



HYDROMETRICS INC.

Consulting Scientists and Engineers
Tucson, Arizona

Soil Boring Log

Hole Name: RIBH-9

Date Hole Started: 7/1/97 Date Hole Finished: 7/1/97

Client: ASARCO, Inc.

Project: Asarco El Paso Agreed Order RI

County: El Paso State: Texas

Property Owner: ASARCO, Inc.

Legal Description: Asarco Plant

Descriptive Location: Foul line 3rd base

Recorded By: Lairy Johnson

Drilling Company: Layne

Driller: Dave Hogan

Drilling Method: Hollow Stem Auger

Drilling Fluids Used: None

Purpose of Hole: Boring

Target Aquifer: Alluvial/Colluvial

Hole Diameter (in): 7 inch

Total Depth Drilled (ft): 12

WELL COMPLETION Y/N DESCRIPTION INTERVAL

Well Installed? N

Surface Casing Used? N

Screen/Perforations? N

Sand Pack? Y 12-20 CSSI 8 - 12 Feet

Annular Seal? Y Bentonite Chips

Surface Seal? N

DEVELOPMENT/SAMPLING

Well Developed? N

Water Samples Taken? N

Boring Samples Taken? N 5 foot intervals

Static Water Level Below MP:

Surface Casing Height (ft):

Date:

Riser Height (ft):

MP Description:

Ground Surface Elevation (ft): 3725.62

MP Height Above or Below Ground (ft):

MP Elevation (ft):

Remarks: All soil descriptions and size fraction distributions based on field observations and tests. Samples were collected with a 2-inch ID split spoon and grab samples

DEPTH	SAMPLE NUMBER	SAMPLE TYPE	BLOW COUNT	RECOVERY (feet)	DRILLING AND GEOTECHNICAL NOTES	GRAPHICS	GEOLOGICAL DESCRIPTION
	RIBH-9A	SS	35/2	2.00	0.0 - 2.0'		0.0 - 0.5' Gravelly SAND Moderate yellow brown, (10 YR 5/4), fine to coarse, loose, gap graded, dry.
							0.5 - 12.0' SAND Dark yellow brown, (10 YR 4/2) to moderate yellow brown (10YR 5/4), fine to medium uniform, medium dense, dry, H2O @ 10'.
5	RIBH-9B	SS	7/2	2.00	5.0 - 7.0'		
10	RIBH-9C	SS	7/2	2.00	10.0 - 12.0'		
15							

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HYDROMETRICS INC.

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Tucson, Arizona

Soil Boring Log

Hole Name: RIBH-10

Date Hole Started: 7/1/97 Date Hole Finished: 7/1/97

Client: ASARCO, Inc.

Project: Asarco El Paso Agreed Order RI

County: El Paso State: Texas

Property Owner: ASARCO, Inc.

Legal Description: Asarco Plant

Descriptive Location: Near EP-59

Recorded By: Lairy Johnson

Drilling Company: Layne

Driller: Dave Hogan

Drilling Method: Hollow Stem Auger

Drilling Fluids Used: None

Purpose of Hole: Boring

Target Aquifer: Alluvial/Colluvial

Hole Diameter (in): 7 inch

Total Depth Drilled (ft): 12

WELL COMPLETION	Y/N	DESCRIPTION	INTERVAL
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Well Installed?	N		
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Surface Casing Used?	N		
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Screen/Perforations?	N		
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Sand Pack?	Y	12-20 CSSI	8 - 12 Feet
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Annular Seal?	Y	Bentonite Chips	
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Surface Seal?	N		
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DEVELOPMENT/SAMPLING

Well Developed?	N		
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Water Samples Taken?	N		
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Boring Samples Taken?	Y	XRF	5 foot intervals
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Static Water Level Below MP:

Surface Casing Height (ft):

Date:

Riser Height (ft):

MP Description:

Ground Surface Elevation (ft): 3725.88

MP Height Above or Below Ground (ft):

MP Elevation (ft):

Remarks: All soil descriptions and size fraction distributions based on field observations and tests. Samples were collected with a 2-inch ID split spoon and grab samples

DEPTH	SAMPLE NUMBER	SAMPLE TYPE	BLOW COUNT	RECOVERY (feet)	DRILLING AND GEOTECHNICAL NOTES	GRAPHICS	GEOLOGICAL DESCRIPTION
	RIBH-10A	SS	6/2	2.00	0.0 - 2.0'		0.0 - 1.0' SAND Light brown (5YR 5/6), fine to coarse, loose, uniform, dry.
							1.0 - 6.0' Gravelly Silty SAND Dark yellow brown (10YR 4/12), fine to coarse, medium dense, gap graded, pieces of brick
5	RIBH-10B	SS	20/2	0.50	5.0 - 7.0' Rock in shoe		6.0 - 9.0' Gravelly SAND Moderate yellow brown (10 YR 5/4), coarse grained, loose, gap graded, moist.
10	RIBH-10C	SS	11/2	2.00	10.0 - 12.0'		9.0 - 12.0' SAND Pale brown (5YR 5/2), fine to medium, med. dense, uniform, wet.
15							

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HYDROMETRICS INC.

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Tucson, Arizona

Soil Boring Log

Hole Name: SSENT-1

Date Hole Started: 7/17/97 Date Hole Finished: 7/17/97

Client: ASARCO, Inc.

Project: Asarco El Paso Agreed Order RI

County: El Paso State: Texas

Property Owner: ASARCO, Inc.

Legal Description: Asarco Plant

Descriptive Location:

Recorded By: Lairy Johnson

Drilling Company: Layne

Driller: Dave Hogan

Drilling Method: Hand Auger

Drilling Fluids Used: None

Purpose of Hole: Boring

Target Aquifer: Alluvial/Colluvial

Hole Diameter (in): 7 inch

Total Depth Drilled (ft): 5

WELL COMPLETION	Y/N	DESCRIPTION	INTERVAL
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Well Installed?	N
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Surface Casing Used?	N
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Screen/Perforations?	N
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Sand Pack?	N
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Annular Seal?	N
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Surface Seal?	N
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DEVELOPMENT/SAMPLING

Well Developed?	N
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Water Samples Taken?	N
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Boring Samples Taken?	N
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Static Water Level Below MP:

Date:

MP Description:

MP Height Above or Below Ground (ft):

Surface Casing Height (ft):

Riser Height (ft):

Ground Surface Elevation (ft): 3792.63

MP Elevation (ft):

Remarks:

DEPTH	SAMPLE NUMBER	SAMPLE TYPE	BLOW COUNT	RECOVERY (feet)	DRILLING AND GEOTECHNICAL NOTES	GRAPHICS	GEOLOGICAL DESCRIPTION
	SSENT-1A	GRAB			0.0 - 2.0'		0.0 - 0.5' Sandy GRAVEL Dusky yellow brown (10YR 2/2) Fine to medium, dry with slag fragments (Fill)
							0.5 - 1.9' Sandy GRAVEL Dark yellow brown (10YR 4/2) Andesite gravel to 6" diameter fine to coarse sand loose
	SSENT-1B	GRAB			1.5 - 3.0'		
							1.9 - 3.3' SAND Light brown (5YR 5/6) Fine to coarse, loose gap graded, dry
	SSENT-1C	GRAB			3.0 - 4.0'		
							3.3 - 5.0' Gravelly SAND Light brown to dark yellow brown (10YR 4/2) Fine to coarse, loose, gap graded
	SSENT-1D	GRAB			4.0 - 5.0'		

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HYDROMETRICS INC.

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Soil Boring Log

Hole Name: SSENT-2

Date Hole Started: 7/17/97 Date Hole Finished: 7/17/97

Client: ASARCO, Inc.

Project: Asarco El Paso Agreed Order RI

County: El Paso State: Texas

Property Owner: ASARCO, Inc.

Legal Description: Asarco Plant

Descriptive Location:

Recorded By: Lairy Johnson

Drilling Company: Layne

Driller: Dave Hogan

Drilling Method: Hand Auger

Drilling Fluids Used: None

Purpose of Hole: Boring

Target Aquifer: Alluvial/Colluvial

Hole Diameter (in): 4 inch

Total Depth Drilled (ft): 5

WELL COMPLETION	Y/N	DESCRIPTION	INTERVAL
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Well Installed?	N		
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Surface Casing Used?	N		
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Screen/Perforations?	N		
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Sand Pack?	N		
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Annular Seal?	N		
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Surface Seal?	N		
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DEVELOPMENT/SAMPLING

Well Developed?	N
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Water Samples Taken?	N
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Boring Samples Taken?	N
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Static Water Level Below MP:

Date:

MP Description:

MP Height Above or Below Ground (ft):

Surface Casing Height (ft):

Riser Height (ft):

Ground Surface Elevation (ft): 3790.00

MP Elevation (ft):

Remarks:

DEPTH	SAMPLE NUMBER	SAMPLE TYPE	BLOW COUNT	RECOVERY (feet)	DRILLING AND GEOTECHNICAL NOTES	GRAPHICS	GEOLOGICAL DESCRIPTION
	SSENT-2A	GRAB			0.0 - 0.2'		0.0 - 0.5' Gravelly SAND Pale yellow brown (10YR 6/2) Fine to coarse, loose, dry, gap graded, gravels of slag, limestone and andesite
							0.5 - 0.7' CONCRETE
							0.7 - 4.5' Gravelly SAND Dusky yellow brown (10YR 2/2) Fine to coarse, moist, gap graded, loose (water at 4.25')
	SSENT-2B	GRAB			1.5 - 3.0'		
	SSENT-2C	GRAB			3.0 - 4.0'		
	SSENT-2D	GRAB			4.0 - 5.0'		
5							4.5 - 5.0' Silty SAND Light brown (5YR 6/4) Fine grained, dense, some plasticity, gap graded

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Soil Boring Log

Hole Name: SSENT-3

Date Hole Started: 7/17/97 Date Hole Finished: 7/17/97

Client: ASARCO, Inc.

Project: Asarco El Paso Agreed Order RI

County: El Paso State: Texas

Property Owner: ASARCO, Inc.

Legal Description: Asarco Plant

Descriptive Location:

Recorded By: Lairy Johnson

Drilling Company: Layne

Driller: Dave Hogan

Drilling Method: Hand Auger

Drilling Fluids Used: None

Purpose of Hole: Boring

Target Aquifer: Alluvial/Colluvial

Hole Diameter (in): 4 inch

Total Depth Drilled (ft): 5

WELL COMPLETION	Y/N	DESCRIPTION	INTERVAL
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Well Installed?	N		
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Surface Casing Used?	N		
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Screen/Perforations?	N		
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Sand Pack?	N		
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Annular Seal?	N		
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Surface Seal?	N		
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DEVELOPMENT/SAMPLING

Well Developed?	N		
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Water Samples Taken?	N		
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Boring Samples Taken?	N		
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Static Water Level Below MP:

Surface Casing Height (ft):

Date:

Riser Height (ft):

MP Description:

Ground Surface Elevation (ft): 3788.36

MP Height Above or Below Ground (ft):

MP Elevation (ft):

Remarks:

DEPTH	SAMPLE NUMBER	SAMPLE TYPE	BLOW COUNT	RECOVERY (feet)	DRILLING AND GEOTECHNICAL NOTES	GRAPHICS	GEOLOGICAL DESCRIPTION
	SSENT-3-A	GRAB			0.0 - 0.2'		0.0 - 1.5' Gravelly SAND Dark yellow brown (10YR 4/2) to light brown (5YR 6/4) Fine to coarse, loose to dense, gap graded, dry, gravels of slag at surface
	SSENT-3-B	GRAB			1.5 - 3.0' No samples below 1.5' due to water		



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Tucson, Arizona

Soil Boring Log

Hole Name: SSENT-4

Date Hole Started: 7/17/97 Date Hole Finished: 7/17/97

Client: ASARCO, Inc.

Project: Asarco El Paso Agreed Order RI

County: El Paso State: Texas

Property Owner: ASARCO, Inc.

Legal Description: Asarco Plant

Descriptive Location:

Recorded By: Lairy Johnson

Drilling Company: Layne

Driller: Dave Hogan

Drilling Method: Hand Auger

Drilling Fluids Used: None

Purpose of Hole: Boring

Target Aquifer: Alluvial/Colluvial

Hole Diameter (in): 4 inch

Total Depth Drilled (ft): 5

WELL COMPLETION	Y/N	DESCRIPTION	INTERVAL
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Well Installed?	N		
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Surface Casing Used?	N		
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Screen/Perforations?	N		
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Sand Pack?	N		
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Annular Seal?	N		
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Surface Seal?	N		
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DEVELOPMENT/SAMPLING

Well Developed?	N
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Water Samples Taken?	N
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Boring Samples Taken?	N
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Static Water Level Below MP:

Surface Casing Height (ft):

Date:

Riser Height (ft):

MP Description:

Ground Surface Elevation (ft): 3787.64

MP Height Above or Below Ground (ft):

MP Elevation (ft):

Remarks:

DEPTH	SAMPLE NUMBER	SAMPLE TYPE	BLOW COUNT	RECOVERY (feet)	DRILLING AND GEOTECHNICAL NOTES	GRAPHICS	GEOLOGICAL DESCRIPTION
	SSENT-4-A	GRAB			0.0 - 0.2'		0.0 - 1.5' Gravelly SAND Dark yellow brown (10YR 4/2) Fine to coarse, dense, dry, gap graded
	SSENT-4-B	GRAB			1.5 - 3.0' No samples below 1.5' due to water.		1.5 - 3.0' SAND Moderate yellow brown (10YR 5/2) Medium to coarse, quartz, andesite, loose, uniform (water at 2.9')
5							

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Tucson, Arizona

Soil Boring Log

Hole Name: SSENT-5

Date Hole Started: 7/17/97 Date Hole Finished: 7/17/97

Client: ASARCO, Inc.

Project: Asarco El Paso Agreed Order RI

County: El Paso State: Texas

Property Owner: ASARCO, Inc.

Legal Description: Asarco Plant

Descriptive Location:

Recorded By: Lairy Johnson

Drilling Company: Layne

Driller: Dave Hogan

Drilling Method: Hand Auger

Drilling Fluids Used: None

Purpose of Hole: Boring

Target Aquifer: Alluvial/Colluvial

Hole Diameter (in): 4 inch

Total Depth Drilled (ft): 5

WELL COMPLETION	Y/N	DESCRIPTION	INTERVAL
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Well installed? N

Surface Casing Used? N

Screen/Perforations? N

Sand Pack? N

Annular Seal?	N
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Surface Seal? N

DEVELOPMENT/SAMPLING

Well Developed?	N
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Water Samples Taken? N

Boring Samples Taken? N

Static Water Level Below MP:

Date:

MP Description:

MP Height Above or Below Ground (ft):

Surface Casing Height (ft):

Riser Height (ft):

Ground Surface Elevation (ft): 3791.39

MP Elevation (ft):

Remarks:

DEPTH	SAMPLE NUMBER	SAMPLE TYPE	BLOW COUNT	RECOVERY (feet)	DRILLING AND GEOTECHNICAL NOTES	GRAPHICS	GEOLOGICAL DESCRIPTION
	SSENT-5-A	GRAB			0.0 - 0.2'		0.0 - 2.8' Gravelly SAND Dark yellow brown (10YR 4/2) Fine to coarse, loose, gap graded, gravel of limestone, andesite and quartzite (4-36" diameter on/near surface), dry
	SSENT-5-B2	GRAB			1.5 - 3.0' Sample from auger flights (after refusal)		



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Soil Boring Log

Hole Name: SSENT-6

Date Hole Started: 7/17/97 Date Hole Finished: 7/17/97

Client: ASARCO, Inc.

Project: Asarco El Paso Agreed Order RI

County: El Paso State: Texas

Property Owner: ASARCO, Inc.

Legal Description: Asarco Plant

Descriptive Location:

Recorded By: Lairy Johnson

Drilling Company: Layne

Driller: Dave Hogan

Drilling Method: Hand Auger

Drilling Fluids Used: None

Purpose of Hole: Boring

Target Aquifer: Alluvial/Colluvial

Hole Diameter (in): 4 inch

Total Depth Drilled (ft): 5

WELL COMPLETION	Y/N	DESCRIPTION	INTERVAL
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Well Installed?	N		
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Surface Casing Used?	N		
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Screen/Perforations?	N		
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Sand Pack?	N		
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Annular Seal?	N		
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Surface Seal?	N		
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DEVELOPMENT/SAMPLING

Well Developed?	N		
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Water Samples Taken?	N		
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Boring Samples Taken?	N		
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Static Water Level Below MP:

Date:

MP Description:

MP Height Above or Below Ground (ft):

Surface Casing Height (ft):

Riser Height (ft):

Ground Surface Elevation (ft): 3789.14

MP Elevation (ft):

Remarks:

DEPTH	SAMPLE NUMBER	SAMPLE TYPE	BLOW COUNT	RECOVERY (feet)	DRILLING AND GEOTECHNICAL NOTES	GRAPHICS	GEOLOGICAL DESCRIPTION
	SSENT-6-A	GRAB			0.0 - 0.2'		0.0 - 5.0' Gravelly SAND Pale yellow brown (10YR 6/2) Fine to coarse, loose, gap graded; increasing fines with depth (water at 4')
	SSENT-6-B	GRAB			1.5 - 3.0'		
	SSENT-6-C	GRAB			3.0 - 4.0' Rock in shoe.		
	SSENT-6-D	GRAB			4.0 - 5.0' Rock in shoe.		
5							

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HYDROMETRICS INC.

Consulting Scientists and Engineers
Tucson, Arizona

Soil Boring Log

Hole Name: SSENT-8

Date Hole Started: 7/17/97 Date Hole Finished: 7/17/97

Client: ASARCO, Inc.

Project: Asarco El Paso Agreed Order RI
County: El Paso State: Texas
Property Owner: ASARCO, Inc.
Legal Description: Asarco Plant
Descriptive Location:

Recorded By: Lairy Johnson
Drilling Company: Layne
Driller: Dave Hogan
Drilling Method: Hand Auger
Drilling Fluids Used: None

Purpose of Hole: Boring
Target Aquifer: Alluvial/Colluvial
Hole Diameter (in): 4 inch
Total Depth Drilled (ft): 5

WELL COMPLETION	Y/N	DESCRIPTION	INTERVAL
Well Installed?	N		
Surface Casing Used?	N		
Screen/Perforations?	N		
Sand Pack?	N		
Annular Seal?	N		
Surface Seal?	N		
DEVELOPMENT/SAMPLING			
Well Developed?	N		
Water Samples Taken?	N		
Boring Samples Taken?	N		

Static Water Level Below MP:

Date:

MP Description:

MP Height Above or Below Ground (ft):

Surface Casing Height (ft):

Riser Height (ft):

Ground Surface Elevation (ft): 3786.77

MP Elevation (ft):

Remarks:

DEPTH	SAMPLE NUMBER	SAMPLE TYPE	BLOW COUNT	RECOVERY (feet)	DRILLING AND GEOTECHNICAL NOTES	GRAPHICS	GEOLOGICAL DESCRIPTION
	SSENT-8-A2	GRAB			0.0 - 0.2'		0.0 - 1.5' Gravelly SAND Dark yellow brown (10YR 4/2) Fine to coarse, gap graded, loose (water at 2')
	SSENT-8-B	GRAB			1.5 - 3.0' No samples below 1.5' due to cave in from groundwater		

APPENDIX C
SUMMARY OF SOIL ANALYTICAL DATA

APPENDIX C
SUMMARY OF SOIL ANALYTICAL DATA

APPENDIX C
SUMMARY OF SOIL ANALYTICAL DATA

TABLE OF CONTENTS

TABLE C-1	SUMMARY OF SOIL SAMPLES COLLECTED DURING THE REMEDIAL INVESTIGATION, ASARCO EL PASO COPPER SMELTER
TABLE C-2	ANALYTICAL RESULTS FOR ASARCO EL PASO REMEDIAL INVESTIGATION SOIL SAMPLES, INVESTIGATION AREA 1
TABLE C-3	ANALYTICAL RESULTS FOR ASARCO EL PASO REMEDIAL INVESTIGATION SOIL SAMPLES, INVESTIGATION AREA 2
TABLE C-4	ANALYTICAL RESULTS FOR ASARCO EL PASO REMEDIAL INVESTIGATION SOIL SAMPLES, INVESTIGATION AREA 3
TABLE C-5	ANALYTICAL RESULTS FOR ASARCO EL PASO REMEDIAL INVESTIGATION SOIL SAMPLES, INVESTIGATION AREA 4
TABLE C-6	ANALYTICAL RESULTS FOR ASARCO EL PASO REMEDIAL INVESTIGATION SOIL SAMPLES, INVESTIGATION AREA 5
TABLE C-7	ANALYTICAL RESULTS FOR ASARCO EL PASO REMEDIAL INVESTIGATION SOIL SAMPLES, INVESTIGATION AREA 8
TABLE C-8	ANALYTICAL RESULTS FOR ASARCO EL PASO REMEDIAL INVESTIGATION SOIL SAMPLES, INVESTIGATION AREA 10
TABLE C-9	ANALYTICAL RESULTS FOR SOIL SAMPLES, ASARCO EL PASO REMEDIAL INVESTIGATION BORINGS
TABLE C-10	ANALYTICAL RESULTS FOR SOIL SAMPLES, ASARCO EL PASO REMEDIAL INVESTIGATION MONITOR WELLS

TABLE C-1
SUMMARY OF SOIL SAMPLES COLLECTED DURING THE REMEDIAL INVESTIGATION
ASARCO EL PASO COPPER SMELTER

Sample Location	Sample Identifier	Depth (feet)
<i>Investigation Area 1 - Adjacent to Converter Building Ventilation Baghouse</i>		
SSIA1-1	SSIA1-1A	0
	SSIA1-1B	1.5
	SSIA1-1C	3
	SSIA1-1D	4
SSIA1-2	SSIA1-2A	0
	SSIA1-2B	1.5
	SSIA1-2C	3
	SSIA1-2D	4
SSIA1-3	SSIA1-3A	0
	SSIA1-3B	1.5
	SSIA1-3C	3
	SSIA1-3D	4
SSIA1-4	SSIA1-4A	0
	SSIA1-4B	1.5
	SSIA1-4C	3
	SSIA1-4D	4
SSIA1-5	SSIA1-5A	0
	SSIA1-5A2	Dup
	SSIA1-5B	1.5
	SSIA1-5C	3
	SSIA1-5D	4
<i>Investigation Area 2 - Slag/Boneyard</i>		
SSIA2-1	SSIA2-1A	0
	SSIA2-1B	1.5
SSIA2-2	SSIA2-2A	0
	SSIA2-2A2	Dup
	SSIA2-2C	3
<i>Investigation Area 3 - Acid Plants 1 and 2</i>		
SSIA3-1	SSIA3-1A	0
	SSIA3-1B	1.5
SSIA3-2	SSIA3-2A	0
	SSIA3-2B	1.5
	SSIA3-2C	3
SSIA3-3	SSIA3-3A	0
	SSIA3-3B	1.5
	SSIA3-3C	3
	SSIA3-3D	4
SSIA3-4	SSIA3-4A	0
	SSIA3-4B	1.5
SSIA3-5	SSIA3-5A	0
	SSIA3-5A2	Dup
	SSIA3-5B	1.5

See last page for notes.

TABLE C-1
SUMMARY OF SOIL SAMPLES COLLECTED DURING THE REMEDIAL INVESTIGATION
ASARCO EL PASO COPPER SMELTER

Sample Location	Sample Identifier	Depth (feet)
SSIA3-6	SSIA3-6A	0
	SSIA3-6B	1.5
	SSIA3-6C	3
	SSIA3-6D	4
SSIA3-7	SSIA3-7A	0
	SSIA3-7B	1.5
	SSIA3-7C	3
	SSIA3-7D	4
SSIA3-8	SSIA3-8A	0
	SSIA3-8B	1.5
	SSIA3-8C	3
	SSIA3-8D	4
SSIA3-9	SSIA3-9A	0
	SSIA3-9B	1.5
	SSIA3-9C	3
	SSIA3-9D	4
SSIA3-10	SSIA3-10A	0
	SSIA3-10A2	Dup
	SSIA3-10B	1.5
	SSIA3-10C	3
	SSIA3-10D	4
<i>Investigation Area 4 - Front Slope (Plant Boundary)</i>		
SSIA4-1	SSIA4-1A	0
	SSIA4-1B	1.5
	SSIA4-1C	3
	SSIA4-1D	4
SSIA4-2	SSIA4-2A	0
	SSIA4-2A2	0
	SSIA4-2B	1.5
	SSIA4-2C	3
	SSIA4-2D	4
SSIA4-3	SSIA4-3A	0
	SSIA4-3B	1.5
	SSIA4-3C	3
	SSIA4-3D	4
SSIA4-4	SSIA4-4A	0
	SSIA4-4B	1.5
	SSIA4-4C	3
	SSIA4-4D	4
SSIA4-5	SSIA4-5A	0
	SSIA4-5A2	0
	SSIA4-5B	1.5
	SSIA4-5C	3
	SSIA4-5D	4

TABLE C-1
SUMMARY OF SOIL SAMPLES COLLECTED DURING THE REMEDIAL INVESTIGATION
ASARCO EL PASO COPPER SMELTER

Sample Location	Sample Identifier	Depth (feet)
SSIA4-6	SSIA4-6A	0
	SSIA4-6B	1.5
	SSIA4-6C	3
	SSIA4-6D	4
SSIA4-7	SSIA4-7A	0
	SSIA4-7A2	0
	SSIA4-7B	1.5
	SSIA4-7C	3
	SSIA4-7D	4
SSIA4-8	SSIA4-8A	0
	SSIA4-8B	1.5
	SSIA4-8C	3
	SSIA4-8D	4
SSIA4-9	SSIA4-9A	0
	SSIA4-9B	1.5
	SSIA4-9C	3
	SSIA4-9D	4
SSIA4-10	SSIA4-10A	0
	SSIA4-10A2	0
	SSIA4-10B	1.5
	SSIA4-10C	3
	SSIA4-10D	4
SSIA4-11	SSIA4-11A	0
	SSIA4-11B	1.5
	SSIA4-11C	3
	SSIA4-11D	4
SSIA4-12	SSIA4-12A	0
	SSIA4-12B	1.5
	SSIA4-12C	3
	SSIA4-12D	4
SSIA4-13	SSIA4-13A	0
	SSIA4-13B	1.5
	SSIA4-13C	3
SSIA4-14	SSIA4-14A	0
	SSIA4-14A2	0
	SSIA4-14B	1.5
	SSIA4-14C	3
	SSIA4-14D	4
SSIA4-15	SSIA4-15A	0
	SSIA4-15C	3
	SSIA4-15D	4
SSIA4-16	SSIA4-15B	0
	SSIA4-16A	1.5

TABLE C-1
SUMMARY OF SOIL SAMPLES COLLECTED DURING THE REMEDIAL INVESTIGATION
ASARCO EL PASO COPPER SMELTER

Sample Location	Sample Identifier	Depth (feet)
	SSIA4-16B	1.5
	SSIA4-16C	3
	SSIA4-16D	4
SSIA4-17	SSIA4-17A	0
	SSIA4-17A2	0
	SSIA4-17B	1.5
	SSIA4-17C	3
	SSIA4-17D	4
SSIA4-18	SSIA4-18A	0
	SSIA4-18B	1.5
	SSIA4-18C	3
	SSIA4-18D	4
SSIA4-19	SSIA4-19A	0
	SSIA4-19B	1.5
	SSIA4-19C	3
	SSIA4-19D	4
SSIA4-20	SSIA4-20A	0
	SSIA4-20A2	0
	SSIA4-20B	1.5
	SSIA4-20C	3
	SSIA4-20D	4
SSIA4-21	SSIA4-21A	0
	SSIA4-21B	1.5
	SSIA4-21C	3
	SSIA4-21D	4
SSIA4-22	SSIA4-22A	0
	SSIA4-22B	1.5
	SSIA4-22C	3
	SSIA4-22D	4
SSIA4-23	SSIA4-23A	0
	SSIA4-23A2	0
	SSIA4-23B	1.5
	SSIA4-23C	3
	SSIA4-23D	4
SSIA4-24	SSIA4-24A	0
	SSIA4-24B	1.5
	SSIA4-24C	3
	SSIA4-24D	4
SSIA4-25	SSIA4-25A	0
	SSIA4-25B	1.5
	SSIA4-25C	3
	SSIA4-25D	4
SSIA4-26	SSIA4-26A	0

TABLE C-1
SUMMARY OF SOIL SAMPLES COLLECTED DURING THE REMEDIAL INVESTIGATION
ASARCO EL PASO COPPER SMELTER

Sample Location	Sample Identifier	Depth (feet)
	SSIA4-26A2	0
	SSIA4-26B	1.5
	SSIA4-26C	3
	SSIA4-26D	4
SSIA4-27	SSIA4-27A	0
	SSIA4-27B	1.5
SSIA4-28	SSIA4-28A	0
	SSIA4-28B	1.5
SSIA4-29	SSIA4-29A	0
	SSIA4-29A2	0
	SSIA4-29B	1.5
SSIA4-30	SSIA4-30A	0
	SSIA4-30B	1.5
<i>Investigation Area 5 - Historic Smeltertown</i>		
SSIA5-1	SSIA5-1A	0
	SSIA5-1B	1.5
	SSIA5-1C	3
	SSIA5-1D	4
SSIA5-2	SSIA5-2A	0
	SSIA5-2B	1.5
	SSIA5-2C	3
	SSIA5-2D	4
SSIA5-3	SSIA5-3A	0
	SSIA5-3B	1.5
	SSIA5-3C	3
	SSIA5-3D	4
SSIA5-4	SSIA5-4A	0
	SSIA5-4B	1.5
	SSIA5-4C	3
	SSIA5-4D	4
SSIA5-5	SSIA5-5A	0
	SSIA5-5B	1.5
	SSIA5-5C	3
	SSIA5-5D	4
SSIA5-6	SSIA5-6A	0
	SSIA5-6B	1.5
	SSIA5-6C	3
	SSIA5-6D	4
SSIA5-7	SSIA5-7A	0
	SSIA5-7B	1.5
	SSIA5-7B1	1.5
	SSIA5-7C	3
	SSIA5-7D	4

TABLE C-1
SUMMARY OF SOIL SAMPLES COLLECTED DURING THE REMEDIAL INVESTIGATION
ASARCO EL PASO COPPER SMELTER

Sample Location	Sample Identifier	Depth (feet)
SSIA5-8	SSIA5-8A	0
	SSIA5-8B	1.5
	SSIA5-8C	3
	SSIA5-8D	4
SSIA5-9	SSIA5-9A	0
	SSIA5-9B	1.5
	SSIA5-9C	3
	SSIA5-9D	4
SSIA5-10	SSIA5-10A	0
	SSIA5-10B	1.5
	SSIA5-10C	3
	SSIA5-10D	4
SSIA5-11	SSIA5-11A	0
	SSIA5-11B	1.5
	SSIA5-11C	3
	SSIA5-11D	4
SSIA5-12	SSIA5-12A	0
	SSIA5-12B	1.5
	SSIA5-12C	3
	SSIA5-12D	4
SSIA5-13	SSIA5-13A	0
	SSIA5-13B	1.5
	SSIA5-13C	3
	SSIA5-13D	4
SSIA5-14	SSIA5-14A	0
	SSIA5-14B	1.5
	SSIA5-14C	3
	SSIA5-14D	4
SSIA5-15	SSIA5-15A	0
	SSIA5-15A2	Dup
	SSIA5-15B	1.5
	SSIA5-15B2	Dup
	SSIA5-15C	3
	SSIA5-15D	4
SSIA5-16	SSIA5-16A	0
	SSIA5-16A2	Dup
	SSIA5-16B	1.5
	SSIA5-16B2	Dup
	SSIA5-16C	3
	SSIA5-16D	4
SSIA5-17	SSIA5-17A	0
	SSIA5-17B	1.5
	SSIA5-17C	3

TABLE C-1
SUMMARY OF SOIL SAMPLES COLLECTED DURING THE REMEDIAL INVESTIGATION
ASARCO EL PASO COPPER SMELTER

Sample Location	Sample Identifier	Depth (feet)
	SSIA5-17D	4
SSIA5-18	SSIA5-18A	0
	SSIA5-18B	1.5
	SSIA5-18C	3
	SSIA5-18D	4
SSIA5-19	SSIA5-19A	0
	SSIA5-19B	1.5
	SSIA5-19C	3
	SSIA5-19D	4
<i>Investigation Area 8 - Bedding and Unloading Plant</i>		
SSIA8-1	SSIA8-1A	0
	SSIA8-1B	1.5
	SSIA8-1C	3
SSIA8-2	SSIA8-2A	0
	SSIA8-2B	1.5
	SSIA8-2C	3
	SSIA8-2D	4
SSIA8-3	SSIA8-3A	0
	SSIA8-3B	1.5
	SSIA8-3C	3
	SSIA8-3D	4
SSIA8-4	SSIA8-4A	0
	SSIA8-4B	1.5
	SSIA8-4C	3
	SSIA8-4D	4
SSIA8-5	SSIA8-5A	0
	SSIA8-5B	1.5
	SSIA8-5C	3
	SSIA8-5D	4
SSIA8-6	SSIA8-6A	0
	SSIA8-6A2	Dup
	SSIA8-6B	1.5
	SSIA8-6C	3
	SSIA8-6D	4
SSIA8-7	SSIA8-7A	0
	SSIA8-7B	1.5
	SSIA8-7C	3
	SSIA8-7D	4
SSIA8-8	SSIA8-8A	0
	SSIA8-8B	1.5
	SSIA8-8C	3
	SSIA8-8D	4
SSIA8-9	SSIA8-9A	0

TABLE C-1
SUMMARY OF SOIL SAMPLES COLLECTED DURING THE REMEDIAL INVESTIGATION
ASARCO EL PASO COPPER SMELTER

Sample Location	Sample Identifier	Depth (feet)
	SSIA8-9B	1.5
	SSIA8-9C	3
	SSIA8-9D	4
SSIA8-10	SSIA8-10A	0
	SSIA8-10B	1.5
	SSIA8-10C	3
	SSIA8-10D	4
SSIA8-11	SSIA8-11A	0
	SSIA8-11B	1.5
	SSIA8-11C	3
	SSIA8-11D	4
SSIA8-12	SSIA8-12A	0
	SSIA8-12B	1.5
	SSIA8-12C	3
	SSIA8-12D	4
SSIA8-13	SSIA8-13A	0
	SSIA8-13B	1.5
	SSIA8-13C	3
	SSIA8-13D	4
SSIA8-14	SSIA8-14A	0
	SSIA8-14A2	Dup
	SSIA8-14B	1.5
	SSIA8-14C	3
SSIA8-15	SSIA8-15A	0
	SSIA8-15B	1.5
	SSIA8-15C	3
	SSIA8-15D	4
SSIA8-16	SSIA8-16A	0
	SSIA8-16B	1.5
	SSIA8-16C	3
	SSIA8-16D	4
SSIA8-17	SSIA8-17A	0
	SSIA8-17B	1.5
	SSIA8-17C	3
	SSIA8-17D	4
SSIA8-18	SSIA8-18A	0
	SSIA8-18A2	Dup
	SSIA8-18B	1.5
SSIA8-19	SSIA8-19A	0
	SSIA8-19B	1.5
	SSIA8-19C	3
	SSIA8-19D	4

TABLE C-1
SUMMARY OF SOIL SAMPLES COLLECTED DURING THE REMEDIAL INVESTIGATION
ASARCO EL PASO COPPER SMELTER

Sample Location	Sample Identifier	Depth (feet)
SSIA8-20	SSIA8-20A	0
	SSIA8-20B	1.5
SSIA8-21	SSIA8-21A	0
	SSIA8-21B	1.5
	SSIA8-21C	3
	SSIA8-21D	4
SSIA8-22	SSIA8-22A	0
	SSIA8-22B	1.5
	SSIA8-22C	3
	SSIA8-22D	4
SSIA8-23	SSIA8-23A	0
	SSIA8-23B	1.5
	SSIA8-23C	3
	SSIA8-23D	4
SSIA8-24	SSIA8-24A	0
	SSIA8-24B	1.5
SSIA8-25	SSIA8-25A	0
	SSIA8-25B	1.5
SSIA8-26	SSIA8-26A	0
	SSIA8-26B	1.5
SSIA8-27	SSIA8-27A	0
	SSIA8-27B	1.5
	SSIA8-27C	3
SSIA8-28	SSIA8-28A	0
	SSIA8-28B	1.5
	SSIA8-28C	3
	SSIA8-28D	4
SSIA8-29	SSIA8-29A	0
	SSIA8-29B	1.5
SSIA8-30	SSIA8-30A	0
	SSIA8-30A2	Dup
	SSIA8-30B	1.5
SSIA8-31	SSIA8-31A	0
	SSIA8-31B	1.5
	SSIA8-31C	3
<i>Investigation Area 10 - Plant Entrance</i>		
SSENT-1	SSENT1-A	0
	SSENT1-B	1.5
	SSENT1-C	3
	SSENT1-D	4
SSENT-2	SSENT2-A	0

TABLE C-1
SUMMARY OF SOIL SAMPLES COLLECTED DURING THE REMEDIAL INVESTIGATION
ASARCO EL PASO COPPER SMELTER

Sample Location	Sample Identifier	Depth (feet)
	SSENT2-B	1.5
	SSENT2-C	3
	SSENT2-D	4
SSENT-3	SSENT3-A	0
	SSENT3-B	1.5
SSENT-4	SSENT4-A	0
	SSENT4-B	1.5
SSENT-5	SSENT5-A	0
	SSENT5-B	1.5
	SSENT5-B2	Dup
SSENT-6	SSENT6-A	0
	SSENT6-B	1.5
	SSENT6-C	3
	SSENT6-D	4
SSENT-7	SSENT7-A	0
	SSENT7-B	1.5
	SSENT7-C	3
SSENT-8	SSENT8-A	0
	SSENT8-A2	Dup
	SSENT8-B	1.5
<i>RI Borings</i>		
RIBH-1	RIBH-1A	40
RIBH-1	RIBH-1B	45
RIBH-1	RIBH-1C	50
RIBH-1	RIBH-1D	55
RIBH-1	RIBH-1E	60
RIBH-1	RIBH-1E2	Dup
RIBH-1	RIBH-1F	65
RIBH-2	RIBH-2A	7
RIBH-2	RIBH-2B	10
RIBH-2	RIBH-2C	15
RIBH-3	RIBH-3A	28
RIBH-3	RIBH-3A2	Dup
RIBH-3	RIBH-3B	35
RIBH-3	RIBH-3C	40
RIBH-4	RIBH-4A	0
RIBH-4	RIBH-4B	10
RIBH-4	RIBH-4C	15
RIBH-5	RIBH-5A	2
RIBH-5	RIBH-5B	8
RIBH-5	RIBH-5B2	Dup
RIBH-5	RIBH-5C	10
RIBH-5	RIBH-5D	12

TABLE C-1
SUMMARY OF SOIL SAMPLES COLLECTED DURING THE REMEDIAL INVESTIGATION
ASARCO EL PASO COPPER SMELTER

Sample Location	Sample Identifier	Depth (feet)
RIBH-5	RIBH-5E	15
RIBH-6	RIBH-6A	2
RIBH-7	RIBH-7A	0
RIBH-7	RIBH-7B	5
RIBH-7	RIBH-7C	10
RIBH-8	RIBH-8A	0
RIBH-8	RIBH-8B	5
RIBH-8	RIBH-8C	10
RIBH-8	RIBH-8C2	Dup
RIBH-9	RIBH-9A	0
RIBH-9	RIBH-9B	5
RIBH-9	RIBH-9C	10
RIBH-10	RIBH-10A	0
RIBH-10	RIBH-10A2	0
RIBH-10	RIBH-10B	5
RIBH-10	RIBH-10C	10
<i>Monitor Wells</i>		
EP-67	EP-67A	0
EP-67	EP-67B	5
EP-67	EP-67C	10
EP-67	EP-67D	15
EP-67	EP-67E	20
EP-67	EP-67F	25
EP-67	EP-67G	30
EP-67	EP-67H	35
EP-67	EP-67I	40
EP-67	EP-67J	45
EP-67	EP-67K	50
EP-68	EP-68A	0
EP-68	EP-68A2	Dup
EP-68	EP-68B	5
EP-68	EP-68C	10
EP-68	EP-68D	15
EP-68	EP-68E	20
EP-68	EP-68F	25
EP-68	EP-68G	30
EP-68	EP-68H	35
EP-68	EP-68I	40
EP-68	EP-68J	45
EP-69	EP-69A	0
EP-69	EP-69B	5
EP-69	EP-69C	15
EP-69	EP-69D	20
EP-69	EP-69E	25
EP-69	EP-69F	30

TABLE C-1
SUMMARY OF SOIL SAMPLES COLLECTED DURING THE REMEDIAL INVESTIGATION
ASARCO EL PASO COPPER SMELTER

Sample Location	Sample Identifier	Depth (feet)
EP-70	EP-70A	20
EP-70	EP-70B	25
EP-70	EP-70C	30
EP-70	EP-70D	35
EP-70	EP-70E	40
EP-70	EP-70F	45
EP-70R	EP-70RA	9
EP-70R	EP-70RB	15
EP-70R	EP-70RE2	Dup
EP-70R	EP-70RC	20
EP-70R	EP-70RD	25
EP-70R	EP-70RE	30
EP-70R	EP-70RF	35
EP-70R	EP-70RG	40
EP-70R	EP-70RH	45
EP-70R	EP-70RI	50
EP-70R	EP-70RJ	55
EP-70R	EP-70RK	60
EP-70R	EP-70RL	65
EP-70R	EP-70RM	70
EP-71	EP-71A	0
EP-71	EP-71B	5
EP-71	EP-71C	10
EP-71	EP-71D	15
EP-71	EP-71E	25
EP-71R	EP-71RA	0
EP-71R	EP-71RB	5
EP-71R	EP-71RC	10
EP-71R	EP-71RD	15
EP-71R	EP-71RE	20
EP-71R	EP-71RF	25
EP-71R	EP-71RG	30
EP-71R	EP-71RH	35
EP-71R	EP-71RI	40
EP-71R	EP-71RJ	45
EP-71R	EP-71RK	50
EP-71R	EP-71RL	60
EP-71R	EP-71RL2	Dup
EP-72	EP-72A	15
EP-72	EP-72B	20
EP-72	EP-72C	25
EP-72	EP-72C2	Dup
EP-72	EP-72D	30
EP-72	EP-72E	35
EP-72	EP-72F	40
EP-73	EP-73A	15
EP-73	EP-73B	20
EP-73	EP-73C	30

TABLE C-1
SUMMARY OF SOIL SAMPLES COLLECTED DURING THE REMEDIAL INVESTIGATION
ASARCO EL PASO COPPER SMELTER

Sample Location	Sample Identifier	Depth (feet)
EP-73	EP-73D	35
EP-73	EP-73E	40
EP-73	EP-73F	78
EP-74	EP-74A	2
EP-74	EP-74B	5
EP-74	EP-74C	10
EP-74	EP-74D	15
EP-74	EP-74E	20
EP-74	EP-74F	25
EP-74	EP-74G	30
EP-74	EP-74H	35
EP-74	EP-74I	40
EP-74	EP-74J	45
EP-74	EP-74K	50
EP-74	EP-74L	55
EP-74	EP-74M	60
EP-74	EP-74M2	Dup
EP-74	EP-74N	65
EP-75	EP-75A	35
EP-75	EP-75B	40
EP-75	EP-75C	45
EP-75	EP-75D	50
EP-75	EP-75E	55
EP-75	EP-75F	60
EP-75	EP-75G	65
EP-76	EP-76A	0
EP-76	EP-76B	1.5
EP-76	EP-76B2	Dup
EP-76	EP-76C	45
EP-76	EP-76D	50
EP-76	EP-76E	55
EP-76	EP-76F	60
EP-77	EP-77A	0.5
EP-77	EP-77B	20
EP-77	EP-77C	25
EP-77	EP-77D	30
EP-77	EP-77E	35
EP-77	EP-77F	40
EP-77	EP-77G	45
EP-77	EP-77H	50
EP-78	EP-78A	23
EP-78	EP-78B	25
EP-78	EP-78C	30
EP-78	EP-78D	40
EP-79	EP-79A	10
EP-79	EP-79B	15
EP-79	EP-79C	20

TABLE C-1
SUMMARY OF SOIL SAMPLES COLLECTED DURING THE REMEDIAL INVESTIGATION
ASARCO EL PASO COPPER SMELTER

Sample Location	Sample Identifier	Depth (feet)
EP-79	EP-79D	25
EP-79	EP-79E	35
EP-79	EP-79F	40
EP-79	EP-79G	45
EP-80	EP-80A	0
EP-80	EP-80B	5
EP-80	EP-80C	10
EP-80	EP-80D	15
EP-80	EP-80E	20
EP-80	EP-80F	25
EP-81	EP-81A	5
EP-81	EP-81B	10
EP-81	EP-81C	15
EP-81	EP-81D	20
EP-81	EP-81E	25
EP-82	EP-82A	0
EP-82	EP-82B	5
EP-82	EP-82C	10
EP-82	EP-82D	15
EP-82	EP-82E	20
EP-82	EP-82F	25
EP-82	EP-82G	30
EP-83	EP-83A	7
EP-83	EP-83B	15
EP-83	EP-83C	20
EP-83	EP-83D	25
EP-83	EP-83E	30
EP-83	EP-83F	35
EP-83	EP-83F2	Dup
EP-83	EP-83G	40
EP-83	EP-83H	45
EP-84	EP-84A	0
EP-84	EP-84B	5
EP-84	EP-84C	10
EP-84	EP-84D	15
EP-85	EP-85A	5
EP-85	EP-85B	10
EP-85	EP-85C	15
EP-85	EP-85D	20
EP-86	EP-86A	0
EP-86	EP-86B	5
EP-86	EP-86C	10
EP-86	EP-86D	15
EP-86	EP-86E	20
EP-86	EP-86F	25
EP-86	EP-86G	30

TABLE C-1
SUMMARY OF SOIL SAMPLES COLLECTED DURING THE REMEDIAL INVESTIGATION
ASARCO EL PASO COPPER SMELTER

Sample Location	Sample Identifier	Depth (feet)
EP-86	EP-86H	35
EP-86	EP-86I	40
EP-86	EP-86J	45
EP-86	EP-86K	50
EP-86	EP-86L	55
EP-86	EP-86M	60
EP-86	EP-86M2	Dup
EP-87	EP-87A	0
EP-87	EP-87B	5
EP-87	EP-87C	10
EP-88	EP-88A	0
EP-88	EP-88B	5
EP-88	EP-88C	10
EP-88	EP-88C2	Dup
EP-88	EP-88D	15
EP-88	EP-88E	20
EP-88	EP-88F	25
EP-88	EP-88G	30
EP-88	EP-88H	35
EP-89	EP-89A	0
EP-89	EP-89B	5
EP-89	EP-89C	10
EP-89	EP-89D	15
EP-89	EP-89E	20
EP-89	EP-89F	25
EP-89	EP-89G	30
EP-89	EP-89H	35
EP-89	EP-89I	38

Notes:

Dup = duplicate sample.

Depth in feet below ground surface.

See Exhibit 1 for locations.

Laboratory reports are presented in Appendix I.

TABLE C-2
ANALYTICAL RESULTS FOR
EL PASO REMEDIAL INVESTIGATION SOIL SAMPLES
INVESTIGATION AREA 1

Site	Sample Number	Matrix	Date	Depth (ft)	pH	Arsenic (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Copper (mg/kg)	Iron (mg/kg)	Lead (mg/kg)	Selenium (mg/kg)	Zinc (mg/kg)
SSIA1-1	SSIA1-1A	soil	07/15/97	0	6.8	3200	1900	62	13000	18000	11000	190	7000
	SSIA1-1B	slag	07/15/97	1.5	6.3	2300	91	330	7600	150000	5000	13	13000
	SSIA1-1C	slag	07/15/97	3	7.1	4700	1700	30	12000	38000	12000	110	11000
	SSIA1-1D	slag	07/15/97	4	6.9	2600	900	30	24000	21000	20000	220	7900
SSIA1-2	SSIA1-2A	soil	07/15/97	0	7.2	21000	1100	60	11000	30000	15	1300	2600
	SSIA1-2B	soil	07/15/97	1.5	6.7	22000	1600	110	28000	46000	5400	200	4900
	SSIA1-2C	soil	07/15/97	3	6.7	15000	1200	53	25000	44000	8900	230	4500
	SSIA1-2D	soil	07/15/97	4	7.4	22000	1300	130	24000	47000	4000	120	4400
SSIA1-3	SSIA1-3A	soil	07/15/97	0	7.8	2000	320	30	4000	12000	4100	41	2200
	SSIA1-3B	soil	07/15/97	1.5	7.7	4900	110	97	37000	44000	5800	36	7200
	SSIA1-3C	slag	07/15/97	3	7.9	3400	110	30	21000	83000	7300	20	8700
	SSIA1-3D	slag	07/15/97	4	8.1	1900	100	160	13000	64000	5800	22	5900
SSIA1-4	SSIA1-4A	soil	07/15/97	0	8.1	410	88	30	1800	15000	690	10	1500
	SSIA1-4B	soil	07/15/97	1.5	8.1	570	160	110	11000	44000	6200	25	7500
	SSIA1-4C	soil	07/15/97	3	8.2	370	100	31	7200	36000	3600	12	4700
	SSIA1-4D	soil	07/15/97	4	8.2	130	41	63	3100	21000	1400	10	740
SSIA1-5	SSIA1-5A	soil	07/15/97	0	8.1	1800	120	39	2500	18000	1200	10	2300
	SSIA1-5A2	soil	07/15/97	Dup	8.2	1600	110	30	2500	17000	1100	10	2100
	SSIA1-5B	soil	07/15/97	1.5	8.4	220	20	170	3500	18000	830	10	550
	SSIA1-5C	soil	07/15/97	3	8.4	90	16	64	2900	19000	670	10	430
	SSIA1-5D	soil	07/15/97	4	8.5	20	10	98	310	15000	140	10	95

Notes:
 U = Not detected above associated detection limit.
 J4 = Estimated quantity; quality control criteria are outside control limits.
 mg/kg = milligrams per kilogram.

TABLE C-3
ANALYTICAL RESULTS FOR
EL PASO REMEDIAL INVESTIGATION SOIL SAMPLES
INVESTIGATION AREA 2

Site	Sample Number	Matrix	Date	Depth (ft)	pH	Arsenic (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Copper (mg/kg)	Iron (mg/kg)	Lead (mg/kg)	Selenium (mg/kg)	Zinc (mg/kg)
SSIA2-1	SSIA2-1A	soil	07/14/97	0	7.6	400	14	120	7200	130000	1500	12	10000
	SSIA2-1B	slag	07/14/97	1.5	7.6	1200	56	340	5400	190000	180	72	16000
SSIA2-2	SSIA2-2A	soil	07/14/97	0	8.1	840	150	230	8800	85000	2700	21	5300
	SSIA2-2A2	soil	07/14/97	Dnp	8.2	950	120	220	8400	83000	2500	23	5300
	SSIA2-2C	slag	07/14/97	3	10	1600	450	330	6300	120000	10000	70	77000

Notes: U = Not detected above associated detection limit.
J4 = Estimated quantity; quality control criteria are outside control limits.
mg/kg = milligrams per kilogram.

TABLE C-4
ANALYTICAL RESULTS FOR
EL PASO REMEDIAL INVESTIGATION SOIL SAMPLES
INVESTIGATION AREA 3

Site	Sample Number	Matrix	Date	Depth (ft)	pH	Arsenic (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Copper (mg/kg)	Iron (mg/kg)	Lead (mg/kg)	Selenium (mg/kg)	Zinc (mg/kg)
SSIA3-1	SSIA3-1A	soil	07/14/97	0	8.3	1900	510	240	27000	66000	7400	56	7600
	SSIA3-1B	soil	07/14/97	1.5	8.3	650	120	73	4000	120000	6900	13	17000
SSIA3-2	SSIA3-2A	soil	07/14/97	0	8.4	20	U	30	360	15000	220	10	U
	SSIA3-2B	soil	07/14/97	1.5	8.3	35	19	30	430	21000	550	10	U
	SSIA3-2C	soil	07/14/97	3	8.2	270	52	150	1400	47000	1700	12	7500
SSIA3-3	SSIA3-3A	soil	07/14/97	0	6.5	480	150	41	3600	15000	2000	10	U
	SSIA3-3B	soil	07/14/97	1.5	8.2	20	U	100	72	6000	37	10	U
	SSIA3-3C	soil	07/14/97	3	8.3	28	10	30	110	7000	95	10	U
	SSIA3-3D	soil	07/14/97	4	8.7	20	U	30	17	7000	45	10	U
SSIA3-4	SSIA3-4A	soil	07/14/97	0	7.3	7800	1600	140	7400	55000	7300	53	9800
	SSIA3-4B	slag	07/14/97	1.5	7.9	3000	330	300	4400	150000	5600	35	16000
SSIA3-5	SSIA3-5A	soil	07/15/97	0	8.4	1000	280	240	9000	92000	5200	22	9200
	SSIA3-5A2	soil	07/15/97	Dup	8.6	950	250	290	8400	88000	4800	14	8900
	SSIA3-5B	slag	07/15/97	1.5	7.4	560	150	80	3700	63000	3300	16	7300
SSIA3-6	SSIA3-6A	soil	07/15/97	0	8.4	2900	790	260	11000	30000	11000	60	14000
	SSIA3-6B	soil	07/15/97	1.5	8.1	230	67	60	1000	16000	1000	10	U
	SSIA3-6C	slag	07/15/97	3	8.5	1200	240	130	4400	48000	4200	15	5800
	SSIA3-6D	slag	07/15/97	4	8.4	580	130	160	3400	84000	2900	10	U

Notes:

U = Not detected above associated detection limit.

.14 = Estimated quantity; quality control criteria are outside control limits.

mg/kg = milligrams per kilogram.

TABLE C-4
ANALYTICAL RESULTS FOR
EL PASO REMEDIAL INVESTIGATION SOIL SAMPLES
INVESTIGATION AREA 3

Site	Sample Number	Matrix	Date	Depth (ft)	pH	Arsenic (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Copper (mg/kg)	Iron (mg/kg)	Lead (mg/kg)	Selenium (mg/kg)	Zinc (mg/kg)
SSIA3-7	SSIA3-7A	soil	07/15/97	0	8.2	820	150	120	1900	12000	2200	22	2200
	SSIA3-7B	soil	07/15/97	1.5	8.1	2700	440	1400	3900	45000	3700	94	14000
	SSIA3-7C	slag	07/15/97	3	8.4	2000	270	1500	3600	71000	3300	46	13000
	SSIA3-7D	slag	07/15/97	4	8.5	1400	180	1400	3600	120000	3300	44	12000
SSIA3-8	SSIA3-8A	soil	07/15/97	0	8.2	3200	1100	290	20000	60000	8100	60	9900
	SSIA3-8B	soil	07/15/97	1.5	7.9	740	170	110	3300	19000	1600	14	1900
	SSIA3-8C	soil	07/15/97	3	8.3	64	17	30	380	11000	230	10	290
	SSIA3-8D	soil	07/15/97	4	8.2	680	100	30	3000	21000	1800	10	2200
SSIA3-9	SSIA3-9A	soil	07/15/97	0	8.2	1900	1400	53	8500	34000	4500	33	5500
	SSIA3-9B	soil	07/15/97	1.5	8.4	570	340	52	2700	23000	2700	26	2600
	SSIA3-9C	soil	07/15/97	3	8.5	99	49	40	540	18000	550	10	900
	SSIA3-9D	soil	07/15/97	4	9	20	10	68	130	12000	140	10	160
SSIA3-10	SSIA3-10A	soil	07/15/97	0	10	2800	360	95	7900	15000	19000	77	4100
	SSIA3-10A2	soil	07/15/97	Dup	9.3	3300	410	57	8900	16000	22000	75	4400
	SSIA3-10B	slag	07/15/97	1.5	8.5	980	680	30	4700	120000	25000	46	15000
	SSIA3-10C	slag	07/15/97	3	8.1	1400	370	100	4800	130000	14000	30	13000
	SSIA3-10D	slag	07/15/97	4	8	3500	550	90	6700	130000	20000	31	14000

Notes:

U = Not detected above associated detection limit.

J4 = Estimated quantity; quality control criteria are outside control limits.

mg/kg = milligrams per kilogram.

TABLE C-5
ANALYTICAL RESULTS FOR
EL PASO REMEDIAL INVESTIGATION SOIL SAMPLES
INVESTIGATION AREA 4

Site	Sample Number	Matrix	Date	Depth (ft)	pH	Arsenic (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Copper (mg/kg)	Iron (mg/kg)	Lead (mg/kg)	Selenium (mg/kg)	Zinc (mg/kg)
SSIA4-1	SSIA4-1A	slag	10/27/97	0		3100	540	200	31000	12000	11000	56	11000
	SSIA4-1B	soil	10/27/97	1.5		97	66	31	280	13000	200	10	790
	SSIA4-1C	soil	10/27/97	3	7.9	40	42	150	240	20000	390	10	1300
	SSIA4-1D	soil	10/27/97	4	8.8	20	38	40	110	10000	120	10	770
SSIA4-2	SSIA4-2A	soil	10/27/97	0		4900	1000	100	18000	39000	11000	74	7300
	SSIA4-2A2	soil	10/27/97	0		6200	1200	210	17000	37000	11000	100	9800
	SSIA4-2B	soil	10/27/97	1.5		7000	1200	140	17000	35000	12000	120	8700
	SSIA4-2C	soil	10/27/97	3	8.7	100	22	110	110	9000	58	10	130
SSIA4-3	SSIA4-2D	soil	10/27/97	4	9.6	59	15	170	27	7000	27	10	30
	SSIA4-3A	soil	10/27/97	0		4100	1300	76	14000	32000	9300	58	7100
	SSIA4-3B	soil	10/27/97	1.5		2900	1500	36	9300	30000	8400	60	5600
	SSIA4-3C	soil	10/27/97	3	7.2	2000	1300	140	3300	29000	2900	33	2800
SSIA4-4	SSIA4-3D	soil	10/27/97	4	7.3	1200	37	30	230	31000	1800	10	400
	SSIA4-4A	soil	10/28/97	0		1200	360	75	16000	38000	7500	33	5600
	SSIA4-4B	soil	10/28/97	1.5		1100	280	120	13000	46000	7500	41	6700
	SSIA4-4C	soil	10/28/97	3	7.9	320	69	96	3100	27000	2900	10	1700
SSIA4-5	SSIA4-4D	soil	10/28/97	4	7.8	600	170	120	9200	41000	5800	19	5100
	SSIA4-5A	slag	10/28/97	0		3500	840	68	31000	50000	21000	90	12000
	SSIA4-5A2	slag	10/28/97	0		3400	870	180	32000	50000	23000	87	13000
	SSIA4-5B	soil	10/28/97	1.5		370	54	36	2400	24000	2600	10	980
SSIA4-6	SSIA4-5C	soil	10/28/97	3	7.8	650	210	150	10000	36000	7100	37	4400
	SSIA4-5D	soil	10/28/97	4	8.5	45	10	30	540	19000	430	10	240
	SSIA4-6A	soil	10/28/97	0		5900	1300	120	40000	50000	15000	110	8700
	SSIA4-6B	soil	10/28/97	1.5		610	520	100	6900	27000	4000	16	2900
SSIA4-7	SSIA4-6C	soil	10/28/97	3	8.5	37	13	83	200	20000	110	10	110
	SSIA4-6D	soil	10/28/97	4	8.4	20	10	150	86	18000	38	10	42
	SSIA4-7A	soil	10/28/97	0		17000	350	57	82000	87000	49000	1600	7900
	SSIA4-7A2	soil	10/28/97	0		18000	360	39	81000	84000	51000	1800	8100
SSIA4-8	SSIA4-7B	soil	10/28/97	1.5		2200	310	210	68000	40000	12000	110	3600
	SSIA4-7C	soil	10/28/97	3	5.4	1900	100	260	21000	31000	7500	130	2100
	SSIA4-7D	soil	10/28/97	4	6.5	1500	430	230	28000	31000	6800	88	3400
	SSIA4-8A	slag	10/28/97	0		3300	980	180	25000	50000	25000	100	11000
SSIA4-9	SSIA4-8B	soil	10/28/97	1.5		990	190	75	4200	27000	4100	15	2100
	SSIA4-8C	soil	10/28/97	3	8.1	220	44	120	950	22000	960	12	570
	SSIA4-8D	soil	10/28/97	4	8.2	200	30	180	810	21000	730	10	340

See last page for notes.

TABLE C-5
ANALYTICAL RESULTS FOR
EL PASO REMEDIAL INVESTIGATION SOIL SAMPLES
INVESTIGATION AREA 4

Site	Sample Number	Matrix	Date	Depth (ft)	pH	Arsenic (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Copper (mg/kg)	Iron (mg/kg)	Lead (mg/kg)	Selenium (mg/kg)	Zinc (mg/kg)
SSIA4-9	SSIA4-9A	slag	10/28/97	0		3000	970	74	12000	43000	11000	30	5400
	SSIA4-9B	soil	10/28/97	1.5		1300	600	220	3900	34000	3200	10	2400
	SSIA4-9C	soil	10/28/97	3	7.1	920	300	230	1080	23000	1100	10	570
	SSIA4-9D	soil	10/28/97	4	7.9	330	48	170	460	21000	430	10	270
SSIA4-10	SSIA4-10A	soil	10/28/97	0		840	290	130	5800	30000	5100	24	3200
	SSIA4-10A2	soil	10/28/97	0		1500	380	130	8800	34000	6800	24	4300
	SSIA4-10B	soil	10/28/97	1.5		880	140	30	3400	26000	2800	18	2000
	SSIA4-10C	soil	10/28/97	3	8.1	380	68	82	1300	22000	1200	10	790
	SSIA4-10D	soil	10/28/97	4	8.1	400	10	180	230	19000	190	10	130
	SSIA4-11A	soil	10/28/97	0		1800	500	140	9700	36000	8900	53	4600
SSIA4-11	SSIA4-11B	soil	10/28/97	1.5		680	55	61	1000	26000	1300	13	640
	SSIA4-11C	soil	10/28/97	3	8.6	95	10	230	130	16000	130	10	70
	SSIA4-11D	soil	10/28/97	4	8.7	35	10	170	65	16000	72	10	51
	SSIA4-12A	soil	10/28/97	0		4800	930	130	11000	31000	13000	63	6600
SSIA4-12	SSIA4-12B	slag	10/28/97	1.5		20	18	140	1800	190000	10000	10	20000
	SSIA4-12C	slag	10/28/97	3	9.7	20	10	40	3500	260000	2300	15	13000
	SSIA4-12D	slag	10/28/97	4	8.4	20	10	100	1100	130000	3200	10	8400
	SSIA4-13A	soil	10/28/97	0		860	320	74	12000	34000	11000	32	5400
SSIA4-13	SSIA4-13B	soil	10/28/97	1.5		790	320	120	14000	36000	12000	70	7400
	SSIA4-13C	soil	10/28/97	3	8.1	78	170	220	1200	22000	1000	11	2500
	SSIA4-14A	soil	10/28/97	0		1600	640	110	10000	40000	14000	30	6300
SSIA4-14	SSIA4-14A2	soil	10/28/97	0		1500	670	30	9800	39000	15000	62	6700
	SSIA4-14B	soil	10/28/97	1.5		490	190	82	3700	33000	4500	16	2400
	SSIA4-14C	soil	10/28/97	3	8.9	20	16	140	200	27000	280	10	190
	SSIA4-14D	soil	10/28/97	4	8.4	110	82	170	1300	27000	1900	10	850
SSIA4-15	SSIA4-15A	soil	10/28/97	0		480	300	130	4400	27000	6800	33	3200
	SSIA4-15B	soil	10/28/97	1.5		440	240	71	3800	30000	5300	21	3000
	SSIA4-15C	soil	10/28/97	3	8.8	20	13	130	630	27000	540	10	680
	SSIA4-15D	soil	10/28/97	4	8.2	74	23	200	1300	24000	930	10	470
SSIA4-16	SSIA4-16A	soil	10/28/97	0		520	350	71	5000	27000	5900	32	2800
	SSIA4-16B	soil	10/30/97	1.5		66	30	78	640	25000	710	10	380
	SSIA4-16C	soil	10/30/97	3	8.7	20	10	91	190	22000	210	10	160
	SSIA4-16D	soil	10/30/97	4	8.8	20	10	120	34	25000	18	10	59

TABLE C-5
ANALYTICAL RESULTS FOR
EL PASO REMEDIAL INVESTIGATION SOIL SAMPLES
INVESTIGATION AREA 4

Site	Sample Number	Matrix	Date	Depth (ft)	pH	Arsenic (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Copper (mg/kg)	Iron (mg/kg)	Lead (mg/kg)	Selenium (mg/kg)	Zinc (mg/kg)
SSIA4-17	SSIA4-17A	soil	10/30/97	0		220	76	30	U	29000	2500	10	U
	SSIA4-17A2	soil	10/30/97	0		240	75	84	4200	29000	2100	11	1300
	SSIA4-17B	soil	10/30/97	1.5		160	57	120	1900	29000	1900	11	1500
	SSIA4-17C	soil	10/30/97	3	8	36	12	130	20	22000	27	10	U
	SSIA4-17D	soil	10/30/97	4	8.7	97	23	172	1100	27000	1000	10	U
SSIA4-18	SSIA4-18A	soil	10/30/97	0		160	59	120	2500	23000	1400	10	U
	SSIA4-18B	soil	10/30/97	1.5		150	85	130	1700	26000	1200	10	U
	SSIA4-18C	soil	10/30/97	3	9.2	41	10	140	48	24000	31	10	U
	SSIA4-18D	soil	10/30/97	4	9.3	38	11	120	140	24000	100	10	U
SSIA4-19	SSIA4-19A	soil	10/30/97	0		52	22	65	1200	15000	560	10	U
	SSIA4-19B	soil	10/30/97	1.5		24	10	30	590	21000	440	10	U
	SSIA4-19C	soil	10/30/97	3	8.9	20	10	110	49	25000	23	10	U
	SSIA4-19D	soil	10/30/97	4	8.9	20	10	130	320	24000	230	10	U
SSIA4-20	SSIA4-20A	soil	10/30/97	0		75	32	57	2600	20000	1300	10	U
	SSIA4-20A2	soil	10/30/97	0		100	42	33	2800	21000	1400	10	U
	SSIA4-20B	soil	10/30/97	1.5		20	16	45	840	27000	550	10	U
	SSIA4-20C	soil	10/30/97	3	8.8	20	10	43	20	28000	22	10	U
	SSIA4-20D	soil	10/30/97	4	8.9	20	10	30	590	25000	460	10	U
SSIA4-21	SSIA4-21A	soil	10/30/97	0		160	63	40	3600	23000	2500	10	U
	SSIA4-21B	soil	10/30/97	1.5		210	73	86	3200	36000	3200	14	2700
	SSIA4-21C	soil	10/30/97	3	8.7	48	15	110	1200	27000	1100	10	U
	SSIA4-21D	soil	10/30/97	4	8.8	24	11	140	580	26000	560	10	U
SSIA4-22	SSIA4-22A	soil	10/30/97	0		140	62	75	3100	26000	2200	10	U
	SSIA4-22B	soil	10/30/97	1.5		45	22	53	1100	23000	1200	10	U
	SSIA4-22C	soil	10/30/97	3	8.7	20	10	74	38	22000	21	10	U
	SSIA4-22D	soil	10/30/97	4	8.7	20	10	87	220	24000	210	10	U
SSIA4-23	SSIA4-23A	soil	10/30/97	0		250	91	73	4800	24000	4600	17	2800
	SSIA4-23A2	soil	10/30/97	0		270	97	30	5300	26000	5000	10	U
	SSIA4-23B	soil	10/30/97	1.5		20	13	39	410	23000	370	10	U
	SSIA4-23C	soil	10/30/97	3	8.7	20	10	65	65	25000	75	10	U
	SSIA4-23D	soil	10/30/97	4	8.4	29	15	30	650	25000	520	10	U

TABLE C-5
ANALYTICAL RESULTS FOR
EL PASO REMEDIAL INVESTIGATION SOIL SAMPLES
INVESTIGATION AREA 4

Site	Sample Number	Matrix	Date	Depth (ft)	pH	Arsenic (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Copper (mg/kg)	Iron (mg/kg)	Lead (mg/kg)	Selenium (mg/kg)	Zinc (mg/kg)
SSIA4-24	SSIA4-24A	soil	10/30/97	0		120	38	110	3000	23000	1800	10	1500
	SSIA4-24B	soil	10/30/97	1.5		20	10	110	220	25000	260	10	230
	SSIA4-24C	soil	10/30/97	3	8.9	22	10	31	280	25000	190	10	200
	SSIA4-24D	soil	10/30/97	4	9	20	10	52	85	25000	75	10	99
SSIA4-25	SSIA4-25A	soil	10/30/97	0		380	200	83	12000	32000	9400	24	6700
	SSIA4-25B	soil	10/30/97	1.5		20	10	92	530	22000	370	10	280
	SSIA4-25C	soil	10/30/97	3	9.1	20	10	78	330	30000	200	10	220
	SSIA4-25D	soil	10/30/97	4	8.2	120	13	38	540	24000	620	10	230
SSIA4-26	SSIA4-26A	soil	10/30/97	0		320	82	65	7500	40000	3800	10	2800
	SSIA4-26A2	soil	10/30/97	0		360	89	50	7500	41000	3500	10	2600
	SSIA4-26B	soil	10/30/97	1.5		20	10	30	140	28000	180	10	150
	SSIA4-26C	soil	10/30/97	3	8.3	20	10	44	320	21000	270	10	250
SSIA4-27	SSIA4-27A	soil	10/30/97	0		370	140	180	7600	32000	5300	22	3900
	SSIA4-27B	soil	10/30/97	1.5		25	10	110	95	12000	82	10	87
	SSIA4-28A	soil	10/30/97	0		190	42	110	4100	28000	1600	10	1500
	SSIA4-28B	soil	10/30/97	1.5		20	10	67	120	25000	63	10	72
SSIA4-29	SSIA4-29A	soil	10/30/97	0		490	110	110	6800	39000	3900	15	3000
	SSIA4-29A2	soil	10/30/97	0		520	100	160	4900	32000	3000	12	1900
	SSIA4-29B	soil	10/30/97	1.5		20	10	75	190	22000	330	10	270
	SSIA4-30A	soil	10/30/97	0		200	16	30	1200	17000	980	10	360
SSIA4-30	SSIA4-30B	soil	10/30/97	1.5		250	83	130	2300	24000	2700	10	2000

Notes:
U = Not detected above associated detection limit.
J4 = Estimated quantity; quality control criteria are outside control limits.
mg/kg = milligrams per kilogram.

TABLE C-6
ANALYTICAL RESULTS FOR
EL PASO REMEDIAL INVESTIGATION SOIL SAMPLES
INVESTIGATION AREA 5

Site	Sample Number	Matrix	Date	Depth (ft)	pH	Arsenic (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Copper (mg/kg)	Iron (mg/kg)	Lead (mg/kg)	Selenium (mg/kg)	Zinc (mg/kg)
SSIA5-1	SSIA5-1A	soil	07/07/97	0	8.2	240	130	46	6600	21000	4200	30	2400
	SSIA5-1B	soil	07/08/97	1.5	8.4	28	17	30	400	19000	420	10	200
	SSIA5-1C	soil	07/08/97	3	9.1	20	10	110	20	19000	21	10	43
	SSIA5-1D	soil	07/08/97	4	9	20	10	99	34	21000	58	10	63
SSIA5-2	SSIA5-2A	soil	07/08/97	0	8	71	66	30	1100	20000	580	10	410
	SSIA5-2B	soil	07/08/97	1.5	9	22	10	82	42	19000	44	10	28
	SSIA5-2C	soil	07/08/97	3	8.4	20	10	85	81	19000	95	10	77
	SSIA5-2D	soil	07/08/97	4	8.4	27	10	160	71	21000	82	10	55
SSIA5-3	SSIA5-3A	soil	07/08/97	0	7.6	130	110	170	7200	25000	2700	10	2000
	SSIA5-3B	soil	07/08/97	1.5	8.1	20	16	30	1200	19000	850	10	590
	SSIA5-3C	soil	07/08/97	3	8.2	20	10	52	570	19000	410	10	300
	SSIA5-3D	soil	07/08/97	4	8.1	60	17	150	920	22000	590	10	400
SSIA5-4	SSIA5-4A	soil	07/08/97	0	7.7	37	41	30	1800	21000	1100	11	770
	SSIA5-4B	soil	07/08/97	1.5	7.7	20	44	37	1600	23000	1800	12	1100
	SSIA5-4C	soil	07/08/97	3	8.9	100	46	120	1900	24000	2200	12	1300
	SSIA5-4D	soil	07/08/97	4	7.7	20	10	88	76	28000	81	10	130
SSIA5-5	SSIA5-5A	soil	07/08/97	0	8	20	36	30	1100	20000	1200	20	740
	SSIA5-5B	soil	07/08/97	1.5	8.4	20	10	30	130	21000	210	10	130
	SSIA5-5C	soil	07/08/97	3	8.4	20	10	63	130	22000	160	10	160
	SSIA5-5D	soil	07/08/97	4	8.1	20	10	66	56	29000	63	10	110
SSIA5-6	SSIA5-6A	soil	07/08/97	0	8.2	20	14	30	650	20000	370	10	280
	SSIA5-6B	soil	07/08/97	1.5	8.2	20	10	97	310	21000	370	10	210
	SSIA5-6C	soil	07/08/97	3	8.1	20	13	74	370	20000	430	10	290
	SSIA5-6D	soil	07/08/97	4	8.1	20	15	71	460	21000	500	10	290
SSIA5-7	SSIA5-7A	soil	07/08/97	0	7.9	110	56	30	3800	24000	1700	10	1300
	SSIA5-7B	soil	07/08/97	1.5	8.8	20	10	30	59	17000	68	10	52
	SSIA5-7B1	soil	07/08/97	1.5	0	20	10	30	24	20000	10	10	52
	SSIA5-7C	soil	07/08/97	3	7.7	20	10	30	20	19000	27	10	29
	SSIA5-7D	soil	07/08/97	4	7.8	20	10	37	30	21000	27	10	49

See last page for notes.

TABLE C-6
ANALYTICAL RESULTS FOR
EL PASO REMEDIAL INVESTIGATION SOIL SAMPLES
INVESTIGATION AREA 5

Site	Sample Number	Matrix	Date	Depth (ft)	pH	Arsenic (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Copper (mg/kg)	Iron (mg/kg)	Lead (mg/kg)	Selenium (mg/kg)	Zinc (mg/kg)
SSIA5-8	SSIA5-8A	soil	07/08/97	0	7.7	31	42	47	2800	21000	1200	16	990
	SSIA5-8B	soil	07/08/97	1.5	8.9	32	10	30	20	16000	30	10	28
	SSIA5-8C	soil	07/08/97	3	8.5	20	10	30	20	31000	32	10	86
	SSIA5-8D	soil	07/08/97	4	9	20	10	30	42	30000	25	10	92
SSIA5-9	SSIA5-9A	soil	07/08/97	0	7.4	90	39	30	2800	23000	800	10	850
	SSIA5-9B	soil	07/08/97	1.5	8.1	20	10	68	260	17000	110	10	83
	SSIA5-9C	soil	07/08/97	3	8.4	20	10	58	80	19000	46	10	29
	SSIA5-9D	soil	07/08/97	4	8.7	20	10	52	57	19000	30	10	33
SSIA5-10	SSIA5-10A	soil	07/08/97	0	7.7	130	110	34	3900	19000	2800	12	2500
	SSIA5-10B	soil	07/08/97	1.5	8.4	20	10	30	320	17000	250	10	200
	SSIA5-10C	soil	07/08/97	3	8.8	20	10	30	360	18000	300	10	210
	SSIA5-10D	soil	07/08/97	4	8.3	20	10	33	230	18000	200	10	180
SSIA5-11	SSIA5-11A	soil	07/08/97	0	8	20	22	36	1100	21000	740	10	630
	SSIA5-11B	soil	07/08/97	1.5	8.1	20	23	66	570	19000	470	10	360
	SSIA5-11C	soil	07/08/97	3	8.3	20	10	130	330	18000	230	10	200
	SSIA5-11D	soil	07/08/97	4	8.3	20	10	68	33	31000	31	10	74
SSIA5-12	SSIA5-12A	soil	07/08/97	0	7.8	21	19	41	810	21000	540	10	440
	SSIA5-12B	soil	07/08/97	1.5	7.8	20	11	100	430	20000	440	10	340
	SSIA5-12C	soil	07/08/97	3	8.2	20	10	52	20	27000	38	10	72
	SSIA5-12D	soil	07/08/97	4	8.3	20	10	41	130	30000	110	10	120
SSIA5-13	SSIA5-13A	soil	07/08/97	0	7.8	87	36	69	2200	17000	830	10	850
	SSIA5-13B	soil	07/08/97	1.5	8	20	10	30	100	18000	110	10	100
	SSIA5-13C	soil	07/08/97	3	8.3	20	10	87	190	19000	160	10	130
	SSIA5-13D	soil	07/08/97	4	8.4	20	10	30	42	21000	35	10	61
SSIA5-14	SSIA5-14A	soil	07/08/97	0	8	78	10	60	1300	14000	170	10	220
	SSIA5-14B	soil	07/08/97	1.5	8.2	10	10	30	120	19000	130	10	54
	SSIA5-14C	soil	07/08/97	3	8.7	20	10	56	20	17000	12	10	28
	SSIA5-14D	soil	07/08/97	4	8.7	20	10	190	20	18000	11	10	38

TABLE C-6
ANALYTICAL RESULTS FOR
EL PASO REMEDIAL INVESTIGATION SOIL SAMPLES
INVESTIGATION AREA 5

Site	Sample Number	Matrix	Date	Depth (ft)	pH	Arsenic (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Copper (mg/kg)	Iron (mg/kg)	Lead (mg/kg)	Selenium (mg/kg)	Zinc (mg/kg)
SSIA5-15	SSIA5-15A	soil	07/14/97	0	7.9	86	J4	74	2800	23000	420	10	900
	SSIA5-15A2	soil	07/14/97	Dup	7.9	70	J4	64	2400	23000	420	10	760
	SSIA5-15B	soil	07/14/97	1.5	8.5	20	U	32	39	17000	34	10	59
	SSIA5-15B2	soil	07/14/97	Dup	8.3	20	U	100	20	18000	38	10	27
	SSIA5-15C	soil	07/14/97	3	8.4	20	U	150	20	20000	13	10	48
SSIA5-16	SSIA5-15D	soil	07/14/97	4	9	20	U	120	20	20000	22	10	47
	SSIA5-16A	soil	07/14/97	0	7.6	27	J4	89	1000	32000	610	10	650
	SSIA5-16A2	soil	07/14/97	Dup	7.9	68	J4	74	1400	33000	830	10	1000
	SSIA5-16B	soil	07/14/97	1.5	8.1	20	U	30	200	20000	150	10	190
	SSIA5-16B2	soil	07/14/97	Dup	8.1	20	U	51	140	20000	140	10	140
SSIA5-17	SSIA5-16C	soil	07/14/97	3	8.7	20	U	30	21	20000	11	10	48
	SSIA5-16D	soil	07/14/97	4	8.2	20	U	46	23	23000	18	10	81
	SSIA5-17A	soil	07/14/97	0	7.7	83	J4	30	1800	23000	1100	10	1400
	SSIA5-17B	soil	07/14/97	1.5	8.1	24	J4	30	150	18000	140	10	150
	SSIA5-17C	soil	07/14/97	3	8.1	24	U	80	57	17000	63	10	90
SSIA5-18	SSIA5-17D	soil	07/14/97	4	8.3	20	U	140	20	19000	24	10	50
	SSIA5-18A	soil	07/14/97	0	8.5	26	J4	30	1200	20000	200	10	430
	SSIA5-18B	soil	07/14/97	1.5	9.3	20	U	30	27	16000	15	10	28
	SSIA5-18C	soil	07/14/97	3	8.7	20	U	160	21	17000	32	10	41
	SSIA5-18D	soil	07/14/97	4	9.5	20	U	30	20	18000	26	10	44
SSIA5-19	SSIA5-19A	soil	07/14/97	0	7.7	160	J4	39	3400	28000	2400	18	3300
	SSIA5-19B	soil	07/14/97	1.5	7.8	20	U	30	370	15000	310	10	430
	SSIA5-19C	soil	07/14/97	3	8.1	20	U	68	230	26000	880	10	1800
	SSIA5-19D	soil	07/14/97	4	8.2	20	U	59	270	25000	810	10	1500

Notes: U = Not detected above associated detection limit.

J4 = Estimated quantity; quality control criteria are outside control limits.

mg/kg = milligrams per kilogram.

TABLE C-7
ANALYTICAL RESULTS FOR
EL PASO REMEDIAL INVESTIGATION SOIL SAMPLES
INVESTIGATION AREA 8

Site	Sample Number	Matrix	Date	Depth (ft)	pH	Arsenic (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Copper (mg/kg)	Iron (mg/kg)	Lead (mg/kg)	Selenium (mg/kg)	Zinc (mg/kg)
SSIA8-1	SSIA8-1A	soil	07/16/97	0	8.2	240	33	58	140	17000	44	10	470
	SSIA8-1B	slag	07/16/97	1.5	7.9	2100	400	120	4300	86000	1500	26	8100
	SSIA8-1C	slag	07/16/97	3	8.1	800	99	200	3000	140000	10000	40	17000
SSIA8-2	SSIA8-2A	soil	07/16/97	0	8.5	20	35	58	440	17000	240	10	510
	SSIA8-2B	soil	07/16/97	1.5	8.9	20	11	30	530	18000	500	10	340
	SSIA8-2C	slag	07/16/97	3	8.8	880	35	290	1600	160000	8900	10	24000
	SSIA8-2D	slag	07/16/97	4	7.9	770	37	72	1500	170000	10000	10	28000
SSIA8-3	SSIA8-3A	soil	07/16/97	0	8.4	2700	660	130	1400	34000	420	66	4600
	SSIA8-3B	soil	07/16/97	1.5	8.1	170	150	56	1100	17000	1000	10	1800
	SSIA8-3C	soil	07/16/97	3	8.1	1100	400	110	7000	29000	6800	40	4800
	SSIA8-3D	soil	07/16/97	4	7.9	290	79	190	3700	18000	4700	10	2200
SSIA8-4	SSIA8-4A	soil	07/16/97	0	8.8	20	10	30	660	17000	120	10	150
	SSIA8-4B	soil	07/16/97	1.5	7.7	3700	980	30	20000	61000	43000	57	21000
	SSIA8-4C	slag	07/16/97	3	6.9	6600	1000	79	39000	56000	71000	68	26000
	SSIA8-4D	slag	07/16/97	4	7.3	3100	530	140	13000	44000	22000	23	11000
SSIA8-5	SSIA8-5A	soil	07/16/97	0	8.5	53	130	110	1500	18000	180	10	2300
	SSIA8-5B	soil	07/16/97	1.5	8.1	20	10	30	170	16000	130	10	350
	SSIA8-5C	soil	07/16/97	3	8.4	20	28	150	1100	19000	440	10	770
	SSIA8-5D	soil	07/16/97	4	8.5	20	10	120	170	16000	50	10	250
SSIA8-6	SSIA8-6A	soil	07/16/97	0	8.7	20	23	30	400	15000	690	10	370
	SSIA8-6A2	soil	07/16/97	Dup	8.8	20	13	140	390	15000	680	10	330
	SSIA8-6B	soil	07/16/97	1.5	9.1	20	47	94	520	19000	1000	10	470
	SSIA8-6C	soil	07/16/97	3	8.3	58	130	97	530	20000	1700	10	1100
SSIA8-7	SSIA8-6D	soil	07/16/97	4	9.3	120	110	100	2600	22000	2400	10	1300
	SSIA8-7A	soil	07/16/97	0	8.6	51	96	59	980	20000	520	10	1100
	SSIA8-7B	soil	07/16/97	1.5	8.3	20	22	30	250	16000	300	10	220
	SSIA8-7C	soil	07/16/97	3	8.3	31	41	200	380	15000	500	10	330
SSIA8-7D	SSIA8-7D	soil	07/16/97	4	8.8	20	10	250	23	25000	42	10	54

See last page for notes.

TABLE C-7
ANALYTICAL RESULTS FOR
EL PASO REMEDIAL INVESTIGATION SOIL SAMPLES
INVESTIGATION AREA 8

Site	Sample Number	Matrix	Date	Depth (ft)	pH	Arsenic (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Copper (mg/kg)	Iron (mg/kg)	Lead (mg/kg)	Selenium (mg/kg)	Zinc (mg/kg)
SSIA8-8	SSIA8-8A	soil	07/16/97	0	8.5	20	U	30	U, UJ4	830	770	10	U
	SSIA8-8B	soil	07/16/97	1.5	8.4	39	31	44	J4	1500	1400	10	U
	SSIA8-8C	soil	07/16/97	3	8.4	20	U	140	U	18000	330	10	U
	SSIA8-8D	soil	07/16/97	4	8.5	20	U	92	U	18000	920	10	U
SSIA8-9	SSIA8-9A	soil	07/16/97	0	8.1	1000	310	120	J4	22000	8900	35	8000
	SSIA8-9B	soil	07/16/97	1.5	7.9	530	270	30	U, UJ4	30000	11000	37	5100
	SSIA8-9C	soil	07/16/97	3	7.8	180	76	75	U	29000	4600	12	1600
	SSIA8-9D	soil	07/16/97	4	8	20	U	30	U	21000	1300	10	U
SSIA8-10	SSIA8-10A	soil	07/17/97	0	8.6	20	U	30	U	10000	68	10	U
	SSIA8-10B	soil	07/17/97	1.5	7.8	53	66	90	U	18000	1400	10	U
	SSIA8-10C	soil	07/17/97	3	8.5	20	U	79	U	16000	810	10	U
	SSIA8-10D	soil	07/17/97	4	9.1	20	U	30	U	14000	660	10	U
SSIA8-11	SSIA8-11A	soil	07/17/97	0	8.4	910	430	33	U	24000	3200	31	6300
	SSIA8-11B	soil	07/17/97	1.5	7.5	62	86	31	U	11000	3700	10	U
	SSIA8-11C	soil	07/17/97	3	8.5	20	U	150	U	7000	36	10	U
	SSIA8-11D	soil	07/17/97	4	8.4	20	U	76	U	7000	230	10	U
SSIA8-12	SSIA8-12A	soil	07/17/97	0	8	150	78	36	U	17000	3600	10	U
	SSIA8-12B	soil	07/17/97	1.5	7.9	480	78	66	U	32000	4900	10	U
	SSIA8-12C	soil	07/17/97	3	8.2	32	23	230	U	16000	1100	10	U
	SSIA8-12D	soil	07/17/97	4	8.4	20	U	200	U	19000	38	10	U
SSIA8-13	SSIA8-13A	soil	07/17/97	0	8.4	33	10	30	U	13000	230	10	U
	SSIA8-13B	soil	07/17/97	1.5	8	20	U	72	U	26000	3100	10	U
	SSIA8-13C	soil	07/17/97	3	8.5	20	U	170	U	18000	190	10	U
	SSIA8-13D	soil	07/17/97	4	8.6	20	U	120	U	19000	98	10	U
SSIA8-14	SSIA8-14A	soil	07/17/97	0	8.7	20	U	55	U	13000	83	10	U
	SSIA8-14B	soil	07/17/97	Dup	8.9	20	U	30	U	14000	73	10	U
	SSIA8-14C	slag	07/17/97	1.5	8.5	110	25	350	U	150000	1200	23	13000
	SSIA8-14D	slag	07/17/97	3	8.2	120	20	370	U	180000	2900	14	25000
SSIA8-15	SSIA8-15A	soil	07/18/97	0	9	20	U	45	J4	13000	160	10	U
	SSIA8-15B	soil	07/18/97	1.5	8.4	20	U	31	J4	16000	900	10	U
	SSIA8-15C	soil	07/18/97	3	8.7	20	U	92	U	13000	100	10	U
	SSIA8-15D	soil	07/18/97	4	7.9	83	92	160	U	19000	8900	72	2200

TABLE C-7
ANALYTICAL RESULTS FOR
EL PASO REMEDIAL INVESTIGATION SOIL SAMPLES
INVESTIGATION AREA 8

Site	Sample Number	Matrix	Date	Depth (ft)	pH	Arsenic (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Copper (mg/kg)	Iron (mg/kg)	Lead (mg/kg)	Selenium (mg/kg)	Zinc (mg/kg)
SSIA8-16	SSIA8-16A	soil	07/18/97	0	8.2	930	240	120	J4	22000	4000	31	5000
	SSIA8-16B	soil	07/18/97	1.5	7.9	370	190	92	J4	9500	10000	27	4000
	SSIA8-16C	soil	07/18/97	3	8	1100	120	50		4400	3500	17	3600
	SSIA8-16D	slag	07/18/97	4	7.5	1200	520	30	U	3100	5000	50	3900
SSIA8-17	SSIA8-17A	soil	07/18/97	0	8.4	98	29	30	J4	3700	470	10	U
	SSIA8-17B	soil	07/18/97	1.5	8.4	20	10	59	J4	710	380	10	U
	SSIA8-17C	soil	07/18/97	3	8.6	27	10	150		2100	520	10	U
	SSIA8-17D	soil	07/18/97	4	8.7	20	11	74		260	240	10	U
SSIA8-18	SSIA8-18A	soil	07/18/97	0	8.4	260	100	30	U, J4	890	300	10	U
	SSIA8-18A2	soil	07/18/97	Dup	8.5	280	100	87	J4	800	240	10	U
	SSIA8-18B	soil	07/18/97	1.5	8	20	99	77	J4	3700	3600	10	U
	SSIA8-19A	soil	07/18/97	0	8.5	44	10	76	J4	1200	350	10	U
SSIA8-19	SSIA8-19B	soil	07/18/97	1.5	8.3	20	10	48	J4	560	560	10	U
	SSIA8-19C	soil	07/18/97	3	8.9	20	10	160		430	290	10	U
	SSIA8-19D	slag	07/18/97	4	7.6	20	220	41		11000	14000	14	7200
	SSIA8-20A	soil	07/18/97	0	8.3	20	10	64	J4	200	95	10	U
SSIA8-20	SSIA8-20B	slag	07/18/97	1.5	9	330	89	230	J4	10000	3900	38	15000
	SSIA8-21A	soil	07/18/97	0	8.1	460	300	59	J4	12000	1400	21	5900
	SSIA8-21B	soil	07/18/97	1.5	8	780	110	100	J4	19000	2900	15	3200
	SSIA8-21C	soil	07/18/97	3	8.6	23	10	30	U	500	150	10	U
SSIA8-21	SSIA8-21D	soil	07/18/97	4	8.5	20	14	45		310	480	10	U
	SSIA8-22A	soil	07/18/97	0	7.9	6600	1400	110	J4	23000	8100	53	7600
	SSIA8-22B	soil	07/18/97	1.5	7.3	2600	600	45	J4	2900	1500	24	2300
	SSIA8-22C	soil	07/18/97	3	7.2	1800	260	89		610	350	15	1600
SSIA8-22	SSIA8-22D	soil	7/18/97	4	7.8	160	42	30	U	20	13	10	U
	SSIA8-23A	soil	07/18/97	0	9.2	140	29	97	J4	820	590	10	U
	SSIA8-23B	soil	07/18/97	1.5	8.4	20	21	65	J4	570	490	10	U
	SSIA8-23C	soil	07/18/97	3	8.7	29	10	30		410	370	10	U
SSIA8-23	SSIA8-23D	soil	07/18/97	4	9.1	20	10	78		68	50	10	U
	SSIA8-24A	soil	07/18/97	0	8.6	110	21	100	J4	2900	550	10	U
	SSIA8-24B	slag	07/18/97	1.5	8.4	44	190	88	J4	2000	830	19	2100

TABLE C-7
ANALYTICAL RESULTS FOR
EL PASO REMEDIAL INVESTIGATION SOIL SAMPLES
INVESTIGATION AREA 8

Site	Sample Number	Matrix	Date	Depth (ft)	pH	Arsenic (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Copper (mg/kg)	Iron (mg/kg)	Lead (mg/kg)	Selenium (mg/kg)	Zinc (mg/kg)
SSIA8-25	SSIA8-25A	slag	07/18/97	0	8.4	4400	910	170	J4	59000	20000	180	16000
	SSIA8-25B	slag	07/18/97	1.5	8.1	900	120	99	J4	140000	3600	31	19000
SSIA8-26	SSIA8-26A	slag	07/18/97	0	5.7	2900	520	85	J4	110000	25000	94	12000
	SSIA8-26B	slag	07/18/97	1.5	6.7	290	410	120	J4	160000	8100	10	33000
SSIA8-27	SSIA8-27A	soil	07/18/97	0	8.2	3300	380	290	J4	70000	8100	98	11000
	SSIA8-27B	soil	07/18/97	1.5	8.7	240	33	31	J4	20000	790	10	1200
	SSIA8-27C	soil	07/18/97	3	8.9	20	10	130	U	13000	170	10	95
SSIA8-28	SSIA8-28A	soil	07/18/97		8	4400	1800	210	J4	33000	7500	39	6100
	SSIA8-28B	soil	07/18/97	1.5	7.5	3300	1300	100	J4	49000	19000	53	19000
	SSIA8-28C	soil	07/18/97	3	8.2	20	10	170	U	18000	60	10	55
	SSIA8-28D	soil	07/18/97	4	8.4	20	10	89	U	13000	27	10	20
SSIA8-29	SSIA8-29A	soil	07/18/97	0	7.8	2900	470	520	J4	130000	9700	160	16000
	SSIA8-29B	soil	07/18/97	1.5	7.5	1100	350	230	J4	120000	22000	60	24000
SSIA8-30	SSIA8-30A	soil	07/18/97	0	5.6	2000	840	70	J4	190000	20000	73	9400
	SSIA8-30A2	soil	07/18/97	Dup	5.4	2300	910	150	J4	180000	17000	74	11000
	SSIA8-30B	slag	07/18/97	1.5	5	220	36	250	J4	210000	8100	10	10000
SSIA8-31	SSIA8-31A	soil	07/18/97	0	9	48	10	30	U, UJ4	14000	400	10	400
	SSIA8-31B	soil	07/18/97	1.5	7.8	94	280	80	14	26000	9900	40	7500
	SSIA8-31C	slag	07/18/97	3	8.3	20	44	340		260000	7100	42	12000

Notes: U = Not detected above associated detection limit.

J4 = Estimated quantity, quality control criteria are outside control limits.

mg/kg = milligrams per kilogram.

TABLE C-8
ANALYTICAL RESULTS FOR
EL PASO REMEDIAL INVESTIGATION SOIL SAMPLES
INVESTIGATION AREA 10

Site	Sample Number	Matrix	Date	Depth (ft)	pH	Arsenic (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Copper (mg/kg)	Iron (mg/kg)	Lead (mg/kg)	Selenium (mg/kg)	Zinc (mg/kg)
SSENT-1	SSENT1-A	soil	07/17/97	0	8	470	75	69	9800	56000	5700	15	5700
	SSENT1-B	soil	07/17/97	1.5	9	20	10	43	230	20000	300	10	210
	SSENT1-C	soil	07/17/97	3	8.7	20	10	110	69	19000	160	10	70
	SSENT1-D	soil	07/17/97	4	8.8	20	10	96	65	23000	94	10	88
SSENT-2	SSENT2-A	soil	07/17/97	0	8.4	340	100	180	8400	34000	3300	15	3600
	SSENT2-B	soil	07/17/97	1.5	9.2	20	10	60	400	24000	330	10	210
	SSENT2-C	soil	07/17/97	3	8.7	20	10	30	430	23000	430	10	230
	SSENT2-D	soil	07/17/97	4	8.8	20	10	31	20	23000	26	10	47
SSENT-3	SSENT3-A	soil	07/17/97	0	8	340	99	130	8100	27000	2800	18	3000
	SSENT3-B	soil	07/17/97	1.5	8.7	34	10	110	170	23000	160	10	160
SSENT-4	SSENT4-A	soil	07/17/97	0	8	190	80	66	4000	23000	1800	10	1500
	SSENT4-B	soil	07/17/97	1.5	9	35	10	64	49	26000	37	10	69
SSENT-5	SSENT5-A	soil	07/17/97	0	7.8	750	160	200	12000	31000	5400	10	3600
	SSENT5-B	soil	07/17/97	1.5	8.9	20	12	90	300	22000	280	10	180
	SSENT5-B2	soil	07/17/97	Dup	8.7	20	10	30	300	22000	210	10	170
SSENT-6	SSENT6-A	soil	07/17/97	0	8.2	380	100	73	5500	26000	3800	16	2500
	SSENT6-B	soil	07/17/97	1.5	8.6	20	34	47	1800	23000	2200	10	1500
	SSENT6-C	soil	07/17/97	3	8.7	20	10	95	340	21000	610	10	380
	SSENT6-D	soil	07/17/97	4	7.5	20	10	60	49	24000	38	10	66
SSENT-7	SSENT7-A	soil	07/17/97	0	7.8	250	93	30	8300	28000	2800	10	2400
	SSENT7-B	soil	07/17/97	1.5	9.1	20	10	100	33	18000	30	10	41
	SSENT7-C	soil	07/17/97	3	8.9	20	10	110	20	24000	25	10	51
SSENT-8	SSENT8-A	soil	07/17/97	0	8.1	520	120	88	5700	26000	3000	11	2100
	SSENT8-A2	soil	07/17/97	Dup	7.9	450	120	170	5800	26000	2800	11	2000
	SSENT8-B	soil	07/17/97	1.5	8	710	250	30	1400	20000	1300	12	910

Notes: U = Not detected above associated detection limit.
J4 = Estimated quantity; quality control criteria are outside control limits.
mg/kg = milligrams per kilogram.

TABLE C-9

ANALYTICAL RESULTS FOR SOIL SAMPLES
EL PASO REMEDIAL INVESTIGATION BORINGS

Site	Sample Number	Matrix	Date	Depth (ft)	pH	Arsenic (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Copper (mg/kg)	Iron (mg/kg)	Lead (mg/kg)	Selenium (mg/kg)	Zinc (mg/kg)
RIBH-1	RIBH-1A	soil	06/19/97	40	7.9	4400	2100	190	4000	130000	11000	20	16000
RIBH-1	RIBH-1B	soil	06/19/97	45		1460	660	170	1200	41000	2200	13	4200
RIBH-1	RIBH-1C	soil	06/19/97	50	8.5	20	U	89	20	19000	36	10	U 83
RIBH-1	RIBH-1D	soil	06/19/97	55	9	20	U	92	26	11000	67	10	U 110
RIBH-1	RIBH-1E	soil	06/19/97	60	9.2	23	10	U	30	12000	20	10	U 64
RIBH-1	RIBH-1E2	soil	06/19/97	Dup	9.3	20	U	53	24	12000	24	10	U 140
RIBH-1	RIBH-1F	soil	06/19/97	55	9.5	20	U	51	130	20000	320	10	U 310
RIBH-2	RIBH-2A	soil	06/30/97	7		82	10	U	44	50000	39	10	U 280
RIBH-2	RIBH-2B	soil	06/30/97	10		20	U	37	20	14000	29	10	U 35
RIBH-2	RIBH-2C	soil	06/30/97	15		20	U	30	31	16000	26	10	U 85
RIBH-3	RIBH-3A	soil	06/30/97	28	8.8	20	U	30	120	33000	800	10	U 1200
RIBH-3	RIBH-3A2	soil	06/30/97	Dup	8.9	20	U	30	150	26000	800	10	U 1300
RIBH-3	RIBH-3B	soil	06/30/97	35	9.2	25	10	U	33	17000	20	10	U 75
RIBH-3	RIBH-3C	soil	06/30/97	40		20	U	30	64	24000	44	10	U 90
RIBH-4	RIBH-4A	soil	06/30/97	0		280	24	120	2100	60000	970	10	U 4700
RIBH-4	RIBH-4B	soil	06/30/97	10		29	10	U	54	21000	140	10	U 540
RIBH-4	RIBH-4C	soil	06/30/97	15	9.3	20	U	30	23	17000	25	10	U 27
RIBH-5	RIBH-5A	soil	06/30/97	2	8.8	20	U	46	310	27000	210	10	U 1600
RIBH-5	RIBH-5B	soil	06/30/97	8	9.4	20	U	82	24	16000	17	10	U 36
RIBH-5	RIBH-5B2	soil	06/30/97	Dup	9.4	20	U	59	20	17000	19	10	U 25
RIBH-5	RIBH-5C	soil	06/30/97	10	9.2	20	U	32	25	18000	30	10	U 42
RIBH-5	RIBH-5D	soil	06/30/97	12	9.3	34	10	U	17	19000	22	10	U 59
RIBH-5	RIBH-5E	soil	06/30/97	15	8.9	20	U	48	20	18000	33	10	U 54
RIBH-6	RIBH-6A	soil	06/30/97	2	9.7	270	10	U	1800	96000	830	15	6500
RIBH-7	RIBH-7A	soil	07/01/97	0	8	53	28	130	1500	21000	1000	10	U 780
RIBH-7	RIBH-7B	soil	07/01/97	5	8.9	20	U	89	55	19000	19	10	U 47
RIBH-7	RIBH-7C	soil	07/01/97	10	8.3	20	U	74	31	23000	24	10	U 71
RIBH-8	RIBH-8A	soil	07/01/97	0	7.5	120	120	63	3400	22000	3300	14	3100
RIBH-8	RIBH-8B	soil	07/01/97	5	9.3	20	U	31	22	16000	29	10	U 35
RIBH-8	RIBH-8C	soil	07/01/97	10	9.2	20	U	64	27	20000	17	10	U 48
RIBH-8	RIBH-8C2	soil	07/01/97	Dup	9.1	20	U	32	29	19000	16	10	U 53
RIBH-9	RIBH-9A	soil	07/01/97	0	7.8	63	46	30	1600	23000	1100	10	U 1500
RIBH-9	RIBH-9B	soil	07/01/97	5	8.9	20	U	80	22	15000	11	10	U 30
RIBH-9	RIBH-9C	soil	07/01/97	10	8.2	20	U	30	31	18000	33	10	U 31
RIBH-10	RIBH-10A	soil	07/01/97	0	8.2	46	10	U	760	18000	400	10	U 360
RIBH-10	RIBH-10A2	soil	07/01/97	0	8.3	28	20	U	690	18000	340	10	U 310
RIBH-10	RIBH-10B	soil	07/01/97	5		20	U	30	85	17000	40	10	U 61
RIBH-10	RIBH-10C	soil	07/01/97	10	8.8	20	U	72	20	17000	21	10	U 25

Notes: U = Not Detected above associated detection limit.

J4 = Estimated quantity; quality control criteria are outside control limits.
mg/kg = milligrams per kilogram.

TABLE C-10
ANALYTICAL RESULTS FOR SOIL SAMPLES
EL PASO REMEDIAL INVESTIGATION MONITOR WELLS

Site	Sample Number	Matrix	Date	Depth (ft)	pH	Arsenic (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Copper (mg/kg)	Iron (mg/kg)	Lead (mg/kg)	Selenium (mg/kg)	Zinc (mg/kg)
EP-67	EP-67A	soil	05/28/97	0		1400	470	30	25000	30000	9400	18	4800
EP-67	EP-67B	soil	05/28/97	5		320	200	77	2000	26000	550	10	680
EP-67	EP-67C	soil	05/28/97	10		340	59	46	210	25000	25	10	56
EP-67	EP-67D	soil	05/28/97	15		240	82	100	230	22000	18	10	82
EP-67	EP-67E	soil	05/28/97	20		310	10	30	130	24000	27	10	44
EP-67	EP-67F	soil	05/28/97	25		350	10	30	210	19000	10	10	41
EP-67	EP-67G	soil	05/28/97	30		170	10	64	110	18000	16	10	29
EP-67	EP-67H	soil	05/28/97	35		140	13	30	91	16000	21	10	39
EP-67	EP-67I	soil	05/28/97	40		38	10	120	41	26000	10	10	58
EP-67	EP-67J	soil	05/28/97	45		20	10	30	23	25000	20	10	33
EP-67	EP-67K	soil	05/28/97	50		20	10	30	24	23000	11	10	56
EP-68	EP-68A	soil	05/29/97	0		20	10	30	580	17000	140	10	82
EP-68	EP-68A2	soil	05/29/97	Dup		20	10	30	37	17000	24	10	42
EP-68	EP-68B	soil	05/29/97	5		20	10	30	49	17000	29	10	35
EP-68	EP-68C	soil	05/29/97	10		20	10	130	20	16000	18	10	22
EP-68	EP-68D	soil	05/29/97	15		20	10	65	20	21000	33	10	53
EP-68	EP-68E	soil	05/29/97	20		20	10	37	20	13000	14	10	37
EP-68	EP-68F	soil	05/29/97	25		20	10	61	32	25000	24	10	47
EP-68	EP-68G	soil	05/29/97	30		21	10	30	22	24000	11	10	36
EP-68	EP-68H	soil	05/29/97	35		20	10	85	20	17000	10	10	40
EP-68	EP-68I	soil	05/29/97	40		20	10	32	20	30000	10	10	49
EP-68	EP-68J	soil	05/29/97	45		20	10	30	54	14000	34	10	42
EP-69	EP-69A	soil	05/30/97	0		650	150	86	9900	37000	6100	16	3800
EP-69	EP-69B	soil	05/30/97	5		28	10	30	96	17000	120	10	100
EP-69	EP-69C	soil	05/30/97	15		40	10	30	34	20000	53	10	360
EP-69	EP-69D	soil	05/30/97	20		20	10	68	20	20000	11	10	32
EP-69	EP-69E	soil	05/30/97	25		20	10	30	20	28000	20	10	57
EP-69	EP-69F	soil	05/30/97	30		20	10	43	20	27000	26	10	43
EP-70	EP-70A	soil	05/30/97	20		230	79	45	32	12000	28	10	890
EP-70	EP-70B	soil	05/30/97	25		130	210	30	24	17000	20	10	1400
EP-70	EP-70C	soil	05/30/97	30		130	20	64	43	11000	24	10	300
EP-70	EP-70D	soil	05/30/97	35		320	190	48	66	22000	20	10	770
EP-70	EP-70E	soil	05/31/97	40		390	51	130	27	25000	18	10	1000
EP-70	EP-70F	soil	05/31/97	45		120	70	87	20	19000	18	10	690

See last page for notes.

TABLE C-10
ANALYTICAL RESULTS FOR SOIL SAMPLES
EL PASO REMEDIAL INVESTIGATION MONITOR WELLS

Site	Sample Number	Matrix	Date	Depth (ft)	pH	Arsenic (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Copper (mg/kg)	Iron (mg/kg)	Lead (mg/kg)	Selenium (mg/kg)	Zinc (mg/kg)
EP-70R	EP-70RA	soil	06/12/97	9	7.9	36	27	110	230	20000	41	10	470
EP-70R	EP-70RB	soil	06/12/97	15	9.1	20	10	30	20	10000	16	10	17
EP-70R	EP-70RB2	soil	06/12/97	Dup	9.3	20	10	66	20	9000	19	10	18
EP-70R	EP-70RC	soil	06/12/97	20	9	20	10	30	21	16000	25	10	29
EP-70R	EP-70RD	soil	06/12/97	25	9.4	20	10	42	20	12000	22	10	10
EP-70R	EP-70RE	soil	06/12/97	30	9.1	20	10	30	22	9000	16	10	10
EP-70R	EP-70RF	soil	06/12/97	35	8.9	20	10	67	13	23000	27	10	10
EP-70R	EP-70RG	soil	06/12/97	40	9.2	20	10	52	14	21000	20	10	56
EP-70R	EP-70RH	soil	06/12/97	45	9.1	20	10	77	68	29000	45	10	110
EP-70R	EP-70RI	soil	06/12/97	50	9.6	20	10	110	20	16000	12	10	53
EP-70R	EP-70RJ	soil	06/12/97	55	9.7	20	10	30	20	17000	10	10	65
EP-70R	EP-70RK	soil	06/12/97	60	9.5	20	10	150	20	17000	16	10	26
EP-70R	EP-70RL	soil	06/12/97	65	9.5	20	10	30	20	17000	10	10	55
EP-70R	EP-70RM	soil	06/12/97	70	9.4	20	10	30	20	17000	10	10	33
EP-71	EP-71A	soil	05/31/97	0		20	18	36	160	10000	40	10	720
EP-71	EP-71B	soil	05/31/97	5		20	10	30	20	17000	20	10	410
EP-71	EP-71C	soil	05/31/97	10		20	10	120	20	15000	49	10	400
EP-71	EP-71D	soil	05/31/97	15		20	10	40	29	14000	33	10	570
EP-71	EP-71E	soil	05/31/97	25		20	10	30	22	29000	59	10	79
EP-71R	EP-71RA	soil	06/11/97	0	6.7	1300	120	91	31000	45000	7200	33	3900
EP-71R	EP-71RB	soil	06/11/97	5	10	20	10	51	340	14000	90	10	56
EP-71R	EP-71RC	soil	06/11/97	10	9.7	20	10	38	170	11000	54	10	12
EP-71R	EP-71RD	soil	06/11/97	15	9.3	20	10	30	20	18000	10	10	31
EP-71R	EP-71RE	soil	06/12/97	20	9.6	20	10	39	25	19000	20	10	38
EP-71R	EP-71RF	soil	06/12/97	25	9.4	20	10	30	20	23000	19	10	61
EP-71R	EP-71RG	soil	06/12/97	30	9.5	20	10	150	25	20000	29	10	63
EP-71R	EP-71RH	soil	06/12/97	35	9.3	20	10	30	35	19000	13	10	31
EP-71R	EP-71RI	soil	06/12/97	40	8.9	20	10	57	37	16000	11	10	38
EP-71R	EP-71RJ	soil	06/12/97	45	9.2	20	10	200	21	19000	10	10	50
EP-71R	EP-71RK	soil	06/12/97	50	9.6	20	10	81	20	18000	13	10	46
EP-71R	EP-71RL	soil	06/12/97	60	9.6	20	10	46	20	17000	10	10	50
EP-71R	EP-71RL2	soil	06/12/97	Dup	9.7	20	10	30	20	17000	10	10	51
EP-72	EP-72A	soil	05/31/97	15		20	220	70	340	33000	530	10	1500
EP-72	EP-72B	soil	05/31/97	20		20	10	33	20	17000	32	10	81
EP-72	EP-72C	soil	06/01/97	25		20	10	67	20	13000	22	10	19
EP-72	EP-72C2	soil	06/01/97	Dup		20	10	72	20	11000	24	10	10
EP-72	EP-72D	soil	06/01/97	30	6.7	67	25	30	63	19000	23	10	74

TABLE C-10
ANALYTICAL RESULTS FOR SOIL SAMPLES
EL PASO REMEDIAL INVESTIGATION MONITOR WELLS

Site	Sample Number	Matrix	Date	Depth (ft)	pH	Arsenic (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Copper (mg/kg)	Iron (mg/kg)	Lead (mg/kg)	Selenium (mg/kg)	Zinc (mg/kg)
EP-72	EP-72E	soil	06/01/97	35		34	10	75	20	22000	38	10	32
EP-72	EP-72F	soil	06/01/97	40		20	10	30	20	23000	29	10	49
EP-73	EP-73A	soil	06/01/97	15		20	10	50	31	28000	160	10	350
EP-73	EP-73B	soil	06/01/97	20		20	10	110	400	58000	2400	10	5200
EP-73	EP-73C	soil	06/01/97	30		20	10	30	44	9000	230	10	490
EP-73	EP-73D	soil	06/01/97	35		24	10	30	20	21000	31	10	33
EP-73	EP-73E	soil	06/01/97	40		20	10	30	30	20000	140	10	240
EP-73	EP-73F	soil	06/17/97	78	9	20	10	43	20	11000	10	10	42
EP-74	EP-74A	soil	06/02/97	2		20	10	46	110	13000	300	10	140
EP-74	EP-74B	soil	06/02/97	5		20	28	130	260	22000	960	10	450
EP-74	EP-74C	soil	06/02/97	10		20	10	99	55	23000	100	10	110
EP-74	EP-74D	soil	06/02/97	15		140	10	30	96	23000	250	10	150
EP-74	EP-74E	soil	06/02/97	20		20	10	42	30	24000	38	10	49
EP-74	EP-74F	soil	06/02/97	25		20	10	30	20	24000	19	10	57
EP-74	EP-74G	soil	06/02/97	30		20	10	77	25	24000	24	10	42
EP-74	EP-74H	soil	06/02/97	35		20	10	30	20	23000	26	10	48
EP-74	EP-74I	soil	06/02/97	40		20	10	30	20	23000	22	10	41
EP-74	EP-74J	soil	06/02/97	45		41	10	30	31	30000	42	10	65
EP-74	EP-74K	soil	06/02/97	50		49	10	41	20	29000	11	10	66
EP-74	EP-74L	soil	06/02/97	55		40	10	63	20	31000	10	10	36
EP-74	EP-74M	soil	06/02/97	60		46	10	130	31	30000	19	10	40
EP-74	EP-74M2	soil	06/02/97	Dup		28	10	120	35	25000	23	10	27
EP-74	EP-74N	soil	06/02/97	65		24	10	70	33	31000	16	10	54
EP-75	EP-75A	soil	06/02/97	35		220	10	35	280	32000	490	10	5400
EP-75	EP-75B	soil	06/02/97	40		120	10	53	64	29000	120	10	1100
EP-75	EP-75C	soil	06/02/97	45		67	10	83	20	33000	23	10	77
EP-75	EP-75D	soil	06/02/97	50		45	10	43	60	22000	29	10	280
EP-75	EP-75E	soil	06/03/97	55	8.6	91	10	130	450	31000	760	10	7300
EP-75	EP-75F	soil	06/03/97	60	8.9	73	10	40	20	23000	17	10	50
EP-75	EP-75G	soil	06/03/97	65	8.8	36	10	30	22	21000	12	10	100
EP-76	EP-76A	soil	06/03/97	0	7.8	1800	420	200	12000	120000	9500	82	12000
EP-76	EP-76B	soil	06/03/97	1.5	10	420	10	310	4800	150000	3400	80	110000
EP-76	EP-76B2	soil	06/03/97	Dup	10	380	16	380	5000	150000	3500	83	110000
EP-76	EP-76C	soil	06/03/97	45	8.9	78	10	82	35	20000	28	14	190
EP-76	EP-76D	soil	06/03/97	50	9.7	29	10	52	20	18000	20	13	80

TABLE C-10
ANALYTICAL RESULTS FOR SOIL SAMPLES
EL PASO REMEDIAL INVESTIGATION MONITOR WELLS

Site	Sample Number	Matrix	Date	Depth (ft)	pH	Arsenic (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Copper (mg/kg)	Iron (mg/kg)	Lead (mg/kg)	Selenium (mg/kg)	Zinc (mg/kg)
EP-76	EP-76E	soil	06/03/97	55	9.4	110	10	30	U	29000	650	20	6600
EP-76	EP-76F	soil	06/03/97	60	9.3	20	10	140	U	19000	37	10	260
EP-77	EP-77A	soil	06/04/97	0.5	7.9	200	11	210	2500	100000	2600	10	U
EP-77	EP-77B	soil	06/04/97	20	8	140	43	84	350	39000	950	10	U
EP-77	EP-77C	soil	06/04/97	25	8.8	20	10	94	20	20000	90	10	U
EP-77	EP-77D	soil	06/04/97	30	8.7	33	10	30	20	18000	36	10	U
EP-77	EP-77E	soil	06/04/97	35	8.8	28	10	30	23	17000	37	10	U
EP-77	EP-77F	soil	06/04/97	40	9.3	73	10	78	32	27000	22	10	U
EP-77	EP-77G	soil	06/04/97	45	9.3	49	10	30	20	26000	25	10	U
EP-77	EP-77H	soil	06/04/97	50	8.8	20	10	30	20	29000	20	10	U
EP-78	EP-78A	soil	06/04/97	23	8.2	990	46	47	700	32000	530	10	U
EP-78	EP-78B	soil	06/04/97	25	8.8	87	10	78	64	11000	33	10	U
EP-78	EP-78C	soil	06/04/97	30	9.4	82	10	51	20	26000	34	10	U
EP-78	EP-78D	soil	06/04/97	40	9.6	50	10	86	62	15000	46	10	U
EP-79	EP-79A	soil	06/05/97	10	9	20	10	45	20	24000	17	10	U
EP-79	EP-79B	soil	06/05/97	15	9	32	10	60	86	28000	30	10	U
EP-79	EP-79C	soil	06/05/97	20	9.2	28	10	57	120	34000	110	10	U
EP-79	EP-79D	soil	06/05/97	25	210	210	10	95	300	47000	240	10	U
EP-79	EP-79E	soil	06/05/97	35	9.3	20	10	59	20	16000	10	10	U
EP-79	EP-79F	soil	06/05/97	40	9.4	20	10	83	20	9000	12	10	U
EP-79	EP-79G	soil	06/05/97	45	9.3	20	10	30	20	5000	10	10	U
EP-80	EP-80A	soil	06/06/97	0	8.4	26	10	41	160	14000	95	10	U
EP-80	EP-80B	soil	06/06/97	5	8.5	20	10	30	34	16000	46	10	U
EP-80	EP-80C	soil	06/06/97	10	9	20	10	30	20	18000	32	10	U
EP-80	EP-80D	soil	06/06/97	15	9	20	10	49	20	18000	10	10	U
EP-80	EP-80E	soil	06/06/97	20	9.1	20	10	79	34	13000	23	10	U
EP-80	EP-80F	soil	06/06/97	25	9	20	10	30	20	14000	15	10	U
EP-81	EP-81A	soil	06/06/97	5	8.3	150	15	80	1100	40000	790	10	U
EP-81	EP-81B	soil	06/06/97	10	8.5	20	10	38	190	22000	140	10	U
EP-81	EP-81C	soil	06/06/97	15	9	20	10	30	20	18000	14	10	U
EP-81	EP-81D	soil	06/06/97	20	8.7	20	10	30	20	17000	12	10	U
EP-81	EP-81E	soil	06/06/97	25	8.6	20	10	30	20	18000	11	10	U
EP-82	EP-82A	soil	06/10/97	0	9.1	20	10	70	200	18000	60	10	U
EP-82	EP-82B	soil	06/10/97	5	20	20	10	70	34	19000	23	10	U

TABLE C-10
ANALYTICAL RESULTS FOR SOIL SAMPLES
EL PASO REMEDIAL INVESTIGATION MONITOR WELLS

Site	Sample Number	Matrix	Date	Depth (ft)	pH	Arsenic (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Copper (mg/kg)	Iron (mg/kg)	Lead (mg/kg)	Selenium (mg/kg)	Zinc (mg/kg)
EP-82	EP-82C	soil	06/10/97	10	9.7	20	U	30	U	12000	10	U	22
EP-82	EP-82D	soil	06/10/97	15	9	20	U	100	U	8000	10	U	14
EP-82	EP-82E	soil	06/10/97	20	9	20	U	30	U	11000	14	U	50
EP-82	EP-82F	soil	06/10/97	25	9	20	U	30	U	12000	15	U	24
EP-82	EP-82G	soil	06/10/97	30	9.4	20	U	30	U	11000	10	U	15
EP-83	EP-83A	soil	06/11/97	7	9	20	U	55	U	20000	20	U	100
EP-83	EP-83B	soil	06/11/97	15	9.9	20	U	70	54	28000	18	U	110
EP-83	EP-83C	soil	06/11/97	20	9.8	20	U	99	20	19000	21	U	75
EP-83	EP-83D	soil	06/11/97	25	9.9	20	U	70	23	12000	20	U	33
EP-83	EP-83E	soil	06/11/97	30	9.5	20	U	90	20	8000	10	U	18
EP-83	EP-83F	soil	06/11/97	35	9.5	20	U	30	U	6000	10	U	21
EP-83	EP-83F2	soil	06/11/97	Dup	9.6	20	U	48	21	6000	10	U	49
EP-83	EP-83G	soil	06/11/97	40	9.5	20	U	30	U	12000	10	U	32
EP-83	EP-83H	soil	06/11/97	45	8.5	20	U	30	U	27000	27	U	110
EP-84	EP-84A	soil	06/11/97	0	8.9	20	U	47	490	22000	500	U	390
EP-84	EP-84B	soil	06/11/97	5	9	20	U	65	490	23000	500	U	380
EP-84	EP-84C	soil	06/11/97	10	8.8	20	U	29	47	24000	61	U	98
EP-84	EP-84D	soil	06/11/97	15	8.6	20	U	48	33	22000	33	U	110
EP-85	EP-85A	soil	06/12/97	5	9.3	59	U	30	U	20000	150	U	180
EP-85	EP-85B	soil	06/12/97	10	8.9	27	U	78	20	15000	15	U	35
EP-85	EP-85C	soil	06/12/97	15	9.3	22	U	63	41	17000	27	U	26
EP-85	EP-85D	soil	06/12/97	20	9.4	20	U	30	U	18000	32	U	99
EP-86	EP-86A	soil	06/13/97	0	8.4	20	U	30	U	19000	87	U	100
EP-86	EP-86B	soil	06/13/97	5	9.3	20	U	30	U	15000	33	U	100
EP-86	EP-86C	soil	06/13/97	10	9.3	20	U	30	U	21000	16	U	57
EP-86	EP-86D	soil	06/13/97	15	9.7	20	U	30	U	22000	48	U	85
EP-86	EP-86E	soil	06/13/97	20	9.8	20	U	39	30	16000	39	U	63
EP-86	EP-86F	soil	06/13/97	25	9.8	20	U	30	U	13000	26	U	52
EP-86	EP-86G	soil	06/13/97	30	9.8	20	U	100	20	9000	25	U	42
EP-86	EP-86H	soil	06/13/97	35	9.9	20	U	30	U	9000	14	U	33
EP-86	EP-86I	soil	06/13/97	40	9.8	20	U	30	U	12000	16	U	23
EP-86	EP-86J	soil	06/13/97	45	10	20	U	35	20	14000	17	U	25
EP-86	EP-86K	soil	06/13/97	50	9.6	20	U	30	U	7000	14	U	19
EP-86	EP-86L	soil	06/13/97	55	9.6	20	U	30	U	18000	10	U	41
EP-86	EP-86M	soil	06/13/97	60	9.7	20	U	55	20	13000	10	U	36
EP-86	EP-86M2	soil	06/13/97	Dup	9.8	20	U	30	30	15000	10	U	18

TABLE C-10
ANALYTICAL RESULTS FOR SOIL SAMPLES
EL PASO REMEDIAL INVESTIGATION MONITOR WELLS

Site	Sample Number	Matrix	Date	Depth (ft)	pH	Arsenic (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Copper (mg/kg)	Iron (mg/kg)	Lead (mg/kg)	Selenium (mg/kg)	Zinc (mg/kg)
EP-87	EP-87A	soil	06/16/97	0	8.9	20	10	86	20	14000	14	10	42
EP-87	EP-87B	soil	06/16/97	5	9	20	10	30	41	14000	54	10	68
EP-87	EP-87C	soil	06/16/97	10	8.9	20	10	30	20	12000	11	10	19
EP-88	EP-88A	soil	06/17/97	0	8.3	550	150	200	5600	21000	3600	23	3100
EP-88	EP-88B	soil	06/17/97	5	8	50	120	120	2200	33000	2700	10	3200
EP-88	EP-88C	soil	06/17/97	10	9	20	10	59	38	24000	35	10	54
EP-88	EP-88C2	soil	06/17/97	Dup	9	20	10	30	33	23000	19	10	61
EP-88	EP-88D	soil	06/17/97	15	9.3	20	10	55	20	30000	35	10	95
EP-88	EP-88E	soil	06/17/97	20	9.6	20	10	30	76	18000	58	10	55
EP-88	EP-88F	soil	06/17/97	25	9.7	20	10	30	36	28000	19	10	49
EP-88	EP-88G	soil	06/17/97	30	9.7	20	10	100	30	27000	18	10	68
EP-88	EP-88H	soil	06/17/97	35	9.5	20	10	70	20	18000	10	10	42
EP-89	EP-89A	soil	06/18/97	0	7.8	34	110	30	4900	27000	9600	20	4100
EP-89	EP-89B	soil	06/18/97	5	8.4	20	10	48	25	23000	42	10	78
EP-89	EP-89C	soil	06/18/97	10		20	10	30	160	32000	180	10	200
EP-89	EP-89D	soil	06/18/97	15		20	10	75	20	25000	22	10	56
EP-89	EP-89E	soil	06/18/97	20	9	20	10	54	20	19000	39	10	72
EP-89	EP-89F	soil	06/18/97	25	8.9	20	10	30	38	20000	92	10	180
EP-89	EP-89G	soil	06/18/97	30	9.6	20	10	91	30	17000	14	10	61
EP-89	EP-89H	soil	06/18/97	35	9.1	20	10	46	33	13000	44	10	65
EP-89	EP-89I	soil	06/18/97	38	9.6	20	10	88	20	12000	14	10	32

Notes: U = Not detected above associated detection limit.

J4 = Estimated quantity; quality control criteria are outside control limits.
mg/kg = milligrams per kilogram.

APPENDIX D

GRAPHS OF SOIL SAMPLE METAL ANALYSES, CONCENTRATIONS VERSUS DEPTH

APPENDIX D

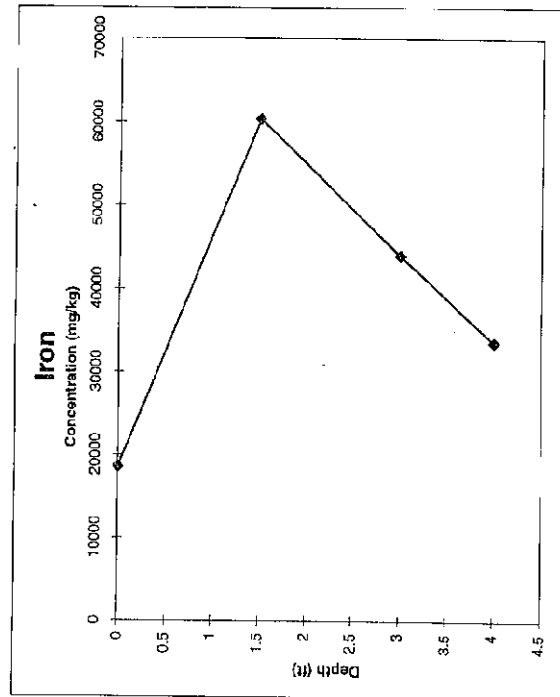
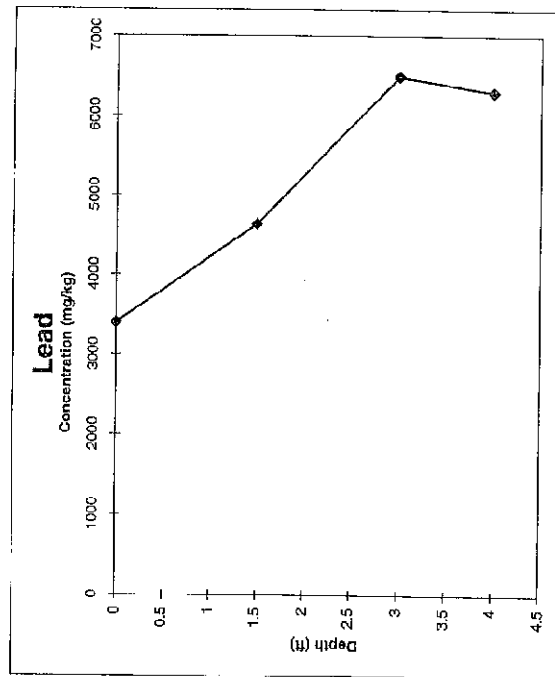
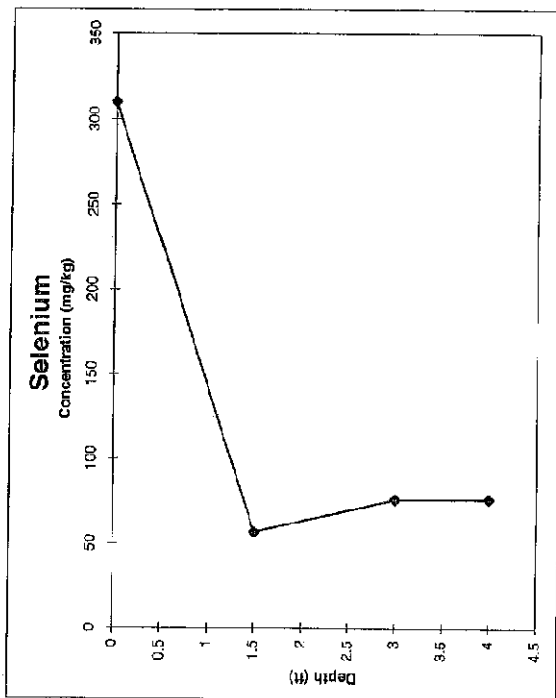
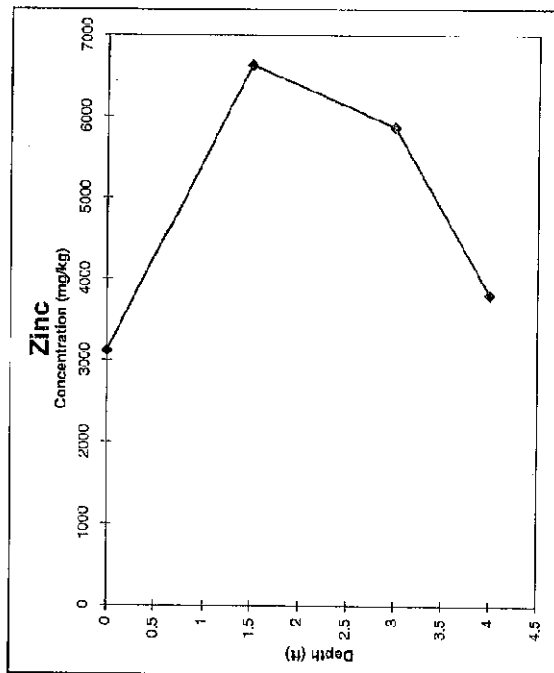
GRAPHS OF SOIL SAMPLE METAL ANALYSES, CONCENTRATIONS VERSUS DEPTH

APPENDIX D
GRAPHS OF SOIL SAMPLE METAL ANALYSES,
CONCENTRATION VERSUS DEPTH

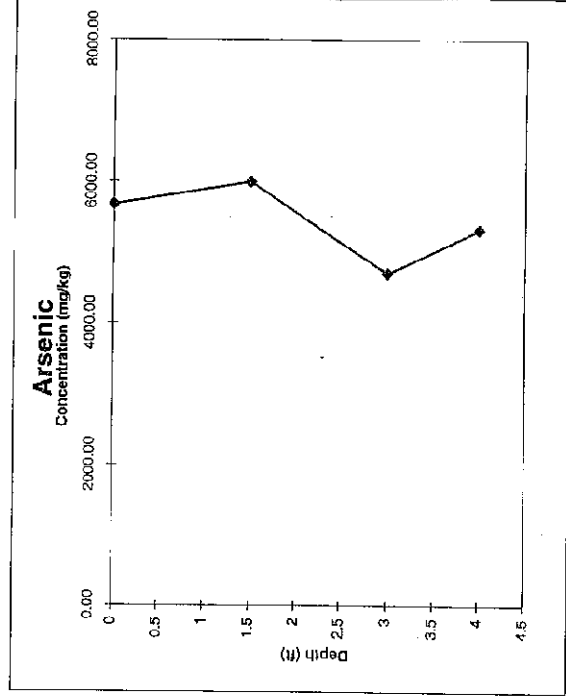
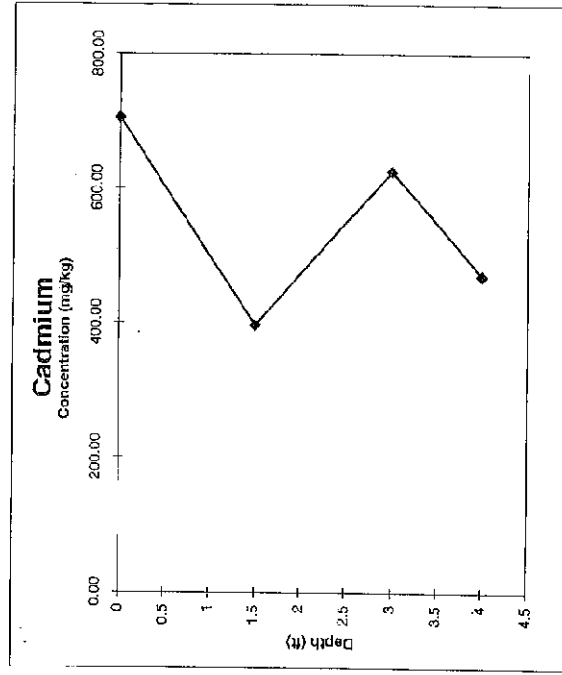
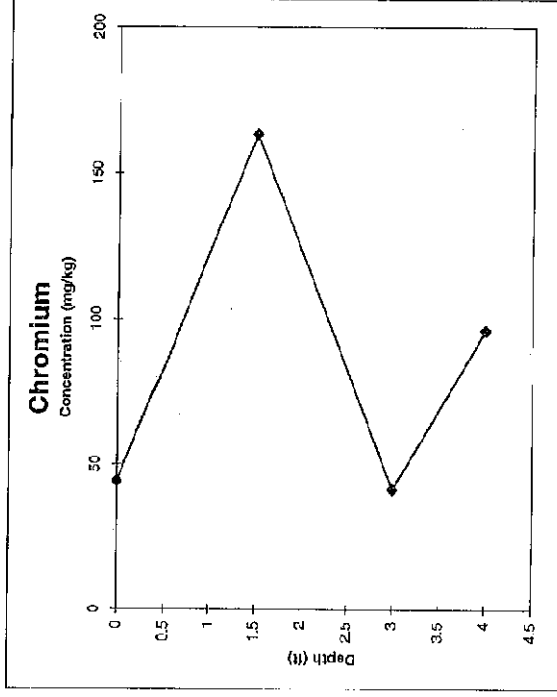
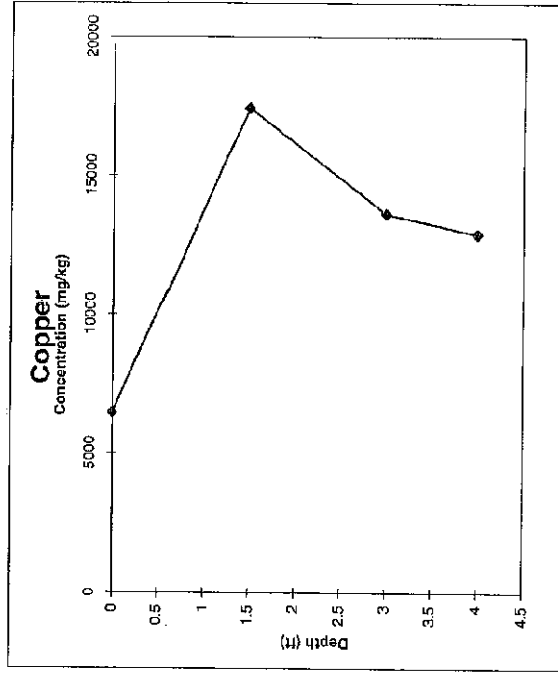
This appendix contains graphs of the analytical results for eight metals (arsenic, cadmium, chromium, copper, iron, lead, selenium and zinc) for soil samples. The first graphs present averaged data per Investigation Area. The concentrations shown are the averaged concentrations for all shallow borings drilled in the Investigation Area. The averaged concentration is calculated using one-half the detection limit for nondetectable results. The subsequent graphs present the data per well for soil samples collected during well construction. Soil samples were collected at five-foot intervals in monitor wells EP-67 through EP-89 (22 wells total).

Graphs indicate the concentrations in milligrams per kilogram (mg/kg) versus depth (feet below ground surface). Scales vary for each constituent and nondetectable concentrations are not indicated. Refer to the tabulated summaries of soil data for the detection limits (Appendix C).

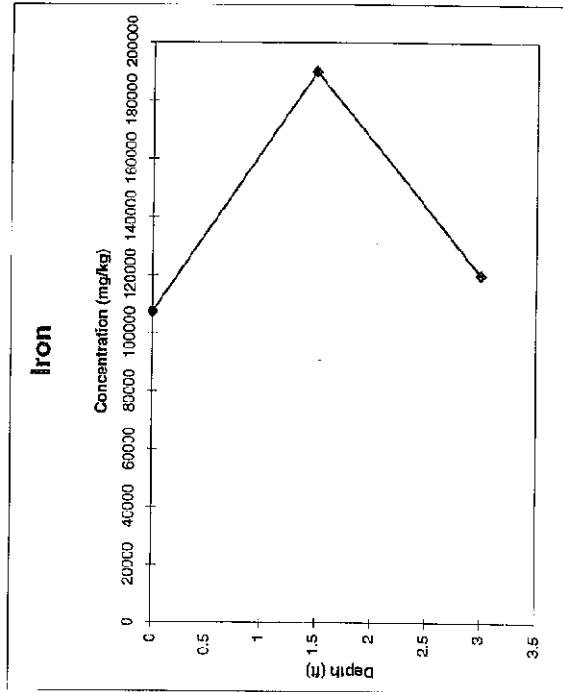
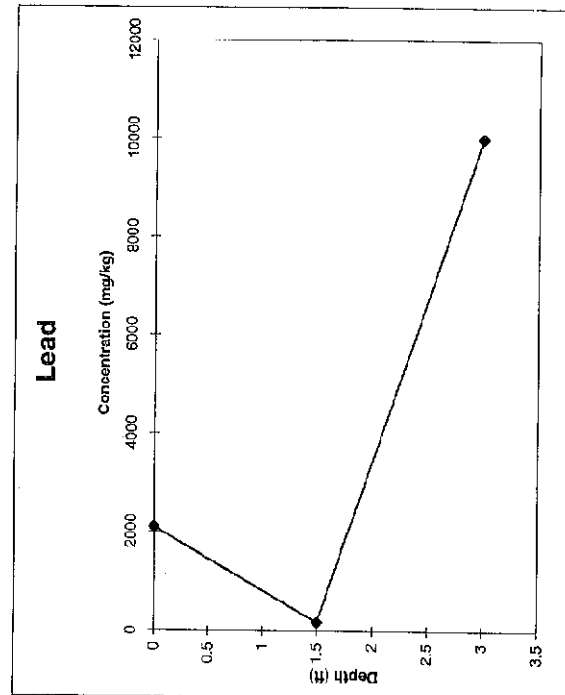
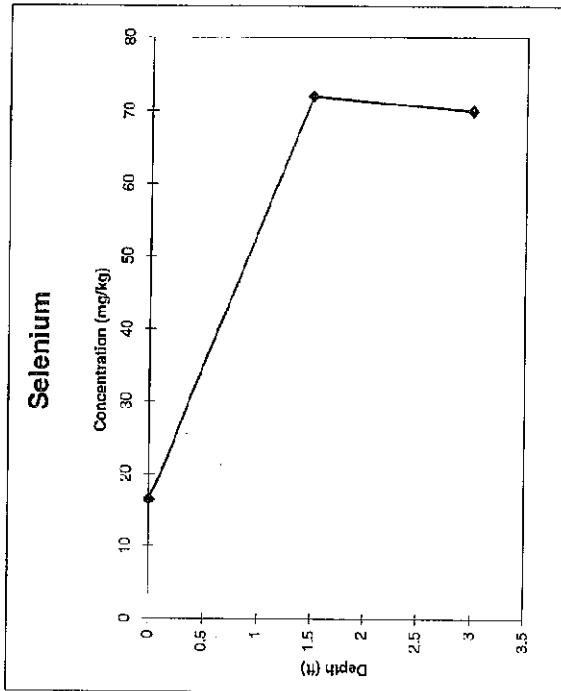
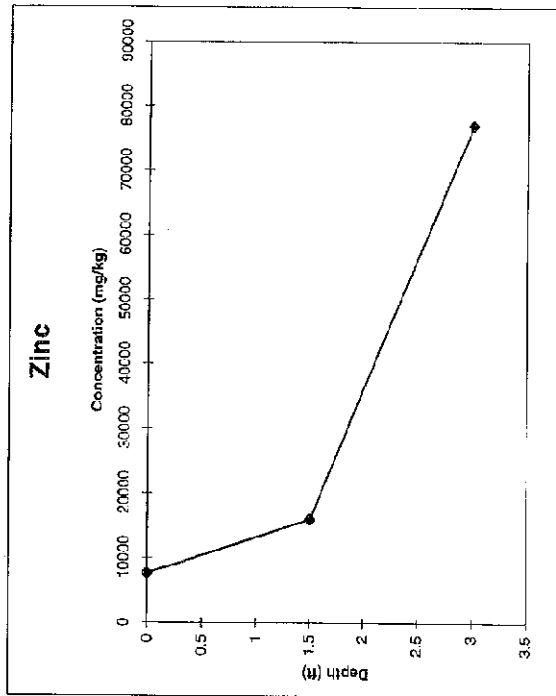
El Paso RI
Surface Soil Samples
Investigation Area No. 1



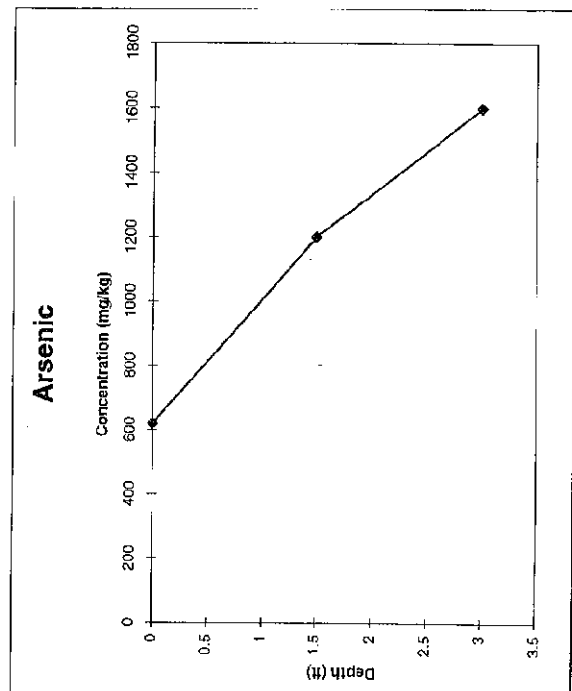
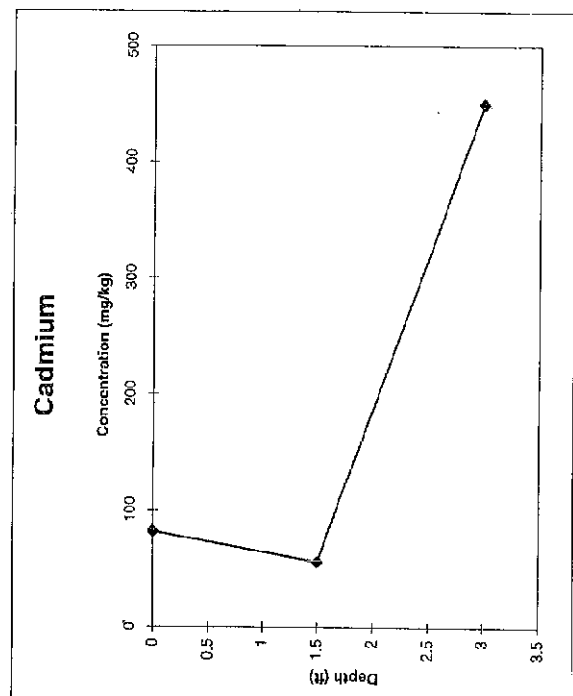
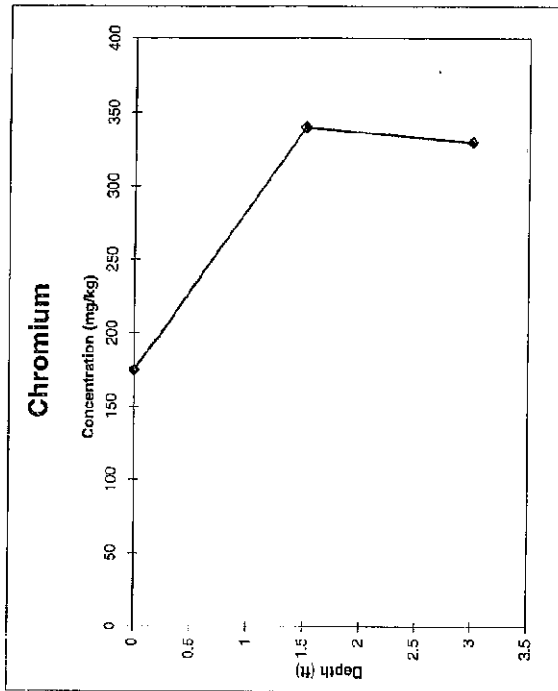
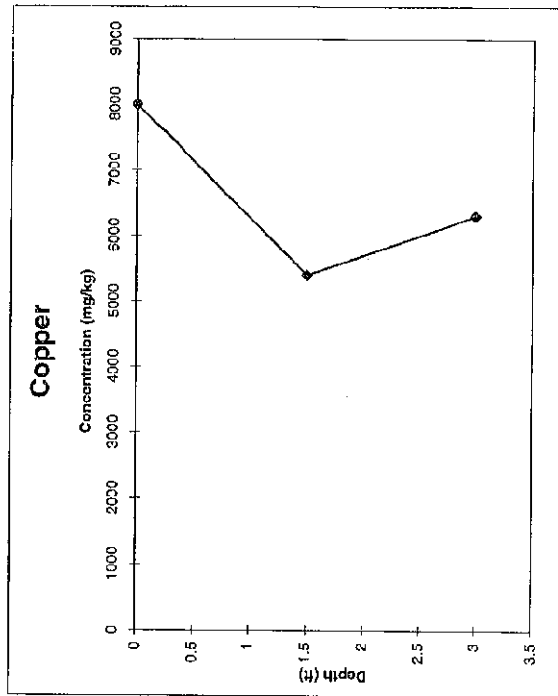
El Paso RI
Surface Soil Samples
Investigation Area No. 1



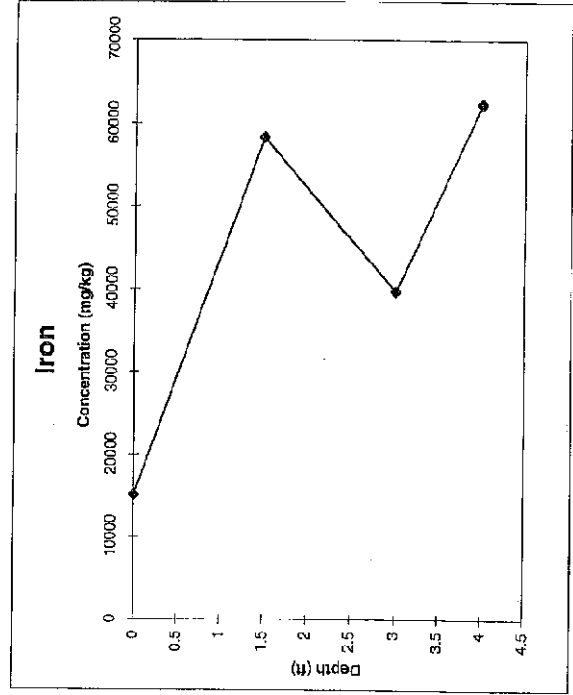
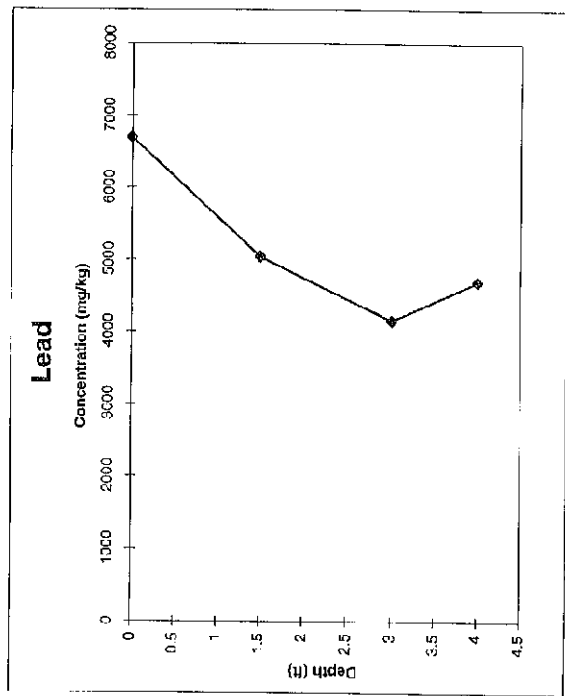
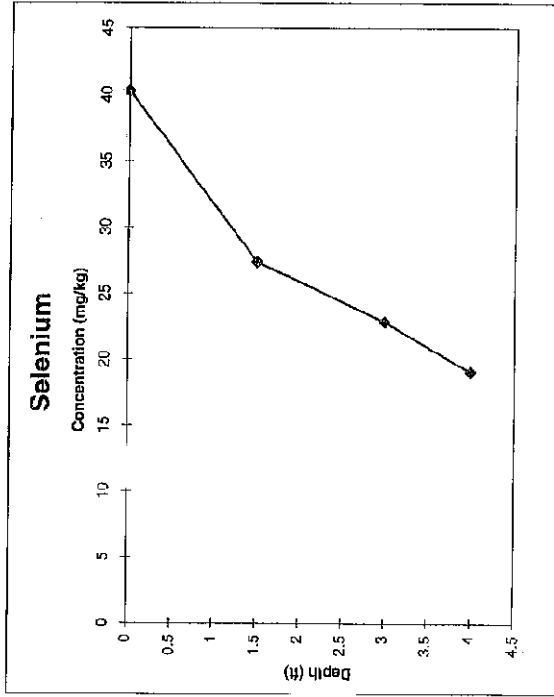
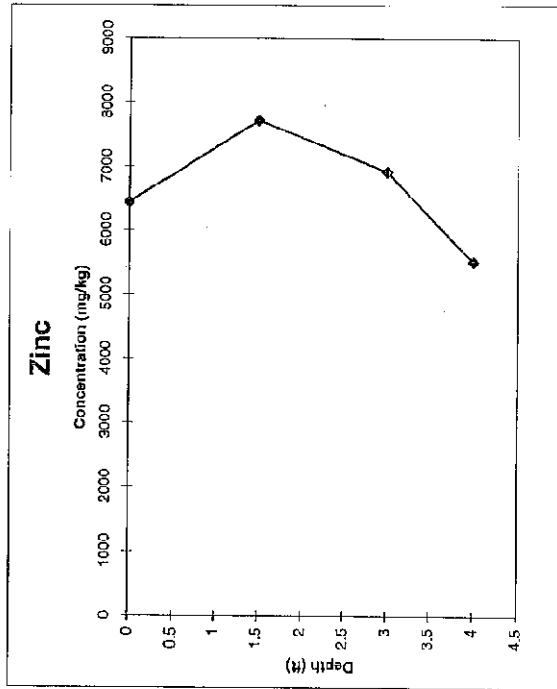
El Paso RI
Surface Soil Samples
Investigation Area No. 2



El Paso RI
Surface Soil Samples
Investigation Area No. 2



El Paso RI
Surface Soil Samples
Investigation Area No. 3



El Paso RI
Surface Soil Samples
Investigation Area No. 3

