GR-SED-11
GR11-01S
GR11-01U
GR-SW-11
GR11

GR-SED-10
GR10-01S
GR10-01U
GR-SW-10
GR10

GR-SED-09
GR09-01S
GR09-01U
GR-SW-09
GR09

GR-SED-08
GR08-01S
GR08-01U
GR-SW-08
GR08

GR-REF-01S
GR-REF-01U
GRREF01

Former Kennecott Smelter

UP-01-SED-0

Last Chance Basin

Kennecott Ave Wash

Active Smelter Stack

ASARCO Hayden Smelter

Active Tailings Pipeline

San Pedro Wash

UPA-01-SED-0

GR-SED-01
GR01-01S
GR01-01U
GR-SW-01
GR01

SR77-01-SED-0

EUP04

H-1

H-2A

TPA-07-SED-0

EUP05

GR16-01S
GR16

UPA-04-SED-1

GR-SED-02
GR-SW-02
GR02

GR2-01S
GR2-01U

H-10

H-5

GR-SED-07
GR-SW-07
GR07

SD-01-SED-0

SDD-01-SED-0

SDD-02-SED-0

SDD-03-SED-0

GR-SED-03
GR03-01S
GR03-01U
GR-SW-03
GR03

TAILINGS
IMPOUNDMENT AB-BC

UPA-07-SED-0

GR15-01S
GR15

Tailings Pipeline

Power House Wash

GR7-01U

GR7-01S

GR13-01S
GR13

Crusher Facility

Overhead Conveyor

EUP01

GR14

GW-03

GR14-01S

GR12-01S
GR12

TAILINGS
IMPOUNDMENT D

GR4-01S
GR4-01U

GR-SED-04
GR-SW-04
GR04

GR-SED-06
GR06-01S
GR06-01U
GR-SW-06
GR06

GR-SED-05
GR05-01S
GR05-01U
GR-SW-05
GR05

EUP02

SPR1-01S
SPR1-01U

SPR2-01S
SPR2-01U

EUP03

SPR-SED-02
SPR-SW-02
SPR02

SPR-SED-01
SPR-SW-01
SPR01

Crozier Peak

Legend

- Wash Habitat
- Active Tailings Impoundment
- ASARCO Hayden Smelter Boundary
- Former Kennecott Smelter Boundary
- Ecological Risk Assessment (Area of Concern)

ERA Sampling Types

- Groundwater
- Riparian Soils
- Upland Soils
- Ecological Investigation
- Wash Soils
- Ecological Investigation, In-Stream Sediment and Surface Water
- Riparian Soils and Ecological Investigation
- Riparian Soils, Ecological Investigation, In-Stream Sediment, and Surface Water

N
W E
S

0 1,900 3,800 7,600
Feet

FIGURE 2-3
SAMPLING LOCATION MAP
SCREENING-LEVEL ECOLOGICAL RISK ASSESSMENT

ASARCO, LLC Hayden Plant Site
Hayden, Arizona

DRAFT

CH2MHILL

\\PHOENIX\GROUPS\C&IS\GIS_LIBRARY\ASARCO\MAPFILES\RISK_ASSESSMENT\FIGURE2-3_SAMPLINGLOCATIONMAP.MXD CVF 9/4/2007 11:56:53

Legend

Wash Locations

- Kennecott Wash
- Power House Wash
- San Pedro Wash

- Tailings Pipeline - Above Ground
- Tailings Pipeline - Underground
- Railroad
- Road

- Active Tailings Impoundment

N W E S

0 250 500 1,000 Feet

FIGURE 2-4
ASARCO WASH SAMPLING LOCATIONS
SCREENING-LEVEL ECOLOGICAL RISK ASSESSMENT
ASARCO, LLC Hayden Plant Site
Hayden, Arizona
DRAFT
CH2MHILL

\\PHOENIX\GROUPS\C&IS\GIS_LIBRARY\ASARCO\MAPFILES\RISK_ASSESSMENT\FIGURE2-4_ASARCOWASHSAMPLING_LOCATIONS.MXD CVF 8/30/2007 08:34:25

Kennecott Ave Wash
San Pedro Wash
Active Smelter Stack
Active Tailings Pipeline
Power House Wash
Last Chance Basin
TAILINGS IMPOUNDMENT AB-BC
Overhead Conveyor
Tailings Pipeline
Crusher Facility
TAILINGS IMPOUNDMENT D

Legend

- Wash Habitat
- Active Tailings Impoundment
- Ecological Risk Assessment (Area of Concern)
- Upland Habitat
- River Floodplain/Riparian Habitat

N
W E
S

0 1,900 3,800 7,600 Feet

FIGURE 2-5
GENERAL HABITAT MAP
SCREENING-LEVEL ECOLOGICAL RISK ASSESSMENT

ASARCO, LLC Hayden Plant Site
Hayden, Arizona

DRAFT

CH2MHILL

\\PHOENIX\GROUPS\C&IS\GIS_LIBRARY\ASARCO\MAPFILES\RISK_ASSESSMENT\FIGURE2-1_PROJECTSTUDYAREA.MXD CVF 8/31/2007 07:45:03