RS 64
Draft-01
February 7, 2006

Technical Memorandum

To: PolyMet Mining EIS File 23/69-862-006-001

From: John P. Borovsky

Subject: Existing Tailings Basin Water Information (RS64)

Date: February 7, 2006

Introduction

Various types of water quality monitoring have been conducted as part of the Cliffs Erie LLC's (CE's) Hoyt Lakes Tailings Basin Area NPDES/SDS Permit MN 005089 (Permit). This data is provided to the Minnesota Pollution Control Agency (MPCA) in an annual report as specified in the permit. Beginning in 2001, data generated by these activities have been electronically managed and are readily available. This document (RS64) provides a tabulation of tailing basin water quality data for the period of 2001-2005.

Background

On December 29, 2000, LTV Corporation filed for Chapter 11 bankruptcy protection and on January 3, 2001, announced the immediate shut down of LTV Steel Mining Company (LTVSMC). The last tailings were pumped to the Tailings Basin on January 5, 2001. CE purchased the Hoyt Lakes Tailings Basin in October 2001. PolyMet Mining, Inc. purchased the Hoyt Lakes Tailings Basin on November 15, 2005. CE currently remains the permittee with regard to the Permit pending MPCA acting on an associated Permit modification request also made during November 2005.

The Tailings Basin has remained inactive since January 5, 2001, except for continuing reclamation work. The Emergency Basin has also been inactive since shutdown of the plant. The only water received by the Emergency Basin since that time has been seepage from Cell 2W and stormwater. Pumping from the Emergency Basin to the Tailings Basin was discontinued during 2001 and a "T-culvert discharge structure" was installed on the Emergency Basin. The T-culvert discharge structure is designed to prevent any potential petroleum products floating on the surface of the Emergency Basin from being released, while controlling the elevation of water in the Emergency Basin.

Eight (8) ground water (GW) monitoring stations (i.e., wells GW001 through GW008) are included in the Permit. GW002 is considered the background station for the Tailings Basin. The locations of the GW monitoring stations are shown on Figure 1. Three (3) of the wells (GW003, GW004, and GW005) are located within Tailings Basin Cell 2W. The wells installed in Cell 2W were intended to monitor hornfels rock that was placed in the Tailings Basin and covered with tailings during 1993.

As stipulated in the Permit, monitoring of GW stations is performed three (3) times per year during May, July, and October.

Specific seeps are included in the Permit as surface discharge (SD) monitoring stations and waste stream (WS) monitoring stations. SD monitoring stations discharge external to the Tailings Basin system while WS monitoring stations discharge internal (i.e., to the Emergency Basin) to the Tailings Basin. Both SD and WS seep information is presented in this document.

Five (5) SD monitoring stations are included in the Permit, including:

- SD001 – NW Seepage Collection Ditch;
- SD002 – NE Seepage Collection Ditch;
- SD004 – Tailings Basin Cell 2W Seep A;
- SD005 – Tailings Basin Cell 2W Seep A; and
- SD006 – Power Line Access Road Culvert.

There is no station SD003 and SD005 was dry during 2005. All of the Permit designated SD monitoring stations are seeps except for SD006.

Three (3) seeps designated WS monitoring stations are included in the Permit, including:

- WS011 – Tailings Basin Seep 1;
- WS012 – Tailings Basin Seep 2; and
- WS013 – Tailings Basin Seep 3.

The SD and WS monitoring locations are shown in Figure 2.

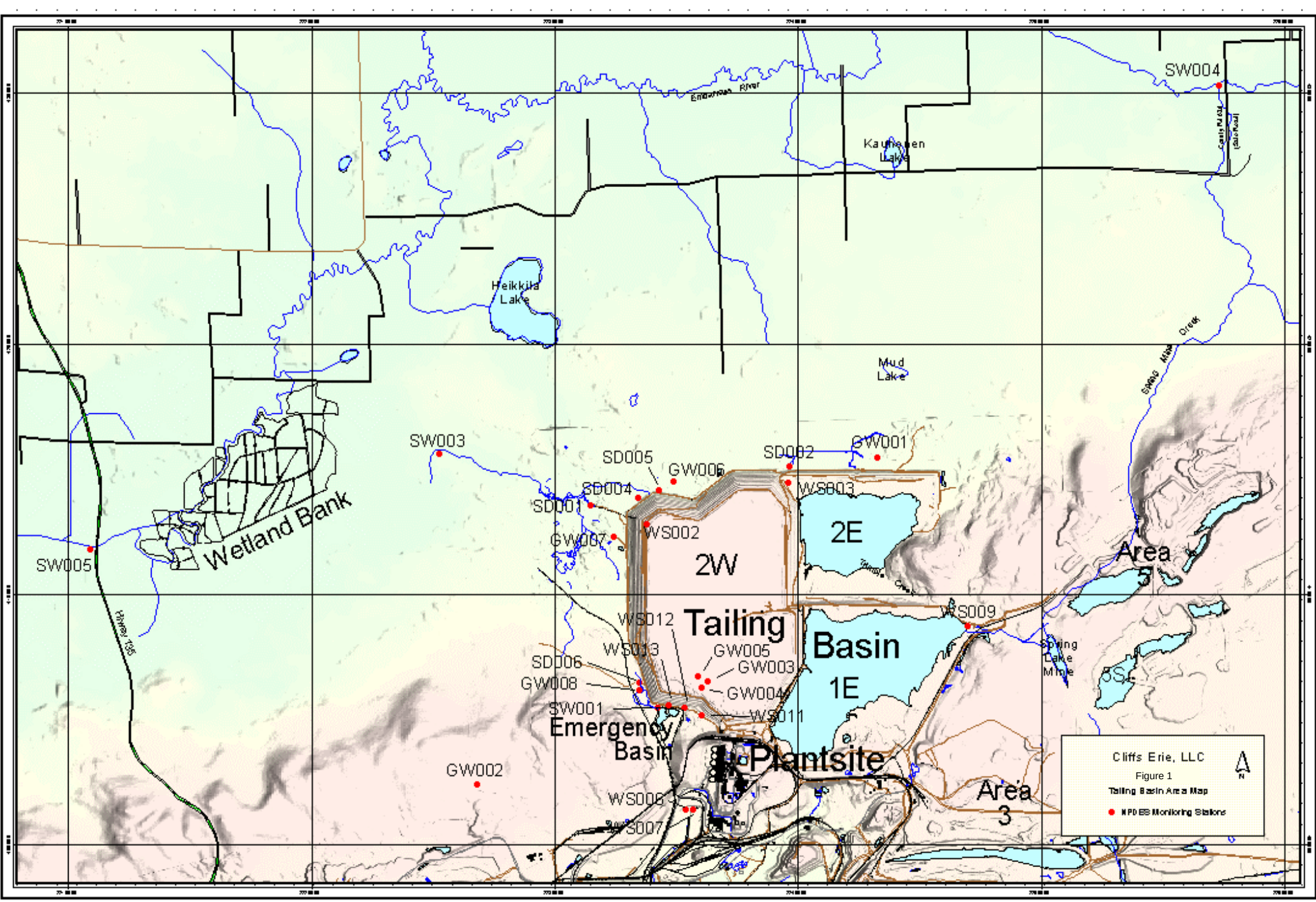
Organization of Spreadsheet

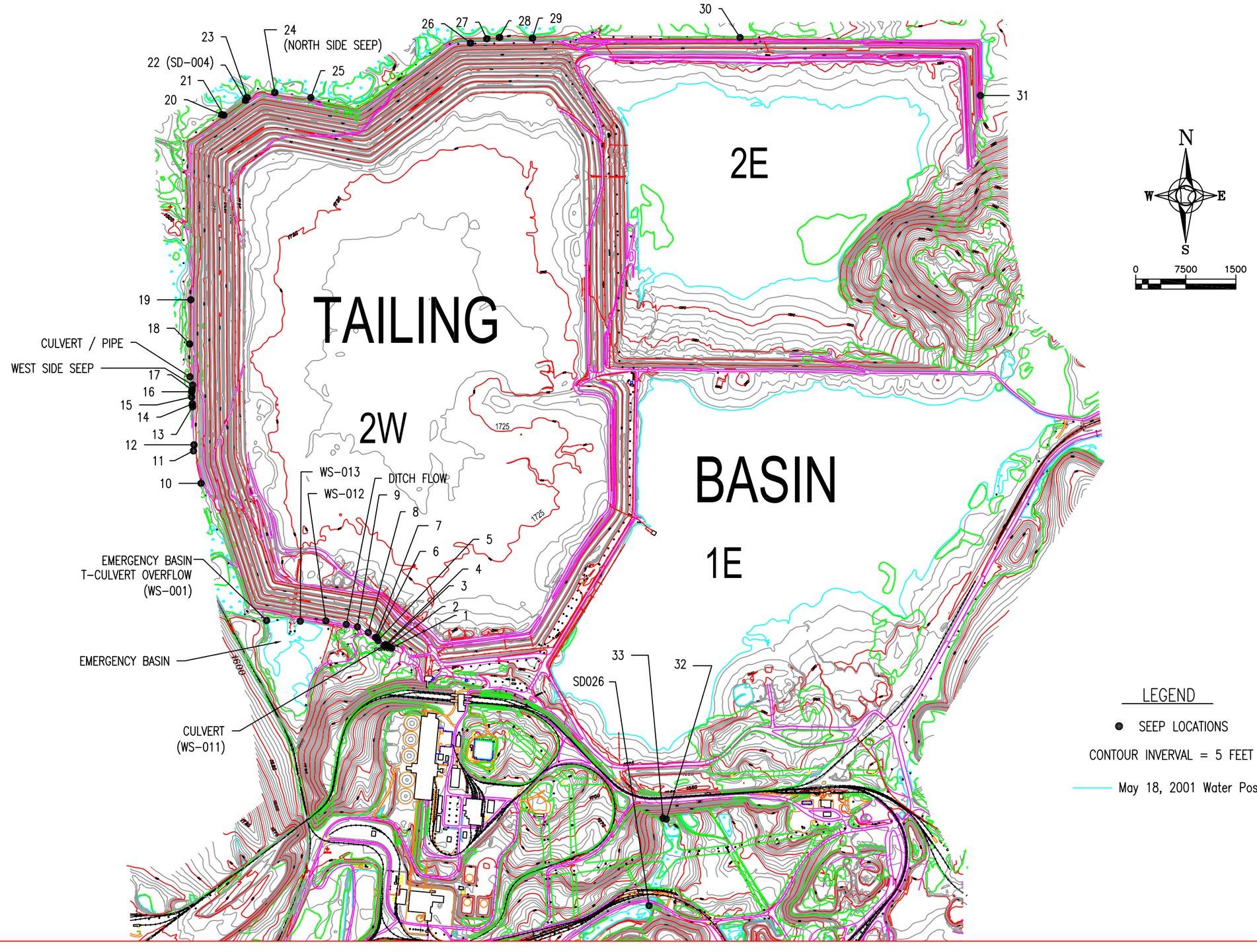
The attached spreadsheet tabulates water quality under the following location codes:

- Cell 1E: represents water quality of pond water in the cell
- Cell 2E: represents water quality of pond water in the cell
- Cell 2W: represents water quality of pond water in the cell
- Emergency Basin: represents water quality of discharge from the emergency basin
- GW-001 through GW-008: represents water quality in groundwater wells
- SD-001 through SD-006: represents water quality in tailings basin seeps
- WS-011 through WS-013: represents water quality in tailings basin seeps
- West Side Seep: represents water quality in tailing basin seep
- SW-003 through SW-004: represents water quality in the Embarrass River

- SW-005: represents water quality in unnamed creek west of the tailings basin
- Wetland-North and Wetland-003: represents water quality in wetlands

The SW monitoring locations are shown in Figure 1 and the wetland monitoring locations are shown in Figure 3.


SW004
Kaunisvaara Lake
Heikkila Lake
Mud Lake
SW003
SW005
Wetland Bank
SD005
GW006
SD004
SD001
GW007
WS002
2W
SD002
GW001
WS003
2E
Area 5
WS009
WS012
Tailing
WS013
GW005
GW003
SD006
GW008
GW004
SW001
WS011
Emergency Basin
Basin 1E
Plantsite
GW002
WS006
WS007
Area 3
Cliffs Erie, LLC
Figure 1
Tailing Basin Area Map
NPDES Monitoring Stations



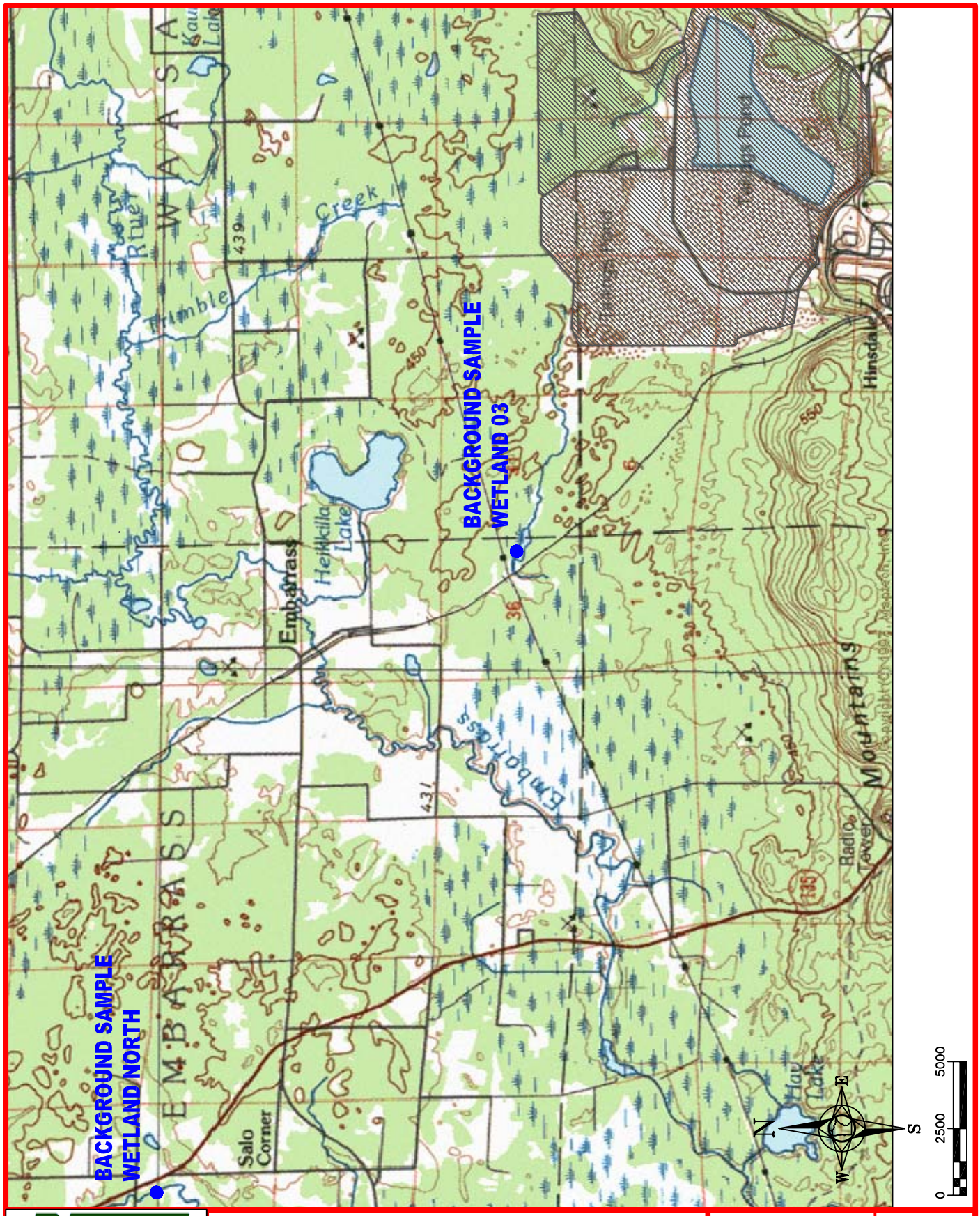
Northeast Technical Services
526 CHESTNUT STREET
VIRGINIA, MN 55792
218-741-4290

DRAWING SOURCE
MARKHURD, #4010416, FROM AERIAL PHOTOGRAPHS TAKEN MAY 18, 2001
HORIZONTAL AND VERTICAL CONTROL FURNISHED BY BENCHMARK ENGINEERING

PROJECT #: 7157A.08
DATE: JANUARY, 2006
DWG. FILE: Fig1 SEEP
SCALE: 1" = 1500'

SEEP LOCATIONS
HOYT LAKES TAILINGS BASIN
POLYMET
HOYT LAKES MINNESOTA

FIGURE
2



Northeast Technical Services
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VOLUNTARY MONITORING – LOW LEVEL MERCURY
HOTY LAKES TAILINGS BASIN
POLYMET

DRAWN BY: LJA	DATE: 1/2006
REVIEWED BY: DLS	DATE: 1/2006
PROJECT #: 7157A.08	
DWG. FILE: vol montr LLHg	
SCALE: 1" = 5000'	FIGURE #: 3

Tailings Basin WQ Data

Location Code	Sample Date	Alkalinity, Bicarb - mg/L	Alkalinity, Total - mg/L	Aluminum, Total (as Al) - ug/L	Antimony, Total (as Sb) - ug/L	Arsenic, Total (as As) - ug/L	Barium, Total (as Ba) - ug/L
Cell 1E	24-Apr-01		206			2.3	
Cell 1E	24-May-01		228			7.1	
Cell 1E	27-Jun-01	235					
Cell 1E	12-Jul-01	190					
Cell 1E	24-Jul-01	250					
Cell 1E	1-Aug-01	254					
Cell 1E	18-Aug-01	193					
Cell 1E	7-Sep-01	207					
Cell 1E	17-Sep-01	207					
Cell 1E	1-Oct-01	234					
Cell 1E	17-Oct-01	186					
Cell 1E	6-Nov-01	288					
Cell 1E	21-Nov-01	276					
Cell 1E	3-Dec-01	276					
Cell 1E	9-Jan-02	306					
Cell 1E	14-Jan-02	308					
Cell 1E	5-Feb-02	336					
Cell 1E	19-Feb-02	304					
Cell 1E	5-Mar-02	384					
Cell 1E	22-Mar-02	330					
Cell 1E	16-Apr-02						
Cell 1E	2-May-02	266					
Cell 1E	6-Jun-02	270					
Cell 1E	17-Jun-02						
Cell 1E	10-Jul-02	238					
Cell 1E	2-Aug-02	185					
Cell 1E	28-Aug-02						
Cell 1E	25-Oct-02	331					
Cell 1E	3-Dec-02	244					
Cell 1E	5-Feb-03	280					
Cell 1E	14-Apr-03						
Cell 1E	22-Apr-03						
Cell 1E	10-Nov-03						
Cell 1E	7-May-04						
Cell 2E	24-Apr-01		250			3.9	
Cell 2E	24-May-01		244			6.8	

Tailings Basin WQ Data

Location Code	Sample Date	Alkalinity, Bicarb - mg/L	Alkalinity, Total - mg/L	Aluminum, Total (as Al) - ug/L	Antimony, Total (as Sb) - ug/L	Arsenic, Total (as As) - ug/L	Barium, Total (as Ba) - ug/L
Cell 2E	27-Jun-01	275					
Cell 2E	12-Jul-01	285					
Cell 2E	24-Jul-01	339					
Cell 2E	1-Aug-01	327					
Cell 2E	18-Aug-01	290					
Cell 2E	7-Sep-01	322					
Cell 2E	17-Sep-01	21					
Cell 2E	1-Oct-01	341					
Cell 2E	6-Nov-01	364					
Cell 2E	21-Nov-01	378					
Cell 2E	3-Dec-01	382					
Cell 2E	9-Jan-02	336					
Cell 2E	5-Mar-02	504					
Cell 2E	22-Mar-02						
Cell 2E	16-Apr-02						
Cell 2E	2-May-02	368					
Cell 2E	6-Jun-02	374					
Cell 2E	17-Jun-02						
Cell 2E	10-Jul-02	340					
Cell 2E	2-Aug-02	310					
Cell 2E	28-Aug-02						
Cell 2E	25-Oct-02	226					
Cell 2E	3-Dec-02	386					
Cell 2E	5-Feb-03	558					
Cell 2E	14-Apr-03						
Cell 2E	22-Apr-03						
Cell 2E	10-Nov-03						
Cell 2E	7-May-04						
Cell 2W	27-Jun-01	280					
Cell 2W	12-Jul-01	215					
Cell 2W	24-Jul-01	308					
Cell 2W	1-Aug-01	202					
Cell 2W	18-Aug-01	223					
Cell 2W	7-Sep-01	274					
Cell 2W	17-Sep-01	266					
Cell 2W	1-Oct-01	288					

Tailings Basin WQ Data

Location Code	Sample Date	Alkalinity, Bicarb - mg/L	Alkalinity, Total - mg/L	Aluminum, Total (as Al) - ug/L	Antimony, Total (as Sb) - ug/L	Arsenic, Total (as As) - ug/L	Barium, Total (as Ba) - ug/L
Cell 2W	10-Jul-02	163					
Cell 2W	2-Aug-02	108					
Emergency Basin	5-Jul-99						
Emergency Basin	14-Apr-00						
Emergency Basin	8-Apr-01						
Emergency Basin	27-Jun-01	220					
Emergency Basin	12-Jul-01	295					
Emergency Basin	24-Jul-01	308					
Emergency Basin	30-Jul-01						
Emergency Basin	1-Aug-01	216					
Emergency Basin	18-Aug-01	235					
Emergency Basin	7-Sep-01	347					
Emergency Basin	17-Sep-01	371					
Emergency Basin	1-Oct-01	375					
Emergency Basin	17-Oct-01	302					
Emergency Basin	6-Nov-01	348					
Emergency Basin	21-Nov-01	366					
Emergency Basin	3-Dec-01	366					
Emergency Basin	18-Dec-01	360					
Emergency Basin	3-Jan-02	356					
Emergency Basin	14-Jan-02	368					
Emergency Basin	5-Feb-02	364					
Emergency Basin	19-Feb-02	364					
Emergency Basin	5-Mar-02	386					
Emergency Basin	22-Mar-02	362					
Emergency Basin	5-Apr-02	312					
Emergency Basin	16-Apr-02						
Emergency Basin	18-Apr-02	238					
Emergency Basin	2-May-02	294					
Emergency Basin	31-May-02	300					
Emergency Basin	6-Jun-02	326					
Emergency Basin	17-Jun-02						
Emergency Basin	19-Jun-02						
Emergency Basin	10-Jul-02	250					
Emergency Basin	11-Jul-02						
Emergency Basin	26-Jul-02	258					

Tailings Basin WQ Data

Location Code	Sample Date	Alkalinity, Bicarb - mg/L	Alkalinity, Total - mg/L	Aluminum, Total (as Al) - ug/L	Antimony, Total (as Sb) - ug/L	Arsenic, Total (as As) - ug/L	Barium, Total (as Ba) - ug/L
Emergency Basin	30-Jul-02						
Emergency Basin	2-Aug-02	230					
Emergency Basin	15-Aug-02	266					
Emergency Basin	28-Aug-02						
Emergency Basin	18-Oct-02	324					
Emergency Basin	21-Oct-02	330					
Emergency Basin	8-Nov-02	380					
Emergency Basin	2-Dec-02	412					
Emergency Basin	2-Jan-03	392					
Emergency Basin	5-Feb-03	376					
Emergency Basin	5-Mar-03	400					
Emergency Basin	2-Apr-03	340					
Emergency Basin	2-May-03						
Emergency Basin	4-Jun-03						
Emergency Basin	9-Jul-03						
Emergency Basin	23-Jul-03						
Emergency Basin	6-Aug-03						
Emergency Basin	8-Sep-03	20.9					
Emergency Basin	11-Sep-03						
Emergency Basin	6-Oct-03	340					
Emergency Basin	10-Nov-03						
Emergency Basin	9-Dec-03						
Emergency Basin	9-Jan-04						
Emergency Basin	13-Feb-04						
Emergency Basin	18-Mar-04						
Emergency Basin	7-Apr-04						
Emergency Basin	7-May-04						
Emergency Basin	11-Jun-04						
Emergency Basin	15-Jul-04						
Emergency Basin	12-Aug-04						
Emergency Basin	13-Sep-04						
Emergency Basin	5-Oct-04						
Emergency Basin	6-Oct-04						
Emergency Basin	2-Nov-04						
Emergency Basin	3-Dec-04						
Emergency Basin	4-Jan-05						

Tailings Basin WQ Data

Location Code	Sample Date	Alkalinity, Bicarb - mg/L	Alkalinity, Total - mg/L	Aluminum, Total (as Al) - ug/L	Antimony, Total (as Sb) - ug/L	Arsenic, Total (as As) - ug/L	Barium, Total (as Ba) - ug/L
Emergency Basin	7-Feb-05						
Emergency Basin	2-Mar-05						
Emergency Basin	1-Apr-05						
Emergency Basin	4-May-05						
Emergency Basin	7-Jun-05						
Emergency Basin	7-Jul-05						
Emergency Basin	3-Aug-05						
Emergency Basin	7-Sep-05						
GW-001	31-Jul-01						
GW-001	29-Oct-01						
GW-001	3-Apr-02						
GW-001	3-May-02						
GW-001	30-Jul-02						
GW-001	31-Jul-02						
GW-001	22-Oct-02						
GW-001	14-Nov-02						
GW-001	4-Apr-03						
GW-001	10-Jul-03						
GW-001	17-Oct-03						
GW-001	10-Nov-03						
GW-001	16-Apr-04						
GW-001	26-Jul-04						
GW-001	22-Oct-04						
GW-001	11-May-05						
GW-001	25-Jul-05						
GW-002	29-Oct-01						
GW-002	30-Oct-01						
GW-002	3-Apr-02						
GW-002	30-Jul-02						
GW-002	21-Oct-02						
GW-002	14-Nov-02						
GW-002	4-Apr-03						
GW-002	10-Jul-03						
GW-002	7-Aug-03						
GW-002	17-Oct-03						
GW-002	16-Apr-04						

Tailings Basin WQ Data

Location Code	Sample Date	Alkalinity, Bicarb - mg/L	Alkalinity, Total - mg/L	Aluminum, Total (as Al) - ug/L	Antimony, Total (as Sb) - ug/L	Arsenic, Total (as As) - ug/L	Barium, Total (as Ba) - ug/L
GW-002	26-Jul-04						
GW-002	22-Oct-04						
GW-002	25-Jul-05						
GW-003	16-Aug-99						
GW-003	15-Nov-99						
GW-003	14-Feb-00						
GW-003	30-May-00						
GW-003	14-Aug-00						
GW-003	28-Nov-00						
GW-003	22-Feb-01						
GW-003	18-Jul-01						
GW-003	30-Jul-01						
GW-003	29-Oct-01						
GW-003	3-Apr-02						
GW-003	23-Apr-02						
GW-003	30-Jul-02						
GW-003	21-Oct-02						
GW-003	14-Nov-02						
GW-004	16-Aug-99						
GW-004	15-Nov-99						
GW-004	14-Feb-00						
GW-004	30-May-00						
GW-004	14-Aug-00						
GW-004	22-Feb-01						
GW-004	31-Jul-01						
GW-004	29-Oct-01						
GW-004	3-Apr-02						
GW-004	23-Apr-02						
GW-004	31-Jul-02						
GW-004	21-Oct-02						
GW-004	14-Nov-02						
GW-004	4-Apr-03						
GW-004	14-Jul-03						
GW-004	17-Oct-03						
GW-004	16-Apr-04						
GW-004	26-Jul-04						

Tailings Basin WQ Data

Location Code	Sample Date	Alkalinity, Bicarb - mg/L	Alkalinity, Total - mg/L	Aluminum, Total (as Al) - ug/L	Antimony, Total (as Sb) - ug/L	Arsenic, Total (as As) - ug/L	Barium, Total (as Ba) - ug/L
GW-004	27-Oct-04						
GW-004	27-Jul-05						
GW-005	16-Aug-99						
GW-005	15-Nov-99						
GW-005	14-Feb-00						
GW-005	30-May-00						
GW-005	14-Aug-00						
GW-005	28-Nov-00						
GW-005	22-Feb-01						
GW-005	18-Jul-01						
GW-005	29-Oct-01						
GW-005	3-Apr-02						
GW-005	23-Apr-02						
GW-005	30-Jul-02						
GW-005	21-Oct-02						
GW-005	14-Nov-02						
GW-005	4-Apr-03						
GW-005	14-Jul-03						
GW-005	17-Oct-03						
GW-005	26-Jul-04						
GW-005	27-Oct-04						
GW-005	27-Jul-05						
GW-006	27-Jun-01	425					
GW-006	18-Jul-01						
GW-006	12-Sep-01						
GW-006	29-Oct-01						
GW-006	30-Oct-01						
GW-006	3-Apr-02						
GW-006	30-Apr-02						
GW-006	30-Jul-02						
GW-006	21-Oct-02						
GW-006	14-Nov-02						
GW-006	4-Apr-03						
GW-006	10-Jul-03						
GW-006	17-Oct-03						
GW-006	16-Apr-04						

Tailings Basin WQ Data

Location Code	Sample Date	Alkalinity, Bicarb - mg/L	Alkalinity, Total - mg/L	Aluminum, Total (as Al) - ug/L	Antimony, Total (as Sb) - ug/L	Arsenic, Total (as As) - ug/L	Barium, Total (as Ba) - ug/L
GW-006	26-Jul-04						
GW-006	9-Aug-04						
GW-006	22-Oct-04						
GW-006	25-Jul-05						
GW-007	18-Jul-01						
GW-007	12-Sep-01						
GW-007	29-Oct-01						
GW-007	30-Oct-01						
GW-007	3-Apr-02						
GW-007	30-Jul-02						
GW-007	21-Oct-02						
GW-007	14-Nov-02						
GW-007	4-Apr-03						
GW-007	10-Jul-03						
GW-007	17-Oct-03						
GW-007	16-Apr-04						
GW-007	26-Jul-04						
GW-007	22-Oct-04						
GW-007	11-May-05						
GW-007	25-Jul-05						
GW-008	18-Jul-01						
GW-008	29-Oct-01						
GW-008	30-Oct-01						
GW-008	3-Apr-02						
GW-008	30-Jul-02						
GW-008	21-Oct-02						
GW-008	14-Nov-02						
GW-008	4-Apr-03						
GW-008	10-Jul-03						
GW-008	17-Oct-03						
GW-008	16-Apr-04						
GW-008	26-Jul-04						
GW-008	22-Oct-04						
GW-008	12-Nov-04						
GW-008	25-Jul-05						
SD-001	25-Aug-99					<2	31.2

Tailings Basin WQ Data

Location Code	Sample Date	Alkalinity, Bicarb - mg/L	Alkalinity, Total - mg/L	Aluminum, Total (as Al) - ug/L	Antimony, Total (as Sb) - ug/L	Arsenic, Total (as As) - ug/L	Barium, Total (as Ba) - ug/L
SD-001	10-Nov-99					<2	22.2
SD-001	17-Feb-00					<2	140
SD-001	18-May-00					<2	36.1
SD-001	17-Aug-00					<2	39.3
SD-001	29-Nov-00					<2	19.7
SD-001	22-Feb-01					<2	26.4
SD-001	6-Jun-01		268				
SD-001	19-Jun-01		294				
SD-001	27-Jun-01	335					
SD-001	6-Jul-01	390					
SD-001	12-Jul-01	330					
SD-001	18-Jul-01	320					
SD-001	24-Jul-01	121					
SD-001	30-Jul-01						
SD-001	1-Aug-01	371					
SD-001	10-Aug-01	360					
SD-001	18-Aug-01	334					
SD-001	23-Aug-01	383					
SD-001	28-Aug-01	409					
SD-001	7-Sep-01	401					
SD-001	12-Sep-01	385					
SD-001	17-Sep-01	382					
SD-001	26-Sep-01	364					
SD-001	1-Oct-01	371					
SD-001	12-Oct-01	318					
SD-001	23-Oct-01	333					
SD-001	6-Nov-01	320					
SD-001	9-Nov-01	314					
SD-001	13-Nov-01	324					
SD-001	21-Nov-01	326					
SD-001	27-Nov-01	294					
SD-001	3-Dec-01	306					
SD-001	12-Dec-01	314					
SD-001	13-Dec-01						
SD-001	18-Dec-01	324					
SD-001	28-Dec-01	350					

Tailings Basin WQ Data

Location Code	Sample Date	Alkalinity, Bicarb - mg/L	Alkalinity, Total - mg/L	Aluminum, Total (as Al) - ug/L	Antimony, Total (as Sb) - ug/L	Arsenic, Total (as As) - ug/L	Barium, Total (as Ba) - ug/L
SD-001	3-Jan-02	360					
SD-001	7-Jan-02	352					
SD-001	14-Jan-02	342					
SD-001	21-Jan-02	350					
SD-001	28-Jan-02	338					
SD-001	5-Feb-02	358					
SD-001	11-Feb-02	342					
SD-001	19-Feb-02	344					
SD-001	25-Feb-02	342					
SD-001	5-Mar-02	382					
SD-001	15-Mar-02	504					
SD-001	27-Mar-02	344					
SD-001	5-Apr-02	328					
SD-001	12-Apr-02	186					
SD-001	16-Apr-02						
SD-001	18-Apr-02	185					
SD-001	23-Apr-02	210					
SD-001	2-May-02	242					
SD-001	17-May-02	265					
SD-001	24-May-02	282					
SD-001	31-May-02	316					
SD-001	6-Jun-02	328					
SD-001	11-Jun-02	330					
SD-001	17-Jun-02						
SD-001	19-Jun-02						
SD-001	27-Jun-02	218					
SD-001	5-Jul-02	312					
SD-001	10-Jul-02	240					
SD-001	20-Jul-02	330					
SD-001	26-Jul-02	284					
SD-001	30-Jul-02						
SD-001	2-Aug-02	228					
SD-001	5-Aug-02	256					
SD-001	15-Aug-02	266					
SD-001	21-Aug-02	275					
SD-001	28-Aug-02						

Tailings Basin WQ Data

Location Code	Sample Date	Alkalinity, Bicarb - mg/L	Alkalinity, Total - mg/L	Aluminum, Total (as Al) - ug/L	Antimony, Total (as Sb) - ug/L	Arsenic, Total (as As) - ug/L	Barium, Total (as Ba) - ug/L
SD-001	18-Oct-02	292					
SD-001	21-Oct-02	294					
SD-001	8-Nov-02	332					
SD-001	2-Dec-02	338					
SD-001	2-Jan-03	362					
SD-001	5-Feb-03	410					
SD-001	5-Mar-03	378					
SD-001	25-Mar-03						
SD-001	2-Apr-03	300					
SD-001	2-May-03						
SD-001	4-Jun-03						
SD-001	18-Jun-03						
SD-001	9-Jul-03						
SD-001	23-Jul-03						
SD-001	6-Aug-03						
SD-001	8-Sep-03						
SD-001	6-Oct-03	290					
SD-001	10-Nov-03						
SD-001	9-Dec-03						
SD-001	9-Jan-04						
SD-001	13-Feb-04						
SD-001	18-Mar-04						
SD-001	7-Apr-04						
SD-001	7-May-04						
SD-001	11-Jun-04						
SD-001	15-Jul-04						
SD-001	12-Aug-04						
SD-001	13-Sep-04						
SD-001	8-Oct-04						
SD-001	2-Nov-04						
SD-001	1-Dec-04						
SD-001	4-Jan-05						
SD-001	7-Feb-05						
SD-001	8-Mar-05		461	<25	<3	2.7	105
SD-001	1-Apr-05						
SD-001	4-May-05						

Tailings Basin WQ Data

Location Code	Sample Date	Alkalinity, Bicarb - mg/L	Alkalinity, Total - mg/L	Aluminum, Total (as Al) - ug/L	Antimony, Total (as Sb) - ug/L	Arsenic, Total (as As) - ug/L	Barium, Total (as Ba) - ug/L
SD-001	7-Jun-05						
SD-001	7-Jul-05						
SD-001	3-Aug-05						
SD-001	7-Sep-05						
SD-001	4-Oct-05						
SD-002	25-Aug-99					<2	76.8
SD-002	10-Nov-99					<2	72.7
SD-002	17-Feb-00					<2	110
SD-002	18-May-00					2.2	67.9
SD-002	17-Aug-00					<2	67.5
SD-002	29-Nov-00					<2	47.4
SD-002	22-Feb-01					<2	51
SD-002	6-Jun-01		500				
SD-002	19-Jun-01		512				
SD-002	27-Jun-01	488					
SD-002	6-Jul-01	460					
SD-002	12-Jul-01	440					
SD-002	18-Jul-01	490					
SD-002	24-Jul-01	627					
SD-002	1-Aug-01	501					
SD-002	10-Aug-01	475					
SD-002	18-Aug-01	497					
SD-002	23-Aug-01	534					
SD-002	28-Aug-01	545					
SD-002	7-Sep-01	550					
SD-002	12-Sep-01	560					
SD-002	17-Sep-01	551					
SD-002	26-Sep-01	549					
SD-002	1-Oct-01	553					
SD-002	12-Oct-01	528					
SD-002	23-Oct-01	536					
SD-002	6-Nov-01	506					
SD-002	9-Nov-01	516					
SD-002	13-Nov-01	526					
SD-002	21-Nov-01	535					
SD-002	27-Nov-01	490					

Tailings Basin WQ Data

Location Code	Sample Date	Alkalinity, Bicarb - mg/L	Alkalinity, Total - mg/L	Aluminum, Total (as Al) - ug/L	Antimony, Total (as Sb) - ug/L	Arsenic, Total (as As) - ug/L	Barium, Total (as Ba) - ug/L
SD-002	3-Dec-01	508					
SD-002	12-Dec-01	506					
SD-002	13-Dec-01						
SD-002	18-Dec-01	508					
SD-002	28-Dec-01	530					
SD-002	3-Jan-02	530					
SD-002	7-Jan-02	550					
SD-002	14-Jan-02	520					
SD-002	21-Jan-02	535					
SD-002	28-Jan-02	516					
SD-002	5-Feb-02	545					
SD-002	11-Feb-02	530					
SD-002	19-Feb-02	504					
SD-002	25-Feb-02	494					
SD-002	5-Mar-02	530					
SD-002	15-Mar-02	492					
SD-002	22-Mar-02	502					
SD-002	27-Mar-02	494					
SD-002	5-Apr-02	472					
SD-002	12-Apr-02	268					
SD-002	16-Apr-02						
SD-002	18-Apr-02	420					
SD-002	23-Apr-02	438					
SD-002	2-May-02	470					
SD-002	17-May-02	468					
SD-002	24-May-02	464					
SD-002	31-May-02	454					
SD-002	6-Jun-02	472					
SD-002	11-Jun-02	464					
SD-002	17-Jun-02						
SD-002	19-Jun-02						
SD-002	27-Jun-02	440					
SD-002	5-Jul-02	470					
SD-002	10-Jul-02	445					
SD-002	20-Jul-02	513					
SD-002	26-Jul-02	430					

Tailings Basin WQ Data

Location Code	Sample Date	Alkalinity, Bicarb - mg/L	Alkalinity, Total - mg/L	Aluminum, Total (as Al) - ug/L	Antimony, Total (as Sb) - ug/L	Arsenic, Total (as As) - ug/L	Barium, Total (as Ba) - ug/L
SD-002	30-Jul-02						
SD-002	2-Aug-02	400					
SD-002	5-Aug-02	485					
SD-002	15-Aug-02	495					
SD-002	21-Aug-02	490					
SD-002	28-Aug-02						
SD-002	18-Oct-02	290					
SD-002	21-Oct-02	414					
SD-002	8-Nov-02	416					
SD-002	2-Dec-02	408					
SD-002	2-Jan-03	448					
SD-002	5-Feb-03	450					
SD-002	5-Mar-03	496					
SD-002	25-Mar-03						
SD-002	2-Apr-03	349					
SD-002	2-May-03						
SD-002	4-Jun-03						
SD-002	18-Jun-03						
SD-002	9-Jul-03						
SD-002	23-Jul-03						
SD-002	6-Aug-03						
SD-002	8-Sep-03						
SD-002	6-Oct-03	430					
SD-002	10-Nov-03						
SD-002	9-Dec-03						
SD-002	9-Jan-04						
SD-002	13-Feb-04						
SD-002	18-Mar-04						
SD-002	6-Apr-04						
SD-002	16-Apr-04						
SD-002	7-May-04						
SD-002	11-Jun-04						
SD-002	15-Jul-04						
SD-002	12-Aug-04						
SD-002	13-Sep-04						
SD-002	8-Oct-04						

Tailings Basin WQ Data

Location Code	Sample Date	Alkalinity, Bicarb - mg/L	Alkalinity, Total - mg/L	Aluminum, Total (as Al) - ug/L	Antimony, Total (as Sb) - ug/L	Arsenic, Total (as As) - ug/L	Barium, Total (as Ba) - ug/L
SD-002	2-Nov-04						
SD-002	1-Dec-04						
SD-002	4-Jan-05						
SD-002	7-Feb-05						
SD-002	8-Mar-05		411	<25	<3	2.7	92
SD-002	1-Apr-05						
SD-002	4-May-05						
SD-002	7-Jun-05						
SD-002	7-Jul-05						
SD-002	3-Aug-05						
SD-002	7-Sep-05						
SD-002	4-Oct-05						
SD-003	15-Oct-02						
SD-004	6-Jun-01		434				
SD-004	12-Sep-01	621					
SD-004	5-Mar-02	430					
SD-004	6-Jun-02	394					
SD-004	17-Jun-02						
SD-004	15-Aug-02						
SD-004	17-Sep-02	386					
SD-004	21-Oct-02						
SD-004	3-Dec-02	392					
SD-004	5-Mar-03	374					
SD-004	2-Apr-03						
SD-004	4-Jun-03						
SD-004	6-Aug-03						
SD-004	8-Sep-03						
SD-004	17-Sep-03						
SD-004	6-Oct-03						
SD-004	9-Dec-03						
SD-004	18-Mar-04						
SD-004	6-Apr-04						
SD-004	16-Apr-04						
SD-004	11-Jun-04						
SD-004	10-Aug-04						
SD-004	13-Sep-04						

Tailings Basin WQ Data

Location Code	Sample Date	Alkalinity, Bicarb - mg/L	Alkalinity, Total - mg/L	Aluminum, Total (as Al) - ug/L	Antimony, Total (as Sb) - ug/L	Arsenic, Total (as As) - ug/L	Barium, Total (as Ba) - ug/L
SD-004	8-Oct-04						
SD-004	1-Dec-04						
SD-004	8-Mar-05		404	<25	<3	5.3	30.2
SD-004	1-Apr-05						
SD-004	7-Jun-05						
SD-004	3-Aug-05						
SD-004	7-Sep-05						
SD-004	4-Oct-05						
SD-006	25-Aug-99					<2	27.4
SD-006	10-Nov-99					<2	21.3
SD-006	17-Feb-00					<2	62.6
SD-006	18-May-00					<2	14.3
SD-006	17-Aug-00					<2	36
SD-006	29-Nov-00					<2	20.6
SD-006	22-Feb-01					3.3	76.4
SD-006	6-Jun-01		230				
SD-006	18-Jun-01						
SD-006	20-Jun-01						
SD-006	22-Jun-01						
SD-006	12-Sep-01	369					
SD-006	23-Oct-01						
SD-006	6-Nov-01						
SD-006	21-Nov-01						
SD-006	3-Dec-01						
SD-006	13-Dec-01	356					
SD-006	3-Jan-02						
SD-006	21-Jan-02						
SD-006	5-Feb-02						
SD-006	19-Feb-02						
SD-006	5-Mar-02	380					
SD-006	22-Mar-02						
SD-006	5-Apr-02						
SD-006	16-Apr-02						
SD-006	2-May-02						
SD-006	31-May-02						
SD-006	6-Jun-02	310					

Tailings Basin WQ Data

Location Code	Sample Date	Alkalinity, Bicarb - mg/L	Alkalinity, Total - mg/L	Aluminum, Total (as Al) - ug/L	Antimony, Total (as Sb) - ug/L	Arsenic, Total (as As) - ug/L	Barium, Total (as Ba) - ug/L
SD-006	17-Jun-02						
SD-006	19-Jun-02						
SD-006	10-Jul-02						
SD-006	11-Jul-02						
SD-006	26-Jul-02						
SD-006	2-Aug-02						
SD-006	15-Aug-02						
SD-006	28-Aug-02						
SD-006	16-Sep-02	300					
SD-006	17-Sep-02						
SD-006	21-Oct-02						
SD-006	2-Dec-02	402					
SD-006	2-Jan-03						
SD-006	5-Feb-03						
SD-006	5-Mar-03	386					
SD-006	2-Apr-03						
SD-006	2-May-03						
SD-006	4-Jun-03						
SD-006	23-Jul-03						
SD-006	6-Aug-03						
SD-006	15-Sep-03						
SD-006	17-Sep-03						
SD-006	19-Sep-03						
SD-006	6-Oct-03						
SD-006	10-Nov-03						
SD-006	9-Dec-03						
SD-006	13-Feb-04						
SD-006	18-Mar-04						
SD-006	7-Apr-04						
SD-006	11-Jun-04						
SD-006	15-Jul-04						
SD-006	10-Aug-04						
SD-006	20-Sep-04						
SD-006	22-Sep-04						
SD-006	24-Sep-04						
SD-006	27-Sep-04						

Tailings Basin WQ Data

Location Code	Sample Date	Alkalinity, Bicarb - mg/L	Alkalinity, Total - mg/L	Aluminum, Total (as Al) - ug/L	Antimony, Total (as Sb) - ug/L	Arsenic, Total (as As) - ug/L	Barium, Total (as Ba) - ug/L
SD-006	8-Oct-04						
SD-006	1-Dec-04						
SD-006	4-Jan-05						
SD-006	7-Feb-05						
SD-006	8-Feb-05						
SD-006	8-Mar-05		416	<25	<3	4.6	21.7
SD-006	1-Apr-05						
SD-006	7-Jun-05						
SD-006	3-Aug-05						
SD-006	11-Sep-05						
SD-006	13-Sep-05						
SD-006	15-Sep-05						
SD-006	4-Oct-05						
SW-003	6-Jun-01						
SW-003	12-Sep-01						
SW-003	13-Dec-01						
SW-003	5-Mar-02						
SW-003	6-Jun-02						
SW-003	17-Sep-02						
SW-003	21-Oct-02						
SW-003	3-Dec-02						
SW-003	17-Dec-02						
SW-003	5-Mar-03						
SW-003	3-Apr-03						
SW-003	6-Jun-03						
SW-003	11-Aug-03						
SW-003	8-Sep-03						
SW-003	8-Oct-03						
SW-003	10-Dec-03						
SW-003	18-Mar-04						
SW-003	28-Apr-04						
SW-003	11-Jun-04						
SW-003	14-Sep-04						
SW-003	6-Oct-04						
SW-003	1-Dec-04						
SW-003	2-Mar-05						

Tailings Basin WQ Data

Location Code	Sample Date	Alkalinity, Bicarb - mg/L	Alkalinity, Total - mg/L	Aluminum, Total (as Al) - ug/L	Antimony, Total (as Sb) - ug/L	Arsenic, Total (as As) - ug/L	Barium, Total (as Ba) - ug/L
SW-003	29-Apr-05						
SW-003	7-Jun-05						
SW-003	4-Aug-05						
SW-003	7-Sep-05						
SW-004	6-Jun-01						
SW-004	18-Jun-01						
SW-004	20-Jun-01						
SW-004	22-Jun-01						
SW-004	27-Jun-01	30					
SW-004	12-Jul-01	30					
SW-004	24-Jul-01	83					
SW-004	30-Jul-01						
SW-004	1-Aug-01	87					
SW-004	18-Aug-01	45					
SW-004	7-Sep-01	50					
SW-004	17-Sep-01	89					
SW-004	1-Oct-01	101					
SW-004	17-Oct-01						
SW-004	6-Nov-01						
SW-004	21-Nov-01						
SW-004	3-Dec-01						
SW-004	18-Dec-01						
SW-004	3-Jan-02						
SW-004	7-Jan-02						
SW-004	14-Jan-02						
SW-004	15-Jan-02						
SW-004	5-Feb-02						
SW-004	19-Feb-02						
SW-004	5-Mar-02						
SW-004	22-Mar-02						
SW-004	5-Apr-02						
SW-004	18-Apr-02						
SW-004	2-May-02						
SW-004	31-May-02						
SW-004	6-Jun-02						
SW-004	19-Jun-02						

Tailings Basin WQ Data

Location Code	Sample Date	Alkalinity, Bicarb - mg/L	Alkalinity, Total - mg/L	Aluminum, Total (as Al) - ug/L	Antimony, Total (as Sb) - ug/L	Arsenic, Total (as As) - ug/L	Barium, Total (as Ba) - ug/L
SW-004	10-Jul-02						
SW-004	26-Jul-02						
SW-004	30-Jul-02						
SW-004	2-Aug-02						
SW-004	15-Aug-02						
SW-004	28-Aug-02						
SW-004	16-Sep-02	64					
SW-004	17-Sep-02						
SW-004	21-Oct-02	26					
SW-004	8-Nov-02	34					
SW-004	3-Dec-02	50					
SW-004	2-Jan-03	64					
SW-004	5-Feb-03	112					
SW-004	5-Mar-03	118					
SW-004	25-Mar-03						
SW-004	3-Apr-03	33					
SW-004	2-May-03						
SW-004	6-Jun-03						
SW-004	18-Jun-03						
SW-004	9-Jul-03						
SW-004	23-Jul-03						
SW-004	11-Aug-03						
SW-004	15-Sep-03						
SW-004	8-Oct-03	30					
SW-004	11-Nov-03						
SW-004	10-Dec-03						
SW-004	9-Jan-04						
SW-004	16-Feb-04						
SW-004	18-Mar-04						
SW-004	8-Apr-04						
SW-004	7-May-04						
SW-004	11-Jun-04						
SW-004	15-Jul-04						
SW-004	12-Aug-04						
SW-004	14-Sep-04						
SW-004	20-Sep-04						

Tailings Basin WQ Data

Location Code	Sample Date	Alkalinity, Bicarb - mg/L	Alkalinity, Total - mg/L	Aluminum, Total (as Al) - ug/L	Antimony, Total (as Sb) - ug/L	Arsenic, Total (as As) - ug/L	Barium, Total (as Ba) - ug/L
SW-004	5-Oct-04						
SW-004	2-Nov-04						
SW-004	1-Dec-04						
SW-004	4-Jan-05						
SW-004	7-Feb-05						
SW-004	2-Mar-05						
SW-004	29-Apr-05						
SW-004	4-May-05						
SW-004	7-Jun-05						
SW-004	7-Jul-05						
SW-004	3-Aug-05						
SW-004	12-Sep-05						
SW-005	6-Jun-01						
SW-005	27-Jun-01	72					
SW-005	12-Jul-01	85					
SW-005	24-Jul-01	83					
SW-005	30-Jul-01						
SW-005	1-Aug-01	107					
SW-005	18-Aug-01	47					
SW-005	7-Sep-01	88					
SW-005	17-Sep-01	94					
SW-005	1-Oct-01	117					
SW-005	17-Oct-01						
SW-005	6-Nov-01						
SW-005	21-Nov-01						
SW-005	3-Dec-01						
SW-005	18-Dec-01						
SW-005	3-Jan-02						
SW-005	7-Jan-02						
SW-005	14-Jan-02						
SW-005	15-Jan-02						
SW-005	5-Feb-02						
SW-005	19-Feb-02						
SW-005	5-Mar-02						
SW-005	22-Mar-02						
SW-005	5-Apr-02						

Tailings Basin WQ Data

Location Code	Sample Date	Alkalinity, Bicarb - mg/L	Alkalinity, Total - mg/L	Aluminum, Total (as Al) - ug/L	Antimony, Total (as Sb) - ug/L	Arsenic, Total (as As) - ug/L	Barium, Total (as Ba) - ug/L
SW-005	18-Apr-02						
SW-005	2-May-02						
SW-005	31-May-02						
SW-005	6-Jun-02						
SW-005	19-Jun-02						
SW-005	10-Jul-02						
SW-005	11-Jul-02						
SW-005	26-Jul-02						
SW-005	30-Jul-02						
SW-005	2-Aug-02						
SW-005	15-Aug-02						
SW-005	28-Aug-02						
SW-005	16-Sep-02	134					
SW-005	17-Sep-02						
SW-005	21-Oct-02	66					
SW-005	8-Nov-02	92					
SW-005	3-Dec-02	130					
SW-005	2-Jan-03	178					
SW-005	5-Feb-03	184					
SW-005	5-Mar-03	268					
SW-005	3-Apr-03	122					
SW-005	2-May-03						
SW-005	6-Jun-03						
SW-005	10-Jul-03						
SW-005	11-Aug-03						
SW-005	8-Sep-03	142					
SW-005	8-Oct-03	60					
SW-005	11-Nov-03						
SW-005	10-Dec-03						
SW-005	9-Jan-04						
SW-005	16-Feb-04						
SW-005	18-Mar-04						
SW-005	8-Apr-04						
SW-005	7-May-04						
SW-005	11-Jun-04						
SW-005	15-Jul-04						

Tailings Basin WQ Data

Location Code	Sample Date	Alkalinity, Bicarb - mg/L	Alkalinity, Total - mg/L	Aluminum, Total (as Al) - ug/L	Antimony, Total (as Sb) - ug/L	Arsenic, Total (as As) - ug/L	Barium, Total (as Ba) - ug/L
SW-005	12-Aug-04						
SW-005	14-Sep-04						
SW-005	5-Oct-04						
SW-005	2-Nov-04						
SW-005	1-Dec-04						
SW-005	4-Jan-05						
SW-005	7-Feb-05						
SW-005	2-Mar-05						
SW-005	29-Apr-05						
SW-005	4-May-05						
SW-005	7-Jun-05						
SW-005	7-Jul-05						
SW-005	3-Aug-05						
SW-005	7-Sep-05						
West Side Seep	27-Jun-01						
West Side Seep	12-Jul-01	390					
West Side Seep	24-Jul-01	467					
West Side Seep	1-Aug-01	467					
West Side Seep	18-Aug-01	425					
West Side Seep	7-Sep-01	438					
West Side Seep	17-Sep-01	446					
West Side Seep	1-Oct-01	438					
West Side Seep	6-Nov-01	412					
West Side Seep	21-Nov-01	460					
West Side Seep	3-Dec-01	410					
West Side Seep	3-Jan-02	396					
West Side Seep	5-Mar-02	378					
West Side Seep	16-Apr-02						
West Side Seep	2-May-02	390					
West Side Seep	6-Jun-02	384					
West Side Seep	17-Jun-02						
West Side Seep	10-Jul-02	405					
West Side Seep	11-Jul-02						
West Side Seep	2-Aug-02	392					
West Side Seep	28-Aug-02						
West Side Seep	21-Oct-02	396					

Tailings Basin WQ Data

Location Code	Sample Date	Alkalinity, Bicarb - mg/L	Alkalinity, Total - mg/L	Aluminum, Total (as Al) - ug/L	Antimony, Total (as Sb) - ug/L	Arsenic, Total (as As) - ug/L	Barium, Total (as Ba) - ug/L
West Side Seep	2-Dec-02	416					
West Side Seep	5-Feb-03	410					
West Side Seep	2-Apr-03	406					
West Side Seep	3-Apr-03						
West Side Seep	4-Jun-03						
West Side Seep	6-Aug-03						
West Side Seep	6-Oct-03	397					
West Side Seep	9-Dec-03						
West Side Seep	13-Feb-04						
West Side Seep	6-Apr-04						
West Side Seep	11-Jun-04						
West Side Seep	12-Aug-04						
West Side Seep	5-Oct-04						
West Side Seep	25-Feb-05						
West Side Seep	1-Apr-05						
Wetland - 003	18-Jun-02						
Wetland - 003	3-Apr-03						
Wetland - 003	6-Jun-03						
Wetland - 003	11-Aug-03						
Wetland - 003	8-Oct-03						
Wetland - 003	28-Apr-04						
Wetland - 003	11-Jun-04						
Wetland - 003	12-Aug-04						
Wetland - 003	6-Oct-04						
Wetland - 003	29-Apr-05						
Wetland - 003	7-Jun-05						
Wetland - 003	4-Aug-05						
Wetland - North	18-Jun-02						
Wetland - North	3-Apr-03						
Wetland - North	6-Jun-03						
Wetland - North	11-Aug-03						
Wetland - North	8-Oct-03						
Wetland - North	8-Apr-04						
Wetland - North	11-Jun-04						
Wetland - North	12-Aug-04						
Wetland - North	6-Oct-04						

Tailings Basin WQ Data

Location Code	Sample Date	Alkalinity, Bicarb - mg/L	Alkalinity, Total - mg/L	Aluminum, Total (as Al) - ug/L	Antimony, Total (as Sb) - ug/L	Arsenic, Total (as As) - ug/L	Barium, Total (as Ba) - ug/L
Wetland - North	29-Apr-05						
Wetland - North	4-Aug-05						
WS-011	25-Aug-99						
WS-011	10-Nov-99						
WS-011	17-Feb-00						
WS-011	18-May-00						
WS-011	17-Aug-00						
WS-011	29-Nov-00						
WS-011	22-Feb-01						
WS-011	30-Jul-01						
WS-011	6-Nov-01						
WS-011	5-Apr-02						
WS-011	10-Jul-02						
WS-011	11-Jul-02						
WS-011	30-Jul-02						
WS-011	28-Aug-02						
WS-011	21-Oct-02						
WS-011	3-Apr-03						
WS-011	9-Jul-03						
WS-011	6-Oct-03						
WS-011	7-Apr-04						
WS-011	15-Jul-04						
WS-011	1-Apr-05						
WS-012	25-Aug-99						
WS-012	10-Nov-99						
WS-012	17-Feb-00						
WS-012	18-May-00						
WS-012	17-Aug-00						
WS-012	29-Nov-00						
WS-012	22-Feb-01						
WS-012	30-Jul-01						
WS-012	6-Nov-01						
WS-012	5-Apr-02						
WS-012	10-Jul-02						
WS-012	11-Jul-02						
WS-012	30-Jul-02						

Tailings Basin WQ Data

Location Code	Sample Date	Alkalinity, Bicarb - mg/L	Alkalinity, Total - mg/L	Aluminum, Total (as Al) - ug/L	Antimony, Total (as Sb) - ug/L	Arsenic, Total (as As) - ug/L	Barium, Total (as Ba) - ug/L
WS-012	28-Aug-02						
WS-012	21-Oct-02						
WS-012	3-Apr-03						
WS-012	9-Jul-03						
WS-012	6-Oct-03						
WS-012	7-Apr-04						
WS-012	15-Jul-04						
WS-012	1-Apr-05						
WS-013	25-Aug-99						
WS-013	10-Nov-99						
WS-013	17-Feb-00						
WS-013	18-May-00						
WS-013	17-Aug-00						
WS-013	29-Nov-00						
WS-013	22-Feb-01						
WS-013	27-Jun-01	362					
WS-013	12-Jul-01	305					
WS-013	24-Jul-01	369					
WS-013	1-Aug-01	369					
WS-013	18-Aug-01	339					
WS-013	7-Sep-01	368					
WS-013	17-Sep-01	365					
WS-013	1-Oct-01	365					
WS-013	6-Nov-01	360					
WS-013	3-Dec-01	370					
WS-013	3-Jan-02	374					
WS-013	5-Feb-02	376					
WS-013	5-Mar-02	384					
WS-013	5-Apr-02	402					
WS-013	16-Apr-02						
WS-013	2-May-02	410					
WS-013	31-May-02						
WS-013	6-Jun-02	420					
WS-013	17-Jun-02						
WS-013	10-Jul-02	430					
WS-013	11-Jul-02						

Tailings Basin WQ Data

Location Code	Sample Date	Alkalinity, Bicarb - mg/L	Alkalinity, Total - mg/L	Aluminum, Total (as Al) - ug/L	Antimony, Total (as Sb) - ug/L	Arsenic, Total (as As) - ug/L	Barium, Total (as Ba) - ug/L
WS-013	2-Aug-02	426					
WS-013	15-Aug-02						
WS-013	28-Aug-02						
WS-013	18-Oct-02	489					
WS-013	21-Oct-02	508					
WS-013	8-Nov-02	535					
WS-013	2-Dec-02	542					
WS-013	2-Jan-03	575					
WS-013	5-Feb-03	562					
WS-013	5-Mar-03	604					
WS-013	2-Apr-03	560					
WS-013	3-Apr-03						
WS-013	25-Apr-03						
WS-013	2-May-03						
WS-013	4-Jun-03						
WS-013	9-Jul-03						
WS-013	6-Aug-03						
WS-013	8-Sep-03	564					
WS-013	6-Oct-03	554					
WS-013	10-Nov-03						
WS-013	9-Dec-03						
WS-013	9-Jan-04						
WS-013	13-Feb-04						
WS-013	18-Mar-04						
WS-013	7-Apr-04						
WS-013	7-May-04						
WS-013	11-Jun-04						
WS-013	15-Jul-04						
WS-013	13-Sep-04						
WS-013	8-Oct-04						
WS-013	2-Nov-04						
WS-013	3-Dec-04						
WS-013	4-Jan-05						
WS-013	7-Feb-05						
WS-013	2-Mar-05						
WS-013	1-Apr-05						

Tailings Basin WQ Data

Location Code	Sample Date	Alkalinity, Bicarb - mg/L	Alkalinity, Total - mg/L	Aluminum, Total (as Al) - ug/L	Antimony, Total (as Sb) - ug/L	Arsenic, Total (as As) - ug/L	Barium, Total (as Ba) - ug/L
WS-013	4-May-05						

Tailings Basin WQ Data

Location Code	Beryllium, Total (as Be) - ug/L	BOD, 05 Day (20 Deg C) - mg/L	BOD, Carbonaceous 05 Day (20 D - mg/L	Boron, Dissolved (as B) - ug/L	Boron, Total (as B) - ug/L	Cadmium, Total (as Cd) - ug/L	Calcium, Total (as Ca) - mg/L	Carbon, Total Organic (TOC) - mg/L
Cell 1E					199		19.7	
Cell 1E					207		23.9	
Cell 1E					185		19.8	
Cell 1E					198		21.2	
Cell 1E					200		21	
Cell 1E					199		19.9	
Cell 1E					193		19.2	
Cell 1E					245		21.2	
Cell 1E					263		25.6	
Cell 1E					263		24.8	
Cell 1E					228		25	
Cell 1E					247		27.6	
Cell 1E					258		30.5	
Cell 1E					241		26.7	
Cell 1E					269		36.6	
Cell 1E					254		30.2	
Cell 1E					270		33.8	
Cell 1E					294		34.1	
Cell 1E					328		39.1	
Cell 1E					319		35.7	
Cell 1E								
Cell 1E					194		31.8	
Cell 1E					441		35.2	
Cell 1E								
Cell 1E					222		20.6	
Cell 1E					205		17.9	
Cell 1E								
Cell 1E					337		27.6	
Cell 1E					269		20.5	
Cell 1E					267		22.6	
Cell 1E								
Cell 1E								
Cell 1E					208		13.4	
Cell 1E					183		17.7	
Cell 2E					220		31.8	
Cell 2E					203		24	

Tailings Basin WQ Data

Location Code	Beryllium, Total (as Be) - ug/L	BOD, 05 Day (20 Deg C) - mg/L	BOD, Carbonaceous 05 Day (20 D - mg/L	Boron, Dissolved (as B) - ug/L	Boron, Total (as B) - ug/L	Cadmium, Total (as Cd) - ug/L	Calcium, Total (as Ca) - mg/L	Carbon, Total Organic (TOC) - mg/L
Cell 2E					219		31.2	
Cell 2E					256		35.4	
Cell 2E					257		35.6	
Cell 2E					268		30.1	
Cell 2E					255		26.7	
Cell 2E					348		32.2	
Cell 2E					343		33.3	
Cell 2E					351		33.4	
Cell 2E					322		36.1	
Cell 2E					332		40.6	
Cell 2E					292		34.6	
Cell 2E					392		44.7	
Cell 2E					461		60.3	
Cell 2E								
Cell 2E								
Cell 2E					230		43.7	
Cell 2E					411		43.9	
Cell 2E								
Cell 2E					326		27.3	
Cell 2E					283		23.4	
Cell 2E								
Cell 2E					206		17.6	
Cell 2E					331		32.3	
Cell 2E					450		54	
Cell 2E								
Cell 2E								
Cell 2E					310		13.2	
Cell 2E					216		23.3	
Cell 2W					349		32.1	
Cell 2W					162		16.6	
Cell 2W					421		27.5	
Cell 2W					380		25.1	
Cell 2W					348		19.3	
Cell 2W					517		26	
Cell 2W					502		25.1	
Cell 2W					536		24.6	

Tailings Basin WQ Data

Location Code	Beryllium, Total (as Be) - ug/L	BOD, 05 Day (20 Deg C) - mg/L	BOD, Carbonaceous 05 Day (20 D - mg/L	Boron, Dissolved (as B) - ug/L	Boron, Total (as B) - ug/L	Cadmium, Total (as Cd) - ug/L	Calcium, Total (as Ca) - mg/L	Carbon, Total Organic (TOC) - mg/L
Cell 2W					292		15.1	
Cell 2W					195		12.7	
Emergency Basin								
Emergency Basin								
Emergency Basin								
Emergency Basin		2.5			252		32.2	
Emergency Basin			<2		448		54.2	
Emergency Basin			<2		341		45	
Emergency Basin								
Emergency Basin			<2		283		30.3	
Emergency Basin			<2		224		38.8	
Emergency Basin			<2		437		41.6	
Emergency Basin			<2		448		65.1	
Emergency Basin			<2		487		65	
Emergency Basin			<2		357		57.2	
Emergency Basin			<2		385		60.9	
Emergency Basin			<2		412		65.1	
Emergency Basin			<2		405		56.9	
Emergency Basin			2.4		366		59.8	
Emergency Basin			<2		382		63.1	
Emergency Basin			<2		385		61.6	
Emergency Basin			<2		385		61.5	
Emergency Basin			<2		394		59.1	
Emergency Basin			<2		446		66.5	
Emergency Basin			<2		428		58.6	
Emergency Basin			<2		382		39.3	
Emergency Basin								
Emergency Basin			<2		263		49.9	
Emergency Basin			2.8		272		52.3	
Emergency Basin			5.6		394		67	
Emergency Basin			2.8		404		45.1	
Emergency Basin								
Emergency Basin			3.3		415		42.5	
Emergency Basin					270		38.2	
Emergency Basin								
Emergency Basin					371		40	

Tailings Basin WQ Data

Location Code	Beryllium, Total (as Be) - ug/L	BOD, 05 Day (20 Deg C) - mg/L	BOD, Carbonaceous 05 Day (20 D - mg/L	Boron, Dissolved (as B) - ug/L	Boron, Total (as B) - ug/L	Cadmium, Total (as Cd) - ug/L	Calcium, Total (as Ca) - mg/L	Carbon, Total Organic (TOC) - mg/L
Emergency Basin								
Emergency Basin			2.3		245		41.5	
Emergency Basin					335		39.9	
Emergency Basin								
Emergency Basin					374		61.8	
Emergency Basin					376		57.9	
Emergency Basin					349		64.2	
Emergency Basin					457		71.5	
Emergency Basin					416		67.3	
Emergency Basin					417		65.9	
Emergency Basin					428		65.2	
Emergency Basin					346		56.7	
Emergency Basin					294		48.6	
Emergency Basin					388		44.3	
Emergency Basin					373		40.3	
Emergency Basin								
Emergency Basin					392		38.9	
Emergency Basin					400		34.5	
Emergency Basin								
Emergency Basin					339		50.5	
Emergency Basin					388		58	
Emergency Basin					380		61.8	
Emergency Basin					430			
Emergency Basin					368		59.7	
Emergency Basin					406		62.6	
Emergency Basin					171		33.3	
Emergency Basin					312		46.4	
Emergency Basin					306		34.7	
Emergency Basin					385		31.8	
Emergency Basin					311		36.2	
Emergency Basin					282		37.3	
Emergency Basin					306		43.8	
Emergency Basin								
Emergency Basin					254		43.1	
Emergency Basin					377		60.6	
Emergency Basin					365		61.4	

Tailings Basin WQ Data

Location Code	Beryllium, Total (as Be) - ug/L	BOD, 05 Day (20 Deg C) - mg/L	BOD, Carbonaceous 05 Day (20 D - mg/L	Boron, Dissolved (as B) - ug/L	Boron, Total (as B) - ug/L	Cadmium, Total (as Cd) - ug/L	Calcium, Total (as Ca) - mg/L	Carbon, Total Organic (TOC) - mg/L
Emergency Basin					388		60.1	
Emergency Basin					367		64.2	
Emergency Basin					136		30.4	
Emergency Basin					322		48.5	
Emergency Basin					289		40.3	
Emergency Basin					385		41.5	
Emergency Basin					462		43.1	
Emergency Basin					423		43.7	
GW-001					274			
GW-001				231				
GW-001				195				
GW-001				273				
GW-001								
GW-001					223			
GW-001					276			
GW-001								
GW-001					231			
GW-001					88.6			
GW-001					317			
GW-001					274			
GW-001					244			
GW-001					205			
GW-001					258			
GW-001								
GW-001					244			
GW-002								
GW-002				<35				
GW-002				<35				
GW-002					<35			
GW-002					<35			
GW-002								
GW-002					<35			
GW-002					283			
GW-002					<35			
GW-002					95.4			
GW-002					40			

Tailings Basin WQ Data

Location Code	Beryllium, Total (as Be) - ug/L	BOD, 05 Day (20 Deg C) - mg/L	BOD, Carbonaceous 05 Day (20 D - mg/L	Boron, Dissolved (as B) - ug/L	Boron, Total (as B) - ug/L	Cadmium, Total (as Cd) - ug/L	Calcium, Total (as Ca) - mg/L	Carbon, Total Organic (TOC) - mg/L
GW-002					43.1			
GW-002					<35			
GW-002					<35			
GW-003							77.5	
GW-003							52.2	
GW-003							3.5	
GW-003							2.1	
GW-003							3.2	
GW-003							64.1	
GW-003							3.6	
GW-003								
GW-003								
GW-003								
GW-003								
GW-003								
GW-003								
GW-003								
GW-003								
GW-004							14	
GW-004							50.9	
GW-004							41.8	
GW-004							3.5	
GW-004							5.5	
GW-004							4.9	
GW-004					470			
GW-004								
GW-004								
GW-004								
GW-004								
GW-004								
GW-004								
GW-004								
GW-004								
GW-004								
GW-004								
GW-004								

Tailings Basin WQ Data

Location Code	Beryllium, Total (as Be) - ug/L	BOD, 05 Day (20 Deg C) - mg/L	BOD, Carbonaceous 05 Day (20 D - mg/L	Boron, Dissolved (as B) - ug/L	Boron, Total (as B) - ug/L	Cadmium, Total (as Cd) - ug/L	Calcium, Total (as Ca) - mg/L	Carbon, Total Organic (TOC) - mg/L
GW-004								
GW-004								
GW-005							43	
GW-005							50.2	
GW-005							4.9	
GW-005							5.2	
GW-005							1.3	
GW-005							62.4	
GW-005							3	
GW-005								
GW-005								
GW-005								
GW-005								
GW-005								
GW-005								
GW-005								
GW-005								
GW-005								
GW-005								
GW-005								
GW-005								
GW-005								
GW-006					501		69.9	
GW-006				357				
GW-006				471				
GW-006								
GW-006				446				
GW-006				477				
GW-006								
GW-006					473			
GW-006					509			
GW-006								
GW-006					471			
GW-006					492			
GW-006					588			
GW-006					384			

Tailings Basin WQ Data

Location Code	Beryllium, Total (as Be) - ug/L	BOD, 05 Day (20 Deg C) - mg/L	BOD, Carbonaceous 05 Day (20 D - mg/L	Boron, Dissolved (as B) - ug/L	Boron, Total (as B) - ug/L	Cadmium, Total (as Cd) - ug/L	Calcium, Total (as Ca) - mg/L	Carbon, Total Organic (TOC) - mg/L
GW-006					419			
GW-006								
GW-006					470			
GW-006					449			
GW-007				380				
GW-007				418				
GW-007								
GW-007				362				
GW-007				380				
GW-007					365			
GW-007					363			
GW-007								
GW-007					380			
GW-007					380			
GW-007					553			
GW-007					341			
GW-007					363			
GW-007					380			
GW-007								
GW-007					357			
GW-008				<35				
GW-008								
GW-008				<35				
GW-008				<35				
GW-008					<35			
GW-008					36.9			
GW-008								
GW-008					<35			
GW-008					<35			
GW-008					81.3			
GW-008					<35			
GW-008					<35			
GW-008					44.3			
GW-008								
GW-008					<35			
SD-001							54	

Tailings Basin WQ Data

Location Code	Beryllium, Total (as Be) - ug/L	BOD, 05 Day (20 Deg C) - mg/L	BOD, Carbonaceous 05 Day (20 D - mg/L	Boron, Dissolved (as B) - ug/L	Boron, Total (as B) - ug/L	Cadmium, Total (as Cd) - ug/L	Calcium, Total (as Ca) - mg/L	Carbon, Total Organic (TOC) - mg/L
SD-001							50.9	
SD-001							98.9	
SD-001							57.4	
SD-001							55.4	
SD-001							48.4	
SD-001							56.2	
SD-001					312		41.1	
SD-001					343		42.4	
SD-001					342		46	
SD-001					346		47.9	
SD-001					387		55.4	
SD-001					398		47.4	
SD-001					373		52	
SD-001								
SD-001					376		48.4	
SD-001					375		50.4	
SD-001					336		46.7	
SD-001					372		53.3	
SD-001					403		55.3	
SD-001					430		56.2	
SD-001					391		58	
SD-001					416		58.1	
SD-001					321		53.5	
SD-001					421		49.9	
SD-001					311		43.5	
SD-001					313		45.5	
SD-001					342		51.3	
SD-001					355		52.2	
SD-001					340		53.6	
SD-001					360		56.9	
SD-001					300		48.6	
SD-001					308		49.9	
SD-001					315		52.3	
SD-001								
SD-001					316		50.1	
SD-001					356		57.5	

Tailings Basin WQ Data

Location Code	Beryllium, Total (as Be) - ug/L	BOD, 05 Day (20 Deg C) - mg/L	BOD, Carbonaceous 05 Day (20 D - mg/L	Boron, Dissolved (as B) - ug/L	Boron, Total (as B) - ug/L	Cadmium, Total (as Cd) - ug/L	Calcium, Total (as Ca) - mg/L	Carbon, Total Organic (TOC) - mg/L
SD-001					359		56.9	
SD-001					421		62.8	
SD-001					353		54.9	
SD-001					371		59.3	
SD-001					413		53.5	
SD-001					366		57.2	
SD-001					348		55.1	
SD-001					388		56.1	
SD-001					437		57.2	
SD-001					423		64.2	
SD-001					631		63.3	
SD-001					410		57.2	
SD-001					408		53.7	
SD-001					242		41.4	
SD-001								
SD-001					252		33	
SD-001					249		35.8	
SD-001					307		40.7	
SD-001					340		47.3	
SD-001					386		50.3	
SD-001					411		53.9	
SD-001					378		52.2	
SD-001					408		51.6	
SD-001								
SD-001								
SD-001					282		37.8	
SD-001					336		46.7	
SD-001					299		35.1	
SD-001					351		46.5	
SD-001					333		43.5	
SD-001								
SD-001					279		34.4	
SD-001					288		39	
SD-001					320		40.5	
SD-001					309		40.5	
SD-001								

Tailings Basin WQ Data

Location Code	Beryllium, Total (as Be) - ug/L	BOD, 05 Day (20 Deg C) - mg/L	BOD, Carbonaceous 05 Day (20 D - mg/L	Boron, Dissolved (as B) - ug/L	Boron, Total (as B) - ug/L	Cadmium, Total (as Cd) - ug/L	Calcium, Total (as Ca) - mg/L	Carbon, Total Organic (TOC) - mg/L
SD-001					300		51.3	
SD-001					286		46.8	
SD-001					290		57.1	
SD-001					381		60.1	
SD-001					364		62.2	
SD-001					286		79.3	
SD-001					402		73.1	
SD-001								
SD-001					258		48.2	
SD-001					303		44.4	
SD-001					361		58.2	
SD-001								
SD-001					356		48	
SD-001								
SD-001					398		49.2	
SD-001					404		57.3	
SD-001					299		52.2	
SD-001					291		53	
SD-001					303		50.9	
SD-001					337		63.4	
SD-001					321		60.3	
SD-001					384		70.8	
SD-001					186		27.4	
SD-001					306		44.7	
SD-001					364		48.8	
SD-001					423		56.5	
SD-001					377		55.5	
SD-001					399		61.6	
SD-001					309		53.5	
SD-001					288		50	
SD-001					115		52.6	
SD-001					291		62.7	
SD-001					280		49.5	
SD-001	<0.2	<2			308	<0.2	108	1.7
SD-001					197		34.5	
SD-001					259		47.2	

Tailings Basin WQ Data

Location Code	Beryllium, Total (as Be) - ug/L	BOD, 05 Day (20 Deg C) - mg/L	BOD, Carbonaceous 05 Day (20 D - mg/L	Boron, Dissolved (as B) - ug/L	Boron, Total (as B) - ug/L	Cadmium, Total (as Cd) - ug/L	Calcium, Total (as Ca) - mg/L	Carbon, Total Organic (TOC) - mg/L
SD-001					371		54.4	
SD-001					412		61	
SD-001					408		58.4	
SD-001					386		66.1	
SD-001								
SD-002							67.7	
SD-002							67.9	
SD-002							71	
SD-002							72.3	
SD-002							71	
SD-002							82.6	
SD-002							79.1	
SD-002					452		74.9	
SD-002					470		73.3	
SD-002					452		68.1	
SD-002					447		66.2	
SD-002					467		54.6	
SD-002					462		68	
SD-002					450		46.9	
SD-002					436		63	
SD-002					471		69.6	
SD-002					422		65.3	
SD-002					464		78	
SD-002					506		82.8	
SD-002					517		79.6	
SD-002					501		87.8	
SD-002					481		88.3	
SD-002					428		82.5	
SD-002					507		79.1	
SD-002					399		76.2	
SD-002					398		77.1	
SD-002					406		79.5	
SD-002					416		84.5	
SD-002					417		85.5	
SD-002					436		93.5	
SD-002					377		77.1	

Tailings Basin WQ Data

Location Code	Beryllium, Total (as Be) - ug/L	BOD, 05 Day (20 Deg C) - mg/L	BOD, Carbonaceous 05 Day (20 D - mg/L	Boron, Dissolved (as B) - ug/L	Boron, Total (as B) - ug/L	Cadmium, Total (as Cd) - ug/L	Calcium, Total (as Ca) - mg/L	Carbon, Total Organic (TOC) - mg/L
SD-002					372		76.3	
SD-002					395		80.9	
SD-002								
SD-002					360		75.5	
SD-002					365		78.8	
SD-002					372		78.2	
SD-002					426		92.4	
SD-002					419		81.4	
SD-002					405		82.6	
SD-002					472		77.3	
SD-002					273		33.8	
SD-002					400		79.6	
SD-002					435		76.4	
SD-002					416		77.9	
SD-002					474		81	
SD-002					485		75.7	
SD-002					460		73.4	
SD-002					447		76.7	
SD-002					398		72	
SD-002					143		35	
SD-002								
SD-002					397		67.6	
SD-002					378		70	
SD-002					498		73.1	
SD-002					421		74.2	
SD-002					417		73.5	
SD-002					463		71.9	
SD-002					459		63.8	
SD-002					452		66.5	
SD-002								
SD-002								
SD-002					481		70	
SD-002					444		64.2	
SD-002					452		57.9	
SD-002					451		73.5	
SD-002					424		64	

Tailings Basin WQ Data

Location Code	Beryllium, Total (as Be) - ug/L	BOD, 05 Day (20 Deg C) - mg/L	BOD, Carbonaceous 05 Day (20 D - mg/L	Boron, Dissolved (as B) - ug/L	Boron, Total (as B) - ug/L	Cadmium, Total (as Cd) - ug/L	Calcium, Total (as Ca) - mg/L	Carbon, Total Organic (TOC) - mg/L
SD-002								
SD-002					412		64.8	
SD-002					425		77.6	
SD-002					451		81.3	
SD-002					436		70.2	
SD-002								
SD-002					294		49.2	
SD-002					323		66.1	
SD-002					322		67.2	
SD-002					338		66.2	
SD-002					385		68.6	
SD-002					382		68.4	
SD-002					412		76.5	
SD-002								
SD-002					453		84.9	
SD-002					340		66.8	
SD-002					390		67.2	
SD-002								
SD-002					398		68.9	
SD-002								
SD-002					435		66.4	
SD-002					391		57.9	
SD-002					351		59.7	
SD-002					324		59.5	
SD-002					286		54.5	
SD-002					372		68.8	
SD-002					304		57.1	
SD-002					306		60.6	
SD-002					84.8		17.5	
SD-002								
SD-002					325		54.7	
SD-002					366		58.3	
SD-002					372		57.6	
SD-002					379		54.8	
SD-002					382		56.7	
SD-002					349		57.2	

Tailings Basin WQ Data

Location Code	Beryllium, Total (as Be) - ug/L	BOD, 05 Day (20 Deg C) - mg/L	BOD, Carbonaceous 05 Day (20 D - mg/L	Boron, Dissolved (as B) - ug/L	Boron, Total (as B) - ug/L	Cadmium, Total (as Cd) - ug/L	Calcium, Total (as Ca) - mg/L	Carbon, Total Organic (TOC) - mg/L
SD-002					308		52.8	
SD-002					324		58.2	
SD-002					295		58.1	
SD-002					311		66.1	
SD-002	<0.2	<2			293	<0.2	60.5	5.2
SD-002					262		49.7	
SD-002					317		57.5	
SD-002					343		61.6	
SD-002					363		59.1	
SD-002					485		60.8	
SD-002					448		64.1	
SD-002								
SD-003								
SD-004					566		71.9	
SD-004					529		115	
SD-004					633			
SD-004					615			
SD-004								
SD-004								
SD-004					609		64.7	
SD-004								
SD-004					612			
SD-004					572			
SD-004								
SD-004					522			
SD-004								
SD-004					543		59.3	
SD-004								
SD-004								
SD-004					511			
SD-004					567			
SD-004								
SD-004								
SD-004					492			
SD-004								
SD-004					510		66.2	

Tailings Basin WQ Data

Location Code	Beryllium, Total (as Be) - ug/L	BOD, 05 Day (20 Deg C) - mg/L	BOD, Carbonaceous 05 Day (20 D - mg/L	Boron, Dissolved (as B) - ug/L	Boron, Total (as B) - ug/L	Cadmium, Total (as Cd) - ug/L	Calcium, Total (as Ca) - mg/L	Carbon, Total Organic (TOC) - mg/L
SD-004								
SD-004					528			
SD-004	<0.2	<2			491	<0.2	69.7	1.7
SD-004								
SD-004					521			
SD-004								
SD-004					520		72.1	
SD-004								
SD-006							28.3	
SD-006							41.8	
SD-006							44.8	
SD-006							9.23	
SD-006							41.7	
SD-006							16.6	
SD-006							36.7	
SD-006					284		26.7	
SD-006								
SD-006							30.7	
SD-006							29.3	
SD-006					426		39.1	
SD-006								
SD-006								
SD-006								
SD-006								
SD-006					383			
SD-006								
SD-006								
SD-006								
SD-006								
SD-006					406			
SD-006								
SD-006								
SD-006								
SD-006								
SD-006								
SD-006					436			

Tailings Basin WQ Data

Location Code	Beryllium, Total (as Be) - ug/L	BOD, 05 Day (20 Deg C) - mg/L	BOD, Carbonaceous 05 Day (20 D - mg/L	Boron, Dissolved (as B) - ug/L	Boron, Total (as B) - ug/L	Cadmium, Total (as Cd) - ug/L	Calcium, Total (as Ca) - mg/L	Carbon, Total Organic (TOC) - mg/L
SD-006								
SD-006								
SD-006								
SD-006								
SD-006								
SD-006								
SD-006								
SD-006								
SD-006					415		42.4	
SD-006								
SD-006								
SD-006					445		67.6	
SD-006							65.9	
SD-006							64.7	
SD-006					426			
SD-006								
SD-006							45.6	
SD-006					383			
SD-006							31.3	
SD-006								
SD-006					342		35.1	
SD-006							37.7	
SD-006							37.8	
SD-006								
SD-006								
SD-006					362			
SD-006							58.8	
SD-006					392		59.6	
SD-006								
SD-006					265		34.3	
SD-006								
SD-006								
SD-006					262		36.4	
SD-006							36.2	
SD-006							36.9	
SD-006								

Tailings Basin WQ Data

Location Code	Beryllium, Total (as Be) - ug/L	BOD, 05 Day (20 Deg C) - mg/L	BOD, Carbonaceous 05 Day (20 D - mg/L	Boron, Dissolved (as B) - ug/L	Boron, Total (as B) - ug/L	Cadmium, Total (as Cd) - ug/L	Calcium, Total (as Ca) - mg/L	Carbon, Total Organic (TOC) - mg/L
SD-006								
SD-006					364		54.5	
SD-006								
SD-006								
SD-006								
SD-006	<0.2	<2			365	<0.2	63.7	2.6
SD-006								
SD-006					278			
SD-006								
SD-006					483		44.8	
SD-006							41.6	
SD-006							44.2	
SD-006								
SW-003								
SW-003								
SW-003								
SW-003								
SW-003								
SW-003								
SW-003								
SW-003								
SW-003								
SW-003								
SW-003								
SW-003								
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SW-003								
SW-003								
SW-003								
SW-003								
SW-003								
SW-003								
SW-003								
SW-003								
SW-003								

Tailings Basin WQ Data

Location Code	Beryllium, Total (as Be) - ug/L	BOD, 05 Day (20 Deg C) - mg/L	BOD, Carbonaceous 05 Day (20 D - mg/L	Boron, Dissolved (as B) - ug/L	Boron, Total (as B) - ug/L	Cadmium, Total (as Cd) - ug/L	Calcium, Total (as Ca) - mg/L	Carbon, Total Organic (TOC) - mg/L
SW-003								
SW-003								
SW-003								
SW-003								
SW-004								
SW-004								
SW-004							8.8	
SW-004							8.8	
SW-004					39.5		9.8	
SW-004					<35		16.8	
SW-004					46.5		18.1	
SW-004								
SW-004					56		18.1	
SW-004					<35		10.1	
SW-004					<35		15.6	
SW-004					<35		21.3	
SW-004					58.1		18.9	
SW-004								
SW-004								
SW-004								
SW-004								
SW-004								
SW-004								
SW-004								
SW-004								
SW-004								
SW-004								
SW-004								
SW-004								
SW-004								
SW-004								
SW-004								
SW-004								
SW-004								
SW-004								
SW-004								

Tailings Basin WQ Data

Location Code	Beryllium, Total (as Be) - ug/L	BOD, 05 Day (20 Deg C) - mg/L	BOD, Carbonaceous 05 Day (20 D - mg/L	Boron, Dissolved (as B) - ug/L	Boron, Total (as B) - ug/L	Cadmium, Total (as Cd) - ug/L	Calcium, Total (as Ca) - mg/L	Carbon, Total Organic (TOC) - mg/L
SW-004								
SW-004								
SW-004								
SW-004								
SW-004								
SW-004								
SW-004							19.8	
SW-004								
SW-004								
SW-004								
SW-004								
SW-004								
SW-004								
SW-004								
SW-004								
SW-004								
SW-004								
SW-004								
SW-004								
SW-004								
SW-004								
SW-004								
SW-004								
SW-004							13.7	
SW-004								
SW-004								
SW-004								
SW-004								
SW-004								
SW-004								
SW-004								
SW-004								
SW-004								
SW-004								
SW-004								
SW-004								
SW-004								
SW-004								
SW-004							11.4	

Tailings Basin WQ Data

Location Code	Beryllium, Total (as Be) - ug/L	BOD, 05 Day (20 Deg C) - mg/L	BOD, Carbonaceous 05 Day (20 D - mg/L	Boron, Dissolved (as B) - ug/L	Boron, Total (as B) - ug/L	Cadmium, Total (as Cd) - ug/L	Calcium, Total (as Ca) - mg/L	Carbon, Total Organic (TOC) - mg/L
SW-004								
SW-004								
SW-004								
SW-004								
SW-004								
SW-004								
SW-004								
SW-004								
SW-004								
SW-004								
SW-004								
SW-004							29.9	
SW-005								
SW-005					46.1		15.7	
SW-005					57.9		23.4	
SW-005					60.1		18.9	
SW-005								
SW-005					75.8		20.3	
SW-005					<35		10.1	
SW-005					49.4		21.8	
SW-005					35.5		23.2	
SW-005					91.7		20.9	
SW-005								
SW-005								
SW-005								
SW-005								
SW-005								
SW-005								
SW-005								
SW-005								
SW-005								
SW-005								
SW-005								
SW-005								
SW-005								
SW-005								
SW-005								

Tailings Basin WQ Data

Location Code	Beryllium, Total (as Be) - ug/L	BOD, 05 Day (20 Deg C) - mg/L	BOD, Carbonaceous 05 Day (20 D - mg/L	Boron, Dissolved (as B) - ug/L	Boron, Total (as B) - ug/L	Cadmium, Total (as Cd) - ug/L	Calcium, Total (as Ca) - mg/L	Carbon, Total Organic (TOC) - mg/L
SW-005								
SW-005								
SW-005								
SW-005								
SW-005								
SW-005								
SW-005								
SW-005								
SW-005								
SW-005								
SW-005								
SW-005								
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SW-005								

Tailings Basin WQ Data

Location Code	Beryllium, Total (as Be) - ug/L	BOD, 05 Day (20 Deg C) - mg/L	BOD, Carbonaceous 05 Day (20 D - mg/L	Boron, Dissolved (as B) - ug/L	Boron, Total (as B) - ug/L	Cadmium, Total (as Cd) - ug/L	Calcium, Total (as Ca) - mg/L	Carbon, Total Organic (TOC) - mg/L
SW-005								
SW-005								
SW-005								
SW-005								
SW-005								
SW-005								
SW-005								
SW-005								
SW-005								
SW-005								
SW-005								
SW-005								
SW-005								
SW-005								
SW-005								
West Side Seep								
West Side Seep					515		57.6	
West Side Seep					504		63.5	
West Side Seep					500		58.1	
West Side Seep					500		60.2	
West Side Seep					523		47.3	
West Side Seep					546		67	
West Side Seep					576		57.6	
West Side Seep					504		57.1	
West Side Seep					514		59.8	
West Side Seep					509		56.2	
West Side Seep					442		49.7	
West Side Seep					491		55.4	
West Side Seep								
West Side Seep					483		58.4	
West Side Seep					526		62.3	
West Side Seep								
West Side Seep					502		57.8	
West Side Seep								
West Side Seep					503		60	
West Side Seep								
West Side Seep					503		69.8	

Tailings Basin WQ Data

Location Code	Beryllium, Total (as Be) - ug/L	BOD, 05 Day (20 Deg C) - mg/L	BOD, Carbonaceous 05 Day (20 D - mg/L	Boron, Dissolved (as B) - ug/L	Boron, Total (as B) - ug/L	Cadmium, Total (as Cd) - ug/L	Calcium, Total (as Ca) - mg/L	Carbon, Total Organic (TOC) - mg/L
West Side Seep					559		73.5	
West Side Seep					481		71.3	
West Side Seep					464		67	
West Side Seep								
West Side Seep					508		79.8	
West Side Seep					555		77.8	
West Side Seep					468		71.8	
West Side Seep					474		69.8	
West Side Seep					456		73.3	
West Side Seep					455		72.1	
West Side Seep								
West Side Seep					552		77.2	
West Side Seep					503		77	
West Side Seep					496		79.9	
West Side Seep					461		76.1	
Wetland - 003								
Wetland - 003								
Wetland - 003								
Wetland - 003								
Wetland - 003								
Wetland - 003								
Wetland - 003								
Wetland - 003								
Wetland - 003								
Wetland - 003								
Wetland - 003								
Wetland - 003								
Wetland - North								
Wetland - North								
Wetland - North								
Wetland - North								
Wetland - North								
Wetland - North								
Wetland - North								
Wetland - North								
Wetland - North								

Tailings Basin WQ Data

Location Code	Beryllium, Total (as Be) - ug/L	BOD, 05 Day (20 Deg C) - mg/L	BOD, Carbonaceous 05 Day (20 D - mg/L	Boron, Dissolved (as B) - ug/L	Boron, Total (as B) - ug/L	Cadmium, Total (as Cd) - ug/L	Calcium, Total (as Ca) - mg/L	Carbon, Total Organic (TOC) - mg/L
Wetland - North								
Wetland - North								
WS-011							88.3	
WS-011							79.5	
WS-011							80.9	
WS-011							46.6	
WS-011							77.9	
WS-011							89.2	
WS-011							84.6	
WS-011								
WS-011								
WS-011								
WS-011								
WS-011								
WS-011								
WS-011								
WS-011								
WS-011								
WS-011								
WS-011								
WS-011								
WS-011								
WS-011								
WS-012							43.9	
WS-012							47.1	
WS-012							44.3	
WS-012							46.8	
WS-012							44.1	
WS-012							46.9	
WS-012							46.2	
WS-012								
WS-012								
WS-012								
WS-012								
WS-012								
WS-012								

Tailings Basin WQ Data

Location Code	Beryllium, Total (as Be) - ug/L	BOD, 05 Day (20 Deg C) - mg/L	BOD, Carbonaceous 05 Day (20 D - mg/L	Boron, Dissolved (as B) - ug/L	Boron, Total (as B) - ug/L	Cadmium, Total (as Cd) - ug/L	Calcium, Total (as Ca) - mg/L	Carbon, Total Organic (TOC) - mg/L
WS-012								
WS-012								
WS-012								
WS-012								
WS-012								
WS-012								
WS-012								
WS-012								
WS-013							48.9	
WS-013							49.2	
WS-013							44.6	
WS-013							48.1	
WS-013							45.1	
WS-013							48.8	
WS-013							49.7	
WS-013					416		44.1	
WS-013					448		47.3	
WS-013					435		46.8	
WS-013					445		44.6	
WS-013					430		44	
WS-013					500		50.5	
WS-013					510		51.2	
WS-013					536		48.5	
WS-013					464		50.1	
WS-013					426		46.9	
WS-013					428		46.2	
WS-013					440		48.3	
WS-013					486		50.8	
WS-013					505		52	
WS-013								
WS-013					557		56.7	
WS-013								
WS-013					480		55.7	
WS-013								
WS-013					474		52.8	
WS-013								

Tailings Basin WQ Data

Location Code	Beryllium, Total (as Be) - ug/L	BOD, 05 Day (20 Deg C) - mg/L	BOD, Carbonaceous 05 Day (20 D - mg/L	Boron, Dissolved (as B) - ug/L	Boron, Total (as B) - ug/L	Cadmium, Total (as Cd) - ug/L	Calcium, Total (as Ca) - mg/L	Carbon, Total Organic (TOC) - mg/L
WS-013					477		66.2	
WS-013								
WS-013								
WS-013					488		75.2	
WS-013					490		69.7	
WS-013					413		73.1	
WS-013					564		74.4	
WS-013					489		78.3	
WS-013					468		77.2	
WS-013					513		82.5	
WS-013					276		60.3	
WS-013								
WS-013								
WS-013					485		83.9	
WS-013					461		85.8	
WS-013					461		88.6	
WS-013					444		68.3	
WS-013					441		69.7	
WS-013					474		91.1	
WS-013					394		84	
WS-013					404		94.4	
WS-013					420		107	
WS-013					369		101	
WS-013					396		103	
WS-013					374		100	
WS-013					391		93.6	
WS-013					382		93.1	
WS-013					414		73.3	
WS-013					378		82.5	
WS-013					337			
WS-013					347		89.5	
WS-013					346		114	
WS-013					417		57.3	
WS-013					298		90.2	
WS-013					420		86.7	
WS-013					300			

Tailings Basin WQ Data

Location Code	Beryllium, Total (as Be) - ug/L	BOD, 05 Day (20 Deg C) - mg/L	BOD, Carbonaceous 05 Day (20 D - mg/L	Boron, Dissolved (as B) - ug/L	Boron, Total (as B) - ug/L	Cadmium, Total (as Cd) - ug/L	Calcium, Total (as Ca) - mg/L	Carbon, Total Organic (TOC) - mg/L
WS-013					334		95.1	

Tailings Basin WQ Data

Location Code	Cations, Total - meq/L	Chloride, Total - mg/L	ChlorideChloride, Total - mg/L	Chromium, Total (as Cr) - ug/L	Cobalt, Total (as Co) - ug/L	COD (Chemical Oxygen Demand) - mg/L	COD - mg/L	Color - SU
Cell 1E			21.5		<1			
Cell 1E	144		20.6		1			
Cell 1E	141		22.5		1.1			
Cell 1E	154		22		<1			
Cell 1E	151		21.1		<1			
Cell 1E	15.2		21.7		<1			
Cell 1E	13.2		20.4		<1			
Cell 1E	8		21.5		<1			
Cell 1E	8.42		21.5		<1			
Cell 1E	16.2		22.6		<1			
Cell 1E			21.8					
Cell 1E	8.7		21.8		<1			
Cell 1E	9		21.3		<1			
Cell 1E	7.8		21.6		<1			
Cell 1E			24.3					
Cell 1E			24.4					
Cell 1E			24.2					
Cell 1E			26					
Cell 1E	12.2		31.3		<1			
Cell 1E			26.2					
Cell 1E								
Cell 1E	8.5		21.7					
Cell 1E	9.4		21.5					
Cell 1E								
Cell 1E	7.5		18.8					
Cell 1E	7.6		19.1					
Cell 1E								
Cell 1E								
Cell 1E								
Cell 1E								
Cell 1E								
Cell 1E								
Cell 1E								
Cell 1E								
Cell 2E			18.3		<1			
Cell 2E	143		19.9		1.8			

Tailings Basin WQ Data

Location Code	Cations, Total - meq/L	Chloride, Total - mg/L	ChlorideChloride, Total - mg/L	Chromium, Total (as Cr) - ug/L	Cobalt, Total (as Co) - ug/L	COD (Chemical Oxygen Demand) - mg/L	COD - mg/L	Color - SU
Cell 2E	156		20.3		1			
Cell 2E	184		9.9		<1			
Cell 2E	187		21.8		<1			
Cell 2E	19		22.1		<1			
Cell 2E	16.9		21.1		<1			
Cell 2E	10.2		22.4		<1			
Cell 2E	11.3		23.6		<1			
Cell 2E	21.9		24.4		<1			
Cell 2E	11.7		23.4		<1			
Cell 2E	11.8		22.2		<1			
Cell 2E	10.3		23.7		<1			
Cell 2E			32.2					
Cell 2E	16		33.5		<1			
Cell 2E								
Cell 2E								
Cell 2E	11		22.6					
Cell 2E	12		23.6					
Cell 2E								
Cell 2E	11		22					
Cell 2E	10		21.2					
Cell 2E								
Cell 2E								
Cell 2E								
Cell 2E								
Cell 2E								
Cell 2E								
Cell 2E								
Cell 2E								
Cell 2W	189		30.5		<1			
Cell 2W	152		31.5		<1			
Cell 2W	200		36.7		<1			
Cell 2W	19.9		33		<1			
Cell 2W	14.1		27.2		<1			
Cell 2W	11.5		37.2		<1			
Cell 2W	11.4		36		<1			
Cell 2W	22.6		39.2		<1			

Tailings Basin WQ Data

Location Code	Cations, Total - meq/L	Chloride, Total - mg/L	ChlorideChloride, Total - mg/L	Chromium, Total (as Cr) - ug/L	Cobalt, Total (as Co) - ug/L	COD (Chemical Oxygen Demand) - mg/L	COD - mg/L	Color - SU
Cell 2W	6.6		21.6					
Cell 2W	5.2		12.2					
Emergency Basin								
Emergency Basin								
Emergency Basin								
Emergency Basin	157		30.3		<1		11.3	
Emergency Basin	225		36.1		<1		7.5	
Emergency Basin	195		33.5		<1		<1	
Emergency Basin								
Emergency Basin	14		23.1		1.6		7.5	
Emergency Basin	13.3		24.9		<1		15	
Emergency Basin	10.7		34.1		<1		13	
Emergency Basin	13.1		34.8		<1		13	
Emergency Basin	25		35.7		<1		9	
Emergency Basin			34.1				<5	
Emergency Basin	12.2		36		<1		7.5	
Emergency Basin	12.6		32.1		<1		5	
Emergency Basin	11.1		32.4		<1		3.7	
Emergency Basin	11.3		33.4		<1		3.7	
Emergency Basin	11.9		34.2		1		<1	
Emergency Basin			34.5				3.7	
Emergency Basin	12.2		32.8		1.6		7.5	
Emergency Basin			31.9				<5	
Emergency Basin	13.1		35.8		<1		6	
Emergency Basin			33.6				12	
Emergency Basin	11		31.9		1.3		3	
Emergency Basin								
Emergency Basin			22.6				9.8	
Emergency Basin	9.4		24.9		<1		18.8	
Emergency Basin	39.7		34		<1		10	
Emergency Basin	11		37.2		<1		7.5	
Emergency Basin								
Emergency Basin	11		33.7		<1	6		
Emergency Basin	8		22.5				8.2	
Emergency Basin								
Emergency Basin			26.8				3.8	

Tailings Basin WQ Data

Location Code	Cations, Total - meq/L	Chloride, Total - mg/L	ChlorideChloride, Total - mg/L	Chromium, Total (as Cr) - ug/L	Cobalt, Total (as Co) - ug/L	COD (Chemical Oxygen Demand) - mg/L	COD - mg/L	Color - SU
Emergency Basin								
Emergency Basin	7.8		20.1		<1		4	
Emergency Basin			27				7.5	
Emergency Basin								
Emergency Basin	12		31.2				5.3	
Emergency Basin			31.8		<1			
Emergency Basin			34.7					
Emergency Basin	14		36.9				11.2	
Emergency Basin	13		35.7				<1	
Emergency Basin	14		33.5				<1	
Emergency Basin			31.3					
Emergency Basin			32.2					
Emergency Basin			31.3					
Emergency Basin			32.4					
Emergency Basin			31.5					
Emergency Basin	3.6					8.2		
Emergency Basin			30.1					
Emergency Basin	12		34.5					
Emergency Basin						16		
Emergency Basin			27.2					
Emergency Basin			32.4					
Emergency Basin	13		29.6			<10		
Emergency Basin					1.4			
Emergency Basin	12		34.1			<1		
Emergency Basin			31.9					
Emergency Basin			13.7					
Emergency Basin			25.8					
Emergency Basin	9.8		23.8					
Emergency Basin			26.6					
Emergency Basin			24.9					
Emergency Basin			21.5					
Emergency Basin			24.8					
Emergency Basin								
Emergency Basin			21.2					
Emergency Basin	13		31.3			3.7		
Emergency Basin			26.3					

Tailings Basin WQ Data

Location Code	Cations, Total - meq/L	Chloride, Total - mg/L	ChlorideChloride, Total - mg/L	Chromium, Total (as Cr) - ug/L	Cobalt, Total (as Co) - ug/L	COD (Chemical Oxygen Demand) - mg/L	COD - mg/L	Color - SU
Emergency Basin			28					
Emergency Basin	13	23.5				11.5		
Emergency Basin		11.6						
Emergency Basin		26.1						
Emergency Basin		21.2						
Emergency Basin		23.8						
Emergency Basin		31.7						
Emergency Basin	13	31.6			<2.5	<10		
GW-001			29.5					
GW-001			31					
GW-001			34					
GW-001			32.2					
GW-001								
GW-001			31.9					
GW-001			30.2					
GW-001								
GW-001			33.2					
GW-001			4.1					
GW-001			26.9					
GW-001			28.7					
GW-001			29.7					
GW-001			30.4					
GW-001			31					
GW-001								
GW-001		30.5						
GW-002								
GW-002			<0.5					
GW-002			1					
GW-002			1.3					
GW-002			0.8					
GW-002								
GW-002			0.5					
GW-002			31.2					
GW-002			1.3					
GW-002			1.8					
GW-002			1.1					

Tailings Basin WQ Data

Location Code	Cations, Total - meq/L	Chloride, Total - mg/L	ChlorideChloride, Total - mg/L	Chromium, Total (as Cr) - ug/L	Cobalt, Total (as Co) - ug/L	COD (Chemical Oxygen Demand) - mg/L	COD - mg/L	Color - SU
GW-002			1.4					
GW-002			2.7					
GW-002		4.1						
GW-003			6.5		2.7			
GW-003			41.9		<1			
GW-003			28.9		1.2			
GW-003			28.2		<1			
GW-003			27.5		<1			
GW-003			32.5		1.6			
GW-003			27.7		<1			
GW-003								
GW-003								
GW-003								
GW-003								
GW-003								
GW-003								
GW-003								
GW-003								
GW-004			37.9		<1			
GW-004			56.1		<1			
GW-004			37.8		2.1			
GW-004			43.9		<1			
GW-004			40.3		1.3			
GW-004			27.8		1			
GW-004			11.3					
GW-004								
GW-004								
GW-004								
GW-004								
GW-004								
GW-004								
GW-004								
GW-004								
GW-004								
GW-004								

Tailings Basin WQ Data

Location Code	Cations, Total - meq/L	Chloride, Total - mg/L	ChlorideChloride, Total - mg/L	Chromium, Total (as Cr) - ug/L	Cobalt, Total (as Co) - ug/L	COD (Chemical Oxygen Demand) - mg/L	COD - mg/L	Color - SU
GW-004								
GW-004								
GW-005			38.9		<1			
GW-005			49.3		<1			
GW-005			20		<1			
GW-005			23.9		1.5			
GW-005			22.6		<1			
GW-005			32.3		1.6			
GW-005			26.2		2.5			
GW-005								
GW-005								
GW-005								
GW-005								
GW-005								
GW-005								
GW-005								
GW-005								
GW-005								
GW-005								
GW-005								
GW-005								
GW-005								
GW-006	298		28.8		5			
GW-006			21					
GW-006			20.5					
GW-006								
GW-006			21.8					
GW-006			29					
GW-006								
GW-006			28.1					
GW-006			27.9					
GW-006								
GW-006			33.3					
GW-006			31.8					
GW-006			28.4					
GW-006			29.5					

Tailings Basin WQ Data

Location Code	Cations, Total - meq/L	Chloride, Total - mg/L	ChlorideChloride, Total - mg/L	Chromium, Total (as Cr) - ug/L	Cobalt, Total (as Co) - ug/L	COD (Chemical Oxygen Demand) - mg/L	COD - mg/L	Color - SU
GW-006			27.1					
GW-006								
GW-006			28.4					
GW-006		25.8						
GW-007			34					
GW-007			31.1					
GW-007								
GW-007			30.7					
GW-007			22.1					
GW-007			32.5					
GW-007			30.8					
GW-007								
GW-007			33.1					
GW-007			31.7					
GW-007			28.6					
GW-007			32.6					
GW-007			29.9					
GW-007			31.4					
GW-007								
GW-007		31						
GW-008			4.9					
GW-008								
GW-008			1.6					
GW-008			5.2					
GW-008			1.8					
GW-008			2					
GW-008								
GW-008			2.1					
GW-008			1.9					
GW-008			2					
GW-008			2.1					
GW-008			2.7					
GW-008			1.7					
GW-008								
GW-008		1.2						
SD-001			23.5		<1			

Tailings Basin WQ Data

Location Code	Cations, Total - meq/L	Chloride, Total - mg/L	ChlorideChloride, Total - mg/L	Chromium, Total (as Cr) - ug/L	Cobalt, Total (as Co) - ug/L	COD (Chemical Oxygen Demand) - mg/L	COD - mg/L	Color - SU
SD-001			19.9		<1			
SD-001			37.2		4.9			
SD-001			25.8		<1			
SD-001			28.1		<1			
SD-001			24.2		<1			
SD-001			33.3		<1			
SD-001					<1			
SD-001	150		20.4		<1			
SD-001	177		22.2		<1			
SD-001	194		20		<1			
SD-001	215		27.9		<1			
SD-001	199		26.1		<1			
SD-001	206		25.8		<1			
SD-001								
SD-001	22		25.5		<1			
SD-001	13.8		28.4		<1			
SD-001	19.2		24.7		<1			
SD-001	32		30.8		<1			
SD-001	11.2		33.4		<1			
SD-001	11.7		31.5		<1			
SD-001	12		31.1		<1			
SD-001	12.2		31.2		<1			
SD-001	11.5		32.9		<1			
SD-001	22.4		31		<1			
SD-001	9.77		32.5		<1			
SD-001	3.88		26.9		<1			
SD-001	11.2		31.2		<1			
SD-001	11.5		31.4		<1			
SD-001	11.5		32.5		<1			
SD-001	11.8		29.5		<1			
SD-001	9.8		27.2		<1			
SD-001	9.99		28.2		<1			
SD-001	10.9		29		<1			
SD-001								
SD-001	10.4		30.5		<1			
SD-001	12.3		32.5		<1			

Tailings Basin WQ Data

Location Code	Cations, Total - meq/L	Chloride, Total - mg/L	ChlorideChloride, Total - mg/L	Chromium, Total (as Cr) - ug/L	Cobalt, Total (as Co) - ug/L	COD (Chemical Oxygen Demand) - mg/L	COD - mg/L	Color - SU
SD-001	11.9		34.5		<1			
SD-001	14.1		32.9		<1			
SD-001	11.6		33.6		<1			
SD-001	12.2		33.1		<1			
SD-001	11.7		32.4		<1			
SD-001	12		32.5		<1			
SD-001	11.2		29.3		<1			
SD-001	12		32.6		<1			
SD-001	12		31		<1			
SD-001	13.4		37.7		<1			
SD-001	17.2		37		<1			
SD-001	11.8		33.8		<1			
SD-001	11		33.8		<1			
SD-001			16					
SD-001								
SD-001	6.2		16.2		<1			
SD-001			20.2					
SD-001	8.4		24.1		<1			
SD-001			25.3					
SD-001	9.8		26.9		<1			
SD-001			30.3					
SD-001	10		30.9		<1			
SD-001			32.3					
SD-001								
SD-001								
SD-001			26.2					
SD-001	9.7		23.2		<1			
SD-001			18.4					
SD-001	9.8		26.6		<1			
SD-001			24.3					
SD-001								
SD-001	7.1		18.6		4.2			
SD-001			21.2					
SD-001	8.5		22.4		<1			
SD-001			22.4					
SD-001								

Tailings Basin WQ Data

Location Code	Cations, Total - meq/L	Chloride, Total - mg/L	ChlorideChloride, Total - mg/L	Chromium, Total (as Cr) - ug/L	Cobalt, Total (as Co) - ug/L	COD (Chemical Oxygen Demand) - mg/L	COD - mg/L	Color - SU
SD-001	11		29.3		<1			
SD-001			31.1					
SD-001			33					
SD-001	13		34.3		<1			
SD-001	13		33.6		<1			
SD-001	16		57.7		<1			
SD-001			35.8				19	
SD-001					<1			
SD-001			24.1					
SD-001			21.9					
SD-001			25.8		<1			
SD-001								
SD-001			22.4					
SD-001	2.8				<1			
SD-001			26.5					
SD-001	12		35.9		<1			
SD-001			29.4					
SD-001			30.2					
SD-001	10		30.3		<1			
SD-001			35.1					
SD-001	12				<1			
SD-001			44.1		<1			
SD-001			13.6					
SD-001								
SD-001	8.9		22		<1			
SD-001			21					
SD-001			24.4					
SD-001	11		27.5		<1			
SD-001			30.1					
SD-001			24.7					
SD-001	6.5		26.2		<1			
SD-001			48.6					
SD-001			27.4					
SD-001		66.5		4.1	1.4	37.7		20
SD-001		17						
SD-001		24.5						

Tailings Basin WQ Data

Location Code	Cations, Total - meq/L	Chloride, Total - mg/L	ChlorideChloride, Total - mg/L	Chromium, Total (as Cr) - ug/L	Cobalt, Total (as Co) - ug/L	COD (Chemical Oxygen Demand) - mg/L	COD - mg/L	Color - SU
SD-001		20.7			<2.5			
SD-001		18.5						
SD-001		26.3						
SD-001	12	34.9			<2.5			
SD-001		34.7						
SD-002			28.9		<1			
SD-002			32.7		<1			
SD-002			33.6		2.4			
SD-002			31.3		<1			
SD-002			31.7		<1			
SD-002			27.7		<1			
SD-002			32.5		1.4			
SD-002					<1			
SD-002	275		29.9		<1			
SD-002	293		27.8		<1			
SD-002	269		29.4		<1			
SD-002	293		31.2		<1			
SD-002	299		28		<1			
SD-002	270		29		<1			
SD-002	30.2		27.3		<1			
SD-002	38.8		27.4		<1			
SD-002	26.8		26.4		<1			
SD-002	47.9		30.2		<1			
SD-002	34.6		31.3		<1			
SD-002	16.9		29.9		<1			
SD-002	18.2		29.2		<1			
SD-002	18.2		30.3		<1			
SD-002	16.9		31.5		<1			
SD-002	33		30.8		<1			
SD-002	16.16		29.2		<1			
SD-002	16.5		27.1		<1			
SD-002	16.5		30.2		<1			
SD-002	17.5		28.8		<1			
SD-002	17.9		30.3		<1			
SD-002	18.6		27.3		1.5			
SD-002	15.3		28.4		<1			

Tailings Basin WQ Data

Location Code	Cations, Total - meq/L	Chloride, Total - mg/L	ChlorideChloride, Total - mg/L	Chromium, Total (as Cr) - ug/L	Cobalt, Total (as Co) - ug/L	COD (Chemical Oxygen Demand) - mg/L	COD - mg/L	Color - SU
SD-002	15.1		30.7		<1			
SD-002	17		29.6		<1			
SD-002								
SD-002	15.4		30		<1			
SD-002	16.8		30.2		<1			
SD-002	16.5		29.5		<1			
SD-002	18.7		29.1		<1			
SD-002	17.2		29.4		<1			
SD-002	17.4		29.6		<1			
SD-002	17.5		29.2		16.8			
SD-002	10.2		28.5		<1			
SD-002	16.6		28.3		<1			
SD-002	17		32		<1			
SD-002	16.4		27.4		<1			
SD-002	17		30.7		<1			
SD-002	15.3		30.4		<1			
SD-002	15.2		29.1		<1			
SD-002	15.6		30.2		<1			
SD-002	15		28		<1			
SD-002			14.5					
SD-002								
SD-002	13		24.4		<1			
SD-002			27.6					
SD-002	15		31		<1			
SD-002			29.8					
SD-002	15.9		30.1		<1			
SD-002			29.3					
SD-002	14		30.8		1.1			
SD-002			32					
SD-002								
SD-002								
SD-002			36.1					
SD-002	14		30.7		1.4			
SD-002			24.6					
SD-002	16		32.2		<1			
SD-002			26.8					

Tailings Basin WQ Data

Location Code	Cations, Total - meq/L	Chloride, Total - mg/L	ChlorideChloride, Total - mg/L	Chromium, Total (as Cr) - ug/L	Cobalt, Total (as Co) - ug/L	COD (Chemical Oxygen Demand) - mg/L	COD - mg/L	Color - SU
SD-002								
SD-002	12		21.8		<1			
SD-002			29.5					
SD-002	16		24.3		<1			
SD-002			27.3					
SD-002								
SD-002	9.8		29.7		<1			
SD-002			31.2					
SD-002			31.8					
SD-002	12		31.8		1.2			
SD-002	13		30.4		<1			
SD-002	14		31		<1			
SD-002			31.5				13	
SD-002					<1			
SD-002			24.6					
SD-002			27.8					
SD-002			29.4		<1			
SD-002								
SD-002			28.9					
SD-002	4.1				<1			
SD-002			27.7					
SD-002	12		26.9		<1			
SD-002			24.6					
SD-002			26					
SD-002	11		25.3		<1			
SD-002			30.5					
SD-002	11				<1			
SD-002			27.9		<1			
SD-002			7.2					
SD-002								
SD-002								
SD-002	12		26.2		<1			
SD-002			25.2					
SD-002			23.9					
SD-002	11		24.8		<1			
SD-002			25.9					

Tailings Basin WQ Data

Location Code	Cations, Total - meq/L	Chloride, Total - mg/L	ChlorideChloride, Total - mg/L	Chromium, Total (as Cr) - ug/L	Cobalt, Total (as Co) - ug/L	COD (Chemical Oxygen Demand) - mg/L	COD - mg/L	Color - SU
SD-002			25.3					
SD-002	11		30.6		<1			
SD-002			26.9					
SD-002			25.5					
SD-002		26.4		5.9	<1	13.3		10
SD-002		18.5						
SD-002		24.6						
SD-002		25.3			<2.5			
SD-002		23.4						
SD-002		25.6						
SD-002	13	25.5			<2.5			
SD-002		26.2						
SD-003								
SD-004					3			
SD-004	21.3				<1			
SD-004					<1			
SD-004					<1			
SD-004								
SD-004								
SD-004	14				1.1			
SD-004								
SD-004					1.2			
SD-004					1.6			
SD-004								
SD-004					<1			
SD-004								
SD-004	13				1			
SD-004								
SD-004								
SD-004					1			
SD-004					<1			
SD-004								
SD-004								
SD-004					<1			
SD-004								
SD-004	14				1			

Tailings Basin WQ Data

Location Code	Cations, Total - meq/L	Chloride, Total - mg/L	ChlorideChloride, Total - mg/L	Chromium, Total (as Cr) - ug/L	Cobalt, Total (as Co) - ug/L	COD (Chemical Oxygen Demand) - mg/L	COD - mg/L	Color - SU
SD-004								
SD-004					<1			
SD-004		31.8		2.1	2.3	4.1		<5
SD-004								
SD-004					<2.5			
SD-004								
SD-004	16				<2.5			
SD-004								
SD-006			13.6		<1			
SD-006			21.8		<1			
SD-006			14.6		2.4			
SD-006			3.1		<1			
SD-006			23.9		<1			
SD-006			5.1		<1			
SD-006			9.9		<1			
SD-006					<1			
SD-006								
SD-006					<1			
SD-006					1			
SD-006	11.2				<1			
SD-006								
SD-006								
SD-006								
SD-006								
SD-006					<1			
SD-006								
SD-006								
SD-006								
SD-006								
SD-006					<1			
SD-006								
SD-006								
SD-006								
SD-006								
SD-006								
SD-006					<1			

Tailings Basin WQ Data

Location Code	Cations, Total - meq/L	Chloride, Total - mg/L	ChlorideChloride, Total - mg/L	Chromium, Total (as Cr) - ug/L	Cobalt, Total (as Co) - ug/L	COD (Chemical Oxygen Demand) - mg/L	COD - mg/L	Color - SU
SD-006								
SD-006								
SD-006								
SD-006								
SD-006								
SD-006								
SD-006								
SD-006								
SD-006	11				<1			
SD-006								
SD-006								
SD-006					<1			
SD-006								
SD-006								
SD-006					<1			
SD-006								
SD-006								
SD-006					<1			
SD-006								
SD-006								
SD-006	9.9		24.6		<1			
SD-006					<1			
SD-006					<1			
SD-006								
SD-006								
SD-006					1			
SD-006								
SD-006					<1			
SD-006								
SD-006					<1			
SD-006								
SD-006								
SD-006	8.2		20.8		<1			
SD-006					n1			
SD-006					<1			
SD-006								

Tailings Basin WQ Data

Location Code	Cations, Total - meq/L	Chloride, Total - mg/L	ChlorideChloride, Total - mg/L	Chromium, Total (as Cr) - ug/L	Cobalt, Total (as Co) - ug/L	COD (Chemical Oxygen Demand) - mg/L	COD - mg/L	Color - SU
SD-006								
SD-006					<1			
SD-006								
SD-006								
SD-006								
SD-006		29.7		2	<1	8.8		<5
SD-006								
SD-006					<2.5			
SD-006								
SD-006	14				<2.5			
SD-006					<2.5			
SD-006					<2.5			
SD-006								
SW-003			15.2					
SW-003			26.9					
SW-003			25.1					
SW-003			37.8					
SW-003			25.6					
SW-003			29.4					
SW-003								
SW-003			32.7					
SW-003			30.7					
SW-003			33.6					
SW-003								
SW-003			23.5					
SW-003								
SW-003			32.3					
SW-003								
SW-003			22.9					
SW-003			29.7					
SW-003								
SW-003			13.9					
SW-003								
SW-003								
SW-003			22.7					
SW-003		27.6						

Tailings Basin WQ Data

Location Code	Cations, Total - meq/L	Chloride, Total - mg/L	ChlorideChloride, Total - mg/L	Chromium, Total (as Cr) - ug/L	Cobalt, Total (as Co) - ug/L	COD (Chemical Oxygen Demand) - mg/L	COD - mg/L	Color - SU
SW-003								
SW-003		11.1						
SW-003								
SW-003		27.5						
SW-004			1.9					
SW-004								
SW-004					<1			
SW-004					1.9			
SW-004	18.5		1.7		1.6			
SW-004	26		2.4		<1			
SW-004	44		3.3		<1			
SW-004								
SW-004	5.32		3.7		<1			
SW-004	2.57		1.7		<1			
SW-004	1.5		3.3		<1			
SW-004	2.9		4.3		<1			
SW-004	6.3		5.8		<1			
SW-004			2.9					
SW-004			3.2					
SW-004			3					
SW-004			2.4					
SW-004			2.3					
SW-004								
SW-004			4.2					
SW-004			3					
SW-004								
SW-004			2.4					
SW-004			3.5					
SW-004			4.4					
SW-004			4.6					
SW-004			6.4					
SW-004			2.5					
SW-004			1.5					
SW-004								
SW-004			3					
SW-004								

Tailings Basin WQ Data

Location Code	Cations, Total - meq/L	Chloride, Total - mg/L	ChlorideChloride, Total - mg/L	Chromium, Total (as Cr) - ug/L	Cobalt, Total (as Co) - ug/L	COD (Chemical Oxygen Demand) - mg/L	COD - mg/L	Color - SU
SW-004			3.2					
SW-004			3.1					
SW-004								
SW-004			5.5					
SW-004			2.7					
SW-004								
SW-004			3.8		1.1			
SW-004								
SW-004			3.6					
SW-004			3.2					
SW-004			0.8					
SW-004			3.6					
SW-004			4.6					
SW-004			4.6					
SW-004								
SW-004			5.8					
SW-004			2.4					
SW-004			2.7					
SW-004								
SW-004			3.4					
SW-004								
SW-004			3.8					
SW-004			6.1		<1			
SW-004			2.7					
SW-004			2.9					
SW-004			2.3					
SW-004			3.6					
SW-004			3.4					
SW-004			10.2					
SW-004			1.5					
SW-004			2.4					
SW-004			2.3					
SW-004			3.4					
SW-004			3.2					
SW-004								
SW-004			6.1		<1			

Tailings Basin WQ Data

Location Code	Cations, Total - meq/L	Chloride, Total - mg/L	ChlorideChloride, Total - mg/L	Chromium, Total (as Cr) - ug/L	Cobalt, Total (as Co) - ug/L	COD (Chemical Oxygen Demand) - mg/L	COD - mg/L	Color - SU
SW-004			6.3					
SW-004			4.6					
SW-004			3.5					
SW-004			3.6					
SW-004			3					
SW-004		5.6						
SW-004		4						
SW-004		2.9						
SW-004		3.6						
SW-004		4						
SW-004		4.4						
SW-004		4.6			<2.5			
SW-005			3.5					
SW-005	41.3		3.8		<1			
SW-005	60.3		5.4		<1			
SW-005	47.1		4.3		<1			
SW-005								
SW-005	6.23		5.9		<1			
SW-005	2.62		2.2		<1			
SW-005	2.8		4.6		<1			
SW-005	3.2		5.4		<1			
SW-005	6.7		7.7		<1			
SW-005			6.5					
SW-005			7.1					
SW-005			7.3					
SW-005			5.8					
SW-005			7.2					
SW-005								
SW-005			10.3					
SW-005			12.5					
SW-005								
SW-005			13.6					
SW-005			15.6					
SW-005			18.5					
SW-005			18.3					
SW-005			19.1					

Tailings Basin WQ Data

Location Code	Cations, Total - meq/L	Chloride, Total - mg/L	ChlorideChloride, Total - mg/L	Chromium, Total (as Cr) - ug/L	Cobalt, Total (as Co) - ug/L	COD (Chemical Oxygen Demand) - mg/L	COD - mg/L	Color - SU
SW-005			4.6					
SW-005			5.7					
SW-005			5.2					
SW-005			5.6					
SW-005								
SW-005			7.7					
SW-005								
SW-005			6.8					
SW-005								
SW-005			4.9					
SW-005			4.9					
SW-005								
SW-005			9					
SW-005								
SW-005			7					
SW-005			8.3					
SW-005			11.2					
SW-005			13.2					
SW-005			12.8					
SW-005			19.1					
SW-005			12.9					
SW-005			6.5					
SW-005			6.6					
SW-005			7.1					
SW-005			6.1					
SW-005			9.5					
SW-005			6.1					
SW-005			8.5					
SW-005			7.9					
SW-005			9.8					
SW-005			14.5					
SW-005			16.8					
SW-005			4.3					
SW-005			4.1					
SW-005			3.8					
SW-005			5.7					

Tailings Basin WQ Data

Location Code	Cations, Total - meq/L	Chloride, Total - mg/L	ChlorideChloride, Total - mg/L	Chromium, Total (as Cr) - ug/L	Cobalt, Total (as Co) - ug/L	COD (Chemical Oxygen Demand) - mg/L	COD - mg/L	Color - SU
SW-005			8.7					
SW-005								
SW-005			7.9					
SW-005			6.8					
SW-005			7.4					
SW-005			8.7					
SW-005			18.8					
SW-005		13.3						
SW-005		5.6						
SW-005		5.3						
SW-005		4.7						
SW-005		5.3						
SW-005		4.3						
SW-005		7.8						
West Side Seep								
West Side Seep	279		33.1		1.4			
West Side Seep	271		32		1.7			
West Side Seep	30		30.9		1.1			
West Side Seep	26.1		29.1		<1			
West Side Seep	13.2		28.9		1.3			
West Side Seep	15.3		30.3		1.4			
West Side Seep	28		31.7		1.5			
West Side Seep	14.6		30.4		1.2			
West Side Seep	14.9		29.5		2.2			
West Side Seep	13		29.9		1.6			
West Side Seep			30.6					
West Side Seep	13.4		28.7		1.8			
West Side Seep								
West Side Seep	14		30.8					
West Side Seep	14		32.7		<1			
West Side Seep								
West Side Seep	14		29.9					
West Side Seep								
West Side Seep	14		29					
West Side Seep								
West Side Seep					1.8			

Tailings Basin WQ Data

Location Code	Cations, Total - meq/L	Chloride, Total - mg/L	ChlorideChloride, Total - mg/L	Chromium, Total (as Cr) - ug/L	Cobalt, Total (as Co) - ug/L	COD (Chemical Oxygen Demand) - mg/L	COD - mg/L	Color - SU
West Side Seep								
West Side Seep								
West Side Seep								
West Side Seep								
West Side Seep			29.8					
West Side Seep			30.5					
West Side Seep								
West Side Seep								
West Side Seep								
West Side Seep								
West Side Seep								
West Side Seep								
West Side Seep								
West Side Seep					<1			
West Side Seep								
West Side Seep								
Wetland - 003								
Wetland - 003								
Wetland - 003								
Wetland - 003								
Wetland - 003								
Wetland - 003								
Wetland - 003								
Wetland - 003								
Wetland - 003								
Wetland - 003								
Wetland - 003								
Wetland - 003								
Wetland - North								
Wetland - North								
Wetland - North								
Wetland - North								
Wetland - North								
Wetland - North								
Wetland - North								
Wetland - North								
Wetland - North								

Tailings Basin WQ Data

Location Code	Cations, Total - meq/L	Chloride, Total - mg/L	ChlorideChloride, Total - mg/L	Chromium, Total (as Cr) - ug/L	Cobalt, Total (as Co) - ug/L	COD (Chemical Oxygen Demand) - mg/L	COD - mg/L	Color - SU
Wetland - North								
Wetland - North								
WS-011			34.1		3			
WS-011			35.1		2.7			
WS-011			36		6.6			
WS-011			35.1		1.7			
WS-011			34.5		4.4			
WS-011			30.7		5.7			
WS-011			33.7		5.1			
WS-011								
WS-011								
WS-011								
WS-011								
WS-011								
WS-011								
WS-011								
WS-011								
WS-011								
WS-011								
WS-011								
WS-011								
WS-011								
WS-011								
WS-012			35.8		<1			
WS-012			35.5		<1			
WS-012			35.7		2.6			
WS-012			34.8		1.9			
WS-012			34.6		<1			
WS-012			32.8		1.5			
WS-012			35.3		1.1			
WS-012								
WS-012								
WS-012								
WS-012								
WS-012								
WS-012								

Tailings Basin WQ Data

Location Code	Cations, Total - meq/L	Chloride, Total - mg/L	ChlorideChloride, Total - mg/L	Chromium, Total (as Cr) - ug/L	Cobalt, Total (as Co) - ug/L	COD (Chemical Oxygen Demand) - mg/L	COD - mg/L	Color - SU
WS-012								
WS-012								
WS-012								
WS-012								
WS-012								
WS-012								
WS-012								
WS-012								
WS-013			35.2		<1			
WS-013			35.5		<1			
WS-013			35.6		2.5			
WS-013			34.3		1.4			
WS-013			34.1		1			
WS-013			31.9		1.3			
WS-013			34.1		1.9			
WS-013	224		35.3		1.7			
WS-013	229		35.3		1.2			
WS-013	222		33.8		<1			
WS-013	24.2		34.8		1.1			
WS-013	20.1		32.1		<1			
WS-013	12.3		32		1.3			
WS-013	12.6		35.9		<1			
WS-013	23.4		34.3		1.3			
WS-013	12.5		32.2		<1			
WS-013	10.8		32.1		<1			
WS-013	11.7		33.1		<1			
WS-013	12.4		32.1		1.1			
WS-013	12.9		34		<1			
WS-013	14		32.9		<1			
WS-013								
WS-013	14		35.6		1.5			
WS-013								
WS-013	14		35.1		<1			
WS-013								
WS-013	14		33.1		2.1			
WS-013								

Tailings Basin WQ Data

Location Code	Cations, Total - meq/L	Chloride, Total - mg/L	ChlorideChloride, Total - mg/L	Chromium, Total (as Cr) - ug/L	Cobalt, Total (as Co) - ug/L	COD (Chemical Oxygen Demand) - mg/L	COD - mg/L	Color - SU
WS-013	16		31.6		1.7			
WS-013								
WS-013								
WS-013								
WS-013			30.8		2.3			
WS-013								
WS-013								
WS-013								
WS-013								
WS-013								
WS-013			32.5		8			
WS-013			31.8		3.2			
WS-013			33.7					
WS-013								
WS-013								
WS-013	21		33.2		1.8			
WS-013								
WS-013								
WS-013					1.1			
WS-013								
WS-013								
WS-013								
WS-013								
WS-013								
WS-013					2.6			
WS-013								
WS-013								
WS-013	19				<1			
WS-013								
WS-013					1.5			
WS-013								
WS-013								
WS-013								
WS-013								
WS-013								
WS-013					3.9			

Tailings Basin WQ Data

Location Code	Cations, Total - meq/L	Chloride, Total - mg/L	ChlorideChloride, Total - mg/L	Chromium, Total (as Cr) - ug/L	Cobalt, Total (as Co) - ug/L	COD (Chemical Oxygen Demand) - mg/L	COD - mg/L	Color - SU
WS-013								

Tailings Basin WQ Data

Location Code	Copper, Dissolved (as Cu) - ug/L	Copper, Total (as Cu) - ug/L	DRO - mg/L	FLOW cfs - cfs	FLOW MGD - MGD	Fluoride - mg/L	Hardness, Calcium & Magnesium, - mg/L	Hardness, Carbonate - mg/L
Cell 1E						6.8	182	
Cell 1E						13	208	
Cell 1E						6.9	186	
Cell 1E						5.8	197	
Cell 1E						6.3	196	
Cell 1E		<2				6.5	190	
Cell 1E		<2				8.1	193	
Cell 1E		<2				6.5	219	
Cell 1E		<2				6.5	244	
Cell 1E		<2				6.1	235	
Cell 1E		<2				4.4	229	
Cell 1E		<2				5.4	260	
Cell 1E		<2				2.3	280	
Cell 1E		<2				5.6	239	
Cell 1E		<2				7.14	323	
Cell 1E		2.4				6	283	
Cell 1E		1.1				6.5	306	
Cell 1E		1.5				7	322	
Cell 1E		<2				6.3	368	
Cell 1E		3.7				5	330	
Cell 1E								
Cell 1E		<2				4.3	274	
Cell 1E		<2				5.1	305	
Cell 1E								
Cell 1E						5	230	
Cell 1E						5.2	226	
Cell 1E								
Cell 1E						3.6	418	
Cell 1E						5.3	267	
Cell 1E						7	291	
Cell 1E								
Cell 1E								
Cell 1E						3.9	210	
Cell 1E						3.4	229	
Cell 2E						3.2	250	
Cell 2E						4.5	208	

Tailings Basin WQ Data

Location Code	Copper, Dissolved (as Cu) - ug/L	Copper, Total (as Cu) - ug/L	DRO - mg/L	FLOW cfs - cfs	FLOW MGD - MGD	Fluoride - mg/L	Hardness, Calcium & Magnesium, - mg/L	Hardness, Carbonate - mg/L
Cell 2E						3.9	263	
Cell 2E						4.3	296	
Cell 2E						5.6	307	
Cell 2E		<2				5.4	295	
Cell 2E		<2				6	286	
Cell 2E		<2				5.4	349	
Cell 2E		<2				4.7	379	
Cell 2E		<2				4.4	368	
Cell 2E		<2				3.7	397	
Cell 2E		<2				1.6	413	
Cell 2E		<2				3.8	354	
Cell 2E		<2				7.62	327	
Cell 2E		<2				5.42	535	
Cell 2E								
Cell 2E								
Cell 2E		<2				3.6	397	
Cell 2E		<2				4.1	455	
Cell 2E								
Cell 2E						3.6	349	
Cell 2E						3.3	375	
Cell 2E								
Cell 2E						4.6	240	
Cell 2E						4.2	460	
Cell 2E						6.8	608	
Cell 2E								
Cell 2E								
Cell 2E						3.3	342	
Cell 2E						2.4	289	
Cell 2W						4.5	292	
Cell 2W						4.3	210	
Cell 2W						5.2	308	
Cell 2W		<2				5.1	283	
Cell 2W		<2				4.7	239	
Cell 2W		<2				6.1	333	
Cell 2W		<2				5.1	343	
Cell 2W		<2				4.9	333	

Tailings Basin WQ Data

Location Code	Copper, Dissolved (as Cu) - ug/L	Copper, Total (as Cu) - ug/L	DRO - mg/L	FLOW cfs - cfs	FLOW MGD - MGD	Fluoride - mg/L	Hardness, Calcium & Magnesium, - mg/L	Hardness, Carbonate - mg/L
Cell 2W						3.3	151	
Cell 2W						2.5	130	
Emergency Basin								
Emergency Basin								
Emergency Basin								
Emergency Basin			<0.1			4.6	249	
Emergency Basin			<0.1			11.8	340	
Emergency Basin						5.1	319	
Emergency Basin								
Emergency Basin		<2	0.34			3.5	220	
Emergency Basin		<2	<0.1			3.2	247	
Emergency Basin		<2	<0.1			5.6	345	
Emergency Basin		<2	<0.1			4.4	456	
Emergency Basin			<0.1			4	424	
Emergency Basin		<2	<0.1		2.255	3.5	381	
Emergency Basin			<0.1		2.239	3.5	416	
Emergency Basin			<0.1		2.247	1.6	430	
Emergency Basin			<0.1		2.308	4.4	384	
Emergency Basin		<2	<0.1		2.238	3.9	390	
Emergency Basin			<0.1		2.916	4.5	404	
Emergency Basin		<2	<0.1		2.406	4	410	
Emergency Basin			<0.1		0.569	4	406	
Emergency Basin		<1	<0.1		0.618	5	401	
Emergency Basin		<2	<0.1		1.462	4.6	440	
Emergency Basin		<2	<0.1		1.322	3.6	390	
Emergency Basin		2.6	<0.1		1.44	7.25	318	
Emergency Basin								
Emergency Basin		<2	<0.1			1.8	321	
Emergency Basin		<2	<0.1		1.940	3.7	335	
Emergency Basin		3.6	0.23		1.775	5.2	443	
Emergency Basin		<2	0.14		2.082	4.1	372	
Emergency Basin								
Emergency Basin		<2			2.039	4.2	351	
Emergency Basin						2.8	275	
Emergency Basin					1.904			
Emergency Basin					2.493	3	307	

Tailings Basin WQ Data

Location Code	Copper, Dissolved (as Cu) - ug/L	Copper, Total (as Cu) - ug/L	DRO - mg/L	FLOW cfs - cfs	FLOW MGD - MGD	Fluoride - mg/L	Hardness, Calcium & Magnesium, - mg/L	Hardness, Carbonate - mg/L
Emergency Basin								
Emergency Basin		<2	<0.1			2.5	285	
Emergency Basin						2.6	324	
Emergency Basin								
Emergency Basin					1.184	3	436	
Emergency Basin					3.477	3.7	417	
Emergency Basin						3.8	462	
Emergency Basin						4.3	496	
Emergency Basin						3.2	466	
Emergency Basin						4.7	447	
Emergency Basin						3.2	446	
Emergency Basin					1.330	3	398	
Emergency Basin					10.84	2.9	352	
Emergency Basin					0.80	3.6	394	
Emergency Basin				1.96	1.27	3.1	385	
Emergency Basin								
Emergency Basin				2.06	1.33	2.9	386	
Emergency Basin				1.55	1.00	3.7	387	
Emergency Basin								
Emergency Basin				2.78	1.79	3.4	408	
Emergency Basin				1.79	1.15	3.4	428	
Emergency Basin				1.97	1.28	3.1	442	
Emergency Basin				1.97		3.6	442	
Emergency Basin				0.87	.56	3.2	430	
Emergency Basin						3.1	468	
Emergency Basin						1.2	226	
Emergency Basin						2.6	373	
Emergency Basin				2.34	1.51	2.3	330	
Emergency Basin				1.07	0.69	3	349	
Emergency Basin				1.51	0.98	2.5	351	
Emergency Basin				1.37	0.88	2.4	318	
Emergency Basin						2.4	352	
Emergency Basin								
Emergency Basin						2.1	338	
Emergency Basin						3.1	460	
Emergency Basin				0.79	0.51	3.2	463	

Tailings Basin WQ Data

Location Code	Copper, Dissolved (as Cu) - ug/L	Copper, Total (as Cu) - ug/L	DRO - mg/L	FLOW cfs - cfs	FLOW MGD - MGD	Fluoride - mg/L	Hardness, Calcium & Magnesium, - mg/L	Hardness, Carbonate - mg/L
Emergency Basin						3.3	462	
Emergency Basin				0.93	0.6	3.1	480	
Emergency Basin					1.70	0.99	203	
Emergency Basin						2.5	402	
Emergency Basin						2.2	360	
Emergency Basin						2.7	399	
Emergency Basin						3	463	
Emergency Basin		<2				2.5	468	
GW-001						0.2		
GW-001						0.25		
GW-001						0.1		
GW-001						<0.1		
GW-001								
GW-001						0.2		
GW-001						0.26		
GW-001								
GW-001						0.15		
GW-001						<0.1		
GW-001						0.29		
GW-001						0.29		
GW-001						0.43		
GW-001						0.78		
GW-001						0.14		
GW-001								
GW-001						0.18		
GW-002								
GW-002						<0.1		
GW-002						<0.1		
GW-002						0.15		
GW-002						0.11		
GW-002								
GW-002						<0.1		
GW-002						0.12		
GW-002						<0.1		
GW-002						<0.1		
GW-002						0.1		

Tailings Basin WQ Data

Location Code	Copper, Dissolved (as Cu) - ug/L	Copper, Total (as Cu) - ug/L	DRO - mg/L	FLOW cfs - cfs	FLOW MGD - MGD	Fluoride - mg/L	Hardness, Calcium & Magnesium, - mg/L	Hardness, Carbonate - mg/L
GW-002						0.53		
GW-002						0.11		
GW-002						0.17		
GW-003		<1						
GW-003		<1					375	
GW-003		6.5					17	
GW-003		<2					9.1	
GW-003		7.5					17	
GW-003		4.9					369	
GW-003		12.1					45.2	
GW-003	10.1							
GW-003								
GW-003	<2							
GW-003								
GW-003	<2							
GW-003		<2						
GW-003		11.6						
GW-003								
GW-004		<1						
GW-004		<1					367	
GW-004		3.4					297	
GW-004		<2					80	
GW-004		9.1					98	
GW-004		24.2					76.3	
GW-004		32.3				4		
GW-004	<2							
GW-004								
GW-004	<2							
GW-004		<2						
GW-004		<2						
GW-004								
GW-004		<2						
GW-004		<2						
GW-004		<2						
GW-004		6.1						
GW-004		<2						

Tailings Basin WQ Data

Location Code	Copper, Dissolved (as Cu) - ug/L	Copper, Total (as Cu) - ug/L	DRO - mg/L	FLOW cfs - cfs	FLOW MGD - MGD	Fluoride - mg/L	Hardness, Calcium & Magnesium, - mg/L	Hardness, Carbonate - mg/L
GW-004		<2						
GW-004		2.3						
GW-005		2.7						
GW-005		<1					361	
GW-005		15.9					12	
GW-005		38.7					24	
GW-005		6.8					3	
GW-005		4.3					373	
GW-005		8					42	
GW-005	10.6							
GW-005	<2							
GW-005								
GW-005	<2							
GW-005		2.6						
GW-005		<2						
GW-005								
GW-005		<2						
GW-005		<2						
GW-005		<2						
GW-005		<2						
GW-005		<2						
GW-005		13						
GW-006						4.2	594	
GW-006						9.6		
GW-006	9.1					3.3		
GW-006								
GW-006						2.1		
GW-006						3		
GW-006								
GW-006						2.2		
GW-006						2.1		
GW-006								
GW-006						2		
GW-006						2.7		
GW-006						2.5		
GW-006						2.2		

Tailings Basin WQ Data

Location Code	Copper, Dissolved (as Cu) - ug/L	Copper, Total (as Cu) - ug/L	DRO - mg/L	FLOW cfs - cfs	FLOW MGD - MGD	Fluoride - mg/L	Hardness, Calcium & Magnesium, - mg/L	Hardness, Carbonate - mg/L
GW-006						4.9		
GW-006								
GW-006						2.5		
GW-006						2.9		
GW-007						7.3		
GW-007	<2					4		
GW-007								
GW-007						1.6		
GW-007						1.25		
GW-007						2.5		
GW-007						2.4		
GW-007								
GW-007						1.9		
GW-007						2.2		
GW-007						2		
GW-007						1.8		
GW-007						2.2		
GW-007						1.9		
GW-007								
GW-007						1.8		
GW-008						2.3		
GW-008								
GW-008						0.2		
GW-008						0.2		
GW-008						0.15		
GW-008						0.12		
GW-008								
GW-008						<0.1		
GW-008						0.1		
GW-008						0.11		
GW-008						0.11		
GW-008						0.41		
GW-008						0.13		
GW-008								
GW-008						0.12		
SD-001		<1					426	

Tailings Basin WQ Data

Location Code	Copper, Dissolved (as Cu) - ug/L	Copper, Total (as Cu) - ug/L	DRO - mg/L	FLOW cfs - cfs	FLOW MGD - MGD	Fluoride - mg/L	Hardness, Calcium & Magnesium, - mg/L	Hardness, Carbonate - mg/L
SD-001		<1					418	
SD-001		<1					777	
SD-001		<2					480	
SD-001		<2					430	
SD-001		6.7					383	
SD-001		<2					428	
SD-001						2.2	334	268
SD-001						3	318	
SD-001						3	342	
SD-001						2.6	363	
SD-001						3.9	417	
SD-001						5.8	377	
SD-001						4.3	382	
SD-001								
SD-001		<2				3	387	
SD-001		5.9				2.7	380	
SD-001		<2				3.9	363	
SD-001		12				2.8	402	
SD-001		<2				3.5	430	
SD-001		<2				3.7	425	
SD-001		<2				3.3	452	
SD-001		<2				3.3	455	
SD-001		<2				2.8	404	
SD-001		<2				3.5	385	
SD-001		<2				2.2	341	
SD-001		<2				3	361	
SD-001		<2				2.8	391	
SD-001		<2				2.8	401	
SD-001		<2				3	396	
SD-001		<2				1.5	413	
SD-001		<2				3.3	352	
SD-001		<2				3	357	
SD-001		<2				2.9	374	
SD-001								
SD-001		2.1				3.4	356	
SD-001		7.3				3.1	411	

Tailings Basin WQ Data

Location Code	Copper, Dissolved (as Cu) - ug/L	Copper, Total (as Cu) - ug/L	DRO - mg/L	FLOW cfs - cfs	FLOW MGD - MGD	Fluoride - mg/L	Hardness, Calcium & Magnesium, - mg/L	Hardness, Carbonate - mg/L
SD-001		5.4				9	404	
SD-001		2.3				3.5	448	
SD-001		2.9				3	397	
SD-001		<2				3	415	
SD-001		<2				3	384	
SD-001		<1				3.5	407	
SD-001		5.6				4	383	
SD-001		5.6				4	405	
SD-001		3.9				3.8	409	
SD-001		2.5				2.5	457	
SD-001		3.9				5.4	570	
SD-001		<2				3.4	405	
SD-001		<2				3.3	386	
SD-001		<2				1.4	276	
SD-001								
SD-001		<2				1.4	222	
SD-001		<2				1.7	242	
SD-001		<2				2.1	293	
SD-001		3.3				2.8	336	
SD-001		<2				3.8	343	
SD-001		2.1				2.4	369	
SD-001		<2				3.2	364	
SD-001		<2				3.2	365	
SD-001								
SD-001								
SD-001		<2				2.9	255	
SD-001		<2				2.6	334	
SD-001		<2				2.4	254	
SD-001		2.3				3.5	348	
SD-001		<2				3	313	
SD-001								
SD-001		<2				2.3	248	
SD-001		<2				2.2	282	
SD-001		<2				2.3	300	
SD-001		<2				4.1	303	
SD-001								

Tailings Basin WQ Data

Location Code	Copper, Dissolved (as Cu) - ug/L	Copper, Total (as Cu) - ug/L	DRO - mg/L	FLOW cfs - cfs	FLOW MGD - MGD	Fluoride - mg/L	Hardness, Calcium & Magnesium, - mg/L	Hardness, Carbonate - mg/L
SD-001		<2				2.4	384	
SD-001						2.9	359	
SD-001						2.9	421	
SD-001		<2				3.3	442	
SD-001		<2				1.8	442	
SD-001		<2				2	594	
SD-001						2.8	496	
SD-001								
SD-001						2	338	
SD-001						2	310	
SD-001						2.5	385	
SD-001								
SD-001						2.5	342	
SD-001		<2						
SD-001						2.4	375	
SD-001		<2				2.3	429	
SD-001						1.9	380	
SD-001						1.6	395	
SD-001		<2				1.6	372	
SD-001						1.7	459	
SD-001		<2				2.1	444	
SD-001						2.6	522	
SD-001						1	198	
SD-001						1.5	313	
SD-001		<2				1.6	329	
SD-001						0.98	392	
SD-001						1.8	391	
SD-001						1.8	413	
SD-001						1.5	374	
SD-001						1.5	352	
SD-001		<2				0.61	268	
SD-001						1.3	512	
SD-001						1.4	339	
SD-001		<2				1.2	626	
SD-001						1.1	257	
SD-001						1.4	339	

Tailings Basin WQ Data

Location Code	Copper, Dissolved (as Cu) - ug/L	Copper, Total (as Cu) - ug/L	DRO - mg/L	FLOW cfs - cfs	FLOW MGD - MGD	Fluoride - mg/L	Hardness, Calcium & Magnesium, - mg/L	Hardness, Carbonate - mg/L
SD-001						1.5	367	
SD-001						1.7	411	
SD-001						1.8	453	
SD-001		<2				2.4	485	
SD-001						1.5		
SD-002		<1					478	
SD-002		<1					452	
SD-002		<1					491	
SD-002		<2					510	
SD-002		<2					530	
SD-002		<2					613	
SD-002		<2					568	
SD-002					0.228	3	611	500
SD-002						3.4	572	
SD-002						3.2	561	
SD-002						2.7	534	
SD-002						4.8	576	
SD-002						2.5	602	
SD-002						3.3	532	
SD-002		<2				3.9	521	
SD-002		<2				3.6	570	
SD-002		<2				3.8	524	
SD-002		6.6				3.3	600	
SD-002		<2				3.1	651	
SD-002		<2				4.2	618	
SD-002		<2				3.5	692	
SD-002		<2				3.3	689	
SD-002		<2				2.6	596	
SD-002		<2				3.5	591	
SD-002		<2				2.2	579	
SD-002		<2				2.6	598	
SD-002		<2				2.6	603	
SD-002		<2				2.3	635	
SD-002		<2				2.6	637	
SD-002		<2				0.8	673	
SD-002		<2				2.5	560	

Tailings Basin WQ Data

Location Code	Copper, Dissolved (as Cu) - ug/L	Copper, Total (as Cu) - ug/L	DRO - mg/L	FLOW cfs - cfs	FLOW MGD - MGD	Fluoride - mg/L	Hardness, Calcium & Magnesium, - mg/L	Hardness, Carbonate - mg/L
SD-002		<2				3	542	
SD-002		6.9				2.3	590	
SD-002								
SD-002		<2				2.4	556	
SD-002		<2				2.5	575	
SD-002		2				3	580	
SD-002		<2				3	679	
SD-002		<2				2.5	619	
SD-002		<2				2	617	
SD-002		<2				3	595	
SD-002		<1				3	307	
SD-002		<1				3.5	586	
SD-002		<1				3.5	591	
SD-002		<1				3.8	572	
SD-002		<2				2.5	607	
SD-002		<2				2.7	560	
SD-002		<2				2.5	540	
SD-002		<2				2.7	560	
SD-002		<2				2.6	524	
SD-002		<2				1.2	224	
SD-002								
SD-002		<2				1.6	469	
SD-002		<2				1.9	484	
SD-002		<2				1.7	540	
SD-002		<2				3.1	552	
SD-002		<2				2.4	541	
SD-002		<2				2.1	554	
SD-002		<2				2.8	503	
SD-002		2.2				3	518	
SD-002								
SD-002								
SD-002		<2				2.9	498	
SD-002		<2				2.8	484	
SD-002		<2				2.4	447	
SD-002		<2				4.2	524	
SD-002		<2				2.2	453	

Tailings Basin WQ Data

Location Code	Copper, Dissolved (as Cu) - ug/L	Copper, Total (as Cu) - ug/L	DRO - mg/L	FLOW cfs - cfs	FLOW MGD - MGD	Fluoride - mg/L	Hardness, Calcium & Magnesium, - mg/L	Hardness, Carbonate - mg/L
SD-002								
SD-002		<2				2.5	453	
SD-002		3				3.8	535	
SD-002		<2				3.3	558	
SD-002		<2				4.4	485	
SD-002								
SD-002		<2				1.7	364	
SD-002						1.9	434	
SD-002						3.1	431	
SD-002		2.1				2.4	410	
SD-002		<2				1.4	461	
SD-002		<2				3.1	464	
SD-002						2	524	
SD-002								
SD-002						1.6	763	
SD-002						2	439	
SD-002						2.7	443	
SD-002								
SD-002						2.7	455	
SD-002		<2						
SD-002						2.3	455	
SD-002		<2				2.6	398	
SD-002						2.4	418	
SD-002						1.5	396	
SD-002		<2				1.6	559	
SD-002						2	448	
SD-002		<2				1.8	381	
SD-002						1.8	409	
SD-002						0.51	107	
SD-002								
SD-002						1.9	381	
SD-002		<2				2.2	404	
SD-002						2.4	400	
SD-002						2.3	374	
SD-002						2.7	388	
SD-002						2.1	397	

Tailings Basin WQ Data

Location Code	Copper, Dissolved (as Cu) - ug/L	Copper, Total (as Cu) - ug/L	DRO - mg/L	FLOW cfs - cfs	FLOW MGD - MGD	Fluoride - mg/L	Hardness, Calcium & Magnesium, - mg/L	Hardness, Carbonate - mg/L
SD-002						1.9	361	
SD-002		<2				2.1	380	
SD-002						1.9	386	
SD-002						1.9	460	
SD-002		24.2				1.7	422	
SD-002						1.4	364	
SD-002						1.8	392	
SD-002						2.3	417	
SD-002						2.5	414	
SD-002						2.2	505	
SD-002		<2				2	443	
SD-002						2.9		
SD-003					21.651			
SD-004					0.228	3.1	634	434
SD-004					0.00072	2.8	1050	
SD-004					0.061	2.3	631	
SD-004					0.033	3.2	515	
SD-004								
SD-004								
SD-004						3.2	509	
SD-004								
SD-004					0.001	2.6	482	
SD-004						2.5	488	
SD-004								
SD-004						3	480	
SD-004								
SD-004					0.00108	2.9	455	
SD-004					0.102			
SD-004								
SD-004				3.0	1.94	2.6	454	
SD-004						2.7	468	
SD-004								
SD-004								
SD-004					0.0058	2.5	500	
SD-004					0.0043			
SD-004					0.0029	2.8	523	

Tailings Basin WQ Data

Location Code	Copper, Dissolved (as Cu) - ug/L	Copper, Total (as Cu) - ug/L	DRO - mg/L	FLOW cfs - cfs	FLOW MGD - MGD	Fluoride - mg/L	Hardness, Calcium & Magnesium, - mg/L	Hardness, Carbonate - mg/L
SD-004								
SD-004						2.6	159	
SD-004		<2			.002	2.4	155	
SD-004					0.007			
SD-004						2.6	494	
SD-004								
SD-004						2.1	637	
SD-004								
SD-006		1.3					201	
SD-006		<1					312	
SD-006		<1					286	
SD-006		<2					50	
SD-006		<2					320	
SD-006		<2					106	
SD-006		<2					214	
SD-006					0.153	4.4	252	230
SD-006								
SD-006		<2					278	
SD-006		<2					266	
SD-006					0.576	5.8	358	
SD-006					6.668			
SD-006					6.150			
SD-006					4.378			
SD-006					4.339			
SD-006					3.832	3.5	410	
SD-006					3.623			
SD-006					4.454			
SD-006					2.789			
SD-006					3.104			
SD-006					3.271	3.6	415	
SD-006					2.580			
SD-006					5.083			
SD-006								
SD-006					2.321			
SD-006								
SD-006					0.977	4.6	335	

Tailings Basin WQ Data

Location Code	Copper, Dissolved (as Cu) - ug/L	Copper, Total (as Cu) - ug/L	DRO - mg/L	FLOW cfs - cfs	FLOW MGD - MGD	Fluoride - mg/L	Hardness, Calcium & Magnesium, - mg/L	Hardness, Carbonate - mg/L
SD-006								
SD-006					3.415			
SD-006								
SD-006					4.783			
SD-006					4.799			
SD-006								
SD-006								
SD-006								
SD-006		<2				3.7	366	
SD-006					5.726			
SD-006					8.882			
SD-006					0.730	4.4	450	
SD-006								
SD-006								
SD-006						3.5	432	
SD-006					2.444			
SD-006					0.5204			
SD-006					0.6269	3.4	374	
SD-006								
SD-006				1.02	0.6617			
SD-006		<2				2.8	334	
SD-006		<2					362	
SD-006		<2					352	
SD-006								
SD-006				0.97	0.63			
SD-006				0.59	0.3836	3.2	430	
SD-006				1.16	21.81			
SD-006						3.4	455	
SD-006								
SD-006				1.13	0.7290	2.1	295	
SD-006				0.87	0.5599			
SD-006				0.59	0.3797			
SD-006		<2				2.4	302	
SD-006		<2					297	
SD-006		5.4					299	
SD-006				1.1	0.71095			

Tailings Basin WQ Data

Location Code	Copper, Dissolved (as Cu) - ug/L	Copper, Total (as Cu) - ug/L	DRO - mg/L	FLOW cfs - cfs	FLOW MGD - MGD	Fluoride - mg/L	Hardness, Calcium & Magnesium, - mg/L	Hardness, Carbonate - mg/L
SD-006								
SD-006						2.9	427	
SD-006				1.10	0.7137			
SD-006					0.4193			
SD-006								
SD-006		<2			.9839	3.1	494	
SD-006					2.8006			
SD-006						2.2	340	
SD-006								
SD-006		5.1				2.8	488	
SD-006		<2					444	
SD-006		<2					433	
SD-006								
SW-003				8.276				
SW-003				2.356				
SW-003				11.85				
SW-003				1.250				
SW-003				2.250				
SW-003				36.575				
SW-003				30.013				
SW-003				10.560				
SW-003				12.220				
SW-003								
SW-003				3.272				
SW-003				6.7365				
SW-003								
SW-003				3.078				
SW-003								
SW-003				5.148				
SW-003								
SW-003								
SW-003				7.847			220	
SW-003				4.25				
SW-003								
SW-003							295	
SW-003				1.06	1.056			

Tailings Basin WQ Data

Location Code	Copper, Dissolved (as Cu) - ug/L	Copper, Total (as Cu) - ug/L	DRO - mg/L	FLOW cfs - cfs	FLOW MGD - MGD	Fluoride - mg/L	Hardness, Calcium & Magnesium, - mg/L	Hardness, Carbonate - mg/L
SW-003				5.24	101.60			
SW-003								
SW-003								
SW-003								
SW-004				71.008				
SW-004								
SW-004		<2					35.6	
SW-004		<2					2	
SW-004						1.4	39.7	
SW-004						1.9	66.7	
SW-004						2.2	100	
SW-004								
SW-004		<2				1.2	103	
SW-004		<2				1.1	51.1	
SW-004		<2				1.4	60.4	
SW-004		<2				1.6	111	
SW-004		<2				0.5	119	
SW-004				15.184				
SW-004				14.40				
SW-004				13.632				
SW-004								
SW-004								
SW-004				20.64				
SW-004								
SW-004								
SW-004				14.784				
SW-004				0.720				
SW-004								
SW-004				0.512				
SW-004				1.008				
SW-004				1.555				
SW-004								
SW-004				16.104				
SW-004				8.064				
SW-004				10.400				
SW-004				4.931				

Tailings Basin WQ Data

Location Code	Copper, Dissolved (as Cu) - ug/L	Copper, Total (as Cu) - ug/L	DRO - mg/L	FLOW cfs - cfs	FLOW MGD - MGD	Fluoride - mg/L	Hardness, Calcium & Magnesium, - mg/L	Hardness, Carbonate - mg/L
SW-004								
SW-004				2.412				
SW-004								
SW-004								
SW-004								
SW-004								
SW-004		<2					77.9	
SW-004				4.800				
SW-004				52.500			50	
SW-004							58	
SW-004				6.420			72	
SW-004							60	
SW-004				3.940			108	
SW-004							122	
SW-004								
SW-004				5.320			38	
SW-004				13.76			132	
SW-004					6.09		50	
SW-004								
SW-004				16.04			130	
SW-004								
SW-004				3.15			68	
SW-004		<2					59	
SW-004				2.55			36	
SW-004				7.28			50	
SW-004				9.41			54	
SW-004				4.48			60	
SW-004				4.59			62	
SW-004							62	
SW-004							78	
SW-004							46	
SW-004				15.15			100	
SW-004				1.62			60.9	
SW-004				0.96			75.4	
SW-004				1.84				
SW-004		<2					46	

Tailings Basin WQ Data

Location Code	Copper, Dissolved (as Cu) - ug/L	Copper, Total (as Cu) - ug/L	DRO - mg/L	FLOW cfs - cfs	FLOW MGD - MGD	Fluoride - mg/L	Hardness, Calcium & Magnesium, - mg/L	Hardness, Carbonate - mg/L
SW-004							54.3	
SW-004							36.7	
SW-004							43.6	
SW-004				3.46	2.23		56.6	
SW-004							68	
SW-004				7.84	5.07		58.7	
SW-004				26.62	17.20		24.1	
SW-004							61	
SW-004							22	
SW-004							52.4	
SW-004							126	
SW-004		4.6					115	
SW-005				212.100				
SW-005						1.2	89.8	
SW-005						1.6	135	
SW-005						2.2	105	
SW-005								
SW-005		<2				0.7	119	
SW-005		<2				2	52	
SW-005		<2		40.32		1.6	103	
SW-005		<2		81.638		1.6	119	
SW-005		<2				0.7	125	
SW-005				133.53				
SW-005				147.0				
SW-005				144.55				
SW-005				118.125				
SW-005				72.10				
SW-005				87.50				
SW-005								
SW-005								
SW-005				88.20				
SW-005				40.95				
SW-005								
SW-005				8.40				
SW-005				15.435				
SW-005				33.950				

Tailings Basin WQ Data

Location Code	Copper, Dissolved (as Cu) - ug/L	Copper, Total (as Cu) - ug/L	DRO - mg/L	FLOW cfs - cfs	FLOW MGD - MGD	Fluoride - mg/L	Hardness, Calcium & Magnesium, - mg/L	Hardness, Carbonate - mg/L
SW-005								
SW-005				23.625				
SW-005				55.440				
SW-005				84.175				
SW-005				51.825				
SW-005								
SW-005				8.677				
SW-005				14.539				
SW-005								
SW-005								
SW-005								
SW-005								
SW-005							140	
SW-005				111.300				
SW-005				105.00			88	
SW-005				122.500			128	
SW-005				133.00			164	
SW-005							230	
SW-005				13.80			232	
SW-005							320	
SW-005				196.910			162	
SW-005				40.6			90	
SW-005					48.50		76	
SW-005				48.4			84	
SW-005				5.76			114	
SW-005				3.15			146	
SW-005				14.4			76	
SW-005				13.2			110	
SW-005				22.23			130	
SW-005				13.26			164	
SW-005				16.775			226	
SW-005							222	
SW-005							50	
SW-005							50	
SW-005				87.51				
SW-005				22.84			111	

Tailings Basin WQ Data

Location Code	Copper, Dissolved (as Cu) - ug/L	Copper, Total (as Cu) - ug/L	DRO - mg/L	FLOW cfs - cfs	FLOW MGD - MGD	Fluoride - mg/L	Hardness, Calcium & Magnesium, - mg/L	Hardness, Carbonate - mg/L
SW-005				11.41			139	
SW-005				45.90				
SW-005							104	
SW-005							59.8	
SW-005							121	
SW-005				15.57	10.06		177	
SW-005							228	
SW-005				11.0	7.126		207	
SW-005				85.3	55.115		53.2	
SW-005							59.8	
SW-005							61.5	
SW-005							93.4	
SW-005							127	
SW-005							184	
West Side Seep								
West Side Seep						4.2	571	
West Side Seep						4.5	560	
West Side Seep		<2				5.1	531	
West Side Seep		<2				5.4	530	
West Side Seep		<2				6.1	477	
West Side Seep		<2			0.01728	4.7	599	
West Side Seep		<2				4.2	490	
West Side Seep		<2			0.086	4	519	
West Side Seep		<2				1.4	395	
West Side Seep		<2			0.00538	2.9	487	
West Side Seep		<2				4.5	432	
West Side Seep		<2			0.538	3.16	459	
West Side Seep								
West Side Seep		<2			0.0077472	1.6	477	
West Side Seep					0.0077472	2.3	483	
West Side Seep								
West Side Seep						3.8	468	
West Side Seep					0.538			
West Side Seep						3.2	478	
West Side Seep								
West Side Seep					0.031	3.5	554	

Tailings Basin WQ Data

Location Code	Copper, Dissolved (as Cu) - ug/L	Copper, Total (as Cu) - ug/L	DRO - mg/L	FLOW cfs - cfs	FLOW MGD - MGD	Fluoride - mg/L	Hardness, Calcium & Magnesium, - mg/L	Hardness, Carbonate - mg/L
West Side Seep						3.8	591	
West Side Seep						4	569	
West Side Seep						2.8	542	
West Side Seep				0.078				
West Side Seep				0.0199		3.7	640	
West Side Seep					0.538	3.3	627	
West Side Seep				0.056		3.6	590	
West Side Seep					0.0122	2.8	590	
West Side Seep					0.5380	2.8	610	
West Side Seep						2.5	624	
West Side Seep				0.01	0.0046			
West Side Seep					0.0016	2.7	674	
West Side Seep						2.7	690	
West Side Seep						2.6	751	
West Side Seep					0.0033	2.5	720	
Wetland - 003								
Wetland - 003								
Wetland - 003								
Wetland - 003								
Wetland - 003								
Wetland - 003								
Wetland - 003								
Wetland - 003								
Wetland - 003								
Wetland - 003								
Wetland - 003								
Wetland - 003								
Wetland - North								
Wetland - North								
Wetland - North								
Wetland - North								
Wetland - North								
Wetland - North								
Wetland - North								
Wetland - North								
Wetland - North								

Tailings Basin WQ Data

Location Code	Copper, Dissolved (as Cu) - ug/L	Copper, Total (as Cu) - ug/L	DRO - mg/L	FLOW cfs - cfs	FLOW MGD - MGD	Fluoride - mg/L	Hardness, Calcium & Magnesium, - mg/L	Hardness, Carbonate - mg/L
Wetland - North								
Wetland - North								
WS-011		8.5					652	
WS-011		<1					565	
WS-011		<1					587	
WS-011		<2					310	
WS-011		<2					570	
WS-011		2					655	
WS-011		<2					614	
WS-011					0.00576			
WS-011					0.148			
WS-011					0.683			
WS-011								
WS-011					0.095			
WS-011								
WS-011								
WS-011					0.032			
WS-011								
WS-011					0.35			
WS-011				0.14	0.091			
WS-011								
WS-011				0.0344	0.0222			
WS-011					.0155			
WS-012		2.5					314	
WS-012		<1					331	
WS-012		<1					308	
WS-012		<2					320	
WS-012		<2					300	
WS-012		2.1					322	
WS-012		<2					303	
WS-012					0.00864			
WS-012					0.0484			
WS-012					0.022			
WS-012								
WS-012					0.538			
WS-012								

Tailings Basin WQ Data

Location Code	Copper, Dissolved (as Cu) - ug/L	Copper, Total (as Cu) - ug/L	DRO - mg/L	FLOW cfs - cfs	FLOW MGD - MGD	Fluoride - mg/L	Hardness, Calcium & Magnesium, - mg/L	Hardness, Carbonate - mg/L
WS-012								
WS-012					0.377			
WS-012					0.051			
WS-012					0.067			
WS-012				0.158	0.103			
WS-012								
WS-012				0.06	0.0365			
WS-012					.00924			
WS-013		3					359	
WS-013		<1					356	
WS-013		<1					327	
WS-013		<2					340	
WS-013		<2					310	
WS-013		<2					344	
WS-013		<2					339	
WS-013		<2				5.6	317	
WS-013		<2				6.6	340	
WS-013		<2				5.7	328	
WS-013		<2				5.7	322	
WS-013		<2			0.00936	6.9	316	
WS-013		<2			0.0215	6.3	346	
WS-013		<2			0.03	6.1	366	
WS-013		<2				5.4	339	
WS-013		<2			0.077	5.1	362	
WS-013		<2			0.065	5.9	327	
WS-013		<2			0.221	6	329	
WS-013		<1			0.061	7	344	
WS-013		<2			0.059	4.5	362	
WS-013		<2			0.27	6.2	378	
WS-013								
WS-013		<2				4.3	425	
WS-013					0.087			
WS-013		2.4			0.546	5.1	415	
WS-013								
WS-013		<2				5.4	423	
WS-013					0.668			

Tailings Basin WQ Data

Location Code	Copper, Dissolved (as Cu) - ug/L	Copper, Total (as Cu) - ug/L	DRO - mg/L	FLOW cfs - cfs	FLOW MGD - MGD	Fluoride - mg/L	Hardness, Calcium & Magnesium, - mg/L	Hardness, Carbonate - mg/L
WS-013		<2				6	509	
WS-013								
WS-013								
WS-013						4.6	635	
WS-013		<2			0.098	4.8	593	
WS-013						5.2	627	
WS-013						4.9	630	
WS-013						4.2	673	
WS-013						5.4	682	
WS-013						3.2	732	
WS-013		<2			0.038	3.4	397	
WS-013		<2						
WS-013								
WS-013					0.0840	3.3	757	
WS-013					0.1286	3.5	795	
WS-013		<2			0.1138	2.8	843	
WS-013						5.1	751	
WS-013				0.11	0.0718	2.8		
WS-013		<2		0.04	0.0236	2.9	873	
WS-013				0.15		2.5	769	
WS-013				0.085	0.0553	2.3	848	
WS-013						2.4	913	
WS-013				0.11	0.0711	2.1	861	
WS-013						2	891	
WS-013		<2				1.7	871	
WS-013						1.8	863	
WS-013				0.22275	0.1440	1.8	850	
WS-013		<2		0.198	0.1280	2.4	771	
WS-013				0.063	0.0407	1.9	781	
WS-013		<2				1.7	842	
WS-013						1.6	820	
WS-013						1.7	910	
WS-013						3.9	327	
WS-013						1.6	715	
WS-013						3.4	632	
WS-013		<2			.0173	1.6	204	

Tailings Basin WQ Data

Location Code	Copper, Dissolved (as Cu) - ug/L	Copper, Total (as Cu) - ug/L	DRO - mg/L	FLOW cfs - cfs	FLOW MGD - MGD	Fluoride - mg/L	Hardness, Calcium & Magnesium, - mg/L	Hardness, Carbonate - mg/L
WS-013						1.4	846	

Tailings Basin WQ Data

Location Code	Iron, Dissolved (as Fe) - mg/L	Iron, Total (as Fe) - mg/L	Lead, Total (as Pb) - ug/L	Magnesium, Total (as Mg) - mg/L	Manganese, Dissolved (as Mn) - mg/L	Manganese, Total (as Mn) - mg/L	Mercury, Total (as Hg) - ng/L	Mercury, Total (as Hg) - ug/L
Cell 1E	<0.03			31		0.12		<0.2
Cell 1E	<0.03			36		0.13		<0.2
Cell 1E	0.07			33.2		0.02		<0.2
Cell 1E	<0.03			35		0.01		<0.2
Cell 1E	<0.03			34.9		0.01		<0.2
Cell 1E	<0.03			34		0.01		<0.2
Cell 1E	0.03			35.2		0.02		<0.2
Cell 1E	0.04			40.5		0.01		<0.2
Cell 1E	<0.03			43.9		0.01		<0.2
Cell 1E	<0.03			42.1		0.01		<0.2
Cell 1E				40.6				<0.2
Cell 1E				46.4		0.06		<0.2
Cell 1E				49.5		0.06		<0.2
Cell 1E				42		0.02		<0.2
Cell 1E				56.3				<0.2
Cell 1E				50.4				<0.2
Cell 1E				53.8				<0.2
Cell 1E				57.6				<0.2
Cell 1E				65.8		0.21		<0.2
Cell 1E				58.1				<0.2
Cell 1E							0.9	
Cell 1E				47.4		0.13		<0.2
Cell 1E				52.8		0.01		<0.2
Cell 1E							0.9	
Cell 1E				43.2		<0.01		
Cell 1E				44.1		0.01		
Cell 1E								
Cell 1E				85				
Cell 1E				52.6				
Cell 1E				56.9				
Cell 1E							1	
Cell 1E								
Cell 1E				42.9				
Cell 1E				44.9				
Cell 2E	<0.03			42.9		0.36		<0.2
Cell 2E	0.1			36.1		0.21		<0.2

Tailings Basin WQ Data

Location Code	Iron, Dissolved (as Fe) - mg/L	Iron, Total (as Fe) - mg/L	Lead, Total (as Pb) - ug/L	Magnesium, Total (as Mg) - mg/L	Manganese, Dissolved (as Mn) - mg/L	Manganese, Total (as Mn) - mg/L	Mercury, Total (as Hg) - ng/L	Mercury, Total (as Hg) - ug/L
Cell 2E	0.03			45		0.01		<0.2
Cell 2E	0.05			50.5		0.12		<0.2
Cell 2E	<0.03			53		0.02		<0.2
Cell 2E	0.03			53.5		0.02		<0.2
Cell 2E	<0.03			53.3		0.17		<0.2
Cell 2E	<0.03			65.4		0.03		<0.2
Cell 2E	<0.03			71.9		0.03		<0.2
Cell 2E	<0.03			69.1		0.03		<0.2
Cell 2E				74.5		0.09		<0.2
Cell 2E				75.9		0.07		<0.2
Cell 2E				65		0.04		<0.2
Cell 2E				52.4				<0.2
Cell 2E				93.4		0.02		<0.2
Cell 2E								
Cell 2E							3.6	
Cell 2E				70.3		0.14		<0.2
Cell 2E				84		0.04		<0.2
Cell 2E							0.7	
Cell 2E				68.4		0.01		
Cell 2E				76.9		0.02		
Cell 2E								
Cell 2E				47.6				
Cell 2E				92.3				
Cell 2E				115				
Cell 2E							1	
Cell 2E								
Cell 2E				75.1				
Cell 2E				56.2				
Cell 2W	0.09			51.5		0.04		<0.2
Cell 2W	<0.03			41		<0.01		<0.2
Cell 2W	0.21			58.2		0.28		<0.2
Cell 2W	0.19			53.6		0.11		<0.2
Cell 2W	0.05			46.3		0.02		<0.2
Cell 2W	0.09			65.3		0.06		<0.2
Cell 2W	0.05			68.1		0.02		<0.2
Cell 2W	<0.03			66.1		0.05		<0.2

Tailings Basin WQ Data

Location Code	Iron, Dissolved (as Fe) - mg/L	Iron, Total (as Fe) - mg/L	Lead, Total (as Pb) - ug/L	Magnesium, Total (as Mg) - mg/L	Manganese, Dissolved (as Mn) - mg/L	Manganese, Total (as Mn) - mg/L	Mercury, Total (as Hg) - ng/L	Mercury, Total (as Hg) - ug/L
Cell 2W				27.6		0.08		
Cell 2W				23.9		0.58		
Emergency Basin		0.14						
Emergency Basin		2.92						
Emergency Basin		2.63						
Emergency Basin	<0.03			41		0.1		<0.2
Emergency Basin	<0.03			54		0.6		<0.2
Emergency Basin	<0.03			50.3		0.25		<0.2
Emergency Basin								
Emergency Basin	0.08			35.2		0.26		<0.2
Emergency Basin	0.04			36.6		0.14		<0.2
Emergency Basin	0.06			58.7		0.12		<0.2
Emergency Basin	<0.03			68.8		0.43		<0.2
Emergency Basin	<0.03			63.6		0.53		<0.2
Emergency Basin				57.8				<0.2
Emergency Basin	0.04			64.1		0.36		<0.2
Emergency Basin				65		0.55		<0.2
Emergency Basin				58.7		0.77		<0.2
Emergency Basin				58.4		0.87		<0.2
Emergency Basin				59.8		1.1		<0.2
Emergency Basin				62.3				<0.2
Emergency Basin				61.3		1.04		<0.2
Emergency Basin				61.5				<0.2
Emergency Basin				66.5		1.05		<0.2
Emergency Basin				58.7				<0.2
Emergency Basin				53.6		1.18		<0.2
Emergency Basin							4.2	
Emergency Basin				47.7				<0.2
Emergency Basin				49.7		0.17		<0.2
Emergency Basin				67		0.06		<0.2
Emergency Basin				63		0.09		<0.2
Emergency Basin							1.2	
Emergency Basin				59.8		0.1		<0.2
Emergency Basin				43.5		0.08		
Emergency Basin								
Emergency Basin				50.4				

Tailings Basin WQ Data

Location Code	Iron, Dissolved (as Fe) - mg/L	Iron, Total (as Fe) - mg/L	Lead, Total (as Pb) - ug/L	Magnesium, Total (as Mg) - mg/L	Manganese, Dissolved (as Mn) - mg/L	Manganese, Total (as Mn) - mg/L	Mercury, Total (as Hg) - ng/L	Mercury, Total (as Hg) - ug/L
Emergency Basin								
Emergency Basin				44.1		0.17		<0.2
Emergency Basin				54.7			1	
Emergency Basin								
Emergency Basin		<0.03		68.7		0.14		
Emergency Basin				66.3		0.15	<2.5	
Emergency Basin				73.3		0.21		
Emergency Basin		<0.03		77.2		0.77		
Emergency Basin		<0.03		72.5		0.85		
Emergency Basin		0.05		68.6		0.72		
Emergency Basin				68.8				
Emergency Basin				62.4		0.39	1.3	
Emergency Basin				56		0.11		
Emergency Basin				68.8		0.1	0.7	
Emergency Basin				69.1		0.11		
Emergency Basin		0.05						
Emergency Basin				70.3		0.1	1.6	
Emergency Basin		0.12		73.3		0.04		
Emergency Basin								
Emergency Basin				68.6		0.1	1.2	
Emergency Basin				68.9		0.27		
Emergency Basin		0.05		69.9		0.68		
Emergency Basin				68.6		0.98		
Emergency Basin		0.22		68.4		0.72		
Emergency Basin				75.6		0.66		
Emergency Basin				34.7		0.18	3.6	
Emergency Basin				62.6		0.05		
Emergency Basin		0.08		59.1		0.07	1.6	
Emergency Basin				65.5		0.16		
Emergency Basin				63.3		0.02	<2	
Emergency Basin		0.06		54.7		0.05		
Emergency Basin				59		0.06		
Emergency Basin							<4	
Emergency Basin				55.9		0.03		
Emergency Basin		<0.03		74.9		0.45		
Emergency Basin				75.2		0.83		

Tailings Basin WQ Data

Location Code	Iron, Dissolved (as Fe) - mg/L	Iron, Total (as Fe) - mg/L	Lead, Total (as Pb) - ug/L	Magnesium, Total (as Mg) - mg/L	Manganese, Dissolved (as Mn) - mg/L	Manganese, Total (as Mn) - mg/L	Mercury, Total (as Hg) - ng/L	Mercury, Total (as Hg) - ug/L
Emergency Basin				75.9		0.62		
Emergency Basin		0.3		77.7		0.95		
Emergency Basin				31		0.39	2.6	
Emergency Basin				68.4		0.04		
Emergency Basin				63		0.13	1.2	
Emergency Basin				71.8		0.05		
Emergency Basin				86.4		0.12	1.5	
Emergency Basin		0.05		87.4		0.05		
GW-001						0.72		
GW-001					0.69			
GW-001					0.8			
GW-001					1.02			
GW-001								
GW-001						0.98		
GW-001						3.3		
GW-001								
GW-001						0.98		
GW-001						0.04		
GW-001						4.02		
GW-001						3.12		
GW-001						1.1		
GW-001						0.97		
GW-001						1.53		
GW-001								
GW-001						1.71		
GW-002								
GW-002					0.18			
GW-002					<0.01			
GW-002						0.02		
GW-002						0.07		
GW-002								
GW-002						0.01		
GW-002						1.17		
GW-002						0.02		
GW-002						<0.01		
GW-002						0.01		

Tailings Basin WQ Data

Location Code	Iron, Dissolved (as Fe) - mg/L	Iron, Total (as Fe) - mg/L	Lead, Total (as Pb) - ug/L	Magnesium, Total (as Mg) - mg/L	Manganese, Dissolved (as Mn) - mg/L	Manganese, Total (as Mn) - mg/L	Mercury, Total (as Hg) - ng/L	Mercury, Total (as Hg) - ug/L
GW-002						0.02		
GW-002						0.05		
GW-002						0.15		
GW-003		4.26		46.2				
GW-003	<0.03	0.2		59.5				
GW-003	<0.03	7.94		2				
GW-003	<0.03	2.2		0.94				
GW-003	<0.03	3.2		2.3				
GW-003	0.11	3.3		50.8				
GW-003	<0.03	7.5		8.8				
GW-003								
GW-003								
GW-003								
GW-003								
GW-003								
GW-003								
GW-003								
GW-003								
GW-004		0.69		33.6				
GW-004	<0.03	0.23		58.4				
GW-004	<0.03	0.14		46.8				
GW-004	0.06	4		17.3				
GW-004	<0.03	31.1		20.4				
GW-004	0.03	4.8		15.6				
GW-004						2.33		
GW-004								
GW-004								
GW-004								
GW-004								
GW-004								
GW-004								
GW-004								
GW-004								
GW-004								
GW-004								
GW-004								

Tailings Basin WQ Data

Location Code	Iron, Dissolved (as Fe) - mg/L	Iron, Total (as Fe) - mg/L	Lead, Total (as Pb) - ug/L	Magnesium, Total (as Mg) - mg/L	Manganese, Dissolved (as Mn) - mg/L	Manganese, Total (as Mn) - mg/L	Mercury, Total (as Hg) - ng/L	Mercury, Total (as Hg) - ug/L
GW-004								
GW-004								
GW-005		12.1		21				
GW-005	0.05	0.23		57.4				
GW-005	<0.03	2.78		<0.5				
GW-005	0.04	30.1		2.6				
GW-005	<0.03	1.6		<0.5				
GW-005	0.05	4.3		52.7				
GW-005	0.03	4.6		8.4				
GW-005								
GW-005								
GW-005								
GW-005								
GW-005								
GW-005								
GW-005								
GW-005								
GW-005								
GW-005								
GW-005								
GW-005								
GW-005								
GW-005								
GW-006	<0.03			102		0.82		<0.2
GW-006					0.04			
GW-006					0.23			
GW-006								
GW-006					0.65			
GW-006					0.84			
GW-006								
GW-006						0.99		
GW-006						1.3		
GW-006								
GW-006						1.07		
GW-006						0.86		
GW-006						0.92		
GW-006						0.53		

Tailings Basin WQ Data

Location Code	Iron, Dissolved (as Fe) - mg/L	Iron, Total (as Fe) - mg/L	Lead, Total (as Pb) - ug/L	Magnesium, Total (as Mg) - mg/L	Manganese, Dissolved (as Mn) - mg/L	Manganese, Total (as Mn) - mg/L	Mercury, Total (as Hg) - ng/L	Mercury, Total (as Hg) - ug/L
GW-006						2.22		
GW-006								
GW-006						1.12		
GW-006						1.23		
GW-007					1.12			
GW-007					1.24			
GW-007								
GW-007					1.07			
GW-007					1.07			
GW-007						1.06		
GW-007						1.2		
GW-007								
GW-007						1.17		
GW-007						1.22		
GW-007						1.18		
GW-007						0.94		
GW-007						1.07		
GW-007						1.02		
GW-007								
GW-007						1.06		
GW-008					0.14			
GW-008								
GW-008					0.68			
GW-008					0.24			
GW-008						0.16		
GW-008						0.46		
GW-008								
GW-008						0.55		
GW-008						0.1		
GW-008						0.2		
GW-008						0.11		
GW-008						0.16		
GW-008						0.31		
GW-008						0.04		
GW-008						0.05		
SD-001		0.19		70.9				

Tailings Basin WQ Data

Location Code	Iron, Dissolved (as Fe) - mg/L	Iron, Total (as Fe) - mg/L	Lead, Total (as Pb) - ug/L	Magnesium, Total (as Mg) - mg/L	Manganese, Dissolved (as Mn) - mg/L	Manganese, Total (as Mn) - mg/L	Mercury, Total (as Hg) - ng/L	Mercury, Total (as Hg) - ug/L
SD-001	0.13	0.31		70.7				
SD-001	0.08	5.1		129				
SD-001	0.07	0.46		81.3				
SD-001	0.13	0.39		71.4				
SD-001	0.06	0.23		63.7				
SD-001	<0.03	0.13		70				
SD-001	0.06			56.2		<0.01		
SD-001	0.07			51.5		0.01		<0.2
SD-001	0.08			55.1		0.05		<0.2
SD-001	0.07			59.2		0.03		<0.2
SD-001	0.08			67.7		0.05		<0.2
SD-001	0.06			62.9		0.03		<0.2
SD-001	0.14			61.4		0.08		<0.2
SD-001								
SD-001	0.08			64.6		0.03		<0.2
SD-001	0.11			61.9		0.06		<0.2
SD-001	0.05			59.8		0.02		<0.2
SD-001	<0.03			65.5		0.07		<0.2
SD-001	0.05			71		0.17		<0.02
SD-001	0.1			69.3		0.04		<0.2
SD-001	0.05			74.6		0.03		<0.2
SD-001	0.04			75.4		0.02		<0.2
SD-001	<0.03			65.8		0.02		<0.2
SD-001	0.05			63.4		0.02		<0.2
SD-001	0.03			56.6		0.02		<0.2
SD-001	<0.03			60.2		<0.01		<0.2
SD-001	<0.03			63.9		0.01		<0.2
SD-001	<0.03			65.8		<0.01		<0.2
SD-001	<0.03			63.8		0.01		<0.2
SD-001	<0.03			66		0.01		<0.2
SD-001	0.05			56.2		0.01		<0.2
SD-001	<0.03			56.6		0.01		<0.2
SD-001	0.05			59.1		0.01		<0.2
SD-001								
SD-001	0.03			56.2		0.02		<0.2
SD-001	<0.03			65.1		0.04		<0.2

Tailings Basin WQ Data

Location Code	Iron, Dissolved (as Fe) - mg/L	Iron, Total (as Fe) - mg/L	Lead, Total (as Pb) - ug/L	Magnesium, Total (as Mg) - mg/L	Manganese, Dissolved (as Mn) - mg/L	Manganese, Total (as Mn) - mg/L	Mercury, Total (as Hg) - ng/L	Mercury, Total (as Hg) - ug/L
SD-001	<0.03			63.7		0.04		<0.2
SD-001	0.03			70.7		0.05		<0.2
SD-001	<0.03			63.3		0.05		<0.2
SD-001	0.03			65		0.03		<0.2
SD-001	<0.03			61		0.04		<0.2
SD-001	<0.03			64.3		0.04		<0.2
SD-001	<0.03			59.7		0.05		<0.2
SD-001	0.03			64.5		0.04		<0.2
SD-001	0.03			64.7		0.03		<0.2
SD-001	<0.03			72.2		0.07		<0.2
SD-001	0.07			100		0.14		<0.2
SD-001	<0.03			63.7		0.04		<0.2
SD-001	<0.03			61.4		0.04		
SD-001				42				
SD-001							3.1	
SD-001	0.12			33.9		0.05		
SD-001				37.1				
SD-001	0.04			46.6		0.01		<0.2
SD-001				53				
SD-001	<0.03			52.9		0.01		<0.2
SD-001				56.9				<0.2
SD-001	<0.03			56.6		0.01		<0.2
SD-001				57.5				
SD-001							0.8	
SD-001								
SD-001				38.9				
SD-001	0.04			52.8		0.07		<0.2
SD-001				40.4				
SD-001	<0.03			56.4		0.1		<0.2
SD-001				49.6				<0.2
SD-001								
SD-001	0.14			39.4		0.02		<0.2
SD-001				44.7				
SD-001		0.07		48.5		0.06	<5	<0.2
SD-001				49.1				
SD-001								

Tailings Basin WQ Data

Location Code	Iron, Dissolved (as Fe) - mg/L	Iron, Total (as Fe) - mg/L	Lead, Total (as Pb) - ug/L	Magnesium, Total (as Mg) - mg/L	Manganese, Dissolved (as Mn) - mg/L	Manganese, Total (as Mn) - mg/L	Mercury, Total (as Hg) - ng/L	Mercury, Total (as Hg) - ug/L
SD-001		<0.03		62.4		0.02		
SD-001				59			<2.5	
SD-001				67.7				
SD-001		0.04		71.1		0.03		
SD-001		0.04		69.5		0.03		
SD-001		0.24		96.3		0.05		
SD-001				76.2				
SD-001		0.28				0.38		
SD-001				52.7			2.4	
SD-001				48.3				
SD-001				58.2		0.02	<2	
SD-001		0.06						
SD-001				54				
SD-001		0.11				0.08		
SD-001				61.2				
SD-001		0.06		69.5		0.06		
SD-001				60.5			1	
SD-001				63.7				
SD-001		0.05		59.7		0.11		
SD-001				73				
SD-001		0.14		71.4		0.13		
SD-001		0.05		83.9		0.21		
SD-001				31.3			2.4	
SD-001				49				
SD-001		0.11		50.3		0.13	0.7	
SD-001				61				
SD-001				61.4			<2	
SD-001		0.08		62.9		0.11		
SD-001				58.4			<0.5	
SD-001				55.2				
SD-001		4.33		33		2.03		
SD-001				86.4				
SD-001				52.4				
SD-001		2.56	<1	86.6		1.14		
SD-001				41.7			4.1	
SD-001				53.8				

Tailings Basin WQ Data

Location Code	Iron, Dissolved (as Fe) - mg/L	Iron, Total (as Fe) - mg/L	Lead, Total (as Pb) - ug/L	Magnesium, Total (as Mg) - mg/L	Manganese, Dissolved (as Mn) - mg/L	Manganese, Total (as Mn) - mg/L	Mercury, Total (as Hg) - ng/L	Mercury, Total (as Hg) - ug/L
SD-001		0.33		56.1		0.11	0.7	
SD-001				62.7				
SD-001				74.7			2.3	
SD-001		<0.05		77.7		0.06		
SD-001							0.9	
SD-002		0.38		75.1				
SD-002	0.1	0.3		68.7				
SD-002	<0.03	0.48		76.3				
SD-002	0.07	0.39		79.8				
SD-002	<0.03	0.26		85				
SD-002	<0.03	0.44		98.9				
SD-002	0.03	0.62		90.2				
SD-002	0.13			103		0.15		
SD-002	0.14			94.5		0.21		<0.2
SD-002	0.15			95.1		0.14		<0.2
SD-002	0.09			89.7		0.4		<0.2
SD-002	0.12			107		0.05		<0.2
SD-002	<0.03			105		0.05		<0.2
SD-002	0.04			101		0.02		<0.2
SD-002	0.05			88.4		0.1		<0.2
SD-002	<0.03			96.4		0.1		<0.2
SD-002	<0.03			87.8		0.06		<0.2
SD-002	<0.03			98.6		0.08		<0.2
SD-002	0.05			108		0.31		<0.02
SD-002	0.04			102		0.07		<0.2
SD-002	<0.03			115		0.42		<0.2
SD-002	0.03			114		0.09		<0.2
SD-002	0.17			94.9		0.16		<0.2
SD-002	<0.03			95.6		0.31		<0.2
SD-002	<0.03			94.6		0.27		<0.2
SD-002	<0.03			98.7		0.48		<0.2
SD-002	0.06			98.5		0.2		<0.2
SD-002	0.07			103		0.29		<0.2
SD-002	0.07			103		0.59		<0.2
SD-002	0.07			107		0.36		<0.2
SD-002	0.09			89.4		0.51		<0.2

Tailings Basin WQ Data

Location Code	Iron, Dissolved (as Fe) - mg/L	Iron, Total (as Fe) - mg/L	Lead, Total (as Pb) - ug/L	Magnesium, Total (as Mg) - mg/L	Manganese, Dissolved (as Mn) - mg/L	Manganese, Total (as Mn) - mg/L	Mercury, Total (as Hg) - ng/L	Mercury, Total (as Hg) - ug/L
SD-002	0.03			85.5		0.79		<0.2
SD-002	0.03			94.3		2.07		<0.2
SD-002								
SD-002	<0.03			89.3		1.22		<0.2
SD-002	<0.03			91.9		1.57		<0.2
SD-002	<0.03			93.6		1.72		<0.2
SD-002	<0.03			109		1.63		<0.2
SD-002	<0.03			101		1.49		<0.2
SD-002	0.03			99.9		1.51		<0.2
SD-002	<0.03			97.8		1.51		<0.2
SD-002	0.15			54.1		0.13		<0.2
SD-002	0.03			94.2		1.4		<0.2
SD-002	0.05			97.3		1.41		<0.2
SD-002	0.04			91.9		1.24		<0.2
SD-002	0.04			98.4		1.46		<0.2
SD-002	0.03			89.2		1.1		<0.2
SD-002	<0.03			87.7		1.1		<0.2
SD-002	<0.03			89.9		1.07		<0.2
SD-002	<0.03			84		0.97		
SD-002				33.4				
SD-002							1.8	
SD-002	<0.03			72.9		0.29		
SD-002				75.2				
SD-002	<0.03			87.2		0.18		<0.2
SD-002				89				
SD-002	0.09			86.9		0.11		<0.2
SD-002				91				<0.2
SD-002	<0.03			83.4		0.09		<0.2
SD-002				85.7				
SD-002							0.7	
SD-002								
SD-002				78.6				
SD-002	<0.03			78.6		0.46		<0.2
SD-002				73.4				
SD-002	<0.03			82.8		0.47		<0.2
SD-002				71.2				<0.2

Tailings Basin WQ Data

Location Code	Iron, Dissolved (as Fe) - mg/L	Iron, Total (as Fe) - mg/L	Lead, Total (as Pb) - ug/L	Magnesium, Total (as Mg) - mg/L	Manganese, Dissolved (as Mn) - mg/L	Manganese, Total (as Mn) - mg/L	Mercury, Total (as Hg) - ng/L	Mercury, Total (as Hg) - ug/L
SD-002								
SD-002	<0.03			70.7		0.18		<0.2
SD-002				83				
SD-002		<0.03		86.2		*0.83	0.6	<0.2
SD-002				75.6				
SD-002								
SD-002		<0.03		58.7		0.02		
SD-002				65.4			<2.5	
SD-002				63.9				
SD-002		0.25		59.3		1.89		
SD-002		0.31		70.6		2.19		
SD-002		0.93		71.4		2.58		
SD-002				81.1				
SD-002		0.89				0.54		
SD-002				134			2	
SD-002				66.1				
SD-002				66.9		0.54	<2	
SD-002		0.04						
SD-002				68.9				
SD-002		0.07				0.5		
SD-002				70.2				
SD-002		0.07		61.6		0.91		
SD-002				65.4			1.5	
SD-002				60.1				
SD-002		0.04		54.1		0.47		
SD-002				67.2				
SD-002		0.23		58		0.9		
SD-002		0.09		62.6		0.85		
SD-002				15.3				
SD-002							1.6	
SD-002				59.4				
SD-002		0.12		62.8		0.86	1.1	
SD-002				62.2				
SD-002				57.7			<2	
SD-002		0.05		59.9		1.79		
SD-002				61.8			1.1	

Tailings Basin WQ Data

Location Code	Iron, Dissolved (as Fe) - mg/L	Iron, Total (as Fe) - mg/L	Lead, Total (as Pb) - ug/L	Magnesium, Total (as Mg) - mg/L	Manganese, Dissolved (as Mn) - mg/L	Manganese, Total (as Mn) - mg/L	Mercury, Total (as Hg) - ng/L	Mercury, Total (as Hg) - ug/L
SD-002				55.8				
SD-002		0.3		57		0.45		
SD-002				58.7				
SD-002				71.8				
SD-002		0.12	7.1	65.8		1.92		
SD-002				58.5			1.9	
SD-002				60.3				
SD-002		0.18		64		1.07	1.1	
SD-002				64.8				
SD-002				85.9			2.3	
SD-002		<0.05		68.9		1.16		
SD-002							1.2	
SD-003								
SD-004	0.1			111		0.91		
SD-004	0.05			186		0.76		
SD-004	0.17					0.69		
SD-004	<0.03					0.85		
SD-004							<0.5	
SD-004							0.9	
SD-004		<0.03		84.5		0.73		
SD-004							4	
SD-004		3.49				0.8		
SD-004		3.21				0.72		
SD-004							2.4	
SD-004		3.68				0.77	<2	
SD-004								
SD-004		3.12		74.7		0.67		
SD-004								
SD-004							<0.5	
SD-004		2.24				0.66		
SD-004		1.63				0.64		
SD-004								
SD-004							<0.5	
SD-004		3.1				0.65	<0.5	
SD-004							1	
SD-004		3.49		86.9		0.69		

Tailings Basin WQ Data

Location Code	Iron, Dissolved (as Fe) - mg/L	Iron, Total (as Fe) - mg/L	Lead, Total (as Pb) - ug/L	Magnesium, Total (as Mg) - mg/L	Manganese, Dissolved (as Mn) - mg/L	Manganese, Total (as Mn) - mg/L	Mercury, Total (as Hg) - ng/L	Mercury, Total (as Hg) - ug/L
SD-004							0.8	
SD-004		3.26				0.66		
SD-004		0.88	<1	98.6		0.63		
SD-004							0.7	
SD-004		2.82				0.61	<0.5	
SD-004							4.5	
SD-004		3.47		111		0.63		
SD-004							<0.5	
SD-006		1.09		31.7				
SD-006	0.13	0.28		50.6				
SD-006	0.52	1.02		42.4				
SD-006	0.49	0.72		7.32				
SD-006	0.17	0.33		52.1				
SD-006	0.87	1.1		15.7				
SD-006	0.57	4.5		29.8				
SD-006	0.12			45		0.13		
SD-006								
SD-006	0.26			48.9				
SD-006	0.14			47				
SD-006	0.13			63.4		0.31		
SD-006								
SD-006								
SD-006								
SD-006								
SD-006	0.04					0.44		
SD-006								
SD-006								
SD-006								
SD-006								
SD-006	<0.03					0.44		
SD-006								
SD-006								
SD-006							1.7	
SD-006								
SD-006								
SD-006	0.1					0.13		

Tailings Basin WQ Data

Location Code	Iron, Dissolved (as Fe) - mg/L	Iron, Total (as Fe) - mg/L	Lead, Total (as Pb) - ug/L	Magnesium, Total (as Mg) - mg/L	Manganese, Dissolved (as Mn) - mg/L	Manganese, Total (as Mn) - mg/L	Mercury, Total (as Hg) - ng/L	Mercury, Total (as Hg) - ug/L
SD-006							0.7	
SD-006								
SD-006								
SD-006								
SD-006								
SD-006								
SD-006							1	
SD-006								
SD-006	0.03	0.25		63.3		0.08		
SD-006								
SD-006							<2.5	
SD-006		<0.03		75.5		0.35		
SD-006				72.4				
SD-006				69.9				
SD-006		0.09				0.49		
SD-006							1.9	
SD-006				57.3				
SD-006		0.05				0.13	<2	
SD-006				63.5				
SD-006								
SD-006		0.25		59.9		0.08		
SD-006		0.23		65.2				
SD-006		n0.51		62.6				
SD-006							1.7	
SD-006								
SD-006		<0.03				0.34		
SD-006				71.2				
SD-006		0.03		74.5		0.3		
SD-006							2.5	
SD-006		0.36		50.9		0.19	1.8	
SD-006								
SD-006							2.8	
SD-006		0.27		51.4		0.14		
SD-006		0.57		50.3				
SD-006		0.48		50.4				
SD-006								

Tailings Basin WQ Data

Location Code	Iron, Dissolved (as Fe) - mg/L	Iron, Total (as Fe) - mg/L	Lead, Total (as Pb) - ug/L	Magnesium, Total (as Mg) - mg/L	Manganese, Dissolved (as Mn) - mg/L	Manganese, Total (as Mn) - mg/L	Mercury, Total (as Hg) - ng/L	Mercury, Total (as Hg) - ug/L
SD-006							<0.5	
SD-006		0.17		70.9		0.14		
SD-006								
SD-006								
SD-006								
SD-006		0.07	<1	81.4		0.66		
SD-006							4.6	
SD-006		0.23				0.12	0.5	
SD-006							1.1	
SD-006		0.37		91.6		0.11		
SD-006		0.29		82.7				
SD-006		0.28		78.5				
SD-006							<0.5	
SW-003								
SW-003								
SW-003								
SW-003								
SW-003								
SW-003								
SW-003							<2.5	
SW-003								
SW-003								
SW-003								
SW-003							0.8	
SW-003							1.9	
SW-003							2	
SW-003								
SW-003							1.9	
SW-003								
SW-003								
SW-003							2.2	
SW-003							0.7	
SW-003								
SW-003							<4	
SW-003								
SW-003								

Tailings Basin WQ Data

Location Code	Iron, Dissolved (as Fe) - mg/L	Iron, Total (as Fe) - mg/L	Lead, Total (as Pb) - ug/L	Magnesium, Total (as Mg) - mg/L	Manganese, Dissolved (as Mn) - mg/L	Manganese, Total (as Mn) - mg/L	Mercury, Total (as Hg) - ng/L	Mercury, Total (as Hg) - ug/L
SW-003							<5	
SW-003							4	
SW-003							*4.3	
SW-003								
SW-004						0.15		
SW-004								
SW-004	1.29			3.3				
SW-004	1.47			3.8				
SW-004	2.37			3.7		0.17		<0.2
SW-004	3.26			6		0.38		<0.2
SW-004	1.64			13.4		0.15		<0.2
SW-004								
SW-004	2			14.1		0.13		<0.2
SW-004	1.44			6.3		0.06		<0.2
SW-004	3.04			5.2		0.41		<0.2
SW-004	2.41			14		0.46		<0.2
SW-004	0.89			17.4		0.22		<0.2
SW-004								
SW-004								
SW-004								
SW-004								
SW-004						0.04		
SW-004								
SW-004						0.14		
SW-004								
SW-004								
SW-004						0.13		
SW-004								
SW-004						0.17		
SW-004						0.09		
SW-004								
SW-004								
SW-004								
SW-004								
SW-004						0.1		
SW-004								

Tailings Basin WQ Data

Location Code	Iron, Dissolved (as Fe) - mg/L	Iron, Total (as Fe) - mg/L	Lead, Total (as Pb) - ug/L	Magnesium, Total (as Mg) - mg/L	Manganese, Dissolved (as Mn) - mg/L	Manganese, Total (as Mn) - mg/L	Mercury, Total (as Hg) - ng/L	Mercury, Total (as Hg) - ug/L
SW-004								
SW-004								
SW-004								
SW-004								
SW-004								
SW-004								
SW-004		2.98		6.9		0.22		
SW-004								
SW-004								
SW-004								
SW-004						0.17		
SW-004						0.16		
SW-004						1.09		
SW-004								
SW-004						0.26		
SW-004								
SW-004				2.3				
SW-004								
SW-004						0.14		
SW-004								
SW-004						0.09		
SW-004								
SW-004		1.81		6		0.06		
SW-004								
SW-004								
SW-004						0.05		
SW-004								
SW-004						0.15		
SW-004						0.15		
SW-004								
SW-004								
SW-004						0.12		
SW-004								
SW-004								
SW-004								
SW-004		2.86		4.1		0.08		

Tailings Basin WQ Data

Location Code	Iron, Dissolved (as Fe) - mg/L	Iron, Total (as Fe) - mg/L	Lead, Total (as Pb) - ug/L	Magnesium, Total (as Mg) - mg/L	Manganese, Dissolved (as Mn) - mg/L	Manganese, Total (as Mn) - mg/L	Mercury, Total (as Hg) - ng/L	Mercury, Total (as Hg) - ug/L
SW-004								
SW-004								
SW-004						0.14		
SW-004								
SW-004								
SW-004						0.17		
SW-004								
SW-004								
SW-004						0.12		
SW-004								
SW-004								
SW-004		2.29		9.8		0.91		
SW-005								
SW-005	1.71			12.3		0.15		<0.2
SW-005	1.94			18.7		0.18		<0.2
SW-005	1.6			14		0.12		<0.2
SW-005								
SW-005	2.15			16.5		0.12		<0.2
SW-005	1.51			6.5		0.07		<0.2
SW-005	5.01			11.7		0.44		<0.2
SW-005	3.44			14.8		0.35		<0.2
SW-005	0.88			17.6		0.19		<0.2
SW-005								
SW-005								
SW-005								
SW-005								
SW-005						0.1		
SW-005								
SW-005						0.3		
SW-005								
SW-005								
SW-005						0.18		
SW-005								
SW-005								
SW-005								
SW-005								

Tailings Basin WQ Data

Location Code	Iron, Dissolved (as Fe) - mg/L	Iron, Total (as Fe) - mg/L	Lead, Total (as Pb) - ug/L	Magnesium, Total (as Mg) - mg/L	Manganese, Dissolved (as Mn) - mg/L	Manganese, Total (as Mn) - mg/L	Mercury, Total (as Hg) - ng/L	Mercury, Total (as Hg) - ug/L
SW-005								
SW-005								
SW-005								
SW-005								
SW-005								
SW-005								
SW-005								
SW-005								
SW-005								
SW-005								
SW-005								
SW-005								
SW-005								
SW-005								
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SW-005								
SW-005								
SW-005								
SW-005								
SW-005								
SW-005								
SW-005								
SW-005								
SW-005								
SW-005								
SW-005								

Tailings Basin WQ Data

Location Code	Iron, Dissolved (as Fe) - mg/L	Iron, Total (as Fe) - mg/L	Lead, Total (as Pb) - ug/L	Magnesium, Total (as Mg) - mg/L	Manganese, Dissolved (as Mn) - mg/L	Manganese, Total (as Mn) - mg/L	Mercury, Total (as Hg) - ng/L	Mercury, Total (as Hg) - ug/L
SW-005								
SW-005								
SW-005								
SW-005								
SW-005								
SW-005								
SW-005								
SW-005								
SW-005								
SW-005								
SW-005								
SW-005								
SW-005								
SW-005								
SW-005								
West Side Seep								
West Side Seep	0.08			104		0.51		<0.2
West Side Seep	0.04			97.5		0.59		<0.2
West Side Seep	0.06			93.9		0.54		<0.2
West Side Seep	0.04			92.3		0.58		<0.2
West Side Seep	0.03			87.3		0.55		<0.2
West Side Seep	0.04			105		0.61		<0.2
West Side Seep	<0.03			84.3		0.46		<0.2
West Side Seep				91.5		0.74		<0.2
West Side Seep				89.8		0.79		<0.2
West Side Seep				84.3		0.85		<0.2
West Side Seep				74.8				<0.2
West Side Seep				77.9		0.89		<0.2
West Side Seep							0.8	
West Side Seep				80.7		0.59		<0.2
West Side Seep				79.5		0.36		
West Side Seep							<0.5	
West Side Seep				78.5		0.4		
West Side Seep								
West Side Seep				79.7		0.4		
West Side Seep								
West Side Seep				92.1		0.67	<2.5	

Tailings Basin WQ Data

Location Code	Iron, Dissolved (as Fe) - mg/L	Iron, Total (as Fe) - mg/L	Lead, Total (as Pb) - ug/L	Magnesium, Total (as Mg) - mg/L	Manganese, Dissolved (as Mn) - mg/L	Manganese, Total (as Mn) - mg/L	Mercury, Total (as Hg) - ng/L	Mercury, Total (as Hg) - ug/L
West Side Seep				99		1.01		
West Side Seep				95.2		1.12		
West Side Seep				91.1		0.71		
West Side Seep								
West Side Seep				107		0.39	<0.5	
West Side Seep				105		0.28		
West Side Seep				99.7		1.42		
West Side Seep				101		0.26		
West Side Seep				104		0.29		
West Side Seep				108		1.3		
West Side Seep								
West Side Seep				117		0.09		
West Side Seep				121		0.16		
West Side Seep				134		0.28		
West Side Seep				129		0.22		
Wetland - 003							1.4	
Wetland - 003							2.4	
Wetland - 003							3.5	
Wetland - 003							1.7	
Wetland - 003							1.2	
Wetland - 003							2	
Wetland - 003							4.4	
Wetland - 003							<2	
Wetland - 003							<4	
Wetland - 003							<5	
Wetland - 003							<4	
Wetland - 003							*<4	
Wetland - North							3.4	
Wetland - North							4.4	
Wetland - North							3.5	
Wetland - North							4.6	
Wetland - North							2.9	
Wetland - North							6.7	
Wetland - North							4.2	
Wetland - North							<2	
Wetland - North							<4	

Tailings Basin WQ Data

Location Code	Iron, Dissolved (as Fe) - mg/L	Iron, Total (as Fe) - mg/L	Lead, Total (as Pb) - ug/L	Magnesium, Total (as Mg) - mg/L	Manganese, Dissolved (as Mn) - mg/L	Manganese, Total (as Mn) - mg/L	Mercury, Total (as Hg) - ng/L	Mercury, Total (as Hg) - ug/L
Wetland - North							<5	
Wetland - North							*4.1	
WS-011		1.59		105				
WS-011	0.05	0.98		89.1				
WS-011	<0.03	1.35		93.7				
WS-011	0.03	2.2		48.7				
WS-011	0.03	1.7		91.3				
WS-011	0.04	5.9		105				
WS-011	0.03	1.6		98				
WS-011								
WS-011								
WS-011								
WS-011								
WS-011								
WS-011								
WS-011								
WS-011								
WS-011								
WS-011								
WS-011								
WS-011								
WS-011								
WS-011								
WS-011								
WS-012		0.14		49.7				
WS-012	<0.03	0.13		51.8				
WS-012	<0.03	0.19		48				
WS-012	0.03	1.2		48.7				
WS-012	<0.03	0.18		47				
WS-012	0.06	0.35		49.9				
WS-012	0.04	2.2		45.7				
WS-012								
WS-012								
WS-012								
WS-012								
WS-012								
WS-012								

Tailings Basin WQ Data

Location Code	Iron, Dissolved (as Fe) - mg/L	Iron, Total (as Fe) - mg/L	Lead, Total (as Pb) - ug/L	Magnesium, Total (as Mg) - mg/L	Manganese, Dissolved (as Mn) - mg/L	Manganese, Total (as Mn) - mg/L	Mercury, Total (as Hg) - ng/L	Mercury, Total (as Hg) - ug/L
WS-012								
WS-012								
WS-012								
WS-012								
WS-012								
WS-012								
WS-012								
WS-012								
WS-013		0.15		57.5				
WS-013	<0.03	0.11		56.7				
WS-013	<0.03	0.28		52.5				
WS-013	0.03	0.45		52.8				
WS-013	<0.03	0.79		48.7				
WS-013	<0.03	0.19		53.9				
WS-013	0.04	3.3		52.3				
WS-013	<0.03			50.3		0.57		<0.2
WS-013	0.05			54		0.6		<0.2
WS-013	<0.03			51.3		0.59		<0.2
WS-013	0.04			51.2		0.59		<0.2
WS-013	<0.03			50.1		0.66		<0.2
WS-013	0.08			53.5		0.82		<0.2
WS-013	0.06			58		0.67		<0.2
WS-013	<0.03			52.9		0.53		<0.2
WS-013	0.03			57.7		0.61		<0.2
WS-013				51		0.55		<0.2
WS-013				52		0.66		<0.2
WS-013				54.3		0.55		<0.2
WS-013				57.1		0.49		<0.2
WS-013				60.5		0.82		
WS-013							1.3	
WS-013				69.1		0.75		<0.2
WS-013								
WS-013				67.1		0.49		<0.2
WS-013							<0.5	
WS-013				70.9		0.54		<0.2
WS-013								

Tailings Basin WQ Data

Location Code	Iron, Dissolved (as Fe) - mg/L	Iron, Total (as Fe) - mg/L	Lead, Total (as Pb) - ug/L	Magnesium, Total (as Mg) - mg/L	Manganese, Dissolved (as Mn) - mg/L	Manganese, Total (as Mn) - mg/L	Mercury, Total (as Hg) - ng/L	Mercury, Total (as Hg) - ug/L
WS-013				83.4		0.77		<0.2
WS-013							1	
WS-013								
WS-013				109				
WS-013				102		0.67	<2.5	
WS-013				108				
WS-013				108				
WS-013				116				
WS-013				119				
WS-013				128				
WS-013				59.8		0.6	1.1	
WS-013								
WS-013								
WS-013				133				
WS-013				141		0.59		
WS-013				151		0.41	1.2	
WS-013				141				
WS-013				133				
WS-013				157		0.29	0.9	
WS-013				136				
WS-013				149				
WS-013				157				
WS-013				148				
WS-013				154				
WS-013				151		0.48	2.6	
WS-013				153				
WS-013				150			<0.5	
WS-013				143		0.07	<0.5	
WS-013				140				
WS-013						0.14	<4	
WS-013				145				
WS-013				152				
WS-013				44.8				
WS-013				119				
WS-013				101				
WS-013						0.52	6.3	

Tailings Basin WQ Data

Location Code	Iron, Dissolved (as Fe) - mg/L	Iron, Total (as Fe) - mg/L	Lead, Total (as Pb) - ug/L	Magnesium, Total (as Mg) - mg/L	Manganese, Dissolved (as Mn) - mg/L	Manganese, Total (as Mn) - mg/L	Mercury, Total (as Hg) - ng/L	Mercury, Total (as Hg) - ug/L
WS-013				148				

Tailings Basin WQ Data

Location Code	Methylene Blue Active Substanc - mg/L	Molybdenum, Dissolved (as Mo) - ug/L	Molybdenum, Total (as Mo) - ug/L	Nickel, Dissolved (as Ni) - ug/L	Nickel, Total (as Ni) - ug/L	pH - SU	pH, Field - SU	Phosphorus, Total (as P) - mg/L
Cell 1E			156			7.9		
Cell 1E			128			9		
Cell 1E			186				8.80	
Cell 1E			168.8			8.5	8.50	
Cell 1E			181.6			9.1	9.10	
Cell 1E			148		<2	6.32	6.32	
Cell 1E			134		<2	8.99	8.99	
Cell 1E			113		<2	9.23	9.23	
Cell 1E			148		<2	8.91	8.91	
Cell 1E			101		<2	8.4	8.40	
Cell 1E			129		3.4	9.04	9.04	
Cell 1E			157		<2	8.58	8.58	
Cell 1E			142		<2	8.42	8.42	
Cell 1E			163		<2	7.31	7.31	
Cell 1E			170		<2		7.92	
Cell 1E			166		<2		8.48	
Cell 1E			171		<2		7.57	
Cell 1E			163		<2		7.75	
Cell 1E			167		2		7.91	
Cell 1E			134		<2			
Cell 1E								
Cell 1E			123		<2		8.20	
Cell 1E			124		3.8		8.41	
Cell 1E							8.43	
Cell 1E			63.5				9.22	
Cell 1E			130				9.01	
Cell 1E							9.37	
Cell 1E			72.4				8.5	
Cell 1E			131				9.10	
Cell 1E			130				8.41	
Cell 1E								
Cell 1E								
Cell 1E			92.2				9.14	
Cell 1E			88.5					
Cell 2E			64			8		
Cell 2E			140			8.68		

Tailings Basin WQ Data

Location Code	Methylene Blue Active Substanc - mg/L	Molybdenum, Dissolved (as Mo) - ug/L	Molybdenum, Total (as Mo) - ug/L	Nickel, Dissolved (as Ni) - ug/L	Nickel, Total (as Ni) - ug/L	pH - SU	pH, Field - SU	Phosphorus, Total (as P) - mg/L
Cell 2E			58.4				8.11	
Cell 2E			102			8.3	8.30	
Cell 2E			114			8.9	8.90	
Cell 2E			90.4		<2	6.64	6.64	
Cell 2E			9.7		<2	8.69	8.69	
Cell 2E			74		<2	8.87	8.87	
Cell 2E			96.4		<2	8.57	8.57	
Cell 2E			65.2		<2	8.1	8.10	
Cell 2E			105		<2	8.54	8.54	
Cell 2E			74.2		<2	8.72	8.72	
Cell 2E			83		<2	7.36	7.36	
Cell 2E			192		<2		7.53	
Cell 2E			119		<2		7.87	
Cell 2E							7.97	
Cell 2E								
Cell 2E			75		<2		8.30	
Cell 2E			70		<2		8.31	
Cell 2E							8.32	
Cell 2E			64.8				9.05	
Cell 2E			67				8.87	
Cell 2E							8.90	
Cell 2E			108				8.90	
Cell 2E			67.4				8.90	
Cell 2E			92.4				8.35	
Cell 2E								
Cell 2E								
Cell 2E			54.6				8.96	
Cell 2E			32.1					
Cell 2W			133.2				8.67	
Cell 2W			132.8			8.3	8.30	
Cell 2W			126			8.8	8.80	
Cell 2W			110		<2	6.77	6.77	
Cell 2W			112		<2	8.75	8.75	
Cell 2W			109		<2	8.95	8.95	
Cell 2W			136.8		<2	8.57	8.57	
Cell 2W			99.2		<2	8.2	8.20	

Tailings Basin WQ Data

Location Code	Methylene Blue Active Substanc - mg/L	Molybdenum, Dissolved (as Mo) - ug/L	Molybdenum, Total (as Mo) - ug/L	Nickel, Dissolved (as Ni) - ug/L	Nickel, Total (as Ni) - ug/L	pH - SU	pH, Field - SU	Phosphorus, Total (as P) - mg/L
Cell 2W			158				9.61	
Cell 2W			103				8.95	
Emergency Basin						8.26	8.1	
Emergency Basin						8.2		
Emergency Basin						7.51		
Emergency Basin			131.2				8.41	
Emergency Basin			105.2			7.8		
Emergency Basin			100.8			8.4		
Emergency Basin							7.98	
Emergency Basin			126.4		<2	6.85		
Emergency Basin			169		<2	8.1		
Emergency Basin			76.8		<2	8.25		
Emergency Basin			103		<2	8.16	8.16	
Emergency Basin			78			7.6	7.60	
Emergency Basin			82.4		4.9	8.61	8.61	
Emergency Basin			96.2			8.43	8.43	
Emergency Basin			91.2			8.27	8.27	
Emergency Basin			113			7.44	7.44	
Emergency Basin			119				7.65	
Emergency Basin			128				7.74	
Emergency Basin			114		<2		8.15	
Emergency Basin			101				7.75	
Emergency Basin			108		<2		7.74	
Emergency Basin			94.4		<2		8.04	
Emergency Basin			102		<2		7.32	
Emergency Basin			217		<2		7.10	
Emergency Basin								
Emergency Basin			52.2		<2		8.10	
Emergency Basin			75.6		<2		7.70	
Emergency Basin			97		<2		7.50	
Emergency Basin			98.2		<2		8.17	
Emergency Basin							8.16	
Emergency Basin			92		<2		7.86	
Emergency Basin			129				8.35	
Emergency Basin								
Emergency Basin			67.4			8.33		

Tailings Basin WQ Data

Location Code	Methylene Blue Active Substanc - mg/L	Molybdenum, Dissolved (as Mo) - ug/L	Molybdenum, Total (as Mo) - ug/L	Nickel, Dissolved (as Ni) - ug/L	Nickel, Total (as Ni) - ug/L	pH - SU	pH, Field - SU	Phosphorus, Total (as P) - mg/L
Emergency Basin							7.98	
Emergency Basin			49.4		<2		8.23	
Emergency Basin			69.2				8.07	
Emergency Basin							8.30	
Emergency Basin			81.5				8	
Emergency Basin			86				8.10	
Emergency Basin			80.8				8.10	
Emergency Basin			89.5				7.90	
Emergency Basin			80.2				8.24	
Emergency Basin			82.4				7.97	
Emergency Basin			68.5				7.94	
Emergency Basin			62				8.30	
Emergency Basin			73.8				8.7	
Emergency Basin			76.4				8.4	
Emergency Basin			61.6				8.4	
Emergency Basin							7.3	
Emergency Basin			60.2				8.5	
Emergency Basin			77.4				8.3	
Emergency Basin								
Emergency Basin			62.2				8.38	
Emergency Basin			61.4				8.50	
Emergency Basin			61.6				8.1	
Emergency Basin			64.2				8.2	
Emergency Basin			60				7.7	
Emergency Basin			63.2					
Emergency Basin			24				8.01	
Emergency Basin			54.6					
Emergency Basin			49.8				8.78	
Emergency Basin			54.6				8.32	
Emergency Basin			50.8				8.59	
Emergency Basin			37.8				8.34	
Emergency Basin			54.2					
Emergency Basin								
Emergency Basin			r39					
Emergency Basin			54					
Emergency Basin			57.2				7.92	

Tailings Basin WQ Data

Location Code	Methylene Blue Active Substanc - mg/L	Molybdenum, Dissolved (as Mo) - ug/L	Molybdenum, Total (as Mo) - ug/L	Nickel, Dissolved (as Ni) - ug/L	Nickel, Total (as Ni) - ug/L	pH - SU	pH, Field - SU	Phosphorus, Total (as P) - mg/L
Emergency Basin			54.4				7.85	
Emergency Basin			52.2				7.7	
Emergency Basin			17.4				8.5	
Emergency Basin			50.2					
Emergency Basin			32.8					
Emergency Basin			35.2					
Emergency Basin			41					
Emergency Basin			45.2					
GW-001			<5				7.71	
GW-001		5.6				7.27	7.27	
GW-001		5.1					7.60	
GW-001		12.9					7.45	
GW-001							7.13	
GW-001			5.6					
GW-001			9.2				7.16	
GW-001								
GW-001			8.4				6.19	
GW-001			<5				6.93	
GW-001			8.8				7.6	
GW-001			8.7					
GW-001			6.5					
GW-001			5.4				7.32	
GW-001			<5					
GW-001								
GW-001			8.6					
GW-002							8.41	
GW-002		5				8.41		
GW-002		<5					7.90	
GW-002			<5					
GW-002			5.6				6.24	
GW-002								
GW-002			<5				6.73	
GW-002			6.5				7.15	
GW-002			<5					
GW-002			<5				8.2	
GW-002			<5					

Tailings Basin WQ Data

Location Code	Methylene Blue Active Substanc - mg/L	Molybdenum, Dissolved (as Mo) - ug/L	Molybdenum, Total (as Mo) - ug/L	Nickel, Dissolved (as Ni) - ug/L	Nickel, Total (as Ni) - ug/L	pH - SU	pH, Field - SU	Phosphorus, Total (as P) - mg/L
GW-002			<5				7.96	
GW-002			<5					
GW-002			<5					
GW-003					5.1		7.21	
GW-003					<2	7.2		
GW-003					9.9	7.5		
GW-003					5.1	7.8		
GW-003					4.2	9.07		
GW-003					2.3	7.6		
GW-003					15.7	7.6		
GW-003				2.7		8.33		
GW-003							8.33	
GW-003				<5		6.4	6.40	
GW-003							7.12	
GW-003				<2				
GW-003					<2		7.66	
GW-003					11.9		7.84	
GW-003								
GW-004					<2		7.33	
GW-004					<2	7.6		
GW-004					<2	7.61		
GW-004					4.3	7.75		
GW-004					8.3	8.96		
GW-004					8.7	7.7		
GW-004			293		24.2		8.31	
GW-004				<5		6.52	6.52	
GW-004							6.74	
GW-004				<2				
GW-004					<2			
GW-004					40.2		7.80	
GW-004								
GW-004					45.8		7.07	
GW-004					5.8			
GW-004					3.6		7.8	
GW-004					<5			
GW-004					<2		7.92	

Tailings Basin WQ Data

Location Code	Methylene Blue Active Substanc - mg/L	Molybdenum, Dissolved (as Mo) - ug/L	Molybdenum, Total (as Mo) - ug/L	Nickel, Dissolved (as Ni) - ug/L	Nickel, Total (as Ni) - ug/L	pH - SU	pH, Field - SU	Phosphorus, Total (as P) - mg/L
GW-004					3.6			
GW-004					10.8			
GW-005					<2		7.95	
GW-005					<2	7.6		
GW-005					21.2	7.5		
GW-005					27.9	7.7		
GW-005					12.7	9.17		
GW-005					2.6	7.5		
GW-005					9.3	7.7		
GW-005				<2		9.38	9.38	
GW-005				<5		6.98	6.98	
GW-005							7.11	
GW-005				<2				
GW-005					<2		8.53	
GW-005					<2		8.25	
GW-005								
GW-005					7.3		8.04	
GW-005					<2			
GW-005					2.3		7.7	
GW-005					<2		8.1	
GW-005					3.4			
GW-005					17.8			
GW-006			94.8					
GW-006		45.8				7.2	7.20	
GW-006		36.4		<2		7.17		
GW-006							8.98	
GW-006		39.9				8.98		
GW-006		55.2					7.40	
GW-006							7.40	
GW-006			59.4				7.11	
GW-006			57.2				7.35	
GW-006								
GW-006			61				6.65	
GW-006			70.2				7.13	
GW-006			69				7.3	
GW-006			48.8					

Tailings Basin WQ Data

Location Code	Methylene Blue Active Substanc - mg/L	Molybdenum, Dissolved (as Mo) - ug/L	Molybdenum, Total (as Mo) - ug/L	Nickel, Dissolved (as Ni) - ug/L	Nickel, Total (as Ni) - ug/L	pH - SU	pH, Field - SU	Phosphorus, Total (as P) - mg/L
GW-006			48.5				7.35	
GW-006								
GW-006			50.2					
GW-006			57					
GW-007		72.8				7.64	7.64	
GW-007		68.4		<2		7.51	7.51	
GW-007							9.05	
GW-007		100				9.05		
GW-007		62.8					7.50	
GW-007			67.2				7.65	
GW-007			66				7.66	
GW-007								
GW-007			54.8				6.76	
GW-007			38.1				7.29	
GW-007			41.5				7.5	
GW-007			38					
GW-007			40.7				7.82	
GW-007			36.7					
GW-007								
GW-007			57					
GW-008		<5				7.76	7.76	
GW-008							8.30	
GW-008		<5				8.3		
GW-008		<5					7.60	
GW-008			<5				6.50	
GW-008			<5				6.96	
GW-008								
GW-008			<5				6.82	
GW-008			<5				6.49	
GW-008			<5				7.7	
GW-008			<5					
GW-008			<5				7.48	
GW-008			<5					
GW-008								
GW-008			<5					
SD-001					<2	7.51		

Tailings Basin WQ Data

Location Code	Methylene Blue Active Substanc - mg/L	Molybdenum, Dissolved (as Mo) - ug/L	Molybdenum, Total (as Mo) - ug/L	Nickel, Dissolved (as Ni) - ug/L	Nickel, Total (as Ni) - ug/L	pH - SU	pH, Field - SU	Phosphorus, Total (as P) - mg/L
SD-001					<2	7.5		
SD-001					<2	7.7		
SD-001					<2	7.6		
SD-001					<2	7.4		
SD-001					<2	7.8		
SD-001					<2	7.7		
SD-001								
SD-001			46.4					
SD-001			69.5				7.73	
SD-001			48			7.96	7.96	
SD-001			44			7.7	7.70	
SD-001			65.6			7.8	7.80	
SD-001			71.6			8.8	8.80	
SD-001							7.56	
SD-001			50.1		<2	6.35	6.35	
SD-001			47.8		<2	8.21	8.21	
SD-001			49		<2	7.89		
SD-001			41.3		<2	7.9	7.90	
SD-001			50.2		<2	7.98	7.98	
SD-001			39.4		<2	8.31	8.31	
SD-001			63.6		<2	7.98	7.98	
SD-001			63.2		<2	8.07	8.07	
SD-001			61.8		<2	8.61	11.9	
SD-001			43.4		<2	7.8	7.80	
SD-001			38.8		<5	7.8	7.80	
SD-001			96.8		4.3	8.23	8.23	
SD-001			88		<2	8.09	8.09	
SD-001			33.6		<2	8.29	8.29	
SD-001			28		<2	8.3	8.30	
SD-001			63		<2	8.19	8.19	
SD-001			61.6		<2	7.84	7.84	
SD-001			55		<2	7.56	7.56	
SD-001			61.6		<2	6.46		
SD-001							6.46	
SD-001			69.2		<2		7.58	
SD-001			74		2.4		7.75	

Tailings Basin WQ Data

Location Code	Methylene Blue Active Substanc - mg/L	Molybdenum, Dissolved (as Mo) - ug/L	Molybdenum, Total (as Mo) - ug/L	Nickel, Dissolved (as Ni) - ug/L	Nickel, Total (as Ni) - ug/L	pH - SU	pH, Field - SU	Phosphorus, Total (as P) - mg/L
SD-001			82		2.8		7.90	
SD-001			88		<2		7.57	
SD-001			83.8		<2		8.25	
SD-001			70.4		<2		8.47	
SD-001			76.8		<2		8.27	
SD-001			77.2		<2		7.33	
SD-001			36.8		<2		7.55	
SD-001			71.8		<2		7.74	
SD-001			68.4		<2		8.08	
SD-001			69.6		<2		8.03	
SD-001			90		<2		7.95	
SD-001			69.4		<2		7.70	
SD-001			84		<2		7.80	
SD-001			48.9		<2		8.10	
SD-001								
SD-001			45.7		<2		7.90	
SD-001			57.2		<2		8.28	
SD-001			66.4		<2		7.60	
SD-001			51.6		<2		8.07	
SD-001			55.2		<2		993	
SD-001			71.5		<2		7.70	
SD-001			71.6		<2		7.92	
SD-001			51.6		<2		7.81	
SD-001							7.92	
SD-001							7.77	
SD-001			50.2		<2		7.78	
SD-001			68.6		<2			
SD-001			51.2		<2		7.73	
SD-001			67.8		<2		8.20	
SD-001			52.6		<2	7.81		
SD-001							7.56	
SD-001			46.8		<2		7.95	
SD-001			44.8		<2		8.82	
SD-001			46.4		<2		7.71	
SD-001			42.4		<2		8.11	
SD-001							7.85	

Tailings Basin WQ Data

Location Code	Methylene Blue Active Substanc - mg/L	Molybdenum, Dissolved (as Mo) - ug/L	Molybdenum, Total (as Mo) - ug/L	Nickel, Dissolved (as Ni) - ug/L	Nickel, Total (as Ni) - ug/L	pH - SU	pH, Field - SU	Phosphorus, Total (as P) - mg/L
SD-001			51.8				8.30	
SD-001			51.8				8.20	
SD-001			51.2				8.00	
SD-001			55				8.20	
SD-001			54				8.41	
SD-001			14.6				7.84	
SD-001			65				7.75	
SD-001							8.09	
SD-001			46.8				8.60	
SD-001			23.1				7.8	
SD-001			45.4				7.9	
SD-001								
SD-001			32.6				7.9	
SD-001							7.2	
SD-001			28.4				8.1	
SD-001			24.3				8.1	
SD-001			24.5				8.05	
SD-001			23.2				8.81	
SD-001			18.5				8.6	
SD-001			21.6				8.2	
SD-001			32				7.6	
SD-001			36.2				7.8	
SD-001			19.2				7.76	
SD-001			23.6					
SD-001			20.9				8.12	
SD-001			22.7				7.86	
SD-001			26.1				7.78	
SD-001			19.1				7.84	
SD-001			17					
SD-001			r15.7					
SD-001			6.4					
SD-001			19.5				8.11	
SD-001			13.6				7.51	
SD-001	<0.025		14.1		<2		7.8	0.18
SD-001			16.6				7.25	
SD-001			26.1					

Tailings Basin WQ Data

Location Code	Methylene Blue Active Substanc - mg/L	Molybdenum, Dissolved (as Mo) - ug/L	Molybdenum, Total (as Mo) - ug/L	Nickel, Dissolved (as Ni) - ug/L	Nickel, Total (as Ni) - ug/L	pH - SU	pH, Field - SU	Phosphorus, Total (as P) - mg/L
SD-001			18.4					
SD-001			16.8					
SD-001			22.1					
SD-001			28.7					
SD-001								
SD-002					<2	7.79		
SD-002					<2	7.8		
SD-002					<2	7.3		
SD-002					<2	7.5		
SD-002					<2	7.4		
SD-002					<2	7.8		
SD-002					<2	7.6		
SD-002							7.80	
SD-002			21.8					
SD-002			96.8				7.93	
SD-002			24.5			7.9	7.90	
SD-002			24.2			7.7	7.70	
SD-002			18.1			7.61	7.61	
SD-002			18.3			8.8	8.80	
SD-002			11.3		<2	6.38	6.38	
SD-002			20.7		<2	8.22	8.22	
SD-002			16.9		<2	7.76	7.76	
SD-002			18.5		<2	7.83	7.83	
SD-002			23.3		<2	7.78	7.83	
SD-002			18.2		<2	8.04	19.1	
SD-002			37		<2	7.72	7.72	
SD-002			39.6		<2	7.91	7.91	
SD-002			36.8		<2	7.8	7.80	
SD-002			18.9		<2	7.4	7.40	
SD-002			14.6		4.6	7.79	7.79	
SD-002			20.4		5.9	7.79	7.79	
SD-002			21.6		<2	7.43	7.43	
SD-002			13.4		<2	8.04		
SD-002			13.4		<2	7.61	7.61	
SD-002			45.2		<2	7.9	7.90	
SD-002			23.4		<2	7.47	7.47	

Tailings Basin WQ Data

Location Code	Methylene Blue Active Substanc - mg/L	Molybdenum, Dissolved (as Mo) - ug/L	Molybdenum, Total (as Mo) - ug/L	Nickel, Dissolved (as Ni) - ug/L	Nickel, Total (as Ni) - ug/L	pH - SU	pH, Field - SU	Phosphorus, Total (as P) - mg/L
SD-002			18.4		<2	7.37	7.37	
SD-002			16.7		<2	6.73		
SD-002							6.73	
SD-002			17.5		<2		1220	
SD-002			19.1		<2		7.91	
SD-002			19.5		<2		8.10	
SD-002			35.8		4.3		7.25	
SD-002			18.5		<2		7.90	
SD-002			19.9		<2			
SD-002			22		<2		8.13	
SD-002			19.8		<2		7.45	
SD-002			18.1		<2		7.63	
SD-002			17.1		<2		7.53	
SD-002			14.2		<2		7.94	
SD-002			16.8		<2		7.96	
SD-002			14.5		<2		8.58	
SD-002			22.4		<2			
SD-002			20.6		<2		7.50	
SD-002			23.3		<2		7.50	
SD-002			8.8		<2		7.70	
SD-002								
SD-002			21.5		<2		7.70	
SD-002			27.7		<2		7.86	
SD-002			25.1		<2		7.60	
SD-002			20.9		<2		7.71	
SD-002			24.1		<2		7.78	
SD-002			23.4		<2		7.60	
SD-002			23.5		<2		7.76	
SD-002			21.9		<2		7.78	
SD-002							7.76	
SD-002							7.83	
SD-002			23.1		<2		7.75	
SD-002			31.6		<2			
SD-002			22		<2		7.74	
SD-002			19.7		2.4		7.35	
SD-002			12.7		<2	7.9		

Tailings Basin WQ Data

Location Code	Methylene Blue Active Substanc - mg/L	Molybdenum, Dissolved (as Mo) - ug/L	Molybdenum, Total (as Mo) - ug/L	Nickel, Dissolved (as Ni) - ug/L	Nickel, Total (as Ni) - ug/L	pH - SU	pH, Field - SU	Phosphorus, Total (as P) - mg/L
SD-002							7.38	
SD-002			10.4		<2		7.56	
SD-002			17.8		<2		8.85	
SD-002			15.8		<2		7.47	
SD-002			18		<2		7.89	
SD-002							7.60	
SD-002			47.6				8.20	
SD-002			24.1				7.90	
SD-002			18.4				7.80	
SD-002			22.3				7.90	
SD-002			22.5				8.22	
SD-002			21.4				7.94	
SD-002			19.1				7.44	
SD-002							7.53	
SD-002			19				8.30	
SD-002			27				7.8	
SD-002			33.3				7.5	
SD-002								
SD-002			30				7.8	
SD-002							7.4	
SD-002			22.3				7.8	
SD-002			33.3				7.8	
SD-002			22.1				8.08	
SD-002			18.5				8.67	
SD-002			15.7				8.5	
SD-002			17				8.2	
SD-002			12.7				7.6	
SD-002			15.8				7.8	
SD-002			<5					
SD-002								
SD-002			20					
SD-002			33.5				7.82	
SD-002			<5				7.37	
SD-002			30.2				7.6	
SD-002			28.5				7.35	
SD-002			25.8					

Tailings Basin WQ Data

Location Code	Methylene Blue Active Substanc - mg/L	Molybdenum, Dissolved (as Mo) - ug/L	Molybdenum, Total (as Mo) - ug/L	Nickel, Dissolved (as Ni) - ug/L	Nickel, Total (as Ni) - ug/L	pH - SU	pH, Field - SU	Phosphorus, Total (as P) - mg/L
SD-002			r16.5					
SD-002			15.4					
SD-002			14				8.17	
SD-002			17.3				7.68	
SD-002	<0.025		16.6		<2		7.8	0.11
SD-002			12.1				7.50	
SD-002			22.2					
SD-002			26.6					
SD-002			25.5					
SD-002			20					
SD-002			23.2					
SD-002								
SD-003								
SD-004							7.70	
SD-004						7.56	7.56	
SD-004							7.75	
SD-004							7.59	
SD-004							7.89	
SD-004							7.62	
SD-004								
SD-004							7.91	
SD-004							7.40	
SD-004							7.42	
SD-004							7.90	
SD-004							7.7	
SD-004							8.3	
SD-004							8.1	
SD-004							7.61	
SD-004							7.63	
SD-004							8.4	
SD-004							7.9	
SD-004							7.65	
SD-004								
SD-004							7.77	
SD-004							7.4	
SD-004							7.4	

Tailings Basin WQ Data

Location Code	Methylene Blue Active Substanc - mg/L	Molybdenum, Dissolved (as Mo) - ug/L	Molybdenum, Total (as Mo) - ug/L	Nickel, Dissolved (as Ni) - ug/L	Nickel, Total (as Ni) - ug/L	pH - SU	pH, Field - SU	Phosphorus, Total (as P) - mg/L
SD-004								
SD-004								
SD-004	<0.025		58.4		<2		8.0	<0.1
SD-004							7.27	
SD-004								
SD-004								
SD-004								
SD-004								
SD-006					<2	7.61		
SD-006					<2	8.2		
SD-006					<2	7.9		
SD-006					<2	7.7		
SD-006					<2	7.8		
SD-006					<2	7.5		
SD-006					<2	7.7		
SD-006							8.00	
SD-006								
SD-006					<2	7.25		
SD-006					<2			
SD-006						7.69	7.69	
SD-006								
SD-006								
SD-006								
SD-006								
SD-006						7.46	7.46	
SD-006								
SD-006								
SD-006								
SD-006							7.96	
SD-006							7.94	
SD-006							7.41	
SD-006							7.60	
SD-006								
SD-006								
SD-006								
SD-006							8.08	

Tailings Basin WQ Data

Location Code	Methylene Blue Active Substanc - mg/L	Molybdenum, Dissolved (as Mo) - ug/L	Molybdenum, Total (as Mo) - ug/L	Nickel, Dissolved (as Ni) - ug/L	Nickel, Total (as Ni) - ug/L	pH - SU	pH, Field - SU	Phosphorus, Total (as P) - mg/L
SD-006							7.99	
SD-006								
SD-006							8.67	
SD-006								
SD-006								
SD-006							8.14	
SD-006							7.84	
SD-006							8.20	
SD-006					<2		8.14	
SD-006								
SD-006							8.30	
SD-006							8.00	
SD-006								
SD-006								
SD-006							7.87	
SD-006							8.20	
SD-006							7.4	
SD-006							8.2	
SD-006							7.4	
SD-006							8.4	
SD-006			60.4		<2		7.54	
SD-006					<2		8.01	
SD-006					<2		7.62	
SD-006								
SD-006							8.36	
SD-006							8.3	
SD-006							8.0	
SD-006							7.9	
SD-006							7.91	
SD-006							8.28	
SD-006								
SD-006							7.75	
SD-006			48.3		<2		7.93	
SD-006					2.4		7.8	
SD-006					<2		7.9	
SD-006							7.77	

Tailings Basin WQ Data

Location Code	Methylene Blue Active Substanc - mg/L	Molybdenum, Dissolved (as Mo) - ug/L	Molybdenum, Total (as Mo) - ug/L	Nickel, Dissolved (as Ni) - ug/L	Nickel, Total (as Ni) - ug/L	pH - SU	pH, Field - SU	Phosphorus, Total (as P) - mg/L
SD-006								
SD-006								
SD-006								
SD-006								
SD-006							8.15	
SD-006	<0.025		49.8		<2		8.0	<0.1
SD-006							6.80	
SD-006								
SD-006								
SD-006			46.5		2.4			
SD-006					<2			
SD-006					<2			
SD-006								
SW-003							7.90	
SW-003						7.94	7.94	
SW-003						7.48	7.48	
SW-003							7.94	
SW-003							7.91	
SW-003							8.12	
SW-003							7.80	
SW-003								
SW-003							8.00	
SW-003							7.32	
SW-003							8.20	
SW-003							7.2	
SW-003							8.4	
SW-003							8.1	
SW-003							7.58	
SW-003							7.8	
SW-003								
SW-003								
SW-003							8.34	
SW-003							7.76	
SW-003								
SW-003								
SW-003							8.2	

Tailings Basin WQ Data

Location Code	Methylene Blue Active Substanc - mg/L	Molybdenum, Dissolved (as Mo) - ug/L	Molybdenum, Total (as Mo) - ug/L	Nickel, Dissolved (as Ni) - ug/L	Nickel, Total (as Ni) - ug/L	pH - SU	pH, Field - SU	Phosphorus, Total (as P) - mg/L
SW-003							7.89	
SW-003								
SW-003								
SW-003								
SW-004							7.80	
SW-004								
SW-004					<2	6.29		
SW-004					<2			
SW-004			<5				6.51	
SW-004			<5			7.6	7.60	
SW-004			<5			7.9	7.90	
SW-004							7.27	
SW-004			<5		<2	6.69	6.69	
SW-004			<5		<2	8.09	8.09	
SW-004			<5		<2	7.69		
SW-004			<5		<2	7.89		
SW-004			<5		<2	7.5	7.50	
SW-004						8.17	8.17	
SW-004						6.75	6.75	
SW-004						8.34		
SW-004						7.56		
SW-004								
SW-004								
SW-004							7.61	
SW-004							8.38	
SW-004								
SW-004							7.41	
SW-004							7.67	
SW-004							1.5	
SW-004							7.27	
SW-004							7.60	
SW-004							8.00	
SW-004							7.30	
SW-004							7.20	
SW-004							7.87	
SW-004							8.07	

Tailings Basin WQ Data

Location Code	Methylene Blue Active Substanc - mg/L	Molybdenum, Dissolved (as Mo) - ug/L	Molybdenum, Total (as Mo) - ug/L	Nickel, Dissolved (as Ni) - ug/L	Nickel, Total (as Ni) - ug/L	pH - SU	pH, Field - SU	Phosphorus, Total (as P) - mg/L
SW-004							7.32	
SW-004						7.17		
SW-004							7.27	
SW-004							72	
SW-004							7.83	
SW-004							7.05	
SW-004					<2		7.46	
SW-004								
SW-004							8.60	
SW-004							7.90	
SW-004							6.20	
SW-004							8.29	
SW-004							8.21	
SW-004							7.95	
SW-004							7.41	
SW-004							8.70	
SW-004							7.8	
SW-004							7.4	
SW-004								
SW-004							7.3	
SW-004							7.3	
SW-004							7.4	
SW-004					<2		7.58	
SW-004							7.29	
SW-004							7.89	
SW-004							7.9	
SW-004							8.2	
SW-004							8.4	
SW-004								
SW-004								
SW-004								
SW-004							7.73	
SW-004							7.14	
SW-004							7.11	
SW-004							6.16	
SW-004					<2		7.14	

Tailings Basin WQ Data

Location Code	Methylene Blue Active Substanc - mg/L	Molybdenum, Dissolved (as Mo) - ug/L	Molybdenum, Total (as Mo) - ug/L	Nickel, Dissolved (as Ni) - ug/L	Nickel, Total (as Ni) - ug/L	pH - SU	pH, Field - SU	Phosphorus, Total (as P) - mg/L
SW-004								
SW-004								
SW-004								
SW-004							7.84	
SW-004							7.41	
SW-004							8.1	
SW-004							6.64	
SW-004								
SW-004								
SW-004								
SW-004								
SW-004					<2			
SW-005							8.00	
SW-005			<5				7.66	
SW-005			<5			7.7	7.70	
SW-005			<5			8.1	8.10	
SW-005							7.50	
SW-005			<5		5.3	6.71	6.71	
SW-005			<5		<2	8.42	8.42	
SW-005			<5		<2	7.68	7.68	
SW-005			<5		<2	7.76	7.76	
SW-005			<5		<2	7.2	14.5	
SW-005						8.4	8.40	
SW-005						7.33	7.33	
SW-005						8.21	8.21	
SW-005						7.54	7.54	
SW-005							7.79	
SW-005								
SW-005							7.29	
SW-005								
SW-005								
SW-005							7.27	
SW-005							7.45	
SW-005							8.30	
SW-005							7.19	
SW-005							7.60	

Tailings Basin WQ Data

Location Code	Methylene Blue Active Substanc - mg/L	Molybdenum, Dissolved (as Mo) - ug/L	Molybdenum, Total (as Mo) - ug/L	Nickel, Dissolved (as Ni) - ug/L	Nickel, Total (as Ni) - ug/L	pH - SU	pH, Field - SU	Phosphorus, Total (as P) - mg/L
SW-005							8.20	
SW-005							7.40	
SW-005							7.40	
SW-005							8.22	
SW-005							7.86	
SW-005								
SW-005								
SW-005						7.37		
SW-005							7.50	
SW-005							6.88	
SW-005							8.92	
SW-005							7.57	
SW-005							7.66	
SW-005								
SW-005							7.50	
SW-005							8.30	
SW-005							7.90	
SW-005							8.10	
SW-005							8.32	
SW-005							7.34	
SW-005							8.60	
SW-005							7.7	
SW-005							7.9	
SW-005								
SW-005							7.9	
SW-005							7.8	
SW-005							7.69	
SW-005							7.92	
SW-005							7.8	
SW-005							7.5	
SW-005							8.3	
SW-005								
SW-005								
SW-005								
SW-005							7.92	
SW-005							7.7	

Tailings Basin WQ Data

Location Code	Methylene Blue Active Substanc - mg/L	Molybdenum, Dissolved (as Mo) - ug/L	Molybdenum, Total (as Mo) - ug/L	Nickel, Dissolved (as Ni) - ug/L	Nickel, Total (as Ni) - ug/L	pH - SU	pH, Field - SU	Phosphorus, Total (as P) - mg/L
SW-005							7.95	
SW-005							7.6	
SW-005								
SW-005								
SW-005								
SW-005							7.91	
SW-005							7.75	
SW-005							8.1	
SW-005							7.45	
SW-005								
SW-005								
SW-005								
SW-005								
SW-005								
West Side Seep							7.86	
West Side Seep			152.4			7.7		
West Side Seep			162			8.8		
West Side Seep			151		<2	6.69		
West Side Seep			147		<2	7.95		
West Side Seep			111		<2	7.97		
West Side Seep			149		<2	7.99	7.99	
West Side Seep			108		<2	7.7	7.7	
West Side Seep			254		<2	8.24	8.24	
West Side Seep			140		<2	8.06	8.27	
West Side Seep			153		<2	7.47	7.47	
West Side Seep			174		<2		7.55	
West Side Seep			146		<2		8.12	
West Side Seep								
West Side Seep			143		<2		7.70	
West Side Seep			168				7.90	
West Side Seep							7.96	
West Side Seep			153				8.25	
West Side Seep								
West Side Seep			164				8.05	
West Side Seep								
West Side Seep			153				8.10	

Tailings Basin WQ Data

Location Code	Methylene Blue Active Substanc - mg/L	Molybdenum, Dissolved (as Mo) - ug/L	Molybdenum, Total (as Mo) - ug/L	Nickel, Dissolved (as Ni) - ug/L	Nickel, Total (as Ni) - ug/L	pH - SU	pH, Field - SU	Phosphorus, Total (as P) - mg/L
West Side Seep			143				7.80	
West Side Seep			126				8.01	
West Side Seep			127					
West Side Seep								
West Side Seep			147				8.0	
West Side Seep			136				8.4	
West Side Seep			87				8.29	
West Side Seep			113				8.3	
West Side Seep			97.5				7.7	
West Side Seep			102					
West Side Seep							8.49	
West Side Seep			106				8.40	
West Side Seep			102					
West Side Seep			79					
West Side Seep			73.6				7.73	
Wetland - 003								
Wetland - 003								
Wetland - 003								
Wetland - 003								
Wetland - 003								
Wetland - 003								
Wetland - 003								
Wetland - 003								
Wetland - 003								
Wetland - 003								
Wetland - 003								
Wetland - 003								
Wetland - North								
Wetland - North								
Wetland - North								
Wetland - North								
Wetland - North								
Wetland - North								
Wetland - North								
Wetland - North								
Wetland - North								

Tailings Basin WQ Data

Location Code	Methylene Blue Active Substanc - mg/L	Molybdenum, Dissolved (as Mo) - ug/L	Molybdenum, Total (as Mo) - ug/L	Nickel, Dissolved (as Ni) - ug/L	Nickel, Total (as Ni) - ug/L	pH - SU	pH, Field - SU	Phosphorus, Total (as P) - mg/L
Wetland - North								
Wetland - North								
WS-011					<2	7.46		
WS-011					<2	7.1		
WS-011					<2	7.1		
WS-011					<2	7.5		
WS-011					<2	7.3		
WS-011					<2	7.6		
WS-011					<2	7.6		
WS-011							7.81	
WS-011							7.19	
WS-011								
WS-011							8.34	
WS-011								
WS-011							7.81	
WS-011							7.04	
WS-011							8.30	
WS-011							8.70	
WS-011							7.7	
WS-011							7.32	
WS-011							8.41	
WS-011							7.17	
WS-011							7.45	
WS-012					<2	7.64		
WS-012					<2	7.5		
WS-012					<2	7.2		
WS-012					<2	7.6		
WS-012					<2	7.3		
WS-012					<2	7.9		
WS-012					<2	7.8		
WS-012							7.87	
WS-012							8.21	
WS-012								
WS-012							8.51	
WS-012								
WS-012							7.87	

Tailings Basin WQ Data

Location Code	Methylene Blue Active Substanc - mg/L	Molybdenum, Dissolved (as Mo) - ug/L	Molybdenum, Total (as Mo) - ug/L	Nickel, Dissolved (as Ni) - ug/L	Nickel, Total (as Ni) - ug/L	pH - SU	pH, Field - SU	Phosphorus, Total (as P) - mg/L
WS-012							8.22	
WS-012							8.20	
WS-012							8.50	
WS-012							8.3	
WS-012							8.20	
WS-012							8.45	
WS-012							8.24	
WS-012							7.99	
WS-013					<2	7.7		
WS-013					<2	8.3		
WS-013					<2	7.8		
WS-013					<2	7.6		
WS-013					<2	7.4		
WS-013					<2	8		
WS-013					<2	7.8		
WS-013			204		<2		8.00	
WS-013			174		2	7.7	7.70	
WS-013			179		2	8.3	8.30	
WS-013			131.2		<2	6.41	6.41	
WS-013			172		<2	8.1	8.10	
WS-013			102		<2	8.14	8.14	
WS-013			174		<2	8.01	8.01	
WS-013			141		<2	7.6	14.2	
WS-013			193		<2	8.34	8.34	
WS-013			193		<2	7.27	7.27	
WS-013			217		<2		8.03	
WS-013			191		<2		7.03	
WS-013			161		<2		8.17	
WS-013			193		<2		8.00	
WS-013								
WS-013			206		<2		7.80	
WS-013								
WS-013			186		<2		8.09	
WS-013							7.98	
WS-013			218		<2		8.56	
WS-013								

Tailings Basin WQ Data

Location Code	Methylene Blue Active Substanc - mg/L	Molybdenum, Dissolved (as Mo) - ug/L	Molybdenum, Total (as Mo) - ug/L	Nickel, Dissolved (as Ni) - ug/L	Nickel, Total (as Ni) - ug/L	pH - SU	pH, Field - SU	Phosphorus, Total (as P) - mg/L
WS-013			179		<2		8.43	
WS-013							8.21	
WS-013							8.33	
WS-013			168				8.20	
WS-013			164		<2		8.20	
WS-013			162				8.20	
WS-013			142				8.20	
WS-013			131				8.90	
WS-013			117				8.34	
WS-013			101				8.16	
WS-013			117		2		8.20	
WS-013					<2			
WS-013								
WS-013			23.3				8.0	
WS-013			120				8.3	
WS-013			88.2		<2		8.4	
WS-013			96.5				8.4	
WS-013			86.5				8.4	
WS-013			133		<2		8.38	
WS-013			70				8.01	
WS-013			58				8.2	
WS-013			261				8.1	
WS-013			48				7.7	
WS-013			50					
WS-013			47.7		2.4		8.26	
WS-013			39.6					
WS-013			41.2				8.64	
WS-013			42.4		<2		8.23	
WS-013			37.8				8.27	
WS-013			36.3		<2			
WS-013			r31.7					
WS-013			30					
WS-013			44				8.33	
WS-013			20.5				7.8	
WS-013			46				7.8	
WS-013			23.1		<2		7.46	

Tailings Basin WQ Data

Location Code	Methylene Blue Active Substanc - mg/L	Molybdenum, Dissolved (as Mo) - ug/L	Molybdenum, Total (as Mo) - ug/L	Nickel, Dissolved (as Ni) - ug/L	Nickel, Total (as Ni) - ug/L	pH - SU	pH, Field - SU	Phosphorus, Total (as P) - mg/L
WS-013			25.2					

Tailings Basin WQ Data

Location Code	Potassium, Total (as K) - mg/L	Salinity, Total - SU	Selenium, Total (as Se) - ug/L	Silver, Total (as Ag) - ug/L	Sodium, % of Total Cations - %	Sodium, Total (as Na) - mg/L	Solids, Total Dissolved (TDS) - mg/L	Solids, Total Suspended (TSS) - mg/L
Cell 1E	7.4	0.2				89.3	420	9
Cell 1E	11.1	0.2			50.5	72.4	369	13.2
Cell 1E	7.9	0.2			56.9	80.2		1.2
Cell 1E	8.4	0.3			58.2	89.6		2.7
Cell 1E	7.5	0.3			58.3	88		3.3
Cell 1E	7.2	0.3			56.6	79.2		2.4
Cell 1E	7.8	0.3			48.3	58		5.2
Cell 1E	9.6	0.3			50.3	72.5		3.2
Cell 1E	8.9	0.3			48.3	73.5		4
Cell 1E	8.8	0.3			48.6	72		6
Cell 1E		0.3				72.1		3.2
Cell 1E	9	0.3			47.8	76		18.7
Cell 1E	8.4	0.3			45.6	74.3		12
Cell 1E	7.3	0.3			46.1	65		8.7
Cell 1E		0.4				84		155
Cell 1E		0.3				78		<1
Cell 1E		0.4				88.4		<1
Cell 1E		0.4				101		2.8
Cell 1E	13.8	0.4			46.2	102		2.4
Cell 1E		0.4				96		12
Cell 1E								
Cell 1E	9.2	0.3			32	63.1		24
Cell 1E	8.6	0.3			33	70.1		1
Cell 1E								<1
Cell 1E	8.6	0.3			36	62.4		<1
Cell 1E	7.6	0.2			38	65.9		3.6
Cell 1E								
Cell 1E								
Cell 1E								
Cell 1E								
Cell 1E								
Cell 1E								4
Cell 1E								
Cell 1E								
Cell 2E	7.5	0.3				66.1	360	16
Cell 2E	11.1	0.3			50.1	71.7	374	38.4

Tailings Basin WQ Data

Location Code	Potassium, Total (as K) - mg/L	Salinity, Total - SU	Selenium, Total (as Se) - ug/L	Silver, Total (as Ag) - ug/L	Sodium, % of Total Cations - %	Sodium, Total (as Na) - mg/L	Solids, Total Dissolved (TDS) - mg/L	Solids, Total Suspended (TSS) - mg/L
Cell 2E	9.6	0.3			45.2	70.6		2.8
Cell 2E	11.1	0.3			47.1	86.6		7.3
Cell 2E	11.5	0.3			46.7	87.3		4
Cell 2E	10	0.4			45.3	77.5		6.4
Cell 2E	11.4	0.3			39	58.5		53.6
Cell 2E	13.4	0.4			40	74		10
Cell 2E	12.8	0.4			39.7	77.4		10
Cell 2E	13	0.4			40.5	79		5.6
Cell 2E	12	0.4			39.4	80		12
Cell 2E	12	0.4			36.6	74.2		8
Cell 2E	10.4	0.4			38.5	69		5.3
Cell 2E		0.4				113		26.4
Cell 2E	18.6	0.6			30.4	112		<1
Cell 2E								
Cell 2E								
Cell 2E	10.7	0.4			24	60.3		10
Cell 2E	11.3	0.4			25	71.4		5
Cell 2E								2.8
Cell 2E	13.7	0.4			33	82.5		2.8
Cell 2E	9.1	0.4			25	60.3		2
Cell 2E								
Cell 2E								
Cell 2E								
Cell 2E								
Cell 2E								
Cell 2E								12
Cell 2E								
Cell 2E								
Cell 2W	14.4	0.4			47.8	90.4		10.4
Cell 2W	12.2	0.3			54.3	82.6		6
Cell 2W	16.5	0.4			48.8	97.5		82.7
Cell 2W	11.1	0.4			50.2	90.3		22
Cell 2W	8.8	0.3			40.3	50		4.8
Cell 2W	18.1	0.4			47.1	97.5		17.2
Cell 2W	15.6	0.4			47	96.9		4.4
Cell 2W	14.4	0.4			48.3	98		2

Tailings Basin WQ Data

Location Code	Potassium, Total (as K) - mg/L	Salinity, Total - SU	Selenium, Total (as Se) - ug/L	Silver, Total (as Ag) - ug/L	Sodium, % of Total Cations - %	Sodium, Total (as Na) - mg/L	Solids, Total Dissolved (TDS) - mg/L	Solids, Total Suspended (TSS) - mg/L
Cell 2W	13.3	0.2			49	73.5		19.6
Cell 2W	8.4	0.2			46	55		119
Emergency Basin								338
Emergency Basin								22.5
Emergency Basin								22
Emergency Basin	10.1	0.3			46.6	73.1		4
Emergency Basin	17	0.5			44.3	99.7		3
Emergency Basin	13.9	0.4			44.2	86.1		3
Emergency Basin								
Emergency Basin	8.5	0.3			42	53.4		47.2
Emergency Basin	8.3	0.3			29.3	34.9		8.7
Emergency Basin	15.1	0.4			40	76.8		7.2
Emergency Basin	16.7	0.5			36.4	85.8		4.4
Emergency Basin	15	0.5			36.6	82.8		5.6
Emergency Basin		0.4				75.6		1.5
Emergency Basin	14	0.5			37.1	82		<1
Emergency Basin	15.7	0.5			36.4	83.8		2.8
Emergency Basin	12.8	0.5			35.9	72.1		1.2
Emergency Basin	13	0.5			36	74		3.3
Emergency Basin	14.2	0.5			36.6	79.4		3.6
Emergency Basin		0.5				83		2
Emergency Basin	15.8	0.5			30.4	85.7		2.4
Emergency Basin		0.5				93.3		2
Emergency Basin	16.3	0.5			29.7	89.5		<1
Emergency Basin		0.5				79.6		2.8
Emergency Basin	16.8	0.4			39	98		<1
Emergency Basin								
Emergency Basin		0.3				51		<1
Emergency Basin	11.3	0.4			26	56.5		2
Emergency Basin	16.4	0.4			40.1	99		2.4
Emergency Basin	13.7	0.4			30	75.2		<1
Emergency Basin								2.8
Emergency Basin	16.2	0.4				84.1		1
Emergency Basin	12.8	0.3			28	50.8		1.6
Emergency Basin								
Emergency Basin		0.4				72.2		3.2

Tailings Basin WQ Data

Location Code	Potassium, Total (as K) - mg/L	Salinity, Total - SU	Selenium, Total (as Se) - ug/L	Silver, Total (as Ag) - ug/L	Sodium, % of Total Cations - %	Sodium, Total (as Na) - mg/L	Solids, Total Dissolved (TDS) - mg/L	Solids, Total Suspended (TSS) - mg/L
Emergency Basin								
Emergency Basin	8.7	0.3			24	42.4		9.3
Emergency Basin		0.4				64.7		<1
Emergency Basin								
Emergency Basin	13.6	0.4			24	66.8		<1
Emergency Basin								4
Emergency Basin								2
Emergency Basin	17.5	0.5			28	91.1		2
Emergency Basin	10.2	0.5			29	89.6		<1
Emergency Basin	16.2	0.5			31	95.5		1.6
Emergency Basin								<1
Emergency Basin								2.4
Emergency Basin								2
Emergency Basin								2.8
Emergency Basin								<1
Emergency Basin	13.9	0.4				74.3		
Emergency Basin								<1
Emergency Basin	13	0.5			31	81.8		<1
Emergency Basin								
Emergency Basin								8
Emergency Basin								2
Emergency Basin	14.5	0.5				79.3		<1
Emergency Basin		0.5						<1
Emergency Basin	14.1	0.5				88		<1
Emergency Basin								1.2
Emergency Basin								1.5
Emergency Basin								4.4
Emergency Basin	11.1	0.3				67.5		2
Emergency Basin								3
Emergency Basin								1.5
Emergency Basin	10.5							1.5
Emergency Basin								
Emergency Basin								3.5
Emergency Basin								<1
Emergency Basin	13.8	0.6				78.2		1.6
Emergency Basin								4

Tailings Basin WQ Data

Location Code	Potassium, Total (as K) - mg/L	Salinity, Total - SU	Selenium, Total (as Se) - ug/L	Silver, Total (as Ag) - ug/L	Sodium, % of Total Cations - %	Sodium, Total (as Na) - mg/L	Solids, Total Dissolved (TDS) - mg/L	Solids, Total Suspended (TSS) - mg/L
Emergency Basin								<1
Emergency Basin	10.8	0.5				72		2
Emergency Basin								12
Emergency Basin								<1
Emergency Basin								<1
Emergency Basin								1.5
Emergency Basin								1
Emergency Basin	13.2	0.5				76.3		1.2
GW-001							287	
GW-001							498	
GW-001							521	
GW-001							522	
GW-001								
GW-001							492	
GW-001							526	
GW-001								
GW-001							461	
GW-001							49	
GW-001							549	
GW-001							1110	
GW-001							497	
GW-001							455	
GW-001							479	
GW-001							480	
GW-001							530	
GW-002								
GW-002							88	
GW-002							83	
GW-002							81	
GW-002							67	
GW-002								
GW-002							73	
GW-002							518	
GW-002							86	
GW-002							94	
GW-002							63	

Tailings Basin WQ Data

Location Code	Potassium, Total (as K) - mg/L	Salinity, Total - SU	Selenium, Total (as Se) - ug/L	Silver, Total (as Ag) - ug/L	Sodium, % of Total Cations - %	Sodium, Total (as Na) - mg/L	Solids, Total Dissolved (TDS) - mg/L	Solids, Total Suspended (TSS) - mg/L
GW-002							76	
GW-002							158	
GW-002							78	
GW-003							674	32
GW-003							648	4
GW-003							397	31
GW-003							289	4
GW-003							294	5
GW-003							667	28
GW-003							290	33
GW-003								
GW-003								
GW-003								
GW-003								
GW-003								
GW-003								
GW-003								
GW-003								
GW-004							403	5
GW-004							636	4
GW-004							655	1.6
GW-004							566	222
GW-004							554	192
GW-004							240	26
GW-004							1850	
GW-004								
GW-004								
GW-004								
GW-004								
GW-004								
GW-004								
GW-004								
GW-004								
GW-004								
GW-004								

Tailings Basin WQ Data

Location Code	Potassium, Total (as K) - mg/L	Salinity, Total - SU	Selenium, Total (as Se) - ug/L	Silver, Total (as Ag) - ug/L	Sodium, % of Total Cations - %	Sodium, Total (as Na) - mg/L	Solids, Total Dissolved (TDS) - mg/L	Solids, Total Suspended (TSS) - mg/L
GW-004								
GW-004								
GW-005							336	30
GW-005							638	4
GW-005							252	10
GW-005							236	230
GW-005							237	12
GW-005							573	73
GW-005							270	22.7
GW-005								
GW-005								
GW-005								
GW-005								
GW-005								
GW-005								
GW-005								
GW-005								
GW-005								
GW-005								
GW-005								
GW-005								
GW-005								
GW-005								
GW-006	17.9	0.7			35.9	107		6.8
GW-006							1300	
GW-006							1340	
GW-006								
GW-006							1170	
GW-006							1040	
GW-006								
GW-006							974	
GW-006							924	
GW-006								
GW-006							793	
GW-006							793	
GW-006							710	
GW-006							676	

Tailings Basin WQ Data

Location Code	Potassium, Total (as K) - mg/L	Salinity, Total - SU	Selenium, Total (as Se) - ug/L	Silver, Total (as Ag) - ug/L	Sodium, % of Total Cations - %	Sodium, Total (as Na) - mg/L	Solids, Total Dissolved (TDS) - mg/L	Solids, Total Suspended (TSS) - mg/L
GW-006							824	
GW-006								
GW-006							782	
GW-006							892	
GW-007							575	
GW-007							527	
GW-007								
GW-007							523	
GW-007							578	
GW-007							550	
GW-007							525	
GW-007								
GW-007							542	
GW-007							531	
GW-007							539	
GW-007							503	
GW-007							503	
GW-007							496	
GW-007							476	
GW-007							529	
GW-008							268	
GW-008								
GW-008							234	
GW-008							170	
GW-008							246	
GW-008							235	
GW-008								
GW-008							225	
GW-008							240	
GW-008							282	
GW-008							223	
GW-008							268	
GW-008							208	
GW-008								
GW-008							224	
SD-001							611	4

Tailings Basin WQ Data

Location Code	Potassium, Total (as K) - mg/L	Salinity, Total - SU	Selenium, Total (as Se) - ug/L	Silver, Total (as Ag) - ug/L	Sodium, % of Total Cations - %	Sodium, Total (as Na) - mg/L	Solids, Total Dissolved (TDS) - mg/L	Solids, Total Suspended (TSS) - mg/L
SD-001							548	4
SD-001							1130	15.5
SD-001							652	3
SD-001							664	7
SD-001							550	<1
SD-001							710	2.7
SD-001		0.3						1.2
SD-001	8.7	0.3			31.7	47.5		<1
SD-001	9.2	0.4			37.6	66.5		2
SD-001	9.4	0.4			39.7	77		4.7
SD-001	10.7	0.4			37.5	80.7		1.3
SD-001	11.1	0.4			39.1	78		2
SD-001	10.9	0.4			39.7	81.8		<1
SD-001								
SD-001	10.5	0.4			37	72.6		2.8
SD-001	28	0.4			47.2	125		4.8
SD-001	10.6	0.4			30.8	52		<1
SD-001	33	0.4			49.5	149		1.2
SD-001	12	0.5			31.7	64		3
SD-001	13.3	0.4			34.2	72.2		<1
SD-001	12.5	0.4			33	71.6		1.6
SD-001	12.5	0.4			33.8	74.6		<1
SD-001	12.1	0.4			34.9	70.5		1.2
SD-001	12.8	0.4			37.3	74.9		2.8
SD-001	12	0.4			35.2	60.6		<1
SD-001	10	0.4			35.8	31		<1
SD-001	12	0.4			35.5	70		<1
SD-001	12.6	0.4			35.5	72		<1
SD-001	13.1	0.4			36	74		<1
SD-001	12.9	0.4			35	73.2		<1
SD-001	10	0.4			33.5	58		2.8
SD-001	9.5	0.4			34	59.7		3.3
SD-001	12.3	0.4			36.5	71.1		2
SD-001								
SD-001	12.4	0.4			36	67		6.7
SD-001	15.4	0.4			38	84.8		29.3

Tailings Basin WQ Data

Location Code	Potassium, Total (as K) - mg/L	Salinity, Total - SU	Selenium, Total (as Se) - ug/L	Silver, Total (as Ag) - ug/L	Sodium, % of Total Cations - %	Sodium, Total (as Na) - mg/L	Solids, Total Dissolved (TDS) - mg/L	Solids, Total Suspended (TSS) - mg/L
SD-001	14.3	0.5			36.9	79		7.2
SD-001	13.8	0.5			42.8	110		7.6
SD-001	13.7	0.4			36.1	74.8		12.7
SD-001	14.3	0.5			36.5	80		5.6
SD-001	17.5	0.4			38.1	81.2		<1
SD-001	14	0.5			29	80		<1
SD-001	13.3	0.4			28.8	74.3		7.6
SD-001	14.3	0.4			29.1	80.1		2
SD-001	14	0.4			28.9	79.8		2
SD-001	16.1	0.5			28.6	88		5.2
SD-001	22.6	0.7			30.4	120		12.7
SD-001	13.2	0.5			28.3	76.4		3.6
SD-001	14.4	0.4			28	74		3.2
SD-001		0.2				45.7		4
SD-001								
SD-001	6.8	0.2			26	37.5		7.6
SD-001		0.2				43		<1
SD-001	10.1	0.3			27	53.3		<1
SD-001		0.3				57.8		<1
SD-001	12	0.3			34.6	61		<1
SD-001		0.4				69.5		<1
SD-001	11.4	0.4			28	67.7		<1
SD-001		0.4				67.3		1.2
SD-001								2
SD-001								
SD-001		0.2				39.8		<1
SD-001	5.9	0.3			29	65.2		<1
SD-001		0.2				48.8		1.2
SD-001	9.7	0.4			26	59.1		3.3
SD-001		0.3				58.1		1.6
SD-001								
SD-001	7.6	0.2			27	43.6		1.6
SD-001		0.3				53.6		<1
SD-001	9.7	0.3			26	51.1		1
SD-001		0.3				53.3		<1
SD-001								

Tailings Basin WQ Data

Location Code	Potassium, Total (as K) - mg/L	Salinity, Total - SU	Selenium, Total (as Se) - ug/L	Silver, Total (as Ag) - ug/L	Sodium, % of Total Cations - %	Sodium, Total (as Na) - mg/L	Solids, Total Dissolved (TDS) - mg/L	Solids, Total Suspended (TSS) - mg/L
SD-001	11.5	0.4			24	58.8		<1
SD-001								2
SD-001								<1
SD-001	13.3	0.4			27	76.2		1.2
SD-001	13.5	0.5			27	78.5		1.2
SD-001	15.5	0.6			23	83.7		<1
SD-001								4
SD-001		0.2						
SD-001								5.6
SD-001								2
SD-001		0.4						5
SD-001								
SD-001								<1
SD-001	7.7	0.4				60.2		
SD-001								1.6
SD-001	8.1	0.4				70.3		<1
SD-001								6
SD-001								12
SD-001	8.7	0.4				59.2		3
SD-001								3.2
SD-001	11.9	0.5				74.2		3.5
SD-001		0.6						6.8
SD-001								6.5
SD-001								6
SD-001	7.7	0.3				48.2		2
SD-001								3
SD-001								3.3
SD-001	6.9	0.4				54.3		3
SD-001								2
SD-001								1.2
SD-001	3.3	0.3				23.9		14.4
SD-001								15.5
SD-001								24.4
SD-001	9.1	0.6	<2	<1		58.3	834	10
SD-001								6
SD-001								<1

Tailings Basin WQ Data

Location Code	Potassium, Total (as K) - mg/L	Salinity, Total - SU	Selenium, Total (as Se) - ug/L	Silver, Total (as Ag) - ug/L	Sodium, % of Total Cations - %	Sodium, Total (as Na) - mg/L	Solids, Total Dissolved (TDS) - mg/L	Solids, Total Suspended (TSS) - mg/L
SD-001		0.3						1.2
SD-001								3.5
SD-001								6
SD-001	6.1	0.5				51.3		1.6
SD-001								2.8
SD-002							696	8
SD-002							694	8
SD-002							769	4
SD-002							721	5
SD-002							851	6
SD-002							910	<1
SD-002							850	6
SD-002		0.7						1.2
SD-002	15.1	0.7			33.5	92		2
SD-002	14.6	0.7			39.2	115		10
SD-002	14.4	0.7			36.8	98.9		2
SD-002	16.5	0.7			39.2	115		3.3
SD-002	15.5	0.7			36.8	110		6
SD-002	16.3	0.7			39.3	106		2.7
SD-002	11.2	0.6			39.4	106		4
SD-002	75	0.6			33.8	123		14.4
SD-002	11.6	0.6			29.8	70		4.4
SD-002	49	0.7			49.8	224		3
SD-002	16	0.7			27.1	98		8
SD-002	16.9	0.7			34.8	106		2
SD-002	17.7	0.7			32.8	108		6
SD-002	17	0.7			33.2	109		4
SD-002	15.2	0.7			35.2	105		2.8
SD-002	14.6	0.7			35.5	104		16
SD-002	13	0.7			34.6	97.4		3.3
SD-002	12.8	0.7			33.8	96.5		12
SD-002	10.6	0.7			33.7	96		<1
SD-002	13.6	0.7			33.7	102		2
SD-002	16.1	0.7			34.7	109		2.8
SD-002	15.1	0.7			33.3	108		3.3
SD-002	12	0.6			33	88		3.6

Tailings Basin WQ Data

Location Code	Potassium, Total (as K) - mg/L	Salinity, Total - SU	Selenium, Total (as Se) - ug/L	Silver, Total (as Ag) - ug/L	Sodium, % of Total Cations - %	Sodium, Total (as Na) - mg/L	Solids, Total Dissolved (TDS) - mg/L	Solids, Total Suspended (TSS) - mg/L
SD-002	11.2	0.7			34.7	92		11.3
SD-002	15	0.7			36.9	111		7.6
SD-002								
SD-002	12	0.6			34.2	92		19.3
SD-002	16.2	0.7			37.7	113		12
SD-002	15.6	0.7			35.5	103		12.4
SD-002	16.6	0.7			33	107		12.8
SD-002	15.9	0.7			34	102		11.3
SD-002	15.6	0.7			35.3	108		4
SD-002	20.2	0.7			37.3	116		6.8
SD-002	12	0.7			37.1	87.3		2
SD-002	15.1	0.7			27	103		3.2
SD-002	14.8	0.7			28.4	111		18.4
SD-002	14.4	0.6			28.1	106		16.4
SD-002	15.4	0.7			26.1	102		4
SD-002	11.8	0.7			25.5	90		16
SD-002	12.3	0.6			26.2	91.6		3.6
SD-002	12.9	0.6			26	93.2		17.2
SD-002	12.3	0.6			26	88		12
SD-002		0.3				34.1		5.2
SD-002								
SD-002	9.2	0.5			25	73.2		3.6
SD-002		0.5				82		<1
SD-002	12.8	0.6			26	89.6		3.2
SD-002		0.6				92		4
SD-002	14	0.6			38.7	110		<1
SD-002		0.6				114		<1
SD-002	11.8	0.5			28	93.2		2.7
SD-002		0.5				108		2.4
SD-002								<1
SD-002								
SD-002		0.5				101		4
SD-002	9.9	0.5			30	97.9		<1
SD-002		0.5				93.2		<1
SD-002	17.9	0.6			32	116		4
SD-002		0.5				104		1.2

Tailings Basin WQ Data

Location Code	Potassium, Total (as K) - mg/L	Salinity, Total - SU	Selenium, Total (as Se) - ug/L	Silver, Total (as Ag) - ug/L	Sodium, % of Total Cations - %	Sodium, Total (as Na) - mg/L	Solids, Total Dissolved (TDS) - mg/L	Solids, Total Suspended (TSS) - mg/L
SD-002								
SD-002	10.9	0.4			24	67.9		2.4
SD-002		0.5				84.5		3.2
SD-002	20.9	0.6			25	88.4		5
SD-002		0.6				94.8		<1
SD-002								
SD-002	10.3	0.4			23	51.3		4
SD-002								4
SD-002								4.8
SD-002	7	0.5			31	85.7		16
SD-002	12.2	0.5			25	72.8		3.6
SD-002	9.2	0.5			32	102		5.6
SD-002								4.8
SD-002		0.3						
SD-002								8.4
SD-002								5.6
SD-002		0.5						2.4
SD-002								
SD-002								1.6
SD-002	10	0.5				89.7		
SD-002								4
SD-002	8.8	0.5				88.2		1
SD-002								5
SD-002								12
SD-002	6.2	0.4				79.4		1.2
SD-002								<1
SD-002	7.6	0.5				80.9		2.8
SD-002		0.4						8
SD-002								2.8
SD-002								2
SD-002								6.8
SD-002	9.1	0.4				94.5		4
SD-002								3
SD-002								1
SD-002	9	0.5				77.7		3.5
SD-002								2.5

Tailings Basin WQ Data

Location Code	Potassium, Total (as K) - mg/L	Salinity, Total - SU	Selenium, Total (as Se) - ug/L	Silver, Total (as Ag) - ug/L	Sodium, % of Total Cations - %	Sodium, Total (as Na) - mg/L	Solids, Total Dissolved (TDS) - mg/L	Solids, Total Suspended (TSS) - mg/L
SD-002								3.2
SD-002	7.6	0.5				80.9		47
SD-002								<1
SD-002								4
SD-002	7.5	0.5	<2	<1		79.7	628	1.2
SD-002								9
SD-002								<1
SD-002		0.4						2.8
SD-002								2.5
SD-002								7
SD-002	8.6	0.5				79.2		5.2
SD-002								3.6
SD-003								
SD-004		0.7						10.7
SD-004	15	0.8			17.8	68.7		28.5
SD-004		0.6						2.4
SD-004		0.6						12
SD-004								8
SD-004								4.8
SD-004	16.2	0.6			26	86.3		8
SD-004								15.5
SD-004		0.5						7.6
SD-004		0.5						3.2
SD-004								6
SD-004		0.5						20
SD-004								46.4
SD-004	13.1	0.5				81.9		3
SD-004								
SD-004								5.5
SD-004		0.5						4.8
SD-004		0.5						5.6
SD-004								6.5
SD-004								3
SD-004		0.5						9
SD-004								9.5
SD-004	12.6	0.6				84.1		9

Tailings Basin WQ Data

Location Code	Potassium, Total (as K) - mg/L	Salinity, Total - SU	Selenium, Total (as Se) - ug/L	Silver, Total (as Ag) - ug/L	Sodium, % of Total Cations - %	Sodium, Total (as Na) - mg/L	Solids, Total Dissolved (TDS) - mg/L	Solids, Total Suspended (TSS) - mg/L
SD-004								14
SD-004		0.6						6.8
SD-004	11.6	0.6	<2	<1		69.9	777	20
SD-004								8
SD-004		0.6						5.6
SD-004								12
SD-004	11.9	0.6				68.2		9.2
SD-004								7.2
SD-006							302	<1
SD-006							438	4
SD-006							424	1
SD-006							112	3
SD-006							485	4.5
SD-006							140	1.6
SD-006							190	3.3
SD-006		0.3						8.4
SD-006								
SD-006								3.3
SD-006								1.6
SD-006	15.8	0.4			41.4	83.6		<1
SD-006								
SD-006								
SD-006								
SD-006								
SD-006		0.5						<1
SD-006								
SD-006								
SD-006								
SD-006								
SD-006		0.5						<1
SD-006								
SD-006								
SD-006								
SD-006								
SD-006								
SD-006		0.4						3.3

Tailings Basin WQ Data

Location Code	Potassium, Total (as K) - mg/L	Salinity, Total - SU	Selenium, Total (as Se) - ug/L	Silver, Total (as Ag) - ug/L	Sodium, % of Total Cations - %	Sodium, Total (as Na) - mg/L	Solids, Total Dissolved (TDS) - mg/L	Solids, Total Suspended (TSS) - mg/L
SD-006								2
SD-006								
SD-006								
SD-006								
SD-006								
SD-006								
SD-006								<1
SD-006								
SD-006	11.9	0.4			32	83.7		2
SD-006								
SD-006								2
SD-006		0.5						<1
SD-006								
SD-006								
SD-006		0.5						<1
SD-006								<1
SD-006								
SD-006		0.4						2.8
SD-006								
SD-006								2
SD-006	11.6	0.4				66.9		4
SD-006								<1
SD-006								10
SD-006								2.4
SD-006								
SD-006		0.5						<1
SD-006								
SD-006		0.5						1.2
SD-006								<1
SD-006		0.3						4
SD-006								
SD-006								2.5
SD-006	n10.2	0.3				43.6		3
SD-006								3.5
SD-006								2.5
SD-006								

Tailings Basin WQ Data

Location Code	Potassium, Total (as K) - mg/L	Salinity, Total - SU	Selenium, Total (as Se) - ug/L	Silver, Total (as Ag) - ug/L	Sodium, % of Total Cations - %	Sodium, Total (as Na) - mg/L	Solids, Total Dissolved (TDS) - mg/L	Solids, Total Suspended (TSS) - mg/L
SD-006								1
SD-006		0.5						<1
SD-006								
SD-006								
SD-006								
SD-006	10.9	0.5	<2	<1		72.5	680	4.4
SD-006								11
SD-006		0.3						<1
SD-006								<1
SD-006	13.7	0.5				79.4		1.2
SD-006								6
SD-006								<1
SD-006								2.7
SW-003							303	
SW-003							491	
SW-003							512	
SW-003							755	
SW-003							503	
SW-003							499	
SW-003								<1
SW-003							598	
SW-003							589	
SW-003							644	
SW-003								2
SW-003							398	4
SW-003								2
SW-003							562	
SW-003								2
SW-003							492	
SW-003							539	
SW-003								<1
SW-003							341	
SW-003								
SW-003								2
SW-003							429	
SW-003							535	

Tailings Basin WQ Data

Location Code	Potassium, Total (as K) - mg/L	Salinity, Total - SU	Selenium, Total (as Se) - ug/L	Silver, Total (as Ag) - ug/L	Sodium, % of Total Cations - %	Sodium, Total (as Na) - mg/L	Solids, Total Dissolved (TDS) - mg/L	Solids, Total Suspended (TSS) - mg/L
SW-003								<1
SW-003							260	1.5
SW-003								9
SW-003							570	
SW-004								
SW-004								
SW-004								6
SW-004								4.4
SW-004	0.4	<0.1			11.4	2.1		6.4
SW-004	1	<0.1			8.46	2.2		2
SW-004	3	<0.1			21.6	9.5		3.3
SW-004								
SW-004	3.2	<0.1			21.8	10.4		7.2
SW-004	1.5	<0.1			16.8	3.9		9.6
SW-004	0.7	<0.1			12.2	3.4		4.8
SW-004	3.5	<0.1			21.1	11		6.8
SW-004	3.4	0.1			28	15.8		2.8
SW-004								
SW-004								
SW-004								
SW-004								
SW-004								
SW-004								
SW-004								
SW-004								
SW-004								
SW-004								
SW-004								
SW-004								
SW-004								
SW-004								
SW-004								
SW-004								
SW-004								
SW-004								
SW-004								

Tailings Basin WQ Data

Location Code	Potassium, Total (as K) - mg/L	Salinity, Total - SU	Selenium, Total (as Se) - ug/L	Silver, Total (as Ag) - ug/L	Sodium, % of Total Cations - %	Sodium, Total (as Na) - mg/L	Solids, Total Dissolved (TDS) - mg/L	Solids, Total Suspended (TSS) - mg/L
SW-004								
SW-004								
SW-004								
SW-004								
SW-004								
SW-004								
SW-004								2
SW-004								
SW-004								
SW-004								
SW-004								
SW-004								
SW-004								
SW-004								
SW-004								
SW-004								
SW-004								
SW-004								
SW-004								
SW-004								
SW-004								
SW-004								
SW-004								
SW-004								4
SW-004								
SW-004								
SW-004								
SW-004								
SW-004								
SW-004								
SW-004								
SW-004								
SW-004								
SW-004								
SW-004								
SW-004								
SW-004								
SW-004								2

Tailings Basin WQ Data

Location Code	Potassium, Total (as K) - mg/L	Salinity, Total - SU	Selenium, Total (as Se) - ug/L	Silver, Total (as Ag) - ug/L	Sodium, % of Total Cations - %	Sodium, Total (as Na) - mg/L	Solids, Total Dissolved (TDS) - mg/L	Solids, Total Suspended (TSS) - mg/L
SW-004								
SW-004								
SW-004								
SW-004								
SW-004								
SW-004								
SW-004								
SW-004								
SW-004								
SW-004								
SW-004								
SW-004								20
SW-005								
SW-005	2.5	<0.1			21.8	9		5.2
SW-005	3.6	<0.1			24.2	14.6		1.3
SW-005	3.1	<0.1			23.6	11.1		8
SW-005								
SW-005	3.5	<0.1			24.2	13.6		6.8
SW-005	1.5	<0.1			17.3	4.1		11.2
SW-005	2.6	<0.1			17.8	8.9		3.2
SW-005	3.6	<0.1			21.1	12		3.2
SW-005	3.2	0.1			29.4	17.7		2.8
SW-005								
SW-005								
SW-005								
SW-005								
SW-005								
SW-005								
SW-005								
SW-005								
SW-005								
SW-005								
SW-005								
SW-005								
SW-005								
SW-005								
SW-005								

Tailings Basin WQ Data

Location Code	Potassium, Total (as K) - mg/L	Salinity, Total - SU	Selenium, Total (as Se) - ug/L	Silver, Total (as Ag) - ug/L	Sodium, % of Total Cations - %	Sodium, Total (as Na) - mg/L	Solids, Total Dissolved (TDS) - mg/L	Solids, Total Suspended (TSS) - mg/L
SW-005								
SW-005								
SW-005								
SW-005								
SW-005								
SW-005								
SW-005								
SW-005								
SW-005								
SW-005								
SW-005								
SW-005								
SW-005								
SW-005								
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SW-005								
SW-005								
SW-005								
SW-005								
SW-005								
SW-005								
SW-005								

Tailings Basin WQ Data

Location Code	Potassium, Total (as K) - mg/L	Salinity, Total - SU	Selenium, Total (as Se) - ug/L	Silver, Total (as Ag) - ug/L	Sodium, % of Total Cations - %	Sodium, Total (as Na) - mg/L	Solids, Total Dissolved (TDS) - mg/L	Solids, Total Suspended (TSS) - mg/L
SW-005								
SW-005								
SW-005								
SW-005								
SW-005								
SW-005								
SW-005								
SW-005								
SW-005								
SW-005								
SW-005								
SW-005								
SW-005								
SW-005								
SW-005								
West Side Seep								
West Side Seep	23.4	0.6			33.7	94.1		<1
West Side Seep	21.2	0.6			32.9	89.2		2
West Side Seep	19.4	0.6			35.5	94.4		<1
West Side Seep	16.4	0.6			25.6	58		3.2
West Side Seep	22.5	0.6			34.1	81.2		5.6
West Side Seep	19.8	0.6			30.8	85.2		1.2
West Side Seep	21.6	0.6			34.6	86.5		<1
West Side Seep	19.4	0.6			33.9	86		1.3
West Side Seep	21.8	0.6			34.6	90.6		4.7
West Side Seep	13.4	0.5			30.2	66.8		3.3
West Side Seep		0.5				102		1.6
West Side Seep	19.7	0.5			27.5	84.5		<1
West Side Seep								
West Side Seep	19.2	0.5			27	85.2		1.6
West Side Seep	21.9	0.5			27	85.2		1
West Side Seep								<1
West Side Seep	22.5	0.5			27	83.2		<1
West Side Seep								
West Side Seep	20.8	0.6			27	87.3		<1
West Side Seep								
West Side Seep								2

Tailings Basin WQ Data

Location Code	Potassium, Total (as K) - mg/L	Salinity, Total - SU	Selenium, Total (as Se) - ug/L	Silver, Total (as Ag) - ug/L	Sodium, % of Total Cations - %	Sodium, Total (as Na) - mg/L	Solids, Total Dissolved (TDS) - mg/L	Solids, Total Suspended (TSS) - mg/L
West Side Seep								19
West Side Seep								1.6
West Side Seep								2.4
West Side Seep								
West Side Seep								4
West Side Seep								8
West Side Seep								7
West Side Seep								<1
West Side Seep								3.2
West Side Seep								38
West Side Seep								
West Side Seep								2.7
West Side Seep								<1
West Side Seep								1.2
West Side Seep								1.5
Wetland - 003								8
Wetland - 003								16
Wetland - 003								4
Wetland - 003								3.3
Wetland - 003								1
Wetland - 003								<1
Wetland - 003								1
Wetland - 003								<1
Wetland - 003								1.5
Wetland - 003								<1
Wetland - 003								1.2
Wetland - 003								2
Wetland - North								7
Wetland - North								1.6
Wetland - North								<1
Wetland - North								6.7
Wetland - North								1
Wetland - North								3.2
Wetland - North								1
Wetland - North								4
Wetland - North								1

Tailings Basin WQ Data

Location Code	Potassium, Total (as K) - mg/L	Salinity, Total - SU	Selenium, Total (as Se) - ug/L	Silver, Total (as Ag) - ug/L	Sodium, % of Total Cations - %	Sodium, Total (as Na) - mg/L	Solids, Total Dissolved (TDS) - mg/L	Solids, Total Suspended (TSS) - mg/L
Wetland - North								<1
Wetland - North								10
WS-011							898	7
WS-011							822	8
WS-011							893	3.5
WS-011							581	11
WS-011							817	7
WS-011							940	148
WS-011							880	6
WS-011								
WS-011								
WS-011								
WS-011								
WS-011								
WS-011								
WS-011								
WS-011								
WS-011								
WS-011								
WS-011								
WS-011								
WS-011								
WS-011								
WS-012							593	2
WS-012							574	8
WS-012							599	1
WS-012							585	10
WS-012							604	5.5
WS-012							620	4
WS-012							530	34
WS-012								
WS-012								
WS-012								
WS-012								
WS-012								
WS-012								

Tailings Basin WQ Data

Location Code	Potassium, Total (as K) - mg/L	Salinity, Total - SU	Selenium, Total (as Se) - ug/L	Silver, Total (as Ag) - ug/L	Sodium, % of Total Cations - %	Sodium, Total (as Na) - mg/L	Solids, Total Dissolved (TDS) - mg/L	Solids, Total Suspended (TSS) - mg/L
WS-012								
WS-012								
WS-012								
WS-012								
WS-012								
WS-012								
WS-012								
WS-012								
WS-013								672
WS-013							616	2
WS-013							612	2.5
WS-013							584	4
WS-013							615	10
WS-013							550	4
WS-013							620	15.3
WS-013	16.5	0.5			50.4	113		4
WS-013	17.5	0.4			48	110		2
WS-013	17.4	0.5			47.7	106		1.3
WS-013	16.7	0.5			49.8	112		5.2
WS-013	13.2	0.5			41.5	76		4
WS-013	18.5	0.5			44.8	100		6
WS-013	15.6	0.5			44.9	102		1.6
WS-013	15.8	0.5			45.6	98		<1
WS-013	16	0.5			47.5	112		<1
WS-013	11.5	0.5			45.4	91.2		18.7
WS-013	16.8	0.5			48.4	108		3.2
WS-013	19	0.5			40.1	115		1.3
WS-013	19.3	0.5			48.2	118		3.6
WS-013	21.6	0.5			41	128		14.4
WS-013								
WS-013	19	0.5			37	121		4.8
WS-013								
WS-013	19.7	0.5			37	117		2.5
WS-013								2
WS-013	19.7	0.6			37	119		8
WS-013								

Tailings Basin WQ Data

Location Code	Potassium, Total (as K) - mg/L	Salinity, Total - SU	Selenium, Total (as Se) - ug/L	Silver, Total (as Ag) - ug/L	Sodium, % of Total Cations - %	Sodium, Total (as Na) - mg/L	Solids, Total Dissolved (TDS) - mg/L	Solids, Total Suspended (TSS) - mg/L
WS-013	20.7	0.6			33	121		66
WS-013								42.7
WS-013								
WS-013								
WS-013		0.7						1
WS-013								
WS-013								
WS-013								
WS-013								
WS-013								
WS-013		0.7						59
WS-013		0.7						2.7
WS-013		0.7						
WS-013								
WS-013								
WS-013	16.5	0.7				88.6		<1
WS-013								8.8
WS-013								
WS-013		0.7						2
WS-013								
WS-013								
WS-013								
WS-013								
WS-013								
WS-013		0.8						7.3
WS-013								
WS-013								2
WS-013	15.2	0.7				69.3		<1
WS-013								
WS-013		0.8						4.5
WS-013								
WS-013								
WS-013								
WS-013								
WS-013								
WS-013		0.7						42

Tailings Basin WQ Data

Location Code	Potassium, Total (as K) - mg/L	Salinity, Total - SU	Selenium, Total (as Se) - ug/L	Silver, Total (as Ag) - ug/L	Sodium, % of Total Cations - %	Sodium, Total (as Na) - mg/L	Solids, Total Dissolved (TDS) - mg/L	Solids, Total Suspended (TSS) - mg/L
WS-013								

Tailings Basin WQ Data

Location Code	Specific Conductance - uhmos/cm	Specific Conductivity - uOhm/CM	Strontium, Total (as Sr) - ug/L	Sulfate (as S) - mg/L	Sulfide, Total (as S) - mg/L	Temperature Deg C - øC	Thallium, Total (as Tl) - ug/L	Tin, Total (as Sn) - ug/L
Cell 1E	679			105				
Cell 1E	667			100				
Cell 1E	669	702		73.4		21.8		
Cell 1E		610		68				
Cell 1E		600		82.7		23.7		
Cell 1E		510		66.6		20.5		
Cell 1E		638		82.9		24.6		
Cell 1E		750		82.6		19.3		
Cell 1E		694		80		16.7		
Cell 1E		707		85.2		14.0		
Cell 1E		435		94.3		7.2		
Cell 1E		758		93.5		6.0		
Cell 1E		873		90.3		4.6		
Cell 1E		623		88.8		0.4		
Cell 1E		784		95.1		2.9		
Cell 1E		980		106		0.4		
Cell 1E		890		103		0.5		
Cell 1E		729		104		1.0		
Cell 1E		930		123		0.4		
Cell 1E				105				
Cell 1E								
Cell 1E		684		78.5		5.0		
Cell 1E		810		104		16.5		
Cell 1E		750		106		17.9		
Cell 1E		705		153		22.5		
Cell 1E		673		91.2		21.0		
Cell 1E		525				18.5		
Cell 1E		300		145				
Cell 1E		732		79				
Cell 1E		746		103				
Cell 1E								
Cell 1E				61.4				
Cell 1E		817		89.6		0.4		
Cell 1E				79.1				
Cell 2E	698			109				
Cell 2E	691			54.4				

Tailings Basin WQ Data

Location Code	Specific Conductance - uhmos/cm	Specific Conductivity - uOhm/CM	Strontium, Total (as Sr) - ug/L	Sulfate (as S) - mg/L	Sulfide, Total (as S) - mg/L	Temperature Deg C - øC	Thallium, Total (as Tl) - ug/L	Tin, Total (as Sn) - ug/L
Cell 2E	780	23.8		90		8.63		
Cell 2E		1050		115				
Cell 2E		1200		119		24.8		
Cell 2E		790		122		23.1		
Cell 2E		786		112		22.8		
Cell 2E		500		136		20.0		
Cell 2E		903		118		15.5		
Cell 2E		932		138		15.5		
Cell 2E		690		138		7.3		
Cell 2E		800		139		3.3		
Cell 2E		942		137		0.6		
Cell 2E		874		148		2.4		
Cell 2E		1210		190		0.7		
Cell 2E		587				0.7		
Cell 2E								
Cell 2E		923		108		6.7		
Cell 2E		1040		148		16.9		
Cell 2E		1050		154		21.2		
Cell 2E		945		144		23.6		
Cell 2E		901		124		21.1		
Cell 2E		800				21.9		
Cell 2E		1600		86				
Cell 2E		1051		162				
Cell 2E		1400		211				
Cell 2E								
Cell 2E				61.4				
Cell 2E		810		148		0.4		
Cell 2E				95.6				
Cell 2W	905	943		145		23.5		
Cell 2W		1300		87.6				
Cell 2W		900		207		21.5		
Cell 2W		800		155		24.6		
Cell 2W		753		156		21.6		
Cell 2W		790		203		20.1		
Cell 2W		957		199		14.2		
Cell 2W		768		205		17.1		

Tailings Basin WQ Data

Location Code	Specific Conductance - uhmos/cm	Specific Conductivity - uOhm/CM	Strontium, Total (as Sr) - ug/L	Sulfate (as S) - mg/L	Sulfide, Total (as S) - mg/L	Temperature Deg C - øC	Thallium, Total (as Tl) - ug/L	Tin, Total (as Sn) - ug/L
Cell 2W		623		117		31.3		
Cell 2W		508		89.5		13.8		
Emergency Basin				85.1				
Emergency Basin				112				
Emergency Basin				96				
Emergency Basin	761	808		100		24.8		
Emergency Basin				194				
Emergency Basin				173				
Emergency Basin						22.0		
Emergency Basin		620		82.6				
Emergency Basin				91.2				
Emergency Basin		600		154				
Emergency Basin		758		184		14.1		
Emergency Basin		815		191		13.5		
Emergency Basin		550		169		3.0		
Emergency Basin		800		228		9.5		
Emergency Basin		1120		176		3.8		
Emergency Basin		930		167		3.5		
Emergency Basin		930		174		4.1		
Emergency Basin		980		200		2.6		
Emergency Basin		940		176		2.5		
Emergency Basin		960		174		5.4		
Emergency Basin		980		180		4.7		
Emergency Basin		1010		189		2.4		
Emergency Basin		1000		181		3.8		
Emergency Basin		972		152		3.3		
Emergency Basin								
Emergency Basin		769		99.4		11.7		
Emergency Basin		876		118		6.7		
Emergency Basin		890		182		7.8		
Emergency Basin		1040		192		19.1		
Emergency Basin		810		190		18.4		
Emergency Basin		820		189		12.4		
Emergency Basin		773		123		18.9		
Emergency Basin								
Emergency Basin	831			182				

Tailings Basin WQ Data

Location Code	Specific Conductance - uhmos/cm	Specific Conductivity - uOhm/CM	Strontium, Total (as Sr) - ug/L	Sulfate (as S) - mg/L	Sulfide, Total (as S) - mg/L	Temperature Deg C - øC	Thallium, Total (as Tl) - ug/L	Tin, Total (as Sn) - ug/L
Emergency Basin		831				22.0		
Emergency Basin		7.25		109		21.2		
Emergency Basin		925		164		17.2		
Emergency Basin		825				18.0		
Emergency Basin		903		178		3.10		
Emergency Basin		960		176		3.10		
Emergency Basin		1030		269		4.10		
Emergency Basin		1010		203		1.10		
Emergency Basin		1058		197		2.30		
Emergency Basin		1140		176		1.10		
Emergency Basin		1186		191		1.40		
Emergency Basin		896		170		3.20		
Emergency Basin		838		170		8.8		
Emergency Basin		922		184		18.1		
Emergency Basin		829		178		17.9		
Emergency Basin		793				22		
Emergency Basin		706		181		24.5		
Emergency Basin		990		230		24.1		
Emergency Basin								
Emergency Basin		1020		215		8.3		
Emergency Basin		870		235		1.8		
Emergency Basin		881		214		2.1		
Emergency Basin		950				1.4		
Emergency Basin		950		208		2.4		
Emergency Basin				214				
Emergency Basin		522		75.6		7.49		
Emergency Basin				175				
Emergency Basin		872		157		14.7		
Emergency Basin		969		181		23.0		
Emergency Basin		844		147		17.0		
Emergency Basin		849		145		17.7		
Emergency Basin								
Emergency Basin				164				
Emergency Basin				157				
Emergency Basin				189				
Emergency Basin		1077		180				

Tailings Basin WQ Data

Location Code	Specific Conductance - uhmos/cm	Specific Conductivity - uOhm/CM	Strontium, Total (as Sr) - ug/L	Sulfate (as S) - mg/L	Sulfide, Total (as S) - mg/L	Temperature Deg C - øC	Thallium, Total (as Tl) - ug/L	Tin, Total (as Sn) - ug/L
Emergency Basin		1235.3		182		0.5		
Emergency Basin		867		193		1.2		
Emergency Basin		487.9		64.9		2.6		
Emergency Basin				174				
Emergency Basin				137				
Emergency Basin				182				
Emergency Basin				216				
Emergency Basin				214				
GW-001		1100		62.6		25.7		
GW-001		851		58.3		8.1		
GW-001		898		49.6		4.4		
GW-001		810		62.6		8.2		
GW-001		865				11.46		
GW-001				64				
GW-001		936		52.7		5.00		
GW-001								
GW-001		753		60		9.10		
GW-001		766		13.4		7.8		
GW-001		958		57.7		6.9		
GW-001				26.8				
GW-001				53.9				
GW-001		836		66.2		13.7		
GW-001				56.7				
GW-001								
GW-001				63.6				
GW-002		136				8.0		
GW-002				8.8				
GW-002		69		20.9		5.0		
GW-002		11.2		13		8.93		
GW-002		106		8		7.70		
GW-002								
GW-002		75		7.9		5.10		
GW-002		88		55.4		8.0		
GW-002				10.5				
GW-002		86		14.8		7.7		
GW-002				10.8				

Tailings Basin WQ Data

Location Code	Specific Conductance - uhmos/cm	Specific Conductivity - uOhm/CM	Strontium, Total (as Sr) - ug/L	Sulfate (as S) - mg/L	Sulfide, Total (as S) - mg/L	Temperature Deg C - øC	Thallium, Total (as Tl) - ug/L	Tin, Total (as Sn) - ug/L
GW-002		81		16.9		13.3		
GW-002				15.8				
GW-002				12.2				
GW-003	1355			200				
GW-003	1100			171				
GW-003	732			138				
GW-003	406			138				
GW-003	574			54.5				
GW-003	1030			149				
GW-003	565			98.6				
GW-003				131				
GW-003		1050				25.6		
GW-003		464		117		12.0		
GW-003		450				11.8		
GW-003				173				
GW-003		105		200		10.1		
GW-003		1290		220		4.90		
GW-003								
GW-004	854			95.9				
GW-004	1130			177				
GW-004	1207			176				
GW-004	1140			296				
GW-004	1020			176				
GW-004	562			97.7				
GW-004		1000		19.9		25.4		
GW-004		743		48.6		12.3		
GW-004		750				11.9		
GW-004				128				
GW-004				173				
GW-004		923		165		5.5		
GW-004								
GW-004		685		210		7.80		
GW-004				177				
GW-004		750		97.7		9.2		
GW-004				102				
GW-004		1045		178		13.1		

Tailings Basin WQ Data

Location Code	Specific Conductance - uhmos/cm	Specific Conductivity - uOhm/CM	Strontium, Total (as Sr) - ug/L	Sulfate (as S) - mg/L	Sulfide, Total (as S) - mg/L	Temperature Deg C - øC	Thallium, Total (as Tl) - ug/L	Tin, Total (as Sn) - ug/L
GW-004				150				
GW-004				213				
GW-005	810			102				
GW-005	1130			188				
GW-005	691			54.5				
GW-005	605			82.1				
GW-005	589			55.8				
GW-005	1090			154				
GW-005	548			94				
GW-005		540		44.8		23.4		
GW-005		508		45.6		7.0		
GW-005		500				7.9		
GW-005				160				
GW-005		853		116		6.9		
GW-005		746		83		4.70		
GW-005								
GW-005		680		136		15.60		
GW-005				157				
GW-005		812		131		9.4		
GW-005		862		141		13.2		
GW-005				133				
GW-005				145				
GW-006	1510			378				
GW-006		1970		401		20.0		
GW-006		12.8		494		7.17		
GW-006		1320				10.5		
GW-006				420				
GW-006		1507		373		5.60		
GW-006		1507				5.6		
GW-006		121		317		10.7		
GW-006		1475		313		10.20		
GW-006								
GW-006		1018		286		8.60		
GW-006		1070		234		9.3		
GW-006		1100		248		10.2		
GW-006				215				

Tailings Basin WQ Data

Location Code	Specific Conductance - uhmos/cm	Specific Conductivity - uOhm/CM	Strontium, Total (as Sr) - ug/L	Sulfate (as S) - mg/L	Sulfide, Total (as S) - mg/L	Temperature Deg C - øC	Thallium, Total (as Tl) - ug/L	Tin, Total (as Sn) - ug/L
GW-006		1104		301		17.6		
GW-006				267				
GW-006				281				
GW-006				284				
GW-007		920		158		21.4		
GW-007		903		175		10.9		
GW-007		741				8.4		
GW-007				149				
GW-007		9.13		166		5.6		
GW-007		945		89		10.2		
GW-007		946		178		7.50		
GW-007								
GW-007		704		188		8.70		
GW-007		821		171		9.1		
GW-007		756		188		7.6		
GW-007				170				
GW-007		846		181		13.3		
GW-007				180				
GW-007								
GW-007				162				
GW-008		360		46.1		22.4		
GW-008		333				10.0		
GW-008				41.7				
GW-008		366		30.7		3.3		
GW-008		362		51.2		10.4		
GW-008		393		43.8		9.60		
GW-008								
GW-008		314		39.1		8.60		
GW-008		332		38.4		8.0		
GW-008		344		44.8		9.2		
GW-008				34.4				
GW-008		357		86.8		13.7		
GW-008				32.3				
GW-008								
GW-008				22.6				
SD-001	1130			188				

Tailings Basin WQ Data

Location Code	Specific Conductance - uhmos/cm	Specific Conductivity - uOhm/CM	Strontium, Total (as Sr) - ug/L	Sulfate (as S) - mg/L	Sulfide, Total (as S) - mg/L	Temperature Deg C - øC	Thallium, Total (as Tl) - ug/L	Tin, Total (as Sn) - ug/L
SD-001	995			219				
SD-001	1670			531				
SD-001	1130			258				
SD-001	1090			191				
SD-001	863			172				
SD-001	1162			235				
SD-001								
SD-001	828	828		344				
SD-001	881	924		127		20.9		
SD-001	969	969		151				
SD-001		870		147				
SD-001		920		119				
SD-001		850		171		21.0		
SD-001		754				19.1		
SD-001		890		169		19.7		
SD-001		900		109		19.7		
SD-001		21.2		125		7.89		
SD-001		960		147		19.4		
SD-001		990		234		18.1		
SD-001		850		141		18.4		
SD-001		995		152		13.3		
SD-001		1050		147		14.2		
SD-001		8.61		143		1210		
SD-001		972		155		11.8		
SD-001		630		126		9.1		
SD-001		550		158		4.8		
SD-001		690		163		7.6		
SD-001		925		203		5.8		
SD-001		948		169		7.7		
SD-001		1009		168		2.2		
SD-001		897		134		1.3		
SD-001		871		147		0.5		
SD-001				164				
SD-001		889				1.0		
SD-001		766		154		0.7		
SD-001		942		170		0.3		

Tailings Basin WQ Data

Location Code	Specific Conductance - uhmos/cm	Specific Conductivity - uOhm/CM	Strontium, Total (as Sr) - ug/L	Sulfate (as S) - mg/L	Sulfide, Total (as S) - mg/L	Temperature Deg C - øC	Thallium, Total (as Tl) - ug/L	Tin, Total (as Sn) - ug/L
SD-001		1120		177		0.2		
SD-001		930		167		1.1		
SD-001		904		170		0.5		
SD-001		920		173		1.3		
SD-001		782		165		0.3		
SD-001		969		168		1.2		
SD-001		720		151		2.1		
SD-001		846		152		1.5		
SD-001		920		156		2.4		
SD-001		896		174		0.6		
SD-001		930		285		0.5		
SD-001		1026		156		0.0		
SD-001		946		162		0.5		
SD-001				82.4		0.6		
SD-001								
SD-001		525		75.3		4.9		
SD-001		700		71.9		7.4		
SD-001		788		130		4.5		
SD-001		877		137		6.8		
SD-001		11.8		167		8.05		
SD-001		770		154		5.6		
SD-001		826		143		15.3		
SD-001		1050		148		17.1		
SD-001		790		141		16.4		
SD-001		790				12.2		
SD-001		632		75		18.7		
SD-001				109				
SD-001		691		97.5		15.7		
SD-001		894		104		20.2		
SD-001	802			118		487		
SD-001		754				19.1		
SD-001		662		86.3		17.7		
SD-001		665		94		19.5		
SD-001		870		99		17.1		
SD-001		716		116		18.7		
SD-001		720				16.2		

Tailings Basin WQ Data

Location Code	Specific Conductance - uhmos/cm	Specific Conductivity - uOhm/CM	Strontium, Total (as Sr) - ug/L	Sulfate (as S) - mg/L	Sulfide, Total (as S) - mg/L	Temperature Deg C - øC	Thallium, Total (as Tl) - ug/L	Tin, Total (as Sn) - ug/L
SD-001		888		153		1.90		
SD-001		727		155		3.00		
SD-001		737		229		0.8		
SD-001		777		162		0.80		
SD-001		987		176		0.20		
SD-001		1220		256		1.70		
SD-001		1099		185		4.00		
SD-001		629				5.70		
SD-001		689		99.8		0.10		
SD-001		593		90.5		5.4		
SD-001		803		144		14.7		
SD-001								
SD-001		762		125		15.1		
SD-001		706				18.4		
SD-001		715		133		23.7		
SD-001		750		166		20.6		
SD-001		783		184		8.0		
SD-001		786		188		0.2		
SD-001		756		188		0.6		
SD-001		930		178		0.7		
SD-001		880		211		0.2		
SD-001		1240		231		0.3		
SD-001		489		70.8		5.64		
SD-001				153				
SD-001		821		137		13.8		
SD-001		913		148		24.1		
SD-001		878		150		16.8		
SD-001		978		156		15.8		
SD-001				157				
SD-001				156				
SD-001				77.5				
SD-001		987		267		0.8		
SD-001		320.8		142		0.4		
SD-001		1230	639	218	<2	0.4	<2	<10
SD-001		619.8		90.3		0.7		
SD-001				144				

Tailings Basin WQ Data

Location Code	Specific Conductance - uhmos/cm	Specific Conductivity - uOhm/CM	Strontium, Total (as Sr) - ug/L	Sulfate (as S) - mg/L	Sulfide, Total (as S) - mg/L	Temperature Deg C - øC	Thallium, Total (as Tl) - ug/L	Tin, Total (as Sn) - ug/L
SD-001				111				
SD-001				122				
SD-001				129				
SD-001				152				
SD-001				162				
SD-002	1260			170				
SD-002	1280			196				
SD-002	1230			207				
SD-002	1290			254				
SD-002	1440			235				
SD-002	1290			262				
SD-002	1480			304				
SD-002		7.3				7.70		
SD-002	1410	1410		473				
SD-002	1420	1160		304				
SD-002	1480	1480		347				
SD-002		1260		343				
SD-002		1300		263				
SD-002		1300		325		21.8		
SD-002		1150		221		16.5		
SD-002		1250		246		22.0		
SD-002		1390		233		20.7		
SD-002		1360		280		21.2		
SD-002		1400		270		19.4		
SD-002		8.04		259		1100		
SD-002		1130		284		14.4		
SD-002		1000		305		13.2		
SD-002		1170		250		14.5		
SD-002		1070		263		12.8		
SD-002		940		228		9.5		
SD-002		900		249		7.5		
SD-002		1000		262		8.7		
SD-002		6.4		307		8.04		
SD-002		930		246		10.6		
SD-002		1230		228		5.4		
SD-002		1130		128		2.1		

Tailings Basin WQ Data

Location Code	Specific Conductance - uhmos/cm	Specific Conductivity - uOhm/CM	Strontium, Total (as Sr) - ug/L	Sulfate (as S) - mg/L	Sulfide, Total (as S) - mg/L	Temperature Deg C - øC	Thallium, Total (as Tl) - ug/L	Tin, Total (as Sn) - ug/L
SD-002		1240		205		2.1		
SD-002				265				
SD-002		1200				2.6		
SD-002		2.8		237		7.91		
SD-002		779		234		0.7		
SD-002		1330		226		2.7		
SD-002		1310		254		2.4		
SD-002		1280		261		1.8		
SD-002		8.03		264		1330		
SD-002		1230		243		0.8		
SD-002		1220		238		1.3		
SD-002		1250		227		1.9		
SD-002		1260		197		2.2		
SD-002		1190		259		2.2		
SD-002		1230		194		3.9		
SD-002		1000		245		1.5		
SD-002		1.9		253		6.93		
SD-002		1359		246		1.0		
SD-002		1242		198		1.1		
SD-002				118		1.7		
SD-002								
SD-002		920		171		9.9		
SD-002		990		161		9.6		
SD-002		1260		188		7.3		
SD-002		1070		234		9.9		
SD-002		1050		211		14.0		
SD-002		1250		213		7.8		
SD-002		1060		223		16.7		
SD-002		1040		8.1		17.6		
SD-002		1490		214		19.0		
SD-002		1010				12.4		
SD-002		1098		184		18.6		
SD-002				199				
SD-002		970		196		17.3		
SD-002		1060		200		17.7		
SD-002	1150	507		183		16.5		

Tailings Basin WQ Data

Location Code	Specific Conductance - uhmos/cm	Specific Conductivity - uOhm/CM	Strontium, Total (as Sr) - ug/L	Sulfate (as S) - mg/L	Sulfide, Total (as S) - mg/L	Temperature Deg C - øC	Thallium, Total (as Tl) - ug/L	Tin, Total (as Sn) - ug/L
SD-002		1050				15.4		
SD-002		940		155		17.1		
SD-002		1130		169		22.8		
SD-002		1020		272		16.9		
SD-002		1140		177		19.3		
SD-002		1175				16.1		
SD-002		1060		152		3.90		
SD-002		1090		151		2.60		
SD-002		599		203		0.4		
SD-002		616		135		0.70		
SD-002		1083		164		2.20		
SD-002		1110		171		3.00		
SD-002		1290		193		3.40		
SD-002		1033				5.70		
SD-002		585		158		0.10		
SD-002		930		142		8.4		
SD-002		1051		152		19.0		
SD-002								
SD-002		920		170		16.0		
SD-002		928				22.5		
SD-002		747		153		20.9		
SD-002		750		143		16.9		
SD-002		1100		164		8.3		
SD-002		878		122		0.3		
SD-002		840		140		0.2		
SD-002		920		142		0.8		
SD-002		910		137		0.3		
SD-002		1070		136		0.2		
SD-002								
SD-002				93.6				
SD-002				154				
SD-002		1067		139		15.9		
SD-002		1115		154		21.6		
SD-002		967		110		17.3		
SD-002		1100		147		15.3		
SD-002				119				

Tailings Basin WQ Data

Location Code	Specific Conductance - uhmos/cm	Specific Conductivity - uOhm/CM	Strontium, Total (as Sr) - ug/L	Sulfate (as S) - mg/L	Sulfide, Total (as S) - mg/L	Temperature Deg C - øC	Thallium, Total (as Tl) - ug/L	Tin, Total (as Sn) - ug/L
SD-002				110				
SD-002				110				
SD-002		998		119		0.3		
SD-002		1109		140		1.5		
SD-002		1010	271	128	<2	0.3	<2	<10
SD-002		865		131		2.0		
SD-002				131				
SD-002				113				
SD-002				122				
SD-002				166				
SD-002				123				
SD-002				104				
SD-003								
SD-004		1320				7.3		
SD-004		1180				9.8		
SD-004		1210				5.7		
SD-004		1100				9.5		
SD-004		1800		277		9.7		
SD-004		890		251		16.1		
SD-004								
SD-004		499		262				
SD-004		1245				7.10		
SD-004		1254				5.50		
SD-004		1050		230		5.50		
SD-004		1062		236		14.1		
SD-004		924		274				
SD-004		880				8.8		
SD-004		1060				9.70		
SD-004		722		247				
SD-004		790				7.0		
SD-004		1130				3.6		
SD-004		1040				5.6		
SD-004				247				
SD-004		767				8.0		
SD-004		1179		248		9.0		
SD-004		1301				9.9		

Tailings Basin WQ Data

Location Code	Specific Conductance - uhmos/cm	Specific Conductivity - uOhm/CM	Strontium, Total (as Sr) - ug/L	Sulfate (as S) - mg/L	Sulfide, Total (as S) - mg/L	Temperature Deg C - øC	Thallium, Total (as Tl) - ug/L	Tin, Total (as Sn) - ug/L
SD-004				286				
SD-004								
SD-004		1130	387	269	<2	1.7	<2	<10
SD-004		1284		264		6.4		
SD-004				335				
SD-004				332				
SD-004								
SD-004				307				
SD-006	559			69.7				
SD-006	833			152				
SD-006	726			157				
SD-006	140			27.1				
SD-006	879			130				
SD-006	230			36				
SD-006	470			90.4				
SD-006		724				16.2		
SD-006		826						
SD-006	741			112				
SD-006	750	750		312				
SD-006		950				14.2		
SD-006								
SD-006								
SD-006								
SD-006								
SD-006		930				1.2		
SD-006								
SD-006								
SD-006								
SD-006		950				4.1		
SD-006		990				1.7		
SD-006		947				2.1		
SD-006						2.8		
SD-006								
SD-006								
SD-006								
SD-006		1080				20.0		

Tailings Basin WQ Data

Location Code	Specific Conductance - uhmos/cm	Specific Conductivity - uOhm/CM	Strontium, Total (as Sr) - ug/L	Sulfate (as S) - mg/L	Sulfide, Total (as S) - mg/L	Temperature Deg C - øC	Thallium, Total (as Tl) - ug/L	Tin, Total (as Sn) - ug/L
SD-006		800		180		18.7		
SD-006								
SD-006		734				25.6		
SD-006								
SD-006								
SD-006		735				21.0		
SD-006		991		126		17.2		
SD-006		825				19.7		
SD-006		507		160		17		
SD-006								
SD-006		964		178				
SD-006		990		199		0.80		
SD-006				197				
SD-006				178				
SD-006		1155				4.00		
SD-006		853		160		3.00		
SD-006		776		142		10.1		
SD-006		912		148		18.4		
SD-006		755		218		23.4		
SD-006		690		169		25.4		
SD-006		940		155		13.7		
SD-006		859		189		15.1		
SD-006		820		155		12.1		
SD-006				200				
SD-006		858				2.2		
SD-006		874				1.3		
SD-006		990		232		2.2		
SD-006		1390		196		2.4		
SD-006		528		79.6		6.69		
SD-006		790				15.8		
SD-006								
SD-006		994		158		16.7		
SD-006		806		119		6.4		
SD-006		794		112		6.9		
SD-006		820		129		4.4		
SD-006		846				15.4		

Tailings Basin WQ Data

Location Code	Specific Conductance - uhmos/cm	Specific Conductivity - uOhm/CM	Strontium, Total (as Sr) - ug/L	Sulfate (as S) - mg/L	Sulfide, Total (as S) - mg/L	Temperature Deg C - øC	Thallium, Total (as Tl) - ug/L	Tin, Total (as Sn) - ug/L
SD-006				148				
SD-006				183				
SD-006								
SD-006								
SD-006		1212				0.9		
SD-006		1069	301	190	<2	1.9	<2	<10
SD-006		590		77.7		2.6		
SD-006				125				
SD-006				202				
SD-006				211				
SD-006				198				
SD-006				194				
SD-006				175				
SW-003		557		81.7		16.9		
SW-003		855		86.9		17.9		
SW-003		969		138		0.7		
SW-003		901		208		0.9		
SW-003		852		120		20.2		
SW-003		560		90.8		20.40		
SW-003		525		123				
SW-003				141				
SW-003		932		159		0.30		
SW-003		1131		174		2.30		
SW-003		760		130		0.10		
SW-003		676		104		18.9		
SW-003		333		90				
SW-003		739		142		22.2		
SW-003		567		65.2				
SW-003		596		173		2.3		
SW-003				139				
SW-003				56.6				
SW-003		543		78.1		15.2		
SW-003		719				18.7		
SW-003				70.5				
SW-003				107				
SW-003		273		144		0.6		

Tailings Basin WQ Data

Location Code	Specific Conductance - uhmos/cm	Specific Conductivity - uOhm/CM	Strontium, Total (as Sr) - ug/L	Sulfate (as S) - mg/L	Sulfide, Total (as S) - mg/L	Temperature Deg C - øC	Thallium, Total (as Tl) - ug/L	Tin, Total (as Sn) - ug/L
SW-003		538		82.4		5.6		
SW-003				44.1				
SW-003				77.9				
SW-003				116				
SW-004		163		27.1		14.9		
SW-004		61.5						
SW-004	59.7			<1				
SW-004	62.3	62.3		<1				
SW-004	73.1	75		<1		26.0		
SW-004		112		9.3				
SW-004		190		40.3		24.7		
SW-004		105				23.1		
SW-004		200		38.2		24.3		
SW-004		214		11.9		23.5		
SW-004				<1		19.6		
SW-004				36.2				
SW-004		297		41.1		14.1		
SW-004		40		5.5		3.4		
SW-004				<1		12.1		
SW-004				<1				
SW-004				<1				
SW-004				<1				
SW-004								
SW-004				474		3.0		
SW-004		114		2.5		0.2		
SW-004								
SW-004		145		<1		0.8		
SW-004		182		<1		1.1		
SW-004		8.10		<1		182		
SW-004		147		2.4		0.9		
SW-004		225		2.3		2.2		
SW-004		45		<1		3.9		
SW-004		47		<1		3.3		
SW-004		55				4.4		
SW-004		104		<1		19.5		
SW-004		80				12.0		

Tailings Basin WQ Data

Location Code	Specific Conductance - uhmos/cm	Specific Conductivity - uOhm/CM	Strontium, Total (as Sr) - ug/L	Sulfate (as S) - mg/L	Sulfide, Total (as S) - mg/L	Temperature Deg C - øC	Thallium, Total (as Tl) - ug/L	Tin, Total (as Sn) - ug/L
SW-004		92		1.6		17.8		
SW-004	121	152		1		19.3		
SW-004		105				23.1		
SW-004		15.8		<1		6.89		
SW-004		550		1.6		20.3		
SW-004		160				18.0		
SW-004		171		<1		14.70		
SW-004								
SW-004		68		9.4		1.90		
SW-004		78		<1		1.10		
SW-004		133		<1		2.00		
SW-004		136		<1		0.40		
SW-004		245		1.6		2.90		
SW-004		273		1.4		3.20		
SW-004		371				4.70		
SW-004		100		1		0.30		
SW-004		485		<1		6.6		
SW-004		61		<1		14.3		
SW-004								
SW-004		330		86.2		14.8		
SW-004		298				19.8		
SW-004		88		<2		20.6		
SW-004		112		1		11.7		
SW-004		54		<1		11.6		
SW-004		69		<1		0.3		
SW-004		58		<1		1.5		
SW-004		108		<1		0.6		
SW-004		1210		5.5		0.7		
SW-004				<1				
SW-004				31.6				
SW-004				<1				
SW-004		68		<1		15.8		
SW-004		128.8		<1		19.4		
SW-004		152.3		<1		13.1		
SW-004		139.6				16.6		
SW-004		100.5		<1		15.9		

Tailings Basin WQ Data

Location Code	Specific Conductance - uhmos/cm	Specific Conductivity - uOhm/CM	Strontium, Total (as Sr) - ug/L	Sulfate (as S) - mg/L	Sulfide, Total (as S) - mg/L	Temperature Deg C - øC	Thallium, Total (as Tl) - ug/L	Tin, Total (as Sn) - ug/L
SW-004				<1				
SW-004				<1				
SW-004				<1				
SW-004		786		<1		0.5		
SW-004		122.9		1.3		0.1		
SW-004		143		<1		0.6		
SW-004		57.0		<1		3.5		
SW-004				<1				
SW-004				1				
SW-004				2.1				
SW-004				<1				
SW-004				<1				
SW-005		182		22.3		14.3		
SW-005	206	213		30.3		25.1		
SW-005		590		44.2				
SW-005		210		37.9		23.9		
SW-005		362				23.5		
SW-005		200		41.1		24.0		
SW-005		187		10.9		24.4		
SW-005		240		24.5		19.8		
SW-005		241		33.4		15.1		
SW-005		7.20		41.9		303		
SW-005		120		38.4		4.6		
SW-005		84		32		11.6		
SW-005		301		44.3		3.5		
SW-005		207		39.4		1.3		
SW-005				51.4		0.5		
SW-005								
SW-005		538		90.9		1.7		
SW-005		0.5		88.6		8.47		
SW-005								
SW-005		574		148		0.9		
SW-005		654		121		1.5		
SW-005		683		134		0.4		
SW-005		649		116		1.2		
SW-005		652		134		1.1		

Tailings Basin WQ Data

Location Code	Specific Conductance - uhmos/cm	Specific Conductivity - uOhm/CM	Strontium, Total (as Sr) - ug/L	Sulfate (as S) - mg/L	Sulfide, Total (as S) - mg/L	Temperature Deg C - øC	Thallium, Total (as Tl) - ug/L	Tin, Total (as Sn) - ug/L
SW-005		150		20.5		6.3		
SW-005		157		26.1		3.9		
SW-005		160		27.7		7.2		
SW-005		257		25		18.5		
SW-005		181				12.8		
SW-005		7.80		1.5		237		
SW-005								
SW-005	270	224		22.7		19.3		
SW-005		362				23.5		
SW-005		234		28.8		18.2		
SW-005		700		20.7		21.8		
SW-005		450				18.2		
SW-005		282		29.8		16.10		
SW-005								
SW-005		221		30.3		2.40		
SW-005		274		24		1.40		
SW-005		416		55		0.60		
SW-005		485		96.2		3.30		
SW-005		544		73.1		0.40		
SW-005		808		137		2.10		
SW-005		391		65.1		0.60		
SW-005		1680		32.4		6.2		
SW-005		171		22.5		15.3		
SW-005				21.2				
SW-005		235		<2		21.2		
SW-005		307		32.5		20.7		
SW-005		182		30.4		9.5		
SW-005		230		46.1		0.3		
SW-005		237		55.1		2.2		
SW-005		356		62		0.8		
SW-005		500		91.5		0.4		
SW-005				91.1				
SW-005				17.7				
SW-005				21.1				
SW-005		163		21.6		15.6		
SW-005		281.7		35.9		21.2		

Tailings Basin WQ Data

Location Code	Specific Conductance - uhmos/cm	Specific Conductivity - uOhm/CM	Strontium, Total (as Sr) - ug/L	Sulfate (as S) - mg/L	Sulfide, Total (as S) - mg/L	Temperature Deg C - øC	Thallium, Total (as Tl) - ug/L	Tin, Total (as Sn) - ug/L
SW-005		340.6		30		14.9		
SW-005		364				18.4		
SW-005				35.1				
SW-005				25.3				
SW-005				37.4				
SW-005		477		75.6		1.8		
SW-005		559.5		94.7		0.2		
SW-005		476		86.5		0.8		
SW-005		143.4		18.5		4.6		
SW-005				<1				
SW-005				15.9				
SW-005				28.4				
SW-005				25.3				
SW-005				47.9				
West Side Seep		1000				21.3		
West Side Seep				296				
West Side Seep				295				
West Side Seep				300				
West Side Seep				337				
West Side Seep				25.9		15.3		
West Side Seep		910		260				
West Side Seep		970		244		16.5		
West Side Seep		820		235		9.7		
West Side Seep		1120		237		6.1		
West Side Seep		1050		225		4.2		
West Side Seep		1010		230		2.4		
West Side Seep		1020		233		3.8		
West Side Seep								
West Side Seep		1166		243		6.2		
West Side Seep		1030		251		198.0		
West Side Seep		1020		262		19.6		
West Side Seep		1020		277		20.5		
West Side Seep								
West Side Seep		1010		254		20.3		
West Side Seep		22.1				8.07		
West Side Seep		1030		288		5.90		

Tailings Basin WQ Data

Location Code	Specific Conductance - uhmos/cm	Specific Conductivity - uOhm/CM	Strontium, Total (as Sr) - ug/L	Sulfate (as S) - mg/L	Sulfide, Total (as S) - mg/L	Temperature Deg C - øC	Thallium, Total (as Tl) - ug/L	Tin, Total (as Sn) - ug/L
West Side Seep		980		282		4.60		
West Side Seep		1230		296		2.10		
West Side Seep				253				
West Side Seep								
West Side Seep		1292		322		12.3		
West Side Seep		1270		343		16.0		
West Side Seep		1080		347		8.9		
West Side Seep		912		348		2.6		
West Side Seep		1070		346		2.1		
West Side Seep		1200		336				
West Side Seep		1268				12.1		
West Side Seep		1388		381		18.5		
West Side Seep				398				
West Side Seep				364				
West Side Seep		1438		347		5.2		
Wetland - 003				118				
Wetland - 003				74.1				
Wetland - 003				96.3				
Wetland - 003				92				
Wetland - 003				119				
Wetland - 003				64.6				
Wetland - 003				74.9				
Wetland - 003				121				
Wetland - 003				76.7				
Wetland - 003				82.6				
Wetland - 003				59.1				
Wetland - 003				88				
Wetland - North				<1				
Wetland - North				<1				
Wetland - North				<1				
Wetland - North				<1				
Wetland - North				<1				
Wetland - North				<1				
Wetland - North				<1				
Wetland - North				1.8				
Wetland - North				1.6				

Tailings Basin WQ Data

Location Code	Specific Conductance - uhmos/cm	Specific Conductivity - uOhm/CM	Strontium, Total (as Sr) - ug/L	Sulfate (as S) - mg/L	Sulfide, Total (as S) - mg/L	Temperature Deg C - øC	Thallium, Total (as Tl) - ug/L	Tin, Total (as Sn) - ug/L
Wetland - North				<1				
Wetland - North				4.5				
WS-011	1600			234				
WS-011	1490			225				
WS-011	1530			261				
WS-011	1110			221				
WS-011	1520			281				
WS-011	1300			264				
WS-011	1407			255				
WS-011		950						
WS-011		1120				12.2		
WS-011								
WS-011		1210				16.6		
WS-011								
WS-011		950						
WS-011		910				10.3		
WS-011		816						
WS-011		1170						
WS-011		1170				11.3		
WS-011		1028						
WS-011		1160				7.21		
WS-011		1155						
WS-011		1283				4.6		
WS-012	1140			156				
WS-012	1130			149				
WS-012	1050			154				
WS-012	995			141				
WS-012	1060			194				
WS-012	906			156				
WS-012	995			170				
WS-012		750						
WS-012		975				12.6		
WS-012								
WS-012		1020				16.3		
WS-012								
WS-012		750						

Tailings Basin WQ Data

Location Code	Specific Conductance - uhmos/cm	Specific Conductivity - uOhm/CM	Strontium, Total (as Sr) - ug/L	Sulfate (as S) - mg/L	Sulfide, Total (as S) - mg/L	Temperature Deg C - øC	Thallium, Total (as Tl) - ug/L	Tin, Total (as Sn) - ug/L
WS-012		1790				18.8		
WS-012		844						
WS-012		1490						
WS-012		1530				14.5		
WS-012		1200						
WS-012		1649				6.87		
WS-012		1598						
WS-012		1597				2.8		
WS-013	1180			174				
WS-013	1190			176				
WS-013	1100			166				
WS-013	1150			145				
WS-013	1090			201				
WS-013	932			166				
WS-013	1065			208				
WS-013	1070	1060		158		18.2		
WS-013		1200		171				
WS-013		1100		176		17.2		
WS-013		900		175		20.5		
WS-013		910		179		18.9		
WS-013		920		166		12.5		
WS-013		723		177		12.4		
WS-013		7.60		173		787		
WS-013		800		180		10.9		
WS-013		940		176		6.4		
WS-013		940		185		4.5		
WS-013		960		190		4.7		
WS-013		1000		199		5.9		
WS-013		1183		148		7.2		
WS-013								
WS-013		1210		207		8.3		
WS-013								
WS-013		1050		222		19.9.		
WS-013		1060		225		18.6		
WS-013		1110		251		19.1		
WS-013								

Tailings Basin WQ Data

Location Code	Specific Conductance - uhmos/cm	Specific Conductivity - uOhm/CM	Strontium, Total (as Sr) - ug/L	Sulfate (as S) - mg/L	Sulfide, Total (as S) - mg/L	Temperature Deg C - øC	Thallium, Total (as Tl) - ug/L	Tin, Total (as Sn) - ug/L
WS-013		1070		256		20.1		
WS-013		1000		243		13.4		
WS-013		1250				21.1		
WS-013		980		284		6.40		
WS-013		962		284		6.20		
WS-013		1290		394		7.90		
WS-013		1230		304		1.90		
WS-013		1452		304		2.90		
WS-013		1490		307		3.30		
WS-013		1664		304		2.30		
WS-013		1250		316		4.90		
WS-013								
WS-013								
WS-013		1090		309		12.5		
WS-013		1459		304		14.2		
WS-013		1460		288		14.7		
WS-013		333		334		24.0		
WS-013		1370		317		23.9		
WS-013		840		330		15.5		
WS-013		1510		341		3.0		
WS-013		1170		348		0.4		
WS-013		1450		335		0.7		
WS-013		1360		351		2.9		
WS-013				341				
WS-013		1603		356		6.98		
WS-013				352				
WS-013		1628		348		13.6		
WS-013		1548		339		27.6		
WS-013		1607		384		17.7		
WS-013				361				
WS-013				360				
WS-013				348				
WS-013		1030		167		1.1		
WS-013		829.3		279		-0.1		
WS-013		937		215		1.3		
WS-013		1571		363		1.7		

Tailings Basin WQ Data

Location Code	Specific Conductance - uhmos/cm	Specific Conductivity - uOhm/CM	Strontium, Total (as Sr) - ug/L	Sulfate (as S) - mg/L	Sulfide, Total (as S) - mg/L	Temperature Deg C - øC	Thallium, Total (as Tl) - ug/L	Tin, Total (as Sn) - ug/L
WS-013				377				

Tailings Basin WQ Data

Location Code	Turbidity - NTU	Zinc, Total (as Zn) - ug/L
Cell 1E	0.73	
Cell 1E	3.97	
Cell 1E	1.7	
Cell 1E	0.58	
Cell 1E	0.68	
Cell 1E	4.26	
Cell 1E	15.7	
Cell 1E	1.69	
Cell 1E	1.62	
Cell 1E	2.1	
Cell 1E	2.14	
Cell 1E	14	
Cell 1E	16.6	
Cell 1E	8.68	
Cell 1E	1.09	
Cell 1E	3.02	
Cell 1E	1.9	
Cell 1E	2.68	
Cell 1E	2.06	
Cell 1E	10.3	
Cell 1E		
Cell 1E	12.2	
Cell 1E	1.3	
Cell 1E		
Cell 1E	1.2	
Cell 1E	5.7	
Cell 1E		
Cell 1E		
Cell 1E		
Cell 1E		
Cell 1E		
Cell 1E		
Cell 1E		
Cell 1E		
Cell 2E	0.51	
Cell 2E	10.4	

Tailings Basin WQ Data

Location Code	Turbidity - NTU	Zinc, Total (as Zn) - ug/L
Cell 2E	2.1	
Cell 2E	1.36	
Cell 2E	5.6	
Cell 2E	6.81	
Cell 2E	1.9	
Cell 2E	5.02	
Cell 2E	5.5	
Cell 2E	3.1	
Cell 2E	19.6	
Cell 2E	6.72	
Cell 2E	6.02	
Cell 2E	6.15	
Cell 2E	1.48	
Cell 2E		
Cell 2E		
Cell 2E	5.33	
Cell 2E	4.5	
Cell 2E		
Cell 2E	2.9	
Cell 2E	3.4	
Cell 2E		
Cell 2E		
Cell 2E		
Cell 2E		
Cell 2E		
Cell 2E		
Cell 2E		
Cell 2E		
Cell 2W	14.4	
Cell 2W	2.93	
Cell 2W	7.7	
Cell 2W	11.8	
Cell 2W	5	
Cell 2W	11.5	
Cell 2W	6.16	
Cell 2W	18.2	

Tailings Basin WQ Data

Location Code	Turbidity - NTU	Zinc, Total (as Zn) - ug/L
Cell 2W	24	
Cell 2W	110	
Emergency Basin	90.6	
Emergency Basin	23.5	
Emergency Basin	48.1	
Emergency Basin	4.1	
Emergency Basin	2.55	
Emergency Basin	2.6	
Emergency Basin		
Emergency Basin	62.9	
Emergency Basin	5.6	
Emergency Basin	8.63	
Emergency Basin	2.54	
Emergency Basin	2.41	
Emergency Basin	2.11	
Emergency Basin	0.8	
Emergency Basin	2.9	
Emergency Basin	2.05	
Emergency Basin	1.15	
Emergency Basin	1.08	
Emergency Basin	0.64	
Emergency Basin	1.66	
Emergency Basin	2.66	
Emergency Basin	1.25	
Emergency Basin	2.73	
Emergency Basin	0.49	
Emergency Basin		
Emergency Basin	6.43	
Emergency Basin	2.54	
Emergency Basin	1.85	
Emergency Basin	1.5	
Emergency Basin		
Emergency Basin	1.6	
Emergency Basin	2.3	
Emergency Basin		
Emergency Basin	6.4	

Tailings Basin WQ Data

Location Code	Turbidity - NTU	Zinc, Total (as Zn) - ug/L
Emergency Basin		
Emergency Basin	11	
Emergency Basin	1.2	
Emergency Basin		
Emergency Basin	1	
Emergency Basin	1.3	
Emergency Basin	1.5	
Emergency Basin	1.2	
Emergency Basin	1.3	
Emergency Basin	1.1	
Emergency Basin	1	
Emergency Basin	2.8	
Emergency Basin	2.6	
Emergency Basin	2.8	
Emergency Basin	1.4	
Emergency Basin		
Emergency Basin	2.7	
Emergency Basin	1.8	
Emergency Basin		
Emergency Basin	3.6	
Emergency Basin	1.5	
Emergency Basin	0.65	
Emergency Basin	0.9	
Emergency Basin	2.9	
Emergency Basin	5.2	
Emergency Basin	5.9	
Emergency Basin	3.3	
Emergency Basin	1.9	
Emergency Basin	1.77	
Emergency Basin	1.5	
Emergency Basin	2.3	
Emergency Basin	0.9	
Emergency Basin		
Emergency Basin	1.6	
Emergency Basin	2	
Emergency Basin	3.3	

Tailings Basin WQ Data

Location Code	Turbidity - NTU	Zinc, Total (as Zn) - ug/L
Emergency Basin	2	
Emergency Basin	3.4	
Emergency Basin	26.7	
Emergency Basin	1	
Emergency Basin	0.85	
Emergency Basin	0.7	
Emergency Basin	1.2	
Emergency Basin	0.35	
GW-001		
GW-001		
GW-001		
GW-001		
GW-001		
GW-001		
GW-001		
GW-001		
GW-001		
GW-001		
GW-001		
GW-001		
GW-001		
GW-001		
GW-001		
GW-001		
GW-001		
GW-001		
GW-001		
GW-002		
GW-002		
GW-002		
GW-002		
GW-002		
GW-002		
GW-002		
GW-002		
GW-002		
GW-002		
GW-002		

Tailings Basin WQ Data

Location Code	Turbidity - NTU	Zinc, Total (as Zn) - ug/L
GW-002		
GW-002		
GW-002		
GW-003		23
GW-003		<10
GW-003		<10
GW-003		17.2
GW-003		<10
GW-003		<10
GW-003		11.2
GW-003		
GW-003		
GW-003		
GW-003		
GW-003		
GW-003		
GW-003		
GW-003		
GW-004		<10
GW-004		<10
GW-004		<10
GW-004		13.5
GW-004		<10
GW-004		<10
GW-004		
GW-004		
GW-004		
GW-004		
GW-004		
GW-004		
GW-004		
GW-004		
GW-004		
GW-004		
GW-004		
GW-004		

Tailings Basin WQ Data

Location Code	Turbidity - NTU	Zinc, Total (as Zn) - ug/L
GW-004		
GW-004		
GW-005		<10
GW-005		<10
GW-005		<10
GW-005		<10
GW-005		<10
GW-005		13
GW-005		<10
GW-005		
GW-005		
GW-005		
GW-005		
GW-005		
GW-005		
GW-005		
GW-005		
GW-005		
GW-005		
GW-005		
GW-005		
GW-005		
GW-006	45	
GW-006		
GW-006		
GW-006		
GW-006		
GW-006		
GW-006		
GW-006		
GW-006		
GW-006		
GW-006		
GW-006		
GW-006		
GW-006		
GW-006		

Tailings Basin WQ Data

Location Code	Turbidity - NTU	Zinc, Total (as Zn) - ug/L
GW-006		
GW-006		
GW-006		
GW-006		
GW-007		
GW-007		
GW-007		
GW-007		
GW-007		
GW-007		
GW-007		
GW-007		
GW-007		
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GW-007		
GW-007		
GW-007		
GW-007		
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GW-008		
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GW-008		
GW-008		
GW-008		
GW-008		
GW-008		
GW-008		
GW-008		
GW-008		
GW-008		
GW-008		
SD-001		<10

Tailings Basin WQ Data

Location Code	Turbidity - NTU	Zinc, Total (as Zn) - ug/L
SD-001		<10
SD-001		<10
SD-001		<10
SD-001		<10
SD-001		12.7
SD-001		10.6
SD-001	0.26	
SD-001	0.56	
SD-001	0.92	
SD-001		
SD-001	0.66	
SD-001	2.12	
SD-001	0.38	
SD-001		
SD-001	0.64	
SD-001	0.61	
SD-001	1.3	
SD-001	0.94	
SD-001	1.5	
SD-001	10.6	
SD-001	0.48	
SD-001	0.46	
SD-001	0.3	
SD-001	0.3	
SD-001	0.74	
SD-001	0.52	
SD-001	0.24	
SD-001	0.71	
SD-001	0.41	
SD-001	0.32	
SD-001	1.2	
SD-001	0.57	
SD-001	2.9	
SD-001		
SD-001	2.8	
SD-001	10.3	

Tailings Basin WQ Data

Location Code	Turbidity - NTU	Zinc, Total (as Zn) - ug/L
SD-001	4.91	
SD-001	6.68	
SD-001	6.23	
SD-001	4.2	
SD-001	1.63	
SD-001	1.34	
SD-001	7.13	
SD-001	2.34	
SD-001	1.56	
SD-001	2.68	
SD-001	5.3	
SD-001	1.3	
SD-001	0.98	
SD-001	1.41	
SD-001		
SD-001	0.99	
SD-001	0.41	
SD-001	0.35	
SD-001	0.35	
SD-001	0.44	
SD-001	0.5	
SD-001	0.6	
SD-001	0.23	
SD-001		
SD-001		
SD-001	0.4	
SD-001	0.6	
SD-001	1.4	
SD-001	0.9	
SD-001	0.6	
SD-001		
SD-001	0.7	
SD-001	0.8	
SD-001	1.4	
SD-001	0.8	
SD-001		

Tailings Basin WQ Data

Location Code	Turbidity - NTU	Zinc, Total (as Zn) - ug/L
SD-001	0.5	
SD-001	0.5	
SD-001	1.5	
SD-001	1	
SD-001	0.5	
SD-001	1.1	
SD-001		
SD-001	7.4	
SD-001	4.4	
SD-001	1.5	
SD-001	1.2	
SD-001		
SD-001	0.6	
SD-001		
SD-001	0.95	
SD-001	0.95	
SD-001	3	
SD-001	3.8	
SD-001	2.8	
SD-001	3.4	
SD-001	4.7	
SD-001	4.6	
SD-001	2.2	
SD-001	1.8	
SD-001	2.2	
SD-001	0.91	
SD-001	0.9	
SD-001	2.4	
SD-001	0.7	
SD-001	2	
SD-001	36.1	
SD-001	8.8	
SD-001	11	
SD-001	28	<10
SD-001	3.6	
SD-001	1.7	

Tailings Basin WQ Data

Location Code	Turbidity - NTU	Zinc, Total (as Zn) - ug/L
SD-001	1.1	
SD-001	1.6	
SD-001	1.7	
SD-001	0.85	
SD-001	1.6	
SD-002		<10
SD-002		<10
SD-002		<10
SD-002		<10
SD-002		<10
SD-002		<10
SD-002		10.4
SD-002	2.55	
SD-002	12	
SD-002	3.12	
SD-002		
SD-002	1.36	
SD-002	2.69	
SD-002	1	
SD-002	2.31	
SD-002	1.6	
SD-002	1.4	
SD-002	1.3	
SD-002	2.5	
SD-002	2.83	
SD-002	4.86	
SD-002	4	
SD-002	3.83	
SD-002	6.64	
SD-002	4.4	
SD-002	11.8	
SD-002	4	
SD-002	5.4	
SD-002	8.6	
SD-002	4.9	
SD-002	7.4	

Tailings Basin WQ Data

Location Code	Turbidity - NTU	Zinc, Total (as Zn) - ug/L
SD-002	8.01	
SD-002	7.02	
SD-002		
SD-002	19.4	
SD-002	10.3	
SD-002	16	
SD-002	20.4	
SD-002	17.2	
SD-002	19.5	
SD-002	26.7	
SD-002	23.6	
SD-002	19.3	
SD-002	18.5	
SD-002	14.7	
SD-002	21.4	
SD-002	16.8	
SD-002	14.8	
SD-002	10.6	
SD-002	13.1	
SD-002	3.51	
SD-002		
SD-002	2.62	
SD-002	2.37	
SD-002	2.99	
SD-002	3.2	
SD-002	2.4	
SD-002	2.55	
SD-002	2.3	
SD-002	2.8	
SD-002		
SD-002		
SD-002	3.2	
SD-002	3.4	
SD-002	2.8	
SD-002	2.9	
SD-002	1.2	

Tailings Basin WQ Data

Location Code	Turbidity - NTU	Zinc, Total (as Zn) - ug/L
SD-002		
SD-002	3.4	
SD-002	2.7	
SD-002	2.9	
SD-002	1.7	
SD-002		
SD-002	0.6	
SD-002	4.1	
SD-002	6.2	
SD-002	12	
SD-002	6.5	
SD-002	11	
SD-002		
SD-002	3.1	
SD-002	8.8	
SD-002	3.5	
SD-002	2.4	
SD-002		
SD-002	2.8	
SD-002		
SD-002	2.4	
SD-002	1.7	
SD-002	4.1	
SD-002	3.4	
SD-002	0.9	
SD-002	2.5	
SD-002	7.9	
SD-002	11	
SD-002	3.7	
SD-002		
SD-002	3.7	
SD-002	3	
SD-002	0.8	
SD-002	0.8	
SD-002	2.4	
SD-002	65	

Tailings Basin WQ Data

Location Code	Turbidity - NTU	Zinc, Total (as Zn) - ug/L
SD-002	1.2	
SD-002	21.7	
SD-002	7.2	
SD-002	8.9	
SD-002	10	<10
SD-002	5	
SD-002	1.7	
SD-002	2	
SD-002	1.6	
SD-002	2.4	
SD-002	3.8	
SD-002	2.2	
SD-003		
SD-004	26.5	
SD-004	134	
SD-004	16.9	
SD-004	73.2	
SD-004		
SD-004		
SD-004	60	
SD-004		
SD-004	55	
SD-004	45	
SD-004		
SD-004	70	
SD-004		
SD-004	45	
SD-004		
SD-004		
SD-004	45	
SD-004	50	
SD-004		
SD-004		
SD-004	44.7	
SD-004		
SD-004	36	

Tailings Basin WQ Data

Location Code	Turbidity - NTU	Zinc, Total (as Zn) - ug/L
SD-004		
SD-004	57.3	
SD-004	80	<10
SD-004		
SD-004	29	
SD-004		
SD-004	33.4	
SD-004		
SD-006		<10
SD-006		<10
SD-006		<10
SD-006		<10
SD-006		<10
SD-006		<10
SD-006		<10
SD-006	1.05	
SD-006		
SD-006	2.36	<10
SD-006	2.27	<10
SD-006	1.97	
SD-006		
SD-006		
SD-006		
SD-006		
SD-006	1.78	
SD-006		
SD-006		
SD-006		
SD-006		
SD-006	1.63	
SD-006		
SD-006		
SD-006		
SD-006		
SD-006		
SD-006	1.7	

Tailings Basin WQ Data

Location Code	Turbidity - NTU	Zinc, Total (as Zn) - ug/L
SD-006		
SD-006		
SD-006		
SD-006		
SD-006		
SD-006		
SD-006		
SD-006		
SD-006	1.7	16.2
SD-006		
SD-006		
SD-006	1.5	
SD-006		
SD-006		
SD-006	1.1	
SD-006		
SD-006		
SD-006	1.4	
SD-006		
SD-006		
SD-006	2.6	<10
SD-006	1.5	<10
SD-006	5.8	<10
SD-006		
SD-006		
SD-006	0.8	
SD-006		
SD-006	2.1	
SD-006		
SD-006	2.4	
SD-006		
SD-006		
SD-006	1.4	<10
SD-006	2.2	<10
SD-006	1.5	<10
SD-006		

Tailings Basin WQ Data

Location Code	Turbidity - NTU	Zinc, Total (as Zn) - ug/L
SD-006		
SD-006	2.2	
SD-006		
SD-006		
SD-006		
SD-006	3.2	<10
SD-006		
SD-006	1.1	
SD-006		
SD-006	1.6	<25
SD-006	1.4	<25
SD-006	2.2	<25
SD-006		
SW-003		
SW-003		
SW-003		
SW-003		
SW-003		
SW-003		
SW-003		
SW-003		
SW-003		
SW-003		
SW-003		
SW-003		
SW-003		
SW-003		
SW-003		
SW-003		
SW-003		
SW-003		
SW-003		
SW-003		
SW-003		
SW-003		
SW-003		
SW-003		

Tailings Basin WQ Data

Location Code	Turbidity - NTU	Zinc, Total (as Zn) - ug/L
SW-003		
SW-003		
SW-003		
SW-003		
SW-004		
SW-004		
SW-004	3.03	<10
SW-004	1.46	<10
SW-004	4.3	
SW-004	3.07	
SW-004	2.5	
SW-004		
SW-004	5.1	
SW-004	4.9	
SW-004	19.5	
SW-004	13.7	
SW-004	8.66	
SW-004		
SW-004		
SW-004		
SW-004		
SW-004		
SW-004		
SW-004		
SW-004		
SW-004		
SW-004		
SW-004		
SW-004		
SW-004		
SW-004		
SW-004		
SW-004		
SW-004		
SW-004		
SW-004		
SW-004		

Tailings Basin WQ Data

Location Code	Turbidity - NTU	Zinc, Total (as Zn) - ug/L
SW-004		
SW-004		
SW-004		
SW-004		
SW-004		
SW-004		
SW-004	4.7	10.7
SW-004		
SW-004		
SW-004		
SW-004		
SW-004		
SW-004		
SW-004		
SW-004		
SW-004		
SW-004		
SW-004		
SW-004		
SW-004		
SW-004		
SW-004		
SW-004	3.9	<10
SW-004		
SW-004		
SW-004		
SW-004		
SW-004		
SW-004		
SW-004		
SW-004		
SW-004		
SW-004		
SW-004		
SW-004		
SW-004		
SW-004		
SW-004		
SW-004	2.8	<10

Tailings Basin WQ Data

Location Code	Turbidity - NTU	Zinc, Total (as Zn) - ug/L
SW-004		
SW-004		
SW-004		
SW-004		
SW-004		
SW-004		
SW-004		
SW-004		
SW-004		
SW-004		
SW-004		
SW-004	4.8	<10
SW-005		
SW-005	4.6	
SW-005	4.38	
SW-005	2.8	
SW-005		
SW-005	4.8	
SW-005	4.9	
SW-005	27.2	
SW-005	11.5	
SW-005	7.62	
SW-005		
SW-005		
SW-005		
SW-005		
SW-005		
SW-005		
SW-005		
SW-005		
SW-005		
SW-005		
SW-005		
SW-005		
SW-005		
SW-005		

Tailings Basin WQ Data

Location Code	Turbidity - NTU	Zinc, Total (as Zn) - ug/L
SW-005		
SW-005		
SW-005		
SW-005		
SW-005		
SW-005		
SW-005		
SW-005		
SW-005		
SW-005		
SW-005		
SW-005		
SW-005		
SW-005		
SW-005		
SW-005		
SW-005		
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SW-005		
SW-005		
SW-005		
SW-005		
SW-005		
SW-005		
SW-005		
SW-005		

Tailings Basin WQ Data

Location Code	Turbidity - NTU	Zinc, Total (as Zn) - ug/L
SW-005		
SW-005		
SW-005		
SW-005		
SW-005		
SW-005		
SW-005		
SW-005		
SW-005		
SW-005		
SW-005		
SW-005		
SW-005		
SW-005		
SW-005		
West Side Seep		
West Side Seep	0.8	
West Side Seep	0.7	
West Side Seep	1.2	
West Side Seep	6.9	
West Side Seep	1.32	
West Side Seep	0.58	
West Side Seep	1.2	
West Side Seep	0.57	
West Side Seep	1.34	
West Side Seep	2.86	
West Side Seep	1.17	
West Side Seep	0.74	
West Side Seep		
West Side Seep	0.15	
West Side Seep	0.1	
West Side Seep		
West Side Seep	0.45	
West Side Seep		
West Side Seep	0.3	
West Side Seep		
West Side Seep	0.5	

Tailings Basin WQ Data

Location Code	Turbidity - NTU	Zinc, Total (as Zn) - ug/L
West Side Seep	4.8	
West Side Seep	1.7	
West Side Seep	2	
West Side Seep		
West Side Seep	0.7	
West Side Seep	3.3	
West Side Seep	1.3	
West Side Seep	0.25	
West Side Seep	0.25	
West Side Seep	3.7	
West Side Seep		
West Side Seep	0.15	
West Side Seep	<0.05	
West Side Seep	<0.05	
West Side Seep	0.59	
Wetland - 003		
Wetland - 003		
Wetland - 003		
Wetland - 003		
Wetland - 003		
Wetland - 003		
Wetland - 003		
Wetland - 003		
Wetland - 003		
Wetland - 003		
Wetland - 003		
Wetland - 003		
Wetland - North		
Wetland - North		
Wetland - North		
Wetland - North		
Wetland - North		
Wetland - North		
Wetland - North		
Wetland - North		
Wetland - North		

Tailings Basin WQ Data

Location Code	Turbidity - NTU	Zinc, Total (as Zn) - ug/L
Wetland - North		
Wetland - North		
WS-011		13
WS-011		<10
WS-011		<10
WS-011		<10
WS-011		<10
WS-011		10
WS-011		<10
WS-011		
WS-011		
WS-011		
WS-011		
WS-011		
WS-011		
WS-011		
WS-011		
WS-011		
WS-011		
WS-011		
WS-011		
WS-011		
WS-011		
WS-012		<10
WS-012		<10
WS-012		<10
WS-012		<10
WS-012		<10
WS-012		<10
WS-012		<10
WS-012		
WS-012		
WS-012		
WS-012		
WS-012		
WS-012		

Tailings Basin WQ Data

Location Code	Turbidity - NTU	Zinc, Total (as Zn) - ug/L
WS-012		
WS-012		
WS-012		
WS-012		
WS-012		
WS-012		
WS-012		
WS-012		
WS-013		<10
WS-013		<10
WS-013		<10
WS-013		<10
WS-013		<10
WS-013		<10
WS-013		<10
WS-013	1.4	<10
WS-013	0.84	<10
WS-013	0.43	<10
WS-013	1.71	<10
WS-013	0.4	<10
WS-013	10.6	<10
WS-013	0.56	10.2
WS-013	0.6	<10
WS-013	0.55	<10
WS-013	4.58	<10
WS-013	0.63	<10
WS-013	1.15	<10
WS-013	1.61	<10
WS-013	1.17	<10
WS-013		
WS-013	0.41	<10
WS-013		
WS-013	0.3	<10
WS-013		
WS-013	2.2	<10
WS-013		

Tailings Basin WQ Data

Location Code	Turbidity - NTU	Zinc, Total (as Zn) - ug/L
WS-013	8.3	18.7
WS-013		
WS-013		
WS-013	0.3	
WS-013	0.55	
WS-013		
WS-013		
WS-013		
WS-013		
WS-013		
WS-013	30	
WS-013	1.2	
WS-013	0.85	
WS-013		
WS-013		
WS-013	1.6	
WS-013		
WS-013		
WS-013		
WS-013		
WS-013		
WS-013		
WS-013		
WS-013		
WS-013		
WS-013		
WS-013		
WS-013		
WS-013		
WS-013		
WS-013		
WS-013		
WS-013		
WS-013		
WS-013		
WS-013		

Tailings Basin WQ Data

Location Code	Turbidity - NTU	Zinc, Total (as Zn) - ug/L
WS-013		