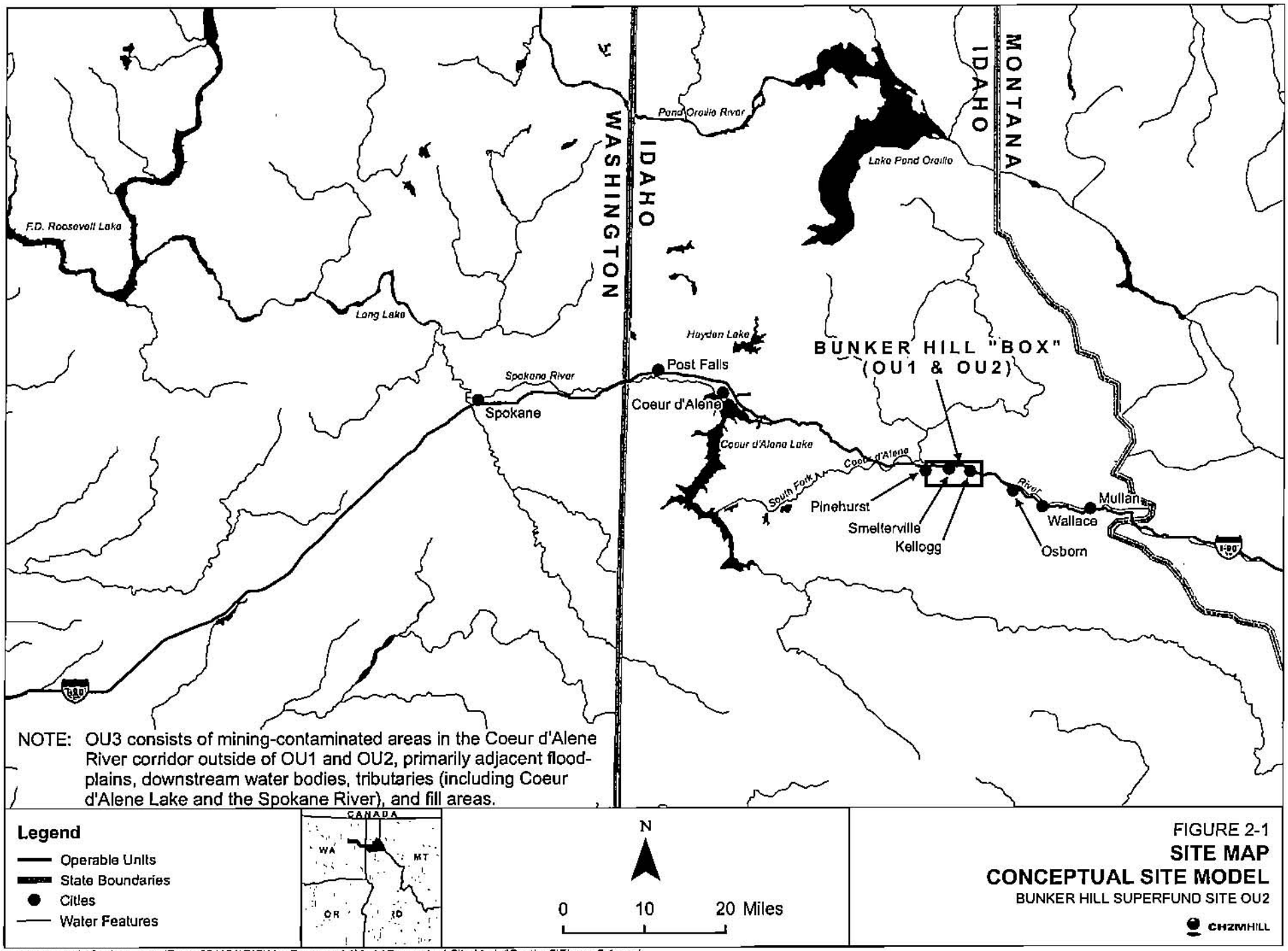


FIGURE 2-1
SITE MAP
CONCEPTUAL SITE MODEL
BUNKER HILL SUPERFUND SITE OU2

CH2MHILL

File Path: Z:\USEnvironmentalProte\321104\GIS\MapDocuments\Mxds\Conceptual Site Model\Section2\Figure 2-1.mxd

Legend

- OU2 Boundary
- Water Features

N

0 2,000 4,000 Feet

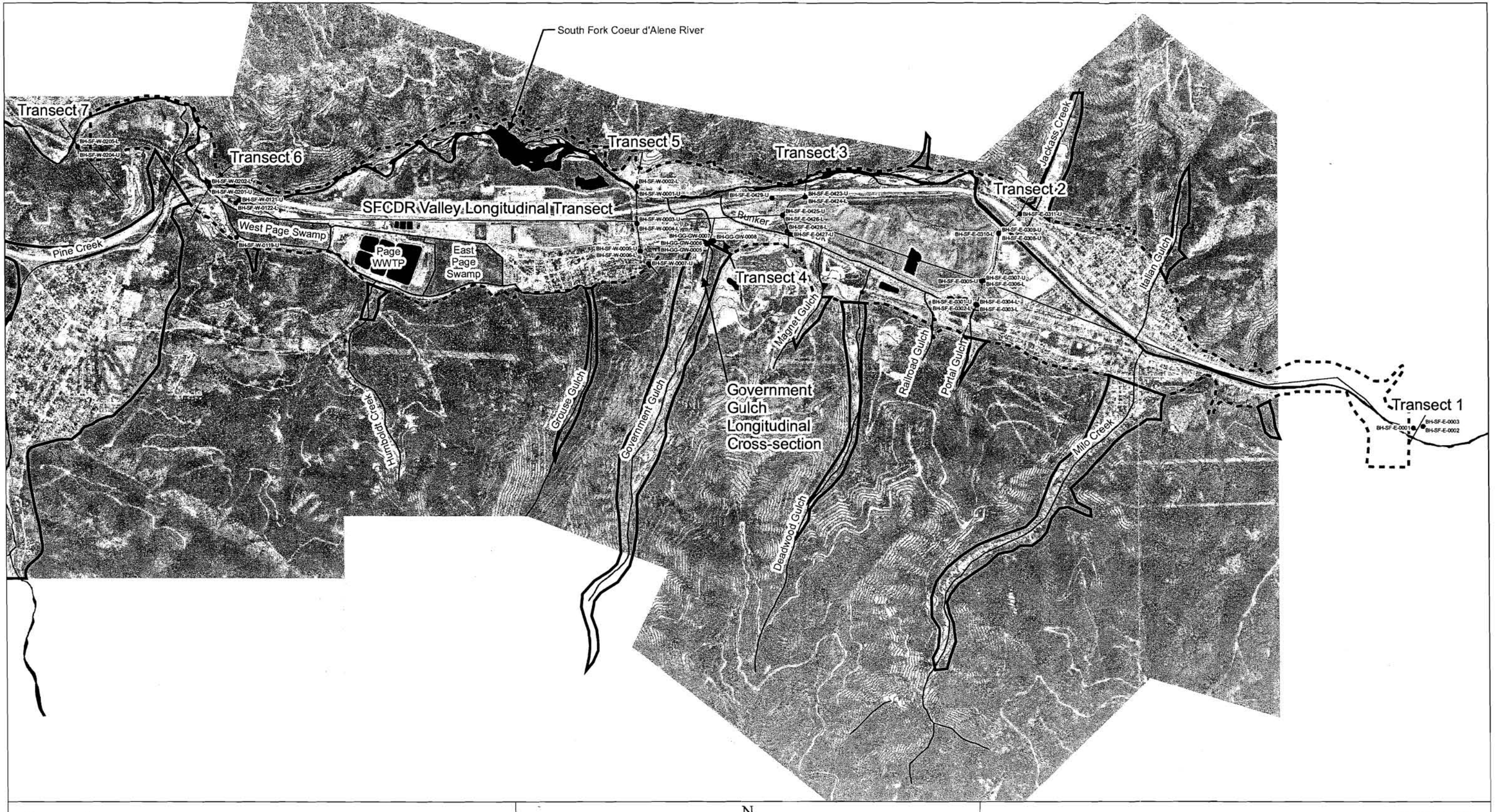
FIGURE 2-2

OU2 SITE MAP
CONCEPTUAL SITE MODEL

BUNKER HILL SUPERFUND SITE OU2

CH2MHILL

File Path: \\boo\proj\USEnvironmentalProte\321104\GIS\MapDocuments\Mxds\Conceptual Site Model\Section2\Figure 2-2.mxd, Date: December 6, 2005 10:27:01 AM



Legend

- Groundwater Wells for Geologic Cross-Sections
- Approximate Main Valley Alluvial Aquifer
- Approximate Upland Tributary Alluvial Aquifers
- Transects
- Water Features

N

0 2,500 5,000 Feet

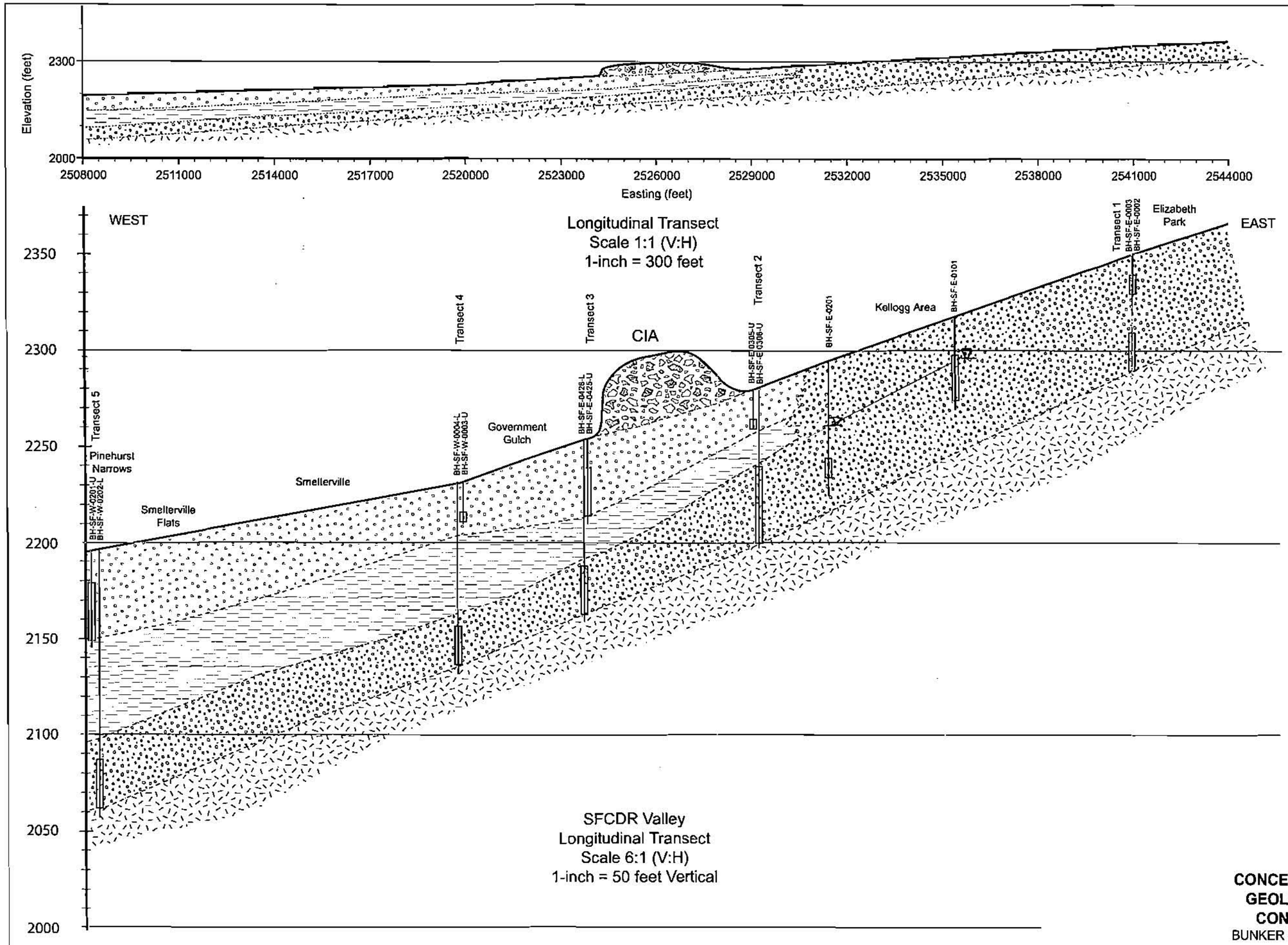
FIGURE 3-7

LOCATIONS OF GEOLOGIC CROSS-SECTIONS CONCEPTUAL SITE MODEL

BUNKER HILL SUPERFUND SITE OU2

CH2MHILL

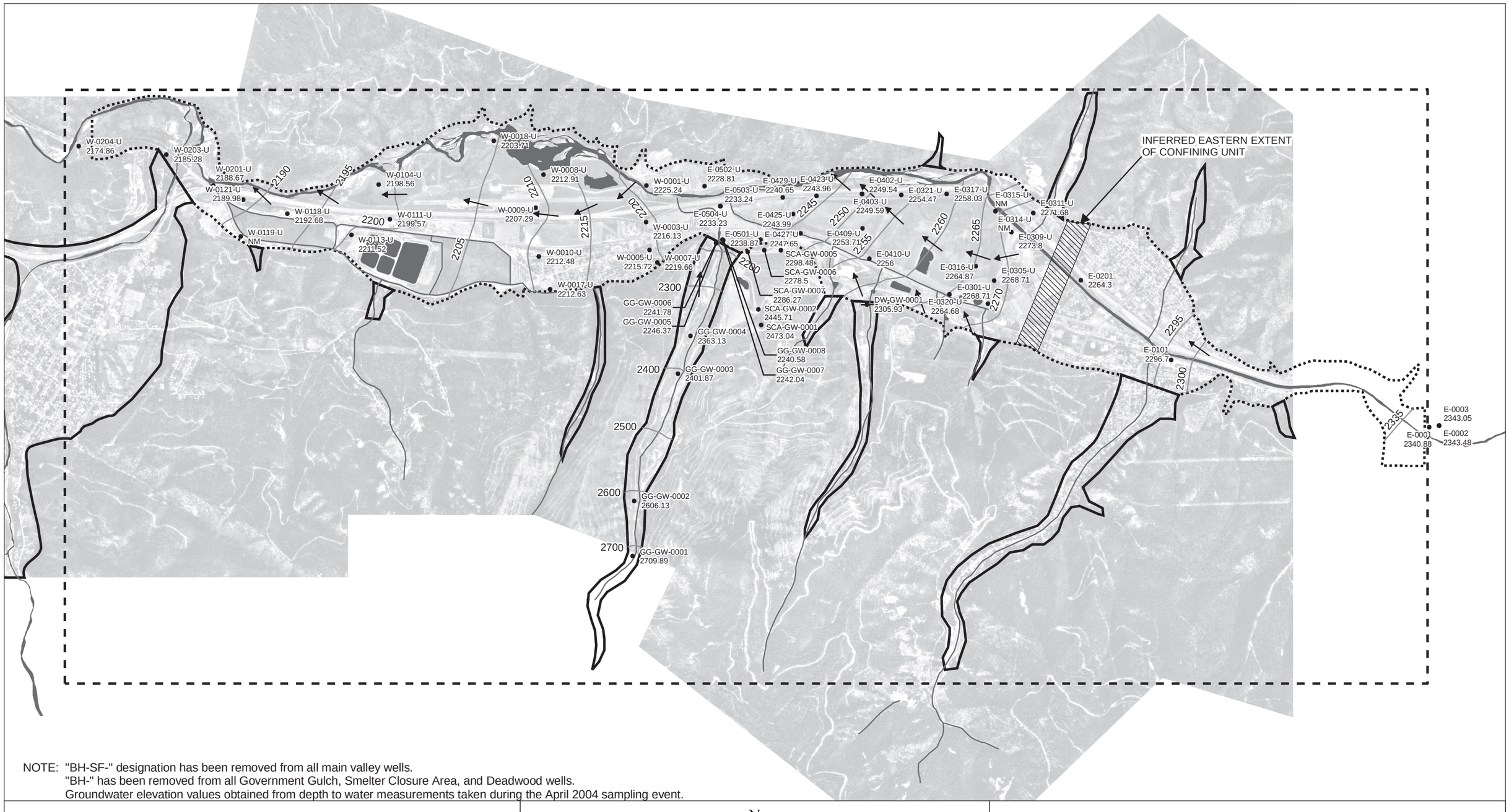
File Path: Z:\USEnvironmentalProte\321104\GIS\MapDocuments\Mxds\Conceptual Site Model\Section3\Figure 3-7.mxd



SFCDR Valley
Longitudinal Transect
Scale 6:1 (V:H)
1-inch = 50 feet Vertical

FIGURE 3-8
CONCEPTUAL LONGITUDINAL GEOLOGIC CROSS-SECTION CONCEPTUAL SITE MODEL
BUNKER HILL SUPERFUND SITE OU2

CH2MHILL



NOTE: "BH-SF-" designation has been removed from all main valley wells.
"BH-" has been removed from all Government Gulch, Smelter Closure Area, and Deadwood wells.
Groundwater elevation values obtained from depth to water measurements taken during the April 2004 sampling event.

Legend

- Monitoring Well, Name and Confining Unit Thickness in Feet
- Eastern Extent of Confining Unit
- OU2 Boundary
- Water Features
- Approximate Main Valley Alluvial Aquifer
- Approximate Upland Tributary Alluvial Aquifers
- Inferred Aquifer Equipotential Line
- Inferred Direction of Groundwater Flow

N

0 2,500 5,000 Feet

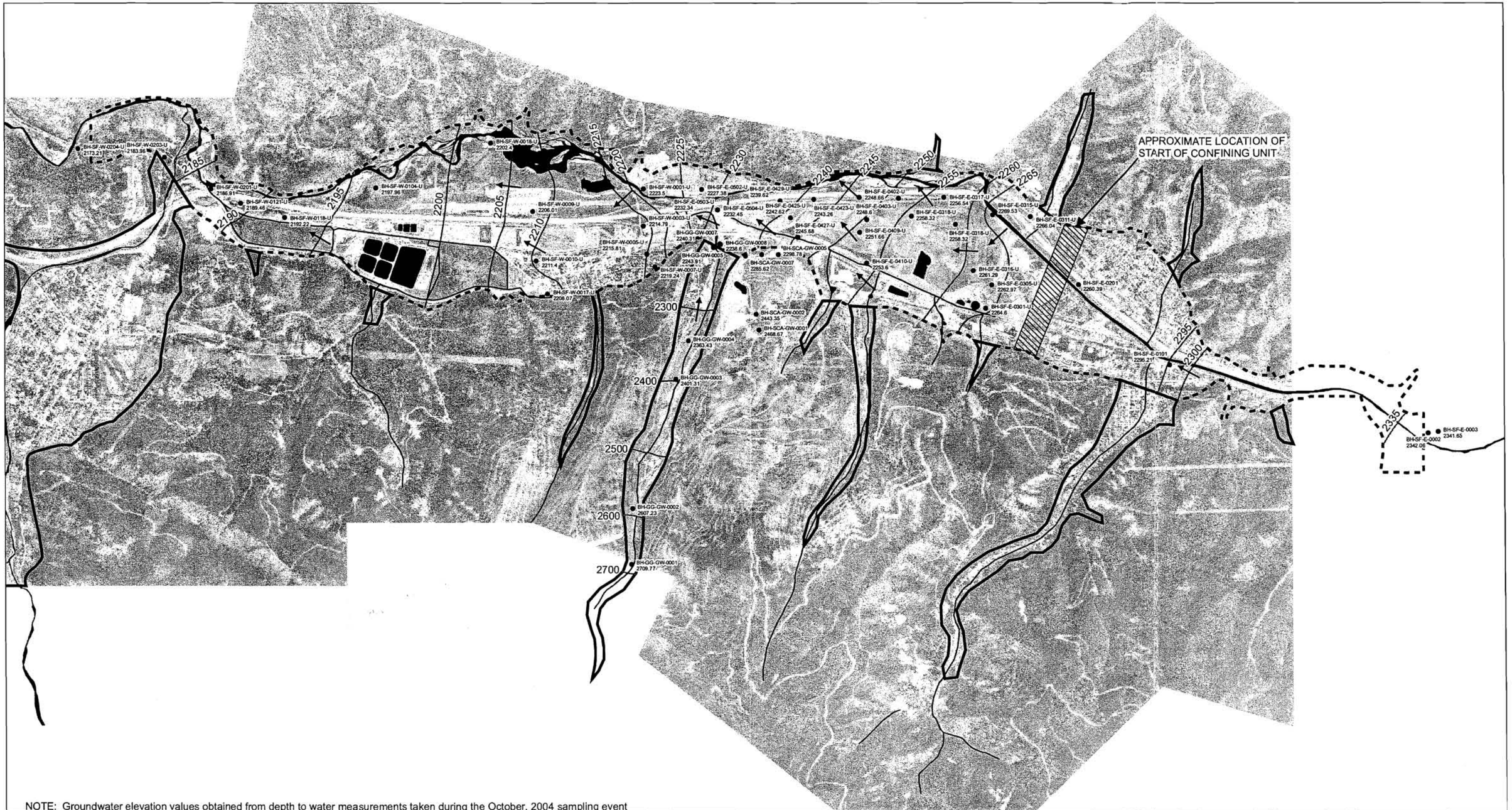
FIGURE 3-37

UPPER AQUIFER GROUNDWATER ELEVATION (APRIL 2004)
CONCEPTUAL SITE MODEL

BUNKER HILL SUPERFUND SITE OU2

CH2MHILL

File Path: Z:\USEnvironmentalProte\321104\GIS\MapDocuments\Mxds\Conceptual Site Model\Section3\Figure 3-37.mxd, Date: December 7, 2005 4:12:30 PM



NOTE: Groundwater elevation values obtained from depth to water measurements taken during the October, 2004 sampling event

Legend

- Upper Aquifer Groundwater Wells
- Water Features
- Inferred Start of Confining Unit
- Approximate Main Valley Alluvial Aquifer
- Approximate Upland Tributary Alluvial Aquifers
- Inferred Upper Aquifer Equipotential Line
- Inferred Direction of Groundwater Flow

N

0 2,500 5,000 Feet

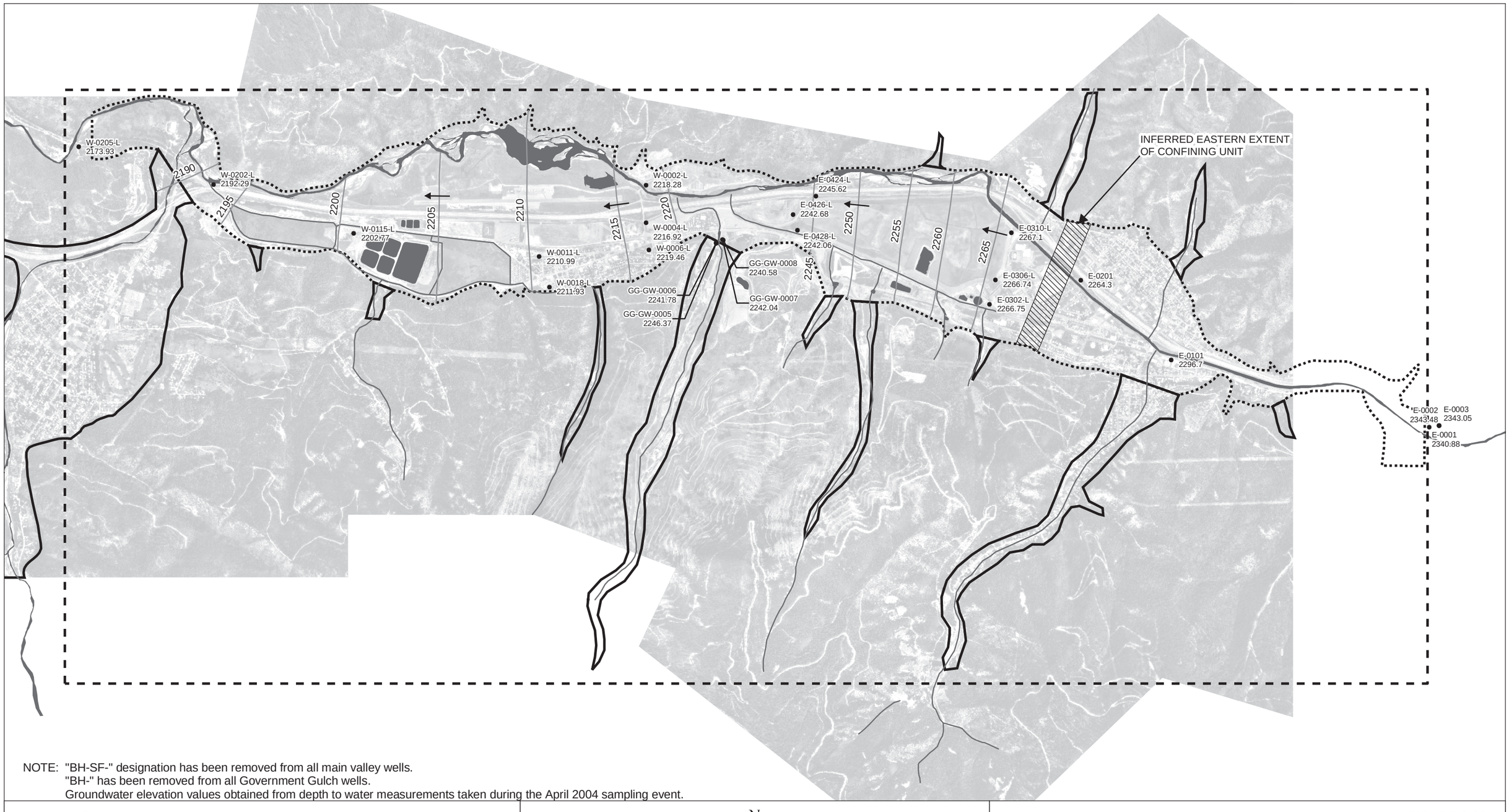
FIGURE 3-38

UPPER AQUIFER GROUNDWATER ELEVATION (OCTOBER 2004) CONCEPTUAL SITE MODEL

BUNKER HILL SUPERFUND SITE OU2

CH2MHILL

File Path: Z:\USEnvironmentalProte\321104\GIS\MapDocuments\Mxds\Conceptual Site Model\Section3\Figure 3-38.mxd



NOTE: "BH-SF-" designation has been removed from all main valley wells.
"BH-" has been removed from all Government Gulch wells.
Groundwater elevation values obtained from depth to water measurements taken during the April 2004 sampling event.

Legend

- Monitoring Well, Name and Confining Unit Thickness in Feet
- Eastern Extent of Confining Unit
- OU2 Boundary
- Water Features
- Approximate Main Valley Alluvial Aquifer
- Approximate Upland Tributary Alluvial Aquifers
- Inferred Lower Aquifer Equipotential Line
- Inferred Direction of Groundwater Flow

N

0 2,500 5,000 Feet

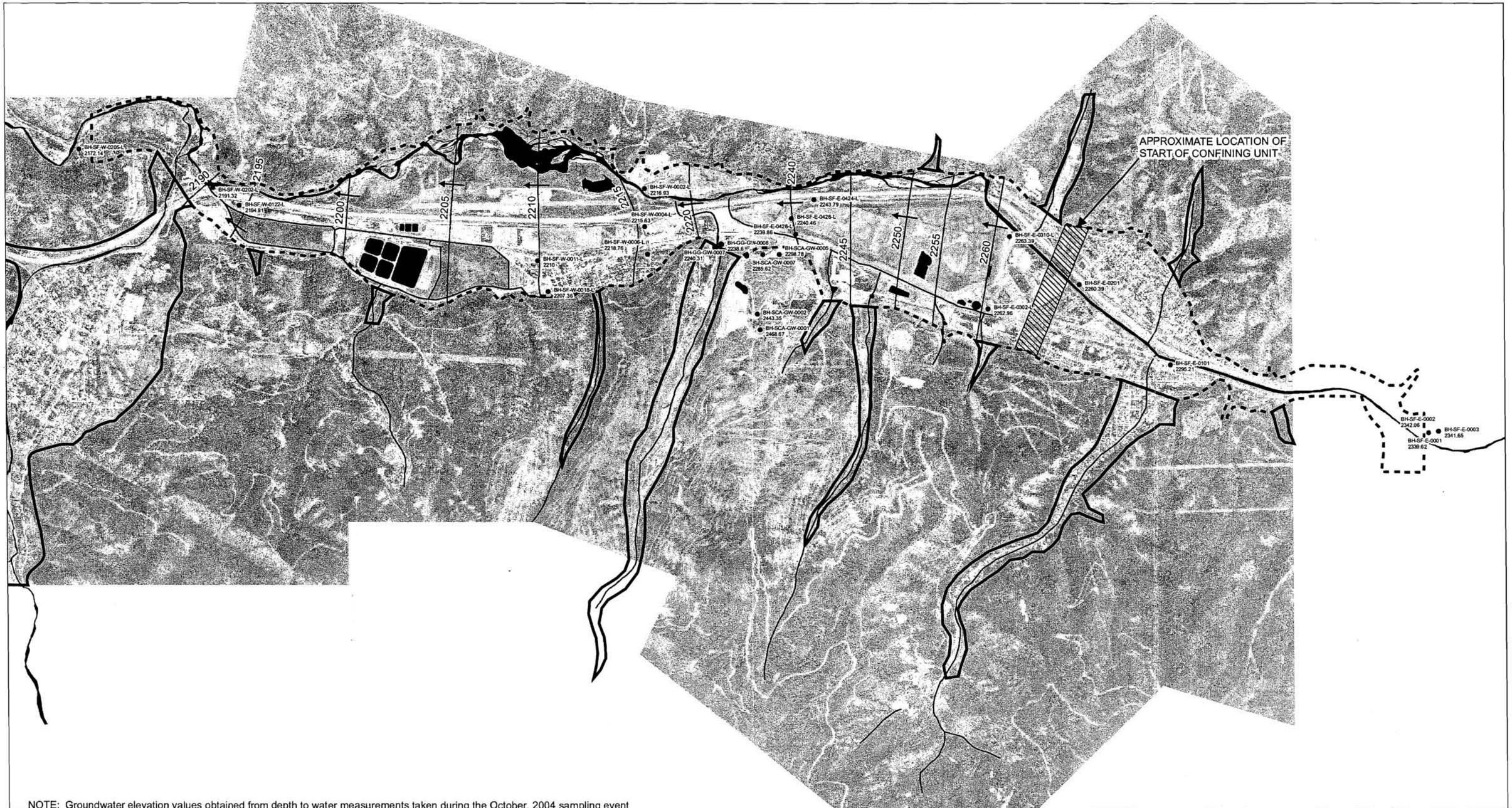
FIGURE 3-39

LOWER AQUIFER GROUNDWATER ELEVATION (APRIL 2004)
CONCEPTUAL SITE MODEL

BUNKER HILL SUPERFUND SITE OU2

CH2MHILL

File Path: Z:\USEnvironmentalProte\321104\GIS\MapDocuments\Mxds\Conceptual Site Model\Section3\Figure 3-39.mxd, Date: December 7, 2005 4:47:20 PM



NOTE: Groundwater elevation values obtained from depth to water measurements taken during the October, 2004 sampling event

Legend

- Lower Aquifer Groundwater Wells
- Water Features
- Inferred Start of Confining Unit
- Approximate Main Valley Alluvial Aquifer
- Approximate Upland Tributary Alluvial Aquifers
- Inferred Lower Aquifer Equipotential Line
- Inferred Direction of Groundwater Flow

N

0 2,500 5,000 Feet

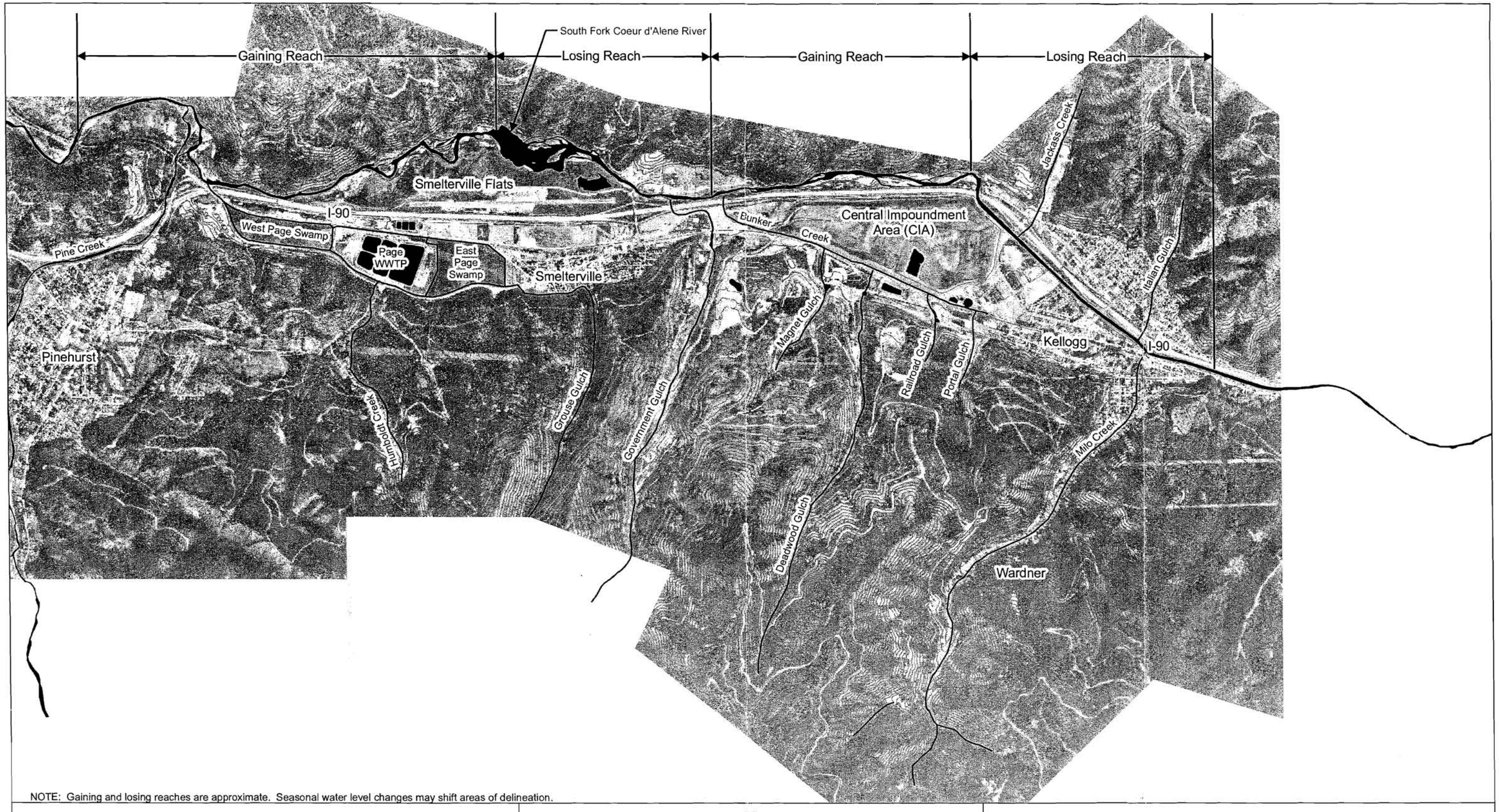
FIGURE 3-40

LOWER AQUIFER GROUNDWATER ELEVATION (OCTOBER 2004) CONCEPTUAL SITE MODEL

BUNKER HILL SUPERFUND SITE OU2

CH2MHILL

File Path: Z:\USEnvironmentalProte\321104\GIS\MapDocuments\Mxds\Conceptual Site Model\Section3\Figure 3-40.mxd



NOTE: Gaining and losing reaches are approximate. Seasonal water level changes may shift areas of delineation.

Legend

—— Water Features

N

0 2,500 5,000 Feet

FIGURE 3-41
SFCDR GAINING AND LOSING REACHES CONCEPTUAL SITE MODEL
BUNKER HILL SUPERFUND SITE OU2

CH2MHILL

File Path: Z:\USEnvironmental\Prote\321104\GIS\MapDocuments\Mxds\Conceptual Site Model\Section3\Figure 3-41.mxd