"N 37°37'48"N 37°37'39"N 37°37'30"N 37°37'21"N

4S 43E 34

4S 43E 35

BLM

GF1

GF3

GF4

4S 43E 03

4S 43E 02

N
W E
S

Feet
0 200 400 600 800 1,000

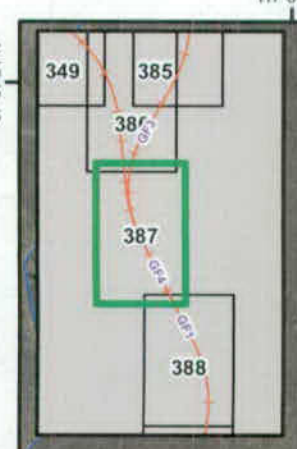
Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas GF1/GF3/GF4 Segments	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 386 OF 512

117°8'15"W 117°8'6"W 117°7'57"W 117°7'48"W 117°7'39"W 117°7'30"W

117°8'6"W 117°7'57"W 117°7'48"W 117°7'39"W 117°7'30"W

37°37'21"N 37°37'12"N 37°37'3"N 37°36'54"N 37°36'45"N 37°36'36"N 37°36'27"N



4S 43E 03

4S 43E 02

BLM

GF3

GF1

GF4

4S 43E 10

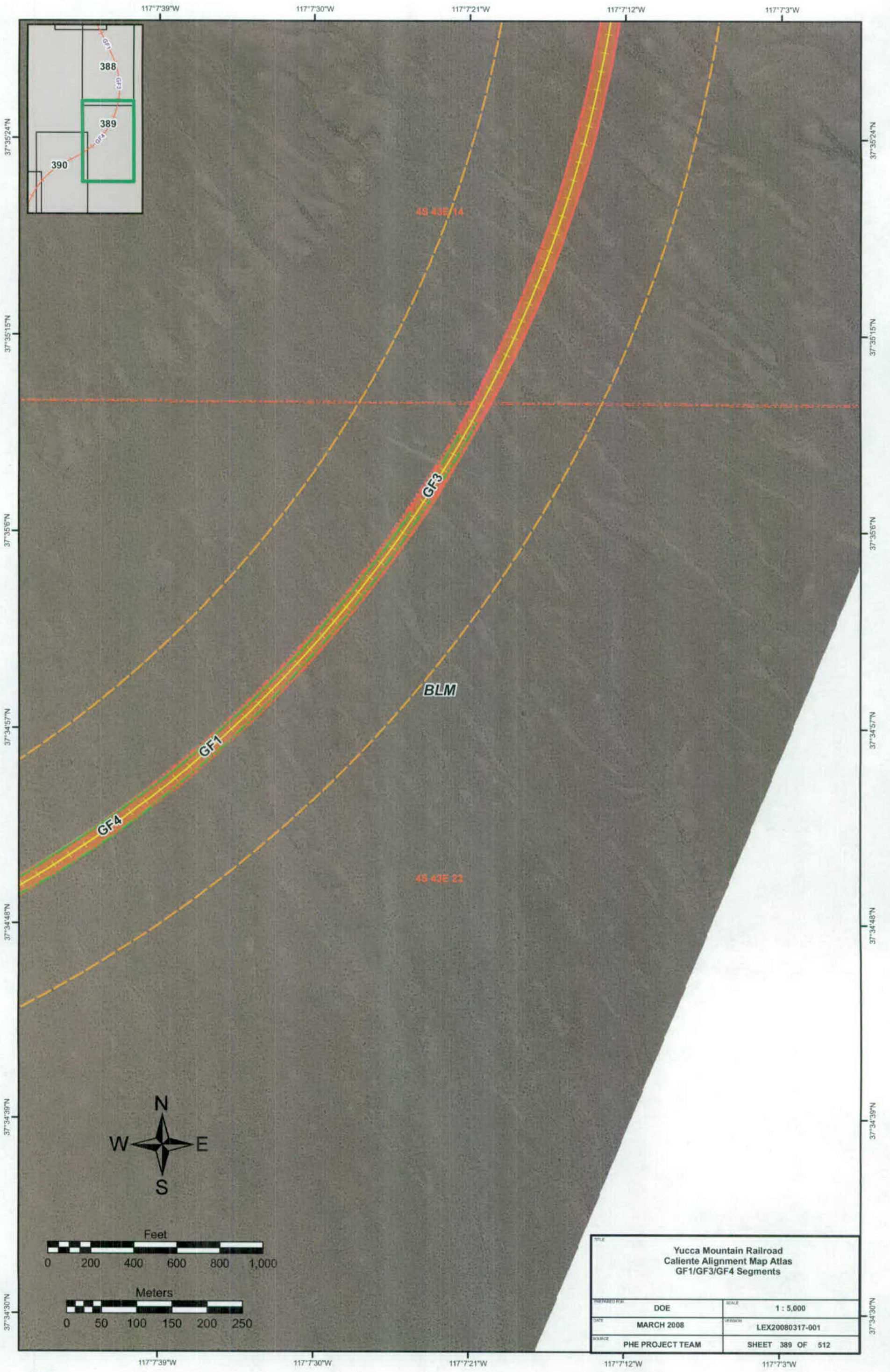
N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas GF1/GF3/GF4 Segments	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 387 OF 512

117°7'39"W
117°7'30"W
117°7'21"W
117°7'12"W
117°7'3"W
37°36'18"N
37°36'9"N
37°36'N
37°35'51"N
37°35'42"N
37°35'33"N
387
388
389
390
GF1
GF3
GF4
4S 43E 11
4S 43E 14
BLM
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
GF1/GF3/GF4 Segments
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 388 OF 512


117°7'39"W
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117°7'21"W
117°7'12"W
117°7'3"W
37°35'24"N
37°35'15"N
37°35'6"N
37°34'57"N
37°34'48"N
37°34'39"N
37°34'30"N
388
389
390
GF1
GF3
GF4
49 43E 14
BLM
49 43E 23
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
GF1/GF3/GF4 Segments
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 389 OF 512

117°8'24"W 117°8'15"W 117°8'6"W 117°7'57"W 117°7'48"W

37°34'57"N 37°34'48"N 37°34'39"N 37°34'30"N 37°34'21"N 37°34'12"N

388 389 390 391 392

GF4 GF1 GF3

Construction Camp 9

BLM

45 43E 22 45 43E 23 45 43E 27 45 43E 28

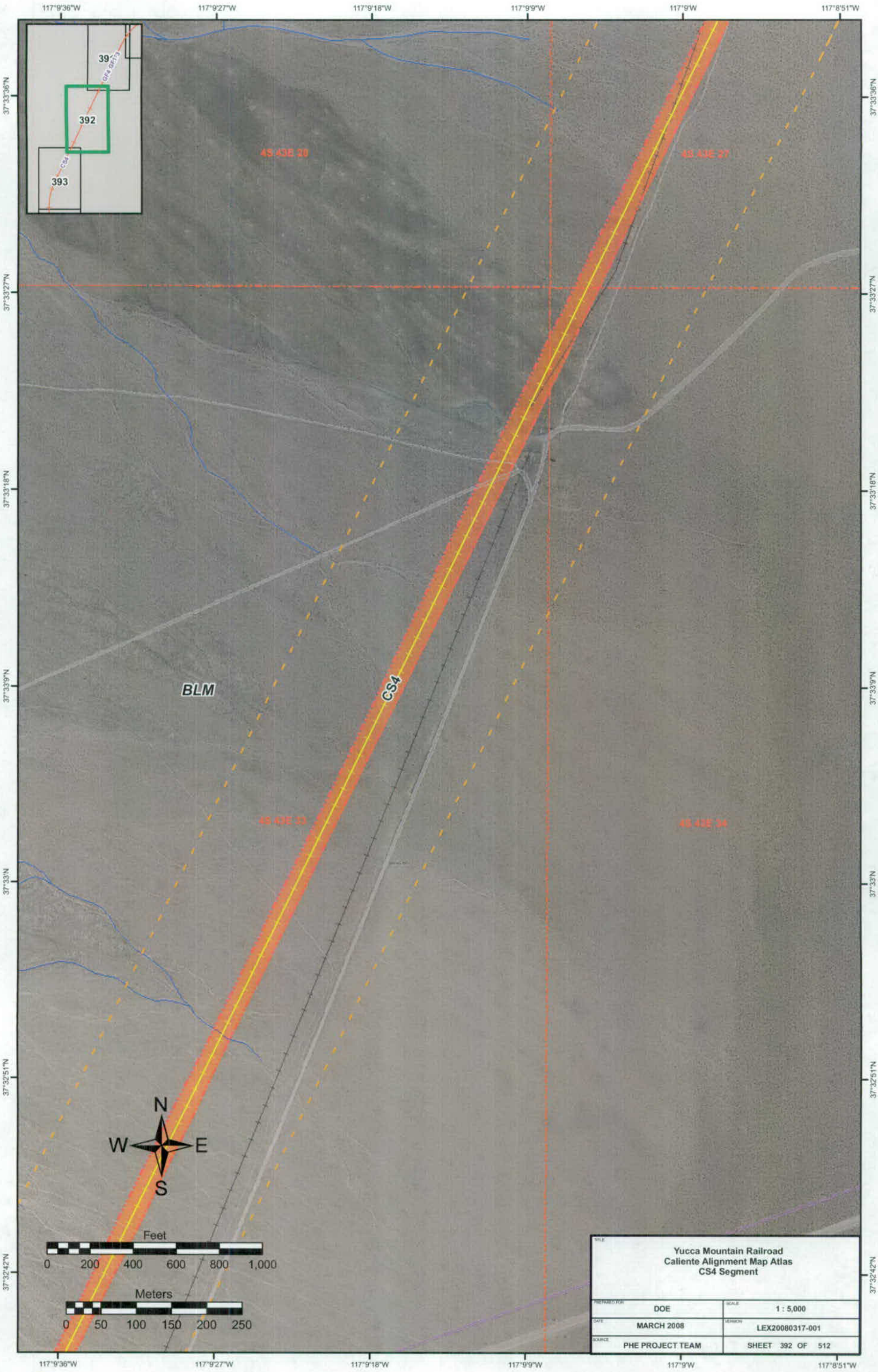
N W E S

Feet
0 200 400 600 800 1,000

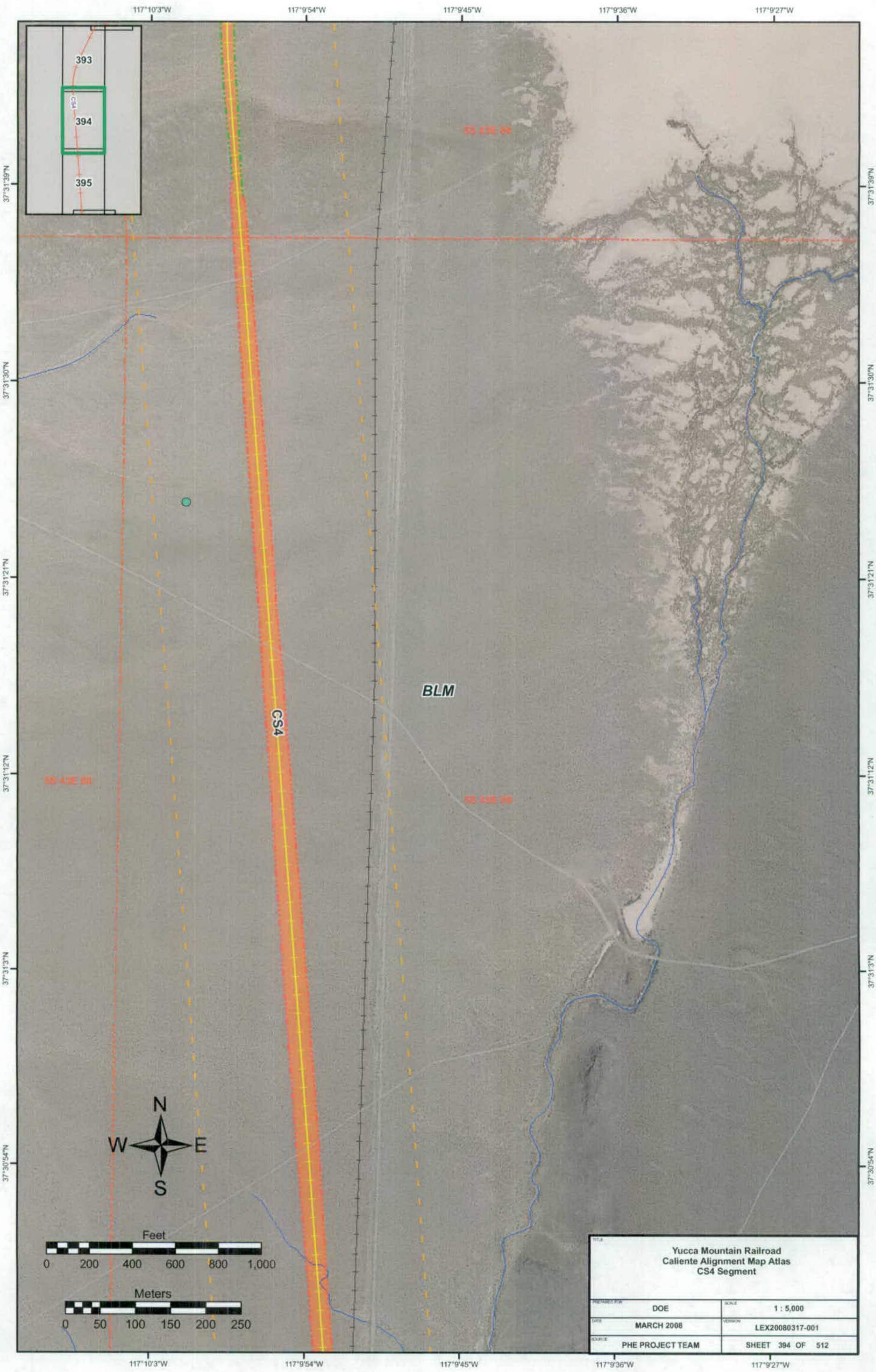
Meters
0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas GF1/GF3/GF4 Segments	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 390 OF 512

117°9'9"W
117°9'W
117°8'51"W
117°8'42"W
117°8'33"W
37°34'30"N
37°34'21"N
37°34'12"N
37°34'3"N
37°33'54"N
37°33'45"N
37°33'36"N
390
391
392
GF3
GF1
CS4
Construction Camp 9
4S 43E 22
BLM
GF4
GF1
GF3
4S 43E 26
4S 43E 27
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
CS4
Yucca Mountain Railroad
Caliente Alignment Map Atlas
GF1/GF3/GF4 Segments
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 391 OF 512


117°9'36"W
117°9'27"W
117°9'18"W
117°9'9"W
117°9'W
117°8'51"W
37°33'36"N
37°33'27"N
37°33'18"N
37°33'9"N
37°33'N
37°32'51"N
37°32'42"N
393
392
39
CS4
4S 43E 20
4S 43E 27
4S 43E 33
4S 43E 34
BLM
CS4
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS4 Segment
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 392 OF 512

117°10'3"W
117°9'54"W
117°9'45"W
117°9'36"W
117°9'27"W
37°32'42"N
37°32'33"N
37°32'24"N
37°32'15"N
37°32'6"N
37°31'57"N
37°31'48"N
392
393
394
CS4
48 43E 33
BLM
55 43E 04
56 43E 05
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS4 Segment
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 393 OF 512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117°9'54"W
117°9'45"W
117°9'36"W
117°9'27"W
37°31'39"N
37°31'30"N
37°31'21"N
37°31'12"N
37°31'3"N
37°30'54"N
393
394
395
CS4
55 43E 64
55 43E 68
55 43E 69
BLM
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS4 Segment
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 394 OF 512

117°10'3"W
117°9'54"W
117°9'45"W
117°9'36"W
117°9'27"W

37°30'45"N
37°30'36"N
37°30'27"N
37°30'18"N
37°30'9"N
37°30'N
37°29'51"N

394
395
396

55 43E 30

55 43E 17

BLM

CS4

55 43E 18

55 43E 20

55 43E 21

N
W
E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas CS4 Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 395 OF 512

117°9'54"W 117°9'45"W 117°9'36"W 117°9'27"W 117°9'18"W

37°29'51"N 37°29'42"N 37°29'33"N 37°29'24"N 37°29'15"N 37°29'6"N 37°28'57"N

395
396
397
398

18S 43E 16

18S 43E 21

BLM

CS4

18S 43E 28

N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas CS4 Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 396 OF 512

117°9'36"W
117°9'27"W
117°9'18"W
117°9'9"W
117°9'W
37°28'57"N
37°28'48"N
37°28'39"N
37°28'30"N
37°28'21"N
37°28'12"N
37°28'3"N

396
397
98
CS4
BC1 - BC2

55 43E 26
55 43E 27
55 43E 33
55 43E 34

BLM

CS4

N
W
E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS4 Segment

PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 397 OF 512

117°8'51"W 117°8'42"W 117°8'33"W 117°8'24"W 117°8'15"W

37°28'12"N
37°28'3"N
37°27'54"N
37°27'45"N
37°27'36"N
37°27'27"N
37°27'18"N

S5 43E 27

CS4

BC3

BC2

BLM

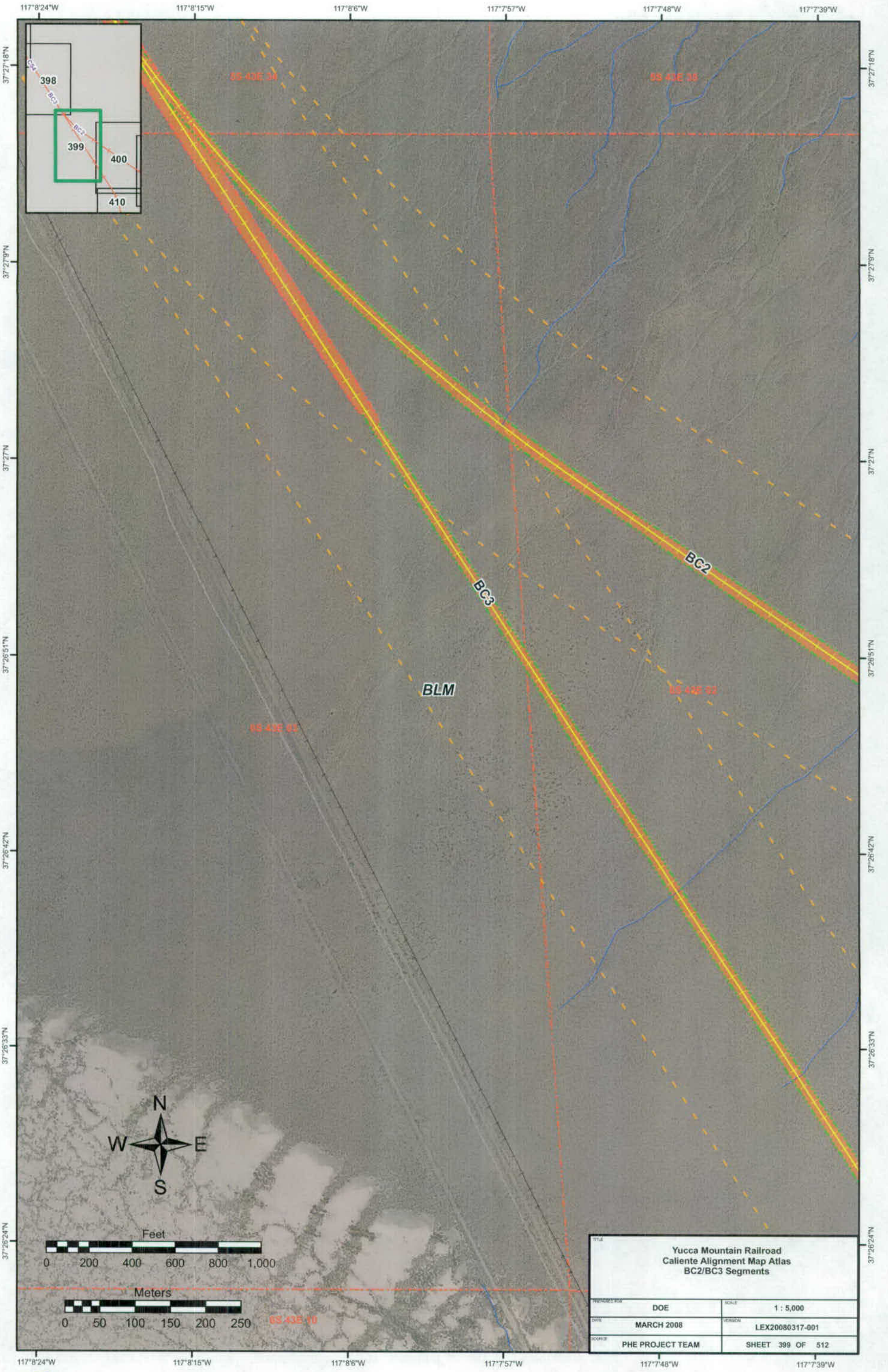
S5 43E 34

N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas BC2/BC3 Segments	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 398 OF 512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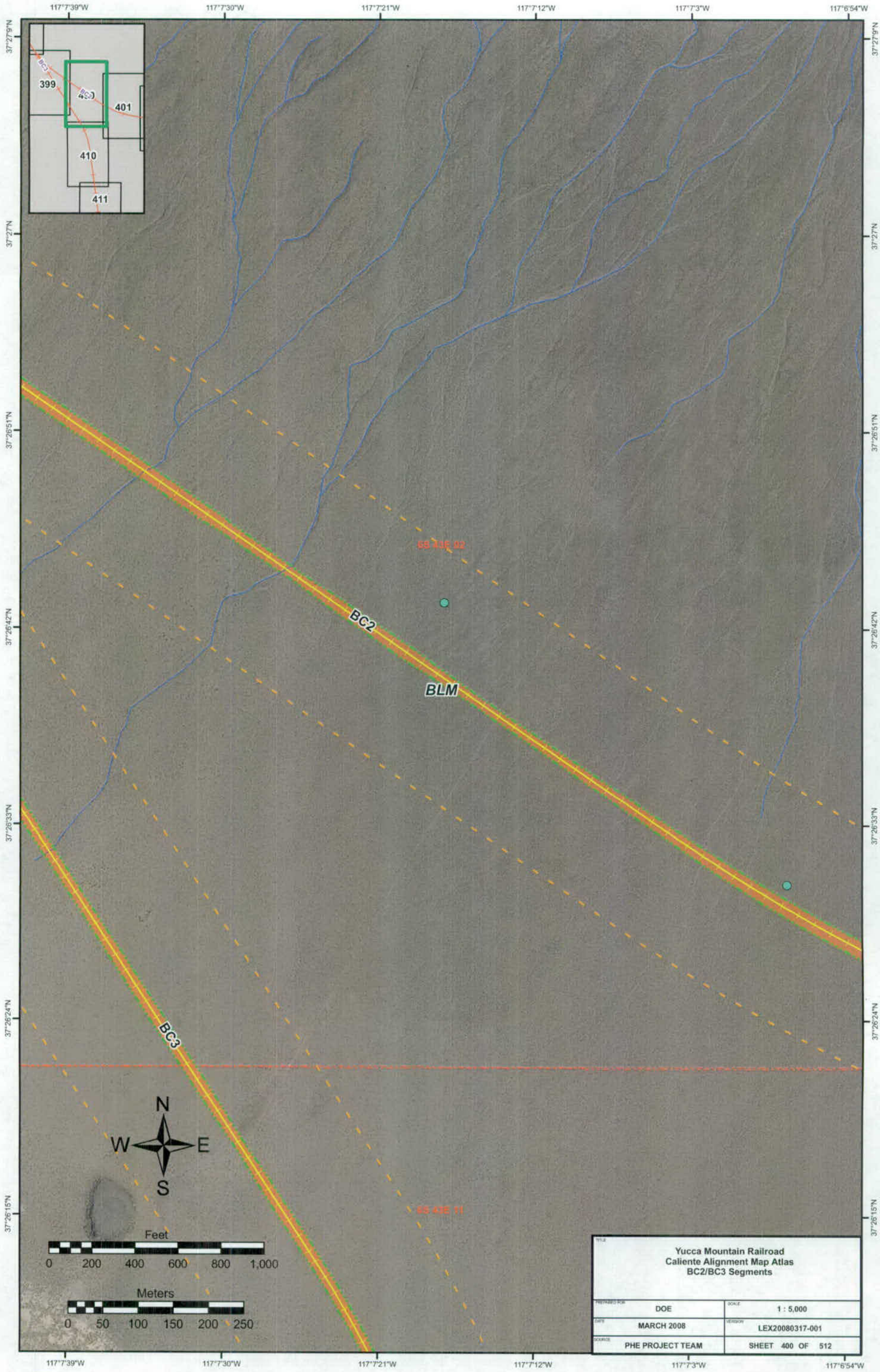
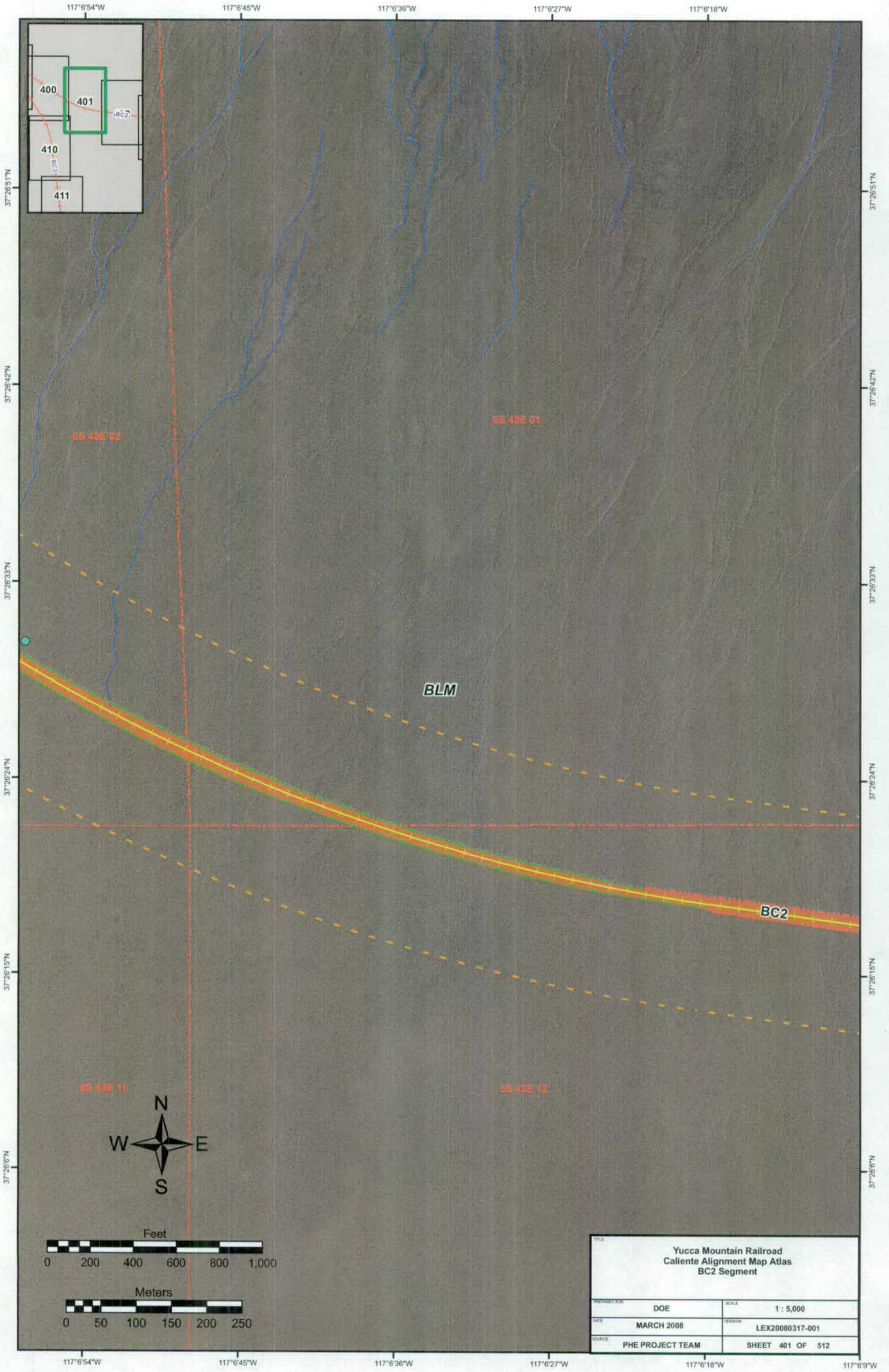
117°8'15"W
117°8'6"W
117°7'57"W
117°7'48"W
117°7'39"W
37°27'18"N
37°27'9"N
37°27'N
37°26'51"N
37°26'42"N
37°26'33"N
37°26'24"N
398
399
400
410
BC4
BC3
BC2
BC2
BC3
BLM
BS 43E 34
BS 43E 33
BS 43E 03
BS 43E 10
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
BC2/BC3 Segments
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 399 OF 512


117°7'39"W
117°7'30"W
117°7'21"W
117°7'12"W
117°7'3"W
117°6'54"W
37°27'9"N
37°27'N
37°26'51"N
37°26'42"N
37°26'33"N
37°26'24"N
37°26'15"N
399
401
410
411
BC2
BLM
BC3
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
BC2/BC3 Segments
DOE
1 : 5,000
MARCH 2008
LEX20080317-001
PHE PROJECT TEAM
SHEET 400 OF 512


117°6'54"W
117°6'45"W
117°6'36"W
117°6'27"W
117°6'18"W
117°6'9"W
37°26'51"N
37°26'42"N
37°26'33"N
37°26'24"N
37°26'15"N
37°26'6"N
400
401
410
411
BC2
BC1
BS 43E 02
BS 43E 01
BLM
BC2
BS 43E 11
BS 43E 12
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
BC2 Segment
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 401 OF 512

117°6'9"W 117°6'W 117°5'51"W 117°5'42"W 117°5'33"W

37°26'42"N 37°26'33"N 37°26'24"N 37°26'15"N 37°26'6"N 37°25'57"N 37°25'48"N

401 BC2 403

6S 43E 01 6S 44E 06

NEVADA TEST AND TRAINING RANGE

BC2

BLM

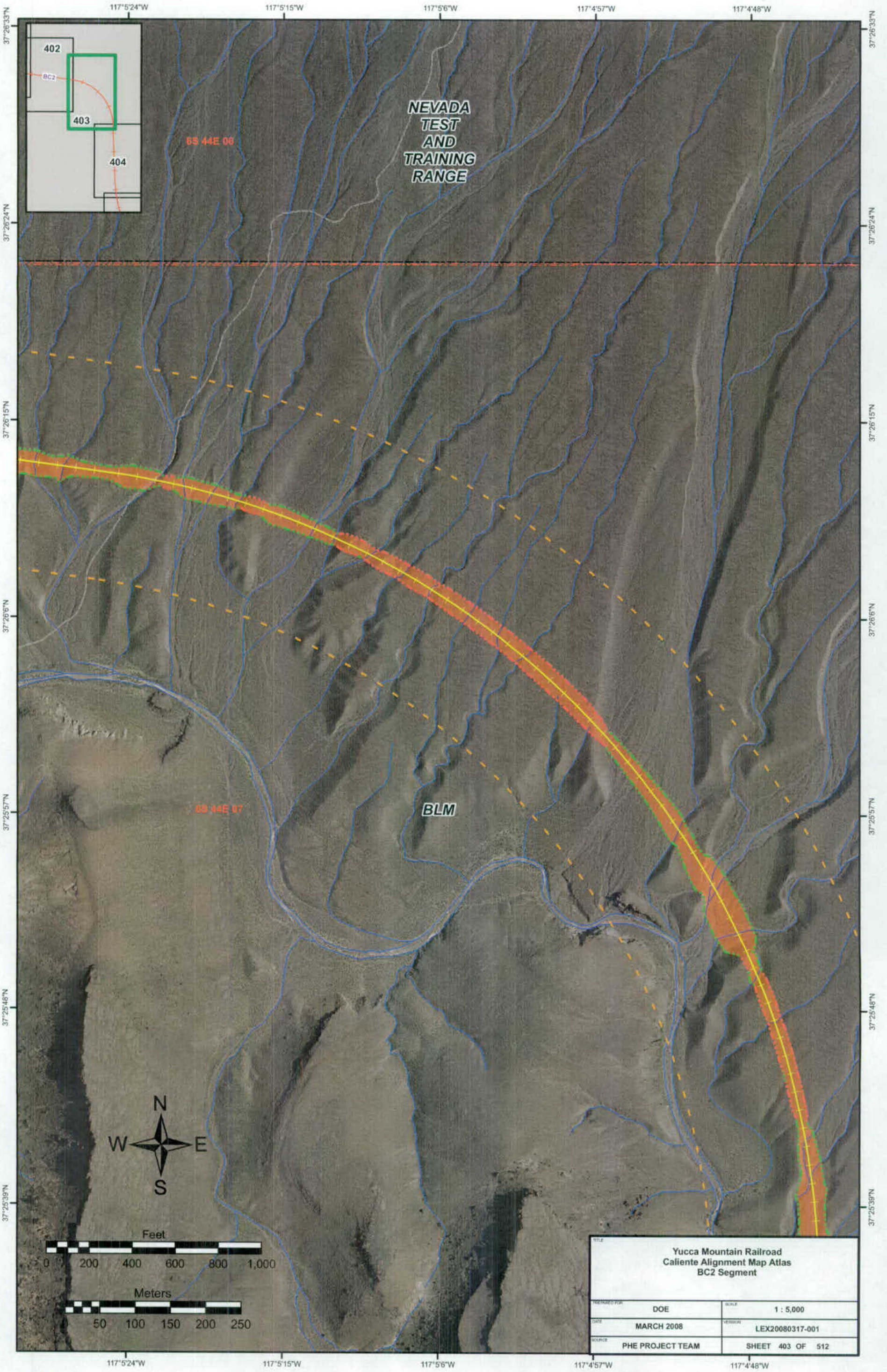
6S 43E 12 6S 44E 07

N W E S

Feet
0 200 400 600 800 1,000

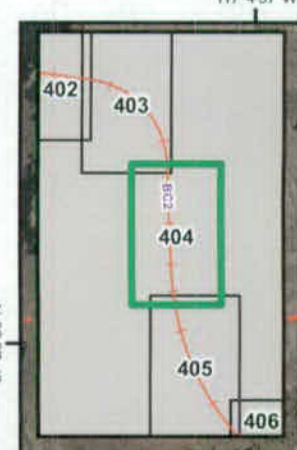
Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas BC2 Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 402 OF 512


117°5'24"W
117°5'15"W
117°5'6"W
117°4'57"W
117°4'48"W
37°26'33"N
37°26'24"N
37°26'15"N
37°26'6"N
37°25'57"N
37°25'48"N
37°25'39"N
402
403
404
BC2
65 44E 06
NEVADA TEST AND TRAINING RANGE
65 44E 07
BLM
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
BC2 Segment
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 403 OF 512

117°4'57"W 117°4'48"W 117°4'39"W 117°4'30"W 117°4'21"W

37°25'30"N 37°25'21"N 37°25'12"N 37°25'3"N 37°24'54"N 37°24'45"N 37°24'36"N



6S 44E 07

6S 44E 08

BC2

BLM

6S 44E 18

NEVADA TEST AND TRAINING RANGE

6S 44E 17

6S 44E 19

N
W
E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas BC2 Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 404 OF 512

117°4'48"W 117°4'39"W 117°4'30"W 117°4'21"W 117°4'12"W

37°24'36"N
37°24'27"N
37°24'18"N
37°24'9"N
37°24'N
37°23'51"N
37°23'42"N

404
405
406

TEST AND TRAINING RANGE

BC2

BLM

65 44E 19
65 44E 20

N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas BC2 Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 405 OF 512

117°4'3"W 117°3'54"W 117°3'45"W 117°3'36"W 117°3'27"W

37°23'51"N 37°23'42"N 37°23'33"N 37°23'24"N 37°23'15"N 37°23'6"N 37°22'57"N

404
405
406
407
408
BC2

NEVADA TEST AND TRAINING RANGE

65 44E 20

65 44E 21

BLM

65 44E 29

65 44E 28

BC2

N
W E
S

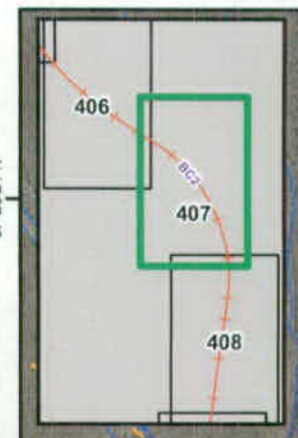
Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas BC2 Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 406 OF 512

117°3'18"W 117°3'9"W 117°3'W 117°2'51"W 117°2'42"W

37°23'24"N
37°23'15"N
37°23'6"N
37°22'57"N
37°22'48"N
37°22'39"N
37°22'30"N



BC2

65 44E 28

BLM

65 44E 33

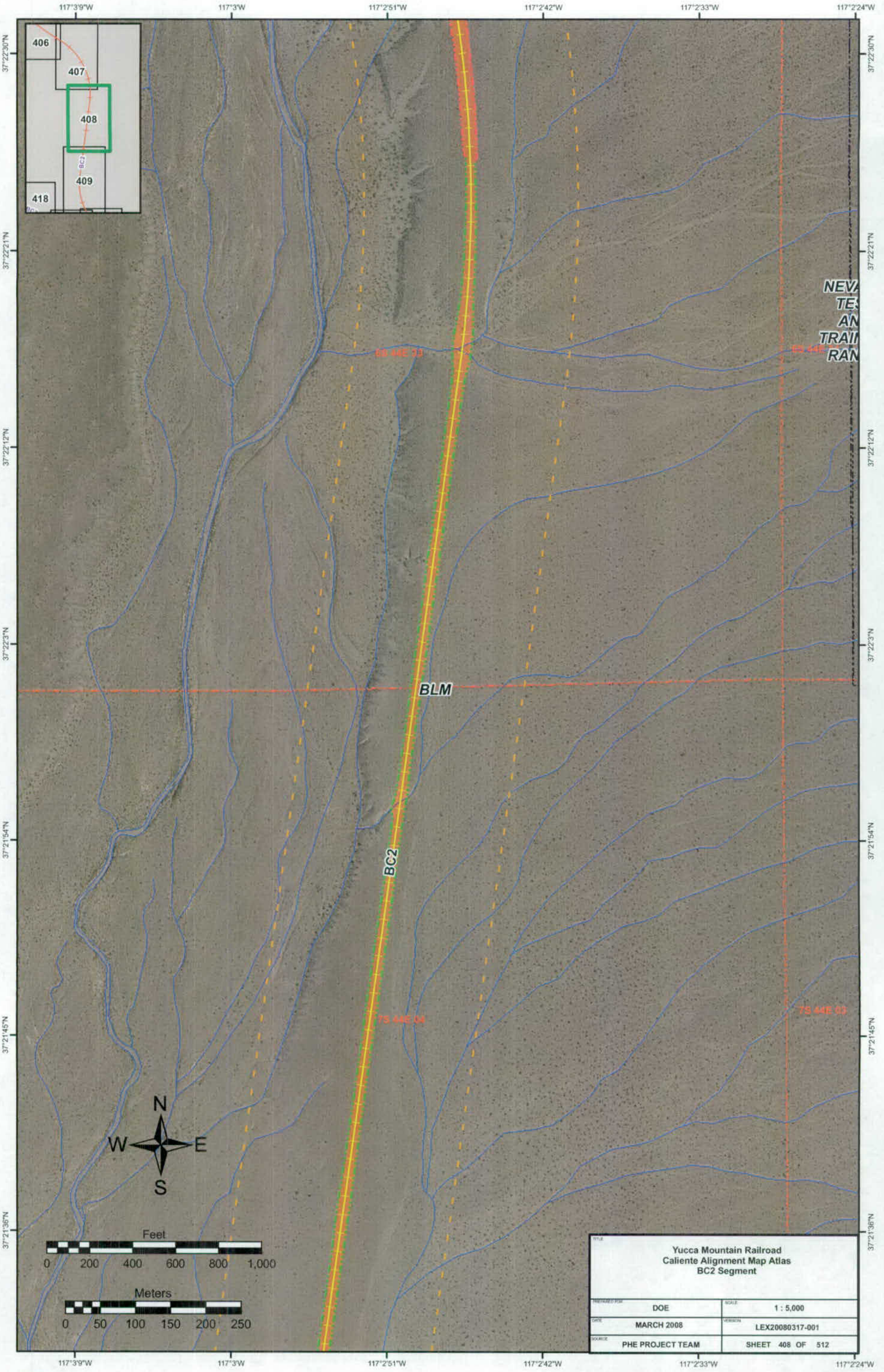
N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas BC2 Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 407 OF 512

117°3'18"W 117°3'9"W 117°3'W 117°2'51"W 117°2'42"W


117°3'9"W
117°3'W
117°2'51"W
117°2'42"W
117°2'33"W
117°2'24"W
37°22'30"N
37°22'21"N
37°22'12"N
37°22'3"N
37°21'54"N
37°21'45"N
37°21'36"N
406
407
408
409
418
BC2
BLM
75 44E 04
75 44E 03
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
BC2 Segment
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 408 OF 512

117°3'9"W 117°3'W 117°2'51"W 117°2'42"W 117°2'33"W

37°21'27"N 37°21'18"N 37°21'9"N 37°21'N 37°20'51"N 37°20'42"N

TS 44E 04

BC2

BLM

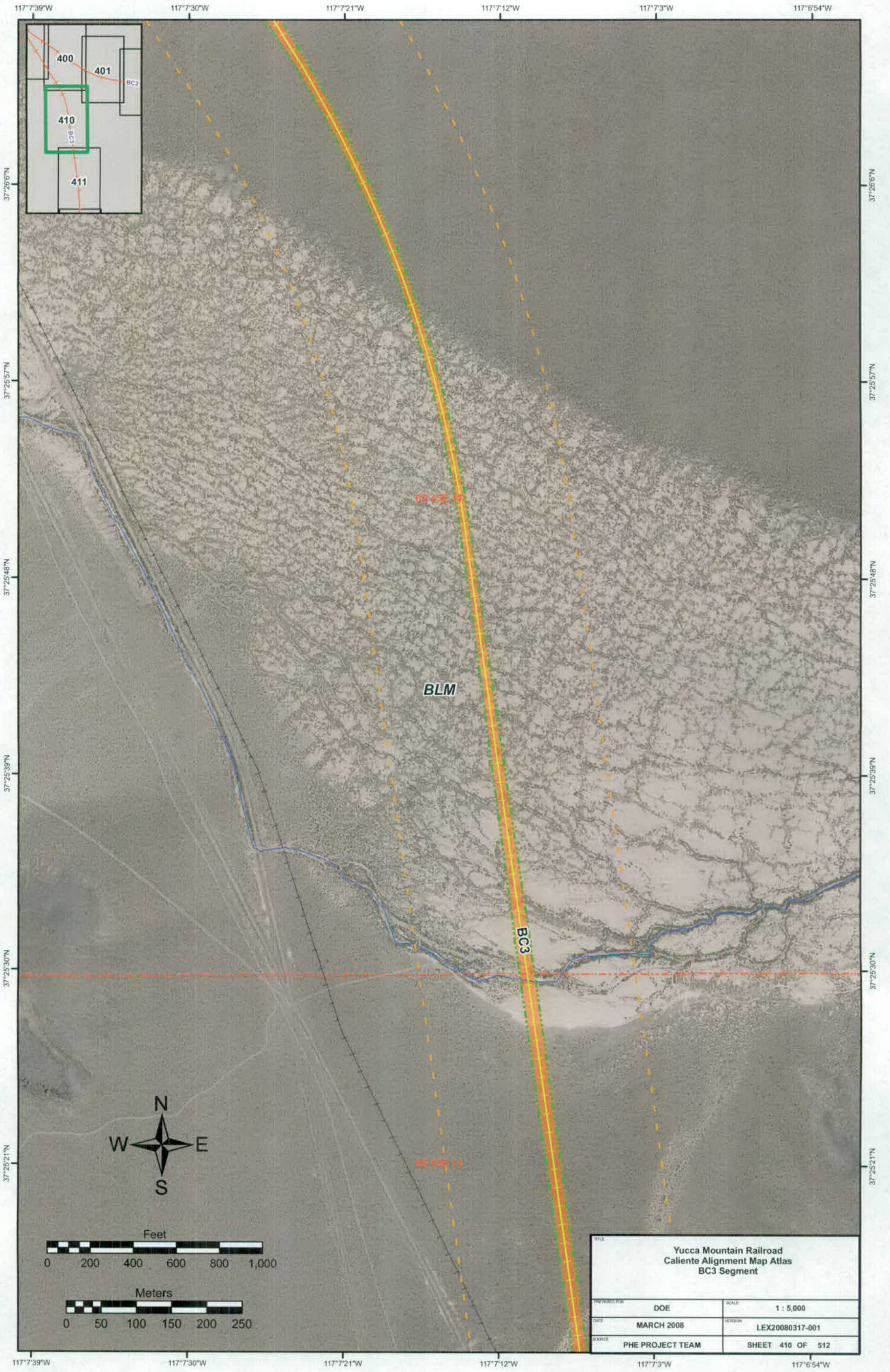
TS 44E 05

N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas BC2 Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 409 OF 512


117°7'39"W
117°7'30"W
117°7'21"W
117°7'12"W
117°7'3"W
117°6'54"W
37°26'6"N
37°25'57"N
37°25'48"N
37°25'39"N
37°25'30"N
37°25'21"N
400
401
410
411
BC2
BC3
BLM
BC3
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
BC3 Segment
DOE
1 : 5,000
MARCH 2008
LEX20080317-001
PHE PROJECT TEAM
SHEET 410 OF 512

117°7'21"W
117°7'12"W
117°7'3"W
117°6'54"W
117°6'45"W
37°25'12"N
37°25'3"N
37°24'54"N
37°24'45"N
37°24'36"N
37°24'27"N
37°24'18"N
401
410
411
412
BC3
BLM
68 436 14
68 436 13
68 436 23
68 436 24
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
BC3 Segment
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 411 OF 512

117°7'21"W
117°7'12"W
117°7'3"W
117°6'54"W
117°6'45"W
117°6'36"W
37°24'18"N
37°24'9"N
37°24'N
37°23'51"N
37°23'42"N
37°23'33"N
37°23'24"N
411
412
413
BC3
6S 43E 23
6S 43E 24
6S 43E 26
6S 43E 25
BLM
BC3
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
TITLE
Yucca Mountain Railroad
Caliente Alignment Map Atlas
BC3 Segment
PREPARED FOR
DOE
SCALE
1 : 5,000
DATE
MARCH 2008
VERSION
LEX20080317-001
SOURCE
PHE PROJECT TEAM
SHEET 412 OF 512

117°7'21"W
117°7'12"W
117°7'3"W
117°6'54"W
117°6'45"W
37°23'24"N
37°23'15"N
37°23'6"N
37°22'57"N
37°22'48"N
37°22'39"N
37°22'30"N

412
413
414
415
BC3

BC3

BLM

65 43E 25
65 43E 26
65 43E 35
65 43E 36

N
W
E
S

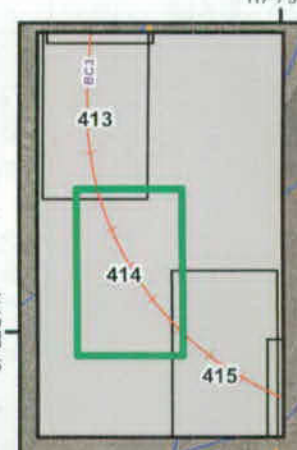
Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas BC3 Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 413 OF 512

117°7'3"W 117°6'54"W 117°6'45"W 117°6'36"W 117°6'27"W

37°22'21"N 37°22'12"N 37°22'3"N 37°21'54"N 37°21'45"N 37°21'36"N 37°21'27"N



65 43E 35

65 43E 36

BLM

BC3

75 43E 02

75 43E 01

95

Telephone Line

N
W E
S

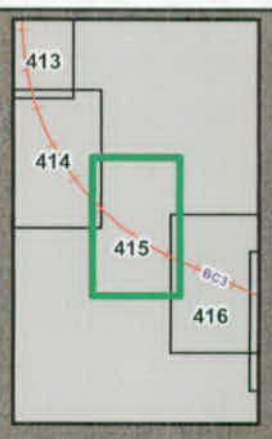
Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas BC3 Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 414 OF 512

117°6'18"W 117°6'9"W 117°6'W 117°5'51"W 117°5'42"W

37°21'54"N
37°21'45"N
37°21'36"N
37°21'27"N
37°21'18"N
37°21'9"N
37°21'N



BC3

BLM

79 43E 01

79 44E 06

79 43E 12

79 44E 07

N
W
E
S
Tangent Line

95

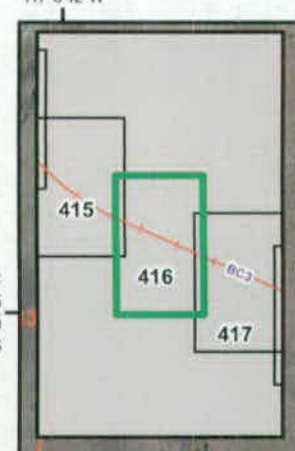
Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas BC3 Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 415 OF 512

117°5'42"W 117°5'33"W 117°5'24"W 117°5'15"W 117°5'6"W 117°4'57"W

37°21'27"N 37°21'18"N 37°21'9"N 37°21'N 37°20'51"N 37°20'42"N 37°20'33"N



75 44E 08

BC3

BLM

75 44E 07

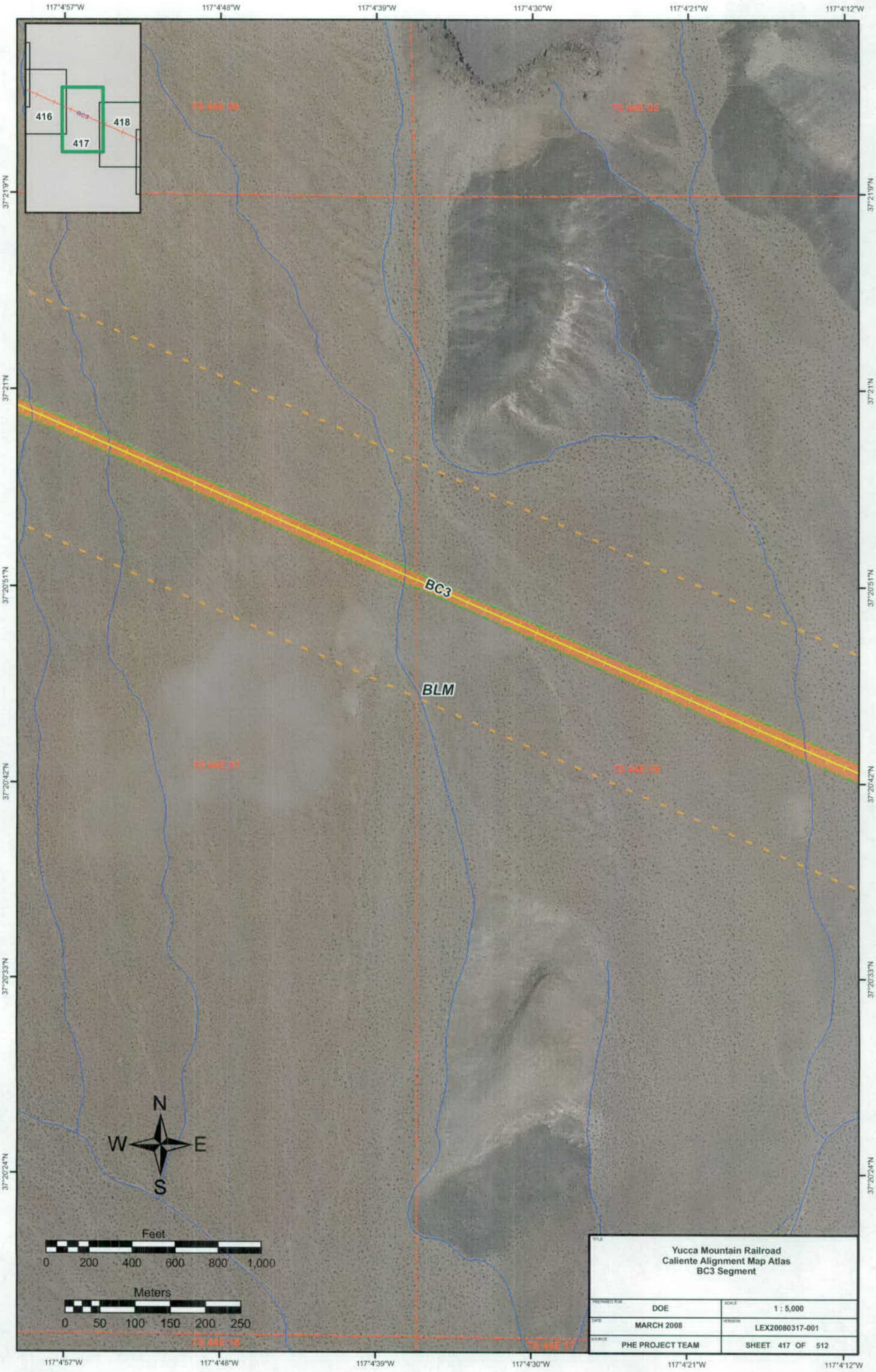
N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas BC3 Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 416 OF 512

117°5'42"W 117°5'33"W 117°5'24"W 117°5'15"W 117°5'6"W 117°4'57"W



Yucca Mountain Railroad
Caliente Alignment Map Atlas
BC3 Segment

DOE	1 : 5,000
MARCH 2008	LEX20080317-001
PHE PROJECT TEAM	SHEET 417 OF 512

Yucca Mountain Railroad Caliente Alignment Map Atlas BC3 Segment	
REQUESTED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SUBJECT: PHE PROJECT TEAM	SHEET 418 OF 512

0 50 100 150 200 250
Meters

0 200 400 600 800 1,000
Feet

S
W E
N

BLM

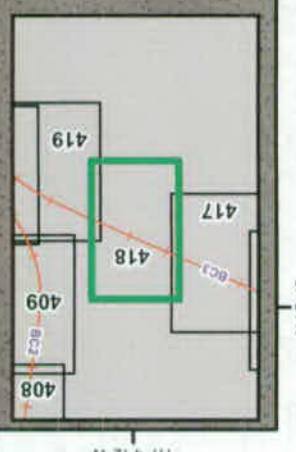
BC3

Railroad Siding Location

T5 44E 17
T5 44E 18
T5 44E 08
T5 44E 09

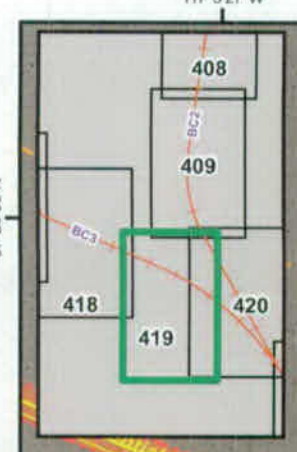
117°4'12"W
117°4'3"W
117°3'54"W
117°3'45"W
117°3'36"W

37°20'6"N
37°20'15"N
37°20'24"N
37°20'33"N
37°20'42"N
37°20'51"N
37°21'N



117°3'27"W 117°3'18"W 117°3'9"W 117°3'W 117°2'51"W

37°20'33"N 37°20'24"N 37°20'15"N 37°20'6"N 37°19'57"N 37°19'48"N 37°19'39"N



Potential Siding Location

TS 44E 09

BC3

BC2

BLM

TS 44E 16

TS 44E 17

N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas BC2/BC3 Segments	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 419 OF 512

117°2'51"W 117°2'42"W 117°2'33"W 117°2'24"W 117°2'15"W

37°20'33"N 37°20'24"N 37°20'15"N 37°20'6"N 37°19'57"N 37°19'48"N 37°19'39"N

75 44E 09

75 44E 10

75 44E 15

75 44E 16

BLM

BC2

Potential Siding Location

BC3

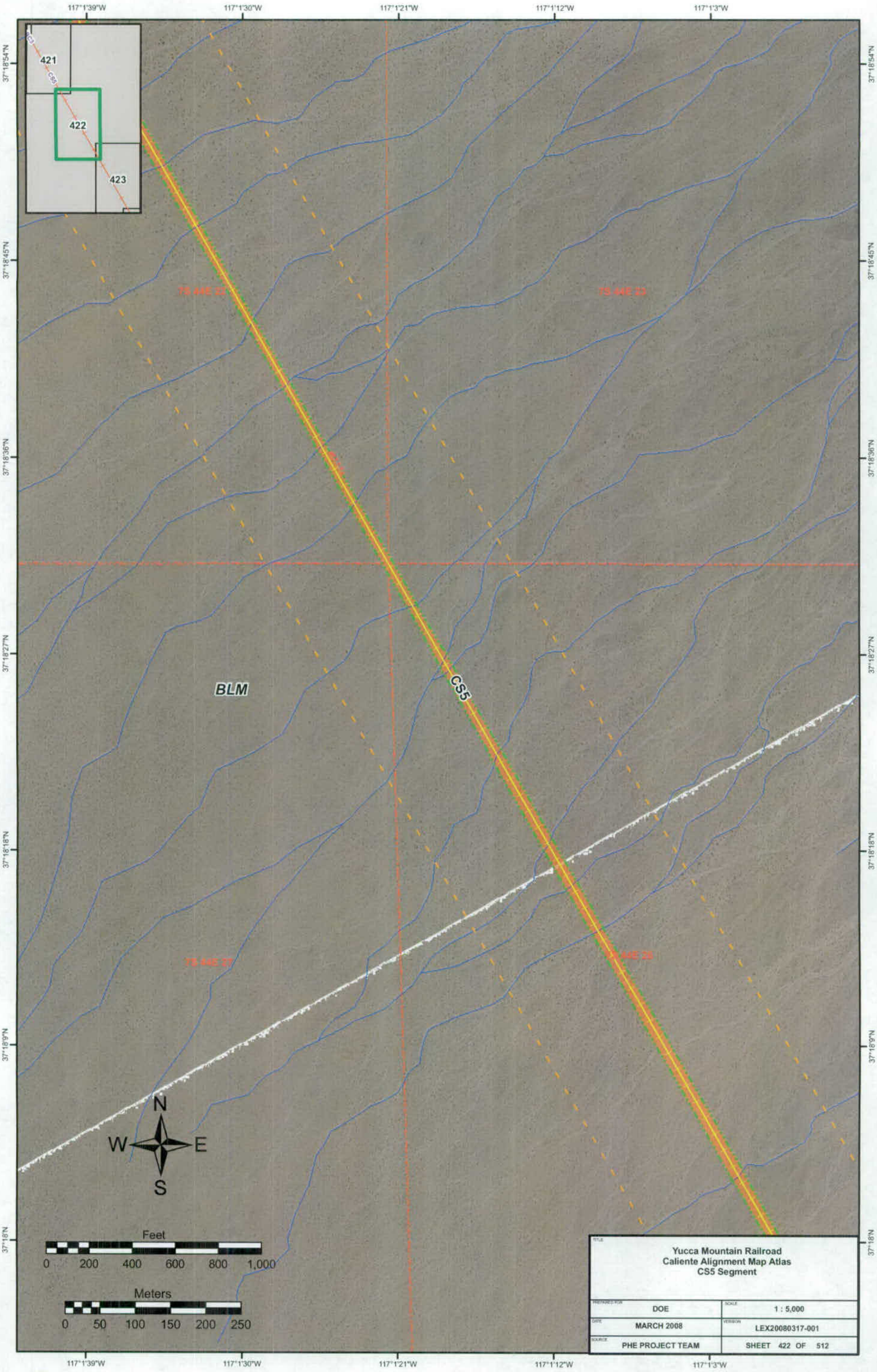
N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

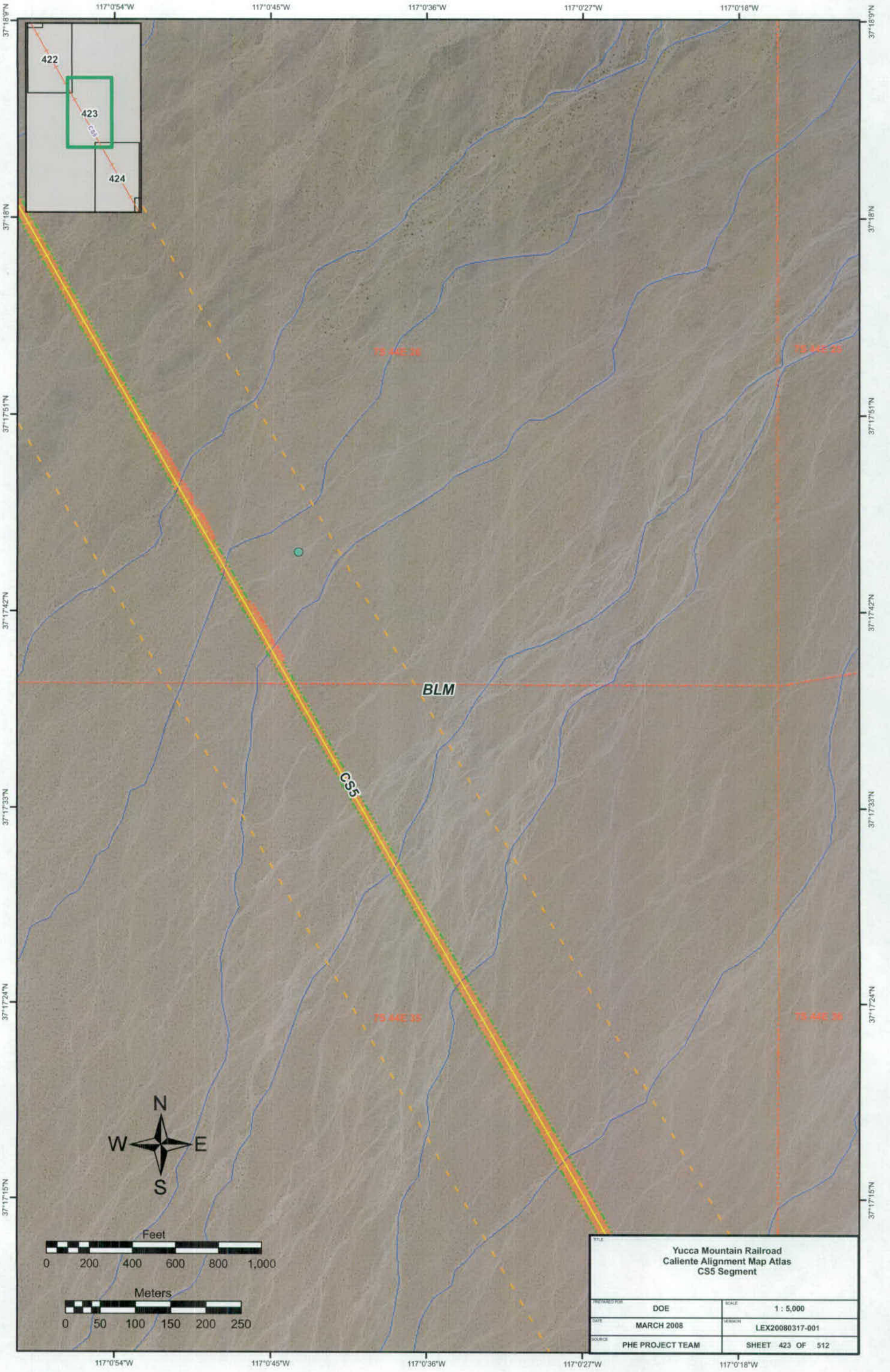
TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas BC2/BC3 Segments	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 420 OF 512

117°2'15"W
117°2'6"W
117°1'57"W
117°1'48"W
117°1'39"W
117°1'30"W
37°19'48"N
37°19'39"N
37°19'30"N
37°19'21"N
37°19'12"N
37°19'3"N
37°18'54"N
421
422
BC2
BC3
BLM
CS5
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS5 Segment
DOE
1 : 5,000
MARCH 2008
LEX20080317-001
PHE PROJECT TEAM
SHEET 421 OF 512

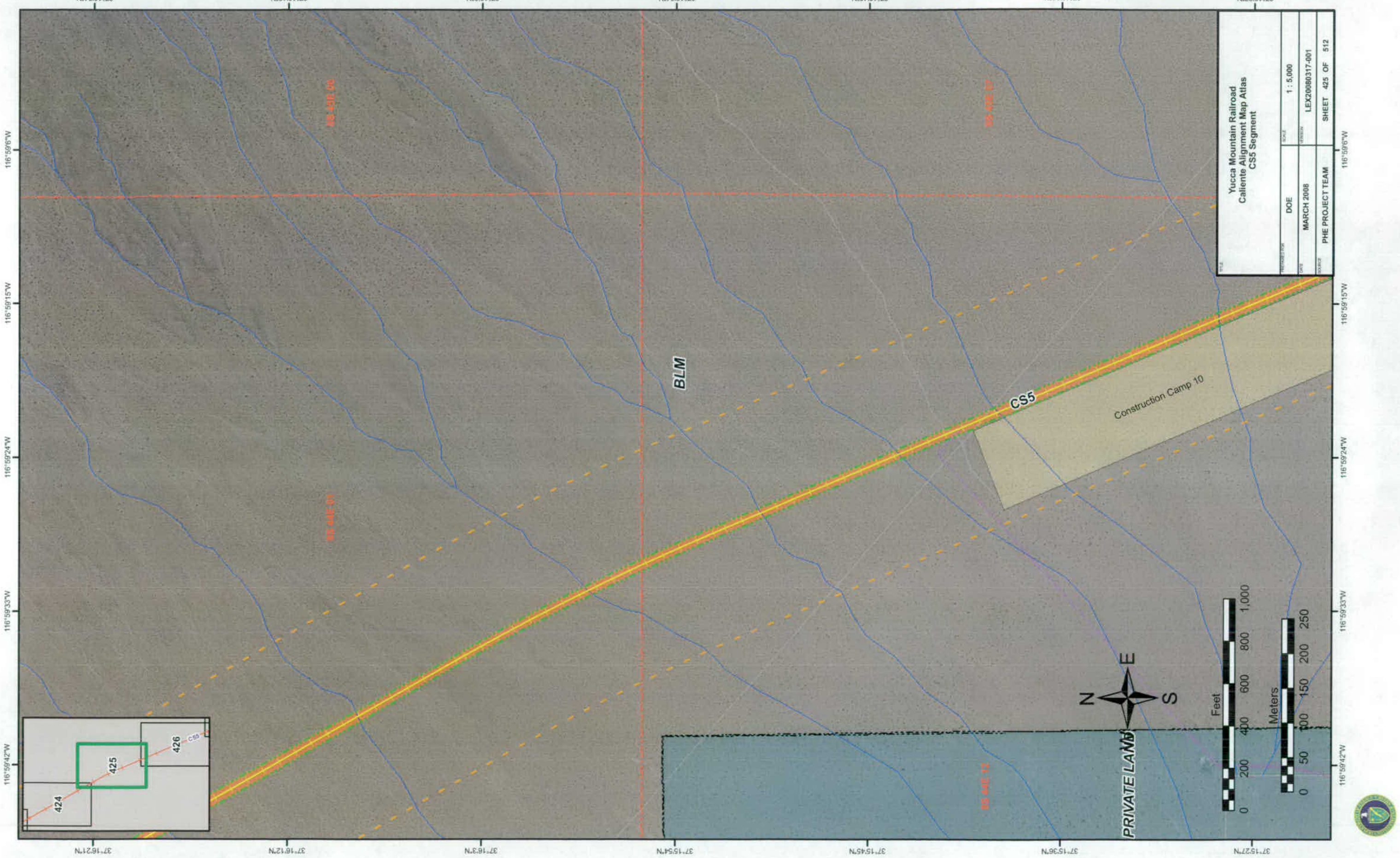


Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS5 Segment

PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 422 OF 512


117°0'54"W
117°0'45"W
117°0'36"W
117°0'27"W
117°0'18"W
37°18'9"N
37°18'N
37°17'51"N
37°17'42"N
37°17'33"N
37°17'24"N
37°17'15"N
422
423
424
CS5
BLM
TS 44E 36
TS 44E 35
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS5 Segment
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 423 OF 512

117°0'27"W
117°0'18"W
117°0'9"W
117°W
116°59'51"W
116°59'42"W
37°17'6"N
37°16'57"N
37°16'48"N
37°16'39"N
37°16'30"N
37°16'21"N
37°16'12"N
423
424
425
CS5
BLM
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS5 Segment
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 424 OF 512


Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS5 Segment
DOE
1 : 5,000
MARCH 2008
LEX20080317-001
PHE PROJECT TEAM
SHEET 425 OF 512
BS 45E 05
BS 45E 07
BS 45E 01
BS 44E 12
BLM
PRIVATE LAND
CS5
Construction Camp 10
424
425
426
N
E
S
Feet
0
200
400
600
800
1,000
Meters
0
50
100
150
200
250
37°16'21"N
37°16'12"N
37°16'3"N
37°15'54"N
37°15'45"N
37°15'36"N
37°15'27"N
116°59'6"W
116°59'15"W
116°59'24"W
116°59'33"W
116°59'42"W

116°59'15"W 116°59'6"W 116°58'57"W 116°58'48"W 116°58'39"W

37°15'27"N 37°15'18"N 37°15'9"N 37°15'N 37°14'51"N 37°14'42"N 37°14'33"N

425

426

427

CS5

Camp 10

BS 44E 12

BS 45E 07

BLM

CS5

BS 44E 13

BS 45E 18

N

W E

S

Feet

0 200 400 600 800 1,000

Meters

0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas CS5 Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 426 OF 512

116°59'15"W 116°59'6"W 116°58'57"W 116°58'48"W 116°58'39"W

116°58'48"W 116°58'39"W 116°58'30"W 116°58'21"W 116°58'12"W 116°58'3"W

37°14'24"N
37°14'15"N
37°14'6"N
37°13'57"N
37°13'48"N
37°13'39"N

426
427
428
CS5

BLM

CS5

Telephone Line

N
W E
S

Feet
0 200 400 600 800 1,000

95

Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas CS5 Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 427 OF 512

116°58'21"W 116°58'12"W 116°58'3"W 116°57'54"W 116°57'45"W 116°57'36"W

37°13'30"N
37°13'21"N
37°13'12"N
37°13'3"N
37°12'54"N
37°12'45"N
37°12'36"N

427
428
429

CS5

BS 45E 1

BS 45E 20

BS 45E 30

BS 45E 29

BLM

Telephone Line

95

N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas CS5 Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 428 OF 512

Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS5 Segment

TITLE	
REVIEWED FOR	DOE
SCALE	1 : 5,000
DATE	MARCH 2008
VERSION	LEX200803317-001
SOURCE	PHE PROJECT TEAM
SHEET	429 OF 512

116°56'51"W
116°57'W
116°57'9"W
116°57'18"W
116°57'27"W
116°57'36"W

37°12'45"N
37°12'36"N
37°12'27"N
37°12'18"N
37°12'9"N
37°12'N
37°11'51"N

BS 45E 28
BS 45E 29
BS 45E 30
BS 45E 31
BLM
CS5
Telephone Line
95

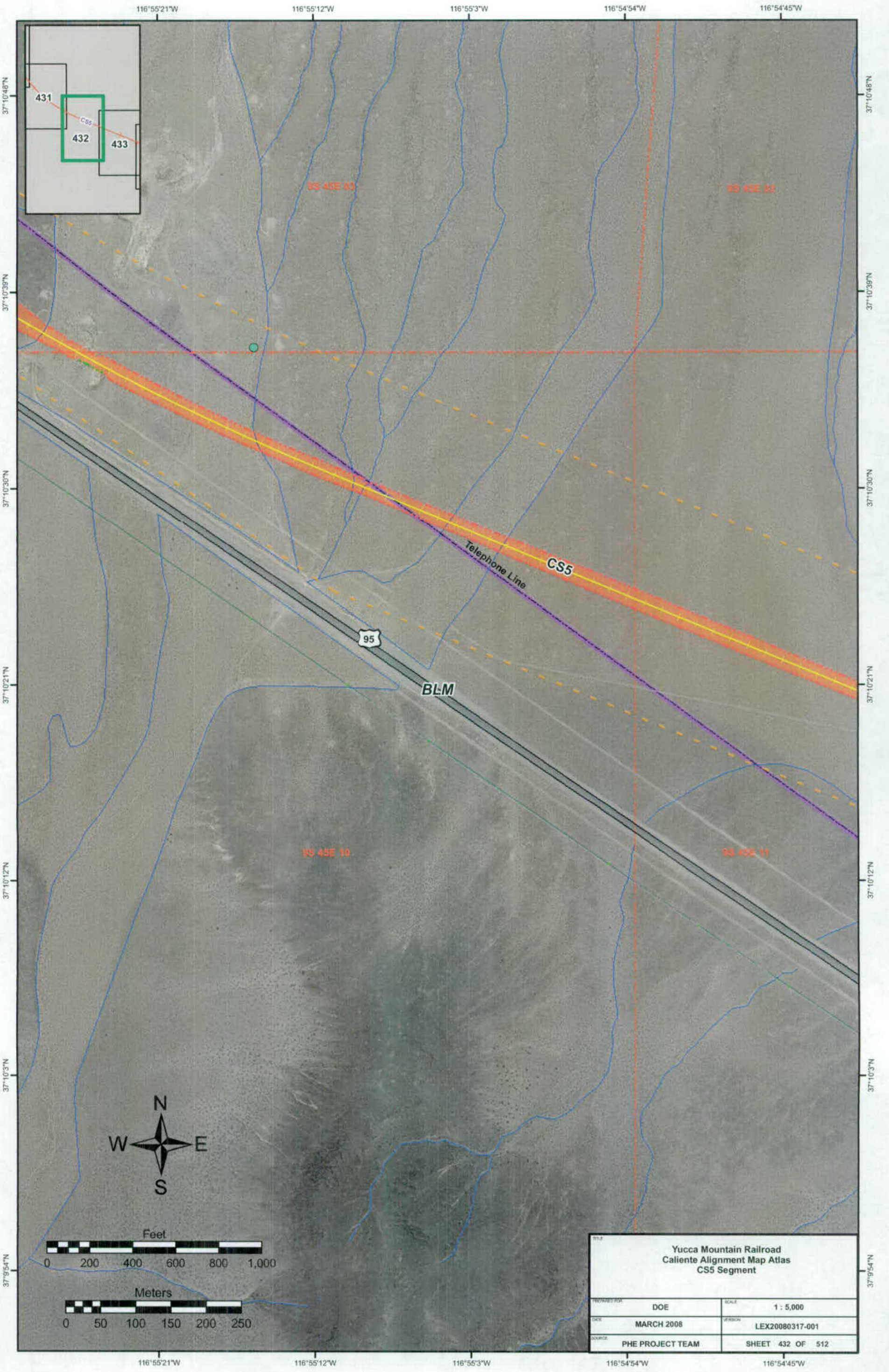
N
E
S
W

Feet: 0, 200, 400, 600, 800, 1,000
Meters: 0, 50, 100, 150, 200, 250

428
429
430
CS5

Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS5 Segment
DOE
1 : 5,000
MARCH 2008
LEX20080317-001
PHE PROJECT TEAM
SHEET 430 OF 512
Telephone Line
CS5
95
BLM
N
E
S
W
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
429
430
431
116°56'15"W
116°56'24"W
116°56'33"W
116°56'42"W
116°56'51"W
37°11'51"N
37°11'42"N
37°11'33"N
37°11'24"N
37°11'15"N
37°11'6"N

116°56'6"W
116°55'57"W
116°55'48"W
116°55'39"W
116°55'30"W
37°11'15"N
37°11'6"N
37°10'57"N
37°10'48"N
37°10'39"N
37°10'30"N
37°10'21"N
430
431
432
CS5
BLM
95
Telephone Line
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS5 Segment
DOE
1 : 5,000
MARCH 2008
LEX20080317-001
PHE PROJECT TEAM
SHEET 431 OF 512


116°55'21"W
116°55'12"W
116°55'3"W
116°54'54"W
116°54'45"W
37°10'48"N
37°10'39"N
37°10'30"N
37°10'21"N
37°10'12"N
37°10'3"N
37°9'54"N
431
432
433
CS5
95 45E 03
95 45E 02
95 45E 10
95 45E 11
Telephone Line
CS5
95
BLM
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS5 Segment
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 432 OF 512

116°54'45"W 116°54'36"W 116°54'27"W 116°54'18"W 116°54'9"W 116°54"W

37°10'30"N

37°10'21"N

37°10'12"N

37°10'3"N

37°9'54"N

37°9'45"N

9S 45E 02

9S 45E 11

9S 45E 14

CS5

432 433 434

Telephone Line

BLM

95

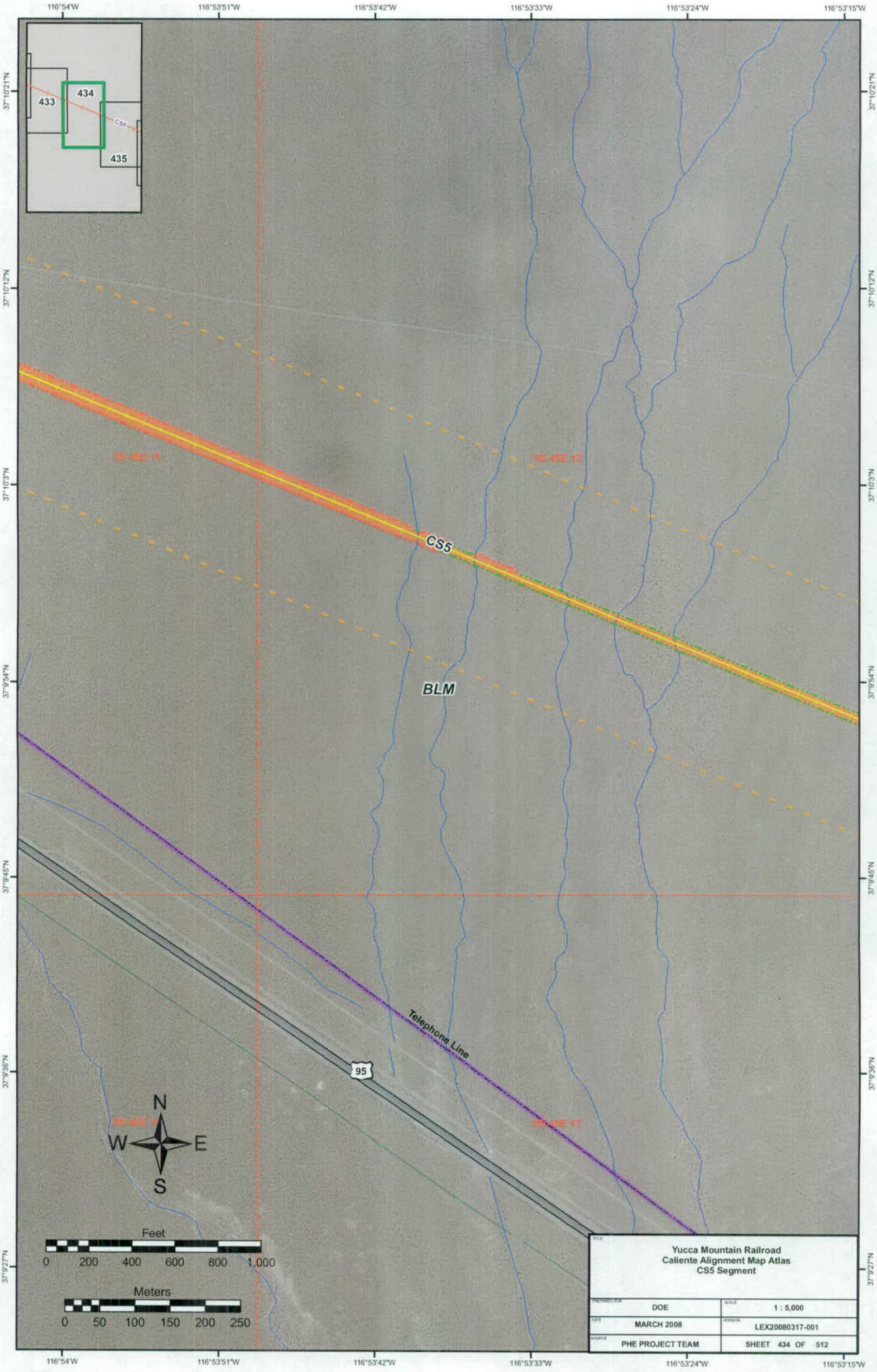
N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS5 Segment

PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 433 OF 512


116°54'W
116°53'51"W
116°53'42"W
116°53'33"W
116°53'24"W
116°53'15"W
37°10'21"N
37°10'12"N
37°10'3"N
37°9'54"N
37°9'45"N
37°9'36"N
37°9'27"N
433
434
435
CS5
BS 43E 11
BS 45E 12
BS 45E 13
BS 45E 14
BLM
Telephone Line
95
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS5 Segment
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 434 OF 512

Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS5 Segment

DRAWN/CHECKED	DOE
SCALE	1 : 5,000
DATE	MARCH 2008
DRAWING	LEX200803317-001
SOURCE	PHE PROJECT TEAM
	SHEET 435 OF 512

CS5

BLM

95 ASE 12

95 ASE 13

95 ASE 17

95 ASE 18

Telephone Line

95

37°10.3'N
37°9.54'N
37°9.45'N
37°9.36'N
37°9.27'N
37°9.18'N
37°9.9'N

116°52'39"W
116°52'48"W
116°52'57"W
116°53'6"W
116°53'15"W

N E S W

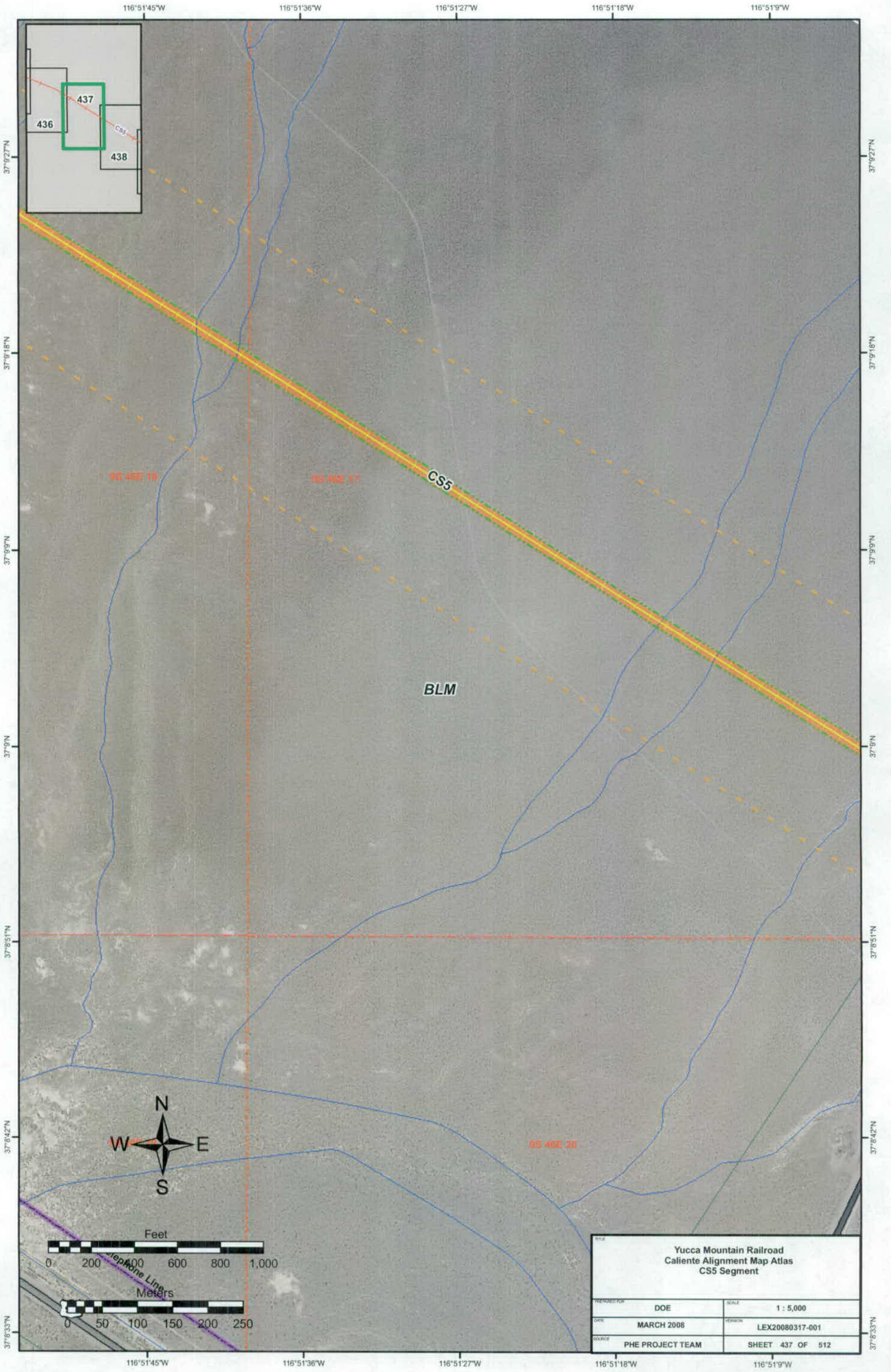
Feet 0 200 400 600 800 1,000

Meters 0 50 100 150 200 250

434 435 436

Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS5 Segment

PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 436 OF 512


116°51'45"W
116°51'36"W
116°51'27"W
116°51'18"W
116°51'9"W
37°9'27"N
37°9'18"N
37°9'9"N
37°9'N
37°8'51"N
37°8'42"N
37°8'33"N
436
437
438
CS5
BLM
09 46E 18
09 46E 17
09 46E 20
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Telephone Line
Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS5 Segment
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 437 OF 512

116°51'W 116°50'51"W 116°50'42"W 116°50'33"W 116°50'24"W

37°9'9"N 37°9'N 37°8'51"N 37°8'42"N 37°8'33"N 37°8'24"N 37°8'15"N

437 438 439 CS5

95 46E 17 95 46E 16 95 46E 20 95 46E 21

CS5

BLM

Unnamed Road

Telephone Line

N W E S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas CS5 Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 438 OF 512

116°50'24"W 116°50'15"W 116°50'6"W 116°49'57"W 116°49'48"W 116°49'39"W

37°8'42"N
37°8'33"N
37°8'24"N
37°8'15"N
37°8'6"N
37°7'57"N

438
439
440

CS5

CS5

BLM

95 46E 21

95 46E 20

N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas CS5 Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 439 OF 512

116°49'39"W 116°49'30"W 116°49'21"W 116°49'12"W 116°49'3"W 116°48'54"W

37°8'24"N
37°8'15"N
37°8'6"N
37°7'57"N
37°7'48"N
37°7'39"N
37°7'30"N

439
440
441
CS5

CS5

BLM

9S 46E 21
9S 46E 22
9S 46E 28
9S 46E 27

N
W E
S

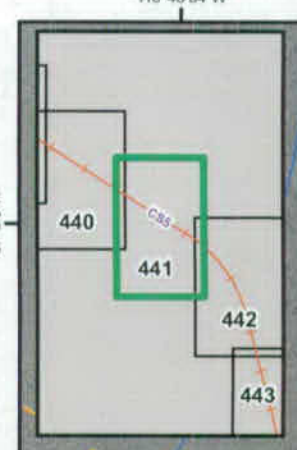
Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas CS5 Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 440 OF 512

116°48'54"W 116°48'45"W 116°48'36"W 116°48'27"W 116°48'18"W

37°8'6"N 37°7'57"N 37°7'48"N 37°7'39"N 37°7'30"N 37°7'21"N 37°7'12"N



NEVADA TEST AND TRAINING RANGE

9S 46E 22

9S 46E 23

CS5

Potential Siding Location

BLM

9S 46E 27

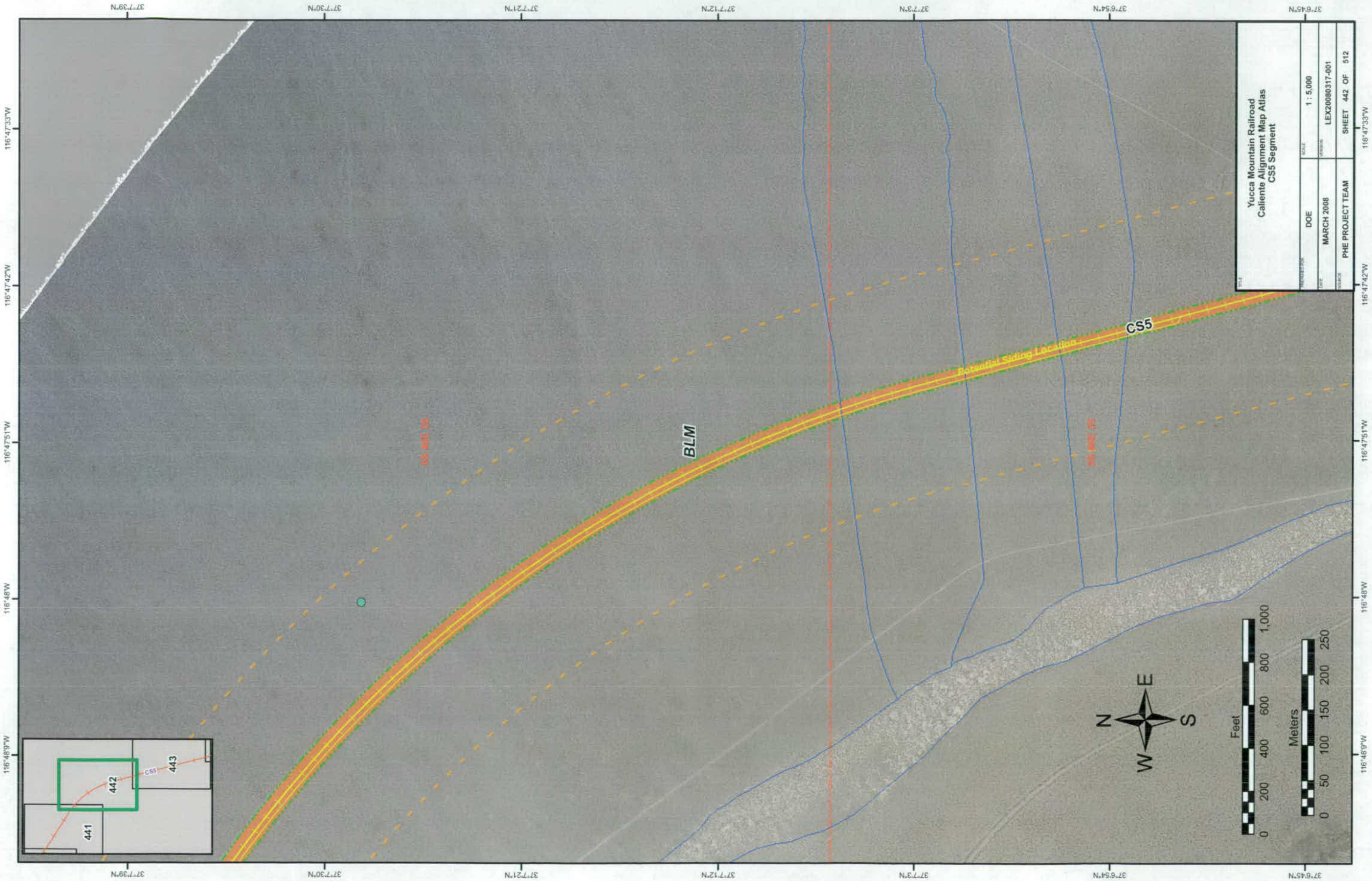
9S 46E 26

N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas CS5 Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 441 OF 512



Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS5 Segment
DOE
1 : 5,000
MARCH 2008
LEX20080317-001
PHE PROJECT TEAM
SHEET 442 OF 512
BLM
CS5
Potential Siding Location
N
E
S
W
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
441
442
443
CS5
116°47'33"W
116°47'42"W
116°47'51"W
116°48'W
116°48'9"W
37°7'39"N
37°7'30"N
37°7'21"N
37°7'12"N
37°7'3"N
37°6'54"N
37°6'45"N

116°47'51"W
116°47'42"W
116°47'33"W
116°47'24"W
116°47'15"W
37°6'45"N
37°6'36"N
37°6'27"N
37°6'18"N
37°6'9"N
37°6'N
37°5'51"N
442
443
444
CS5
CS5
BLM
Telephone Line
105 46E 02
105 46E 01
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS5 Segment
PREPARED FOR DOE
SCALE 1 : 5,000
DATE MARCH 2008
VERSION LEX20080317-001
SOURCE PHE PROJECT TEAM
SHEET 443 OF 512

Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS5 Segment

PREPARED FOR	DOE
SCALE	1 : 5,000
DATE	MARCH 2008
VERSION	LEX20080317-001
CLIENT	PHE PROJECT TEAM
SHEET	444 OF 512

CS5

BLM

Telephone Line

95

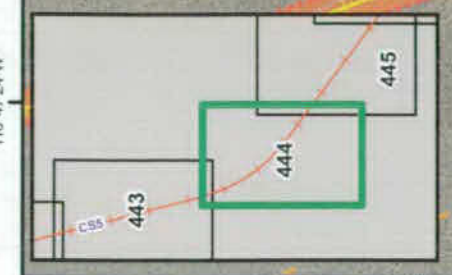
N E S W

Feet: 0, 200, 400, 600, 800, 1,000

Meters: 0, 50, 100, 150, 200, 250

37°5'42"N
37°5'33"N
37°5'24"N
37°5'15"N
37°5'6"N
37°4'57"N

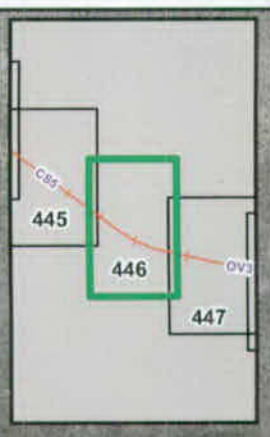
116°46'48"W
116°46'57"W
116°47'6"W
116°47'15"W
116°47'24"W



TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas CS5 Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 445 OF 512

116°45'54"W 116°45'45"W 116°45'36"W 116°45'27"W 116°45'18"W

37°5'6"N
37°4'57"N
37°4'48"N
37°4'39"N
37°4'30"N
37°4'21"N
37°4'12"N



105 47E 07

CS5

BLM

105 47E 18

N
W E
S

Feet
0 200 400 600 800 1,000

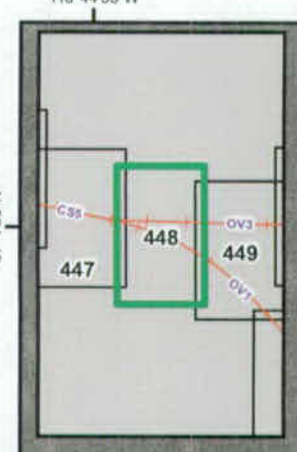
Meters
0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas CS5 Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 446 OF 512

116°45'18"W
116°45'9"W
116°45'W
116°44'51"W
116°44'42"W
116°44'33"W
37°4'48"N
37°4'39"N
37°4'30"N
37°4'21"N
37°4'12"N
37°4'3"N
37°3'54"N
446
447
CS5
OV3
OV1
105 47E 07
105 47E 08
105 47E 18
105 47E 17
BLM
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
TITLE
Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS5/OV1/OV3 Segments
Oasis Valley Area
PREPARED FOR
DOE
SCALE
1 : 5,000
DATE
MARCH 2008
VERSION
LEX20080317-001
SOURCE
PHE PROJECT TEAM
SHEET 447 OF 512

116°44'33"W 116°44'24"W 116°44'15"W 116°44'6"W 116°43'57"W 116°43'48"W

37°4'39"N 37°4'30"N 37°4'21"N 37°4'12"N 37°4'3"N 37°3'54"N 37°3'45"N



10S 47E 08

10S 47E 09

OV3

OV1

BLM

10S 47E 17

10S 47E 16

N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas OV1/OV3 Segments Oasis Valley Area	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 448 OF 512

116°44'33"W 116°44'24"W 116°44'15"W 116°44'6"W 116°43'57"W 116°43'48"W

116°43'48"W 116°43'39"W 116°43'30"W 116°43'21"W 116°43'12"W

37°4'30"N 37°4'21"N 37°4'12"N 37°4'3"N 37°3'54"N 37°3'45"N 37°3'36"N

105 47E 09

OV3

BLM

19S 47E 16

19S 47E 21

N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas OV1/OV3 Segments Oasis Valley Area	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 449 OF 512

Yucca Mountain Railroad
Caliente Alignment Map Atlas
OV3 Segment
Oasis Valley Area

PREPARED FOR	SCALE
DOE	1 : 5,000
DATE	VERSION
MARCH 2008	LEX20080317-001
SOURCE	SHEET 450 OF 512
PHE PROJECT TEAM	

116°42'18"W 116°42'9"W 116°42'W 116°41'51"W 116°41'42"W

37°4'57"N 37°4'48"N 37°4'39"N 37°4'30"N 37°4'21"N 37°4'12"N 37°4'3"N

105 47E 10

105 47E 11

BLM

OV3

PRIVATE LAND

105 47E 15

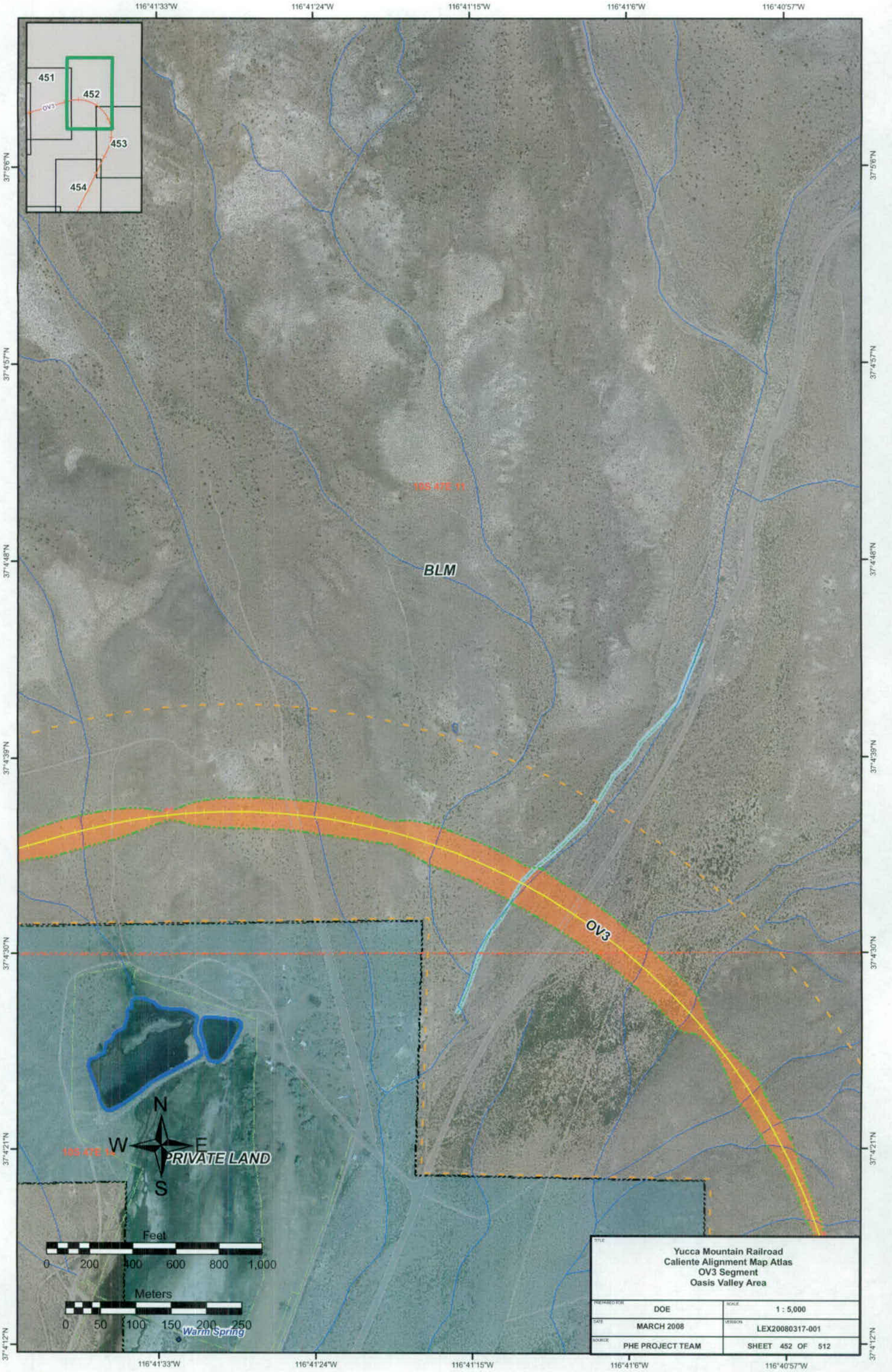
105 47E 14

N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas OV3 Segment Oasis Valley Area	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 451 OF 512


116°41'33"W
116°41'24"W
116°41'15"W
116°41'6"W
116°40'57"W
37°5'6"N
37°4'57"N
37°4'48"N
37°4'39"N
37°4'30"N
37°4'21"N
37°4'12"N
451
452
453
454
OV3
10S 47E 11
BLM
OV3
10S 47E 14
PRIVATE LAND
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Warm Spring
Yucca Mountain Railroad
Caliente Alignment Map Atlas
OV3 Segment
Oasis Valley Area
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 452 OF 512

116°41'6"W
116°40'57"W
116°40'48"W
116°40'39"W
116°40'30"W
37°4'30"N
37°4'21"N
37°4'12"N
37°4'3"N
37°3'54"N
37°3'45"N
37°3'36"N
105 47E 11
105 47E 12
105 47E 14
105 47E 13
451
452
453
454
OV3
PRIVATE LAND
BLM
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
TITLE
Yucca Mountain Railroad
Caliente Alignment Map Atlas
OV3 Segment
Oasis Valley Area
PREPARED FOR
DOE
SCALE
1 : 5,000
DATE
MARCH 2008
VERSION
LEX20080317-001
SOURCE
PHE PROJECT TEAM
SHEET 453 OF 512

116°41'51"W 116°41'42"W 116°41'33"W 116°41'24"W 116°41'15"W 116°41'6"W

37°3'45"N 37°3'36"N 37°3'27"N 37°3'18"N 37°3'9"N 37°3'N 37°2'51"N

451 452 453 454 457 455 458

OV1 OV2

105 47E 14

PRIVATE LAND

OV3

105 47E 23

BLM

47E 22

105 47E 35

N
W E
S

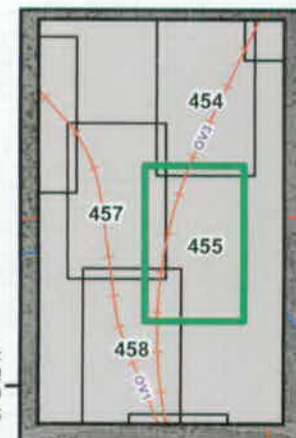
Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas OV3 Segment Oasis Valley Area	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 454 OF 512

116°41'51"W 116°41'42"W 116°41'33"W 116°41'24"W 116°41'15"W

37°2'42"N 37°2'33"N 37°2'24"N 37°2'15"N 37°2'6"N 37°1'57"N



16S 47E 23

OV3

16S 47E 27

16S 47E 26

BLM

16S 47E 35

N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas OV3 Segment Oasis Valley Area	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 455 OF 512

116°43'12"W 116°43'3"W 116°42'54"W 116°42'45"W 116°42'36"W

37°3'36"N 37°3'27"N 37°3'18"N 37°3'9"N 37°3'N 37°2'51"N 37°2'42"N

10S 47E 16

10S 47E 15

OV1

10S 47E 21

BLM

10S 47E 22

10S 47E 28

N
W E
S

Feet
0 200 400 600 800 1,000

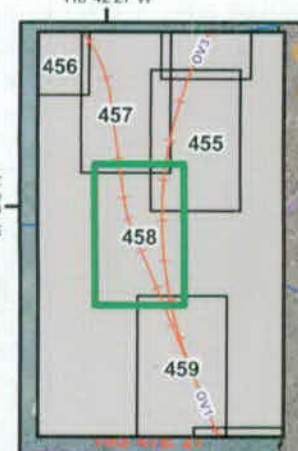
Meters
0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas OV1 Segment Oasis Valley Area	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 456 OF 512

116°42'36"W
116°42'27"W
116°42'18"W
116°42'9"W
116°42'W
116°41'51"W
37°3'N
37°2'51"N
37°2'42"N
37°2'33"N
37°2'24"N
37°2'15"N
37°2'6"N
454
456
457
455
458
459
OV1
10S 47E 23
10S 47E 27
10S 47E 26
Fleur De Lis Road
BLM
PRIVATE LAND
Cat Canyon Road
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
OV1 Segment
Oasis Valley Area
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 457 OF 512

116°42'27"W 116°42'18"W 116°42'9"W 116°42'W 116°41'51"W 116°41'42"W

37°2'6"N
37°1'57"N
37°1'48"N
37°1'39"N
37°1'30"N
37°1'21"N
37°1'12"N



Construction Camp 11

BLM

OV1

18S 47E 25

18S 47E 34

18S 47E 35

N
W E
S

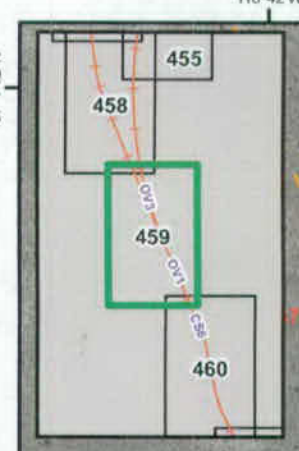
Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas OV1/OV3 Segments Oasis Valley Area	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 458 OF 512

116°42'27"W 116°42'18"W 116°42'9"W 116°42'W 116°41'51"W 116°41'42"W

116°42'W
116°41'51"W
116°41'42"W
116°41'33"W
116°41'24"W
37°1'12"N
37°1'3"N
37°0'54"N
37°0'45"N
37°0'36"N
37°0'27"N
37°0'18"N



BLM

OV1

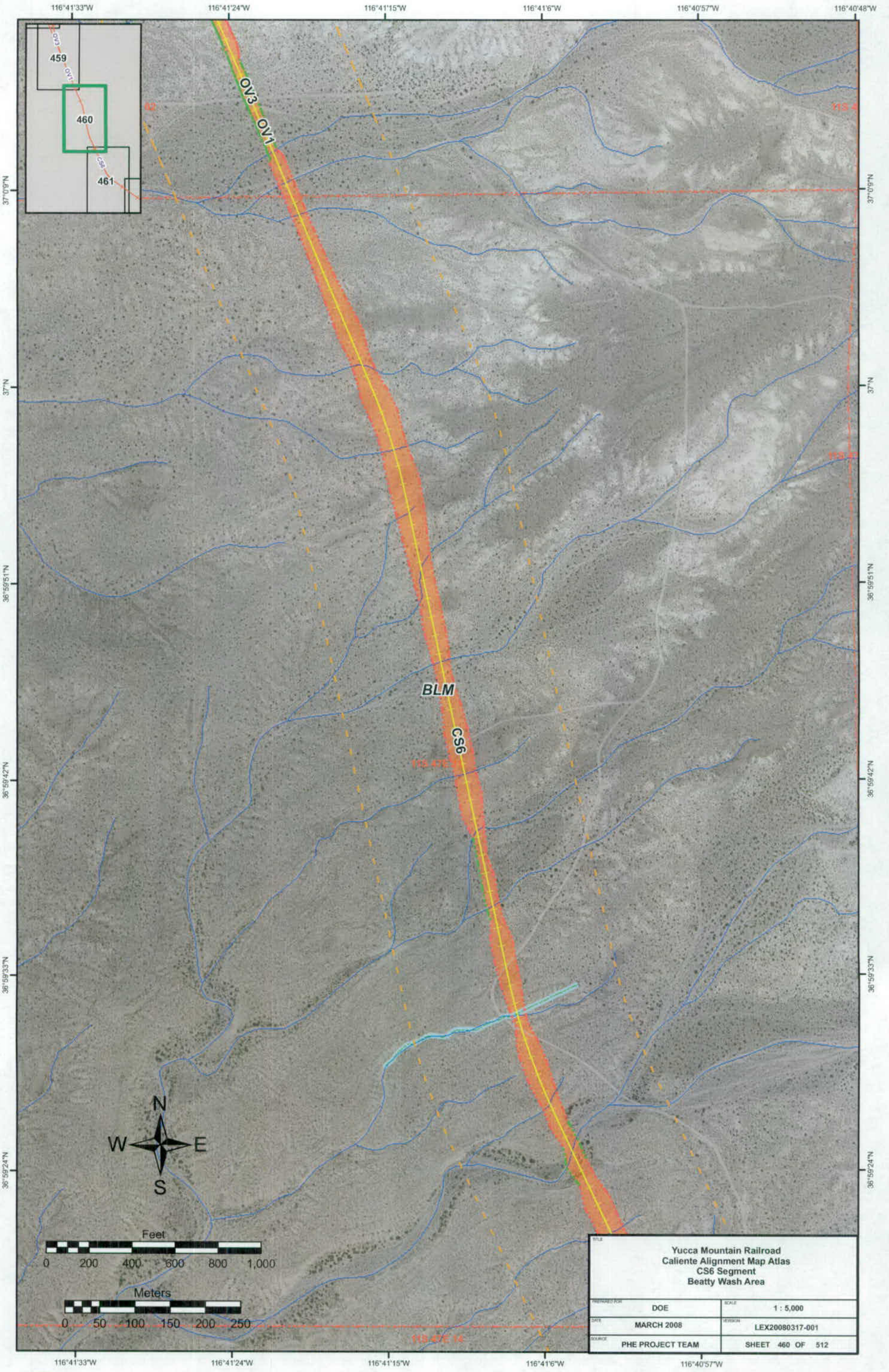
OV3

N
W
E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

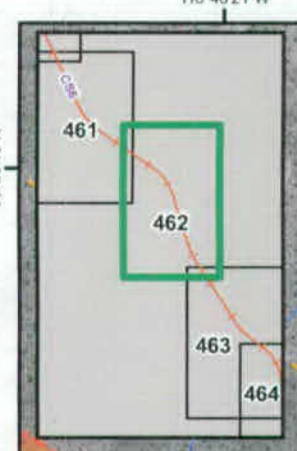
TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas OV1/OV3 Segments Oasis Valley Area	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 459 OF 512


116°41'33"W
116°41'24"W
116°41'15"W
116°41'6"W
116°40'57"W
116°40'48"W
37°0'9"N
37°N
36°59'51"N
36°59'42"N
36°59'33"N
36°59'24"N
459
460
461
OV3
OV1
CS6
BLM
115.47E
115.47E 14
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS6 Segment
Beatty Wash Area
PREPARED FOR DOE
SCALE 1 : 5,000
DATE MARCH 2008
VERSION LEX20080317-001
SOURCE PHE PROJECT TEAM
SHEET 460 OF 512

116°41'6"W
116°40'57"W
116°40'48"W
116°40'39"W
116°40'30"W
36°59'15"N
36°59'6"N
36°58'57"N
36°58'48"N
36°58'39"N
36°58'30"N
36°58'21"N
460
461
462
CS6
115 47E 11
115 47E 12
115 47E 14
115 47E 13
BLM
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS6 Segment
Beatty Wash Area
PREPARED FOR DOE
SCALE 1 : 5,000
DATE MARCH 2008
VERSION LEX20080317-001
SOURCE PHE PROJECT TEAM
SHEET 461 OF 512

116°40'21"W 116°40'12"W 116°40'3"W 116°39'54"W 116°39'45"W

36°58'48"N
36°58'39"N
36°58'30"N
36°58'21"N
36°58'12"N
36°58'3"N
36°57'54"N



T15S R47E 13
T15S R48E 18
T15S R47E 24
T15S R48E 19

BLM

CS6

N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas CS6 Segment Beatty Wash Area	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 462 OF 512

116°39'54"W 116°39'45"W 116°39'36"W 116°39'27"W 116°39'18"W 116°39'9"W

36°57'54"N 36°57'45"N 36°57'36"N 36°57'27"N 36°57'18"N 36°57'9"N 36°57'N

462 463 464 CS6

11S 47E 24 11S 48E 19 CS6

BLM

11S 47E 25 11S 48E 30

N W E S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas CS6 Segment Beatty Wash Area	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 463 OF 512

116°39'27"W 116°39'18"W 116°39'9"W 116°39'W 116°38'51"W 116°38'42"W

36°57'18"N
36°57'9"N
36°57'N
36°56'51"N
36°56'42"N
36°56'33"N
36°56'24"N

463
464
465
466
CS6

11S 48E 30
11S 48E 31

CS6
BLM

N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas CS6 Segment Beatty Wash Area	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 464 OF 512

116°39'27"W 116°39'18"W 116°39'9"W 116°39'W 116°38'51"W 116°38'42"W

36°56'24"N 36°56'15"N 36°56'6"N 36°55'57"N 36°55'48"N 36°55'39"N 36°55'30"N

11S 48E 31

CS6

BLM

12S 48E 06

N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas CS6 Segment Beatty Wash Area	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 465 OF 512

116°38'42"W 116°38'33"W 116°38'24"W 116°38'15"W 116°38'6"W 116°37'57"W

36°56'24"N 36°56'15"N 36°56'6"N 36°55'57"N 36°55'48"N 36°55'39"N 36°55'30"N

464 465 466 467 C56

11S 48E 31 11S 48E 32

CS6

BLM

12S 48E 06 12S 48E 05

N W E S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas CS6 Segment Beatty Wash Area	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 466 OF 512

116°37'57"W 116°37'48"W 116°37'39"W 116°37'30"W 116°37'21"W 116°37'12"W

36°56'15"N 36°56'6"N 36°55'57"N 36°55'48"N 36°55'39"N 36°55'30"N 36°55'21"N

11S 48E 32

11S 48E 33

CS6

BLM

12S 48E 05

12S 48E 04

N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas CS6 Segment Beatty Wash Area	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 467 OF 512

116°37'12"W
116°37'3"W
116°36'54"W
116°36'45"W
116°36'36"W
36°55'48"N
36°55'39"N
36°55'30"N
36°55'21"N
36°55'12"N
36°55'3"N
36°54'54"N
467
468
469
CS6
113 48E 33
125 48E 04
BLM
125 48E 09
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS6 Segment
Beatty Wash Area
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 468 OF 512

116°36'27"W
116°36'18"W
116°36'9"W
116°36'W
116°35'51"W
36°55'21"N
36°55'12"N
36°55'3"N
36°54'54"N
36°54'45"N
36°54'36"N
36°54'27"N
468
469
470
CS6
12S 48E 04
12S 48E 03
12S 48E 09
12S 48E 10
BLM
CS6
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS6 Segment
Beatty Wash Area
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 469 OF 512

116°35'51"W 116°35'42"W 116°35'33"W 116°35'24"W 116°35'15"W 116°35'6"W

36°54'36"N 36°54'27"N 36°54'18"N 36°54'9"N 36°54'N 36°53'51"N 36°53'42"N

469
470
471
CS6

CS6

BLM

125 48E 10
125 48E 11
125 48E 15
125 48E 14

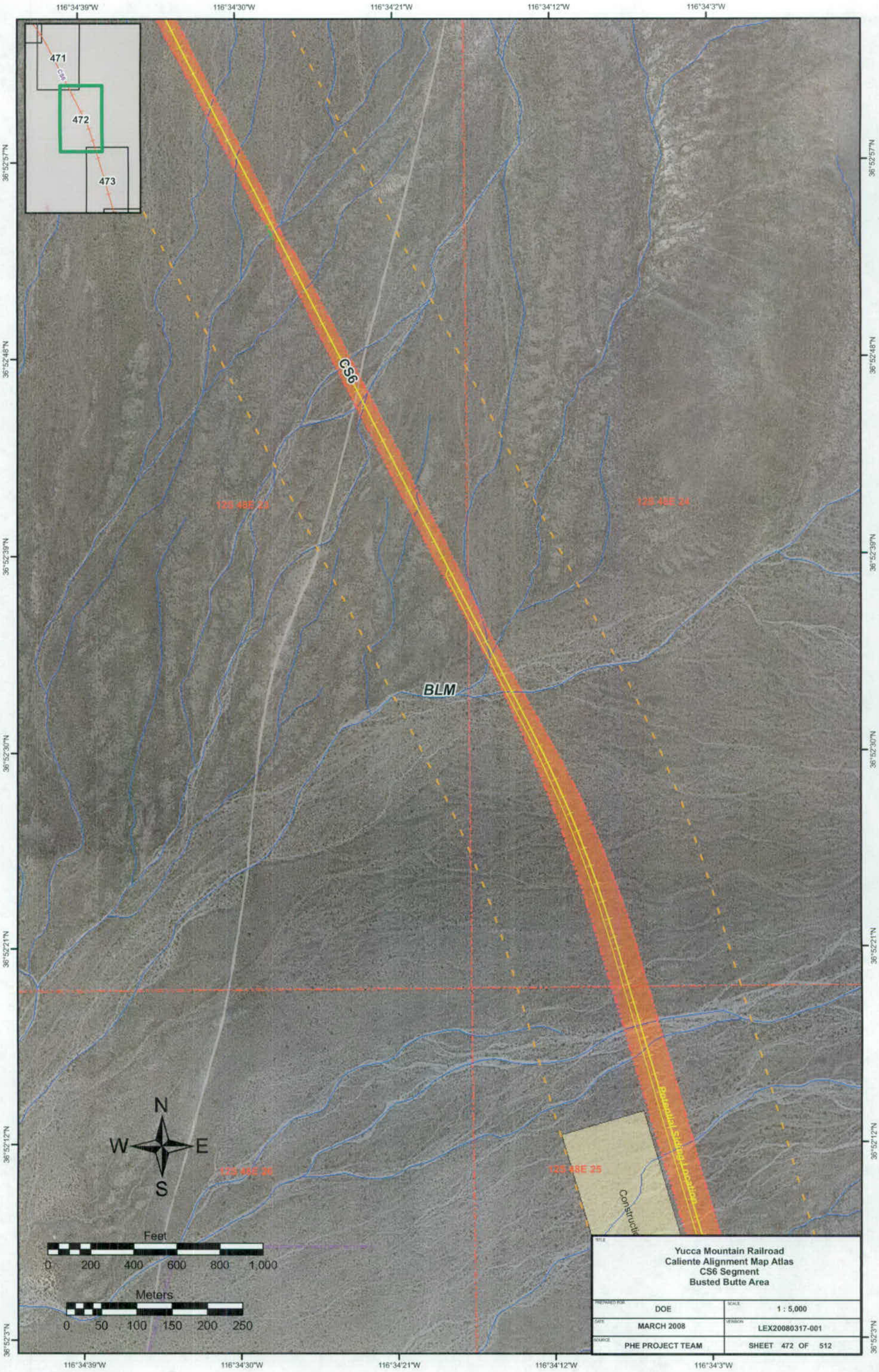
N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas CS6 Segment Beatty Wash Area	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 470 OF 512

116°35'6"W
116°34'57"W
116°34'48"W
116°34'39"W
116°34'30"W
116°34'21"W
36°54'N
36°53'51"N
36°53'42"N
36°53'33"N
36°53'24"N
36°53'15"N
36°53'6"N
470
471
472
BLM
CS6
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS6 Segment
Beatty Wash Area
DOE
1 : 5,000
MARCH 2008
LEX20080317-001
PHE PROJECT TEAM
SHEET 471 OF 512


116°34'39"W
116°34'30"W
116°34'21"W
116°34'12"W
116°34'3"W
36°52'57"N
36°52'48"N
36°52'39"N
36°52'30"N
36°52'21"N
36°52'12"N
36°52'3"N
471
472
473
CS6
12S 48E 23
12S 48E 24
12S 48E 26
12S 48E 25
BLM
Potential Siding Location
Construction
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS6 Segment
Busted Butte Area
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 472 OF 512

116°34'12"W 116°34'3"W 116°33'54"W 116°33'45"W 116°33'36"W 116°33'27"W

36°52'3"N
36°51'54"N
36°51'45"N
36°51'36"N
36°51'27"N
36°51'18"N
36°51'9"N

472
473
474
CS6
Construction Camp 12
Potential Siding Location
12S 48E 25
12S 48E 36
BLM
CS6

N
W E
S

Feet
0 200 400 600 800 1,000

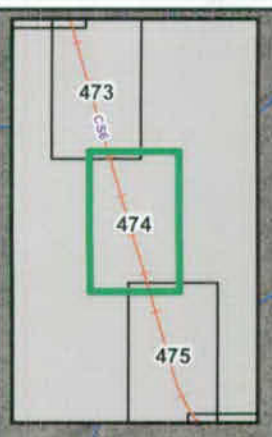
Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas CS6 Segment Busted Butte Area	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 473 OF 512

116°34'12"W 116°34'3"W 116°33'54"W 116°33'45"W 116°33'36"W 116°33'27"W

116°33'45"W 116°33'36"W 116°33'27"W 116°33'18"W 116°33'9"W

36°51'9"N 36°51'N 36°50'51"N 36°50'42"N 36°50'33"N 36°50'24"N 36°50'15"N



NEVADA TEST AND TRAINING RANGE

12S 48E 36

12S 48E 31

CS6

BLM

12S 48E 09

12S 48E 10

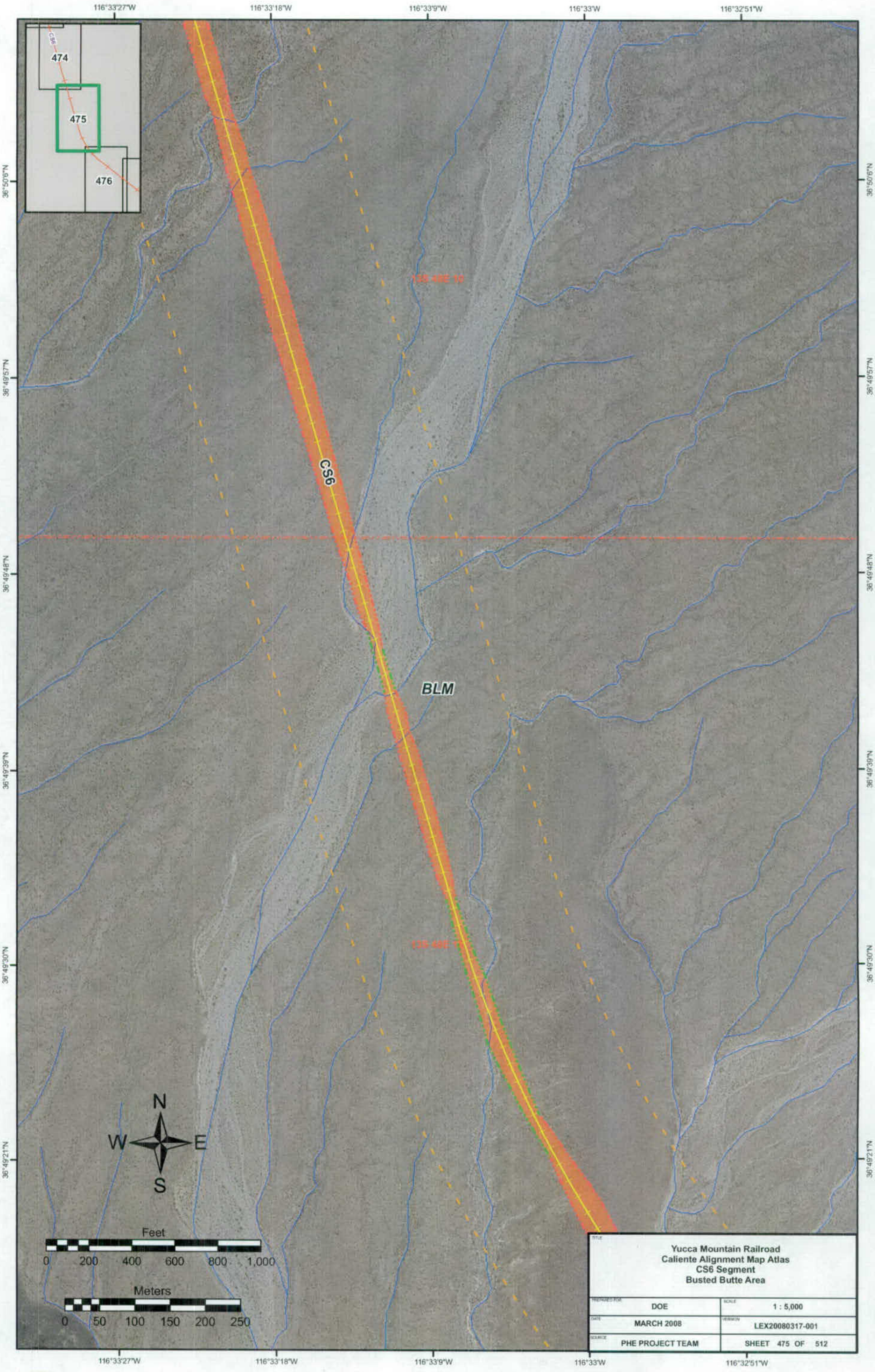
N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas CS6 Segment Busted Butte Area	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 474 OF 512

116°33'45"W 116°33'36"W 116°33'27"W 116°33'18"W 116°33'9"W


116°33'27"W
116°33'18"W
116°33'9"W
116°33'W
116°32'51"W
36°50'6"N
36°49'57"N
36°49'48"N
36°49'39"N
36°49'30"N
36°49'21"N
474
475
476
CS6
BLM
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS6 Segment
Busted Butte Area
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 475 OF 512

116°33'W 116°32'51"W 116°32'42"W 116°32'33"W 116°32'24"W 116°32'15"W

36°49'12"N
36°49'3"N
36°48'54"N
36°48'45"N
36°48'36"N
36°48'27"N
36°48'18"N

474
475
476
477
CS6

138 48E 15
138 48E 14
138 48E 22
138 48E 23

CS6

BLM

N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas CS6 Segment Busted Butte Area	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 476 OF 512

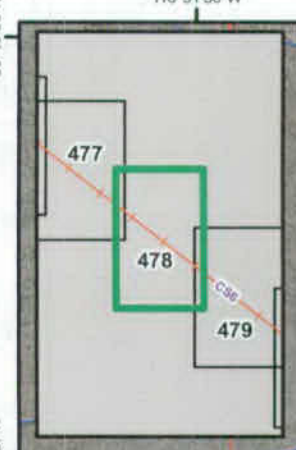
116°33'W 116°32'51"W 116°32'42"W 116°32'33"W 116°32'24"W 116°32'15"W

Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS6 Segment
Busted Butte Area

DOE	1 : 5,000
MARCH 2008	LEX20080317-001
PHE PROJECT TEAM	SHEET 477 OF 512

116°31'30"W 116°31'21"W 116°31'12"W 116°31'3"W 116°30'54"W

36°48'36"N 36°48'27"N 36°48'18"N 36°48'9"N 36°48'N 36°47'51"N 36°47'42"N



135 48E 23

135 48E 24

BLM

CS6

135 48E 26

135 48E 25

N
W E
S

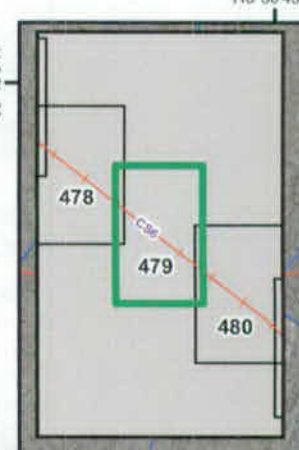
Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas CS6 Segment Busted Butte Area	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 478 OF 512

116°30'45"W 116°30'36"W 116°30'27"W 116°30'18"W 116°30'9"W

36°48'9"N 36°48'N 36°47'51"N 36°47'42"N 36°47'33"N 36°47'24"N 36°47'15"N



13S 49E 24

13S 49E 19

BLM

13S 49E 25

CS6

13S 49E 30

13S 49E 36

N
W E
S

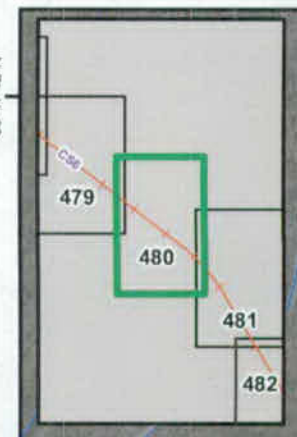
Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas CS6 Segment Busted Butte Area	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 479 OF 512

116°30'W 116°29'51"W 116°29'42"W 116°29'33"W 116°29'24"W

36°47'42"N 36°47'33"N 36°47'24"N 36°47'15"N 36°47'6"N 36°46'57"N 36°46'48"N



135 49E 30

135 49E 29

CS6

BLM

135 49E 31

135 49E 32

N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas CS6 Segment Busted Butte Area	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 480 OF 512

116°29'24"W 116°29'15"W 116°29'6"W 116°28'57"W 116°28'48"W 116°28'39"W

36°47'15"N 36°47'6"N 36°46'57"N 36°46'48"N 36°46'39"N 36°46'30"N 36°46'21"N

480

481

482

CS6

13S 49E 29

BLM

13S 49E 32

14S 49E 05

N

W E

S

Feet

0 200 400 600 800 1,000

Meters

0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas CS6 Segment Busted Butte Area	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 481 OF 512

116°28'57"W 116°28'48"W 116°28'39"W 116°28'30"W 116°28'21"W

36°46'21"N 36°46'12"N 36°46'3"N 36°45'54"N 36°45'45"N 36°45'36"N 36°45'27"N

481
482
483
CS6

13S 49E 32
13S 49E 33
14S 49E 05
14S 49E 04
14S 49E 08

BLM

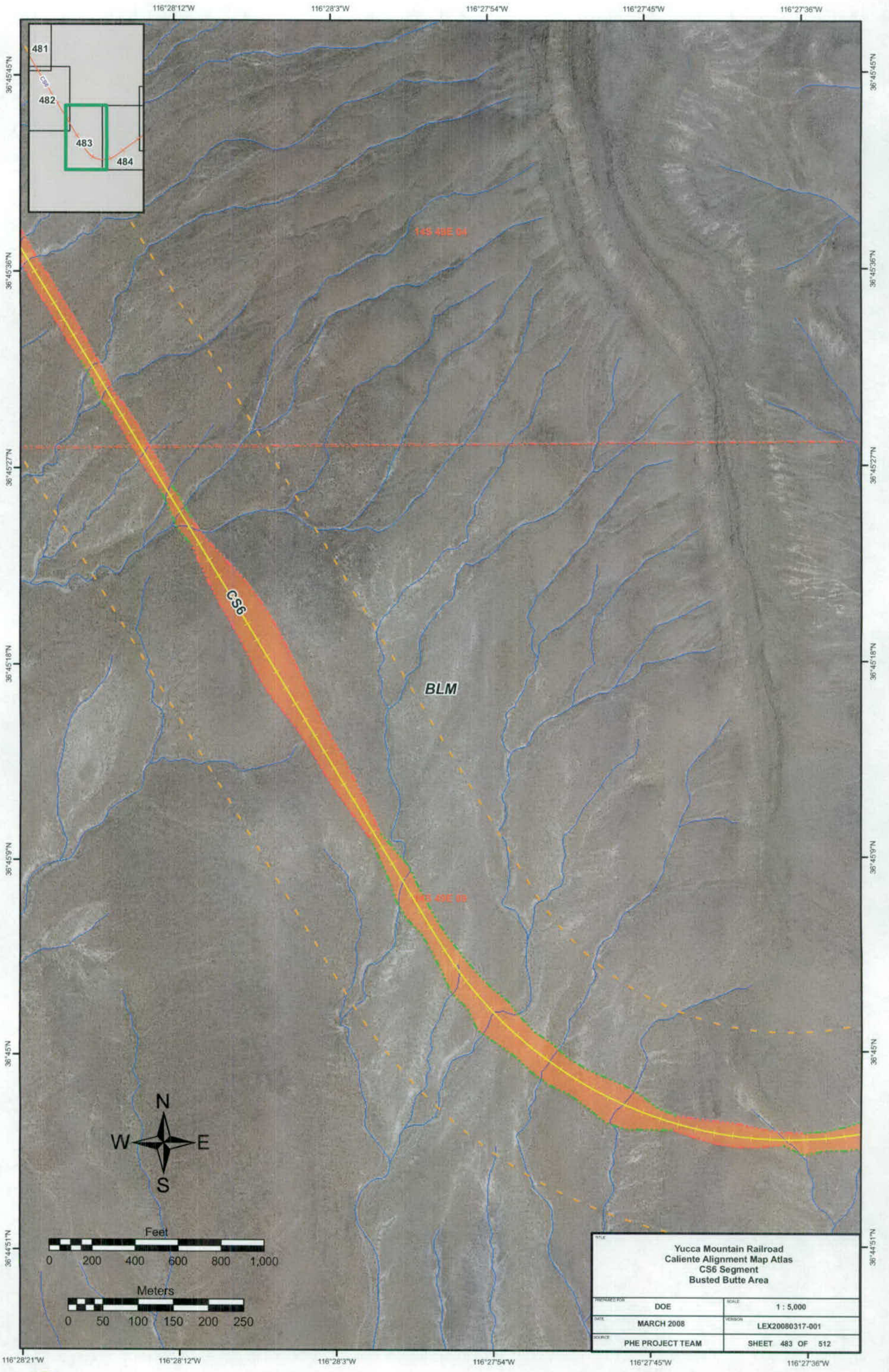
N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS6 Segment
Busted Butte Area

PREPARED FOR	SCALE
DOE	1 : 5,000
DATE	VERSION
MARCH 2008	LEX20080317-001
SOURCE	SHEET 482 OF 512
PHE PROJECT TEAM	



Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS6 Segment
Busted Butte Area

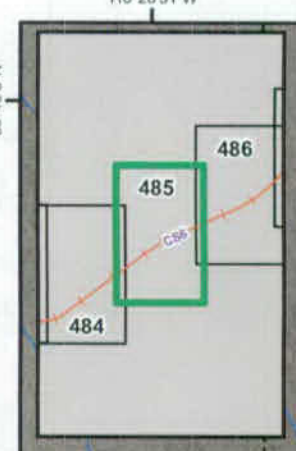
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 483 OF 512

Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS6 Segment
Busted Butte Area

PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 484 OF 512

116°26'51"W 116°26'42"W 116°26'33"W 116°26'24"W 116°26'15"W

36°46'3"N 36°45'54"N 36°45'45"N 36°45'36"N 36°45'27"N 36°45'18"N 36°45'9"N



14S 49E 03

14S 49E 02

BLM

NEVADA TEST SITE

CS6

14S 49E 10

14S 49E 11

N
W E
S

Feet
0 200 400 600 800 1,000

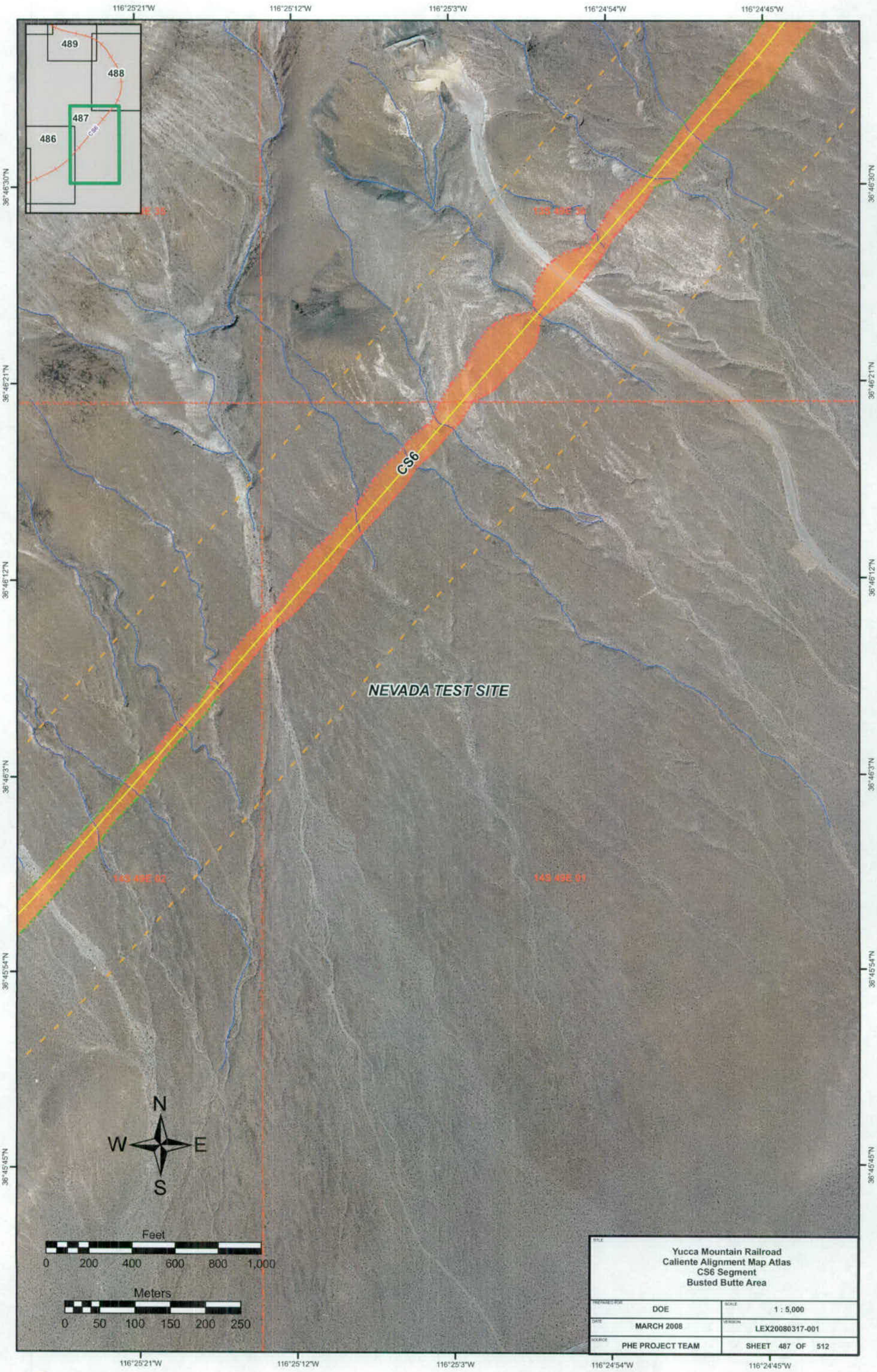
Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas CS6 Segment Busted Butte Area	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 485 OF 512

116°26'6"W
116°25'57"W
116°25'48"W
116°25'39"W
116°25'30"W
36°46'21"N
36°46'12"N
36°46'3"N
36°45'54"N
36°45'45"N
36°45'36"N
36°45'27"N
T15S R49E S5
T15S R49E 02
T15S R49E 11
488
486
487
485
CS6
NEVADA TEST SITE
CS6
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250

TITLE
Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS6 Segment
Busted Butte Area

PREPARED FOR	SCALE
DOE	1 : 5,000
DATE	VERSION
MARCH 2008	LEX20080317-001
SOURCE	
PHE PROJECT TEAM	SHEET 486 OF 512



Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS6 Segment
Busted Butte Area

PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 487 OF 512

116°25'3"W 116°24'54"W 116°24'45"W 116°24'36"W 116°24'27"W 116°24'18"W

36°47'33"N 36°47'24"N 36°47'15"N 36°47'6"N 36°46'57"N 36°46'48"N 36°46'39"N

CS6

NEVADA TEST SITE

N
W E
S

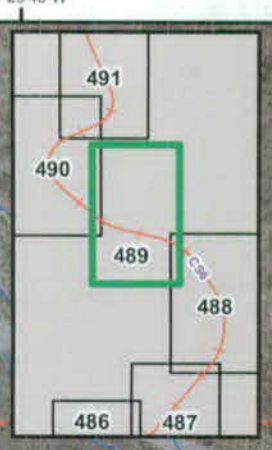
Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas CS6 Segment Busted Butte Area	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 488 OF 512

116°25'48"W 116°25'39"W 116°25'30"W 116°25'21"W 116°25'12"W 116°25'3"W

36°48'9"N 36°48'N 36°47'51"N 36°47'42"N 36°47'33"N 36°47'24"N 36°47'15"N



13S 49E 23

13S 49E 24

NEVADA TEST SITE

13S 49E 26

13S 49E 25

CS6

N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas CS6 Segment Busted Butte Area	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 489 OF 512

116°26'24"W 116°26'15"W 116°26'6"W 116°25'57"W 116°25'48"W

36°48'27"N 36°48'18"N 36°48'9"N 36°48'N 36°47'51"N 36°47'42"N 36°47'33"N

491
490
489
CS6

T15 S R49 E S22 T15 S R49 E S23

CS6

NEVADA TEST SITE

T15 S R49 E S27 T15 S R49 E S26

N
W E
S

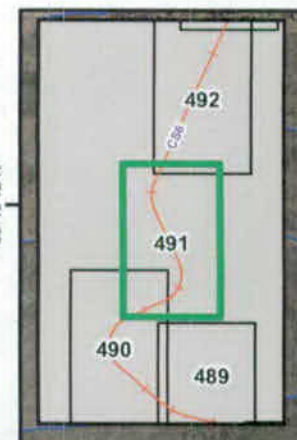
Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas CS6 Segment Busted Butte Area	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 490 OF 512

116°25'57"W 116°25'48"W 116°25'39"W 116°25'30"W 116°25'21"W

36°49'12"N 36°49'3"N 36°48'54"N 36°48'45"N 36°48'36"N 36°48'27"N 36°48'18"N



13S 49E 14

CS6

NEVADA TEST SITE

13S 49E 23

N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

116°26'6"W 116°25'57"W 116°25'48"W 116°25'39"W 116°25'30"W 116°25'21"W

Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS6 Segment
Busted Butte Area

PREPARED FOR	SCALE
DOE	1 : 5,000
DATE	VERSION
MARCH 2008	LEX20080317-001
SOURCE	
PHE PROJECT TEAM	SHEET 491 OF 512

116°25'48"W 116°25'39"W 116°25'30"W 116°25'21"W 116°25'12"W 116°25'3"W

36°50'6"N
36°49'57"N
36°49'48"N
36°49'39"N
36°49'30"N
36°49'21"N
36°49'12"N

493
492
491
490
CS6

135 49E 11
135 49E 12
135 49E 14
135 49E 13

Rail Equipment Maintenance Yard

NEVADA TEST SITE

CS6

N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas CS6 Segment Repository	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 492 OF 512

116°25'30"W 116°25'21"W 116°25'12"W 116°25'3"W 116°24'54"W

36°51'9"N

493

492

C-66

36°51'N

12S 50E 32

50E 31

36°50'51"N

36°50'42"N

NEVADA TEST SITE

36°50'33"N

36°50'24"N

13S 49E 11

13S 49E 12

36°50'15"N

N

W E

S

Feet

0 200 400 600 800 1,000

Meters

0 50 100 150 200 250

CS6

116°25'30"W 116°25'21"W 116°25'12"W 116°25'3"W 116°24'54"W

TITLE

Yucca Mountain Railroad
Caliente Alignment Map Atlas
CS6 Segment
Repository

PREPARED FOR	SCALE
DOE	1 : 5,000
DATE	VERSION
MARCH 2008	LEX20080317-001
SOURCE	SHEET 493 OF 512
PHE PROJECT TEAM	

117°13'48"W 117°13'39"W 117°13'30"W 117°13'21"W 117°13'12"W

38°2'33"N 38°2'24"N 38°2'15"N 38°2'6"N 38°1'57"N 38°1'48"N 38°1'39"N

494

2N 42E 11

2N 42E 12

95

BLM

Maintenance-of-Way
Headquarters Facility
(GF 1&3 option)

2N 42E 14

2N 42E 13

N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas Maintenance-of-Way Headquarters Building Tonopah, Nevada	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 494 OF 512

114°30'36"W 114°30'27"W 114°30'18"W 114°30'9"W 114°30'W 114°29'51"W

37°40'21"N 37°40'12"N 37°40'3"N 37°39'54"N 37°39'45"N 37°39'36"N 37°39'27"N

499
498
495
005
004
CAL

Plant
Northwest of Caliente

35 67E 20
35 67E 21
35 67E 28
35 67E 29

Quarry Conveyor Belt

BLM

N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

TITLE	Yucca Mountain Railroad Caliente Alignment Map Atlas Quarry CA-8B Area Along Caliente Segment
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 495 OF 512

114°29'6"W
114°28'57"W
114°28'48"W
114°28'39"W
114°28'30"W
114°28'21"W
37°41'33"N
37°41'24"N
37°41'15"N
37°41'6"N
37°40'57"N
37°40'48"N
37°40'39"N
007
497
496
006
005
CAL
35 67E 15
35 67E 16
BLM
PRIVATE LAND
Quarry Convevor Belt
93
RR Siding
CA-8B
CAL
35 67E 22
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
Quarry CA-8B Area
Along Caliente Segment
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 496 OF 512

114°29'42"W 114°29'33"W 114°29'24"W 114°29'15"W 114°29'6"W

37°41'33"N 37°41'24"N 37°41'15"N 37°41'6"N 37°40'57"N 37°40'48"N 37°40'39"N

497 496 498 495 005 CA-8

Quarry Conveyor Belt

39.67E 16

BLM

39.67E 21

PRIVATE LA

N W E S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

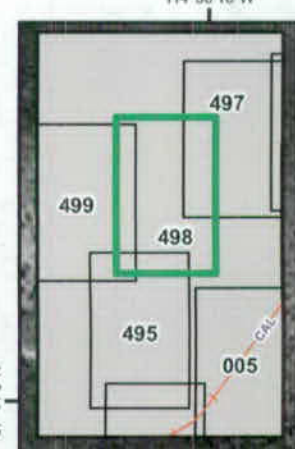
Yucca Mountain Railroad
Caliente Alignment Map Atlas
Quarry CA-8B Area
Along Caliente Segment

PREPARED FOR	SCALE
DOE	1 : 5,000
DATE	VERSION
MARCH 2008	LEX20080317-001
SOURCE	
PHE PROJECT TEAM	SHEET 497 OF 512

114°29'51"W 114°29'42"W 114°29'33"W 114°29'24"W 114°29'15"W 114°29'6"W

114°30'18"W 114°30'9"W 114°30'W 114°29'51"W 114°29'42"W

37°41'6"N 37°40'57"N 37°40'48"N 37°40'39"N 37°40'30"N 37°40'21"N 37°40'12"N



Quarry Conveyor Belt

3S 67E 17

3S 67E 16

BLM

Plant

Northwest of Caliente

3S 67E 20

3S 67E 21

Quarry Conveyor Belt

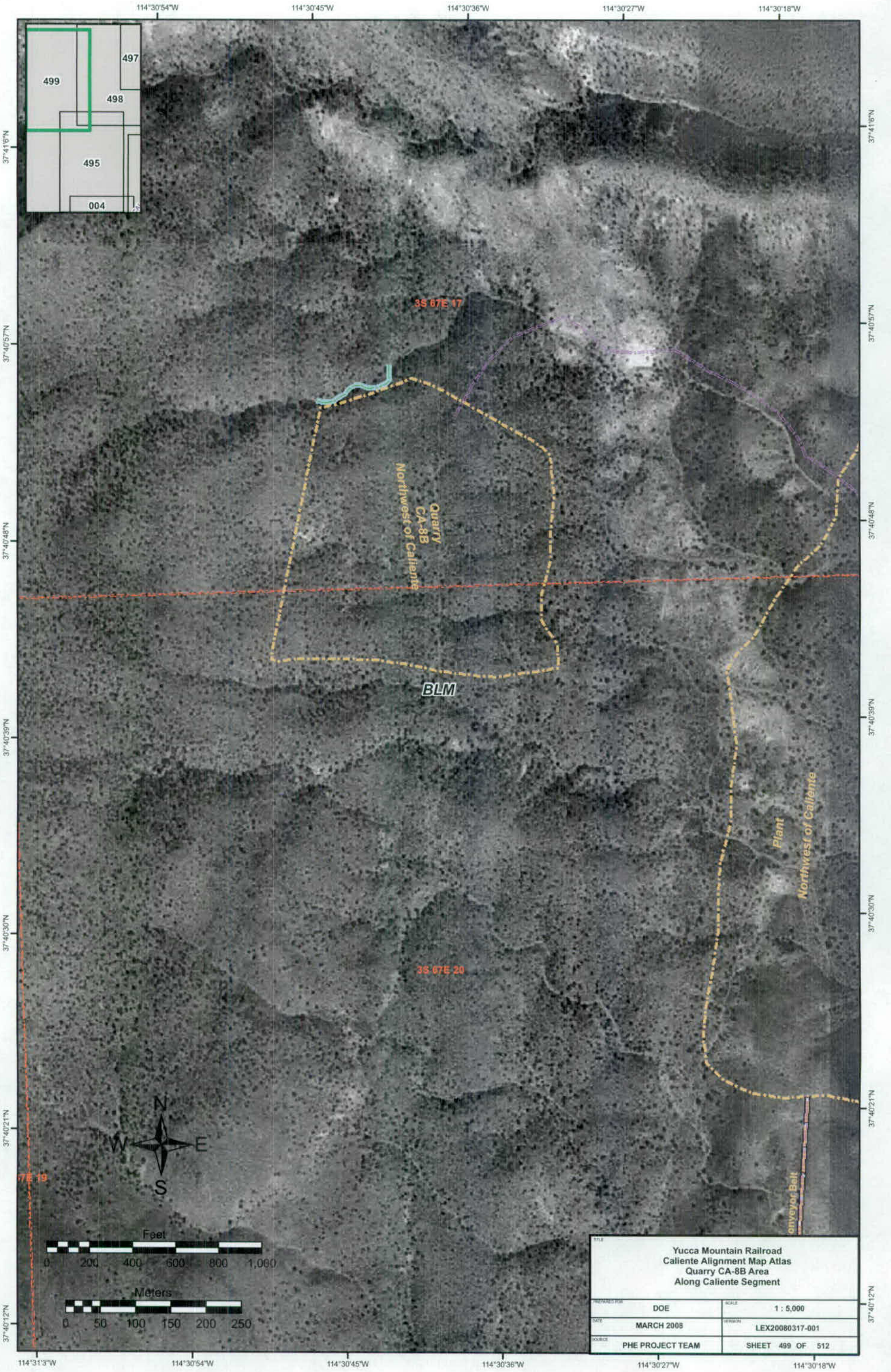
N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad
Caliente Alignment Map Atlas
Quarry CA-8B Area
Along Caliente Segment

PREPARED FOR	SCALE
DOE	1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 498 OF 512


114°30'54"W
114°30'45"W
114°30'36"W
114°30'27"W
114°30'18"W
37°41'6"N
37°40'57"N
37°40'48"N
37°40'39"N
37°40'30"N
37°40'21"N
37°40'12"N
499
497
498
495
004
3S 67E 17
3S 67E 20
7E 19
Quarry
CA-8B
Northwest of Caliente
BLM
Plant
Northwest of Caliente
onveyor Belt
N
W
E
S
Feet
0 200 400 600 800 1,000
Meters
0 50 100 150 200 250
114°31'3"W
Yucca Mountain Railroad
Caliente Alignment Map Atlas
Quarry CA-8B Area
Along Caliente Segment
PREPARED FOR
DOE
SCALE
1 : 5,000
DATE
MARCH 2008
VERSION
LEX20080317-001
SOURCE
PHE PROJECT TEAM
SHEET 499 OF 512

116°11'51"W 116°11'42"W 116°11'33"W 116°11'24"W 116°11'15"W

37°48'45"N 37°48'36"N 37°48'27"N 37°48'18"N 37°48'9"N 37°48'N 37°47'51"N

BLM

WILLOW WITCH ROAD

Quarry NN-9B

South Reveille Valley

N
W E
S

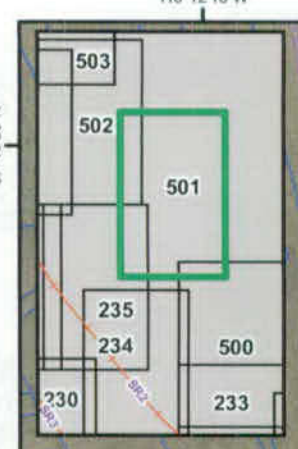
Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas Quarry NN-9B Area Along SR2 Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 500 OF 512

116°12'18"W 116°12'9"W 116°12'W 116°11'51"W 116°11'42"W

37°49'39"N 37°49'30"N 37°49'21"N 37°49'12"N 37°49'3"N 37°48'54"N 37°48'45"N



16 51 2E 30

16 51 2E 29

South Reveille Valley Plant

Quarry NN-9A South Reveille Valley

BLM

WILLOW WITCH ROAD

16 51 2E 31

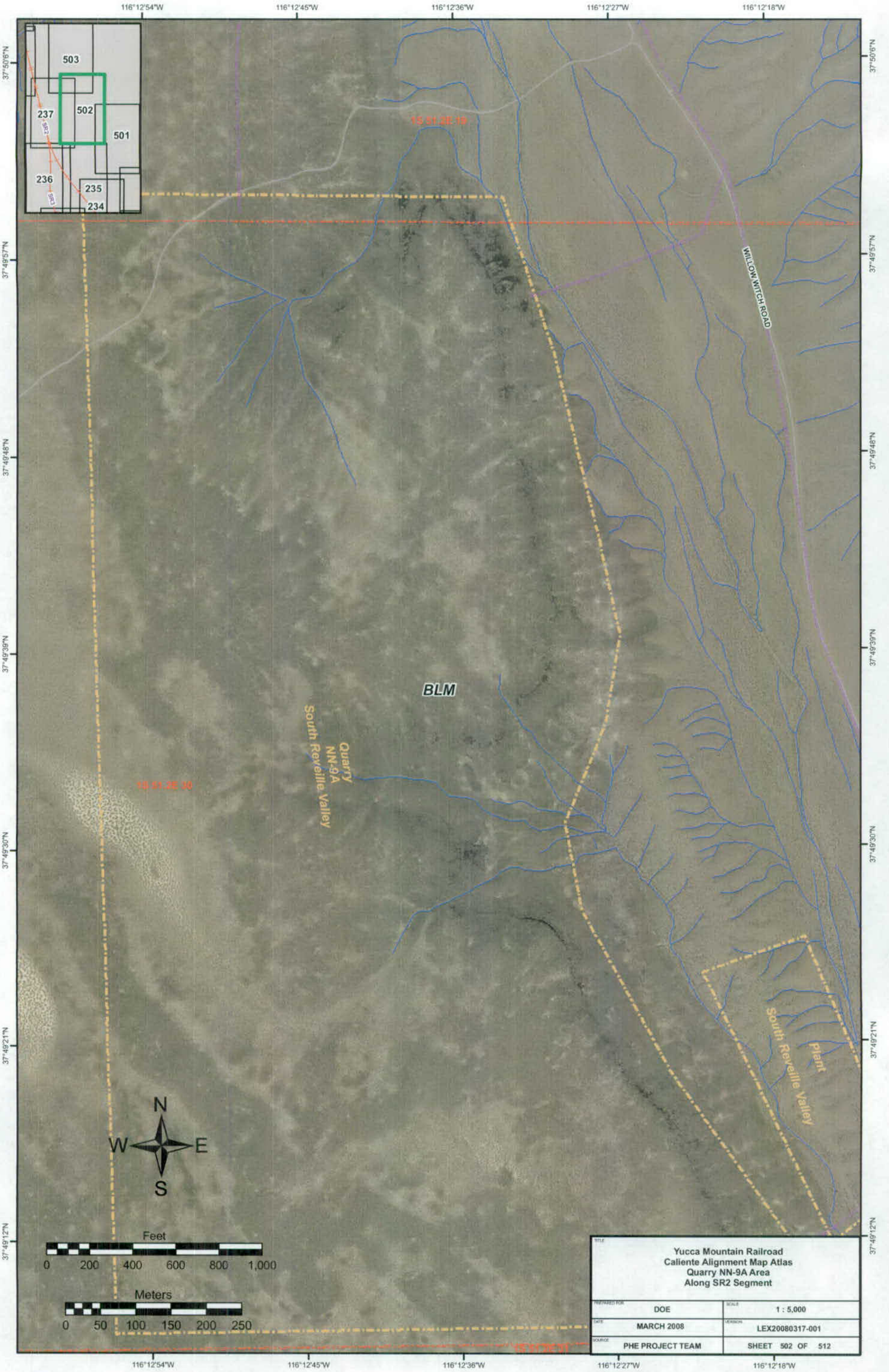
16 51 2E 32

N
W E
S

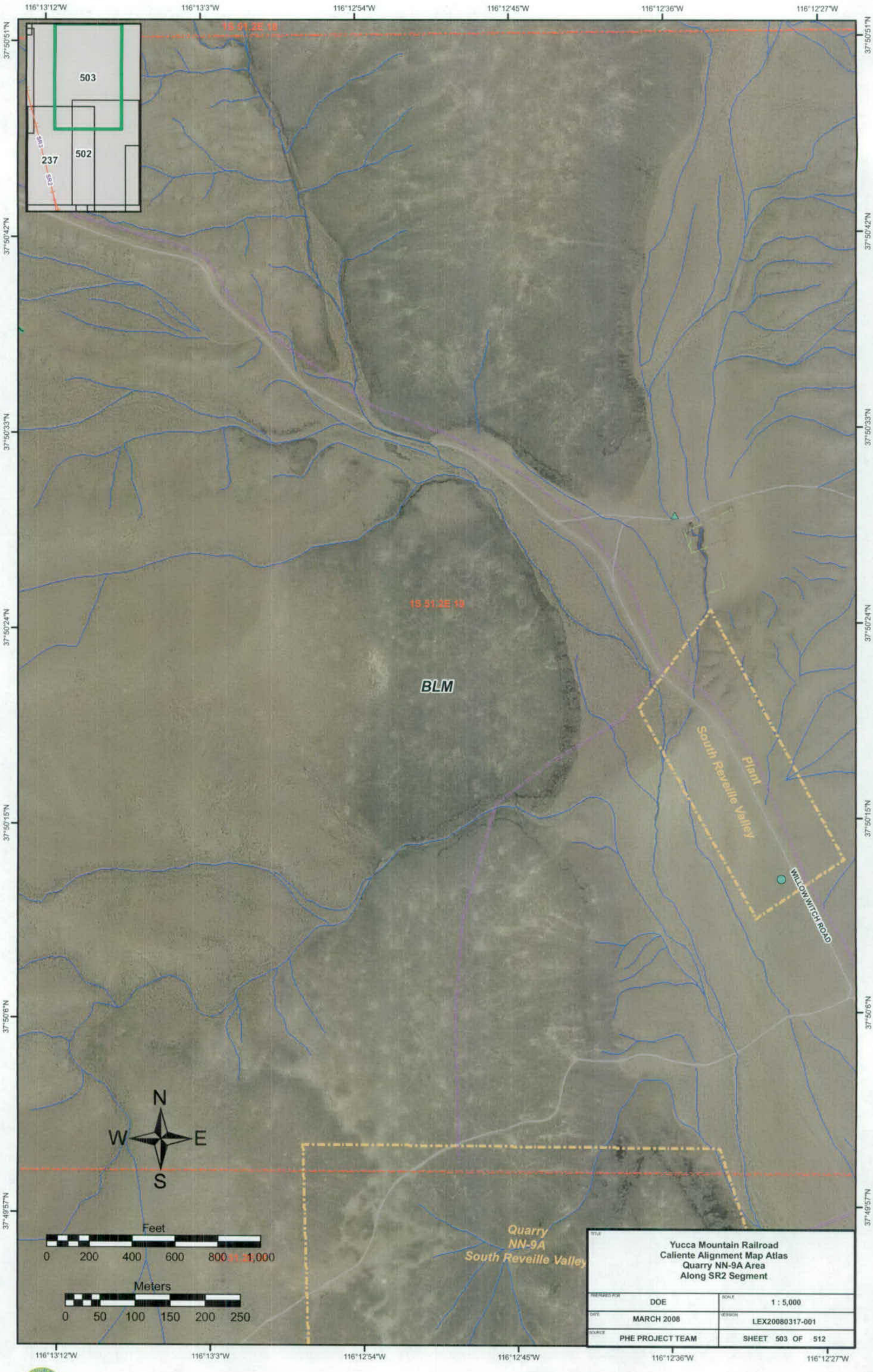
Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas Quarry NN-9B Area Along SR2 Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 501 OF 512



TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas Quarry NN-9A Area Along SR2 Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 502 OF 512



Yucca Mountain Railroad
Caliente Alignment Map Atlas
Quarry NN-9A Area
Along SR2 Segment

PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 503 OF 512

117°7'12"W 117°7'3"W 117°6'54"W 117°6'45"W 117°6'36"W 117°6'27"W

37°49'39"N 37°49'30"N 37°49'21"N 37°49'12"N 37°49'3"N 37°48'54"N 37°48'45"N

366 504 367 505 368 506 369 GF3

Plant Northeast of Goldfield

1S 43E 26

Plant Northeast of Goldfield

1S 43E 25

BLM

Quarry NS-3A Northeast of Goldfield

1S 43E 35

1S 43E 36

Quarry NS-3A Northeast of Goldfield

N W E S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas Quarry NS-3A Area Along GF3 Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 504 OF 512

37°49'21"N
37°49'12"N
37°49'3"N
37°48'54"N
37°48'45"N
37°48'36"N
37°48'27"N
117°6'0"W
117°6'9"W
117°6'18"W
117°6'27"W
117°6'36"W

Yucca Mountain Railroad
Caliente Alignment Map Atlas
Quarry NS-3A Area
Along GF3 Segment

PREPARED FOR	DOE
SCALE	1 : 5,000
DATE	MARCH 2008
VERSION	LEX20080317-001
SOURCE	PHE PROJECT TEAM
SHEET	505 OF 512

Quarry
NS-3A
Northeast of Goldfield

BLM

1S 43E 35

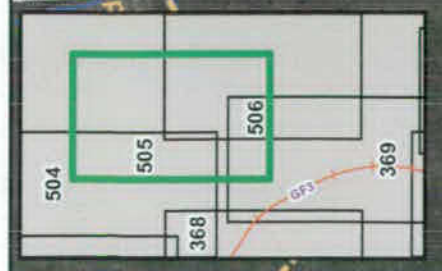
1S 43E 36

Goldfield

N
E
S
W

Feet: 0, 200, 400, 600, 800, 1,000

Meters: 0, 50, 100, 150, 200, 250



TITLE

Yucca Mountain Railroad
Caliente Alignment Map Atlas
Quarry NS-3A Area
Along GF3 Segment

PREPARED FOR	DOE	SCALE	1 : 5,000
DATE	MARCH 2008	VERSION	LEX20080317-001
SOURCE	PHE PROJECT TEAM		SHEET 506 OF 512

117°6'27"W
117°6'18"W
117°6'9"W
117°6'W
117°5'51"W
37°47'33"N
37°47'24"N
37°47'15"N
37°47'6"N
37°46'57"N
37°46'48"N
37°46'39"N

505
506
369
370
507
GF3

2S 43E 01
2S 44E 06
2S 43E 12
2S 44E 07

Plant
Northeast of Goldfield
BLM
NEVAD
TEST
AND
TRAINI
RANG

N
W
E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad Caliente Alignment Map Atlas Quarry NS-3B Area Along GF3 Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	REVISION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 507 OF 512

117°15'54"W
117°15'45"W
117°15'36"W
117°15'27"W
117°15'18"W
37°44'6"N
37°43'57"N
37°43'48"N
37°43'39"N
37°43'30"N
37°43'21"N
37°43'12"N
335
336
509
508
337
512
338
Water Line
Water Line
25 42E 26
25 42E 27
BLM
Quarry Conveyor Belt
Pipeline
26 42E 33
25 42E 34
N
W
E
S
Feet
200 400 600 800 1,000
Meters
0 50 100 150 200 250
Yucca Mountain Railroad
Caliente Alignment Map Atlas
Quarry ES-7 Area
Along GF4 Segment
PREPARED FOR: DOE
SCALE: 1 : 5,000
DATE: MARCH 2008
VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM
SHEET 508 OF 512

117°16'39"W 117°16'30"W 117°16'21"W 117°16'12"W 117°16'3"W

37°43'48"N
37°43'39"N
37°43'30"N
37°43'21"N
37°43'12"N
37°43'3"N

509
508
510
511
512

2S 42E 28

2S 42E 33

BLM

Quarry Conveyor Belt

N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas Quarry ES-7 Area Along GF4 Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 509 OF 512

117°17'24"W 117°17'15"W 117°17'6"W 117°16'57"W 117°16'48"W

37°43'30"N 37°43'21"N 37°43'12"N 37°43'3"N 37°42'54"N 37°42'45"N 37°42'36"N

509
510
511
512

2S 42E 32
2S 42E 33
BLM
Quarry Conveyor Belt
3S 42E 05
3S 42E 04

N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

TITLE: Yucca Mountain Railroad Caliente Alignment Map Atlas Quarry ES-7 Area Along GF4 Segment	
PREPARED FOR: DOE	SCALE: 1 : 5,000
DATE: MARCH 2008	VERSION: LEX20080317-001
SOURCE: PHE PROJECT TEAM	SHEET 510 OF 512

Yucca Mountain Railroad
Caliente Alignment Map Atlas
Quarry ES-7 Area
Along GF4 Segment

PREPARED FOR	DOE
SCALE	1 : 5,000
DATE	MARCH 2008
DESIGN	LEX200880317-001
SOURCE	PHE PROJECT TEAM
SHEET	511 OF 512

West of Garfield Plant

Quarry Conveyor Belt

BLM

Sulphur Spring

3S 42E 05

3S 42E 08

3S 42E 09

509 512 510 511

37°42'45"N 37°42'36"N 37°42'27"N 37°42'18"N 37°42'9"N 37°42'N 37°41'51"N

117°16'48"W 117°16'57"W 117°17'6"W 117°17'15"W 117°17'24"W

N E S W

Feet: 0 200 400 800 1,000

Meters: 0 50 100 150 200 250

117°16'39"W 117°16'30"W 117°16'21"W 117°16'12"W 117°16'3"W 117°15'54"W

37°42'45"N

37°42'36"N

37°42'27"N

37°42'18"N

37°42'9"N

37°42'N

37°41'51"N

512

3S 42E 04

Plant

West of Goldfield

Quarry
ES-7
West of Goldfield

BLM

3S 42E 09

N
W E
S

Feet
0 200 400 600 800 1,000

Meters
0 50 100 150 200 250

Yucca Mountain Railroad
Caliente Alignment Map Atlas
Quarry ES-7 Area
Along GF4 Segment

PREPARED FOR	SCALE
DOE	1 : 5,000
DATE	VERSION
MARCH 2008	LEX20080317-001
SOURCE	SHEET 512 OF 512
PHE PROJECT TEAM	