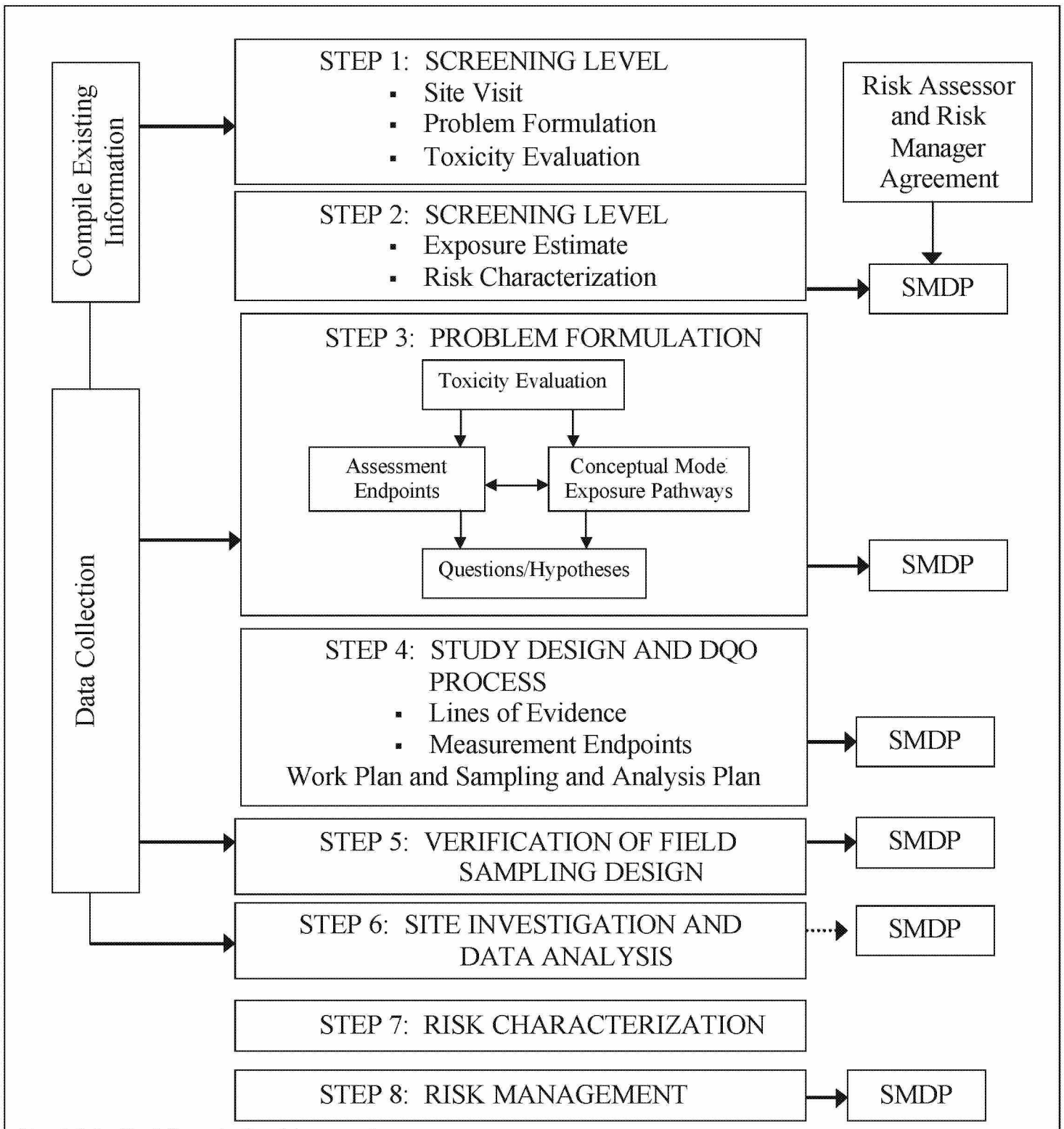
FIGURES

Figure 1-1. Eight Step Process for Ecological Risk Assessment at Superfund Sites

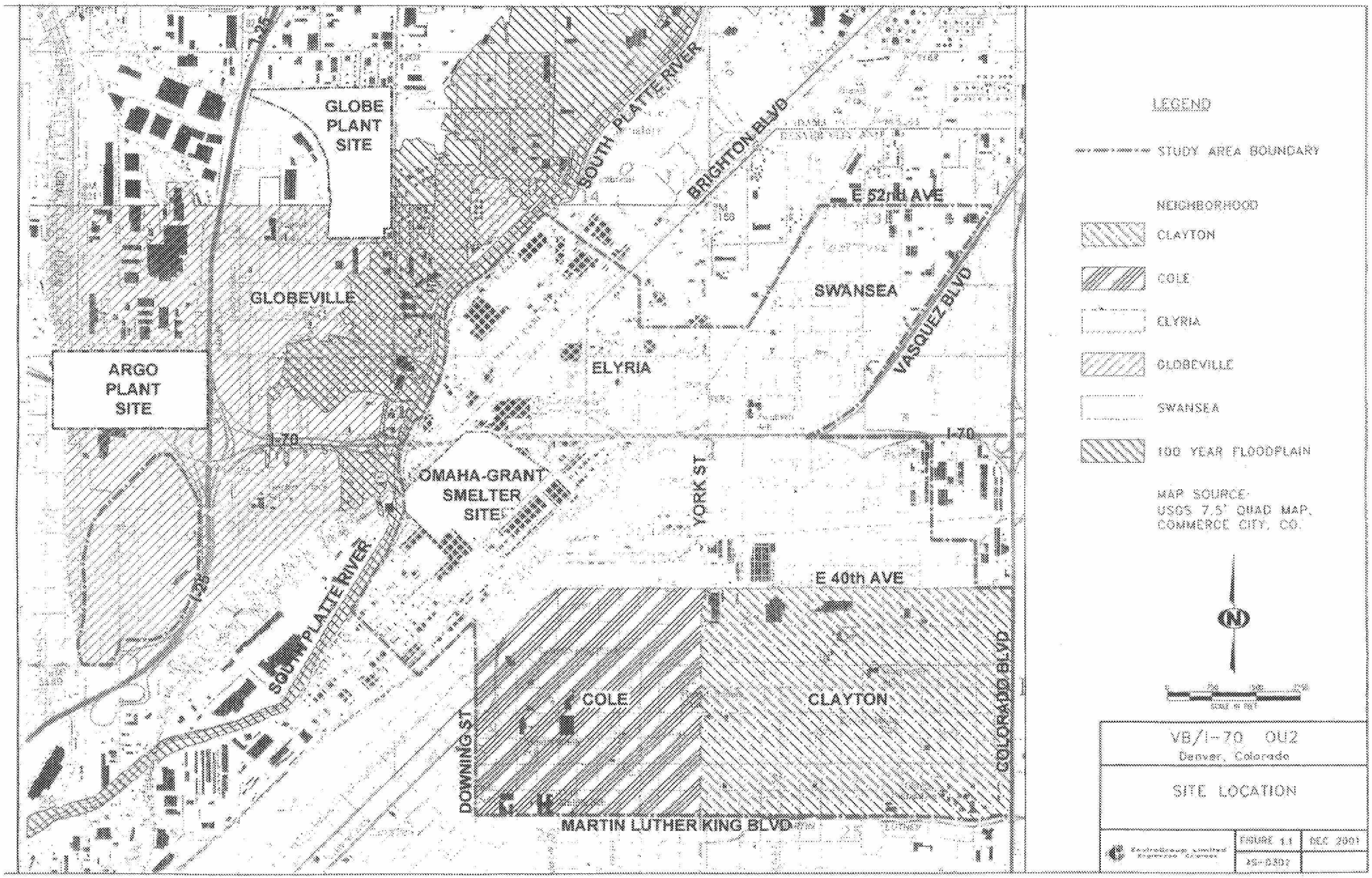


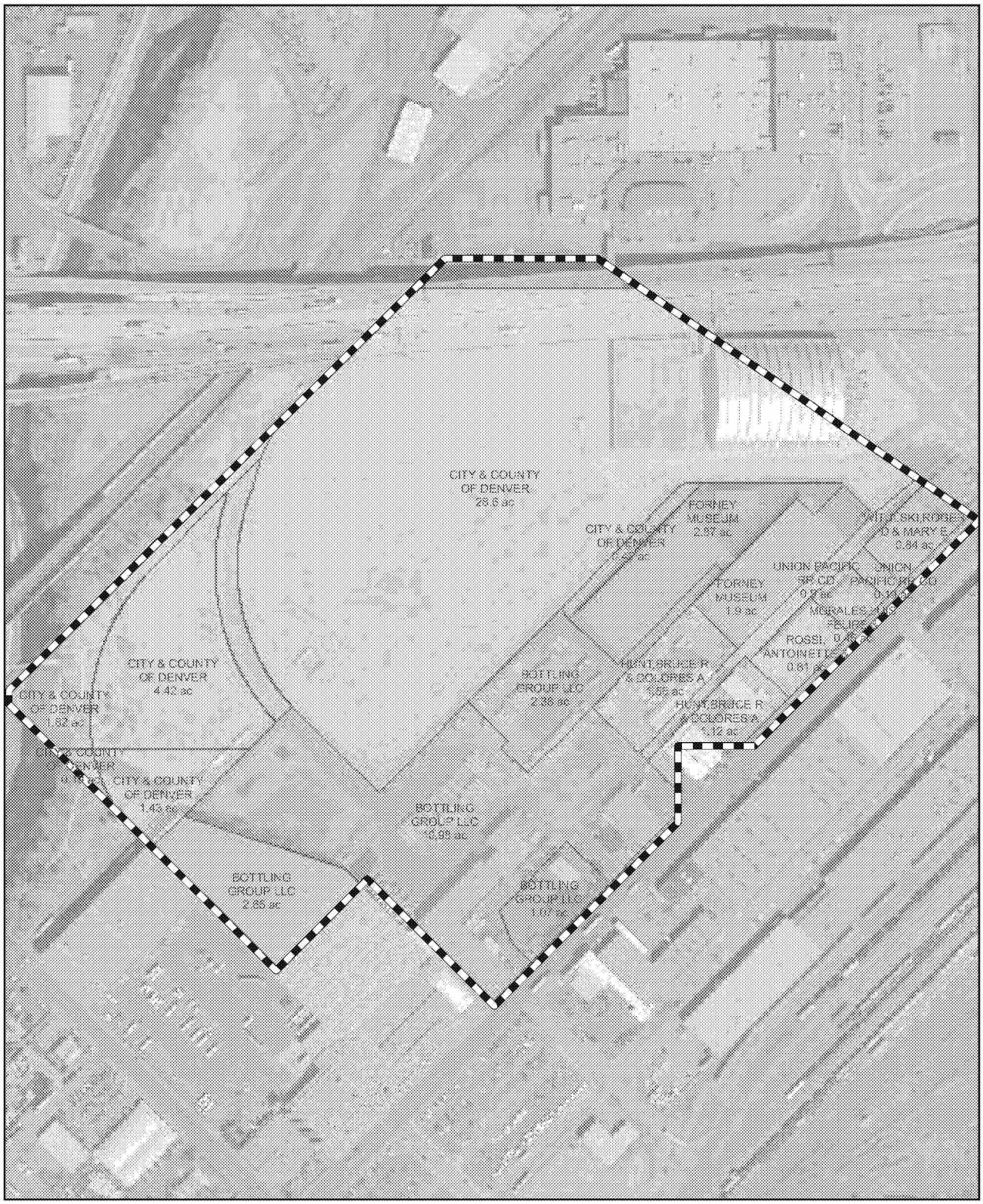
Steps 1 & 2 – Tier 1 (Screening-Level Assessment)
Steps 3 to 7 – Tier 2 (Baseline Assessment)

SMDP = Scientific/Management Decision Point

Source: USEPA 1997

Figure 2-1. VBI70 Study Area and Area Smelters





Legend

- BOTTLING GROUP LLC
- CITY & COUNTY OF DENVER
- FORNEY MUSEUM
- HUNT,BRUCE R & DOLORES A
- MINERAL MASTER
- MORALES,LUIS FELIPE
- ROSSI,ANTOINETTE
- UNION PACIFIC RR CO
- WITULSKI,ROGER D & MARY E
- OU2 Boundary

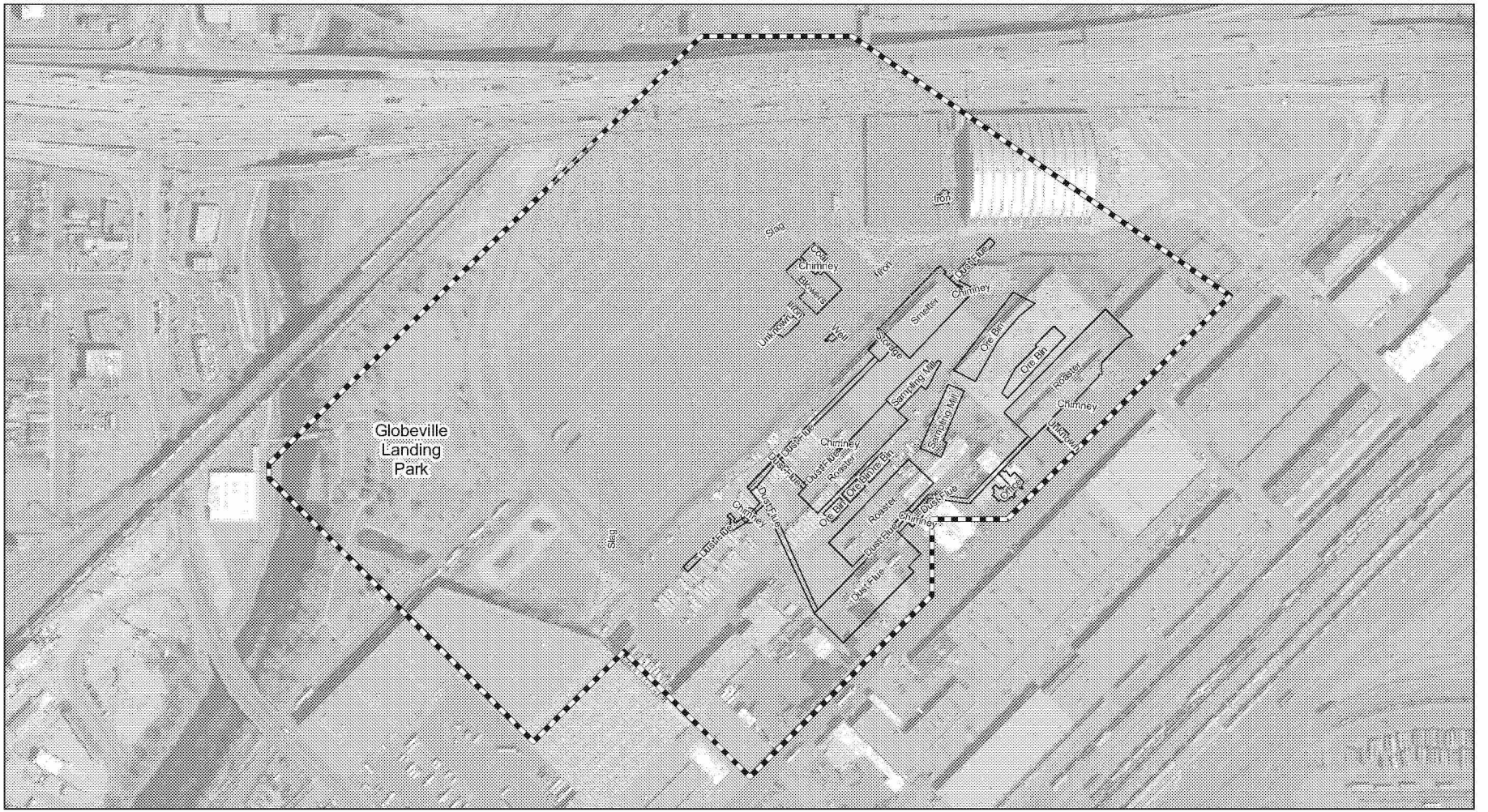
0 200 400
Feet

1 inch = 400 feet

Figure 2-2
OU-2 Site Map
VB I70 OU-2 Study

EMSI Engineering Support Management, Inc.

VB-I70-Fig2-2.mxd



Legend

- Stack Location
- Building Locations
- Slag
- OU2 Boundary

0 137.5 275 550 825 1,100
Feet
1 inch = 275 feet

N

Figure 2-3
Historical Smelter Facilities - 1903
VB I70 OU-2 Study

EMSI Engineering Support Management, Inc.

VB-I70-Fig2-3.mxd

ED_002396_00000240-00005

OU-#2 - Total Area = 67.4 ac

Legend

- 2008 Drilling
- Barn Samples
- Pepsi Area 3 Soil Samples
- Pepsi Area 5 Soil Samples
- Pepsi Area 6 Soil Samples
- BB-BB-xx Holes
- BH Soil Samples
- MW Holes
- QUAD Samples
- SB Soil Samples
- CDOT Holes
- Pepsi UT (Utility Trenches) Soil Locations

Areal Soil Samples with Addresses

- 3601 Brighton Blvd
- 4301 Brighton Blvd
- 4375 Brighton Blvd
- 4600 Humbolt
- Boundary OU2 (Operable Unit 2)

	Total Area	Total Area of Buildings	Total Open Area
EU-#1 --	17.3 ac	4.3 ac	13.0 ac
EU-#2 --	11.0 ac	5.1 ac	5.9 ac
EU-#3 --	16.0 ac	3.2 ac	12.8 ac
EU-#4 --	16.2 ac	0.0 ac	16.2 ac

Total Area of Buildings = 12.6 ac

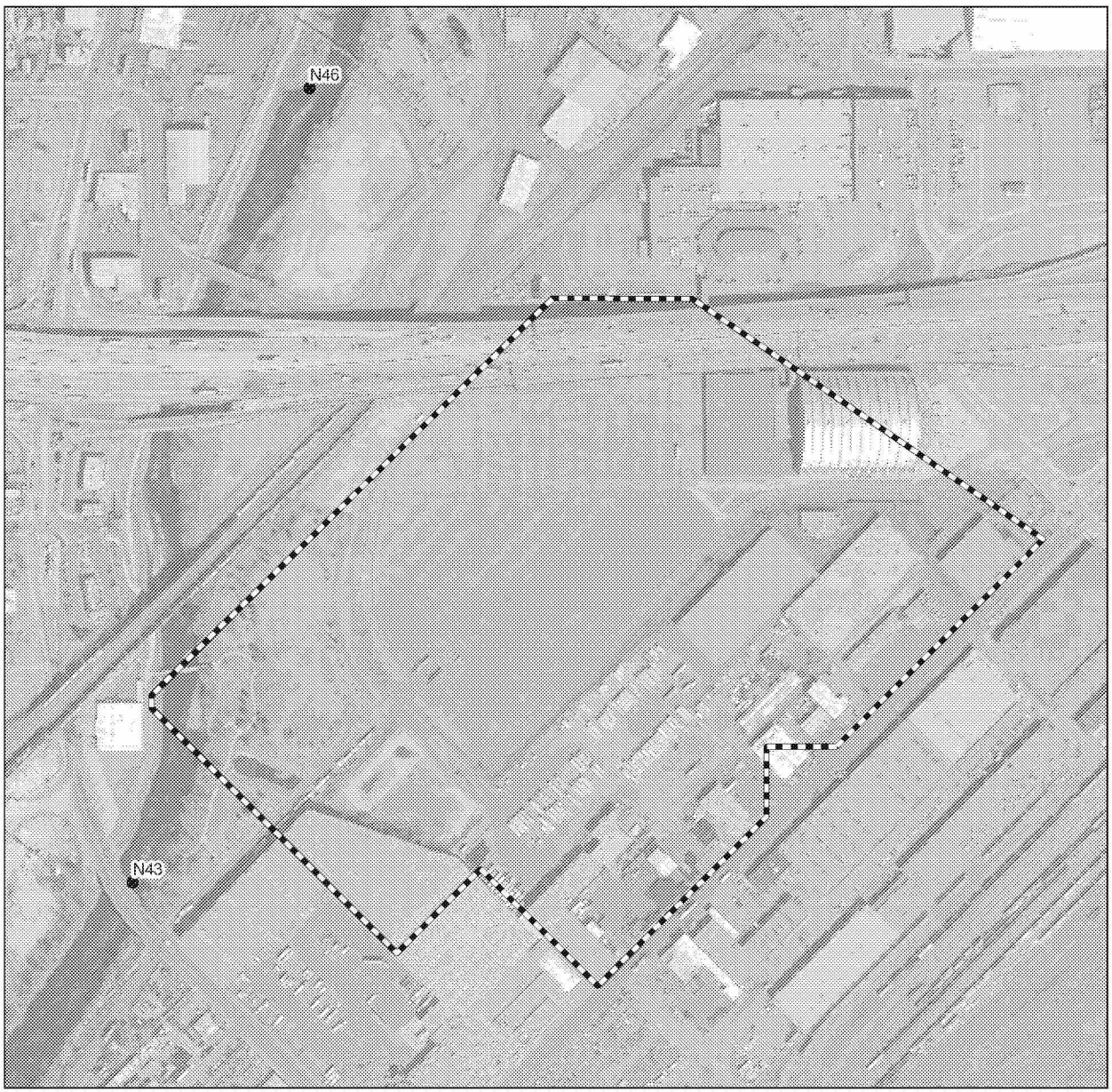
0 87.5 175 350 525 700
Feet
1 inch = 175 feet

N

Figure 2-4
Soil Sample Locations
VB I70 Study

EMSI Engineering Support Management, Inc.

ED_002396_00000240-00006



Legend

- Surface Water and Sediment Sample Locations
- OU2 Boundary

N

0 162.5 325 650
Feet

1 inch = 325 feet

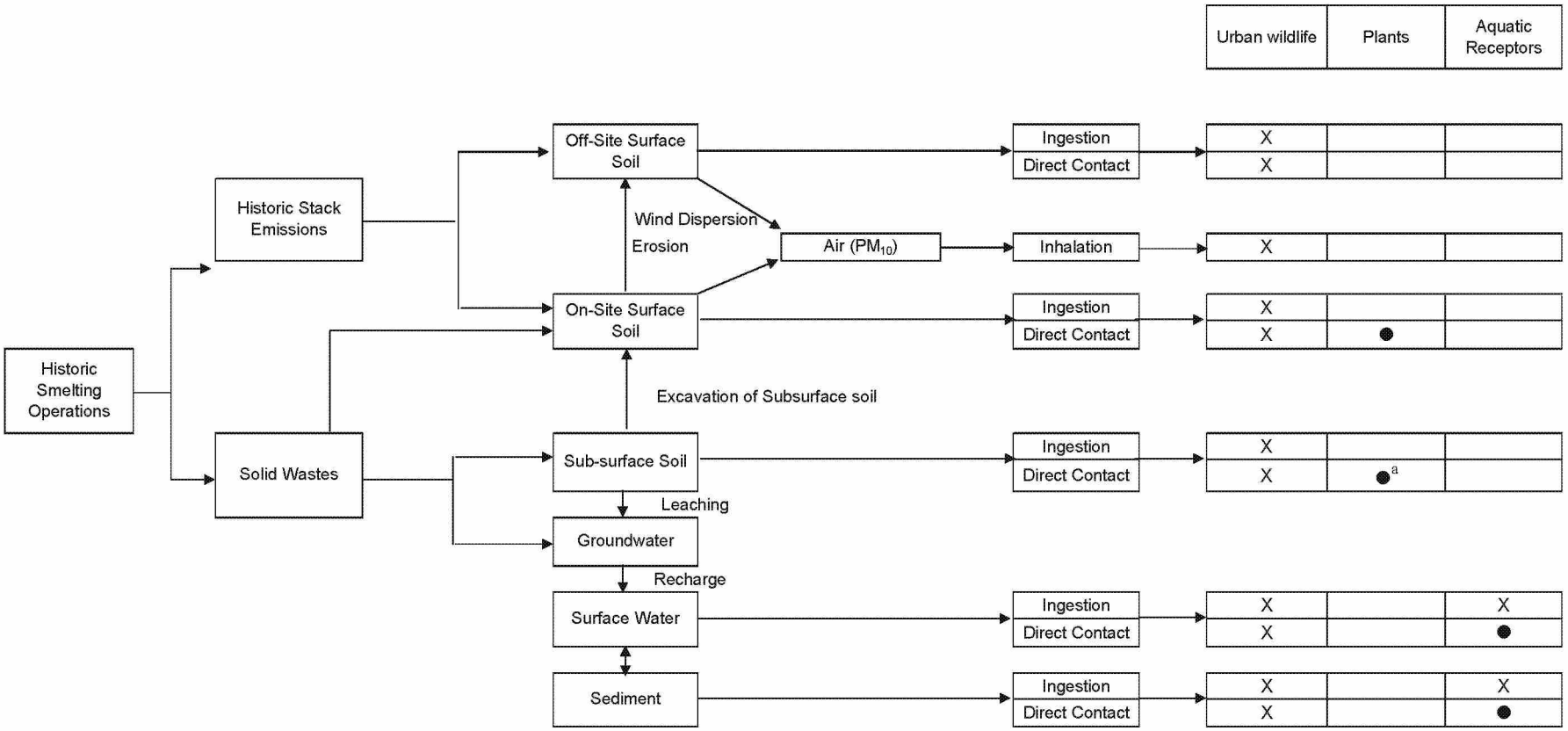
Figure 2-5
Surface Water and
Sediment Sampling Locations Map
VB I70 OU-2 Study

EMSI Engineering Support Management, Inc.

VB-I70-Fig2-5-SedimentSampling.mxd

ED_002396_00000240-00007

Figure 3-1. Site Conceptual Model for Ecological Exposure



LEGEND

	Pathway is not complete; no evaluation required
X	Pathway is or might be complete, but is judged to be minor; qualitative evaluation
●	Pathway is or might be complete and might be significant; sufficient data are available for quantitative evaluation

a Currently, the exposure to subsurface soil pathway is incomplete; however, future hypothetical exposures to subsurface soils that are excavated and brought to the surface will be evaluated.

3-1_VBI70 OU2 ECO SCM_v1.xls