Figure 8
Cinnamon Gulch Mine Waste Pile Samples
SPLP Zinc Sample Concentrations
All Concentrations in ug/l

Legend
Mine Waste Pile Soils - SPLP Results - ug/l
Zinc
- <120
- 120 - 2,000
- 2,000 - 5,000
- 5,000 - 10,000
- 10,000 - 26,700

Zinc SPLP Leachability
DW Standard - 5,000 ug/l
Acute Env. - 120 ug/l
Chronic Env. - 120 ug/l

Cinnamon Gulch Boundary
Figure 9
Cinnamon Gulch Mine Seep and Adit Discharge Samples
Total Metals - Cadmium Sample Concentrations
All Concentrations in ug/l

Legend
Mine Waste Seeps and Adit Water Total Metals
- Cadmium
  - 0.1 - 2.0
  - 2.0 - 5.0
  - 5.0 - 32.6
  - 32.6 - 60.4
  - 60.4 - 237.0

Cadmium Standards
- DW Standard - 5.0 ug/l
- Acute Env. - 2.0 ug/l
- Chronic Env. - 0.25 ug/l

Cinnamon Gulch Boundary
Figure 10
Cinnamon Gulch Mine Seep and Adit Discharge Samples
Total Metals - Copper Sample Concentrations
All Concentrations in ug/l

Legend
Mine Waste Seeps and Adit Water Total Metals
Copper
- <9.0
- 9.0 - 13.0
- 13.0 - 50.0
- 50.0 - 1,210
- 1,210 - 9,360

Copper Standards
DW Standard - 50 ug/l
Acute Env. - 13.0 ug/l
Chronic Env. - 9.0 ug/l

Cinnamon Gulch Boundary
Figure 11
Cinnamon Gulch Mine Seep and Adit Discharge Samples
Total Metals - Manganese Sample Concentrations
All Concentrations in ug/l
Figure 12
Cinnamon Gulch Mine Seep and Adit Discharge Samples
Total Metals - Zinc Sample Concentrations
All Concentrations in ug/l

Legend
Mine Waste Seeps and Adit Water Total Metals
Zinc
- <590
- 590 - 5,000
- 5,000 - 7,000
- 7,000 - 10,700
- 10,700 - 47,200
Cinnamon Gulch Boundary

Zinc Standards
DW Standard - 5,000 ug/l
Acute Env. - 120 ug/l
Chronic Env. - 120 ug/l
Figure 13
Cinnamon Gulch Mine Seep and Adit Discharge Samples
Dissolved Metals - Cadmium Sample Concentrations
All Concentrations in ug/l

Legend
- Cinnamon Gulch Boundary
- Mine Waste Seeps and Adit Water Dissolved Metals
  - Cadmium
    - <2.0
    - 2.0 - 5.0
    - 5.0 - 10.0
    - 10.0 - 100
    - 100 - 485

Cadmium Standards
- DW Standard - 5.0 ug/l
- Acute Env. - 2.0 ug/l
- Chronic Env. - 0.25 ug/l
Figure 14
Cinnamon Gulch Mine Seep and Adit Discharge Samples
Dissolved Metals - Copper Sample Concentrations
All Concentrations in ug/l

Legend
Mine Waste Seeps and Adit Water Dissolved Metals
Copper
- <25
- 25 - 50
- 50 - 100
- 100 - 1,000
- 1,000 - 9,580

Copper Standards
DW Standard - 50 ug/l
Acute Env. - 13 ug/l
Chronic Env. - 9 ug/l

Cinnamon Gulch Boundary
Figure 15
Cinnamon Gulch Mine Seep and Adit Discharge Samples
Dissolved Metals - Manganese Sample Concentrations
All Concentrations in ug/l

Legend
Mine Waste Seeps and Adit Water Dissolved Metals
Manganese
- <1500
- 1,500 - 5,000
- 5,000 - 14,000
- 14,000 - 20,000
- 20,000 - 62,900

Manganese Standards
DW Standard - 50 ug/l
Acute Env. - NA
Chronic Env. - NA

Cinnamon Gulch Boundary
Figure 16
Cinnamon Gulch Mine Seep and Adit Discharge Samples
Dissolved Metals - Zinc Sample Concentrations
All Concentrations in ug/l