

# CALIFORNIA LABORATORY SERVICES

06/27/07 15:43

CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114	Project: Walker Mine Project Number: PCA 13180 Project Manager: Steve Rosenbaum	CLS Work Order #: CQF0399 COC #: 84179-84180
--	---	---

## Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WM5 LGC U/S (CQF0399-01) Water</b> Sampled: 06/11/07 10:00 Received: 06/13/07 08:43									
Total Alkalinity	47	5.0	mg/L	1	CQ04946	06/14/07	06/14/07	EPA 310.1	
Bicarbonate as CaCO3	47	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	ND	0.50	"	"	CQ05242	06/23/07	06/24/07	EPA 300.0	
Specific Conductance (EC)	90	1.0	µmhos/cm	"	CQ04954	06/14/07	06/14/07	EPA 120.1	
Hexavalent Chromium	ND	10	µg/L	"	CQ04924	06/13/07	06/13/07	EPA 7196A	HT-1
Hexavalent Chromium, Dissolved	ND	10	"	"	CQ04948	06/14/07	06/14/07	"	HT-1
Methylene Blue Active Substances	ND	0.10	mg/L	"	CQ04909	06/13/07	06/13/07	EPA 425.1	
Calcium	9.0	1.0	"	"	CQ04898	06/13/07	06/13/07	200.7/2340B	
Magnesium	3.8	1.0	"	"	"	"	"	"	
Potassium	ND	1.0	"	"	"	"	"	"	
Sodium	3.6	1.0	"	"	"	"	"	"	
Hardness as CaCO3	38	1.0	"	"	"	"	"	"	
pH	7.15	0.01	pH Units	"	CQ04901	06/13/07	06/13/07	EPA 150.1	HT-1
Sulfate as SO4	ND	0.50	mg/L	"	CQ05242	06/23/07	06/24/07	EPA 300.0	
Total Dissolved Solids	63	10	"	"	CQ04904	06/13/07	06/15/07	EPA 160.1	
<b>WM3 DC D/S (CQF0399-02) Water</b> Sampled: 06/11/07 10:10 Received: 06/13/07 08:43									
Total Alkalinity	75	5.0	mg/L	1	CQ04946	06/14/07	06/14/07	EPA 310.1	
Bicarbonate as CaCO3	75	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	ND	0.50	"	"	CQ05242	06/23/07	06/24/07	EPA 300.0	
Specific Conductance (EC)	140	1.0	µmhos/cm	"	CQ04954	06/14/07	06/14/07	EPA 120.1	
Hexavalent Chromium	ND	10	µg/L	"	CQ04924	06/13/07	06/13/07	EPA 7196A	HT-1
Hexavalent Chromium, Dissolved	ND	10	"	"	CQ04948	06/14/07	06/14/07	"	HT-1
Methylene Blue Active Substances	ND	0.10	mg/L	"	CQ04909	06/13/07	06/13/07	EPA 425.1	
Calcium	14	1.0	"	"	CQ04898	06/13/07	06/13/07	200.7/2340B	
Magnesium	7.6	1.0	"	"	"	"	"	"	
Potassium	ND	1.0	"	"	"	"	"	"	
Sodium	3.1	1.0	"	"	"	"	"	"	
Hardness as CaCO3	66	1.0	"	"	"	"	"	"	
pH	7.44	0.01	pH Units	"	CQ04901	06/13/07	06/13/07	EPA 150.1	HT-1
Sulfate as SO4	1.3	0.50	mg/L	"	CQ05242	06/23/07	06/24/07	EPA 300.0	
Total Dissolved Solids	94	10	"	"	CQ04904	06/13/07	06/15/07	EPA 160.1	
<b>WM1 PORTAL (CQF0399-03) Water</b> Sampled: 06/11/07 10:30 Received: 06/13/07 08:43									
Total Alkalinity	58	5.0	mg/L	1	CQ04946	06/14/07	06/14/07	EPA 310.1	
Bicarbonate as CaCO3	58	5.0	"	"	"	"	"	"	

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

06/27/07 15:43

CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114	Project: Walker Mine Project Number: PCA 13180 Project Manager: Steve Rosenbaum	CLS Work Order #: CQF0399 COC #: 84179-84180
--	---	---

## Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WM1 PORTAL (CQF0399-03) Water</b> Sampled: 06/11/07 10:30 Received: 06/13/07 08:43									
Carbonate as CaCO3	ND	5.0	mg/L	1	CQ04946	06/14/07	06/14/07	EPA 310.1	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	0.58	0.50	"	"	CQ05242	06/23/07	06/24/07	EPA 300.0	
Specific Conductance (EC)	110	1.0	µmhos/cm	"	CQ04954	06/14/07	06/14/07	EPA 120.1	
Hexavalent Chromium	ND	10	µg/L	"	CQ04924	06/13/07	06/13/07	EPA 7196A	HT-1
Hexavalent Chromium, Dissolved	ND	10	"	"	CQ04948	06/14/07	06/14/07	"	HT-1
Methylene Blue Active Substances	ND	0.10	mg/L	"	CQ04909	06/13/07	06/13/07	EPA 425.1	
Calcium	12	1.0	"	"	CQ04898	06/13/07	06/13/07	200.7/2340B	
Magnesium	5.0	1.0	"	"	"	"	"	"	
Potassium	ND	1.0	"	"	"	"	"	"	
Sodium	5.3	1.0	"	"	"	"	"	"	
Hardness as CaCO3	52	1.0	"	"	"	"	"	"	
pH	7.20	0.01	pH Units	"	CQ04901	06/13/07	06/13/07	EPA 150.1	HT-1
Sulfate as SO4	0.84	0.50	mg/L	"	CQ05242	06/23/07	06/24/07	EPA 300.0	
Total Dissolved Solids	97	10	"	"	CQ04904	06/13/07	06/15/07	EPA 160.1	
<b>WM 2 DC U/S (CQF0399-04) Water</b> Sampled: 06/11/07 10:30 Received: 06/13/07 08:43									
Total Alkalinity	79	5.0	mg/L	1	CQ04946	06/14/07	06/14/07	EPA 310.1	
Bicarbonate as CaCO3	79	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	ND	0.50	"	"	CQ05242	06/23/07	06/24/07	EPA 300.0	
Specific Conductance (EC)	140	1.0	µmhos/cm	"	CQ04954	06/14/07	06/14/07	EPA 120.1	
Hexavalent Chromium	ND	10	µg/L	"	CQ04924	06/13/07	06/13/07	EPA 7196A	HT-1
Hexavalent Chromium, Dissolved	ND	10	"	"	CQ04948	06/14/07	06/14/07	"	HT-1
Methylene Blue Active Substances	ND	0.10	mg/L	"	CQ04909	06/13/07	06/13/07	EPA 425.1	
Calcium	16	1.0	"	"	CQ04898	06/13/07	06/13/07	200.7/2340B	
Magnesium	8.4	1.0	"	"	"	"	"	"	
Potassium	ND	1.0	"	"	"	"	"	"	
Sodium	3.1	1.0	"	"	"	"	"	"	
Hardness as CaCO3	76	1.0	"	"	"	"	"	"	
pH	7.67	0.01	pH Units	"	CQ04901	06/13/07	06/13/07	EPA 150.1	HT-1
Sulfate as SO4	ND	0.50	mg/L	"	CQ05242	06/23/07	06/24/07	EPA 300.0	
Total Dissolved Solids	100	10	"	"	CQ04904	06/13/07	06/15/07	EPA 160.1	
<b>WM4 DC @ 48" CULVERT (CQF0399-05) Water</b> Sampled: 06/11/07 12:00 Received: 06/13/07 08:43									
Total Alkalinity	72	5.0	mg/L	1	CQ04946	06/14/07	06/14/07	EPA 310.1	
Bicarbonate as CaCO3	72	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

06/27/07 15:43

CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114	Project: Walker Mine Project Number: PCA 13180 Project Manager: Steve Rosenbaum	CLS Work Order #: CQF0399 COC #: 84179-84180
--	---	---

## Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WM4 DC @ 48" CULVERT (CQF0399-05) Water</b> Sampled: 06/11/07 12:00    Received: 06/13/07 08:43									
Chloride	ND	0.50	mg/L	1	CQ05242	06/23/07	06/24/07	EPA 300.0	
Specific Conductance (EC)	140	1.0	µmhos/cm	"	CQ04954	06/14/07	06/14/07	EPA 120.1	
Hexavalent Chromium	ND	10	µg/L	"	CQ04924	06/13/07	06/13/07	EPA 7196A	HT-1
Hexavalent Chromium, Dissolved	ND	10	"	"	CQ04948	06/14/07	06/14/07	"	HT-1
Methylene Blue Active Substances	ND	0.10	mg/L	"	CQ04909	06/13/07	06/13/07	EPA 425.1	
Calcium	15	1.0	"	"	CQ04898	06/13/07	"	200.7/2340B	
Magnesium	7.8	1.0	"	"	"	"	"	"	
Potassium	ND	1.0	"	"	"	"	"	"	
Sodium	3.3	1.0	"	"	"	"	"	"	
Hardness as CaCO3	70	1.0	"	"	"	"	"	"	
pH	7.70	0.01	pH Units	"	CQ04901	06/13/07	06/13/07	EPA 150.1	HT-1
Sulfate as SO4	1.2	0.50	mg/L	"	CQ05242	06/23/07	06/24/07	EPA 300.0	
Total Dissolved Solids	98	10	"	"	CQ04904	06/13/07	06/15/07	EPA 160.1	
<b>WM9 LGC @ BC (CQF0399-06) Water</b> Sampled: 06/11/07 13:00    Received: 06/13/07 08:43									
Total Alkalinity	60	5.0	mg/L	1	CQ04946	06/14/07	06/14/07	EPA 310.1	
Bicarbonate as CaCO3	60	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	ND	0.50	"	"	CQ05242	06/23/07	06/24/07	EPA 300.0	
Specific Conductance (EC)	120	1.0	µmhos/cm	"	CQ04954	06/14/07	06/14/07	EPA 120.1	
Hexavalent Chromium	ND	10	µg/L	"	CQ04924	06/13/07	06/13/07	EPA 7196A	HT-1
Hexavalent Chromium, Dissolved	ND	10	"	"	CQ04948	06/14/07	06/14/07	"	HT-1
Methylene Blue Active Substances	ND	0.10	mg/L	"	CQ04909	06/13/07	06/13/07	EPA 425.1	
Calcium	14	1.0	"	"	CQ04898	06/13/07	06/13/07	200.7/2340B	
Magnesium	4.6	1.0	"	"	"	"	"	"	
Potassium	1.3	1.0	"	"	"	"	"	"	
Sodium	4.2	1.0	"	"	"	"	"	"	
Hardness as CaCO3	55	1.0	"	"	"	"	"	"	
pH	7.77	0.01	pH Units	"	CQ04901	06/13/07	06/13/07	EPA 150.1	HT-1
Sulfate as SO4	4.4	0.50	mg/L	"	CQ05242	06/23/07	06/24/07	EPA 300.0	
Total Dissolved Solids	89	10	"	"	CQ04904	06/13/07	06/15/07	EPA 160.1	
<b>WM6 USFS DAM (CQF0399-07) Water</b> Sampled: 06/11/07 13:30    Received: 06/13/07 08:43									
Total Alkalinity	70	5.0	mg/L	1	CQ04946	06/14/07	06/14/07	EPA 310.1	
Bicarbonate as CaCO3	70	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	ND	0.50	"	"	CQ05242	06/23/07	06/24/07	EPA 300.0	
Specific Conductance (EC)	140	1.0	µmhos/cm	"	CQ04954	06/14/07	06/14/07	EPA 120.1	

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

06/27/07 15:43

CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114	Project: Walker Mine Project Number: PCA 13180 Project Manager: Steve Rosenbaum	CLS Work Order #: CQF0399 COC #: 84179-84180
--	---	---

## Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WM6 USFS DAM (CQF0399-07) Water</b> Sampled: 06/11/07 13:30 Received: 06/13/07 08:43									
Hexavalent Chromium	ND	10	µg/L	1	CQ04924	06/13/07	06/13/07	EPA 7196A	HT-1
Hexavalent Chromium, Dissolved	ND	10	"	"	CQ04948	06/14/07	06/14/07	"	HT-1
Methylene Blue Active Substances	ND	0.10	mg/L	"	CQ04909	06/13/07	06/13/07	EPA 425.1	
Calcium	16	1.0	"	"	CQ04898	06/13/07	06/13/07	200.7/2340B	
Magnesium	6.9	1.0	"	"	"	"	"	"	
Potassium	ND	1.0	"	"	"	"	"	"	
Sodium	3.9	1.0	"	"	"	"	"	"	
Hardness as CaCO3	69	1.0	"	"	"	"	"	"	
pH	7.92	0.01	pH Units	"	CQ04901	06/13/07	06/13/07	EPA 150.1	HT-1
Sulfate as SO4	3.2	0.50	mg/L	"	CQ05242	06/23/07	06/24/07	EPA 300.0	
Total Dissolved Solids	98	10	"	"	CQ04904	06/13/07	06/15/07	EPA 160.1	
<b>WM7 LGC U/S DC (CQF0399-08) Water</b> Sampled: 06/11/07 13:40 Received: 06/13/07 08:43									
Total Alkalinity	53	5.0	mg/L	1	CQ04946	06/14/07	06/14/07	EPA 310.1	
Bicarbonate as CaCO3	53	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	ND	0.50	"	"	CQ05242	06/23/07	06/24/07	EPA 300.0	
Specific Conductance (EC)	110	1.0	µmhos/cm	"	CQ04954	06/14/07	06/14/07	EPA 120.1	
Hexavalent Chromium	ND	10	µg/L	"	CQ04924	06/13/07	06/13/07	EPA 7196A	HT-1
Hexavalent Chromium, Dissolved	ND	10	"	"	CQ04948	06/14/07	06/14/07	"	HT-1
Methylene Blue Active Substances	ND	0.10	mg/L	"	CQ04909	06/13/07	06/13/07	EPA 425.1	
Calcium	14	1.0	"	"	CQ04898	06/13/07	06/13/07	200.7/2340B	
Magnesium	4.1	1.0	"	"	"	"	"	"	
Potassium	1.4	1.0	"	"	"	"	"	"	
Sodium	4.3	1.0	"	"	"	"	"	"	
Hardness as CaCO3	52	1.0	"	"	"	"	"	"	
pH	7.62	0.01	pH Units	"	CQ04901	06/13/07	06/13/07	EPA 150.1	HT-1
Sulfate as SO4	4.7	0.50	mg/L	"	CQ05242	06/23/07	06/24/07	EPA 300.0	
Total Dissolved Solids	76	10	"	"	CQ04904	06/13/07	06/15/07	EPA 160.1	
<b>WM8 LGC D/S DC (CQF0399-09) Water</b> Sampled: 06/11/07 13:40 Received: 06/13/07 08:43									
Total Alkalinity	56	5.0	mg/L	1	CQ04946	06/14/07	06/14/07	EPA 310.1	
Bicarbonate as CaCO3	56	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	ND	0.50	"	"	CQ05242	06/23/07	06/24/07	EPA 300.0	
Specific Conductance (EC)	120	1.0	µmhos/cm	"	CQ04954	06/14/07	06/14/07	EPA 120.1	
Hexavalent Chromium	ND	10	µg/L	"	CQ04924	06/13/07	06/13/07	EPA 7196A	HT-1
Hexavalent Chromium, Dissolved	ND	10	"	"	CQ04948	06/14/07	06/14/07	"	HT-1

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

06/27/07 15:43

CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114	Project: Walker Mine Project Number: PCA 13180 Project Manager: Steve Rosenbaum	CLS Work Order #: CQF0399 COC #: 84179-84180
--	---	---

## Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WM8 LGC D/S DC (CQF0399-09) Water</b> Sampled: 06/11/07 13:40 Received: 06/13/07 08:43									
Methylene Blue Active Substances	ND	0.10	mg/L	1	CQ04909	06/13/07	06/13/07	EPA 425.1	
Calcium	14	1.0	"	"	CQ04898	06/13/07	06/13/07	200.7/2340B	
Magnesium	4.6	1.0	"	"	"	"	"	"	
Potassium	1.3	1.0	"	"	"	"	"	"	
Sodium	4.1	1.0	"	"	"	"	"	"	
Hardness as CaCO3	53	1.0	"	"	"	"	"	"	
pH	7.76	0.01	pH Units	"	CQ04901	06/13/07	06/13/07	EPA 150.1	HT-1
Sulfate as SO4	4.4	0.50	mg/L	"	CQ05242	06/23/07	06/24/07	EPA 300.0	
Total Dissolved Solids	76	10	"	"	CQ04904	06/13/07	06/15/07	EPA 160.1	
<b>WM11 S. BR WARD CK (CQF0399-10) Water</b> Sampled: 06/11/07 14:00 Received: 06/13/07 08:43									
Total Alkalinity	20	5.0	mg/L	1	CQ04946	06/14/07	06/14/07	EPA 310.1	
Bicarbonate as CaCO3	20	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	0.51	0.50	"	"	CQ05242	06/23/07	06/24/07	EPA 300.0	
Specific Conductance (EC)	45	1.0	µmhos/cm	"	CQ04954	06/14/07	06/14/07	EPA 120.1	
Hexavalent Chromium	ND	10	µg/L	"	CQ04924	06/13/07	06/13/07	EPA 7196A	HT-1
Hexavalent Chromium, Dissolved	ND	10	"	"	CQ04948	06/14/07	06/14/07	"	HT-1
Methylene Blue Active Substances	ND	0.10	mg/L	"	CQ04909	06/13/07	06/13/07	EPA 425.1	
Calcium	4.4	1.0	"	"	CQ04898	06/13/07	06/13/07	200.7/2340B	
Magnesium	1.5	1.0	"	"	"	"	"	"	
Potassium	ND	1.0	"	"	"	"	"	"	
Sodium	2.5	1.0	"	"	"	"	"	"	
Hardness as CaCO3	17	1.0	"	"	"	"	"	"	
pH	6.75	0.01	pH Units	"	CQ04901	06/13/07	06/13/07	EPA 150.1	HT-1
Sulfate as SO4	0.63	0.50	mg/L	"	CQ05242	06/23/07	06/24/07	EPA 300.0	
Total Dissolved Solids	36	10	"	"	CQ04904	06/13/07	06/15/07	EPA 160.1	
<b>WM12 M. BR WARD CK (CQF0399-11) Water</b> Sampled: 06/11/07 14:10 Received: 06/13/07 08:43									
Total Alkalinity	17	5.0	mg/L	1	CQ04946	06/14/07	06/14/07	EPA 310.1	
Bicarbonate as CaCO3	17	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	ND	0.50	"	"	CQ05242	06/23/07	06/24/07	EPA 300.0	
Specific Conductance (EC)	35	1.0	µmhos/cm	"	CQ04954	06/14/07	06/14/07	EPA 120.1	
Hexavalent Chromium	ND	10	µg/L	"	CQ04924	06/13/07	06/13/07	EPA 7196A	HT-1
Hexavalent Chromium, Dissolved	ND	10	"	"	CQ04948	06/14/07	06/14/07	"	HT-1
Methylene Blue Active Substances	ND	0.10	mg/L	"	CQ04909	06/13/07	06/13/07	EPA 425.1	
Calcium	3.2	1.0	"	"	CQ04898	06/13/07	06/13/07	200.7/2340B	

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

06/27/07 15:43

CRWQCB - Sacramento  
11020 Sun Center Drive, Ste. 200  
Rancho Cordova CA, 95670-6114

Project: Walker Mine  
Project Number: PCA 13180  
Project Manager: Steve Rosenbaum

CLS Work Order #: CQF0399  
COC #: 84179-84180

## Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WM12 M. BR WARD CK (CQF0399-11) Water</b> Sampled: 06/11/07 14:10 Received: 06/13/07 08:43									
Magnesium	1.6	1.0	mg/L	1	CQ04898	06/13/07	06/13/07	200.7/2340B	
Potassium	ND	1.0	"	"	"	"	"	"	
Sodium	1.3	1.0	"	"	"	"	"	"	
Hardness as CaCO3	15	1.0	"	"	"	"	"	"	
pH	5.90	0.01	pH Units	"	CQ04901	06/13/07	06/13/07	EPA 150.1	HT-1
Sulfate as SO4	0.51	0.50	mg/L	"	CQ05242	06/23/07	06/24/07	EPA 300.0	
Total Dissolved Solids	21	10	"	"	CQ04904	06/13/07	06/15/07	EPA 160.1	
<b>WM13 NYE CK (CQF0399-12) Water</b> Sampled: 06/11/07 14:20 Received: 06/13/07 08:43									
Total Alkalinity	53	5.0	mg/L	1	CQ04946	06/14/07	06/14/07	EPA 310.1	
Bicarbonate as CaCO3	53	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	ND	0.50	"	"	CQ05242	06/23/07	06/24/07	EPA 300.0	
Specific Conductance (EC)	96	1.0	µmhos/cm	"	CQ04954	06/14/07	06/14/07	EPA 120.1	
Hexavalent Chromium	ND	10	µg/L	"	CQ04924	06/13/07	06/13/07	EPA 7196A	HT-1
Hexavalent Chromium, Dissolved	ND	10	"	"	CQ04948	06/14/07	06/14/07	"	HT-1
Methylene Blue Active Substances	ND	0.10	mg/L	"	CQ04909	06/13/07	06/13/07	EPA 425.1	
Calcium	11	1.0	"	"	CQ04898	06/13/07	06/13/07	200.7/2340B	
Magnesium	4.8	1.0	"	"	"	"	"	"	
Potassium	ND	1.0	"	"	"	"	"	"	
Sodium	2.7	1.0	"	"	"	"	"	"	
Hardness as CaCO3	47	1.0	"	"	"	"	"	"	
pH	7.24	0.01	pH Units	"	CQ04901	06/13/07	06/13/07	EPA 150.1	HT-1
Sulfate as SO4	ND	0.50	mg/L	"	CQ05242	06/23/07	06/24/07	EPA 300.0	
Total Dissolved Solids	70	10	"	"	CQ04904	06/13/07	06/15/07	EPA 160.1	
<b>WM17 N. BR WARD CK (CQF0399-13) Water</b> Sampled: 06/11/07 14:30 Received: 06/13/07 08:43									
Total Alkalinity	80	5.0	mg/L	1	CQ04946	06/14/07	06/14/07	EPA 310.1	
Bicarbonate as CaCO3	80	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	0.51	0.50	"	"	CQ05242	06/23/07	06/24/07	EPA 300.0	
Specific Conductance (EC)	160	1.0	µmhos/cm	"	CQ04954	06/14/07	06/14/07	EPA 120.1	
Hexavalent Chromium	ND	10	µg/L	"	CQ04924	06/13/07	06/13/07	EPA 7196A	HT-1
Hexavalent Chromium, Dissolved	ND	10	"	"	CQ04948	06/14/07	06/14/07	"	HT-1
Methylene Blue Active Substances	ND	0.10	mg/L	"	CQ04909	06/13/07	06/13/07	EPA 425.1	
Calcium	18	1.0	"	"	CQ04898	06/13/07	06/13/07	200.7/2340B	
Magnesium	7.7	1.0	"	"	"	"	"	"	
Potassium	1.7	1.0	"	"	"	"	"	"	

CA DOHS ELAP Accreditation/Registration Number 1233

3249 Fitzgerald Road Rancho Cordova, CA 95742

www.californialab.com

916-638-7301

Fax: 916-638-4510

# CALIFORNIA LABORATORY SERVICES

06/27/07 15:43

CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114	Project: Walker Mine Project Number: PCA 13180 Project Manager: Steve Rosenbaum	CLS Work Order #: CQF0399 COC #: 84179-84180
--	---	---

## Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WM17 N. BR WARD CK (CQF0399-13) Water</b> Sampled: 06/11/07 14:30 Received: 06/13/07 08:43									
Sodium	3.8	1.0	mg/L	1	CQ04898	06/13/07	06/13/07	200.7/2340B	
Hardness as CaCO3	77	1.0	"	"	"	"	"	"	
pH	7.81	0.01	pH Units	"	CQ04901	06/13/07	06/13/07	EPA 150.1	HT-1
Sulfate as SO4	0.53	0.50	mg/L	"	CQ05242	06/23/07	06/24/07	EPA 300.0	
Total Dissolved Solids	100	10	"	"	CQ04904	06/13/07	06/15/07	EPA 160.1	
<b>WM18 N.B. WARD CK (CQF0399-14) Water</b> Sampled: 06/11/07 15:10 Received: 06/13/07 08:43									
Total Alkalinity	82	5.0	mg/L	1	CQ04946	06/14/07	06/14/07	EPA 310.1	
Bicarbonate as CaCO3	82	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	0.51	0.50	"	"	CQ05242	06/23/07	06/24/07	EPA 300.0	
Specific Conductance (EC)	160	1.0	µmhos/cm	"	CQ04954	06/14/07	06/14/07	EPA 120.1	
Hexavalent Chromium	ND	10	µg/L	"	CQ04924	06/13/07	06/13/07	EPA 7196A	HT-1
Hexavalent Chromium, Dissolved	ND	10	"	"	CQ04948	06/14/07	06/14/07	"	HT-1
Methylene Blue Active Substances	ND	0.10	mg/L	"	CQ04909	06/13/07	06/13/07	EPA 425.1	
Calcium	19	1.0	"	"	CQ04898	06/13/07	06/13/07	200.7/2340B	
Magnesium	7.6	1.0	"	"	"	"	"	"	
Potassium	1.9	1.0	"	"	"	"	"	"	
Sodium	4.2	1.0	"	"	"	"	"	"	
Hardness as CaCO3	78	1.0	"	"	"	"	"	"	
pH	7.91	0.01	pH Units	"	CQ04901	06/13/07	06/13/07	EPA 150.1	HT-1
Sulfate as SO4	0.60	0.50	mg/L	"	CQ05242	06/23/07	06/24/07	EPA 300.0	
Total Dissolved Solids	97	10	"	"	CQ04904	06/13/07	06/15/07	EPA 160.1	
<b>WM16 NYE CK 25N32Y (CQF0399-15) Water</b> Sampled: 06/11/07 15:40 Received: 06/13/07 08:43									
Total Alkalinity	76	5.0	mg/L	1	CQ04946	06/14/07	06/14/07	EPA 310.1	
Bicarbonate as CaCO3	76	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	ND	0.50	"	"	CQ05242	06/23/07	06/24/07	EPA 300.0	
Specific Conductance (EC)	140	1.0	µmhos/cm	"	CQ04954	06/14/07	06/14/07	EPA 120.1	
Hexavalent Chromium	ND	10	µg/L	"	CQ04924	06/13/07	06/13/07	EPA 7196A	HT-1
Hexavalent Chromium, Dissolved	ND	10	"	"	CQ04948	06/14/07	06/14/07	"	HT-1
Methylene Blue Active Substances	ND	0.10	mg/L	"	CQ04909	06/13/07	06/13/07	EPA 425.1	
Calcium	16	1.0	"	"	CQ04898	06/13/07	06/13/07	200.7/2340B	
Magnesium	6.7	1.0	"	"	"	"	"	"	
Potassium	1.1	1.0	"	"	"	"	"	"	
Sodium	3.3	1.0	"	"	"	"	"	"	
Hardness as CaCO3	68	1.0	"	"	"	"	"	"	

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

06/27/07 15:43

CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114	Project: Walker Mine Project Number: PCA 13180 Project Manager: Steve Rosenbaum	CLS Work Order #: CQF0399 COC #: 84179-84180
--	---	---

## Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WM16 NYE CK 25N32Y (CQF0399-15) Water</b> Sampled: 06/11/07 15:40 Received: 06/13/07 08:43									
pH	7.84	0.01	pH Units	1	CQ04901	06/13/07	06/13/07	EPA 150.1	HT-1
Sulfate as SO4	ND	0.50	mg/L	"	CQ05242	06/23/07	06/24/07	EPA 300.0	
Total Dissolved Solids	89	10	"	"	CQ04904	06/13/07	06/15/07	EPA 160.1	
<b>WM15 M. BR WARD CK 25N32Y (CQF0399-16) Water</b> Sampled: 06/11/07 15:50 Received: 06/13/07 08:43									
Total Alkalinity	70	5.0	mg/L	1	CQ04946	06/14/07	06/14/07	EPA 310.1	
Bicarbonate as CaCO3	70	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	0.50	0.50	"	"	CQ05242	06/23/07	06/24/07	EPA 300.0	
Specific Conductance (EC)	130	1.0	µmhos/cm	"	CQ04954	06/14/07	06/14/07	EPA 120.1	
Hexavalent Chromium	ND	10	µg/L	"	CQ04924	06/13/07	06/13/07	EPA 7196A	HT-1
Hexavalent Chromium, Dissolved	ND	10	"	"	CQ04948	06/14/07	06/14/07	"	HT-1
Methylene Blue Active Substances	ND	0.10	mg/L	"	CQ04909	06/13/07	06/13/07	EPA 425.1	
Calcium	15	1.0	"	"	CQ04898	06/13/07	06/13/07	200.7/2340B	
Magnesium	6.2	1.0	"	"	"	"	"	"	
Potassium	1.2	1.0	"	"	"	"	"	"	
Sodium	3.2	1.0	"	"	"	"	"	"	
Hardness as CaCO3	63	1.0	"	"	"	"	"	"	
pH	7.92	0.01	pH Units	"	CQ04901	06/13/07	06/13/07	EPA 150.1	HT-1
Sulfate as SO4	ND	0.50	mg/L	"	CQ05242	06/23/07	06/24/07	EPA 300.0	
Total Dissolved Solids	82	10	"	"	CQ04904	06/13/07	06/15/07	EPA 160.1	
<b>WM14 S. BR WARD CK 25N32Y (CQF0399-17) Water</b> Sampled: 06/11/07 16:00 Received: 06/13/07 08:43									
Total Alkalinity	92	5.0	mg/L	1	CQ04946	06/14/07	06/14/07	EPA 310.1	
Bicarbonate as CaCO3	92	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	0.50	0.50	"	"	CQ05242	06/23/07	06/24/07	EPA 300.0	
Specific Conductance (EC)	180	1.0	µmhos/cm	"	CQ04954	06/14/07	06/14/07	EPA 120.1	
Hexavalent Chromium	ND	10	µg/L	"	CQ04924	06/13/07	06/13/07	EPA 7196A	HT-1
Hexavalent Chromium, Dissolved	ND	10	"	"	CQ04948	06/14/07	06/14/07	"	HT-1
Methylene Blue Active Substances	ND	0.10	mg/L	"	CQ04909	06/13/07	06/13/07	EPA 425.1	
Calcium	31	1.0	"	"	CQ04898	06/13/07	06/13/07	200.7/2340B	
Magnesium	2.9	1.0	"	"	"	"	"	"	
Potassium	1.1	1.0	"	"	"	"	"	"	
Sodium	3.1	1.0	"	"	"	"	"	"	
Hardness as CaCO3	90	1.0	"	"	"	"	"	"	
pH	7.80	0.01	pH Units	"	CQ04901	06/13/07	06/13/07	EPA 150.1	HT-1
Sulfate as SO4	3.9	0.50	mg/L	"	CQ05242	06/23/07	06/24/07	EPA 300.0	

CA DOHS ELAP Accreditation/Registration Number 1233



# CALIFORNIA LABORATORY SERVICES

06/27/07 15:43

CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114	Project: Walker Mine Project Number: PCA 13180 Project Manager: Steve Rosenbaum	CLS Work Order #: CQF0399 COC #: 84179-84180
--	---	---

## Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WM14 S. BR WARD CK 25N32Y (CQF0399-17) Water</b> Sampled: 06/11/07 16:00 Received: 06/13/07 08:43									
Total Dissolved Solids	110	10	mg/L	1	CQ04904	06/13/07	06/15/07	EPA 160.1	
<b>WM20 LG CAT FW (CQF0399-18) Water</b> Sampled: 06/11/07 17:20 Received: 06/13/07 08:43									
Total Alkalinity	58	5.0	mg/L	1	CQ04946	06/14/07	06/14/07	EPA 310.1	
Bicarbonate as CaCO3	58	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	0.54	0.50	"	"	CQ05242	06/23/07	06/24/07	EPA 300.0	
Specific Conductance (EC)	120	1.0	µmhos/cm	"	CQ04954	06/14/07	06/14/07	EPA 120.1	
Hexavalent Chromium	ND	10	µg/L	"	CQ04924	06/13/07	06/13/07	EPA 7196A	HT-1
Hexavalent Chromium, Dissolved	ND	10	"	"	CQ04948	06/14/07	06/14/07	"	HT-1
Methylene Blue Active Substances	ND	0.10	mg/L	"	CQ04909	06/13/07	06/13/07	EPA 425.1	
Calcium	14	1.0	"	"	CQ04898	06/13/07	06/13/07	200.7/2340B	
Magnesium	3.9	1.0	"	"	"	"	"	"	
Potassium	1.5	1.0	"	"	"	"	"	"	
Sodium	5.7	1.0	"	"	"	"	"	"	
Hardness as CaCO3	52	1.0	"	"	"	"	"	"	
pH	7.81	0.01	pH Units	"	CQ04901	06/13/07	06/13/07	EPA 150.1	HT-1
Sulfate as SO4	4.8	0.50	mg/L	"	CQ05242	06/23/07	06/24/07	EPA 300.0	
Total Dissolved Solids	82	10	"	"	CQ04904	06/13/07	06/15/07	EPA 160.1	

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

06/27/07 15:43

CRWQCB - Sacramento  
11020 Sun Center Drive, Ste. 200  
Rancho Cordova CA, 95670-6114

Project: Walker Mine  
Project Number: PCA 13180  
Project Manager: Steve Rosenbaum

CLS Work Order #: CQF0399  
COC #: 84179-84180

## Metals by EPA 200 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WM5 LGC U/S (CQF0399-01) Water</b> Sampled: 06/11/07 10:00 Received: 06/13/07 08:43									
Aluminum	22	20	µg/L	1	CQ04916	06/13/07	06/14/07	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	ND	1.0	"	"	"	"	"	"	
Iron	350	50	"	"	"	"	"	"	
Zinc	ND	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM3 DC D/S (CQF0399-02) Water</b> Sampled: 06/11/07 10:10 Received: 06/13/07 08:43									
Aluminum	ND	20	µg/L	1	CQ04916	06/13/07	06/14/07	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	9.4	1.0	"	"	"	"	"	"	
Iron	630	50	"	"	"	"	"	"	
Zinc	4.4	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM1 PORTAL (CQF0399-03) Water</b> Sampled: 06/11/07 10:30 Received: 06/13/07 08:43									
Aluminum	ND	20	µg/L	1	CQ04916	06/13/07	06/14/07	EPA 200.8	
Arsenic	23	2.0	"	"	"	"	"	"	
Copper	100	1.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	"	"	
Zinc	36	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM 2 DC U/S (CQF0399-04) Water</b> Sampled: 06/11/07 10:30 Received: 06/13/07 08:43									
Aluminum	ND	20	µg/L	1	CQ04916	06/13/07	06/14/07	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	ND	1.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	"	"	
Zinc	ND	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM4 DC @ 48" CULVERT (CQF0399-05) Water</b> Sampled: 06/11/07 12:00 Received: 06/13/07 08:43									
Aluminum	ND	20	µg/L	1	CQ04916	06/13/07	06/14/07	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	13	1.0	"	"	"	"	"	"	
Iron	360	50	"	"	"	"	"	"	
Zinc	3.3	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM9 LGC @ BC (CQF0399-06) Water</b> Sampled: 06/11/07 13:00 Received: 06/13/07 08:43									
Aluminum	ND	20	µg/L	1	CQ04916	06/13/07	06/14/07	EPA 200.8	

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

06/27/07 15:43

CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114	Project: Walker Mine Project Number: PCA 13180 Project Manager: Steve Rosenbaum	CLS Work Order #: CQF0399 COC #: 84179-84180
--	---	---

## Metals by EPA 200 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WM9 LGC @ BC (CQF0399-06) Water</b> Sampled: 06/11/07 13:00 Received: 06/13/07 08:43									
Arsenic	ND	2.0	µg/L	1	CQ04916	06/13/07	06/14/07	EPA 200.8	
Copper	16	1.0	"	"	"	"	"	"	
Iron	440	50	"	"	"	"	"	"	
Zinc	2.5	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM6 USFS DAM (CQF0399-07) Water</b> Sampled: 06/11/07 13:30 Received: 06/13/07 08:43									
Aluminum	ND	20	µg/L	1	CQ04916	06/13/07	06/14/07	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	78	1.0	"	"	"	"	"	"	
Iron	910	50	"	"	"	"	"	"	
Zinc	6.1	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM7 LGC U/S DC (CQF0399-08) Water</b> Sampled: 06/11/07 13:40 Received: 06/13/07 08:43									
Aluminum	ND	20	µg/L	1	CQ04916	06/13/07	06/14/07	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	ND	1.0	"	"	"	"	"	"	
Iron	360	50	"	"	"	"	"	"	
Zinc	2.3	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM8 LGC D/S DC (CQF0399-09) Water</b> Sampled: 06/11/07 13:40 Received: 06/13/07 08:43									
Aluminum	ND	20	µg/L	1	CQ04916	06/13/07	06/14/07	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	17	1.0	"	"	"	"	"	"	
Iron	460	50	"	"	"	"	"	"	
Zinc	3.8	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM11 S. BR WARD CK (CQF0399-10) Water</b> Sampled: 06/11/07 14:00 Received: 06/13/07 08:43									
Aluminum	30	20	µg/L	1	CQ04916	06/13/07	06/14/07	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	3.2	1.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	"	"	
Zinc	6.6	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM12 M. BR WARD CK (CQF0399-11) Water</b> Sampled: 06/11/07 14:10 Received: 06/13/07 08:43									
Aluminum	57	20	µg/L	1	CQ04916	06/13/07	06/14/07	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

06/27/07 15:43

CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114	Project: Walker Mine Project Number: PCA 13180 Project Manager: Steve Rosenbaum	CLS Work Order #: CQF0399 COC #: 84179-84180
--	---	---

## Metals by EPA 200 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WM12 M. BR WARD CK (CQF0399-11) Water</b> Sampled: 06/11/07 14:10 Received: 06/13/07 08:43									
Copper	4.6	1.0	µg/L	1	CQ04916	06/13/07	06/14/07	EPA 200.8	
Iron	ND	50	"	"	"	"	"	"	
Zinc	3.6	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM13 NYE CK (CQF0399-12) Water</b> Sampled: 06/11/07 14:20 Received: 06/13/07 08:43									
Aluminum	ND	20	µg/L	1	CQ04916	06/13/07	06/14/07	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	ND	1.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	"	"	
Zinc	ND	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM17 N. BR WARD CK (CQF0399-13) Water</b> Sampled: 06/11/07 14:30 Received: 06/13/07 08:43									
Aluminum	ND	20	µg/L	1	CQ04916	06/13/07	06/14/07	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	ND	1.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	"	"	
Zinc	ND	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM18 N.B. WARD CK (CQF0399-14) Water</b> Sampled: 06/11/07 15:10 Received: 06/13/07 08:43									
Aluminum	ND	20	µg/L	1	CQ04916	06/13/07	06/14/07	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	ND	1.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	"	"	
Zinc	ND	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM16 NYE CK 25N32Y (CQF0399-15) Water</b> Sampled: 06/11/07 15:40 Received: 06/13/07 08:43									
Aluminum	ND	20	µg/L	1	CQ04916	06/13/07	06/14/07	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	ND	1.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	"	"	
Zinc	ND	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM15 M. BR WARD CK 25N32Y (CQF0399-16) Water</b> Sampled: 06/11/07 15:50 Received: 06/13/07 08:43									
Aluminum	ND	20	µg/L	1	CQ04916	06/13/07	06/14/07	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	ND	1.0	"	"	"	"	"	"	

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

06/27/07 15:43

CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114	Project: Walker Mine Project Number: PCA 13180 Project Manager: Steve Rosenbaum	CLS Work Order #: CQF0399 COC #: 84179-84180
--	---	---

## Metals by EPA 200 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WM15 M. BR WARD CK 25N32Y (CQF0399-16) Water</b> Sampled: 06/11/07 15:50 Received: 06/13/07 08:43									
Iron	ND	50	µg/L	1	CQ04916	06/13/07	06/14/07	EPA 200.8	
Zinc	ND	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM14 S. BR WARD CK 25N32Y (CQF0399-17) Water</b> Sampled: 06/11/07 16:00 Received: 06/13/07 08:43									
Aluminum	ND	20	µg/L	1	CQ04916	06/13/07	06/14/07	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	1.6	1.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	"	"	
Zinc	5.0	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM20 LG CAT FW (CQF0399-18) Water</b> Sampled: 06/11/07 17:20 Received: 06/13/07 08:43									
Aluminum	ND	20	µg/L	1	CQ04916	06/13/07	06/14/07	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	6.9	1.0	"	"	"	"	"	"	
Iron	81	50	"	"	"	"	"	"	
Zinc	2.5	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

06/27/07 15:43

CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114	Project: Walker Mine Project Number: PCA 13180 Project Manager: Steve Rosenbaum	CLS Work Order #: CQF0399 COC #: 84179-84180
--	---	---

## Metals (Dissolved) by EPA 200 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WM5 LGC U/S (CQF0399-01) Water</b> Sampled: 06/11/07 10:00 Received: 06/13/07 08:43									
Aluminum	ND	20	µg/L	1	CQ04940	06/14/07	06/14/07	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	ND	2.0	"	"	"	"	"	"	
Iron	270	50	"	"	"	"	"	"	
Zinc	2.4	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM3 DC D/S (CQF0399-02) Water</b> Sampled: 06/11/07 10:10 Received: 06/13/07 08:43									
Aluminum	ND	20	µg/L	1	CQ04940	06/14/07	06/14/07	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	5.8	2.0	"	"	"	"	"	"	
Iron	280	50	"	"	"	"	"	"	
Zinc	3.5	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM1 PORTAL (CQF0399-03) Water</b> Sampled: 06/11/07 10:30 Received: 06/13/07 08:43									
Aluminum	ND	20	µg/L	1	CQ04940	06/14/07	06/14/07	EPA 200.8	
Arsenic	22	5.0	"	"	"	"	"	"	
Copper	89	2.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	"	"	
Zinc	35	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM 2 DC U/S (CQF0399-04) Water</b> Sampled: 06/11/07 10:30 Received: 06/13/07 08:43									
Aluminum	ND	20	µg/L	1	CQ04940	06/14/07	06/14/07	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	ND	2.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	"	"	
Zinc	ND	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM4 DC @ 48" CULVERT (CQF0399-05) Water</b> Sampled: 06/11/07 12:00 Received: 06/13/07 08:43									
Aluminum	ND	20	µg/L	1	CQ04940	06/14/07	06/14/07	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	8.1	2.0	"	"	"	"	"	"	
Iron	190	50	"	"	"	"	"	"	
Zinc	3.4	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM9 LGC @ BC (CQF0399-06) Water</b> Sampled: 06/11/07 13:00 Received: 06/13/07 08:43									
Aluminum	ND	20	µg/L	1	CQ04940	06/14/07	06/14/07	EPA 200.8	

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

06/27/07 15:43

CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114	Project: Walker Mine Project Number: PCA 13180 Project Manager: Steve Rosenbaum	CLS Work Order #: CQF0399 COC #: 84179-84180
--	---	---

## Metals (Dissolved) by EPA 200 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WM9 LGC @ BC (CQF0399-06) Water</b> Sampled: 06/11/07 13:00 Received: 06/13/07 08:43									
Arsenic	ND	5.0	µg/L	1	CQ04940	06/14/07	06/14/07	EPA 200.8	
Copper	13	2.0	"	"	"	"	"	"	
Iron	340	50	"	"	"	"	"	"	
Zinc	2.5	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM6 USFS DAM (CQF0399-07) Water</b> Sampled: 06/11/07 13:30 Received: 06/13/07 08:43									
Aluminum	ND	20	µg/L	1	CQ04940	06/14/07	06/14/07	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	62	2.0	"	"	"	"	"	"	
Iron	700	50	"	"	"	"	"	"	
Zinc	6.3	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM7 LGC U/S DC (CQF0399-08) Water</b> Sampled: 06/11/07 13:40 Received: 06/13/07 08:43									
Aluminum	ND	20	µg/L	1	CQ04940	06/14/07	06/14/07	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	ND	2.0	"	"	"	"	"	"	
Iron	270	50	"	"	"	"	"	"	
Zinc	2.5	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM8 LGC D/S DC (CQF0399-09) Water</b> Sampled: 06/11/07 13:40 Received: 06/13/07 08:43									
Aluminum	ND	20	µg/L	1	CQ04940	06/14/07	06/14/07	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	4.8	2.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	"	"	
Zinc	ND	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM11 S. BR WARD CK (CQF0399-10) Water</b> Sampled: 06/11/07 14:00 Received: 06/13/07 08:43									
Aluminum	ND	20	µg/L	1	CQ04940	06/14/07	06/14/07	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	2.3	2.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	"	"	
Zinc	5.3	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM12 M. BR WARD CK (CQF0399-11) Water</b> Sampled: 06/11/07 14:10 Received: 06/13/07 08:43									
Aluminum	28	20	µg/L	1	CQ04940	06/14/07	06/14/07	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

06/27/07 15:43

CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114	Project: Walker Mine Project Number: PCA 13180 Project Manager: Steve Rosenbaum	CLS Work Order #: CQF0399 COC #: 84179-84180
--	---	---

## Metals (Dissolved) by EPA 200 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WM12 M. BR WARD CK (CQF0399-11) Water</b> Sampled: 06/11/07 14:10 Received: 06/13/07 08:43									
Copper	3.7	2.0	µg/L	1	CQ04940	06/14/07	06/14/07	EPA 200.8	
Iron	ND	50	"	"	"	"	"	"	
Zinc	4.3	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM13 NYE CK (CQF0399-12) Water</b> Sampled: 06/11/07 14:20 Received: 06/13/07 08:43									
Aluminum	ND	20	µg/L	1	CQ04940	06/14/07	06/14/07	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	ND	2.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	"	"	
Zinc	2.4	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM17 N. BR WARD CK (CQF0399-13) Water</b> Sampled: 06/11/07 14:30 Received: 06/13/07 08:43									
Aluminum	ND	20	µg/L	1	CQ04940	06/14/07	06/14/07	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	ND	2.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	"	"	
Zinc	2.1	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM18 N.B. WARD CK (CQF0399-14) Water</b> Sampled: 06/11/07 15:10 Received: 06/13/07 08:43									
Aluminum	ND	20	µg/L	1	CQ04940	06/14/07	06/14/07	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	ND	2.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	"	"	
Zinc	ND	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM16 NYE CK 25N32Y (CQF0399-15) Water</b> Sampled: 06/11/07 15:40 Received: 06/13/07 08:43									
Aluminum	ND	20	µg/L	1	CQ04940	06/14/07	06/14/07	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	ND	2.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	"	"	
Zinc	ND	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM15 M. BR WARD CK 25N32Y (CQF0399-16) Water</b> Sampled: 06/11/07 15:50 Received: 06/13/07 08:43									
Aluminum	ND	20	µg/L	1	CQ04940	06/14/07	06/14/07	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	ND	2.0	"	"	"	"	"	"	

CA DOHS ELAP Accreditation/Registration Number 1233



# CALIFORNIA LABORATORY SERVICES

06/27/07 15:43

CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114	Project: Walker Mine Project Number: PCA 13180 Project Manager: Steve Rosenbaum	CLS Work Order #: CQF0399 COC #: 84179-84180
--	---	---

## Metals (Dissolved) by EPA 200 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WM15 M. BR WARD CK 25N32Y (CQF0399-16) Water</b> Sampled: 06/11/07 15:50    Received: 06/13/07 08:43									
Iron	ND	50	µg/L	1	CQ04940	06/14/07	06/14/07	EPA 200.8	
Zinc	3.0	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM14 S. BR WARD CK 25N32Y (CQF0399-17) Water</b> Sampled: 06/11/07 16:00    Received: 06/13/07 08:43									
Aluminum	ND	20	µg/L	1	CQ04940	06/14/07	06/14/07	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	ND	2.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	"	"	
Zinc	2.8	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM20 LG CAT FW (CQF0399-18) Water</b> Sampled: 06/11/07 17:20    Received: 06/13/07 08:43									
Aluminum	ND	20	µg/L	1	CQ04940	06/14/07	06/14/07	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	5.0	2.0	"	"	"	"	"	"	
Iron	62	50	"	"	"	"	"	"	
Zinc	2.5	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

06/27/07 15:43

CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114	Project: Walker Mine Project Number: PCA 13180 Project Manager: Steve Rosenbaum	CLS Work Order #: CQF0399 COC #: 84179-84180
--	---	---

## Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch CQ04898 - 6010A/No Digestion</b>										
<b>Blank (CQ04898-BLK1)</b>				Prepared & Analyzed: 06/13/07						
Calcium	ND	1.0	mg/L							
Magnesium	ND	1.0	"							
Potassium	ND	1.0	"							
Sodium	ND	1.0	"							
Hardness as CaCO3	ND	1.0	"							
<b>LCS (CQ04898-BS1)</b>				Prepared & Analyzed: 06/13/07						
Calcium	9.65	1.0	mg/L	10.0		96.5	80-120			
Magnesium	9.40	1.0	"	10.0		94.0	80-120			
Potassium	10.2	1.0	"	10.0		102	80-120			
Sodium	9.58	1.0	"	10.0		95.8	80-120			
<b>LCS Dup (CQ04898-BSD1)</b>				Prepared & Analyzed: 06/13/07						
Calcium	10.1	1.0	mg/L	10.0		101	80-120	4.58	20	
Magnesium	9.44	1.0	"	10.0		94.4	80-120	0.425	20	
Potassium	9.95	1.0	"	10.0		99.5	80-120	1.98	20	
Sodium	9.48	1.0	"	10.0		94.8	80-120	0.976	20	
<b>Matrix Spike (CQ04898-MS1)</b>				Source: CQF0399-01		Prepared & Analyzed: 06/13/07				
Calcium	20.4	1.0	mg/L	10.0	9.01	114	75-125			
Magnesium	13.6	1.0	"	10.0	3.79	98.1	75-125			
Potassium	10.6	1.0	"	10.0	ND	106	75-125			
Sodium	13.2	1.0	"	10.0	3.58	95.8	75-125			
<b>Matrix Spike Dup (CQ04898-MSD1)</b>				Source: CQF0399-01		Prepared & Analyzed: 06/13/07				
Calcium	21.3	1.0	mg/L	10.0	9.01	123	75-125	4.50	25	
Magnesium	14.6	1.0	"	10.0	3.79	108	75-125	7.09	25	
Potassium	11.6	1.0	"	10.0	ND	116	75-125	8.81	25	
Sodium	14.1	1.0	"	10.0	3.58	105	75-125	6.83	25	

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

06/27/07 15:43

CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114	Project: Walker Mine Project Number: PCA 13180 Project Manager: Steve Rosenbaum	CLS Work Order #: CQF0399 COC #: 84179-84180
--	---	---

## Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%RBC	%RBC Limits	RPD	RPD Limit	Notes
<b>Batch CQ04904 - General Preparation</b>										
<b>Blank (CQ04904-BLK1)</b> Prepared: 06/14/07 Analyzed: 06/15/07										
Total Dissolved Solids	ND	10	mg/L							
<b>Batch CQ04909 - General Preparation</b>										
<b>Blank (CQ04909-BLK1)</b> Prepared & Analyzed: 06/13/07										
Methylene Blue Active Substances	ND	0.10	mg/L							
<b>LCS (CQ04909-BS1)</b> Prepared & Analyzed: 06/13/07										
Methylene Blue Active Substances	0.480	0.10	mg/L	0.500		96.0	80-120			
<b>LCS Dup (CQ04909-BSD1)</b> Prepared & Analyzed: 06/13/07										
Methylene Blue Active Substances	0.447	0.10	mg/L	0.500		89.3	80-120	7.17	20	
<b>Matrix Spike (CQ04909-MS1)</b> Source: CQF0399-01 Prepared & Analyzed: 06/13/07										
Methylene Blue Active Substances	0.477	0.10	mg/L	0.500	ND	95.3	75-125			
<b>Matrix Spike Dup (CQ04909-MSD1)</b> Source: CQF0399-01 Prepared & Analyzed: 06/13/07										
Methylene Blue Active Substances	0.462	0.10	mg/L	0.500	ND	92.4	75-125	3.11	25	
<b>Batch CQ04924 - General Preparation</b>										
<b>Blank (CQ04924-BLK1)</b> Prepared & Analyzed: 06/13/07										
Hexavalent Chromium	ND	10	µg/L							
<b>LCS (CQ04924-BS1)</b> Prepared & Analyzed: 06/13/07										
Hexavalent Chromium	258	10	µg/L	250		103	85-115			

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

06/27/07 15:43

CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114	Project: Walker Mine Project Number: PCA I3180 Project Manager: Steve Rosenbaum	CLS Work Order #: CQF0399 COC #: 84179-84180
--	---	---

## Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch CQ04924 - General Preparation</b>										
<b>LCS Dup (CQ04924-BSD1)</b>				Prepared & Analyzed: 06/13/07						
Hexavalent Chromium	265	10	µg/L	250		106	85-115	2.60	20	
<b>Matrix Spike (CQ04924-MS1)</b>				Source: CQF0399-01 Prepared & Analyzed: 06/13/07						
Hexavalent Chromium	263	10	µg/L	250	ND	105	85-115			
<b>Matrix Spike Dup (CQ04924-MSD1)</b>				Source: CQF0399-01 Prepared & Analyzed: 06/13/07						
Hexavalent Chromium	273	10	µg/L	250	ND	109	85-115	3.80	20	
<b>Batch CQ04946 - General Preparation</b>										
<b>Blank (CQ04946-BLK1)</b>				Prepared & Analyzed: 06/14/07						
Total Alkalinity	ND	5.0	mg/L							
Bicarbonate as CaCO3	ND	5.0	"							
Carbonate as CaCO3	ND	5.0	"							
Hydroxide as CaCO3	ND	5.0	"							
<b>Batch CQ04948 - General Preparation</b>										
<b>Blank (CQ04948-BLK1)</b>				Prepared & Analyzed: 06/14/07						
Hexavalent Chromium, Dissolved	ND	10	µg/L							
<b>LCS (CQ04948-BS1)</b>				Prepared & Analyzed: 06/14/07						
Hexavalent Chromium, Dissolved	264	10	µg/L	250		106	80-120			
<b>LCS Dup (CQ04948-BSD1)</b>				Prepared & Analyzed: 06/14/07						
Hexavalent Chromium, Dissolved	251	10	µg/L	250		100	80-120	5.25	20	

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

06/27/07 15:43

CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114	Project: Walker Mine Project Number: PCA 13180 Project Manager: Steve Rosenbaum	CLS Work Order #: CQF0399 COC #: 84179-84180
--	---	---

## Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch CQ04948 - General Preparation</b>										
<b>Matrix Spike (CQ04948-MS1)</b>		<b>Source: CQF0399-01</b>		<b>Prepared &amp; Analyzed: 06/14/07</b>						
Hexavalent Chromium, Dissolved	251	10	µg/L	250	ND	100	80-120			
<b>Matrix Spike Dup (CQ04948-MSD1)</b>		<b>Source: CQF0399-01</b>		<b>Prepared &amp; Analyzed: 06/14/07</b>						
Hexavalent Chromium, Dissolved	260	10	µg/L	250	ND	104	80-120	3.53	20	
<b>Batch CQ04954 - General Preparation</b>										
<b>Blank (CQ04954-BLK1)</b>		<b>Prepared &amp; Analyzed: 06/14/07</b>								
Specific Conductance (EC)	ND		1.0 µmhos/cm							
<b>Batch CQ05242 - General Prep</b>										
<b>Blank (CQ05242-BLK1)</b>		<b>Prepared: 06/23/07 Analyzed: 06/24/07</b>								
Sulfate as SO4	ND	0.50	mg/L							
Chloride	ND	0.50	"							
<b>LCS (CQ05242-BS1)</b>		<b>Prepared: 06/23/07 Analyzed: 06/24/07</b>								
Sulfate as SO4	4.74	0.50	mg/L	5.00		94.7	80-120			
Chloride	1.90	0.50	"	2.00		95.0	80-120			
<b>LCS Dup (CQ05242-BSD1)</b>		<b>Prepared: 06/23/07 Analyzed: 06/24/07</b>								
Chloride	1.91	0.50	mg/L	2.00		95.6	80-120	0.577	20	
Sulfate as SO4	4.76	0.50	"	5.00		95.2	80-120	0.463	20	
<b>Matrix Spike (CQ05242-MS1)</b>		<b>Source: CQF0399-01</b>		<b>Prepared: 06/23/07 Analyzed: 06/24/07</b>						
Chloride	2.07	0.50	mg/L	2.00	0.469	80.1	75-125			
Sulfate as SO4	4.86	0.50	"	5.00	ND	97.3	75-125			

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

06/27/07 15:43

CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114	Project: Walker Mine Project Number: PCA 13180 Project Manager: Steve Rosenbaum	CLS Work Order #: CQF0399 COC #: 84179-84180
--	---	---

## Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

### Batch CQ05242 - General Prep

Matrix Spike Dup (CQ05242-MSD1)	Source: CQF0399-01		Prepared: 06/23/07		Analyzed: 06/24/07					
Chloride	2.06	0.50	mg/L	2.00	0.469	79.7	75-125	0.339	25	
Sulfate as SO4	4.86	0.50	"	5.00	ND	97.3	75-125	0.00	25	

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

06/27/07 15:43

CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114	Project: Walker Mine Project Number: PCA 13180 Project Manager: Steve Rosenbaum	CLS Work Order #: CQF0399 COC #: 84179-84180
--	---	---

## Metals by EPA 200 Series Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch CQ04916 - EPA 3020A</b>										
<b>Blank (CQ04916-BLK1)</b> Prepared: 06/13/07 Analyzed: 06/14/07										
Aluminum	ND	20	µg/L							
Arsenic	ND	2.0	"							
Copper	ND	1.0	"							
Iron	ND	50	"							
Zinc	ND	2.0	"							
Cadmium	ND	0.50	"							
<b>LCS (CQ04916-BS1)</b> Prepared: 06/13/07 Analyzed: 06/14/07										
Aluminum	102	20	µg/L	100		102	80-120			
Arsenic	111	2.0	"	100		111	80-120			
Copper	112	1.0	"	100		112	80-120			
Iron	102	50	"	100		102	80-120			
Zinc	105	2.0	"	100		105	80-120			
Cadmium	10.2	0.50	"	10.0		102	80-120			
<b>LCS Dup (CQ04916-BSD1)</b> Prepared: 06/13/07 Analyzed: 06/14/07										
Aluminum	99.0	20	µg/L	100		99.0	80-120	3.04	20	
Arsenic	111	2.0	"	100		111	80-120	0.207	20	
Copper	111	1.0	"	100		111	80-120	0.822	20	
Iron	94.8	50	"	100		94.8	80-120	7.60	20	
Zinc	105	2.0	"	100		105	80-120	0.199	20	
Cadmium	10.0	0.50	"	10.0		100	80-120	1.88	20	
<b>Matrix Spike (CQ04916-MS1)</b> Source: CQF0399-01 Prepared: 06/13/07 Analyzed: 06/14/07										
Aluminum	116	20	µg/L	100	21.7	94.4	75-125			
Arsenic	110	2.0	"	100	ND	110	75-125			
Copper	101	1.0	"	100	0.410	101	75-125			
Iron	434	50	"	100	351	83.3	75-125			
Zinc	96.8	2.0	"	100	1.22	95.5	75-125			
Cadmium	9.98	0.50	"	10.0	ND	99.8	75-125			

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

06/27/07 15:43

CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114	Project: Walker Mine Project Number: PCA 13180 Project Manager: Steve Rosenbaum	CLS Work Order #: CQF0399 COC #: 84179-84180
--	---	---

## Metals by EPA 200 Series Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch CQ04916 - EPA 3020A</b>										
<b>Matrix Spike Dup (CQ04916-MSD1)</b>										
		<b>Source: CQF0399-01</b>		<b>Prepared: 06/13/07</b>		<b>Analyzed: 06/14/07</b>				
Aluminum	117	20	µg/L	100	21.7	95.1	75-125	0.567	25	
Arsenic	109	2.0	"	100	ND	109	75-125	0.584	25	
Copper	99.5	1.0	"	100	0.410	99.1	75-125	1.77	25	
Iron	436	50	"	100	351	85.4	75-125	0.483	25	
Zinc	95.6	2.0	"	100	1.22	94.4	75-125	1.16	25	
Cadmium	9.84	0.50	"	10.0	ND	98.4	75-125	1.41	25	

CA DOHS ELAP Accreditation/Registration Number 1233



# CALIFORNIA LABORATORY SERVICES

06/27/07 15:43

CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114	Project: Walker Mine Project Number: PCA 13180 Project Manager: Steve Rosenbaum	CLS Work Order #: CQF0399 COC #: 84179-84180
--	---	---

## Metals (Dissolved) by EPA 200 Series Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch CQ04940 - EPA 3020A</b>										
<b>Blank (CQ04940-BLK1)</b>										
Prepared & Analyzed: 06/14/07										
Aluminum	ND	20	µg/L							
Arsenic	ND	5.0	"							
Copper	ND	2.0	"							
Iron	ND	50	"							
Zinc	ND	2.0	"							
Cadmium	ND	0.50	"							
<b>LCS (CQ04940-BS1)</b>										
Prepared & Analyzed: 06/14/07										
Aluminum	104	20	µg/L	100		104	80-120			
Arsenic	107	5.0	"	100		107	80-120			
Copper	107	2.0	"	100		107	80-120			
Iron	112	50	"	100		112	80-120			
Zinc	101	2.0	"	100		101	80-120			
Cadmium	9.90	0.50	"	10.0		99.0	80-120			
<b>LCS Dup (CQ04940-BS1)</b>										
Prepared & Analyzed: 06/14/07										
Aluminum	100	20	µg/L	100		100	80-120	3.79	20	
Arsenic	103	5.0	"	100		103	80-120	3.90	20	
Copper	104	2.0	"	100		104	80-120	2.63	20	
Iron	110	50	"	100		110	80-120	1.94	20	
Zinc	99.2	2.0	"	100		99.2	80-120	1.84	20	
Cadmium	9.57	0.50	"	10.0		95.7	80-120	3.39	20	
<b>Matrix Spike (CQ04940-MS1)</b>										
Source: CQF0427-06 Prepared & Analyzed: 06/14/07										
Aluminum	121	20	µg/L	100	20.4	101	75-125			
Arsenic	107	5.0	"	100	ND	107	75-125			
Copper	105	2.0	"	100	7.48	97.9	75-125			
Iron	151	50	"	100	39.7	111	75-125			
Zinc	111	2.0	"	100	15.7	95.4	75-125			
Cadmium	9.79	0.50	"	10.0	ND	97.9	75-125			

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

06/27/07 15:43

CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114	Project: Walker Mine Project Number: PCA 13180 Project Manager: Steve Rosenbaum	CLS Work Order #: CQF0399 COC #: 84179-84180
--	---	---

## Metals (Dissolved) by EPA 200 Series Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

### Batch CQ04940 - EPA 3020A

Matrix Spike Dup (CQ04940-MSD1)	Source: CQF0427-06			Prepared & Analyzed: 06/14/07						
Aluminum	121	20	µg/L	100	20.4	101	75-125	0.380	25	
Arsenic	105	5.0	"	100	ND	105	75-125	1.13	25	
Copper	103	2.0	"	100	7.48	95.3	75-125	2.52	25	
Iron	145	50	"	100	39.7	105	75-125	3.84	25	
Zinc	109	2.0	"	100	15.7	93.0	75-125	2.16	25	
Cadmium	9.82	0.50	"	10.0	ND	98.2	75-125	0.306	25	

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

06/27/07 15:43

CRWQCB - Sacramento  
11020 Sun Center Drive, Ste. 200  
Rancho Cordova CA, 95670-6114

Project: Walker Mine  
Project Number: PCA 13180  
Project Manager: Steve Rosenbaum

CLS Work Order #: CQF0399  
COC #: 84179-84180

## Notes and Definitions

HT-1 The sample was received outside of the EPA recommended holding time.

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

## **Exhibit 63**

# CENTRAL VALLEY REGIONAL WATER QUALITY CONTROL BOARD

## INSPECTION REPORT

23 October 2007

**DISCHARGER:** Walker Mine

**LOCATION & COUNTY:** Walker Mine, Plumas County

**CONTACT(S):** None

**INSPECTION DATE:** 10 October 2007

**INSPECTED BY:** Wendy Wyels, Steve Rosenbaum, and Jeff Huggins

**ACCOMPANIED BY:** NA

### OBSERVATIONS AND COMMENTS:

On 31 October 2000, Board staff performed the annual fall inspection of the Walker Mine in Plumas County as specified in the Walker Mine Operations and Maintenance Procedures (June 1997). The weather was cloudy and cool (about 35°F). A light snow had fallen the night before the inspection in the higher elevations and a slight rain fell during part of the inspection. A photo log of the inspection is attached.

### WALKER MINE TAILINGS SITE

Board staff arrived on site at 10:00am and went first to the Walker Mine tailings site to meet with the representatives of the United States Department of Agriculture Forest Service (USFS), and inspect the progress of the Dolly Creek diversion work being carried out as required by Order No R5-00-028. The tailings site represents a significant source of water pollution into both Dolly Creek and Little Grizzly Creek. Diversion of Dolly Creek off of the tailings is expected to reduce heavy metals contamination in Little Grizzly Creek.

Construction of the diversion channel infrastructure was nearly complete as shown in Photos #2-11. However, the USFS project engineer (George Butler, Plumas National Forest) indicated that a significant amount of subsurface drainage from hillsides surrounding the tailings site is making its way into the tailing site, surfacing in the old Dolly Creek channel, and discharging at the USFS dam location as shown in photos #12-13. This was not entirely anticipated by the USFS and will need to be further assessed in order to reduce metals discharged into Little Grizzly Creek.

### PORTAL AREA

Board staff next went to the Walker Mine Portal area. The portal door at the mine entrance was securely locked. However, there was some evidence of minor vandalism to the portal door, making it hard to open.

Board staff entered the mine access tunnel and downloaded pressure data from the Telog data recorder during the inspection. At the time of the inspection, a current measurement of 7.08 mAmps (133 feet of pressure head) was recorded. The maximum pressure head has continued to fall since the last inspection (11-12 June 2007). At that time a pressure head of

Approved:

154 feet was recorded above the mine seal due to water and snowmelt recharging the mine workings.

The old batteries that power the Druck pressure sensor recorder were removed and replaced with recharged batteries during this inspection. All four of the heavy-duty locks on the portal doors were securely locked upon leaving the mine portal.

#### **WATER QUALITY MONITORING**

Surface water samples were taken from 11 of the 25 sampling locations, located in the upper Walker Mine watershed area. Most of the sample locations had sufficient surface water to sample, however water flow in general was low. Laboratory results are pending.

#### **SUBSIDENCE AREAS**

Staff inspected the diversion channel structures in the area of the Piute orebody workings. There was no water flowing in the diversion channels at the time of the inspection and it appeared that water flow has been minimal for some time.

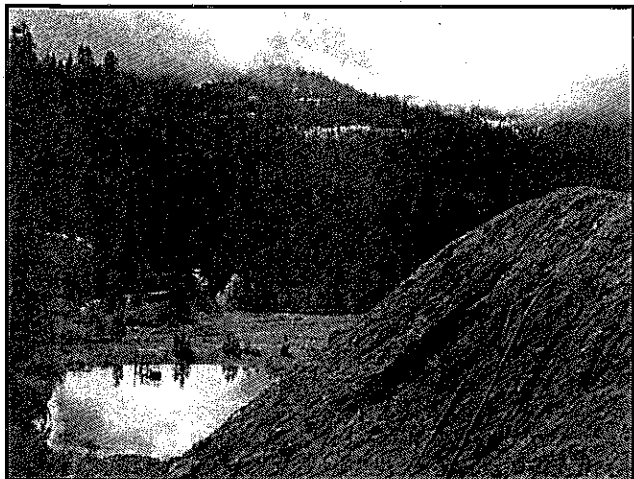
#### **SUMMARY:**

A semi annual inspection was made of the Walker Mine site. The Dolly Creek diversion work at the Walker Mine tailings site being performed by the USFS was nearly completed. If significant subsurface water infiltration of the tailings continues, further work may need to be performed to address this problem. Some surface water monitoring of the upper Walker Mine watershed was performed and water pressure measurements on the mine seal were obtained. New batteries were installed for the data logger. Staff will revisit the site in the spring to replace the batteries, inspect the seal, collect water samples from all monitoring points, and further assess runoff into the subsidence areas.

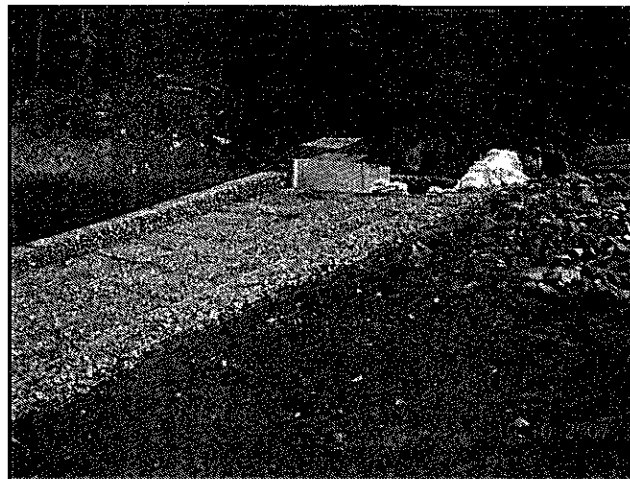
---

JEFF HUGGINS

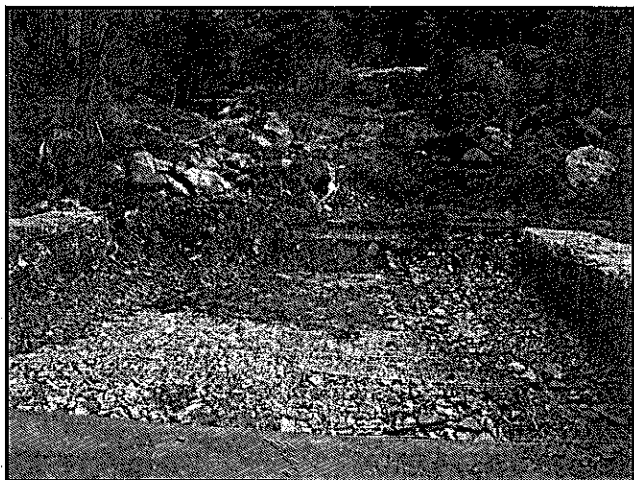
Water Resources Control Engineer



#1. Walker Mine, Plumas County October 2007.



#4. Drop structure above the tailings impoundment.



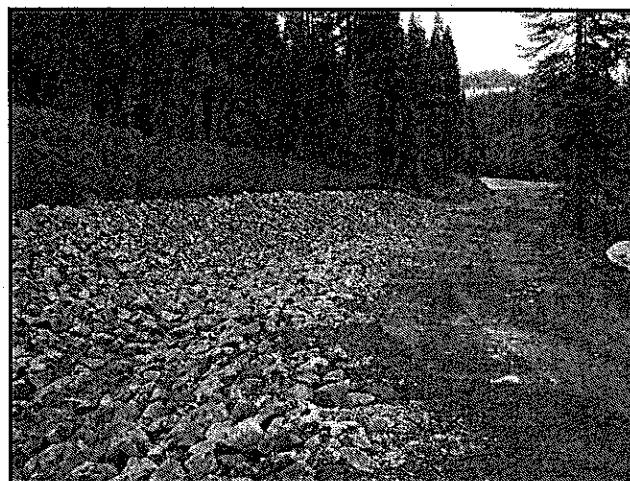
#2. USFS Dolly Creek diversion work. Inlet structure located above the tailings impoundment.



#5. Stilling basin located at the base of the drop structure.



#3. Dolly Creek temporary diversion.



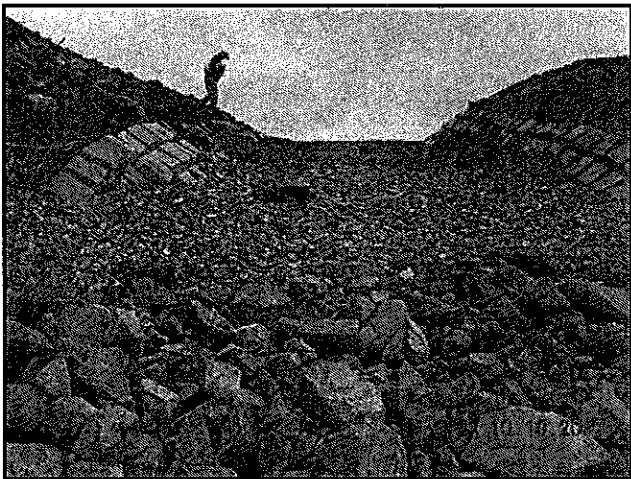
6. Dolly Creek upper diversion channel looking downgradient towards the tailings impoundment.



#7. Dolly Creek lower diversion channel looking upgradient towards Walker Mine.



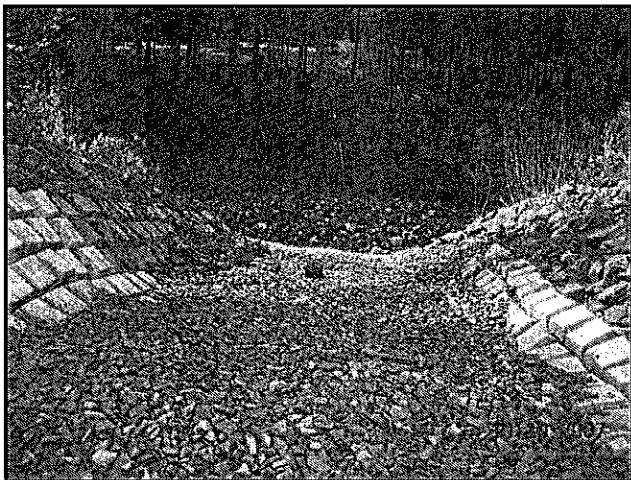
#10. Little Grizzly Creek looking upstream from the confluence with Dolly Creek.



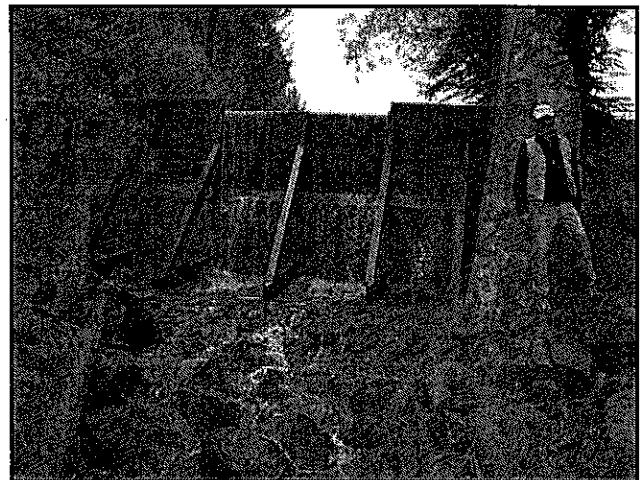
#8. New tailings impoundment outfall structure from Dolly Creek to Little Grizzly Creek looking upgradient.



#11. Little Grizzly Creek looking downstream from the confluence with Dolly Creek.



#9. New tailings impoundment outfall structure from Dolly Creek to Little Grizzly Creek.

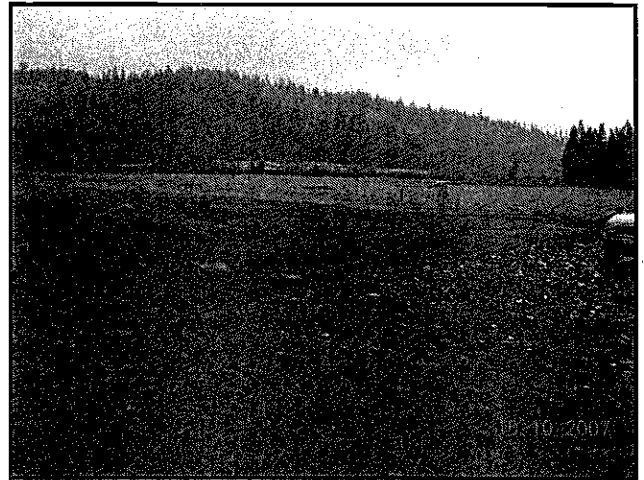


#12. Existing USFS tailings impoundment dam on Dolly Creek.





#13. Looking upgradient at Dolly Creek near the USFS dam.



#14. Walker Mine tailings impoundment near the USFS dam.

## **Exhibit 64**

# CALIFORNIA LABORATORY SERVICES

3249 Fitzgerald Road Rancho Cordova, CA 95742

October 23, 2007

CLS Work Order #: CQJ0438  
COC #: 74121


Steve Rosenbaum  
CRWQCB - Sacramento  
11020 Sun Center Drive, Ste. 200  
Rancho Cordova, CA 95670-6114

**Project Name: Walker Mine**

Enclosed are the results of analyses for samples received by the laboratory on 10/11/07 08:00. Samples were analyzed pursuant to client request utilizing EPA or other ELAP approved methodologies. I certify that the results are in compliance both technically and for completeness.

Analytical results are attached to this letter. Please call if we can provide additional assistance.

Sincerely,



James Liang, Ph.D.  
Laboratory Director

CA DOHS ELAP Accreditation/Registration number 1233

**CLS - Labs**

CHAIN OF CUSTODY

CLS ID No.: Cap 0428

LOG NO. 74121

<b>REPORT TO:</b> NAME AND ADDRESS Leticia Valadez Central Valley Regional Water Board Rancho Cordova PROJECT MANAGER Steve Rosenbaum 464.4631 PROJECT NAME Walker Mine SAMPLED BY Jeff Huggins/Steve Rosenbaum JOB DESCRIPTION		<b>CLIENT JOB NUMBER:</b> DESTINATION LABORATORY <input type="checkbox"/> CLS (916) 638-7301 3249 FITZGERALD RD. RANCHO CORDOVA, CA. 95742 <input type="checkbox"/> OTHER		<b>ANALYSIS REQUESTED</b> Bid Group 7		<b>GEOTRACKER:</b> EDF REPORT <input type="checkbox"/> YES <input type="checkbox"/> NO GLOBAL ID:	
<b>COMPOSITE:</b> Bid Group 7 is Table Metals + Dissolved Metals + General Minerals <b>FIELD CONDITIONS:</b>		<b>PRESERVATIVES</b>		(1) HCL (2) HNO <sub>3</sub>		(3) = COLD (4) = NaOH (5) = H <sub>2</sub> SO <sub>4</sub> (6) = Na <sub>2</sub> S <sub>2</sub> O <sub>8</sub> (7) =	
PRESERVATIVES:		DATE / TIME		RECEIVED BY (SIGN)		PRINT NAME / COMPANY	
SUSPECTED CONSTITUENTS		PRINT NAME / COMPANY		DATE / TIME		RECEIVED BY (SIGN)	
RELINQUISHED BY (SIGN)		PRINT NAME / COMPANY		DATE / TIME		RECEIVED BY (SIGN)	
RECORD AT LAB BY:		DATE / TIME		CONDITIONS / COMMENTS:		AIR BILL #	
SHIPPED BY:		DATE / TIME		CONDITIONS / COMMENTS:		AIR BILL #	

DATE	TIME	SITE LOCATION	SAMPLE IDENTIFICATION	CONTAINER		PRESERVATIVES	DATE / TIME	RECEIVED BY (SIGN)	PRINT NAME / COMPANY
				MATRIX	TYPE				
10-10-07	1035	Plumas County	WM 5 - LGC U/S	W	3 P	3/2			
	1145		WM 70 - LGC U/S						
	1200		WM 6 USFS DAM						
	1210		WM 8 LGC D/S DC						
	1240		WM 3 DC D/S						
	1325		WM 1 PORTAL						
	1330		WM 2 DC U/S						
	1500		WM 9 LGC AT BC						
	1530		WM 12 NB WARD CK						
	1535		WM 13 NYE CK						
	1545		WM 17 NB WARD CK						

INVOICE TO: Leticia Valadez

RO. #

QUOTE #

LAB

# CALIFORNIA LABORATORY SERVICES

10/23/07 13:11

CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114	Project: Walker Mine Project Number: PCA 13180 Project Manager: Steve Rosenbaum	CLS Work Order #: CQJ0438 COC #: 74121
--	---	---

## Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WM 5 LGC U/S (CQJ0438-01) Water</b> Sampled: 10/10/07 10:35 Received: 10/11/07 08:00									
Total Alkalinity	75	5.0	mg/L	1	CQ08496	10/12/07	10/12/07	SM2310B	
Bicarbonate as CaCO3	75	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	0.85	0.50	"	"	CQ08454	10/11/07	10/11/07	EPA 300.0	
Specific Conductance (EC)	140	1.0	µmhos/cm	"	CQ08461	10/11/07	10/11/07	EPA 120.1	
Hexavalent Chromium	ND	10	µg/L	"	CQ08449	10/11/07	10/11/07	EPA 7196A	
Hexavalent Chromium, Dissolved	ND	10	"	"	CQ08450	10/11/07	10/11/07	"	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CQ08487	10/12/07	10/12/07	SM5540 C	
Calcium	16	1.0	"	"	CQ08576	10/16/07	10/16/07	200.7/2340B	
Magnesium	6.6	1.0	"	"	"	"	"	"	
Potassium	2.1	1.0	"	"	"	"	"	"	
Sodium	4.3	1.0	"	"	"	"	"	"	
pH	7.26	0.01	pH Units	"	CQ08451	10/11/07	10/11/07	SM4500-H B	HT-F
Sulfate as SO4	0.56	0.50	mg/L	"	CQ08454	10/11/07	10/11/07	EPA 300.0	
Total Dissolved Solids	71	10	"	"	CQ08511	10/14/07	10/15/07	SM2540C	
<b>WM 70 U/S (CQJ0438-02) Water</b> Sampled: 10/10/07 11:45 Received: 10/11/07 08:00									
Total Alkalinity	75	5.0	mg/L	1	CQ08496	10/12/07	10/12/07	SM2310B	
Bicarbonate as CaCO3	75	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	0.80	0.50	"	"	CQ08454	10/11/07	10/11/07	EPA 300.0	
Specific Conductance (EC)	150	1.0	µmhos/cm	"	CQ08461	10/11/07	10/11/07	EPA 120.1	
Hexavalent Chromium	ND	10	µg/L	"	CQ08449	10/11/07	10/11/07	EPA 7196A	
Hexavalent Chromium, Dissolved	ND	10	"	"	CQ08450	10/11/07	10/11/07	"	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CQ08487	10/12/07	10/12/07	SM5540 C	
Calcium	19	1.0	"	"	CQ08576	10/16/07	10/16/07	200.7/2340B	
Magnesium	5.5	1.0	"	"	"	"	"	"	
Potassium	2.1	1.0	"	"	"	"	"	"	
Sodium	5.2	1.0	"	"	"	"	"	"	
pH	7.19	0.01	pH Units	"	CQ08451	10/11/07	10/11/07	SM4500-H B	HT-F
Sulfate as SO4	11	0.50	mg/L	"	CQ08454	10/11/07	10/11/07	EPA 300.0	
Total Dissolved Solids	86	10	"	"	CQ08511	10/14/07	10/15/07	SM2540C	
<b>WM 6 USFS DAM (CQJ0438-03) Water</b> Sampled: 10/10/07 12:00 Received: 10/11/07 08:00									
Total Alkalinity	73	5.0	mg/L	1	CQ08496	10/12/07	10/12/07	SM2310B	
Bicarbonate as CaCO3	73	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

10/23/07 13:11

CRWQCB - Sacramento  
11020 Sun Center Drive, Ste. 200  
Rancho Cordova CA, 95670-6114

Project: Walker Mine  
Project Number: PCA 13180  
Project Manager: Steve Rosenbaum

CLS Work Order #: CQJ0438  
COC #: 74121

## Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WM 6 USFS DAM (CQJ0438-03) Water</b> Sampled: 10/10/07 12:00 Received: 10/11/07 08:00									
Chloride	0.97	0.50	mg/L	1	CQ08454	10/11/07	10/11/07	EPA 300.0	
Specific Conductance (EC)	150	1.0	µmhos/cm	"	CQ08461	10/11/07	10/11/07	EPA 120.1	
Hexavalent Chromium	ND	10	µg/L	"	CQ08449	10/11/07	10/11/07	EPA 7196A	
Hexavalent Chromium, Dissolved	ND	10	"	"	CQ08450	10/11/07	10/11/07	"	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CQ08487	10/12/07	10/12/07	SM5540 C	
Calcium	17	1.0	"	"	CQ08576	10/16/07	10/16/07	200.7/2340B	
Magnesium	6.7	1.0	"	"	"	"	"	"	
Potassium	2.3	1.0	"	"	"	"	"	"	
Sodium	4.1	1.0	"	"	"	"	"	"	
pH	7.66	0.01	pH Units	"	CQ08451	10/11/07	10/11/07	SM4500-HB	HT-F
Sulfate as SO4	7.1	0.50	mg/L	"	CQ08454	10/11/07	10/11/07	EPA 300.0	
Total Dissolved Solids	90	10	"	"	CQ08511	10/14/07	10/15/07	SM2540C	
<b>WM 8 LGC D/S DC (CQJ0438-04) Water</b> Sampled: 10/10/07 12:10 Received: 10/11/07 08:00									
Total Alkalinity	70	5.0	mg/L	1	CQ08496	10/12/07	10/12/07	SM2310B	
Bicarbonate as CaCO3	70	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	0.84	0.50	"	"	CQ08454	10/11/07	10/11/07	EPA 300.0	
Specific Conductance (EC)	160	1.0	µmhos/cm	"	CQ08461	10/11/07	10/11/07	EPA 120.1	
Hexavalent Chromium	ND	10	µg/L	"	CQ08449	10/11/07	10/11/07	EPA 7196A	
Hexavalent Chromium, Dissolved	ND	10	"	"	CQ08450	10/11/07	10/11/07	"	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CQ08487	10/12/07	10/12/07	SM5540 C	
Calcium	21	1.0	"	"	CQ08576	10/16/07	10/16/07	200.7/2340B	
Magnesium	6.0	1.0	"	"	"	"	"	"	
Potassium	2.3	1.0	"	"	"	"	"	"	
Sodium	4.8	1.0	"	"	"	"	"	"	
pH	7.71	0.01	pH Units	"	CQ08451	10/11/07	10/11/07	SM4500-HB	HT-F
Sulfate as SO4	13	0.50	mg/L	"	CQ08454	10/11/07	10/11/07	EPA 300.0	
Total Dissolved Solids	100	10	"	"	CQ08511	10/14/07	10/15/07	SM2540C	
<b>WM 3 DC D/S (CQJ0438-05) Water</b> Sampled: 10/10/07 12:40 Received: 10/11/07 08:00									
Total Alkalinity	70	5.0	mg/L	1	CQ08496	10/12/07	10/12/07	SM2310B	
Bicarbonate as CaCO3	70	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	1.4	0.50	"	"	CQ08454	10/11/07	10/11/07	EPA 300.0	
Specific Conductance (EC)	150	1.0	µmhos/cm	"	CQ08461	10/11/07	10/11/07	EPA 120.1	
Hexavalent Chromium	ND	10	µg/L	"	CQ08449	10/11/07	10/11/07	EPA 7196A	
Hexavalent Chromium, Dissolved	ND	10	"	"	CQ08450	10/11/07	10/11/07	"	

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

10/23/07 13:11

CRWQCB - Sacramento  
11020 Sun Center Drive, Ste. 200  
Rancho Cordova CA, 95670-6114

Project: Walker Mine  
Project Number: PCA 13180  
Project Manager: Steve Rosenbaum

CLS Work Order #: CQJ0438  
COC #: 74121

## Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WM 3 DC D/S (CQJ0438-05) Water</b> Sampled: 10/10/07 12:40 Received: 10/11/07 08:00									
Methylene Blue Active Substances	ND	0.10	mg/L	1	CQ08487	10/12/07	10/12/07	SM5540 C	
Calcium	17	1.0	"	"	CQ08576	10/16/07	10/16/07	200.7/2340B	
Magnesium	7.8	1.0	"	"	"	"	"	"	
Potassium	1.8	1.0	"	"	"	"	"	"	
Sodium	3.4	1.0	"	"	"	"	"	"	
pH	7.57	0.01	pH Units	"	CQ08451	10/11/07	10/11/07	SM4500-H B	HT-F
Sulfate as SO4	3.7	0.50	mg/L	"	CQ08454	10/11/07	10/11/07	EPA 300.0	
Total Dissolved Solids	91	10	"	"	CQ08511	10/14/07	10/15/07	SM2540C	
<b>WM 1 Portal (CQJ0438-06) Water</b> Sampled: 10/10/07 13:25 Received: 10/11/07 08:00									
Total Alkalinity	62	5.0	mg/L	1	CQ08496	10/12/07	10/12/07	SM2310B	
Bicarbonate as CaCO3	62	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	0.66	0.50	"	"	CQ08454	10/11/07	10/11/07	EPA 300.0	
Specific Conductance (EC)	120	1.0	µmhos/cm	"	CQ08461	10/11/07	10/11/07	EPA 120.1	
Hexavalent Chromium	ND	10	µg/L	"	CQ08449	10/11/07	10/11/07	EPA 7196A	
Hexavalent Chromium, Dissolved	ND	10	"	"	CQ08450	10/11/07	10/11/07	"	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CQ08487	10/12/07	10/12/07	SM5540 C	
Calcium	13	1.0	"	"	CQ08576	10/16/07	10/16/07	200.7/2340B	
Magnesium	4.8	1.0	"	"	"	"	"	"	
Potassium	ND	1.0	"	"	"	"	"	"	
Sodium	5.1	1.0	"	"	"	"	"	"	
pH	7.52	0.01	pH Units	"	CQ08451	10/11/07	10/11/07	SM4500-H B	HT-F
Sulfate as SO4	1.2	0.50	mg/L	"	CQ08454	10/11/07	10/11/07	EPA 300.0	
Total Dissolved Solids	44	10	"	"	CQ08511	10/14/07	10/15/07	SM2540C	
<b>WM 2 DC U/S (CQJ0438-07) Water</b> Sampled: 10/10/07 13:30 Received: 10/11/07 08:00									
Total Alkalinity	74	5.0	mg/L	1	CQ08496	10/12/07	10/12/07	SM2310B	
Bicarbonate as CaCO3	74	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	1.0	0.50	"	"	CQ08454	10/11/07	10/11/07	EPA 300.0	
Specific Conductance (EC)	140	1.0	µmhos/cm	"	CQ08461	10/11/07	10/11/07	EPA 120.1	
Hexavalent Chromium	ND	10	µg/L	"	CQ08449	10/11/07	10/11/07	EPA 7196A	
Hexavalent Chromium, Dissolved	ND	10	"	"	CQ08450	10/11/07	10/11/07	"	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CQ08487	10/12/07	10/12/07	SM5540 C	
Calcium	16	1.0	"	"	CQ08576	10/16/07	10/16/07	200.7/2340B	
Magnesium	8.1	1.0	"	"	"	"	"	"	
Potassium	1.2	1.0	"	"	"	"	"	"	

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

10/23/07 13:11

CRWQCB - Sacramento  
11020 Sun Center Drive, Ste. 200  
Rancho Cordova CA, 95670-6114

Project: Walker Mine  
Project Number: PCA 13180  
Project Manager: Steve Rosenbaum

CLS Work Order #: CQJ0438  
COC #: 74121

## Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WM 2 DC U/S (CQJ0438-07) Water</b> Sampled: 10/10/07 13:30 Received: 10/11/07 08:00									
Sodium	3.1	1.0	mg/L	1	CQ08576	10/16/07	10/16/07	200.7/2340B	
pH	7.72	0.01	pH Units	"	CQ08451	10/11/07	10/11/07	SM4500-H B	HT-F
Sulfate as SO4	ND	0.50	mg/L	"	CQ08454	10/11/07	10/11/07	EPA 300.0	
Total Dissolved Solids	84	10	"	"	CQ08511	10/14/07	10/15/07	SM2540C	
<b>WM 9 LGC At BC (CQJ0438-08) Water</b> Sampled: 10/10/07 15:00 Received: 10/11/07 08:00									
Total Alkalinity	75	5.0	mg/L	1	CQ08496	10/12/07	10/12/07	SM2310B	
Bicarbonate as CaCO3	75	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	0.83	0.50	"	"	CQ08454	10/11/07	10/12/07	EPA 300.0	
Specific Conductance (EC)	170	1.0	µmhos/cm	"	CQ08461	10/11/07	10/11/07	EPA 120.1	
Hexavalent Chromium	ND	10	µg/L	"	CQ08449	10/11/07	10/11/07	EPA 7196A	
Hexavalent Chromium, Dissolved	ND	10	"	"	CQ08450	10/11/07	10/11/07	"	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CQ08487	10/12/07	10/12/07	SM5540 C	
Calcium	21	1.0	"	"	CQ08576	10/16/07	10/16/07	200.7/2340B	
Magnesium	5.8	1.0	"	"	"	"	"	"	
Potassium	2.2	1.0	"	"	"	"	"	"	
Sodium	5.1	1.0	"	"	"	"	"	"	
pH	7.82	0.01	pH Units	"	CQ08451	10/11/07	10/11/07	SM4500-H B	HT-F
Sulfate as SO4	14	0.50	mg/L	"	CQ08454	10/11/07	10/12/07	EPA 300.0	
Total Dissolved Solids	97	10	"	"	CQ08511	10/14/07	10/15/07	SM2540C	
<b>WM 12 MB Ward CK (CQJ0438-09) Water</b> Sampled: 10/10/07 15:30 Received: 10/11/07 08:00									
Total Alkalinity	12	5.0	mg/L	1	CQ08496	10/12/07	10/12/07	SM2310B	
Bicarbonate as CaCO3	12	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	0.55	0.50	"	"	CQ08454	10/11/07	10/12/07	EPA 300.0	
Specific Conductance (EC)	24	1.0	µmhos/cm	"	CQ08461	10/11/07	10/11/07	EPA 120.1	
Hexavalent Chromium	ND	10	µg/L	"	CQ08449	10/11/07	10/11/07	EPA 7196A	
Hexavalent Chromium, Dissolved	ND	10	"	"	CQ08450	10/11/07	10/11/07	"	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CQ08487	10/12/07	10/12/07	SM5540 C	
Calcium	2.1	1.0	"	"	CQ08576	10/16/07	10/16/07	200.7/2340B	
Magnesium	ND	1.0	"	"	"	"	"	"	
Potassium	ND	1.0	"	"	"	"	"	"	
Sodium	1.1	1.0	"	"	"	"	"	"	
pH	6.18	0.01	pH Units	"	CQ08451	10/11/07	10/11/07	SM4500-H B	HT-F
Sulfate as SO4	0.58	0.50	mg/L	"	CQ08454	10/11/07	10/12/07	EPA 300.0	
Total Dissolved Solids	ND	10	"	"	CQ08511	10/14/07	10/15/07	SM2540C	

CA DOHS ELAP Accreditation/Registration Number 1233

3249 Fitzgerald Road Rancho Cordova, CA 95742

www.californialab.com

916-638-7301

Fax: 916-638-4510



# CALIFORNIA LABORATORY SERVICES

10/23/07 13:11

CRWQCB - Sacramento  
11020 Sun Center Drive, Ste. 200  
Rancho Cordova, CA, 95670-6114

Project: Walker Mine  
Project Number: PCA 13180  
Project Manager: Steve Rosenbaum

CLS Work Order #: CQJ0438  
COC #: 74121

## Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WM 13 NYE CK (CQJ0438-10) Water</b> Sampled: 10/10/07 15:35 Received: 10/11/07 08:00									
Total Alkalinity	74	5.0	mg/L	1	CQ08496	10/12/07	10/12/07	SM2310B	
Bicarbonate as CaCO <sub>3</sub>	74	5.0	"	"	"	"	"	"	
Carbonate as CaCO <sub>3</sub>	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO <sub>3</sub>	ND	5.0	"	"	"	"	"	"	
Chloride	0.59	0.50	"	"	CQ08454	10/11/07	10/12/07	EPA 300.0	
Specific Conductance (EC)	140	1.0	µmhos/cm	"	CQ08461	10/11/07	10/11/07	EPA 120.1	
Hexavalent Chromium	ND	10	µg/L	"	CQ08449	10/11/07	10/11/07	EPA 7196A	
Hexavalent Chromium, Dissolved	ND	10	"	"	CQ08450	10/11/07	10/11/07	"	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CQ08487	10/12/07	10/12/07	SM5540 C	
Calcium	17	1.0	"	"	CQ08576	10/16/07	10/16/07	200.7/2340B	
Magnesium	7.0	1.0	"	"	"	"	"	"	
Potassium	ND	1.0	"	"	"	"	"	"	
Sodium	3.1	1.0	"	"	"	"	"	"	
pH	6.75	0.01	pH Units	"	CQ08451	10/11/07	10/11/07	SM4500-H B	HT-F
Sulfate as SO <sub>4</sub>	ND	0.50	mg/L	"	CQ08454	10/11/07	10/12/07	EPA 300.0	
Total Dissolved Solids	88	10	"	"	CQ08511	10/14/07	10/15/07	SM2540C	
<b>WM 17 NB Ward CK (CQJ0438-11) Water</b> Sampled: 10/10/07 15:45 Received: 10/11/07 08:00									
Total Alkalinity	85	5.0	mg/L	1	CQ08496	10/12/07	10/12/07	SM2310B	
Bicarbonate as CaCO <sub>3</sub>	85	5.0	"	"	"	"	"	"	
Carbonate as CaCO <sub>3</sub>	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO <sub>3</sub>	ND	5.0	"	"	"	"	"	"	
Chloride	0.72	0.50	"	"	CQ08454	10/11/07	10/12/07	EPA 300.0	
Specific Conductance (EC)	160	1.0	µmhos/cm	"	CQ08461	10/11/07	10/11/07	EPA 120.1	
Hexavalent Chromium	ND	10	µg/L	"	CQ08449	10/11/07	10/11/07	EPA 7196A	
Hexavalent Chromium, Dissolved	ND	10	"	"	CQ08450	10/11/07	10/11/07	"	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CQ08487	10/12/07	10/12/07	SM5540 C	
Calcium	19	1.0	"	"	CQ08576	10/16/07	10/16/07	200.7/2340B	
Magnesium	7.7	1.0	"	"	"	"	"	"	
Potassium	1.8	1.0	"	"	"	"	"	"	
Sodium	3.8	1.0	"	"	"	"	"	"	
pH	7.96	0.01	pH Units	"	CQ08451	10/11/07	10/11/07	SM4500-H B	HT-F
Sulfate as SO <sub>4</sub>	0.78	0.50	mg/L	"	CQ08454	10/11/07	10/12/07	EPA 300.0	
Total Dissolved Solids	95	10	"	"	CQ08511	10/14/07	10/15/07	SM2540C	

CA DOHS ELAP Accreditation/Registration Number 1233

3249 Fitzgerald Road Rancho Cordova, CA 95742

www.californialab.com

916-638-7301

Fax: 916-638-4510

# CALIFORNIA LABORATORY SERVICES

10/23/07 13:11

CRWQCB - Sacramento  
11020 Sun Center Drive, Ste. 200  
Rancho Cordova CA, 95670-6114

Project: Walker Mine  
Project Number: PCA 13180  
Project Manager: Steve Rosenbaum

CLS Work Order #: CQJ0438  
COC #: 74121

## Metals by EPA 200 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WM 5 LGC U/S (CQJ0438-01) Water</b> Sampled: 10/10/07 10:35 Received: 10/11/07 08:00									
Aluminum		20	µg/L	1	CQ08455	10/11/07	10/12/07	EPA 200.8	
Arsenic	Oct 06 June 07 ND	2.0	"	"	"	"	"	"	
Copper	ND ND	1.0	"	"	"	"	"	"	
Iron	490	50	"	"	"	"	"	"	
Zinc	4.4	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM 70 U/S (CQJ0438-02) Water</b> Sampled: 10/10/07 11:45 Received: 10/11/07 08:00									
Aluminum	New location ND	20	µg/L	1	CQ08455	10/11/07	10/12/07	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	ND	1.0	"	"	"	"	"	"	
Iron	610	50	"	"	"	"	"	"	
Zinc	ND	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM 6 USFS DAM (CQJ0438-03) Water</b> Sampled: 10/10/07 12:00 Received: 10/11/07 08:00									
Aluminum	22	20	µg/L	1	CQ08455	10/11/07	10/12/07	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	62 78 41	1.0	"	"	"	"	"	"	
Iron	740	50	"	"	"	"	"	"	
Zinc	5.6	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM 8 LGC D/S DC (CQJ0438-04) Water</b> Sampled: 10/10/07 12:10 Received: 10/11/07 08:00									
Aluminum	41	20	µg/L	1	CQ08455	10/11/07	10/12/07	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	29 17 16	1.0	"	"	"	"	"	"	
Iron	630	50	"	"	"	"	"	"	
Zinc	3.9	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM 3 DC D/S (CQJ0438-05) Water</b> Sampled: 10/10/07 12:40 Received: 10/11/07 08:00									
Aluminum	66	20	µg/L	1	CQ08455	10/11/07	10/12/07	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	8.0 9.4 33	1.0	"	"	"	"	"	"	
Iron	1000	250	"	5	"	"	10/12/07	"	
Zinc	4.0	2.0	"	1	"	"	10/12/07	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM 1 Portal (CQJ0438-06) Water</b> Sampled: 10/10/07 13:25 Received: 10/11/07 08:00									
Aluminum	ND	20	µg/L	1	CQ08455	10/11/07	10/12/07	EPA 200.8	

CA DOHS ELAP Accreditation/Registration Number 1233

3249 Fitzgerald Road Rancho Cordova, CA 95742

www.californialab.com

916-638-7301

Fax: 916-638-4510

# CALIFORNIA LABORATORY SERVICES

10/23/07 13:11

CRWQCB - Sacramento  
11020 Sun Center Drive, Ste. 200  
Rancho Cordova CA, 95670-6114

Project: Walker Mine  
Project Number: PCA 13180  
Project Manager: Steve Rosenbaum

CLS Work Order #: CQJ0438  
COC #: 74121

## Metals by EPA 200 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WM 1 Portal (CQJ0438-06) Water</b> Sampled: 10/10/07 13:25 Received: 10/11/07 08:00									
Arsenic	17	2.0	µg/L	1	CQ08455	10/11/07	10/12/07	EPA 200.8	
Copper	150 100 91	1.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	"	"	
Zinc	29	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM 2 DC U/S (CQJ0438-07) Water</b> Sampled: 10/10/07 13:30 Received: 10/11/07 08:00									
Aluminum	20	20	µg/L	1	CQ08455	10/11/07	10/12/07	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	ND ND	1.0	"	"	"	"	"	"	
Iron	50	50	"	"	"	"	"	"	
Zinc	2.3	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM 9 LGC At BC (CQJ0438-08) Water</b> Sampled: 10/10/07 15:00 Received: 10/11/07 08:00									
Aluminum	61	20	µg/L	1	CQ08455	10/11/07	10/12/07	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	28 16 12	1.0	"	"	"	"	"	"	
Iron	590	50	"	"	"	"	"	"	
Zinc	3.6	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM 12 MB Ward CK (CQJ0438-09) Water</b> Sampled: 10/10/07 15:30 Received: 10/11/07 08:00									
Aluminum	42	20	µg/L	1	CQ08455	10/11/07	10/12/07	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	2.8 4.6 3.4	1.0	"	"	"	"	"	"	
Iron	56	50	"	"	"	"	"	"	
Zinc	ND	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM 13 NYE CK (CQJ0438-10) Water</b> Sampled: 10/10/07 15:35 Received: 10/11/07 08:00									
Aluminum	ND	20	µg/L	1	CQ08455	10/11/07	10/12/07	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	ND ND	1.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	"	"	
Zinc	ND	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM 17 NB Ward CK (CQJ0438-11) Water</b> Sampled: 10/10/07 15:45 Received: 10/11/07 08:00									
Aluminum	ND	20	µg/L	1	CQ08455	10/11/07	10/12/07	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	

CA DOHS ELAP Accreditation/Registration Number 1233

3249 Fitzgerald Road Rancho Cordova, CA 95742

www.californialab.com

916-638-7301

Fax: 916-638-4510

# CALIFORNIA LABORATORY SERVICES

10/23/07 13:11

CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114	Project: Walker Mine Project Number: PCA 13180 Project Manager: Steve Rosenbaum	CLS Work Order #: CQJ0438 COC #: 74121
--	---	---

## Metals by EPA 200 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
WM 17 NB Ward CK (CQJ0438-11) Water Sampled: 10/10/07 15:45 Received: 10/11/07 08:00									
Copper	ND ND	ND	1.0 µg/L	1	CQ08455	10/11/07	10/12/07	EPA 200.8	
Iron		ND	50	"	"	"	"	"	
Zinc	2.2	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	

# CALIFORNIA LABORATORY SERVICES

10/23/07 13:11

CRWQCB - Sacramento  
11020 Sun Center Drive, Ste. 200  
Rancho Cordova CA, 95670-6114

Project: Walker Mine  
Project Number: PCA 13180  
Project Manager: Steve Rosenbaum

CLS Work Order #: CQJ0438  
COC #: 74121

## Metals (Dissolved) by EPA 200 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WM 5 LGC U/S (CQJ0438-01) Water</b> Sampled: 10/10/07 10:35 Received: 10/11/07 08:00									
Aluminum	ND	20	µg/L	1	CQ08495	10/12/07	10/15/07	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	ND	2.0	"	"	"	"	"	"	
Iron	340	50	"	"	"	"	"	"	
Zinc	3.2	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM 70 U/S (CQJ0438-02) Water</b> Sampled: 10/10/07 11:45 Received: 10/11/07 08:00									
Aluminum	ND	20	µg/L	1	CQ08495	10/12/07	10/15/07	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	ND	2.0	"	"	"	"	"	"	
Iron	400	50	"	"	"	"	"	"	
Zinc	ND	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM 6 USFS DAM (CQJ0438-03) Water</b> Sampled: 10/10/07 12:00 Received: 10/11/07 08:00									
Aluminum	ND	20	µg/L	1	CQ08495	10/12/07	10/15/07	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	34	2.0	"	"	"	"	"	"	
Iron	620	50	"	"	"	"	"	"	
Zinc	7.2	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM 8 LGC D/S DC (CQJ0438-04) Water</b> Sampled: 10/10/07 12:10 Received: 10/11/07 08:00									
Aluminum	ND	20	µg/L	1	CQ08495	10/12/07	10/15/07	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	12	2.0	"	"	"	"	"	"	
Iron	470	50	"	"	"	"	"	"	
Zinc	3.3	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM 3 DC D/S (CQJ0438-05) Water</b> Sampled: 10/10/07 12:40 Received: 10/11/07 08:00									
Aluminum	31	20	µg/L	1	CQ08495	10/12/07	10/15/07	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	20	2.0	"	"	"	"	"	"	
Iron	330	50	"	"	"	"	"	"	
Zinc	4.2	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM 1 Portal (CQJ0438-06) Water</b> Sampled: 10/10/07 13:25 Received: 10/11/07 08:00									
Aluminum	ND	20	µg/L	1	CQ08495	10/12/07	10/15/07	EPA 200.8	

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

10/23/07 13:11

CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114	Project: Walker Mine Project Number: PCA 13180 Project Manager: Steve Rosenbaum	CLS Work Order #: CQJ0438 COC #: 74121
--	---	---

## Metals (Dissolved) by EPA 200 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WM 1 Portal (CQJ0438-06) Water</b> Sampled: 10/10/07 13:25 Received: 10/11/07 08:00									
Arsenic	18	5.0	µg/L	1	CQ08495	10/12/07	10/15/07	EPA 200.8	
Copper	89	2.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	"	"	
Zinc	28	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM 2 DC U/S (CQJ0438-07) Water</b> Sampled: 10/10/07 13:30 Received: 10/11/07 08:00									
Aluminum	ND	20	µg/L	1	CQ08495	10/12/07	10/15/07	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	ND	2.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	"	"	
Zinc	2.1	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM 9 LGC At BC (CQJ0438-08) Water</b> Sampled: 10/10/07 15:00 Received: 10/11/07 08:00									
Aluminum	ND	20	µg/L	1	CQ08495	10/12/07	10/15/07	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	7.9	2.0	"	"	"	"	"	"	
Iron	460	50	"	"	"	"	"	"	
Zinc	2.4	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM 12 MB Ward CK (CQJ0438-09) Water</b> Sampled: 10/10/07 15:30 Received: 10/11/07 08:00									
Aluminum	25	20	µg/L	1	CQ08495	10/12/07	10/15/07	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	2.8	2.0	"	"	"	"	"	"	
Iron	59	50	"	"	"	"	"	"	
Zinc	2.1	2.0	"	"	"	"	"	"	A-COMa
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM 13 NYE CK (CQJ0438-10) Water</b> Sampled: 10/10/07 15:35 Received: 10/11/07 08:00									
Aluminum	ND	20	µg/L	1	CQ08495	10/12/07	10/15/07	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	ND	2.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	"	"	
Zinc	3.6	2.0	"	"	"	"	"	"	A-COM
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM 17 NB Ward CK (CQJ0438-11) Water</b> Sampled: 10/10/07 15:45 Received: 10/11/07 08:00									
Aluminum	ND	20	µg/L	1	CQ08495	10/12/07	10/15/07	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

10/23/07 13:11

CRWQCB - Sacramento  
11020 Sun Center Drive, Ste. 200  
Rancho Cordova CA, 95670-6114

Project: Walker Mine  
Project Number: PCA 13180  
Project Manager: Steve Rosenbaum

CLS Work Order #: CQJ0438  
COC #: 74121

## Metals (Dissolved) by EPA 200 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
WM 17 NB Ward CK (CQJ0438-11) Water Sampled: 10/10/07 15:45 Received: 10/11/07 08:00									
Copper	ND	2.0	µg/L	1	CQ08495	10/12/07	10/15/07	EPA 200.8	
Iron	ND	50	"	"	"	"	"	"	
Zinc	ND	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	

CA DOHS ELAP Accreditation/Registration Number 1233

3249 Fitzgerald Road Rancho Cordova, CA 95742    www.californialab.com    916-638-7301    Fax: 916-638-4510

# CALIFORNIA LABORATORY SERVICES

10/23/07 13:11

CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114	Project: Walker Mine Project Number: PCA 13180 Project Manager: Steve Rosenbaum	CLS Work Order #: CQJ0438 COC #: 74121
--	---	---

## Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch CQ08449 - General Preparation</b>										
<b>Blank (CQ08449-BLK1)</b>				Prepared & Analyzed: 10/11/07						
Hexavalent Chromium	ND	10	µg/L							QC-2H
<b>LCS (CQ08449-BS1)</b>				Prepared & Analyzed: 10/11/07						
Hexavalent Chromium	280	10	µg/L	250		112	85-115			
<b>LCS Dup (CQ08449-BSD1)</b>				Prepared & Analyzed: 10/11/07						
Hexavalent Chromium	272	10	µg/L	250		109	85-115	2.83	20	
<b>Matrix Spike (CQ08449-MS1)</b>				Source: CQJ0438-01 Prepared & Analyzed: 10/11/07						
Hexavalent Chromium	268	10	µg/L	250	8.80	104	85-115			
<b>Matrix Spike Dup (CQ08449-MSD1)</b>				Source: CQJ0438-01 Prepared & Analyzed: 10/11/07						
Hexavalent Chromium	278	10	µg/L	250	8.80	108	85-115	3.66	20	
<b>Batch CQ08450 - General Preparation</b>										
<b>Blank (CQ08450-BLK1)</b>				Prepared & Analyzed: 10/11/07						
Hexavalent Chromium, Dissolved	ND	10	µg/L							QC-2H
<b>LCS (CQ08450-BS1)</b>				Prepared & Analyzed: 10/11/07						
Hexavalent Chromium, Dissolved	280	10	µg/L	250		112	80-120			
<b>LCS Dup (CQ08450-BSD1)</b>				Prepared & Analyzed: 10/11/07						
Hexavalent Chromium, Dissolved	271	10	µg/L	250		108	80-120	3.24	20	
<b>Matrix Spike (CQ08450-MS1)</b>				Source: CQJ0438-01 Prepared & Analyzed: 10/11/07						
Hexavalent Chromium, Dissolved	284	10	µg/L	250	ND	114	80-120			

CA DOHS BLAP Accreditation/Registration Number 1233



# CALIFORNIA LABORATORY SERVICES

10/23/07 13:11

CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114	Project: Walker Mine Project Number: PCA 13180 Project Manager: Steve Rosenbaum	CLS Work Order #: CQJ0438 COC #: 74121
--	---	---

## Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch CQ08450 - General Preparation</b>										
<b>Matrix Spike Dup (CQ08450-MSD1)</b>		<b>Source: CQJ0438-01</b>		<b>Prepared &amp; Analyzed: 10/11/07</b>						
Hexavalent Chromium, Dissolved	281	10	µg/L	250	ND	112	80-120	1.17	20	
<b>Batch CQ08454 - General Prep</b>										
<b>Blank (CQ08454-BLK1)</b>		<b>Prepared &amp; Analyzed: 10/11/07</b>								
Sulfate as SO4	ND	0.50	mg/L							
Chloride	ND	0.50	"							
<b>LCS (CQ08454-BS1)</b>		<b>Prepared &amp; Analyzed: 10/11/07</b>								
Chloride	1.87	0.50	mg/L	2.00		93.3	80-120			
Sulfate as SO4	5.18	0.50	"	5.00		104	80-120			
<b>LCS Dup (CQ08454-BSD1)</b>		<b>Prepared: 10/11/07 Analyzed: 10/12/07</b>								
Chloride	1.86	0.50	mg/L	2.00		92.8	80-120	0.537	20	
Sulfate as SO4	5.12	0.50	"	5.00		102	80-120	1.11	20	
<b>Matrix Spike (CQ08454-MS1)</b>		<b>Source: CQJ0438-01</b>		<b>Prepared &amp; Analyzed: 10/11/07</b>						
Sulfate as SO4	5.30	0.50	mg/L	5.00	0.565	94.6	75-125			
Chloride	2.44	0.50	"	2.00	0.854	79.1	75-125			
<b>Matrix Spike Dup (CQ08454-MSD1)</b>		<b>Source: CQJ0438-01</b>		<b>Prepared &amp; Analyzed: 10/11/07</b>						
Chloride	2.48	0.50	mg/L	2.00	0.854	81.1	75-125	1.63	25	
Sulfate as SO4	5.39	0.50	"	5.00	0.565	96.6	75-125	1.83	25	
<b>Batch CQ08461 - General Preparation</b>										
<b>Blank (CQ08461-BLK1)</b>		<b>Prepared &amp; Analyzed: 10/11/07</b>								
Specific Conductance (EC)	ND	1.0	µmhos/cm							

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

10/23/07 13:11

CRWQCB - Sacramento  
11020 Sun Center Drive, Ste. 200  
Rancho Cordova CA, 95670-6114

Project: Walker Mine  
Project Number: PCA 13180  
Project Manager: Steve Rosenbaum

CLS Work Order #: CQJ0438  
COC #: 74121

## Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch CQ08487 - General Preparation</b>										
<b>Blank (CQ08487-BLK1)</b>					Prepared & Analyzed: 10/12/07					
Methylene Blue Active Substances	ND	0.10	mg/L							
<b>LCS (CQ08487-BS1)</b>					Prepared & Analyzed: 10/12/07					
Methylene Blue Active Substances	0.460	0.10	mg/L	0.500		92.0	80-120			
<b>LCS Dup (CQ08487-BSD1)</b>					Prepared & Analyzed: 10/12/07					
Methylene Blue Active Substances	0.458	0.10	mg/L	0.500		91.6	80-120	0.458	20	
<b>Matrix Spike (CQ08487-MS1)</b>					Source: CQJ0386-05 Prepared & Analyzed: 10/12/07					
Methylene Blue Active Substances	0.296	0.10	mg/L	0.500	ND	59.2	75-125			QM-5
<b>Matrix Spike Dup (CQ08487-MSD1)</b>					Source: CQJ0386-05 Prepared & Analyzed: 10/12/07					
Methylene Blue Active Substances	0.314	0.10	mg/L	0.500	ND	62.9	75-125	6.00	25	QM-5
<b>Batch CQ08496 - General Preparation</b>										
<b>Blank (CQ08496-BLK1)</b>					Prepared & Analyzed: 10/12/07					
Total Alkalinity	ND	5.0	mg/L							
Bicarbonate as CaCO3	ND	5.0	"							
Carbonate as CaCO3	ND	5.0	"							
Hydroxide as CaCO3	ND	5.0	"							
<b>Batch CQ08511 - General Preparation</b>										
<b>Blank (CQ08511-BLK1)</b>					Prepared & Analyzed: 10/15/07					
Total Dissolved Solids	ND	10	mg/L							

# CALIFORNIA LABORATORY SERVICES

10/23/07 13:11

CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114	Project: Walker Mine Project Number: PCA 13180 Project Manager: Steve Rosenbaum	CLS Work Order #: CQJ0438 COC #: 74121
--	---	---

## Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch CQ08511 - General Preparation</b>										
<b>Duplicate (CQ08511-DUP1)</b>		<b>Source: CQJ0438-01</b>			<b>Prepared &amp; Analyzed: 10/15/07</b>					
Total Dissolved Solids	73.0	10	mg/L		71.0			2.78	20	
<b>Batch CQ08576 - 6010A/No Digestion</b>										
<b>Blank (CQ08576-BLK1)</b>		<b>Prepared &amp; Analyzed: 10/16/07</b>								
Calcium	ND	1.0	mg/L							
Magnesium	ND	1.0	"							
Potassium	ND	1.0	"							
Sodium	ND	1.0	"							
Hardness as CaCO3	ND	1.0	"							
<b>LCS (CQ08576-BS1)</b>		<b>Prepared &amp; Analyzed: 10/16/07</b>								
Calcium	11.4	1.0	mg/L	10.0		114	80-120			
Magnesium	10.5	1.0	"	10.0		105	80-120			
Potassium	10.8	1.0	"	10.0		108	80-120			
Sodium	10.6	1.0	"	10.0		106	80-120			
<b>LCS Dup (CQ08576-BSD1)</b>		<b>Prepared &amp; Analyzed: 10/16/07</b>								
Calcium	11.6	1.0	mg/L	10.0		116	80-120	2.00	20	
Magnesium	10.7	1.0	"	10.0		107	80-120	1.89	20	
Potassium	11.0	1.0	"	10.0		110	80-120	2.20	20	
Sodium	10.7	1.0	"	10.0		107	80-120	1.50	20	
<b>Matrix Spike (CQ08576-MS1)</b>		<b>Source: CQJ0438-01</b>			<b>Prepared &amp; Analyzed: 10/16/07</b>					
Calcium	28.0	1.0	mg/L	10.0	15.8	122	75-125			
Magnesium	17.4	1.0	"	10.0	6.64	108	75-125			
Potassium	13.2	1.0	"	10.0	2.11	111	75-125			
Sodium	15.0	1.0	"	10.0	4.30	107	75-125			

# CALIFORNIA LABORATORY SERVICES

10/23/07 13:11

CRWQCB - Sacramento  
11020 Sun Center Drive, Ste. 200  
Rancho Cordova CA, 95670-6114

Project: Walker Mine  
Project Number: PCA 13180  
Project Manager: Steve Rosenbaum

CLS Work Order #: CQJ0438  
COC #: 74121

## Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

### Batch CQ08576 - 6010A/No Digestion

Matrix Spike Dup (CQ08576-MSD1)	Source: CQJ0438-01	Prepared & Analyzed: 10/16/07								
Calcium	27.9	1.0	mg/L	10.0	15.8	121	75-125	0.465	25	
Magnesium	17.8	1.0	"	10.0	6.64	112	75-125	2.27	25	
Potassium	13.4	1.0	"	10.0	2.11	113	75-125	2.03	25	
Sodium	15.4	1.0	"	10.0	4.30	111	75-125	2.96	25	

CA DOHS ELAP Accreditation/Registration Number 1233

3249 Fitzgerald Road Rancho Cordova, CA 95742    www.californialab.com    916-638-7301    Fax: 916-638-4510

# CALIFORNIA LABORATORY SERVICES

10/23/07 13:11

CRWQCB - Sacramento  
11020 Sun Center Drive, Ste. 200  
Rancho Cordova CA, 95670-6114

Project: Walker Mine  
Project Number: PCA 13180  
Project Manager: Steve Rosenbaum

CLS Work Order #: CQJ0438  
COC #: 74121

## Metals by EPA 200 Series Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch CQ08455 - EPA 3020A</b>										
<b>Blank (CQ08455-BLK1)</b>										
					Prepared: 10/11/07 Analyzed: 10/12/07					
Aluminum	ND	20	µg/L							
Arsenic	ND	2.0	"							
Copper	ND	1.0	"							
Iron	ND	50	"							
Zinc	ND	2.0	"							
Cadmium	ND	0.50	"							
<b>LCS (CQ08455-BS1)</b>										
					Prepared: 10/11/07 Analyzed: 10/12/07					
Aluminum	104	20	µg/L	100	104	104	80-120			
Arsenic	102	2.0	"	100	102	102	80-120			
Copper	97.6	1.0	"	100	97.6	97.6	80-120			
Iron	96.2	50	"	100	96.2	96.2	80-120			
Zinc	100	2.0	"	100	100	100	80-120			
Cadmium	9.62	0.50	"	10.0	96.2	96.2	80-120			
<b>LCS Dup (CQ08455-BSD1)</b>										
					Prepared: 10/11/07 Analyzed: 10/12/07					
Aluminum	105	20	µg/L	100	105	105	80-120	1.10	20	
Arsenic	101	2.0	"	100	101	101	80-120	0.917	20	
Copper	99.0	1.0	"	100	99.0	99.0	80-120	1.35	20	
Iron	98.3	50	"	100	98.3	98.3	80-120	2.10	20	
Zinc	101	2.0	"	100	101	101	80-120	0.259	20	
Cadmium	9.73	0.50	"	10.0	97.3	97.3	80-120	1.14	20	
<b>Matrix Spike (CQ08455-MS1)</b>										
			Source: CQJ0438-01		Prepared: 10/11/07 Analyzed: 10/12/07					
Aluminum	156	20	µg/L	100	48.9	107	75-125			
Arsenic	102	2.0	"	100	ND	102	75-125			
Copper	93.8	1.0	"	100	0.330	93.4	75-125			
Iron	575	50	"	100	490	84.9	75-125			
Zinc	98.2	2.0	"	100	4.36	93.9	75-125			
Cadmium	9.77	0.50	"	10.0	ND	97.7	75-125			

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

10/23/07 13:11

CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114	Project: Walker Mine Project Number: PCA 13180 Project Manager: Steve Rosenbaum	CLS Work Order #: CQJ0438 COC #: 74121
--	---	---

## Metals by EPA 200 Series Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

### Batch CQ08455 - EPA 3020A

Matrix Spike Dup (CQ08455-MSD1)	Source: CQJ0438-01			Prepared: 10/11/07		Analyzed: 10/12/07				
Aluminum	157	20	µg/L	100	48.9	108	75-125	0.615	25	
Arsenic	104	2.0	"	100	ND	104	75-125	2.42	25	
Copper	94.2	1.0	"	100	0.330	93.9	75-125	0.479	25	
Iron	585	50	"	100	490	94.7	75-125	1.68	25	
Zinc	99.5	2.0	"	100	4.36	95.1	75-125	1.22	25	
Cadmium	9.84	0.50	"	10.0	ND	98.4	75-125	0.714	25	

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

10/23/07 13:11

CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114	Project: Walker Mine Project Number: PCA 13180 Project Manager: Steve Rosenbaum	CLS Work Order #: CQJ0438 COC #: 74121
--	---	---

## Metals (Dissolved) by EPA 200 Series Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch CQ08495 - EPA 3020A</b>										
<b>Blank (CQ08495-BLK1)</b>										
Prepared: 10/12/07 Analyzed: 10/15/07										
Aluminum	ND	20	µg/L							
Arsenic	ND	5.0	"							
Copper	ND	2.0	"							
Iron	ND	50	"							
Zinc	ND	2.0	"							
Cadmium	ND	0.50	"							
<b>LCS (CQ08495-BS1)</b>										
Prepared: 10/12/07 Analyzed: 10/15/07										
Aluminum	105	20	µg/L	100	105	105	80-120			
Arsenic	112	5.0	"	100	112	112	80-120			
Copper	105	2.0	"	100	105	105	80-120			
Iron	82.0	50	"	100	82.0	82.0	80-120			
Zinc	110	2.0	"	100	110	110	80-120			
Cadmium	11.2	0.50	"	10.0	11.2	112	80-120			
<b>LCS Dup (CQ08495-BS1)</b>										
Prepared: 10/12/07 Analyzed: 10/15/07										
Aluminum	107	20	µg/L	100	107	107	80-120	1.67	20	
Arsenic	112	5.0	"	100	112	112	80-120	0.0714	20	
Copper	106	2.0	"	100	106	106	80-120	0.917	20	
Iron	94.5	50	"	100	94.5	94.5	80-120	14.2	20	
Zinc	111	2.0	"	100	111	111	80-120	0.724	20	
Cadmium	10.8	0.50	"	10.0	10.8	108	80-120	3.62	20	
<b>Matrix Spike (CQ08495-MS1)</b>										
Source: CQJ0438-01 Prepared: 10/12/07 Analyzed: 10/15/07										
Aluminum	118	20	µg/L	100	14.9	104	75-125			
Arsenic	111	5.0	"	100	ND	111	75-125			
Copper	100	2.0	"	100	ND	100	75-125			
Iron	422	50	"	100	337	85.0	75-125			
Zinc	107	2.0	"	100	3.15	103	75-125			
Cadmium	11.1	0.50	"	10.0	ND	111	75-125			

# CALIFORNIA LABORATORY SERVICES

10/23/07 13:11

CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114	Project: Walker Mine Project Number: PCA 13180 Project Manager: Steve Rosenbaum	CLS Work Order #: CQJ0438 COC #: 74121
--	---	---

## Metals (Dissolved) by EPA 200 Series Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

### Batch CQ08495 - EPA 3020A

Matrix Spike Dup (CQ08495-MSD1)      Source: CQJ0438-01      Prepared: 10/12/07      Analyzed: 10/15/07

Aluminum	119	20	µg/L	100	14.9	104	75-125	0.573	25	
Arsenic	110	5.0	"	100	ND	110	75-125	0.534	25	
Copper	98.6	2.0	"	100	ND	98.6	75-125	1.55	25	
Iron	437	50	"	100	337	99.4	75-125	3.33	25	
Zinc	104	2.0	"	100	3.15	101	75-125	2.13	25	
Cadmium	10.9	0.50	"	10.0	ND	109	75-125	2.37	25	



# CALIFORNIA LABORATORY SERVICES

10/23/07 13:11

CRWQCB - Sacramento  
11020 Sun Center Drive, Ste. 200  
Rancho Cordova CA, 95670-6114

Project: Walker Mine  
Project Number: PCA 13180  
Project Manager: Steve Rosenbaum

CLS Work Order #: CQJ0438  
COC #: 74121

## Notes and Definitions

- QM-5 The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
- QC-2H The recovery of one CCV was greater than the acceptance limit. However, all analytes in the associated samples were ND; therefore a reanalysis was not performed.
- HT-F This is a field test method and it is performed in the lab outside holding time.
- A-COMa Total value of Zn is 1.81ug/L
- A-COM Total value of Zn is 1.77ug/L.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference

## **Exhibit 65**

# CALIFORNIA LABORATORY SERVICES

3249 Fitzgerald Road Rancho Cordova, CA 95742

July 11, 2008

CLS Work Order #: CRF0997  
COC #: 74122, 94817

Jeff Huggins  
CRWQCB - Sacramento  
11020 Sun Center Drive, Ste. 200  
Rancho Cordova, CA 95670-6114

**Project Name: Walker Mine**

Enclosed are the results of analyses for samples received by the laboratory on 06/25/08 08:00. Samples were analyzed pursuant to client request utilizing EPA or other ELAP approved methodologies. I certify that the results are in compliance both technically and for completeness.

Analytical results are attached to this letter. Please call if we can provide additional assistance.

Sincerely,



James Liang, Ph.D.  
Laboratory Director

CA DOHS ELAP Accreditation/Registration number 1233

Change of Status  
Work Order # CRF0997

Per client request, Sample CRF0997-04, "WM-1 Portal" was analyzed for Hexavalent Chromium and Hexavalent Chromium Dissolved, in addition to analyses requested on the Chain of Custody.



REPORT TO:

NAME AND ADDRESS  
*Leticia Valadez*  
 Central Valley Regional Water Board  
 Rancho Cordova, CA 95670  
 PROJECT MANAGER *Jeff Huggins* PHONE# *464-4639*  
 PROJECT NAME *Walker Mine*  
 SAMPLED BY: *Jeff Huggins/Victor Izzo*  
 JOB DESCRIPTION *Water Quality Monitoring*

CLIENT JOB NUMBER

DESTINATION LABORATORY  
 **CLS (916) 638-7301**  
 3248 FITZGERALD RD.  
 RANCHO CORDOVA, CA 95742  
 OTHER

ANALYSIS REQUESTED

*Bid Group 7*

GEOTRACKER:

EDF REPORT  YES  NO

GLOBAL ID:

COMPOSITE: *Bid Group 7 is Total Metals + Dissolved Metals + General Minerals*  
 FIELD CONDITIONS:

PRESERVATIVES

SITE LOCATION *Plumas County*

DATE	TIME	SAMPLE IDENTIFICATION	MATRIX	CONTAINER NO.	TYPE
<i>6-24-08</i>	<i>1415</i>	<i>WM-13 Nye CRK.</i>	<i>H<sub>2</sub>O</i>	<i>3</i>	<i>Plastic</i>
<i>6-24-08</i>	<i>1430</i>	<i>WM-17 NBWC</i>	<i>↓</i>	<i>↓</i>	<i>↓</i>

TURN AROUND TIME

DAY 1  
 DAY 2  
 DAY 3  
 DAY 4  
 DAY 5  
 DAY 10

SPECIAL INSTRUCTIONS

OR

ALI. ID:

*Need low detection levels for Metals*

INVOICE TO: *Leticia Valadez*

P.O. #

QUOTE #

SUSPECTED CONSTITUENTS

(1) HCL (2) HNO<sub>3</sub> (3) - COLD (4) = NaOH (5) = H<sub>2</sub>SO<sub>4</sub> (6) = Na<sub>2</sub>SO<sub>3</sub> (7) =

RELINQUISHED BY (SIGN)

PRINT NAME / COMPANY

DATE / TIME

RECEIVED BY (SIGN)

PRINT NAME / COMPANY

*Jeff S. Huggins* *Jeff Huggins/RWQCB* *6-25-08/0800hrs.*

*Will Ouellet* *6/25/08* *0800*

CONDITIONS / COMMENTS:

SHIPPED BY:  FED X  UPS  OTHER

AIR BILL #

# CALIFORNIA LABORATORY SERVICES

07/11/08 09:08

CRWQCB - Sacramento  
11020 Sun Center Drive, Ste. 200  
Rancho Cordova CA, 95670-6114

Project: Walker Mine  
Project Number: [none]  
Project Manager: Jeff Huggins

CLS Work Order #: CRF0997  
COC #: 74122, 94817

## Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WM-5 LGC M/S (CRF0997-01) Water</b> Sampled: 06/24/08 10:00 Received: 06/25/08 08:00									
Total Alkalinity	54	5.0	mg/L	1	CR05267	06/26/08	06/26/08	SM2310B	
Bicarbonate as CaCO3	54	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	0.56	0.50	"	"	CR05243	06/26/08	06/26/08	EPA 300.0	
Specific Conductance (EC)	110	1.0	µmhos/cm	"	CR05229	06/25/08	06/25/08	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CR05253	06/26/08	06/26/08	SM5540 C	
Calcium	12	1.0	"	"	CR05610	07/10/08	07/10/08	200.7/2340B	
Magnesium	4.7	1.0	"	"	"	"	"	"	
Potassium	1.2	1.0	"	"	"	"	"	"	
Sodium	3.7	1.0	"	"	"	"	"	"	
Hardness as CaCO3	50	1.0	"	"	"	"	"	"	
pH	7.17	0.01	pH Units	"	CR05214	06/25/08	06/25/08	SM4500-H B	HT-F
Sulfate as SO4	ND	0.50	mg/L	"	CR05243	06/26/08	06/26/08	EPA 300.0	
Total Dissolved Solids	76	10	"	"	CR05260	06/26/08	06/27/08	SM2540C	
<b>WM-3 DC D/S (CRF0997-02) Water</b> Sampled: 06/24/08 10:20 Received: 06/25/08 08:00									
Total Alkalinity	72	5.0	mg/L	1	CR05267	06/26/08	06/26/08	SM2310B	
Bicarbonate as CaCO3	72	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	0.56	0.50	"	"	CR05243	06/26/08	06/26/08	EPA 300.0	
Specific Conductance (EC)	140	1.0	µmhos/cm	"	CR05229	06/25/08	06/25/08	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CR05253	06/26/08	06/26/08	SM5540 C	
Calcium	16	1.0	"	"	CR05610	07/10/08	07/10/08	200.7/2340B	
Magnesium	8.0	1.0	"	"	"	"	"	"	
Potassium	ND	1.0	"	"	"	"	"	"	
Sodium	3.2	1.0	"	"	"	"	"	"	
Hardness as CaCO3	74	1.0	"	"	"	"	"	"	
pH	7.32	0.01	pH Units	"	CR05214	06/25/08	06/25/08	SM4500-H B	HT-F
Sulfate as SO4	ND	0.50	mg/L	"	CR05243	06/26/08	06/26/08	EPA 300.0	
Total Dissolved Solids	100	10	"	"	CR05260	06/26/08	06/27/08	SM2540C	
<b>WM-19 Settling Pond (CRF0997-03) Water</b> Sampled: 06/24/08 10:30 Received: 06/25/08 08:00									
Total Alkalinity	28	5.0	mg/L	1	CR05267	06/26/08	06/26/08	SM2310B	
Bicarbonate as CaCO3	28	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	0.63	0.50	"	"	CR05243	06/26/08	06/26/08	EPA 300.0	
Specific Conductance (EC)	170	1.0	µmhos/cm	"	CR05229	06/25/08	06/25/08	EPA 120.1	

CA DOHS ELAP Accreditation/Registration Number 1233

3249 Fitzgerald Road Rancho Cordova, CA 95742

www.californialab.com

916-638-7301

Fax: 916-638-4510

# CALIFORNIA LABORATORY SERVICES

07/11/08 09:08

CRWQCB - Sacramento  
11020 Sun Center Drive, Ste. 200  
Rancho Cordova CA, 95670-6114

Project: Walker Mine  
Project Number: [none]  
Project Manager: Jeff Huggins

CLS Work Order #: CRF0997  
COC #: 74122, 94817

## Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WM-19 Settling Pond (CRF0997-03) Water</b> Sampled: 06/24/08 10:30 Received: 06/25/08 08:00									
Methylene Blue Active Substances	ND	0.10	mg/L	1	CR05253	06/26/08	06/26/08	SM5540 C	
Calcium	22	1.0	"	"	CR05610	07/10/08	07/10/08	200.7/2340B	
Magnesium	5.2	1.0	"	"	"	"	"	"	
Potassium	2.3	1.0	"	"	"	"	"	"	
Sodium	5.2	1.0	"	"	"	"	"	"	
Hardness as CaCO3	75	1.0	"	"	"	"	"	"	
pH	7.36	0.01	pH Units	"	CR05214	06/25/08	06/25/08	SM4500-H B	HT-F
Sulfate as SO4	49	2.5	mg/L	5	CR05243	06/26/08	06/27/08	EPA 300.0	
Total Dissolved Solids	140	10	"	1	CR05260	06/26/08	06/27/08	SM2540C	
<b>WM-1 Portal (CRF0997-04) Water</b> Sampled: 06/24/08 11:00 Received: 06/25/08 08:00									
Total Alkalinity	59	5.0	mg/L	1	CR05267	06/26/08	06/26/08	SM2310B	
Bicarbonate as CaCO3	59	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	0.66	0.50	"	"	CR05243	06/26/08	06/26/08	EPA 300.0	
Specific Conductance (EC)	110	1.0	µmhos/cm	"	CR05229	06/25/08	06/25/08	EPA 120.1	
Hexavalent Chromium	ND	10	µg/L	"	CR05228	06/25/08	06/25/08	EPA 7196A	
Hexavalent Chromium, Dissolved	ND	10	"	"	"	"	"	"	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CR05253	06/26/08	06/26/08	SM5540 C	
Calcium	12	1.0	"	"	CR05610	07/10/08	07/10/08	200.7/2340B	
Magnesium	4.8	1.0	"	"	"	"	"	"	
Potassium	ND	1.0	"	"	"	"	"	"	
Sodium	5.3	1.0	"	"	"	"	"	"	
Hardness as CaCO3	49	1.0	"	"	"	"	"	"	
pH	7.30	0.01	pH Units	"	CR05214	06/25/08	06/25/08	SM4500-H B	HT-F
Sulfate as SO4	1.0	0.50	mg/L	"	CR05243	06/26/08	06/26/08	EPA 300.0	
Total Dissolved Solids	100	10	"	"	CR05260	06/26/08	06/27/08	SM2540C	
<b>WM-2 DC M/S (CRF0997-05) Water</b> Sampled: 06/24/08 11:10 Received: 06/25/08 08:00									
Total Alkalinity	77	5.0	mg/L	1	CR05267	06/26/08	06/26/08	SM2310B	
Bicarbonate as CaCO3	77	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	0.57	0.50	"	"	CR05243	06/26/08	06/26/08	EPA 300.0	
Specific Conductance (EC)	140	1.0	µmhos/cm	"	CR05229	06/25/08	06/25/08	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CR05253	06/26/08	06/26/08	SM5540 C	
Calcium	15	1.0	"	"	CR05610	07/10/08	07/10/08	200.7/2340B	
Magnesium	8.1	1.0	"	"	"	"	"	"	
Potassium	ND	1.0	"	"	"	"	"	"	

CA DOHS ELAP Accreditation/Registration Number 1233

3249 Fitzgerald Road Rancho Cordova, CA 95742

www.californialab.com

916-638-7301

Fax: 916-638-4510



# CALIFORNIA LABORATORY SERVICES

07/11/08 09:08

CRWQCB - Sacramento  
11020 Sun Center Drive, Ste. 200  
Rancho Cordova CA, 95670-6114

Project: Walker Mine  
Project Number: [none]  
Project Manager: Jeff Huggins

CLS Work Order #: CRF0997  
COC #: 74122, 94817

## Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WM-2 DC M/S (CRF0997-05) Water</b> Sampled: 06/24/08 11:10 Received: 06/25/08 08:00									
Sodium	3.1	1.0	mg/L	1	CR05610	07/10/08	07/10/08	200.7/2340B	
Hardness as CaCO <sub>3</sub>	71	1.0	"	"	"	"	"	"	
pH	7.67	0.01	pH Units	"	CR05214	06/25/08	06/25/08	SM4500-H B	HT-F
Sulfate as SO <sub>4</sub>	ND	0.50	mg/L	"	CR05243	06/26/08	06/26/08	EPA 300.0	
Total Dissolved Solids	100	10	"	"	CR05260	06/26/08	06/27/08	SM2540C	
<b>WM-4 DC @ 48" (CRF0997-06) Water</b> Sampled: 06/24/08 11:30 Received: 06/25/08 08:00									
Total Alkalinity	73	5.0	mg/L	1	CR05267	06/26/08	06/26/08	SM2310B	
Bicarbonate as CaCO <sub>3</sub>	73	5.0	"	"	"	"	"	"	
Carbonate as CaCO <sub>3</sub>	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO <sub>3</sub>	ND	5.0	"	"	"	"	"	"	
Chloride	0.55	0.50	"	"	CR05243	06/26/08	06/26/08	EPA 300.0	
Specific Conductance (EC)	140	1.0	µmhos/cm	"	CR05229	06/25/08	06/25/08	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CR05253	06/26/08	06/26/08	SM5540 C	
Calcium	14	1.0	"	"	CR05610	07/10/08	07/10/08	200.7/2340B	
Magnesium	7.5	1.0	"	"	"	"	"	"	
Potassium	ND	1.0	"	"	"	"	"	"	
Sodium	3.4	1.0	"	"	"	"	"	"	
Hardness as CaCO <sub>3</sub>	67	1.0	"	"	"	"	"	"	
pH	7.65	0.01	pH Units	"	CR05214	06/25/08	06/25/08	SM4500-H B	HT-F
Sulfate as SO <sub>4</sub>	0.54	0.50	mg/L	"	CR05243	06/26/08	06/26/08	EPA 300.0	
Total Dissolved Solids	110	10	"	"	CR05260	06/26/08	06/27/08	SM2540C	
<b>WM-9 LGC @ BC (CRF0997-07) Water</b> Sampled: 06/24/08 12:00 Received: 06/25/08 08:00									
Total Alkalinity	60	5.0	mg/L	1	CR05267	06/26/08	06/26/08	SM2310B	
Bicarbonate as CaCO <sub>3</sub>	60	5.0	"	"	"	"	"	"	
Carbonate as CaCO <sub>3</sub>	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO <sub>3</sub>	ND	5.0	"	"	"	"	"	"	
Chloride	0.53	0.50	"	"	CR05243	06/26/08	06/26/08	EPA 300.0	
Specific Conductance (EC)	130	1.0	µmhos/cm	"	CR05229	06/25/08	06/25/08	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CR05253	06/26/08	06/26/08	SM5540 C	
Calcium	14	1.0	"	"	CR05610	07/10/08	07/10/08	200.7/2340B	
Magnesium	4.7	1.0	"	"	"	"	"	"	
Potassium	1.5	1.0	"	"	"	"	"	"	
Sodium	4.3	1.0	"	"	"	"	"	"	
Hardness as CaCO <sub>3</sub>	56	1.0	"	"	"	"	"	"	
pH	7.76	0.01	pH Units	"	CR05214	06/25/08	06/25/08	SM4500-H B	HT-F
Sulfate as SO <sub>4</sub>	6.1	0.50	mg/L	"	CR05243	06/26/08	06/26/08	EPA 300.0	
Total Dissolved Solids	100	10	"	"	CR05260	06/26/08	06/27/08	SM2540C	
<b>WM-6 MSFS Dam (CRF0997-08) Water</b> Sampled: 06/24/08 12:25 Received: 06/25/08 08:00									

CA DOHS ELAP Accreditation/Registration Number 1233

3249 Fitzgerald Road Rancho Cordova, CA 95742

www.californialab.com

916-638-7301

Fax: 916-638-4510

# CALIFORNIA LABORATORY SERVICES

07/11/08 09:08

CRWQCB - Sacramento  
11020 Sun Center Drive, Ste. 200  
Rancho Cordova CA, 95670-6114

Project: Walker Mine  
Project Number: [none]  
Project Manager: Jeff Huggins

CLS Work Order #: CRF0997  
COC #: 74122, 94817

## Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WM-6 MSFS Dam (CRF0997-08) Water</b> <b>Sampled: 06/24/08 12:25</b> <b>Received: 06/25/08 08:00</b>									
Total Alkalinity	71	5.0	mg/L	1	CR05267	06/26/08	06/26/08	SM2310B	
Bicarbonate as CaCO3	71	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	0.57	0.50	"	"	CR05243	06/26/08	06/26/08	EPA 300.0	
Specific Conductance (EC)	150	1.0	µmhos/cm	"	CR05229	06/25/08	06/25/08	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CR05253	06/26/08	06/26/08	SM5540 C	
Calcium	18	1.0	"	"	CR05610	07/10/08	07/10/08	200.7/2340B	
Magnesium	6.6	1.0	"	"	"	"	"	"	
Potassium	1.3	1.0	"	"	"	"	"	"	
Sodium	4.2	1.0	"	"	"	"	"	"	
Hardness as CaCO3	73	1.0	"	"	"	"	"	"	
pH	7.88	0.01	pH Units	"	CR05214	06/25/08	06/25/08	SM4500-H B	HT-F
Sulfate as SO4	7.1	0.50	mg/L	"	CR05243	06/26/08	06/26/08	EPA 300.0	
Total Dissolved Solids	110	10	"	"	CR05260	06/26/08	06/27/08	SM2540C	
<b>WM-70B DC (CRF0997-09) Water</b> <b>Sampled: 06/24/08 12:40</b> <b>Received: 06/25/08 08:00</b>									
Total Alkalinity	74	5.0	mg/L	1	CR05267	06/26/08	06/26/08	SM2310B	
Bicarbonate as CaCO3	74	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	0.58	0.50	"	"	CR05243	06/26/08	06/27/08	EPA 300.0	
Specific Conductance (EC)	140	1.0	µmhos/cm	"	CR05229	06/25/08	06/25/08	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CR05253	06/26/08	06/26/08	SM5540 C	
Calcium	15	1.0	"	"	CR05610	07/10/08	07/10/08	200.7/2340B	
Magnesium	6.8	1.0	"	"	"	"	"	"	
Potassium	1.2	1.0	"	"	"	"	"	"	
Sodium	3.8	1.0	"	"	"	"	"	"	
Hardness as CaCO3	65	1.0	"	"	"	"	"	"	
pH	7.94	0.01	pH Units	"	CR05214	06/25/08	06/25/08	SM4500-H B	HT-F
Sulfate as SO4	0.98	0.50	mg/L	"	CR05243	06/26/08	06/27/08	EPA 300.0	
Total Dissolved Solids	92	10	"	"	CR05260	06/26/08	06/27/08	SM2540C	
<b>WM-70A LGC/DC (CRF0997-10) Water</b> <b>Sampled: 06/24/08 12:45</b> <b>Received: 06/25/08 08:00</b>									
Total Alkalinity	57	5.0	mg/L	1	CR05267	06/26/08	06/26/08	SM2310B	
Bicarbonate as CaCO3	57	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	0.54	0.50	"	"	CR05243	06/26/08	06/27/08	EPA 300.0	
Specific Conductance (EC)	120	1.0	µmhos/cm	"	CR05229	06/25/08	06/25/08	EPA 120.1	

CA DOHS ELAP Accreditation/Registration Number 1233

3249 Fitzgerald Road Rancho Cordova, CA 95742

www.californialab.com

916-638-7301

Fax: 916-638-4510

# CALIFORNIA LABORATORY SERVICES

07/11/08 09:08

CRWQCB - Sacramento  
11020 Sun Center Drive, Ste. 200  
Rancho Cordova CA, 95670-6114

Project: Walker Mine  
Project Number: [none]  
Project Manager: Jeff Huggins

CLS Work Order #: CRF0997  
COC #: 74122, 94817

## Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WM-70A LGC/DC (CRF0997-10) Water</b> Sampled: 06/24/08 12:45 Received: 06/25/08 08:00									
Methylene Blue Active Substances	ND	0.10	mg/L	1	CR05253	06/26/08	06/26/08	SM5540 C	
Calcium	14	1.0	"	"	CR05610	07/10/08	07/10/08	200.7/2340B	
Magnesium	4.3	1.0	"	"	"	"	"	"	
Potassium	1.6	1.0	"	"	"	"	"	"	
Sodium	4.4	1.0	"	"	"	"	"	"	
Hardness as CaCO3	52	1.0	"	"	"	"	"	"	
pH	7.41	0.01	pH Units	"	CR05214	06/25/08	06/25/08	SM4500-H B	HT-F
Sulfate as SO4	4.8	0.50	mg/L	"	CR05243	06/26/08	06/27/08	EPA 300.0	
Total Dissolved Solids	84	10	"	"	CR05260	06/26/08	06/27/08	SM2540C	
<b>WM-11 SBWC (CRF0997-12) Water</b> Sampled: 06/24/08 13:55 Received: 06/25/08 08:00									
Total Alkalinity	23	5.0	mg/L	1	CR05267	06/26/08	06/26/08	SM2310B	
Bicarbonate as CaCO3	23	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	0.51	0.50	"	"	CR05243	06/26/08	06/27/08	EPA 300.0	
Specific Conductance (EC)	46	1.0	µmhos/cm	"	CR05229	06/25/08	06/25/08	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CR05253	06/26/08	06/26/08	SM5540 C	
Calcium	4.7	1.0	"	"	CR05610	07/10/08	07/10/08	200.7/2340B	
Magnesium	1.6	1.0	"	"	"	"	"	"	
Potassium	ND	1.0	"	"	"	"	"	"	
Sodium	2.6	1.0	"	"	"	"	"	"	
Hardness as CaCO3	18	1.0	"	"	"	"	"	"	
pH	6.70	0.01	pH Units	"	CR05214	06/25/08	06/25/08	SM4500-H B	HT-F
Sulfate as SO4	0.65	0.50	mg/L	"	CR05243	06/26/08	06/27/08	EPA 300.0	
Total Dissolved Solids	34	10	"	"	CR05260	06/26/08	06/27/08	SM2540C	
<b>WM-12 MBWC (CRF0997-13) Water</b> Sampled: 06/24/08 14:05 Received: 06/25/08 08:00									
Total Alkalinity	14	5.0	mg/L	1	CR05267	06/26/08	06/26/08	SM2310B	
Bicarbonate as CaCO3	14	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	0.52	0.50	"	"	CR05243	06/26/08	06/27/08	EPA 300.0	
Specific Conductance (EC)	34	1.0	µmhos/cm	"	CR05229	06/25/08	06/25/08	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CR05253	06/26/08	06/26/08	SM5540 C	
Calcium	2.9	1.0	"	"	CR05610	07/10/08	07/10/08	200.7/2340B	
Magnesium	1.5	1.0	"	"	"	"	"	"	
Potassium	ND	1.0	"	"	"	"	"	"	
Sodium	1.2	1.0	"	"	"	"	"	"	
Hardness as CaCO3	13	1.0	"	"	"	"	"	"	

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

07/11/08 09:08

CRWQCB - Sacramento  
11020 Sun Center Drive, Ste. 200  
Rancho Cordova CA, 95670-6114

Project: Walker Mine  
Project Number: [none]  
Project Manager: Jeff Huggins

CLS Work Order #: CRF0997  
COC #: 74122, 94817

## Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WM-12 MBWC (CRF0997-13) Water</b> Sampled: 06/24/08 14:05 Received: 06/25/08 08:00									
pH	6.10	0.01	pH Units	1	CR05214	06/25/08	06/25/08	SM4500-H B	HT-F
Sulfate as SO4	ND	0.50	mg/L	"	CR05243	06/26/08	06/27/08	EPA 300.0	
Total Dissolved Solids	24	10	"	"	CR05260	06/26/08	06/27/08	SM2540C	
<b>WM-13 Nye Creek (CRF0997-14) Water</b> Sampled: 06/24/08 14:15 Received: 06/25/08 08:00									
Total Alkalinity	53	5.0	mg/L	1	CR05267	06/26/08	06/26/08	SM2310B	
Bicarbonate as CaCO3	53	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	ND	0.50	"	"	CR05243	06/26/08	06/27/08	EPA 300.0	
Specific Conductance (EC)	100	1.0	µmhos/cm	"	CR05229	06/25/08	06/25/08	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CR05253	06/26/08	06/26/08	SM5540 C	
Calcium	10	1.0	"	"	CR05610	07/10/08	07/10/08	200.7/2340B	
Magnesium	4.8	1.0	"	"	"	"	"	"	
Potassium	ND	1.0	"	"	"	"	"	"	
Sodium	2.6	1.0	"	"	"	"	"	"	
Hardness as CaCO3	45	1.0	"	"	"	"	"	"	
pH	6.99	0.01	pH Units	"	CR05214	06/25/08	06/25/08	SM4500-H B	HT-F
Sulfate as SO4	ND	0.50	mg/L	"	CR05243	06/26/08	06/27/08	EPA 300.0	
Total Dissolved Solids	75	10	"	"	CR05260	06/26/08	06/27/08	SM2540C	
<b>WM-17 NBWC (CRF0997-15) Water</b> Sampled: 06/24/08 14:30 Received: 06/25/08 08:00									
Total Alkalinity	80	5.0	mg/L	1	CR05267	06/26/08	06/26/08	SM2310B	
Bicarbonate as CaCO3	80	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	0.63	0.50	"	"	CR05243	06/26/08	06/27/08	EPA 300.0	
Specific Conductance (EC)	160	1.0	µmhos/cm	"	CR05229	06/25/08	06/25/08	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CR05253	06/26/08	06/26/08	SM5540 C	
Calcium	18	1.0	"	"	CR05610	07/10/08	07/10/08	200.7/2340B	
Magnesium	7.6	1.0	"	"	"	"	"	"	
Potassium	1.7	1.0	"	"	"	"	"	"	
Sodium	3.8	1.0	"	"	"	"	"	"	
Hardness as CaCO3	75	1.0	"	"	"	"	"	"	
pH	7.92	0.01	pH Units	"	CR05214	06/25/08	06/25/08	SM4500-H B	HT-F
Sulfate as SO4	0.51	0.50	mg/L	"	CR05243	06/26/08	06/27/08	EPA 300.0	
Total Dissolved Solids	110	10	"	"	CR05260	06/26/08	06/27/08	SM2540C	

CA DOHS ELAP Accreditation/Registration Number 1233

3249 Fitzgerald Road Rancho Cordova, CA 95742

www.californialab.com

916-638-7301

Fax: 916-638-4510

# CALIFORNIA LABORATORY SERVICES

07/11/08 09:08

CRWQCB - Sacramento  
11020 Sun Center Drive, Ste. 200  
Rancho Cordova CA, 95670-6114

Project: Walker Mine  
Project Number: [none]  
Project Manager: Jeff Huggins

CLS Work Order #: CRF0997  
COC #: 74122, 94817

## Metals by EPA 200 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WM-5 LGC M/S (CRF0997-01) Water</b> Sampled: 06/24/08 10:00    Received: 06/25/08 08:00									
Aluminum	25	20	µg/L	1	CR05266	06/26/08	06/27/08	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	ND	1.0	"	"	"	"	"	"	
Iron	440	50	"	"	"	"	"	"	
Zinc	ND	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-3 DC D/S (CRF0997-02) Water</b> Sampled: 06/24/08 10:20    Received: 06/25/08 08:00									
Aluminum	26	20	µg/L	1	CR05266	06/26/08	06/27/08	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	3.6	1.0	"	"	"	"	"	"	
Iron	700	50	"	"	"	"	"	"	
Zinc	3.2	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-19 Settling Pond (CRF0997-03) Water</b> Sampled: 06/24/08 10:30    Received: 06/25/08 08:00									
Aluminum	52	20	µg/L	1	CR05266	06/26/08	06/27/08	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	540	5.0	"	5	"	"	"	"	
Iron	390	50	"	1	"	"	"	"	
Zinc	68	2.0	"	"	"	"	"	"	
Cadmium	0.50	0.50	"	"	"	"	"	"	
<b>WM-1 Portal (CRF0997-04) Water</b> Sampled: 06/24/08 11:00    Received: 06/25/08 08:00									
Aluminum	ND	20	µg/L	1	CR05266	06/26/08	06/27/08	EPA 200.8	
Arsenic	12	2.0	"	"	"	"	"	"	
Copper	110	1.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	"	"	
Zinc	25	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-2 DC M/S (CRF0997-05) Water</b> Sampled: 06/24/08 11:10    Received: 06/25/08 08:00									
Aluminum	ND	20	µg/L	1	CR05266	06/26/08	06/27/08	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	1.5	1.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	"	"	
Zinc	6.7	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-4 DC @ 48" (CRF0997-06) Water</b> Sampled: 06/24/08 11:30    Received: 06/25/08 08:00									
Aluminum	ND	20	µg/L	1	CR05266	06/26/08	06/27/08	EPA 200.8	

CA DOHS ELAP Accreditation/Registration Number 1233

3249 Fitzgerald Road Rancho Cordova, CA 95742

www.californialab.com

916-638-7301

Fax: 916-638-4510

# CALIFORNIA LABORATORY SERVICES

07/11/08 09:08

CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114	Project: Walker Mine Project Number: [none] Project Manager: Jeff Huggins	CLS Work Order #: CRF0997 COC #: 74122, 94817
--	---	--

## Metals by EPA 200 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WM-4 DC @ 48" (CRF0997-06) Water</b> <b>Sampled: 06/24/08 11:30</b> <b>Received: 06/25/08 08:00</b>									
Arsenic	ND	2.0	µg/L	1	CR05266	06/26/08	06/27/08	EPA 200.8	
Copper	9.2	1.0	"	"	"	"	"	"	
Iron	260	50	"	"	"	"	"	"	
Zinc	3.0	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-9 LGC @ BC (CRF0997-07) Water</b> <b>Sampled: 06/24/08 12:00</b> <b>Received: 06/25/08 08:00</b>									
Aluminum	ND	20	µg/L	1	CR05266	06/26/08	06/27/08	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	8.7	1.0	"	"	"	"	"	"	
Iron	540	50	"	"	"	"	"	"	
Zinc	2.9	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-6 MSFS Dam (CRF0997-08) Water</b> <b>Sampled: 06/24/08 12:25</b> <b>Received: 06/25/08 08:00</b>									
Aluminum	ND	20	µg/L	1	CR05266	06/26/08	06/27/08	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	71	1.0	"	"	"	"	"	"	
Iron	1900	50	"	"	"	"	"	"	
Zinc	11	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-70B DC (CRF0997-09) Water</b> <b>Sampled: 06/24/08 12:40</b> <b>Received: 06/25/08 08:00</b>									
Aluminum	52	20	µg/L	1	CR05266	06/26/08	06/27/08	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	13	1.0	"	"	"	"	"	"	
Iron	260	50	"	"	"	"	"	"	
Zinc	3.9	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-70A LGC/DC (CRF0997-10) Water</b> <b>Sampled: 06/24/08 12:45</b> <b>Received: 06/25/08 08:00</b>									
Aluminum	ND	20	µg/L	1	CR05266	06/26/08	06/27/08	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	ND	1.0	"	"	"	"	"	"	
Iron	550	50	"	"	"	"	"	"	
Zinc	2.4	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-70D NSFS Div (CRF0997-11) Water</b> <b>Sampled: 06/24/08 13:00</b> <b>Received: 06/25/08 08:00</b>									
Aluminum	ND	20	µg/L	1	CR05266	06/26/08	06/27/08	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

07/11/08 09:08

CRWQCB - Sacramento  
11020 Sun Center Drive, Ste. 200  
Rancho Cordova CA, 95670-6114

Project: Walker Mine  
Project Number: [none]  
Project Manager: Jeff Huggins

CLS Work Order #: CRF0997  
COC #: 74122, 94817

## Metals by EPA 200 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WM-70D NSFS Div (CRF0997-11) Water</b> Sampled: 06/24/08 13:00 Received: 06/25/08 08:00									
Copper	16	1.0	µg/L	1	CR05266	06/26/08	06/27/08	EPA 200.8	
Iron	390	50	"	"	"	"	"	"	
Zinc	4.8	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-11 SBWC (CRF0997-12) Water</b> Sampled: 06/24/08 13:55 Received: 06/25/08 08:00									
Aluminum	44	20	µg/L	1	CR05266	06/26/08	06/27/08	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	3.4	1.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	"	"	
Zinc	11	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-12 MBWC (CRF0997-13) Water</b> Sampled: 06/24/08 14:05 Received: 06/25/08 08:00									
Aluminum	29	20	µg/L	1	CR05266	06/26/08	06/27/08	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	4.0	1.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	"	"	
Zinc	2.5	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-13 Nye Creek (CRF0997-14) Water</b> Sampled: 06/24/08 14:15 Received: 06/25/08 08:00									
Aluminum	ND	20	µg/L	1	CR05266	06/26/08	06/27/08	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	1.5	1.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	"	"	
Zinc	2.0	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-17 NBWC (CRF0997-15) Water</b> Sampled: 06/24/08 14:30 Received: 06/25/08 08:00									
Aluminum	ND	20	µg/L	1	CR05266	06/26/08	06/27/08	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	ND	1.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	"	"	
Zinc	ND	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	

# CALIFORNIA LABORATORY SERVICES

07/11/08 09:08

CRWQCB - Sacramento  
11020 Sun Center Drive, Ste. 200  
Rancho Cordova CA, 95670-6114

Project: Walker Mine  
Project Number: [none]  
Project Manager: Jeff Huggins

CLS Work Order #: CRF0997  
COC #: 74122, 94817

## Metals (Dissolved) by EPA 200 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WM-5 LGC M/S (CRF0997-01) Water</b> Sampled: 06/24/08 10:00    Received: 06/25/08 08:00									
Aluminum	ND	20	µg/L	1	CR05293	06/27/08	06/30/08	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	ND	2.0	"	"	"	"	"	"	
Iron	260	100	"	2	"	"	"	"	
Zinc	2.4	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-3 DC D/S (CRF0997-02) Water</b> Sampled: 06/24/08 10:20    Received: 06/25/08 08:00									
Aluminum	ND	20	µg/L	1	CR05293	06/27/08	06/30/08	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	ND	2.0	"	"	"	"	"	"	
Iron	260	100	"	2	"	"	"	"	
Zinc	3.1	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-19 Settling Pond (CRF0997-03) Water</b> Sampled: 06/24/08 10:30    Received: 06/25/08 08:00									
Aluminum	ND	20	µg/L	1	CR05293	06/27/08	06/30/08	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	200	2.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	"	"	
Zinc	63	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-1 Portal (CRF0997-04) Water</b> Sampled: 06/24/08 11:00    Received: 06/25/08 08:00									
Aluminum	ND	20	µg/L	1	CR05293	06/27/08	06/30/08	EPA 200.8	
Arsenic	14	5.0	"	"	"	"	"	"	
Copper	92	2.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	"	"	
Zinc	28	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-2 DC M/S (CRF0997-05) Water</b> Sampled: 06/24/08 11:10    Received: 06/25/08 08:00									
Aluminum	ND	20	µg/L	1	CR05293	06/27/08	06/30/08	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	ND	2.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	"	"	
Zinc	2.6	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-4 DC @ 48" (CRF0997-06) Water</b> Sampled: 06/24/08 11:30    Received: 06/25/08 08:00									
Aluminum	ND	20	µg/L	1	CR05293	06/27/08	06/30/08	EPA 200.8	

CA-DOHS-ELAP Accreditation/Registration Number 1233



# CALIFORNIA LABORATORY SERVICES

07/11/08 09:08

CRWQCB - Sacramento  
11020 Sun Center Drive, Ste. 200  
Rancho Cordova CA, 95670-6114

Project: Walker Mine  
Project Number: [none]  
Project Manager: Jeff Huggins

CLS Work Order #: CRF0997  
COC #: 74122, 94817

## Metals (Dissolved) by EPA 200 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WM-4 DC @ 48" (CRF0997-06) Water</b> Sampled: 06/24/08 11:30    Received: 06/25/08 08:00									
Arsenic	ND	5.0	µg/L	1	CR05293	06/27/08	06/30/08	EPA 200.8	
Copper	7.7	2.0	"	"	"	"	"	"	
Iron	160	50	"	"	"	"	"	"	
Zinc	3.0	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-9 LGC @ BC (CRF0997-07) Water</b> Sampled: 06/24/08 12:00    Received: 06/25/08 08:00									
Aluminum	ND	20	µg/L	1	CR05293	06/27/08	06/30/08	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	6.0	2.0	"	"	"	"	"	"	
Iron	310	100	"	2	"	"	"	"	
Zinc	2.5	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-6 MSFS Dam (CRF0997-08) Water</b> Sampled: 06/24/08 12:25    Received: 06/25/08 08:00									
Aluminum	ND	20	µg/L	1	CR05293	06/27/08	06/30/08	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	33	2.0	"	"	"	"	"	"	
Iron	660	250	"	5	"	"	"	"	
Zinc	5.7	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-70B DC (CRF0997-09) Water</b> Sampled: 06/24/08 12:40    Received: 06/25/08 08:00									
Aluminum	ND	20	µg/L	1	CR05293	06/27/08	06/30/08	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	10	2.0	"	"	"	"	"	"	
Iron	140	50	"	"	"	"	"	"	
Zinc	2.5	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-70A LGC/DC (CRF0997-10) Water</b> Sampled: 06/24/08 12:45    Received: 06/25/08 08:00									
Aluminum	ND	20	µg/L	1	CR05293	06/27/08	06/30/08	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	ND	2.0	"	"	"	"	"	"	
Iron	340	100	"	2	"	"	"	"	
Zinc	ND	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-70D NSFS Div (CRF0997-11) Water</b> Sampled: 06/24/08 13:00    Received: 06/25/08 08:00									
Aluminum	ND	20	µg/L	1	CR05293	06/27/08	06/30/08	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	

# CALIFORNIA LABORATORY SERVICES

07/11/08 09:08

CRWQCB - Sacramento  
11020 Sun Center Drive, Ste. 200  
Rancho Cordova CA, 95670-6114

Project: Walker Mine  
Project Number: [none]  
Project Manager: Jeff Huggius

CLS Work Order #: CRF0997  
COC #: 74122, 94817

## Metals (Dissolved) by EPA 200 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WM-70D NSFS Div (CRF0997-11) Water</b> Sampled: 06/24/08 13:00 Received: 06/25/08 08:00									
Copper	14	2.0	µg/L	1	CR05293	06/27/08	06/30/08	EPA 200.8	
Iron	270	100	"	2	"	"	"	"	
Zinc	4.7	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-11 SBWC (CRF0997-12) Water</b> Sampled: 06/24/08 13:55 Received: 06/25/08 08:00									
Aluminum	ND	20	µg/L	1	CR05293	06/27/08	06/30/08	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	2.8	2.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	"	"	
Zinc	13	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-12 MBWC (CRF0997-13) Water</b> Sampled: 06/24/08 14:05 Received: 06/25/08 08:00									
Aluminum	ND	20	µg/L	1	CR05293	06/27/08	06/30/08	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	3.8	2.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	"	"	
Zinc	3.4	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-13 Nye Creek (CRF0997-14) Water</b> Sampled: 06/24/08 14:15 Received: 06/25/08 08:00									
Aluminum	ND	20	µg/L	1	CR05293	06/27/08	06/30/08	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	ND	2.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	"	"	
Zinc	ND	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-17 NBWC (CRF0997-15) Water</b> Sampled: 06/24/08 14:30 Received: 06/25/08 08:00									
Aluminum	ND	20	µg/L	1	CR05293	06/27/08	06/30/08	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	ND	2.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	"	"	
Zinc	ND	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	

# CALIFORNIA LABORATORY SERVICES

07/11/08 09:08

CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114	Project: Walker Mine Project Number: [none] Project Manager: Jeff Huggins	CLS Work Order #: CRF0997 COC #: 74122, 94817
--	---	--

## Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch CR05228 - General Preparation</b>										
<b>Blank (CR05228-BLK1)</b> Prepared & Analyzed: 06/25/08										
Hexavalent Chromium	ND	10	µg/L							
Hexavalent Chromium, Dissolved	ND	10	"							
<b>LCS (CR05228-BS1)</b> Prepared & Analyzed: 06/25/08										
Hexavalent Chromium	262	10	µg/L	250		105	85-115			
Hexavalent Chromium, Dissolved	262	10	"	250		105	80-120			
<b>LCS Dup (CR05228-BS1)</b> Prepared & Analyzed: 06/25/08										
Hexavalent Chromium	263	10	µg/L	250		105	85-115	0.457	20	
Hexavalent Chromium, Dissolved	263	10	"	250		105	80-120	0.457	20	
<b>Matrix Spike (CR05228-MS1)</b> Source: CRF0997-04 Prepared & Analyzed: 06/25/08										
Hexavalent Chromium	256	10	µg/L	250	ND	102	85-115			
Hexavalent Chromium, Dissolved	256	10	"	250	ND	102	80-120			
<b>Matrix Spike Dup (CR05228-MS1)</b> Source: CRF0997-04 Prepared & Analyzed: 06/25/08										
Hexavalent Chromium	271	10	µg/L	250	ND	108	85-115	5.62	20	
Hexavalent Chromium, Dissolved	271	10	"	250	ND	108	80-120	5.62	20	
<b>Batch CR05229 - General Preparation</b>										
<b>Blank (CR05229-BLK1)</b> Prepared & Analyzed: 06/25/08										
Specific Conductance (EC)	ND	1.0	µmhos/cm							
<b>Batch CR05243 - General Prep</b>										
<b>Blank (CR05243-BLK1)</b> Prepared & Analyzed: 06/26/08										
Chloride	ND	0.50	mg/L							
Sulfate as SO4	ND	0.50	"							

# CALIFORNIA LABORATORY SERVICES

07/11/08 09:08

CRWQCB - Sacramento  
11020 Sun Center Drive, Ste. 200  
Rancho Cordova CA, 95670-6114

Project: Walker Mine  
Project Number: [none]  
Project Manager: Jeff Huggins

CLS Work Order #: CRF0997  
COC #: 74122, 94817

## Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch CR05243 - General Prep</b>										
<b>LCS (CR05243-BS1)</b>				Prepared & Analyzed: 06/26/08						
Sulfate as SO4	4.94	0.50	mg/L	5.00		98.7	80-120			
Chloride	1.97	0.50	"	2.00		98.7	80-120			
<b>LCS Dup (CR05243-BSD1)</b>				Prepared & Analyzed: 06/26/08						
Sulfate as SO4	5.02	0.50	mg/L	5.00		100	80-120	1.67	20	
Chloride	2.01	0.50	"	2.00		101	80-120	1.86	20	
<b>Matrix Spike (CR05243-MS1)</b>				Source: CRF0997-01		Prepared & Analyzed: 06/26/08				
Sulfate as SO4	5.17	0.50	mg/L	5.00	0.288	97.7	75-125			
Chloride	2.26	0.50	"	2.00	0.559	84.9	75-125			
<b>Matrix Spike Dup (CR05243-MSD1)</b>				Source: CRF0997-01		Prepared & Analyzed: 06/26/08				
Chloride	2.28	0.50	mg/L	2.00	0.559	86.2	75-125	1.06	25	
Sulfate as SO4	5.21	0.50	"	5.00	0.288	98.4	75-125	0.751	25	
<b>Batch CR05253 - General Preparation</b>										
<b>Blank (CR05253-BLK1)</b>				Prepared & Analyzed: 06/26/08						
Methylene Blue Active Substances	ND	0.10	mg/L							
<b>LCS (CR05253-BS1)</b>				Prepared & Analyzed: 06/26/08						
Methylene Blue Active Substances	0.445	0.10	mg/L	0.500		89.0	80-120			
<b>LCS Dup (CR05253-BSD1)</b>				Prepared & Analyzed: 06/26/08						
Methylene Blue Active Substances	0.461	0.10	mg/L	0.500		92.1	80-120	3.45	20	
<b>Matrix Spike (CR05253-MS1)</b>				Source: CRF0997-01		Prepared & Analyzed: 06/26/08				
Methylene Blue Active Substances	0.463	0.10	mg/L	0.500	ND	92.6	75-125			

CA DOHS-ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

07/11/08 09:08

CRWQCB - Sacramento  
11020 Sun Center Drive, Ste. 200  
Rancho Cordova CA, 95670-6114

Project: Walker Mine  
Project Number: [none]  
Project Manager: Jeff Huggins

CLS Work Order #: CRF0997  
COC #: 74122, 94817

## Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch CR05253 - General Preparation</b>										
<b>Matrix Spike Dup (CR05253-MSD1)</b> Source: CRF0997-01 Prepared & Analyzed: 06/26/08										
Methylene Blue Active Substances	0.482	0.10	mg/L	0.500	ND	96.4	75-125	4.04	25	
<b>Batch CR05260 - General Preparation</b>										
<b>Blank (CR05260-BLK1)</b> Prepared: 06/26/08 Analyzed: 06/27/08										
Total Dissolved Solids	ND	10	mg/L							
<b>Duplicate (CR05260-DUP1)</b> Source: CRF1009-04 Prepared: 06/26/08 Analyzed: 06/27/08										
Total Dissolved Solids	282	10	mg/L		285			1.06	20	
<b>Batch CR05267 - General Preparation</b>										
<b>Blank (CR05267-BLK1)</b> Prepared & Analyzed: 06/26/08										
Total Alkalinity	ND	5.0	mg/L							
Bicarbonate as CaCO <sub>3</sub>	ND	5.0	"							
Carbonate as CaCO <sub>3</sub>	ND	5.0	"							
Hydroxide as CaCO <sub>3</sub>	ND	5.0	"							
<b>Duplicate (CR05267-DUP1)</b> Source: CRF0997-01 Prepared & Analyzed: 06/26/08										
Total Alkalinity	53.4	5.0	mg/L		54.0			1.12	20	
Bicarbonate as CaCO <sub>3</sub>	53.4	5.0	"		54.0			1.12	20	
Carbonate as CaCO <sub>3</sub>	ND	5.0	"		ND				20	
Hydroxide as CaCO <sub>3</sub>	ND	5.0	"		ND				20	
<b>Batch CR05610 - 6010A/No Digestion</b>										
<b>Blank (CR05610-BLK1)</b> Prepared & Analyzed: 07/10/08										
Calcium	ND	1.0	mg/L							
Magnesium	ND	1.0	"							
Potassium	ND	1.0	"							
Sodium	ND	1.0	"							
Hardness as CaCO <sub>3</sub>	ND	1.0	"							

# CALIFORNIA LABORATORY SERVICES

07/11/08 09:08

CRWQCB - Sacramento  
11020 Sun Center Drive, Ste. 200  
Rancho Cordova CA, 95670-6114

Project: Walker Mine  
Project Number: [none]  
Project Manager: Jeff Huggins

CLS Work Order #: CRF0997  
COC #: 74122, 94817

## Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch CR05610 - 6010A/No Digestion</b>										
<b>LCS (CR05610-BS1)</b>					Prepared & Analyzed: 07/10/08					
Calcium	11.0	1.0	mg/L	10.0		110	80-120			
Magnesium	10.6	1.0	"	10.0		106	80-120			
Potassium	11.0	1.0	"	10.0		110	80-120			
Sodium	10.6	1.0	"	10.0		106	80-120			
<b>LCS Dup (CR05610-BSD1)</b>					Prepared & Analyzed: 07/10/08					
Calcium	11.6	1.0	mg/L	10.0		116	80-120	4.78	20	
Magnesium	11.1	1.0	"	10.0		111	80-120	4.61	20	
Potassium	11.5	1.0	"	10.0		115	80-120	4.46	20	
Sodium	11.0	1.0	"	10.0		110	80-120	3.99	20	
<b>Matrix Spike (CR05610-MS1)</b>					Source: CRF0997-01 Prepared & Analyzed: 07/10/08					
Calcium	23.2	1.0	mg/L	10.0	12.3	110	75-125			
Magnesium	15.2	1.0	"	10.0	4.67	105	75-125			
Potassium	12.1	1.0	"	10.0	1.18	109	75-125			
Sodium	14.1	1.0	"	10.0	3.73	104	75-125			
<b>Matrix Spike Dup (CR05610-MSD1)</b>					Source: CRF0997-01 Prepared & Analyzed: 07/10/08					
Calcium	23.1	1.0	mg/L	10.0	12.3	108	75-125	0.562	25	
Magnesium	15.3	1.0	"	10.0	4.67	106	75-125	0.656	25	
Potassium	12.4	1.0	"	10.0	1.18	112	75-125	2.54	25	
Sodium	14.4	1.0	"	10.0	3.73	106	75-125	1.68	25	

# CALIFORNIA LABORATORY SERVICES

07/11/08 09:08

CRWQCB - Sacramento  
11020 Sun Center Drive, Ste. 200  
Rancho Cordova CA, 95670-6114

Project: Walker Mine  
Project Number: [none]  
Project Manager: Jeff Huggins

CLS Work Order #: CRF0997  
COC #: 74122, 94817

## Metals by EPA 200 Series Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch CR05266 - EPA 3020A</b>										
<b>Blank (CR05266-BLK1)</b>										
Prepared: 06/26/08 Analyzed: 06/27/08										
Aluminum	ND	20	µg/L							
Arsenic	ND	2.0	"							
Copper	ND	1.0	"							
Iron	ND	50	"							
Zinc	ND	2.0	"							
Cadmium	ND	0.50	"							
<b>LCS (CR05266-BS1)</b>										
Prepared: 06/26/08 Analyzed: 06/27/08										
Aluminum	97.0	20	µg/L	100		97.0	80-120			
Arsenic	92.0	2.0	"	100		92.0	80-120			
Copper	104	1.0	"	100		104	80-120			
Iron	91.5	50	"	100		91.5	80-120			
Zinc	105	2.0	"	100		105	80-120			
Cadmium	10.2	0.50	"	10.0		102	80-120			
<b>LCS Dup (CR05266-BSD1)</b>										
Prepared: 06/26/08 Analyzed: 06/27/08										
Aluminum	93.9	20	µg/L	100		93.9	80-120	3.21	20	
Arsenic	92.7	2.0	"	100		92.7	80-120	0.791	20	
Copper	94.9	1.0	"	100		94.9	80-120	9.40	20	
Iron	74.8	50	"	100		74.8	80-120	20.1	20	QM-1
Zinc	95.3	2.0	"	100		95.3	80-120	9.41	20	
Cadmium	9.61	0.50	"	10.0		96.1	80-120	6.25	20	
<b>Matrix Spike (CR05266-MS1)</b>										
Source: CRF0997-15 Prepared: 06/26/08 Analyzed: 06/27/08										
Aluminum	100	20	µg/L	100	ND	100	75-125			
Arsenic	104	2.0	"	100	ND	104	75-125			
Copper	98.4	1.0	"	100	0.510	97.9	75-125			
Iron	80.6	50	"	100	ND	80.6	75-125			
Zinc	103	2.0	"	100	1.34	102	75-125			
Cadmium	10.6	0.50	"	10.0	ND	106	75-125			

# CALIFORNIA LABORATORY SERVICES

07/11/08 09:08

CRWQCB - Sacramento  
11020 Sun Center Drive, Ste. 200  
Rancho Cordova CA, 95670-6114

Project: Walker Mine  
Project Number: [none]  
Project Manager: Jeff Huggins

CLS Work Order #: CRF0997  
COC #: 74122, 94817

## Metals by EPA 200 Series Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

### Batch CR05266 - EPA 3020A

Matrix Spike Dup (CR05266-MSD1)	Source: CRF0997-15			Prepared: 06/26/08		Analyzed: 06/27/08				
Aluminum	104	20	µg/L	100	ND	104	75-125	4.32	25	
Arsenic	108	2.0	"	100	ND	108	75-125	4.01	25	
Copper	100	1.0	"	100	0.510	99.8	75-125	1.95	25	
Iron	85.8	50	"	100	ND	85.8	75-125	6.23	25	
Zinc	104	2.0	"	100	1.34	102	75-125	0.367	25	
Cadmium	10.9	0.50	"	10.0	ND	109	75-125	3.06	25	



# CALIFORNIA LABORATORY SERVICES

07/11/08 09:08

CRWQCB - Sacramento  
11020 Sun Center Drive, Ste. 200  
Rancho Cordova CA, 95670-6114

Project: Walker Mine  
Project Number: [none]  
Project Manager: Jeff Huggins

CLS Work Order #: CRF0997  
COC #: 74122, 94817

## Metals (Dissolved) by EPA 200 Series Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch CR05293 - EPA 3020A</b>										
<b>Blank (CR05293-BLK1)</b>										
					Prepared: 06/27/08 Analyzed: 06/30/08					
Aluminum	ND	20	µg/L							
Arsenic	ND	5.0	"							
Copper	ND	2.0	"							
Iron	ND	50	"							
Zinc	ND	2.0	"							
Cadmium	ND	0.50	"							
<b>LCS (CR05293-BS1)</b>										
					Prepared: 06/27/08 Analyzed: 06/30/08					
Aluminum	96.4	20	µg/L	100		96.4	80-120			
Arsenic	110	5.0	"	100		110	80-120			
Copper	111	2.0	"	100		111	80-120			
Iron	105	50	"	100		105	80-120			
Zinc	113	2.0	"	100		113	80-120			
Cadmium	10.5	0.50	"	10.0		105	80-120			
<b>LCS Dup (CR05293-BSD1)</b>										
					Prepared: 06/27/08 Analyzed: 06/30/08					
Aluminum	89.3	20	µg/L	100		89.3	80-120	7.57	20	
Arsenic	105	5.0	"	100		105	80-120	4.47	20	
Copper	107	2.0	"	100		107	80-120	3.61	20	
Iron	100	50	"	100		100	80-120	4.54	20	
Zinc	107	2.0	"	100		107	80-120	5.08	20	
Cadmium	10.5	0.50	"	10.0		105	80-120	0.0949	20	
<b>Matrix Spike (CR05293-MS1)</b>										
					Source: CRF1088-01 Prepared: 06/27/08 Analyzed: 06/30/08					
Aluminum	190	20	µg/L	100	97.2	92.8	75-125			
Arsenic	111	5.0	"	100	ND	111	75-125			
Copper	123	2.0	"	100	16.1	107	75-125			
Iron	1820	50	"	100	1760	55.8	75-125			QM-4X
Zinc	127	2.0	"	100	19.3	108	75-125			
Cadmium	10.6	0.50	"	10.0	ND	106	75-125			

# CALIFORNIA LABORATORY SERVICES

07/11/08 09:08

CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114	Project: Walker Mine Project Number: [none] Project Manager: Jeff Huggins	CLS Work Order #: CRF0997 COC #: 74122, 94817
--	---	--

## Metals (Dissolved) by EPA 200 Series Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch CR05293 - EPA 3020A</b>										
<b>Matrix Spike Dup (CR05293-MSD1)</b>		<b>Source: CRF1088-01</b>		<b>Prepared: 06/27/08</b>		<b>Analyzed: 06/30/08</b>				
Aluminum	185	20	µg/L	100	97.2	88.2	75-125	2.49	25	
Arsenic	108	5.0	"	100	ND	108	75-125	2.92	25	
Copper	123	2.0	"	100	16.1	107	75-125	0.212	25	
Iron	1830	50	"	100	1760	65.4	75-125	0.524	25	QM-4X
Zinc	126	2.0	"	100	19.3	106	75-125	1.37	25	
Cadmium	10.6	0.50	"	10.0	ND	106	75-125	0.567	25	

# CALIFORNIA LABORATORY SERVICES

07/11/08 09:08

CRWQCB - Sacramento  
11020 Sun Center Drive, Ste. 200  
Rancho Cordova CA, 95670-6114

Project: Walker Mine  
Project Number: [none]  
Project Manager: Jeff Huggins

CLS Work Order #: CRF0997  
COC #: 74122, 94817

## Notes and Definitions

- QM-4X The spike recovery was outside of QC acceptance limits for the MS and/or MSD due to analyte concentration at 4 times or greater the spike concentration. The QC batch was accepted based on LCS and/or LCSD recoveries within the acceptance limits.
- QM-1 The spike recovery was outside acceptance limits for the LCS or LCSD. The batch was accepted based on acceptable MS/MSD recoveries & RPD's.
- HT-F This is a field test method and it is performed in the lab outside holding time.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference

## **Exhibit 66**

# CALIFORNIA LABORATORY SERVICES

3249 Fitzgerald Road Rancho Cordova, CA 95742

November 21, 2008

CLS Work Order #: CRK0319  
COC #: 94810,13

Jeff Huggins  
CRWQCB - Sacramento  
11020 Sun Center Drive, Ste. 200  
Rancho Cordova, CA 95670-6114

**Project Name: Walker Mine**

Enclosed are the results of analyses for samples received by the laboratory on 11-10-08 09:40. Samples were analyzed pursuant to client request utilizing EPA or other ELAP approved methodologies. I certify that the results are in compliance both technically and for completeness.

Analytical results are attached to this letter. Please call if we can provide additional assistance.

Sincerely,



James Liang, Ph.D.  
Laboratory Director

CA DOHS ELAP Accreditation/Registration number 1233



**CLS - Labs**

**CHAIN OF CUSTODY**

CLS ID No.: CRK0319

LOG NO: 94813

**REPORT TO:**

NAME AND ADDRESS: Leticia Valadez  
Central Valley Regional Waste Board  
Rancho Cordova, CA 95670  
 PROJECT MANAGER: Jeff Huggins PHONE# 916 464-4639  
 PROJECT NAME: Walter Mine, Plumas County  
 SAMPLED BY: Jeff Huggins/Rob Hall  
 JOB DESCRIPTION: Water Quality Monitoring

**CLIENT JOB NUMBER**

DESTINATION LABORATORY  
 **CLS (916) 638-7301**  
 3249 FITZGERALD RD.  
 RANCHO CORDOVA, CA.  
 95742

**OTHER**

**ANALYSIS REQUESTED**

Bid Group 7 (General Minerals)  
 Bid Group 7 (Metals) (Total)  
 Bid Group 7 (Metals) Dissolve

**GEOTRACKER:**

EDF REPORT  YES  NO

GLOBAL ID: \_\_\_\_\_

COMPOSITE: \_\_\_\_\_

FIELD CONDITIONS: \_\_\_\_\_

**TURN AROUND TIME**

1 DAY  
 2 DAY  
 3 DAY  
 5 DAY  
 10 DAY

**SPECIAL INSTRUCTIONS**

OR  
 ALT. ID:  
 ID:

Please use the following detection limits (or lower)

Cu - 0.001-0.005 ppm  
 Zn - 0.002 ppm  
 Fe - 0.050 ppm  
 Al - 0.020 ppm  
 As - 0.005 ppm

INVOICE TO: \_\_\_\_\_

PO. # \_\_\_\_\_

QUOTE # \_\_\_\_\_

**SUSPECTED CONSTITUENTS**

PRESERVATIVES: (1) HCL (2) HNO3

(3) COLD (4) NACH

(7) =

(5) = H2SO4 (6) = NH3/SO3

**RELINQUISHED BY (SIGN)**

PRINT NAME / COMPANY

DATE / TIME

RECEIVED BY (SIGN)

PRINT NAME / COMPANY

Jeff S. Huggins  
Jeff S. Huggins/RWACB  
11-7-08/2100HRS

**REC'D AT LAB BY:**

DATE / TIME

CONDITIONS / COMMENTS:

DonR 11-10-8 9:40 70C

SHIPPED BY:  FED X

UPS

OTHER

AIR BILL # \_\_\_\_\_

LAB

# CALIFORNIA LABORATORY SERVICES

11-21-08 08:03

CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114	Project: Walker Mine Project Number: PCA 13180 Project Manager: Jeff Huggins	CLS Work Order #: CRK0319 COC #: 94810,13
--	--	--

## Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WM-1 Portal (CRK0319-01) Water</b> Sampled: 11-07-08 09:15    Received: 11-10-08 09:40									
Total Alkalinity	64	5.0	mg/L	1	CR09496	11-11-08	11-11-08	SM2310B	
Bicarbonate as CaCO3	64	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	0.65	0.50	"	"	CR09470	11-11-08	11-11-08	EPA 300.0	
Specific Conductance (EC)	110	1.0	µmhos/cm	"	CR09457	11-10-08	11-10-08	EPA 120.1	
Hexavalent Chromium	ND	10	µg/L	"	CR09454	11-10-08	11-10-08	EPA 7196A	HT-1
Hexavalent Chromium, Dissolved	ND	10	"	"	"	"	"	"	HT-1
Methylene Blue Active Substances	ND	0.10	mg/L	"	CR09493	11-11-08	11-11-08	SM5540 C	HT-1
Calcium	11	1.0	"	"	CR09505	11-11-08	11-12-08	200.7/2340B	
Magnesium	4.6	1.0	"	"	"	"	"	"	
Potassium	ND	1.0	"	"	"	"	"	"	
Sodium	5.3	1.0	"	"	"	"	"	"	
Hardness as CaCO3	46	1.0	"	"	"	"	"	"	
pH	7.51	0.01	pH Units	"	CR09453	11-10-08	11-10-08	SM4500-H B	HT-F
Sulfate as SO4	1.1	0.50	mg/L	"	CR09470	11-11-08	11-11-08	EPA 300.0	
Total Dissolved Solids	86	10	"	"	CR09491	11-11-08	11-13-08	SM2540C	
<b>WM-5 LGC/U/S (CRK0319-02) Water</b> Sampled: 11-07-08 08:40    Received: 11-10-08 09:40									
Total Alkalinity	56	5.0	mg/L	1	CR09496	11-11-08	11-11-08	SM2310B	
Bicarbonate as CaCO3	56	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	2.3	0.50	"	"	CR09470	11-11-08	11-11-08	EPA 300.0	
Specific Conductance (EC)	120	1.0	µmhos/cm	"	CR09457	11-10-08	11-10-08	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CR09493	11-11-08	11-11-08	SM5540 C	HT-1
Calcium	11	1.0	"	"	CR09505	11-11-08	11-12-08	200.7/2340B	
Magnesium	5.3	1.0	"	"	"	"	"	"	
Potassium	1.8	1.0	"	"	"	"	"	"	
Sodium	4.2	1.0	"	"	"	"	"	"	
Hardness as CaCO3	49	1.0	"	"	"	"	"	"	
pH	7.28	0.01	pH Units	"	CR09453	11-10-08	11-10-08	SM4500-H B	HT-F
Sulfate as SO4	ND	0.50	mg/L	"	CR09470	11-11-08	11-11-08	EPA 300.0	

CA DOHS ELAP Accreditation/Registration Number 1233



# CALIFORNIA LABORATORY SERVICES

11-21-08 08:03

CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114	Project: Walker Mine Project Number: PCA 13180 Project Manager: Jeff Huggins	CLS Work Order #: CRK0319 COC #: 94810,13
--	--	--

## Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WM-5 LGC/U/S (CRK0319-02) Water</b> Sampled: 11-07-08 08:40 Received: 11-10-08 09:40									
Total Dissolved Solids	92	10	mg/L	1	CR09491	11-11-08	11-13-08	SM2540C	
<b>WM-3 DC-D/S (CRK0319-03) Water</b> Sampled: 11-07-08 08:53 Received: 11-10-08 09:40									
Total Alkalinity	59	5.0	mg/L	1	CR09496	11-11-08	11-11-08	SM2310B	
Bicarbonate as CaCO3	59	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	1.1	0.50	"	"	CR09470	11-11-08	11-11-08	EPA 300.0	
Specific Conductance (EC)	130	1.0	µmhos/cm	"	CR09457	11-10-08	11-10-08	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CR09493	11-11-08	11-11-08	SM5540 C	HT-1
Calcium	14	1.0	"	"	CR09505	11-11-08	11-12-08	200.7/2340B	
Magnesium	7.0	1.0	"	"	"	"	"	"	
Potassium	1.2	1.0	"	"	"	"	"	"	
Sodium	3.5	1.0	"	"	"	"	"	"	
Hardness as CaCO3	63	1.0	"	"	"	"	"	"	
pH	7.56	0.01	pH Units	"	CR09453	11-10-08	11-10-08	SM4500-HB	HT-F
Sulfate as SO4	5.0	0.50	mg/L	"	CR09470	11-11-08	11-11-08	EPA 300.0	
Total Dissolved Solids	97	10	"	"	CR09491	11-11-08	11-13-08	SM2540C	
<b>WM-2 DC-U/S (CRK0319-04) Water</b> Sampled: 11-07-08 09:25 Received: 11-10-08 09:40									
Total Alkalinity	73	5.0	mg/L	1	CR09496	11-11-08	11-11-08	SM2310B	
Bicarbonate as CaCO3	73	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	0.79	0.50	"	"	CR09470	11-11-08	11-11-08	EPA 300.0	
Specific Conductance (EC)	140	1.0	µmhos/cm	"	CR09457	11-10-08	11-10-08	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CR09493	11-11-08	11-11-08	SM5540 C	HT-1
Calcium	14	1.0	"	"	CR09505	11-11-08	11-12-08	200.7/2340B	
Magnesium	7.9	1.0	"	"	"	"	"	"	
Potassium	1.1	1.0	"	"	"	"	"	"	
Sodium	3.1	1.0	"	"	"	"	"	"	
Hardness as CaCO3	68	1.0	"	"	"	"	"	"	
pH	7.68	0.01	pH Units	"	CR09453	11-10-08	11-10-08	SM4500-HB	HT-F
Sulfate as SO4	ND	0.50	mg/L	"	CR09470	11-11-08	11-11-08	EPA 300.0	

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

11-21-08 08:03

CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114	Project: Walker Mine Project Number: PCA 13180 Project Manager: Jeff Huggins	CLS Work Order #: CRK0319 COC #: 94810,13
--	--	--

## Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WM-2 DC-U/S (CRK0319-04) Water</b> Sampled: 11-07-08 09:25    Received: 11-10-08 09:40									
Total Dissolved Solids	110	10	mg/L	1	CR09491	11-11-08	11-13-08	SM2540C	
<b>WM-19 Pond (CRK0319-05) Water</b> Sampled: 11-07-08 10:45    Received: 11-10-08 09:40									
Total Alkalinity	29	5.0	mg/L	1	CR09496	11-11-08	11-11-08	SM2310B	
Bicarbonate as CaCO3	29	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	0.76	0.50	"	"	CR09470	11-11-08	11-11-08	EPA 300.0	
Specific Conductance (EC)	200	1.0	µmhos/cm	"	CR09457	11-10-08	11-10-08	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CR09493	11-11-08	11-11-08	SM5540 C	HT-1
Calcium	23	1.0	"	"	CR09505	11-11-08	11-12-08	200.7/2340B	
Magnesium	5.9	1.0	"	"	"	"	"	"	
Potassium	2.7	1.0	"	"	"	"	"	"	
Sodium	7.0	1.0	"	"	"	"	"	"	
Hardness as CaCO3	82	1.0	"	"	"	"	"	"	
pH	7.19	0.01	pH Units	"	CR09453	11-10-08	11-10-08	SM4500-HB	HT-F
Sulfate as SO4	69	2.5	mg/L	5	CR09470	11-11-08	11-12-08	EPA 300.0	
Total Dissolved Solids	160	10	"	1	CR09491	11-11-08	11-13-08	SM2540C	
<b>WM-4 48" Culvert (CRK0319-06) Water</b> Sampled: 11-07-08 11:00    Received: 11-10-08 09:40									
Total Alkalinity	61	5.0	mg/L	1	CR09496	11-11-08	11-11-08	SM2310B	
Bicarbonate as CaCO3	61	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	1.1	0.50	"	"	CR09470	11-11-08	11-11-08	EPA 300.0	
Specific Conductance (EC)	130	1.0	µmhos/cm	"	CR09457	11-10-08	11-10-08	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CR09493	11-11-08	11-11-08	SM5540 C	HT-1
Calcium	13	1.0	"	"	CR09505	11-11-08	11-12-08	200.7/2340B	
Magnesium	6.9	1.0	"	"	"	"	"	"	
Potassium	1.2	1.0	"	"	"	"	"	"	
Sodium	3.6	1.0	"	"	"	"	"	"	
Hardness as CaCO3	60	1.0	"	"	"	"	"	"	
pH	7.69	0.01	pH Units	"	CR09453	11-10-08	11-10-08	SM4500-HB	HT-F
Sulfate as SO4	5.0	0.50	mg/L	"	CR09470	11-11-08	11-11-08	EPA 300.0	

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

11-21-08 08:03

CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114	Project: Walker Mine Project Number: PCA 13180 Project Manager: Jeff Huggins	CLS Work Order #: CRK0319 COC #: 94810,13
--	--	--

## Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WM-4 48" Culvert (CRK0319-06) Water</b> Sampled: 11-07-08 11:00 Received: 11-10-08 09:40									
Total Dissolved Solids	100	10	mg/L	1	CR09491	11-11-08	11-13-08	SM2540C	
<b>WM-9 Browns Cabin (CRK0319-07) Water</b> Sampled: 11-07-08 11:20 Received: 11-10-08 09:40									
Total Alkalinity	61	5.0	mg/L	1	CR09496	11-11-08	11-11-08	SM2310B	
Bicarbonate as CaCO3	61	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	1.1	0.50	"	"	CR09470	11-11-08	11-11-08	EPA 300.0	
Specific Conductance (EC)	140	1.0	µmhos/cm	"	CR09457	11-10-08	11-10-08	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CR09493	11-11-08	11-11-08	SM5540 C	HT-1
Calcium	16	1.0	"	"	CR09505	11-11-08	11-12-08	200.7/2340B	
Magnesium	5.6	1.0	"	"	"	"	"	"	
Potassium	2.0	1.0	"	"	"	"	"	"	
Sodium	4.7	1.0	"	"	"	"	"	"	
Hardness as CaCO3	63	1.0	"	"	"	"	"	"	
pH	7.76	0.01	pH Units	"	CR09453	11-10-08	11-10-08	SM4500-HB	HT-F
Sulfate as SO4	12	0.50	mg/L	"	CR09470	11-11-08	11-11-08	EPA 300.0	
Total Dissolved Solids	110	10	"	"	CR09491	11-11-08	11-13-08	SM2540C	
<b>WM-8 LGC Below DC (CRK0319-08) Water</b> Sampled: 11-07-08 11:35 Received: 11-10-08 09:40									
Total Alkalinity	62	5.0	mg/L	1	CR09496	11-11-08	11-11-08	SM2310B	
Bicarbonate as CaCO3	62	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	1.1	0.50	"	"	CR09470	11-11-08	11-11-08	EPA 300.0	
Specific Conductance (EC)	150	1.0	µmhos/cm	"	CR09457	11-10-08	11-10-08	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CR09493	11-11-08	11-11-08	SM5540 C	HT-1
Calcium	15	1.0	"	"	CR09505	11-11-08	11-12-08	200.7/2340B	
Magnesium	5.8	1.0	"	"	"	"	"	"	
Potassium	2.2	1.0	"	"	"	"	"	"	
Sodium	4.5	1.0	"	"	"	"	"	"	
Hardness as CaCO3	62	1.0	"	"	"	"	"	"	
pH	7.67	0.01	pH Units	"	CR09453	11-10-08	11-10-08	SM4500-HB	HT-F
Sulfate as SO4	12	0.50	mg/L	"	CR09470	11-11-08	11-11-08	EPA 300.0	

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

11-21-08 08:03

CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114	Project: Walker Mine Project Number: PCA 13180 Project Manager: Jeff Huggins	CLS Work Order #: CRK0319 COC #: 94810,13
--	--	--

## Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WM-8 LGC Below DC (CRK0319-08) Water</b> Sampled: 11-07-08 11:35    Received: 11-10-08 09:40									
Total Dissolved Solids	110	10	mg/L	1	CR09491	11-11-08	11-13-08	SM2540C	
<b>WM-7 LGC Above DC (CRK0319-09) Water</b> Sampled: 11-07-08 11:45    Received: 11-10-08 09:40									
Total Alkalinity	62	5.0	mg/L	1	CR09496	11-11-08	11-11-08	SM2310B	
Bicarbonate as CaCO3	62	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	1.1	0.50	"	"	CR09470	11-11-08	11-11-08	EPA 300.0	
Specific Conductance (EC)	140	1.0	µmhos/cm	"	CR09457	11-10-08	11-10-08	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CR09493	11-11-08	11-11-08	SM5540 C	HT-1
Calcium	16	1.0	"	"	CR09505	11-11-08	11-12-08	200.7/2340B	
Magnesium	5.5	1.0	"	"	"	"	"	"	
Potassium	2.0	1.0	"	"	"	"	"	"	
Sodium	4.6	1.0	"	"	"	"	"	"	
Hardness as CaCO3	63	1.0	"	"	"	"	"	"	
pH	7.60	0.01	pH Units	"	CR09453	11-10-08	11-10-08	SM4500-HB	HT-F
Sulfate as SO4	12	0.50	mg/L	"	CR09470	11-11-08	11-11-08	EPA 300.0	
Total Dissolved Solids	110	10	"	"	CR09491	11-11-08	11-13-08	SM2540C	
<b>WM-6 USFS Dam (CRK0319-10) Water</b> Sampled: 11-07-08 11:50    Received: 11-10-08 09:40									
Total Alkalinity	69	5.0	mg/L	1	CR09496	11-11-08	11-11-08	SM2310B	
Bicarbonate as CaCO3	69	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	1.0	0.50	"	"	CR09470	11-11-08	11-11-08	EPA 300.0	
Specific Conductance (EC)	160	1.0	µmhos/cm	"	CR09457	11-10-08	11-10-08	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CR09493	11-11-08	11-11-08	SM5540 C	HT-1
Calcium	17	1.0	"	"	CR09505	11-11-08	11-12-08	200.7/2340B	
Magnesium	6.5	1.0	"	"	"	"	"	"	
Potassium	2.4	1.0	"	"	"	"	"	"	
Sodium	4.6	1.0	"	"	"	"	"	"	
Hardness as CaCO3	68	1.0	"	"	"	"	"	"	
pH	7.62	0.01	pH Units	"	CR09453	11-10-08	11-10-08	SM4500-HB	HT-F
Sulfate as SO4	13	0.50	mg/L	"	CR09470	11-11-08	11-11-08	EPA 300.0	

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

11-21-08 08:03

CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114	Project: Walker Mine Project Number: PCA 13180 Project Manager: Jeff Huggins	CLS Work Order #: CRK0319 COC #: 94810,13
--	--	--

## Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WM-6 USFS Dam (CRK0319-10) Water</b> Sampled: 11-07-08 11:50    Received: 11-10-08 09:40									
Total Dissolved Solids	100	10	mg/L	1	CR09491	11-11-08	11-13-08	SM2540C	
<b>WM-7B (CRK0319-11) Water</b> Sampled: 11-07-08 12:05    Received: 11-10-08 09:40									
Total Alkalinity	63	5.0	mg/L	1	CR09496	11-11-08	11-11-08	SM2310B	
Bicarbonate as CaCO3	63	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	1.2	0.50	"	"	CR09470	11-11-08	11-11-08	EPA 300.0	
Specific Conductance (EC)	140	1.0	µmhos/cm	"	CR09457	11-10-08	11-10-08	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CR09493	11-11-08	11-11-08	SM5540 C	HT-1
Calcium	13	1.0	"	"	CR09505	11-11-08	11-12-08	200.7/2340B	
Magnesium	6.4	1.0	"	"	"	"	"	"	
Potassium	1.6	1.0	"	"	"	"	"	"	
Sodium	4.0	1.0	"	"	"	"	"	"	
Hardness as CaCO3	58	1.0	"	"	"	"	"	"	
pH	7.93	0.01	pH Units	"	CR09453	11-10-08	11-10-08	SM4500-HB	HT-F
Sulfate as SO4	6.1	0.50	mg/L	"	CR09470	11-11-08	11-11-08	EPA 300.0	
Total Dissolved Solids	97	10	"	"	CR09491	11-11-08	11-13-08	SM2540C	
<b>WM-7C (CRK0319-12) Water</b> Sampled: 11-07-08 12:10    Received: 11-10-08 09:40									
Total Alkalinity	63	5.0	mg/L	1	CR09496	11-11-08	11-11-08	SM2310B	
Bicarbonate as CaCO3	63	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	1.0	0.50	"	"	CR09470	11-11-08	11-11-08	EPA 300.0	
Specific Conductance (EC)	140	1.0	µmhos/cm	"	CR09457	11-10-08	11-10-08	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CR09493	11-11-08	11-11-08	SM5540 C	HT-1
Calcium	18	1.0	"	"	CR09658	11-17-08	11-18-08	200.7/2340B	
Magnesium	5.1	1.0	"	"	"	"	"	"	
Potassium	1.9	1.0	"	"	"	"	"	"	
Sodium	4.7	1.0	"	"	"	"	"	"	
Hardness as CaCO3	65	1.0	"	"	"	"	"	"	
pH	7.31	0.01	pH Units	"	CR09453	11-10-08	11-10-08	SM4500-HB	HT-F
Sulfate as SO4	9.1	0.50	mg/L	"	CR09470	11-11-08	11-11-08	EPA 300.0	

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

11-21-08 08:03

CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114	Project: Walker Mine Project Number: PCA 13180 Project Manager: Jeff Huggins	CLS Work Order #: CRK0319 COC #: 94810,13
--	--	--

## Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WM-7C (CRK0319-12) Water</b> Sampled: 11-07-08 12:10 Received: 11-10-08 09:40									
Total Dissolved Solids	110	10	mg/L	1	CR09491	11-11-08	11-13-08	SM2540C	
<b>WM-7A (CRK0319-13) Water</b> Sampled: 11-07-08 12:30 Received: 11-10-08 09:40									
Total Alkalinity	65	5.0	mg/L	1	CR09496	11-11-08	11-11-08	SM2310B	
Bicarbonate as CaCO3	65	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	1.1	0.50	"	"	CR09470	11-11-08	11-11-08	EPA 300.0	
Specific Conductance (EC)	140	1.0	µmhos/cm	"	CR09457	11-10-08	11-10-08	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CR09493	11-11-08	11-11-08	SM5540 C	HT-1
Calcium	14	1.0	"	"	CR09658	11-17-08	11-18-08	200.7/2340B	
Magnesium	6.6	1.0	"	"	"	"	"	"	
Potassium	1.3	1.0	"	"	"	"	"	"	
Sodium	3.9	1.0	"	"	"	"	"	"	
Hardness as CaCO3	62	1.0	"	"	"	"	"	"	
pH	7.90	0.01	pH Units	"	CR09453	11-10-08	11-10-08	SM4500-H B	HT-F
Sulfate as SO4	5.8	0.50	mg/L	"	CR09470	11-11-08	11-11-08	EPA 300.0	
Total Dissolved Solids	99	10	"	"	CR09491	11-11-08	11-13-08	SM2540C	
<b>WM-12 MBWC (CRK0319-14) Water</b> Sampled: 11-07-08 13:40 Received: 11-10-08 09:40									
Total Alkalinity	13	5.0	mg/L	1	CR09496	11-11-08	11-11-08	SM2310B	
Bicarbonate as CaCO3	13	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	0.87	0.50	"	"	CR09470	11-11-08	11-11-08	EPA 300.0	
Specific Conductance (EC)	32	1.0	µmhos/cm	"	CR09457	11-10-08	11-10-08	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CR09493	11-11-08	11-11-08	SM5540 C	HT-1
Calcium	2.8	1.0	"	"	CR09658	11-17-08	11-18-08	200.7/2340B	
Magnesium	1.2	1.0	"	"	"	"	"	"	
Potassium	ND	1.0	"	"	"	"	"	"	
Sodium	1.3	1.0	"	"	"	"	"	"	
Hardness as CaCO3	12	1.0	"	"	"	"	"	"	
pH	6.40	0.01	pH Units	"	CR09453	11-10-08	11-10-08	SM4500-H B	HT-F
Sulfate as SO4	ND	0.50	mg/L	"	CR09470	11-11-08	11-11-08	EPA 300.0	

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

11-21-08 08:03

CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114	Project: Walker Mine Project Number: PCA 13180 Project Manager: Jeff Huggins	CLS Work Order #: CRK0319 COC #: 94810,13
--	--	--

## Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WM-12 MBWC (CRK0319-14) Water</b> Sampled: 11-07-08 13:40 Received: 11-10-08 09:40									
Total Dissolved Solids	19	10	mg/L	1	CR09491	11-11-08	11-13-08	SM2540C	
<b>WM-13 Nye Creek (CRK0319-15) Water</b> Sampled: 11-07-08, 13:50 Received: 11-10-08 09:40									
Total Alkalinity	60	5.0	mg/L	1	CR09496	11-11-08	11-11-08	SM2310B	
Bicarbonate as CaCO3	60	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	1.2	0.50	"	"	CR09470	11-11-08	11-11-08	EPA 300.0	
Specific Conductance (EC)	120	1.0	µmhos/cm	"	CR09457	11-10-08	11-10-08	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CR09493	11-11-08	11-11-08	SM5540 C	HT-1
Calcium	13	1.0	"	"	CR09658	11-17-08	11-18-08	200.7/2340B	
Magnesium	6.1	1.0	"	"	"	"	"	"	
Potassium	ND	1.0	"	"	"	"	"	"	
Sodium	2.9	1.0	"	"	"	"	"	"	
Hardness as CaCO3	59	1.0	"	"	"	"	"	"	
pH	6.78	0.01	pH Units	"	CR09453	11-10-08	11-10-08	SM4500-H B	HT-F
Sulfate as SO4	ND	0.50	mg/L	"	CR09470	11-11-08	11-11-08	EPA 300.0	
Total Dissolved Solids	78	10	"	"	CR09491	11-11-08	11-13-08	SM2540C	
<b>WM-17 NBWC (CRK0319-16) Water</b> Sampled: 11-07-08 14:00 Received: 11-10-08 09:40									
Total Alkalinity	79	5.0	mg/L	1	CR09496	11-11-08	11-11-08	SM2310B	
Bicarbonate as CaCO3	79	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	0.73	0.50	"	"	CR09470	11-11-08	11-11-08	EPA 300.0	
Specific Conductance (EC)	150	1.0	µmhos/cm	"	CR09457	11-10-08	11-10-08	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CR09493	11-11-08	11-11-08	SM5540 C	HT-1
Calcium	18	1.0	"	"	CR09658	11-17-08	11-18-08	200.7/2340B	
Magnesium	7.5	1.0	"	"	"	"	"	"	
Potassium	1.8	1.0	"	"	"	"	"	"	
Sodium	3.7	1.0	"	"	"	"	"	"	
Hardness as CaCO3	76	1.0	"	"	"	"	"	"	
pH	7.92	0.01	pH Units	"	CR09453	11-10-08	11-10-08	SM4500-H B	HT-F
Sulfate as SO4	0.62	0.50	mg/L	"	CR09470	11-11-08	11-11-08	EPA 300.0	

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

11-21-08 08:03

CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114	Project: Walker Mine Project Number: PCA 13180 Project Manager: Jeff Huggins	CLS Work Order #: CRK0319 COC #: 94810,13
--	--	--

## Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
WM-17 NBWC (CRK0319-16) Water    Sampled: 11-07-08 14:00    Received: 11-10-08 09:40									
Total Dissolved Solids	110	10'	mg/L	1	CR09491	11-11-08	11-13-08	SM2540C	

CA DOHS ELAP Accreditation/Registration Number 1233



# CALIFORNIA LABORATORY SERVICES

11-21-08 08:03

CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114	Project: Walker Mine Project Number: PCA 13180 Project Manager: Jeff Huggins	CLS Work Order #: CRK0319 COC #: 94810,13
--	--	--

## Metals by EPA 200 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WM-1 Portal (CRK0319-01) Water</b> Sampled: 11-07-08 09:15 Received: 11-10-08 09:40									
Aluminum	ND	20	µg/L	1	CR09497	11-11-08	11-12-08	EPA 200.8	QC-2H
Arsenic	10	2.0	"	"	"	"	"	"	
Copper	97	1.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	"	"	QC-2H
Zinc	23	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-5 LGC/U/S (CRK0319-02) Water</b> Sampled: 11-07-08 08:40 Received: 11-10-08 09:40									
Aluminum	1000	200	µg/L	10	CR09497	11-11-08	11-12-08	EPA 200.8	
Arsenic	ND	2.0	"	1	"	"	"	"	
Copper	ND	1.0	"	"	"	"	"	"	
Iron	990	500	"	10	"	"	"	"	
Zinc	3.0	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-3 DC-D/S (CRK0319-03) Water</b> Sampled: 11-07-08 08:53 Received: 11-10-08 09:40									
Aluminum	190	100	µg/L	5	CR09497	11-11-08	11-12-08	EPA 200.8	
Arsenic	ND	2.0	"	1	"	"	"	"	
Copper	71	1.0	"	"	"	"	"	"	
Iron	500	250	"	5	"	"	"	"	
Zinc	9.3	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-2 DC-U/S (CRK0319-04) Water</b> Sampled: 11-07-08 09:25 Received: 11-10-08 09:40									
Aluminum	ND	20	µg/L	1	CR09497	11-11-08	11-12-08	EPA 200.8	QC-2H
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	ND	1.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	"	"	QC-2H
Zinc	ND	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-19 Pond (CRK0319-05) Water</b> Sampled: 11-07-08 10:45 Received: 11-10-08 09:40									
Aluminum	280	200	µg/L	10	CR09497	11-11-08	11-12-08	EPA 200.8	
Arsenic	ND	2.0	"	1	"	"	"	"	
Copper	1400	10	"	10	"	"	"	"	
Iron	540	500	"	"	"	"	"	"	

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

11-21-08 08:03

CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114	Project: Walker Mine Project Number: PCA 13180 Project Manager: Jeff Huggins	CLS Work Order #: CRK0319 COC #: 94810,13
--	--	--

## Metals by EPA 200 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WM-19 Pond (CRK0319-05) Water</b> Sampled: 11-07-08 10:45 Received: 11-10-08 09:40									
Zinc	98	2.0	µg/L	1	CR09497	"	11-12-08	EPA 200.8	
Cadmium	0.64	0.50	"	"	"	"	"	"	
<b>WM-4 48" Culvert (CRK0319-06) Water</b> Sampled: 11-07-08 11:00 Received: 11-10-08 09:40									
Aluminum	160	40	µg/L	2	CR09497	11-11-08	11-12-08	EPA 200.8	
Arsenic	ND	2.0	"	1	"	"	"	"	
Copper	54	1.0	"	"	"	"	"	"	
Iron	390	100	"	2	"	"	"	"	
Zinc	7.2	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-9 Browns Cabin (CRK0319-07) Water</b> Sampled: 11-07-08 11:20 Received: 11-10-08 09:40									
Aluminum	150	100	µg/L	5	CR09497	11-11-08	11-12-08	EPA 200.8	
Arsenic	ND	2.0	"	1	"	"	"	"	
Copper	14	1.0	"	"	"	"	"	"	
Iron	690	250	"	5	"	"	"	"	
Zinc	2.7	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-8 LGC Below DC (CRK0319-08) Water</b> Sampled: 11-07-08 11:35 Received: 11-10-08 09:40									
Aluminum	170	100	µg/L	5	CR09497	11-11-08	11-12-08	EPA 200.8	
Arsenic	ND	2.0	"	1	"	"	"	"	
Copper	13	1.0	"	"	"	"	"	"	
Iron	750	250	"	5	"	"	"	"	
Zinc	3.2	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-7 LGC Above DC (CRK0319-09) Water</b> Sampled: 11-07-08 11:45 Received: 11-10-08 09:40									
Aluminum	200	100	µg/L	5	CR09497	11-11-08	11-12-08	EPA 200.8	
Arsenic	ND	2.0	"	1	"	"	"	"	
Copper	10	1.0	"	"	"	"	"	"	
Iron	770	250	"	5	"	"	"	"	
Zinc	2.4	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-6 USFS Dam (CRK0319-10) Water</b> Sampled: 11-07-08 11:50 Received: 11-10-08 09:40									

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

11-21-08 08:03

CRWQCB - Sacramento  
11020 Sun Center Drive, Ste. 200  
Rancho Cordova CA, 95670-6114

Project: Walker Mine  
Project Number: PCA 13180  
Project Manager: Jeff Huggins

CLS Work Order #: CRK0319  
COC #: 94810,13

## Metals by EPA 200 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WM-6 USFS Dam (CRK0319-10) Water</b> Sampled: 11-07-08 11:50 Received: 11-10-08 09:40									
Aluminum	ND	20	µg/L	1	CR09497	11-11-08	11-12-08	EPA 200.8	QC-2H
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	37	1.0	"	"	"	"	"	"	
Iron	500	250	"	5	"	"	"	"	
Zinc	7.1	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-7B (CRK0319-11) Water</b> Sampled: 11-07-08 12:05 Received: 11-10-08 09:40									
Aluminum	140	100	µg/L	5	CR09497	11-11-08	11-12-08	EPA 200.8	
Arsenic	ND	2.0	"	1	"	"	"	"	
Copper	40	1.0	"	"	"	"	"	"	
Iron	780	250	"	5	"	"	"	"	
Zinc	4.5	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-7C (CRK0319-12) Water</b> Sampled: 11-07-08 12:10 Received: 11-10-08 09:40									
Aluminum	320	200	µg/L	10	CR09497	11-11-08	11-12-08	EPA 200.8	
Arsenic	ND	2.0	"	1	"	"	"	"	
Copper	ND	1.0	"	"	"	"	"	"	
Iron	1000	500	"	10	"	"	"	"	
Zinc	2.4	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-7A (CRK0319-13) Water</b> Sampled: 11-07-08 12:30 Received: 11-10-08 09:40									
Aluminum	120	100	µg/L	5	CR09497	11-11-08	11-12-08	EPA 200.8	
Arsenic	ND	2.0	"	1	"	"	"	"	
Copper	53	1.0	"	"	"	"	"	"	
Iron	660	250	"	5	"	"	"	"	
Zinc	8.6	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-12 MBWC (CRK0319-14) Water</b> Sampled: 11-07-08 13:40 Received: 11-10-08 09:40									
Aluminum	72	20	µg/L	1	CR09497	11-11-08	11-12-08	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	5.8	1.0	"	"	"	"	"	"	
Iron	61	50	"	"	"	"	"	"	

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

11-21-08 08:03

CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114	Project: Walker Mine Project Number: PCA 13180 Project Manager: Jeff Huggins	CLS Work Order #: CRK0319 COC #: 94810,13
--	--	--

## Metals by EPA 200 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WM-12 MBWC (CRK0319-14) Water</b> Sampled: 11-07-08 13:40 Received: 11-10-08 09:40									
Zinc	2.5	2.0	µg/L	1	CR09497	"	11-12-08	EPA 200.8	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-13 Nye Creek (CRK0319-15) Water</b> Sampled: 11-07-08 13:50 Received: 11-10-08 09:40									
Aluminum	ND	20	µg/L	1	CR09497	11-11-08	11-12-08	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	ND	1.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	"	"	QC-2H
Zinc	2.2	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-17 NBWC (CRK0319-16) Water</b> Sampled: 11-07-08 14:00 Received: 11-10-08 09:40									
Aluminum	ND	20	µg/L	1	CR09497	11-11-08	11-12-08	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	ND	1.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	"	"	QC-2H
Zinc	2.3	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

11-21-08 08:03

CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114	Project: Walker Mine Project Number: PCA 13180 Project Manager: Jeff Huggins	CLS Work Order #: CRK0319 COC #: 94810,13
--	--	--

## Metals (Dissolved) by EPA 200 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WM-1 Portal (CRK0319-01) Water</b> Sampled: 11-07-08 09:15 Received: 11-10-08 09:40									
Aluminum	ND	20	µg/L	1	CR09478	11-11-08	11-12-08	EPA 200.8	
Arsenic	11	5.0	"	"	"	"	"	"	
Copper	91	2.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	"	"	
Zinc	22	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-5 LGC/U/S (CRK0319-02) Water</b> Sampled: 11-07-08 08:40 Received: 11-10-08 09:40									
Aluminum	390	100	µg/L	5	CR09478	11-11-08	11-12-08	EPA 200.8	
Arsenic	ND	5.0	"	1	"	"	"	"	
Copper	ND	2.0	"	"	"	"	"	"	
Iron	400	250	"	5	"	"	"	"	
Zinc	3.1	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-3 DC-D/S (CRK0319-03) Water</b> Sampled: 11-07-08 08:53 Received: 11-10-08 09:40									
Aluminum	110	20	µg/L	1	CR09478	11-11-08	11-12-08	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	50	2.0	"	"	"	"	"	"	
Iron	290	100	"	2	"	"	"	"	
Zinc	8.2	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-2 DC-U/S (CRK0319-04) Water</b> Sampled: 11-07-08 09:25 Received: 11-10-08 09:40									
Aluminum	ND	20	µg/L	1	CR09478	11-11-08	11-12-08	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	ND	2.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	"	"	
Zinc	2.6	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-19 Pond (CRK0319-05) Water</b> Sampled: 11-07-08 10:45 Received: 11-10-08 09:40									
Aluminum	ND	20	µg/L	1	CR09478	11-11-08	11-12-08	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	790	10	"	5	"	"	"	"	
Iron	ND	50	"	1	"	"	"	"	

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

11-21-08 08:03

CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114	Project: Walker Mine Project Number: PCA 13180 Project Manager: Jeff Huggins	CLS Work Order #: CRK0319 COC #: 94810,13
--	--	--

## Metals (Dissolved) by EPA 200 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WM-19 Pond (CRK0319-05) Water</b> Sampled: 11-07-08 10:45 Received: 11-10-08 09:40									
Zinc	91	2.0	µg/L	1	CR09478	"	11-12-08	EPA 200.8	
Cadmium	0.57	0.50	"	"	"	"	"	"	
<b>WM-4 48" Culvert (CRK0319-06) Water</b> Sampled: 11-07-08 11:00 Received: 11-10-08 09:40									
Aluminum	93	20	µg/L	1	CR09478	11-11-08	11-12-08	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	40	2.0	"	"	"	"	"	"	
Iron	280	100	"	2	"	"	"	"	
Zinc	7.1	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-9 Browns Cabin (CRK0319-07) Water</b> Sampled: 11-07-08 11:20 Received: 11-10-08 09:40									
Aluminum	93	20	µg/L	1	CR09478	11-11-08	11-12-08	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	12	2.0	"	"	"	"	"	"	
Iron	520	250	"	5	"	"	"	"	
Zinc	3.6	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-8 LGC Below DC (CRK0319-08) Water</b> Sampled: 11-07-08 11:35 Received: 11-10-08 09:40									
Aluminum	100	20	µg/L	1	CR09478	11-11-08	11-12-08	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	9.3	2.0	"	"	"	"	"	"	
Iron	560	250	"	5	"	"	"	"	
Zinc	2.9	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-7 LGC Above DC (CRK0319-09) Water</b> Sampled: 11-07-08 11:45 Received: 11-10-08 09:40									
Aluminum	110	20	µg/L	1	CR09478	11-11-08	11-12-08	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	8.2	2.0	"	"	"	"	"	"	
Iron	560	250	"	5	"	"	"	"	
Zinc	3.5	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-6 USFS Dam (CRK0319-10) Water</b> Sampled: 11-07-08 11:50 Received: 11-10-08 09:40									

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

11-21-08 08:03

CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114	Project: Walker Mine Project Number: PCA 13180 Project Manager: Jeff Huggins	CLS Work Order #: CRK0319 COC #: 94810,13
--	--	--

## Metals (Dissolved) by EPA 200 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WM-6 USFS Dam (CRK0319-10) Water</b> Sampled: 11-07-08 11:50 Received: 11-10-08 09:40									
Aluminum	ND	20	µg/L	1	CR09478	11-11-08	11-12-08	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	30	2.0	"	"	"	"	"	"	
Iron	370	100	"	2	"	"	"	"	
Zinc	6.7	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-7B (CRK0319-11) Water</b> Sampled: 11-07-08 12:05 Received: 11-10-08 09:40									
Aluminum	71	20	µg/L	1	CR09478	11-11-08	11-12-08	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	34	2.0	"	"	"	"	"	"	
Iron	460	250	"	5	"	"	"	"	
Zinc	5.1	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-7C (CRK0319-12) Water</b> Sampled: 11-07-08 12:10 Received: 11-10-08 09:40									
Aluminum	160	20	µg/L	1	CR09478	11-11-08	11-12-08	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	ND	2.0	"	"	"	"	"	"	
Iron	580	250	"	5	"	"	"	"	
Zinc	3.2	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-7A (CRK0319-13) Water</b> Sampled: 11-07-08 12:30 Received: 11-10-08 09:40									
Aluminum	73	20	µg/L	1	CR09478	11-11-08	11-12-08	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	43	2.0	"	"	"	"	"	"	
Iron	540	250	"	5	"	"	"	"	
Zinc	7.3	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-12 MBWC (CRK0319-14) Water</b> Sampled: 11-07-08 13:40 Received: 11-10-08 09:40									
Aluminum	47	20	µg/L	1	CR09478	11-11-08	11-12-08	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	5.2	2.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	"	"	

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

11-21-08 08:03

CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114	Project: Walker Mine Project Number: PCA 13180 Project Manager: Jeff Huggins	CLS Work Order #: CRK0319 COC #: 94810,13
--	--	--

## Metals (Dissolved) by EPA 200 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WM-12 MBWC (CRK0319-14) Water</b> Sampled: 11-07-08 13:40    Received: 11-10-08 09:40									
Zinc	3.7	2.0	µg/L	1	CR09478	"	11-12-08	EPA 200.8	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-13 Nye Creek (CRK0319-15) Water</b> Sampled: 11-07-08 13:50    Received: 11-10-08 09:40									
Aluminum	ND	20	µg/L	1	CR09478	11-11-08	11-12-08	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	ND	2.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	"	"	
Zinc	3.2	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-17 NBWC (CRK0319-16) Water</b> Sampled: 11-07-08 14:00    Received: 11-10-08 09:40									
Aluminum	ND	20	µg/L	1	CR09478	11-11-08	11-12-08	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	ND	2.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	"	"	
Zinc	2.1	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	

CA DOHS ELAP Accreditation/Registration Number 1233



# CALIFORNIA LABORATORY SERVICES

11-21-08 08:03

CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114	Project: Walker Mine Project Number: PCA 13180 Project Manager: Jeff Huggins	CLS Work Order #: CRK0319 COC #: 94810,13
--	--	--

## Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch CR09454 - General Preparation</b>										
<b>Blank (CR09454-BLK1)</b> Prepared & Analyzed: 11-10-08										
Hexavalent Chromium	ND	10	µg/L							
Hexavalent Chromium, Dissolved	ND	10	"							
<b>LCS (CR09454-BS1)</b> Prepared & Analyzed: 11-10-08										
Hexavalent Chromium	275	10	µg/L	250		110	85-115			
Hexavalent Chromium, Dissolved	275	10	"	250		110	80-120			
<b>LCS Dup (CR09454-BSD1)</b> Prepared & Analyzed: 11-10-08										
Hexavalent Chromium	285	10	µg/L	250		114	85-115	3	20	
Hexavalent Chromium, Dissolved	285	10	"	250		114	80-120	3	20	
<b>Matrix Spike (CR09454-MS1)</b> Source: CRK0319-01 Prepared & Analyzed: 11-10-08										
Hexavalent Chromium	274	10	µg/L	250	ND	110	85-115			
Hexavalent Chromium, Dissolved	274	10	"	250	ND	110	80-120			
<b>Matrix Spike Dup (CR09454-MSD1)</b> Source: CRK0319-01 Prepared & Analyzed: 11-10-08										
Hexavalent Chromium	274	10	µg/L	250	ND	110	85-115	0	20	
Hexavalent Chromium, Dissolved	274	10	"	250	ND	110	80-120	0	20	
<b>Batch CR09457 - General Preparation</b>										
<b>Blank (CR09457-BLK1)</b> Prepared & Analyzed: 11-10-08										
Specific Conductance (EC)	ND		1.0 µmhos/cm							
<b>Batch CR09470 - General Prep</b>										
<b>Blank (CR09470-BLK1)</b> Prepared & Analyzed: 11-11-08										
Sulfate as SO4	ND	0.50	mg/L							
Chloride	ND	0.50	"							

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

11-21-08 08:03

CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114	Project: Walker Mine Project Number: PCA 13180 Project Manager: Jeff Huggins	CLS Work Order #: CRK0319 COC #: 94810,13
--	--	--

## Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch CR09470 - General Prep</b>										
<b>LCS (CR09470-BS1)</b>				Prepared & Analyzed: 11-11-08						
Sulfate as SO4	5.28	0.50	mg/L	5.00		106	80-120			
Chloride	1.97	0.50	"	2.00		99	80-120			
<b>LCS Dup (CR09470-BSD1)</b>				Prepared & Analyzed: 11-11-08						
Chloride	1.97	0.50	mg/L	2.00		99	80-120	0.2	20	
Sulfate as SO4	5.18	0.50	"	5.00		104	80-120	2	20	
<b>Matrix Spike (CR09470-MS1)</b>				Source: CRK0322-01		Prepared & Analyzed: 11-11-08				
Chloride	48.5	0.50	mg/L	2.00	48.9	NR	75-125			QM-4X
Sulfate as SO4	43.5	0.50	"	5.00	39.7	75	75-125			
<b>Matrix Spike Dup (CR09470-MSD1)</b>				Source: CRK0322-01		Prepared & Analyzed: 11-11-08				
Chloride	48.4	0.50	mg/L	2.00	48.9	NR	75-125	0.2	25	QM-4X
Sulfate as SO4	43.7	0.50	"	5.00	39.7	80	75-125	0.6	25	
<b>Batch CR09491 - General Preparation</b>										
<b>Blank (CR09491-BLK1)</b>				Prepared: 11-11-08 Analyzed: 11-13-08						
Total Dissolved Solids	ND	10	mg/L							
<b>Duplicate (CR09491-DUP1)</b>				Source: CRK0326-03		Prepared: 11-11-08 Analyzed: 11-13-08				
Total Dissolved Solids	566	10	mg/L		566			0	20	
<b>Batch CR09493 - General Preparation</b>										
<b>Blank (CR09493-BLK1)</b>				Prepared & Analyzed: 11-11-08						
Methylene Blue Active Substances	ND	0.10	mg/L							

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

11-21-08 08:03

CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114	Project: Walker Mine Project Number: PCA 13180 Project Manager: Jeff Huggins	CLS Work Order #: CRK0319 COC #: 94810,13
--	--	--

## Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	-----------	--------	-----	-----------	-------

### Batch CR09493 - General Preparation

<b>LCS (CR09493-BS1)</b>				Prepared & Analyzed: 11-11-08						
Methylene Blue Active Substances	0.489	0.10	mg/L	0.500		98	80-120			
<b>LCS Dup (CR09493-BSD1)</b>				Prepared & Analyzed: 11-11-08						
Methylene Blue Active Substances	0.498	0.10	mg/L	0.500		100	80-120	2	20	
<b>Matrix Spike (CR09493-MS1)</b>				Source: CRK0333-01		Prepared & Analyzed: 11-11-08				
Methylene Blue Active Substances	0.503	0.10	mg/L	0.500	ND	101	75-125			
<b>Matrix Spike Dup (CR09493-MSD1)</b>				Source: CRK0333-01		Prepared & Analyzed: 11-11-08				
Methylene Blue Active Substances	0.499	0.10	mg/L	0.500	ND	100	75-125	0.8	25	

### Batch CR09496 - General Preparation

<b>Blank (CR09496-BLK1)</b>				Prepared & Analyzed: 11-11-08						
Total Alkalinity	ND	5.0	mg/L							
Bicarbonate as CaCO3	ND	5.0	"							
Carbonate as CaCO3	ND	5.0	"							
Hydroxide as CaCO3	ND	5.0	"							
<b>Duplicate (CR09496-DUP1)</b>				Source: CRK0319-08		Prepared & Analyzed: 11-11-08				
Total Alkalinity	62.2	5.0	mg/L		61.8			0.6	20	
Bicarbonate as CaCO3	62.2	5.0	"		61.8			0.6	20	
Carbonate as CaCO3	ND	5.0	"		ND				20	
Hydroxide as CaCO3	ND	5.0	"		ND				20	

### Batch CR09505 - 6010A/No Digestion

<b>Blank (CR09505-BLK1)</b>				Prepared: 11-11-08 Analyzed: 11-12-08						
Calcium	ND	1.0	mg/L							
Magnesium	ND	1.0	"							
Potassium	ND	1.0	"							
Sodium	ND	1.0	"							
Hardness as CaCO3	ND	1.0	"							

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

11-21-08 08:03

CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114	Project: Walker Mine Project Number: PCA 13180 Project Manager: Jeff Huggins	CLS Work Order #: CRK0319 COC #: 94810,13
--	--	--

## Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limit	RPD	RPD Limit	Notes
<b>Batch CR09505 - 6010A/No Digestion</b>										
<b>LCS (CR09505-BS1)</b>				Prepared: 11-11-08 Analyzed: 11-12-08						
Calcium	9.36	1.0	mg/L	10.0		94	80-120			
Magnesium	9.11	1.0	"	10.0		91	80-120			
Potassium	9.35	1.0	"	10.0		93	80-120			
Sodium	9.28	1.0	"	10.0		93	80-120			
<b>LCS Dup (CR09505-BSD1)</b>				Prepared: 11-11-08 Analyzed: 11-12-08						
Calcium	9.49	1.0	mg/L	10.0		95	80-120	1	20	
Magnesium	9.24	1.0	"	10.0		92	80-120	1	20	
Potassium	9.55	1.0	"	10.0		96	80-120	2	20	
Sodium	9.41	1.0	"	10.0		94	80-120	1	20	
<b>Matrix Spike (CR09505-MS1)</b>				Source: CRK0237-01		Prepared: 11-11-08 Analyzed: 11-12-08				
Calcium	198	1.0	mg/L	10.0	198	1	75-125			QM-4X
Magnesium	69.5	1.0	"	10.0	63.7	58	75-125			QM-4X
Potassium	12.3	1.0	"	10.0	3.21	90	75-125			
Sodium	89.8	1.0	"	10.0	85.2	47	75-125			QM-4X
<b>Matrix Spike Dup (CR09505-MSD1)</b>				Source: CRK0237-01		Prepared: 11-11-08 Analyzed: 11-12-08				
Calcium	202	1.0	mg/L	10.0	198	42	75-125	2	25	QM-4X
Magnesium	71.5	1.0	"	10.0	63.7	78	75-125	3	25	
Potassium	13.0	1.0	"	10.0	3.21	98	75-125	6	25	
Sodium	93.2	1.0	"	10.0	85.2	81	75-125	4	25	
<b>Batch CR09658 - 6010A/No Digestion</b>										
<b>Blank (CR09658-BLK1)</b>				Prepared: 11-17-08 Analyzed: 11-18-08						
Calcium	ND	1.0	mg/L							
Magnesium	ND	1.0	"							
Potassium	ND	1.0	"							
Sodium	ND	1.0	"							
Hardness as CaCO3	ND	1.0	"							

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

11-21-08 08:03

CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114	Project: Walker Mine Project Number: PCA 13180 Project Manager: Jeff Huggins	CLS Work Order #: CRK0319 COC #: 94810,13
--	--	--

## Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch CR09658 - 6010A/No Digestion</b>										
<b>LCS (CR09658-BS1)</b>				Prepared: 11-17-08 Analyzed: 11-18-08						
Calcium	9.18	1.0	mg/L	10.0		92	80-120			
Magnesium	8.85	1.0	"	10.0		88	80-120			
Potassium	9.30	1.0	"	10.0		93	80-120			
Sodium	9.09	1.0	"	10.0		91	80-120			
<b>LCS Dup (CR09658-BS1)</b>				Prepared: 11-17-08 Analyzed: 11-18-08						
Calcium	9.25	1.0	mg/L	10.0		93	80-120	0.8	20	
Magnesium	8.90	1.0	"	10.0		89	80-120	0.6	20	
Potassium	9.47	1.0	"	10.0		95	80-120	2	20	
Sodium	9.17	1.0	"	10.0		92	80-120	0.9	20	
<b>Matrix Spike (CR09658-MS1)</b>				Source: CRK0325-01		Prepared: 11-17-08 Analyzed: 11-18-08				
Calcium	82.0	1.0	mg/L	10.0	74.9	70	75-125			QM-4X
Magnesium	172	1.0	"	10.0	170	20	75-125			QM-4X
Potassium	42.3	1.0	"	10.0	35.0	73	75-125			QM-7
Sodium	127	1.0	"	10.0	122	48	75-125			QM-4X
<b>Matrix Spike Dup (CR09658-MSD1)</b>				Source: CRK0325-01		Prepared: 11-17-08 Analyzed: 11-18-08				
Calcium	81.0	1.0	mg/L	10.0	74.9	61	75-125	1	25	QM-4X
Magnesium	170	1.0	"	10.0	170	0	75-125	1	25	QM-4X
Potassium	41.7	1.0	"	10.0	35.0	67	75-125	1	25	QM-7
Sodium	126	1.0	"	10.0	122	34	75-125	1	25	QM-4X

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

11-21-08 08:03

CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114	Project: Walker Mine Project Number: PCA 13180 Project Manager: Jeff Huggins	CLS Work Order #: CRK0319 COC #: 94810,13
--	--	--

## Metals by EPA 200 Series Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limit	RPD	RPD Limit	Notes
<b>Batch CR09497 - EPA 3020A</b>										
<b>Blank (CR09497-BLK1)</b>										
					Prepared: 11-11-08 Analyzed: 11-12-08					
Aluminum	ND	20	µg/L							
Arsenic	ND	2.0	"							
Copper	ND	1.0	"							
Iron	ND	50	"							
Zinc	ND	2.0	"							
Cadmium	ND	0.50	"							
<b>LCS (CR09497-BS1)</b>										
					Prepared: 11-11-08 Analyzed: 11-12-08					
Aluminum	106	20	µg/L	100		106	80-120			
Arsenic	104	2.0	"	100		104	80-120			
Copper	102	1.0	"	100		102	80-120			
Iron	89.1	50	"	100		89	80-120			
Zinc	102	2.0	"	100		102	80-120			
Cadmium	10.5	0.50	"	10.0		105	80-120			
<b>LCS Dup (CR09497-BSD1)</b>										
					Prepared: 11-11-08 Analyzed: 11-12-08					
Aluminum	110	20	µg/L	100		110	80-120	3	20	
Arsenic	104	2.0	"	100		104	80-120	0.5	20	
Copper	104	1.0	"	100		104	80-120	2	20	
Iron	100	50	"	100		100	80-120	12	20	
Zinc	106	2.0	"	100		106	80-120	4	20	
Cadmium	10.9	0.50	"	10.0		109	80-120	4	20	
<b>Matrix Spike (CR09497-MS1)</b>										
			Source: CRK0319-01		Prepared: 11-11-08 Analyzed: 11-12-08					
Aluminum	113	20	µg/L	100	ND	113	75-125			
Arsenic	116	2.0	"	100	10.3	105	75-125			
Copper	196	1.0	"	100	97.4	99	75-125			
Iron	146	50	"	100	ND	146	75-125			QM-7
Zinc	121	2.0	"	100	22.7	99	75-125			
Cadmium	10.8	0.50	"	10.0	ND	108	75-125			

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

11-21-08 08:03

CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114	Project: Walker Mine Project Number: PCA 13180 Project Manager: Jeff Huggins	CLS Work Order #: CRK0319 COC #: 94810,13
--	--	--

## Metals by EPA 200 Series Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch CR09497 - EPA 3020A</b>										
<b>Matrix Spike Dup (CR09497-MSD1)</b>		<b>Source: CRK0319-01</b>			<b>Prepared: 11-11-08 Analyzed: 11-12-08</b>					
Aluminum	111	20	µg/L	100	ND	111	75-125	2	25	
Arsenic	113	2.0	"	100	10.3	103	75-125	2	25	
Copper	192	1.0	"	100	97.4	94	75-125	2	25	
Iron	178	50	"	100	ND	178	75-125	19	25	QM-7
Zinc	116	2.0	"	100	22.7	93	75-125	5	25	
Cadmium	10.5	0.50	"	10.0	ND	105	75-125	3	25	

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

11-21-08 08:03

CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114	Project: Walker Mine Project Number: PCA 13180 Project Manager: Jeff Huggins	CLS Work Order #: CRK0319 COC #: 94810,13
--	--	--

## Metals (Dissolved) by EPA 200 Series Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limit	RPD	RPD Limit	Notes
<b>Batch CR09478 - EPA 3020A</b>										
<b>Blank (CR09478-BLK1)</b>										
					Prepared: 11-11-08 Analyzed: 11-12-08					
Aluminum	ND	20	µg/L							
Arsenic	ND	5.0	"							
Copper	ND	2.0	"							
Iron	ND	50	"							
Zinc	ND	2.0	"							
Cadmium	ND	0.50	"							
<b>LCS (CR09478-BS1)</b>										
					Prepared: 11-11-08 Analyzed: 11-12-08					
Aluminum	113	20	µg/L	100		113	80-120			
Arsenic	107	5.0	"	100		107	80-120			
Copper	109	2.0	"	100		109	80-120			
Iron	129	50	"	100		129	80-120			QM-1
Zinc	104	2.0	"	100		104	80-120			
Cadmium	11.0	0.50	"	10.0		110	80-120			
<b>LCS Dup (CR09478-BSD1)</b>										
					Prepared: 11-11-08 Analyzed: 11-12-08					
Aluminum	109	20	µg/L	100		109	80-120	4	20	
Arsenic	106	5.0	"	100		106	80-120	1	20	
Copper	107	2.0	"	100		107	80-120	2	20	
Iron	114	50	"	100		114	80-120	13	20	
Zinc	105	2.0	"	100		105	80-120	0.06	20	
Cadmium	10.8	0.50	"	10.0		108	80-120	1	20	
<b>Matrix Spike (CR09478-MS1)</b>										
			Source: CRK0319-16		Prepared: 11-11-08 Analyzed: 11-12-08					
Aluminum	105	20	µg/L	100	ND	105	75-125			
Arsenic	109	5.0	"	100	ND	109	75-125			
Copper	104	2.0	"	100	ND	104	75-125			
Iron	97.1	50	"	100	ND	97	75-125			
Zinc	110	2.0	"	100	2.10	108	75-125			
Cadmium	11.2	0.50	"	10.0	ND	112	75-125			

CA DOHS ELAP Accreditation/Registration Number 1233



# CALIFORNIA LABORATORY SERVICES

11-21-08 08:03

CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114	Project: Walker Mine Project Number: PCA I3180 Project Manager: Jeff Huggins	CLS Work Order #: CRK0319 COC #: 94810,13
--	--	--

## Metals (Dissolved) by EPA 200 Series Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

### Batch CR09478 - EPA 3020A

Matrix Spike Dup (CR09478-MSD1)	Source: CRK0319-16		Prepared: 11-11-08		Analyzed: 11-12-08					
Aluminum	108	20	µg/L	100	ND	108	75-125	2	25	
Arsenic	108	5.0	"	100	ND	108	75-125	0.6	25	
Copper	101	2.0	"	100	ND	101	75-125	3	25	
Iron	98.0	50	"	100	ND	98	75-125	1	25	
Zinc	104	2.0	"	100	2.10	102	75-125	5	25	
Cadmium	10.9	0.50	"	10.0	ND	109	75-125	3	25	

# CALIFORNIA LABORATORY SERVICES

11-21-08 08:03

CRWQCB - Sacramento  
11020 Sun Center Drive, Ste. 200  
Rancho Cordova CA, 95670-6114

Project: Walker Mine  
Project Number: PCA 13180  
Project Manager: Jeff Huggins

CLS Work Order #: CRK0319  
COC #: 94810,13

## Notes and Definitions

- QM-7 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS/LCSD recovery.
- QM-4X The spike recovery was outside of QC acceptance limits for the MS and/or MSD due to analyte concentration at 4 times or greater the spike concentration. The QC batch was accepted based on LCS and/or LCSD recoveries within the acceptance limits.
- QM-1 The spike recovery was outside acceptance limits for the LCS or LCSD. The batch was accepted based on acceptable MS/MSD recoveries & RPD's.
- QC-2H The recovery of one CCV was greater than the acceptance limit. However, all analytes in the associated samples were ND; therefore a reanalysis was not performed.
- HT-F This is a field test method and it is performed in the lab outside holding time.
- HT-1 The sample was received outside of the EPA recommended holding time.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference

## **Exhibit 67**

# CALIFORNIA LABORATORY SERVICES

3249 Fitzgerald Road Rancho Cordova, CA 95742

July 09, 2009

CLS Work Order #: CSF0869  
COC #: 94811,83105


Jeff Huggins  
CRWQCB - Sacramento  
11020 Sun Center Drive, Ste. 200  
Rancho Cordova, CA 95670-6114

**Project Name: Walker Mine**

Enclosed are the results of analyses for samples received by the laboratory on 06/19/09 08:00. Samples were analyzed pursuant to client request utilizing EPA or other ELAP approved methodologies. I certify that the results are in compliance both technically and for completeness.

Analytical results are attached to this letter. Please call if we can provide additional assistance.

Sincerely,



James Liang, Ph.D.  
Laboratory Director

CA DOHS ELAP Accreditation/Registration number 1233

**CLS - Labs**

CHAIN OF CUSTODY

CLS ID No.: *CF0869*

LOG NO. 94811

1 of 2

REPORT TO:		CLIENT JOB NUMBER		ANALYSIS REQUESTED		GEOTRACKER:					
NAME AND ADDRESS <i>Leticia Valadez Central Valley Regional Water Board Rancho Cordova, CA 95670</i>		DESTINATION LABORATORY <input type="checkbox"/> CLS (916) 638-7301 3248 FITZGERALD RD. RANCHO CORDOVA, CA. 95742		PRESERVATIVES		EDF REPORT <input type="checkbox"/> YES <input type="checkbox"/> NO					
PROJECT MANAGER <i>Jeff Huggins (916) 464-4639</i>		<input type="checkbox"/> OTHER		Bid Group 7. Metals (Total)		GLOBAL ID:					
PROJECT NAME <i>Walker Mine</i>				Bid Group 7. Metals (Dissolve)		COMPOSITE:					
SAMPLED BY <i>Jeff Huggins/Rob Hall</i>				Bid Group 7. Metals (Total)		FIELD CONDITIONS:					
JOB DESCRIPTION <i>Water Quality Monitoring</i>				Bid Group 7. Metals (Total)		TURN AROUND TIME					
SITE LOCATION <i>Plumas County</i>				Bid Group 7. Metals (Total)		SPECIAL INSTRUCTIONS					
DATE	TIME	SAMPLE IDENTIFICATION	MATRIX	CONTAINER NO.	TYPE	1 DAY	2 DAY	5 DAY	10 DAY	OR	ALT. ID:
6-18-09	9:45	WM-5 LGC/LHS	Water	3	Plastic						
10:00		WM-3 DC-Downstream									
10:30		WM-1 Portal									
10:50		<del>WM-1</del>									
12:45		WM-2 DC-Upstream									
12:00		WM-4 @ 48' Culvert									
12:20		WM-9 Browns Cabin									
13:05		WM-6 - USFS Dam									
13:00		WM-7 - LGC above DC									
12:25		WM-7A - DC above new USFS Realignment									
13:40		WM-7B - DC Realignment above LGC									
13:45		WM-7C - LGC above DC Realignment									
14:00		WM-8 - LGC below DC									
SUSPECTED CONSTITUENTS											
PRESERVATIVES: (1) HCL (2) HNO <sub>3</sub> (3) = COLD (4) = NICH (5) = H <sub>2</sub> SO <sub>4</sub> (6) = Na <sub>2</sub> S <sub>2</sub> O <sub>8</sub> (7) =											
RELINQUISHED BY (SIGN)		PRINT NAME / COMPANY		DATE / TIME		RECEIVED BY (SIGN)		PRINT NAME / COMPANY			
<i>Jeff Huggins</i>		Jeff Huggins - RWOCB		6/19/09 8:00am							
<i>Rob Hall</i>		Rob Hall		6/19/09							
CONDITIONS / COMMENTS: <i>408pc</i>											
SHIPPED BY: <input type="checkbox"/> FED X <input type="checkbox"/> UPS <input type="checkbox"/> OTHER <input type="checkbox"/> AIR BILL #											

*Please run following detection limits for metals*

*Need low detection limits for Metals*

*Note: for WM-1 Portal Sample please run Ca-6 Total & dissolved in addition to the other COLS.*

*Invoice to:*

*PO #*

*QUOTE #*

*PREPARED BY*

*DATE*

*TIME*

*RECEIVED BY*

*PRINT NAME / COMPANY*

*DATE / TIME*

*CONDITIONS / COMMENTS*

*SHIPPED BY*

*FED X*

*UPS*

*OTHER*

*AIR BILL #*



# CALIFORNIA LABORATORY SERVICES

07/09/09 08:08

CRWQCB - Sacramento  
11020 Sun Center Drive, Ste. 200  
Rancho Cordova CA, 95670-6114

Project: Walker Mine  
Project Number: [none]  
Project Manager: Jeff Huggins

CLS Work Order #: CSF0869  
COC #: 94811,83105

## Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WM-5 (LGC/MIS) (CSF0869-01) Water</b> Sampled: 06/18/09 09:45 Received: 06/19/09 08:00									
Total Alkalinity	44	5.0	mg/L	1	CS04589	06/19/09	06/19/09	SM2310B	
Bicarbonate as CaCO3	44	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	0.76	0.50	"	"	CS04624	06/22/09	06/22/09	EPA 300.0	
Specific Conductance (EC)	82	1.0	µmhos/cm	"	CS04605	06/22/09	06/22/09	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CS04588	06/19/09	06/19/09	SM5540 C	
Calcium	7.3	1.0	"	"	CS04674	06/27/09	06/27/09	200.7/2340B	
Magnesium	2.7	1.0	"	"	"	"	"	"	
Potassium	ND	1.0	"	"	"	"	"	"	
Sodium	3.0	1.0	"	"	"	"	"	"	
Hardness as CaCO3	30	1.0	"	"	"	"	"	"	
pH	7.01	0.01	pH Units	"	CS04566	06/19/09	06/19/09	SM4500-H B	HT-F
Sulfate as SO4	ND	0.50	mg/L	"	CS04624	06/22/09	06/22/09	EPA 300.0	
Total Dissolved Solids	68	10	"	"	CS04623	06/22/09	06/23/09	SM2540C	
<b>WM-3 (DC-Downstream) (CSF0869-02) Water</b> Sampled: 06/18/09 10:00 Received: 06/19/09 08:00									
Total Alkalinity	61	5.0	mg/L	1	CS04589	06/19/09	06/19/09	SM2310B	
Bicarbonate as CaCO3	61	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	0.77	0.50	"	"	CS04624	06/22/09	06/22/09	EPA 300.0	
Specific Conductance (EC)	120	1.0	µmhos/cm	"	CS04605	06/22/09	06/22/09	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CS04588	06/19/09	06/19/09	SM5540 C	
Calcium	11	1.0	"	"	CS04674	06/27/09	06/27/09	200.7/2340B	
Magnesium	5.4	1.0	"	"	"	"	"	"	
Potassium	ND	1.0	"	"	"	"	"	"	
Sodium	2.5	1.0	"	"	"	"	"	"	
Hardness as CaCO3	49	1.0	"	"	"	"	"	"	
pH	7.23	0.01	pH Units	"	CS04566	06/19/09	06/19/09	SM4500-H B	HT-F
Sulfate as SO4	1.4	0.50	mg/L	"	CS04624	06/22/09	06/22/09	EPA 300.0	
Total Dissolved Solids	91	10	"	"	CS04623	06/22/09	06/23/09	SM2540C	
<b>WM-1 (Portal) (CSF0869-03) Water</b> Sampled: 06/18/09 10:30 Received: 06/19/09 08:00									

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

07/09/09 08:08

CRWQCB - Sacramento  
11020 Sun Center Drive, Ste. 200  
Rancho Cordova CA, 95670-6114

Project: Walker Mine  
Project Number: [none]  
Project Manager: Jeff Huggins

CLS Work Order #: CSF0869  
COC #: 94811,83105

## Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WM-1 (Portal) (CSF0869-03) Water</b> Sampled: 06/18/09 10:30 Received: 06/19/09 08:00									
Total Alkalinity	57	5.0	mg/L	1	CS04589	06/19/09	06/19/09	SM2310B	
Bicarbonate as CaCO3	57	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	0.89	0.50	"	"	CS04624	06/22/09	06/22/09	EPA 300.0	
Specific Conductance (EC)	110	1.0	µmhos/cm	"	CS04605	06/22/09	06/22/09	EPA 120.1	
Hexavalent Chromium	ND	10	µg/L	"	CS04578	06/19/09	06/19/09	EPA 7196A	
Hexavalent Chromium, Dissolved	ND	10	"	"	"	"	"	"	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CS04588	06/19/09	06/19/09	SM5540 C	
Calcium	10	1.0	"	"	CS04674	06/27/09	06/27/09	200.7/2340B	
Magnesium	3.9	1.0	"	"	"	"	"	"	
Potassium	ND	1.0	"	"	"	"	"	"	
Sodium	4.5	1.0	"	"	"	"	"	"	
Hardness as CaCO3	41	1.0	"	"	"	"	"	"	
pH	7.33	0.01	pH Units	"	CS04566	06/19/09	06/19/09	SM4500-H B	HT-F
Sulfate as SO4	1.1	0.50	mg/L	"	CS04624	06/22/09	06/22/09	EPA 300.0	
Total Dissolved Solids	96	10	"	"	CS04623	06/22/09	06/23/09	SM2540C	
<b>WM-2 (DC-Upstream) (CSF0869-04) Water</b> Sampled: 06/18/09 10:45 Received: 06/19/09 08:00									
Total Alkalinity	70	5.0	mg/L	1	CS04589	06/19/09	06/19/09	SM2310B	
Bicarbonate as CaCO3	70	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	0.83	0.50	"	"	CS04624	06/22/09	06/22/09	EPA 300.0	
Specific Conductance (EC)	140	1.0	µmhos/cm	"	CS04605	06/22/09	06/22/09	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CS04588	06/19/09	06/19/09	SM5540 C	
Calcium	12	1.0	"	"	CS04674	06/27/09	06/27/09	200.7/2340B	
Magnesium	6.2	1.0	"	"	"	"	"	"	
Potassium	ND	1.0	"	"	"	"	"	"	
Sodium	2.5	1.0	"	"	"	"	"	"	
Hardness as CaCO3	56	1.0	"	"	"	"	"	"	
pH	7.59	0.01	pH Units	"	CS04566	06/19/09	06/19/09	SM4500-H B	HT-F
Sulfate as SO4	ND	0.50	mg/L	"	CS04624	06/22/09	06/22/09	EPA 300.0	
Total Dissolved Solids	100	10	"	"	CS04623	06/22/09	06/23/09	SM2540C	

CA DOHS ELAP Accreditation/Registration Number 1233



# CALIFORNIA LABORATORY SERVICES

07/09/09 08:08

CRWQCB - Sacramento  
11020 Sun Center Drive, Ste. 200  
Rancho Cordova CA, 95670-6114

Project: Walker Mine  
Project Number: [none]  
Project Manager: Jeff Huggins

CLS Work Order #: CSF0869  
COC #: 94811,83105

## Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WM-4 @ 48' Culvert (CSF0869-05) Water</b> Sampled: 06/18/09 12:00    Received: 06/19/09 08:00									
Total Alkalinity	65	5.0	mg/L	1	CS04589	06/19/09	06/19/09	SM2310B	
Bicarbonate as CaCO3	65	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	0.78	0.50	"	"	CS04624	06/22/09	06/22/09	EPA 300.0	
Specific Conductance (EC)	120	1.0	µmhos/cm	"	CS04605	06/22/09	06/22/09	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CS04588	06/19/09	06/19/09	SM5540 C	
Calcium	11	1.0	"	"	CS04674	06/27/09	06/27/09	200.7/2340B	
Magnesium	5.2	1.0	"	"	"	"	"	"	
Potassium	ND	1.0	"	"	"	"	"	"	
Sodium	2.6	1.0	"	"	"	"	"	"	
Hardness as CaCO3	50	1.0	"	"	"	"	"	"	
pH	7.66	0.01	pH Units	"	CS04566	06/19/09	06/19/09	SM4500-H B	HT-F
Sulfate as SO4	1.5	0.50	mg/L	"	CS04624	06/22/09	06/22/09	EPA 300.0	
Total Dissolved Solids	89	10	"	"	CS04623	06/22/09	06/23/09	SM2540C	
<b>WM-9 (Brown's Cabin) (CSF0869-06) Water</b> Sampled: 06/18/09 12:20    Received: 06/19/09 08:00									
Total Alkalinity	50	5.0	mg/L	1	CS04589	06/19/09	06/19/09	SM2310B	
Bicarbonate as CaCO3	50	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	0.76	0.50	"	"	CS04624	06/22/09	06/22/09	EPA 300.0	
Specific Conductance (EC)	100	1.0	µmhos/cm	"	CS04605	06/22/09	06/22/09	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CS04588	06/19/09	06/19/09	SM5540 C	
Calcium	10	1.0	"	"	CS04674	06/27/09	06/27/09	200.7/2340B	
Magnesium	3.1	1.0	"	"	"	"	"	"	
Potassium	ND	1.0	"	"	"	"	"	"	
Sodium	3.1	1.0	"	"	"	"	"	"	
Hardness as CaCO3	38	1.0	"	"	"	"	"	"	
pH	7.79	0.01	pH Units	"	CS04566	06/19/09	06/19/09	SM4500-H B	HT-F
Sulfate as SO4	3.7	0.50	mg/L	"	CS04624	06/22/09	06/22/09	EPA 300.0	
Total Dissolved Solids	81	10	"	"	CS04623	06/22/09	06/23/09	SM2540C	
<b>WM-6 (MSFS Dam) (CSF0869-07) Water</b> Sampled: 06/18/09 13:05    Received: 06/19/09 08:00									

CA DOHS ELAP Accreditation/Registration Number 1233

3249 Fitzgerald Road Rancho Cordova, CA 95742

www.californialab.com

916-638-7301

Fax: 916-638-4510

# CALIFORNIA LABORATORY SERVICES

07/09/09 08:08

CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114	Project: Walker Mine Project Number: [none] Project Manager: Jeff Huggins	CLS Work Order #: CSF0869 COC #: 94811,83105
--	---	---

## Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WM-6 (MSFS Dam) (CSF0869-07) Water</b> Sampled: 06/18/09 13:05    Received: 06/19/09 08:00									
Total Alkalinity	60	5.0	mg/L	1	CS04589	06/19/09	06/19/09	SM2310B	
Bicarbonate as CaCO3	60	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	0.78	0.50	"	"	CS04624	06/22/09	06/22/09	EPA 300.0	
Specific Conductance (EC)	150	1.0	µmhos/cm	"	CS04605	06/22/09	06/22/09	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CS04588	06/19/09	06/19/09	SM5540 C	
Calcium	15	1.0	"	"	CS04674	06/27/09	06/27/09	200.7/2340B	
Magnesium	4.2	1.0	"	"	"	"	"	"	
Potassium	1.1	1.0	"	"	"	"	"	"	
Sodium	3.2	1.0	"	"	"	"	"	"	
Hardness as CaCO3	56	1.0	"	"	"	"	"	"	
pH	7.76	0.01	pH Units	"	CS04566	06/19/09	06/19/09	SM4500-H B	HT-F
Sulfate as SO4	17	0.50	mg/L	"	CS04624	06/22/09	06/22/09	EPA 300.0	
Total Dissolved Solids	110	10	"	"	CS04623	06/22/09	06/23/09	SM2540C	
<b>WM-7 (LGC above DC) (CSF0869-08) Water</b> Sampled: 06/18/09 13:00    Received: 06/19/09 08:00									
Total Alkalinity	47	5.0	mg/L	1	CS04589	06/19/09	06/19/09	SM2310B	
Bicarbonate as CaCO3	47	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	0.76	0.50	"	"	CS04624	06/22/09	06/22/09	EPA 300.0	
Specific Conductance (EC)	99	1.0	µmhos/cm	"	CS04605	06/22/09	06/22/09	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CS04588	06/19/09	06/19/09	SM5540 C	
Calcium	9.4	1.0	"	"	CS04674	06/27/09	06/27/09	200.7/2340B	
Magnesium	3.0	1.0	"	"	"	"	"	"	
Potassium	ND	1.0	"	"	"	"	"	"	
Sodium	3.0	1.0	"	"	"	"	"	"	
Hardness as CaCO3	36	1.0	"	"	"	"	"	"	
pH	7.68	0.01	pH Units	"	CS04566	06/19/09	06/19/09	SM4500-H B	HT-F
Sulfate as SO4	2.8	0.50	mg/L	"	CS04624	06/22/09	06/22/09	EPA 300.0	
Total Dissolved Solids	75	10	"	"	CS04623	06/22/09	06/23/09	SM2540C	
<b>WM-7A (DC above new MSFS Realignment) (CSF0869-09) Water</b> Sampled: 06/18/09 12:25    Received: 06/19/09 08:00									

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

07/09/09 08:08

CRWQCB - Sacramento  
11020 Sun Center Drive, Ste. 200  
Rancho Cordova CA, 95670-6114

Project: Walker Mine  
Project Number: [none]  
Project Manager: Jeff Huggins

CLS Work Order #: CSF0869  
COC #: 94811,83105

## Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WM-7A (DC above new MSFS Realignment) (CSF0869-09) Water</b> <b>Sampled: 06/18/09 12:25</b> <b>Received: 06/19/09 08:00</b>									
Total Alkalinity	65	5.0	mg/L	1	CS04589	06/19/09	06/19/09	SM2310B	
Bicarbonate as CaCO3	65	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	0.79	0.50	"	"	CS04624	06/22/09	06/22/09	EPA 300.0	
Specific Conductance (EC)	120	1.0	µmhos/cm	"	CS04605	06/22/09	06/22/09	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CS04588	06/19/09	06/19/09	SM5540 C	
Calcium	11	1.0	"	"	CS04674	06/27/09	06/27/09	200.7/2340B	
Magnesium	4.8	1.0	"	"	"	"	"	"	
Potassium	ND	1.0	"	"	"	"	"	"	
Sodium	2.7	1.0	"	"	"	"	"	"	
Hardness as CaCO3	47	1.0	"	"	"	"	"	"	
pH	8.02	0.01	pH Units	"	CS04566	06/19/09	06/19/09	SM4500-H B	HT-F
Sulfate as SO4	1.6	0.50	mg/L	"	CS04624	06/22/09	06/22/09	EPA 300.0	
Total Dissolved Solids	89	10	"	"	CS04623	06/22/09	06/23/09	SM2540C	
<b>WM-7B (DC Realignment above LGC) (CSF0869-10) Water</b> <b>Sampled: 06/18/09 13:40</b> <b>Received: 06/19/09 08:00</b>									
Total Alkalinity	60	5.0	mg/L	1	CS04589	06/19/09	06/19/09	SM2310B	
Bicarbonate as CaCO3	60	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	0.78	0.50	"	"	CS04624	06/22/09	06/22/09	EPA 300.0	
Specific Conductance (EC)	120	1.0	µmhos/cm	"	CS04605	06/22/09	06/22/09	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CS04588	06/19/09	06/19/09	SM5540 C	
Calcium	11	1.0	"	"	CS04674	06/27/09	06/27/09	200.7/2340B	
Magnesium	4.7	1.0	"	"	"	"	"	"	
Potassium	ND	1.0	"	"	"	"	"	"	
Sodium	2.7	1.0	"	"	"	"	"	"	
Hardness as CaCO3	46	1.0	"	"	"	"	"	"	
pH	8.06	0.01	pH Units	"	CS04566	06/19/09	06/19/09	SM4500-H B	HT-F
Sulfate as SO4	1.7	0.50	mg/L	"	CS04624	06/22/09	06/22/09	EPA 300.0	
Total Dissolved Solids	82	10	"	"	CS04623	06/22/09	06/23/09	SM2540C	
<b>WM-7C (LGC above DC Realignment) (CSF0869-11) Water</b> <b>Sampled: 06/18/09 13:45</b> <b>Received: 06/19/09 08:00</b>									

CA DOHS ELAP Accreditation/Registration Number 1233

3249 Fitzgerald Road Rancho Cordova, CA 95742

www.californialab.com

916-638-7301

Fax: 916-638-4510

# CALIFORNIA LABORATORY SERVICES

07/09/09 08:08

CRWQCB - Sacramento  
11020 Sun Center Drive, Ste. 200  
Rancho Cordova CA, 95670-6114

Project: Walker Mine  
Project Number: [none]  
Project Manager: Jeff Huggins

CLS Work Order #: CSF0869  
COC #: 94811,83105

## Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
<b>WM-7C (LGC above DC Realignment) (CSF0869-11) Water</b> Sampled: 06/18/09 13:45    Received: 06/19/09 08:00									
Total Alkalinity	50	5.0	mg/L	1	CS04589	06/19/09	06/19/09	SM2310B	
Bicarbonate as CaCO3	50	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	0.74	0.50	"	"	CS04624	06/22/09	06/22/09	EPA 300.0	
Specific Conductance (EC)	99	1.0	µmhos/cm	"	CS04605	06/22/09	06/22/09	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CS04588	06/19/09	06/19/09	SM5540 C	
Calcium	8.9	1.0	"	"	CS04674	06/27/09	06/27/09	200.7/2340B	
Magnesium	2.8	1.0	"	"	"	"	"	"	
Potassium	ND	1.0	"	"	"	"	"	"	
Sodium	3.1	1.0	"	"	"	"	"	"	
Hardness as CaCO3	33	1.0	"	"	"	"	"	"	
pH	7.37	0.01	pH Units	"	CS04566	06/19/09	06/19/09	SM4500-H B	HT-F
Sulfate as SO4	2.4	0.50	mg/L	"	CS04624	06/22/09	06/22/09	EPA 300.0	
Total Dissolved Solids	79	10	"	"	CS04623	06/22/09	06/23/09	SM2540C	
<b>WM-8 (LGC below DC) (CSF0869-12) Water</b> Sampled: 06/18/09 14:00    Received: 06/19/09 08:00									
Total Alkalinity	50	5.0	mg/L	1	CS04589	06/19/09	06/19/09	SM2310B	
Bicarbonate as CaCO3	50	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	0.76	0.50	"	"	CS04624	06/22/09	06/22/09	EPA 300.0	
Specific Conductance (EC)	100	1.0	µmhos/cm	"	CS04605	06/22/09	06/22/09	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CS04588	06/19/09	06/19/09	SM5540 C	
Calcium	9.6	1.0	"	"	CS04674	06/27/09	06/27/09	200.7/2340B	
Magnesium	3.1	1.0	"	"	"	"	"	"	
Potassium	ND	1.0	"	"	"	"	"	"	
Sodium	3.0	1.0	"	"	"	"	"	"	
Hardness as CaCO3	36	1.0	"	"	"	"	"	"	
pH	7.73	0.01	pH Units	"	CS04566	06/19/09	06/19/09	SM4500-H B	HT-F
Sulfate as SO4	3.8	0.50	mg/L	"	CS04624	06/22/09	06/22/09	EPA 300.0	
Total Dissolved Solids	81	10	"	"	CS04623	06/22/09	06/23/09	SM2540C	
<b>WM-11 (SBWC) (CSF0869-13) Water</b> Sampled: 06/18/09 14:30    Received: 06/19/09 08:00									

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

07/09/09 08:08

CRWQCB - Sacramento  
11020 Sun Center Drive, Ste. 200  
Rancho Cordova CA, 95670-6114

Project: Walker Mine  
Project Number: [none]  
Project Manager: Jeff Huggins

CLS Work Order #: CSF0869  
COC #: 94811,83105

## Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WM-11 (SBWC) (CSF0869-13) Water</b> Sampled: 06/18/09 14:30 Received: 06/19/09 08:00									
Total Alkalinity	18	5.0	mg/L	1	CS04589	06/19/09	06/19/09	SM2310B	
Bicarbonate as CaCO3	18	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	0.70	0.50	"	"	CS04624	06/22/09	06/22/09	EPA 300.0	
Specific Conductance (EC)	39	1.0	µmhos/cm	"	CS04605	06/22/09	06/22/09	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CS04588	06/19/09	06/19/09	SM5540 C	
Calcium	3.2	1.0	"	"	CS04674	06/27/09	06/27/09	200.7/2340B	
Magnesium	1.0	1.0	"	"	"	"	"	"	
Potassium	ND	1.0	"	"	"	"	"	"	
Sodium	1.8	1.0	"	"	"	"	"	"	
Hardness as CaCO3	12	1.0	"	"	"	"	"	"	
pH	6.82	0.01	pH Units	"	CS04566	06/19/09	06/19/09	SM4500-H B	HT-F
Sulfate as SO4	ND	0.50	mg/L	"	CS04624	06/22/09	06/22/09	EPA 300.0	
Total Dissolved Solids	59	10	"	"	CS04623	06/22/09	06/23/09	SM2540C	
<b>WM-12 (MBWC) (CSF0869-14) Water</b> Sampled: 06/18/09 14:40 Received: 06/19/09 08:00									
Total Alkalinity	21	5.0	mg/L	1	CS04589	06/19/09	06/19/09	SM2310B	
Bicarbonate as CaCO3	21	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	0.72	0.50	"	"	CS04624	06/22/09	06/22/09	EPA 300.0	
Specific Conductance (EC)	38	1.0	µmhos/cm	"	CS04605	06/22/09	06/22/09	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CS04588	06/19/09	06/19/09	SM5540 C	
Calcium	3.2	1.0	"	"	CS04674	06/27/09	06/27/09	200.7/2340B	
Magnesium	1.5	1.0	"	"	"	"	"	"	
Potassium	ND	1.0	"	"	"	"	"	"	
Sodium	1.2	1.0	"	"	"	"	"	"	
Hardness as CaCO3	14	1.0	"	"	"	"	"	"	
pH	6.22	0.01	pH Units	"	CS04566	06/19/09	06/19/09	SM4500-H B	HT-F
Sulfate as SO4	ND	0.50	mg/L	"	CS04624	06/22/09	06/22/09	EPA 300.0	
Total Dissolved Solids	30	10	"	"	CS04623	06/22/09	06/23/09	SM2540C	
<b>WM-13 (Nye Crk) (CSF0869-15) Water</b> Sampled: 06/18/09 14:50 Received: 06/19/09 08:00									

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

07/09/09 08:08

CRWQCB - Sacramento  
11020 Sun Center Drive, Ste. 200  
Rancho Cordova CA, 95670-6114

Project: Walker Mine  
Project Number: [none]  
Project Manager: Jeff Huggins

CLS Work Order #: CSF0869  
COC #: 94811,83105

## Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WM-13 (Nye Crk) (CSF0869-15) Water</b> <b>Sampled: 06/18/09 14:50</b> <b>Received: 06/19/09 08:00</b>									
Total Alkalinity	38	5.0	mg/L	1	CS04589	06/19/09	06/19/09	SM2310B	
Bicarbonate as CaCO3	38	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	0.73	0.50	"	"	CS04624	06/22/09	06/22/09	EPA 300.0	
Specific Conductance (EC)	74	1.0	µmhos/cm	"	CS04605	06/22/09	06/22/09	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CS04588	06/19/09	06/19/09	SM5540 C	
Calcium	7.0	1.0	"	"	CS04674	06/27/09	06/27/09	200.7/2340B	
Magnesium	2.8	1.0	"	"	"	"	"	"	
Potassium	ND	1.0	"	"	"	"	"	"	
Sodium	1.8	1.0	"	"	"	"	"	"	
Hardness as CaCO3	29	1.0	"	"	"	"	"	"	
pH	7.20	0.01	pH Units	"	CS04566	06/19/09	06/19/09	SM4500-H B	HT-F
Sulfate as SO4	ND	0.50	mg/L	"	CS04624	06/22/09	06/22/09	EPA 300.0	
Total Dissolved Solids	29	10	"	"	CS04623	06/22/09	06/23/09	SM2540C	
<b>WM-17 (NBWC) (CSF0869-16) Water</b> <b>Sampled: 06/18/09 15:00</b> <b>Received: 06/19/09 08:00</b>									
Total Alkalinity	77	5.0	mg/L	1	CS04589	06/19/09	06/19/09	SM2310B	
Bicarbonate as CaCO3	77	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	0.84	0.50	"	"	CS04624	06/22/09	06/22/09	EPA 300.0	
Specific Conductance (EC)	160	1.0	µmhos/cm	"	CS04605	06/22/09	06/22/09	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CS04588	06/19/09	06/19/09	SM5540 C	
Calcium	14	1.0	"	"	CS04674	06/27/09	06/27/09	200.7/2340B	
Magnesium	5.8	1.0	"	"	"	"	"	"	
Potassium	1.3	1.0	"	"	"	"	"	"	
Sodium	3.1	1.0	"	"	"	"	"	"	
Hardness as CaCO3	59	1.0	"	"	"	"	"	"	
pH	7.95	0.01	pH Units	"	CS04566	06/19/09	06/19/09	SM4500-H B	HT-F
Sulfate as SO4	ND	0.50	mg/L	"	CS04624	06/22/09	06/22/09	EPA 300.0	
Total Dissolved Solids	110	10	"	"	CS04623	06/22/09	06/23/09	SM2540C	

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

07/09/09 08:08

CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114	Project: Walker Mine Project Number: [none] Project Manager: Jeff Huggins	CLS Work Order #: CSF0869 COC #: 94811,83105
--	---	---

## Metals by EPA 200 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WM-5 (LGC/MIS) (CSF0869-01) Water</b> Sampled: 06/18/09 09:45 Received: 06/19/09 08:00									
Aluminum	29	20	µg/L	1	CS04678	06/23/09	06/23/09	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	ND	1.0	"	"	"	"	"	"	
Iron	370	100	"	2	"	"	"	"	
Zinc	ND	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-3 (DC-Downstream) (CSF0869-02) Water</b> Sampled: 06/18/09 10:00 Received: 06/19/09 08:00									
Aluminum	34	20	µg/L	1	CS04678	06/23/09	06/23/09	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	13	1.0	"	"	"	"	"	"	
Iron	260	100	"	2	"	"	"	"	
Zinc	4.9	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-1 (Portal) (CSF0869-03) Water</b> Sampled: 06/18/09 10:30 Received: 06/19/09 08:00									
Aluminum	ND	20	µg/L	1	CS04678	06/23/09	06/23/09	EPA 200.8	
Arsenic	14	2.0	"	"	"	"	"	"	
Copper	98	1.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	"	"	
Zinc	26	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-2 (DC-Upstream) (CSF0869-04) Water</b> Sampled: 06/18/09 10:45 Received: 06/19/09 08:00									
Aluminum	ND	20	µg/L	1	CS04678	06/23/09	06/23/09	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	ND	1.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	"	"	
Zinc	ND	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-4 @ 48' Culvert (CSF0869-05) Water</b> Sampled: 06/18/09 12:00 Received: 06/19/09 08:00									
Aluminum	22	20	µg/L	1	CS04678	06/23/09	06/23/09	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	18	1.0	"	"	"	"	"	"	
Iron	130	50	"	"	"	"	"	"	

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

07/09/09 08:08

CRWQCB - Sacramento  
11020 Sun Center Drive, Ste. 200  
Rancho Cordova CA, 95670-6114

Project: Walker Mine  
Project Number: [none]  
Project Manager: Jeff Huggins

CLS Work Order #: CSF0869  
COC #: 94811,83105

## Metals by EPA 200 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WM-4 @ 48' Culvert (CSF0869-05) Water</b> Sampled: 06/18/09 12:00 Received: 06/19/09 08:00									
Zinc	4.0	2.0	µg/L	1	CS04678	"	06/23/09	EPA 200.8	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-9 (Brown's Cabin) (CSF0869-06) Water</b> Sampled: 06/18/09 12:20 Received: 06/19/09 08:00									
Aluminum	21	20	µg/L	1	CS04678	06/23/09	06/23/09	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	10	1.0	"	"	"	"	"	"	
Iron	360	100	"	2	"	"	"	"	
Zinc	ND	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-6 (MSFS Dam) (CSF0869-07) Water</b> Sampled: 06/18/09 13:05 Received: 06/19/09 08:00									
Aluminum	ND	20	µg/L	1	CS04678	06/23/09	06/23/09	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	100	1.0	"	"	"	"	"	"	
Iron	680	250	"	5	"	"	"	"	
Zinc	13	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-7 (LGC above DC) (CSF0869-08) Water</b> Sampled: 06/18/09 13:00 Received: 06/19/09 08:00									
Aluminum	ND	20	µg/L	1	CS04678	06/23/09	06/23/09	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	3.4	1.0	"	"	"	"	"	"	
Iron	360	100	"	2	"	"	"	"	
Zinc	ND	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-7A (DC above new MSFS Realignment) (CSF0869-09) Water</b> Sampled: 06/18/09 12:25 Received: 06/19/09 08:00									
Aluminum	ND	20	µg/L	1	CS04678	06/23/09	06/23/09	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	26	1.0	"	"	"	"	"	"	
Iron	230	100	"	2	"	"	"	"	
Zinc	3.6	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-7B (DC Realignment above LGC) (CSF0869-10) Water</b> Sampled: 06/18/09 13:40 Received: 06/19/09 08:00									
Aluminum	35	20	µg/L	1	CS04678	06/23/09	06/23/09	EPA 200.8	

CA DOHS ELAP Accreditation/Registration Number 1233

3249 Fitzgerald Road Rancho Cordova, CA 95742

www.californialab.com

916-638-7301

Fax: 916-638-4510



# CALIFORNIA LABORATORY SERVICES

07/09/09 08:08

CRWQCB - Sacramento  
11020 Sun Center Drive, Ste. 200  
Rancho Cordova CA, 95670-6114

Project: Walker Mine  
Project Number: [none]  
Project Manager: Jeff Huggins

CLS Work Order #: CSF0869  
COC #: 94811,83105

## Metals by EPA 200 Series Methods

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
<b>WM-7B (DC Realignment above LGC) (CSF0869-10) Water</b> Sampled: 06/18/09 13:40    Received: 06/19/09 08:00									
Arsenic	ND	2.0	µg/L	1	CS04678	"	06/23/09	EPA 200.8	
Copper	22	1.0	"	"	"	"	"	"	
Iron	180	50	"	"	"	"	"	"	
Zinc	9.3	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-7C (LGC above DC Realignment) (CSF0869-11) Water</b> Sampled: 06/18/09 13:45    Received: 06/19/09 08:00									
Aluminum	ND	20	µg/L	1	CS04678	06/23/09	06/23/09	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	ND	1.0	"	"	"	"	"	"	
Iron	440	250	"	5	"	"	"	"	
Zinc	ND	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-8 (LGC below DC) (CSF0869-12) Water</b> Sampled: 06/18/09 14:00    Received: 06/19/09 08:00									
Aluminum	ND	20	µg/L	1	CS04678	06/23/09	06/23/09	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	9.9	1.0	"	"	"	"	"	"	
Iron	380	100	"	2	"	"	"	"	
Zinc	2.8	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-11 (SBWC) (CSF0869-13) Water</b> Sampled: 06/18/09 14:30    Received: 06/19/09 08:00									
Aluminum	22	20	µg/L	1	CS04678	06/23/09	06/23/09	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	3.7	1.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	"	"	
Zinc	2.8	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-12 (MBWC) (CSF0869-14) Water</b> Sampled: 06/18/09 14:40    Received: 06/19/09 08:00									
Aluminum	25	20	µg/L	1	CS04678	06/23/09	06/23/09	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	5.6	1.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	"	"	
Zinc	2.6	2.0	"	"	"	"	"	"	

CA DOHS ELAP Accreditation/Registration Number 1233

3249 Fitzgerald Road Rancho Cordova, CA 95742

www.californialab.com

916-638-7301

Fax: 916-638-4510

# CALIFORNIA LABORATORY SERVICES

07/09/09 08:08

CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114	Project: Walker Mine Project Number: [none] Project Manager: Jeff Huggins	CLS Work Order #: CSF0869 COC #: 94811,83105
--	---	---

## Metals by EPA 200 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WM-12 (MBWC) (CSF0869-14) Water</b> Sampled: 06/18/09 14:40    Received: 06/19/09 08:00									
Cadmium	ND	0.50	µg/L	1	CS04678	"	06/23/09	EPA 200.8	
<b>WM-13 (Nye Crk) (CSF0869-15) Water</b> Sampled: 06/18/09 14:50    Received: 06/19/09 08:00									
Aluminum	ND	20	µg/L	1	CS04678	06/23/09	06/23/09	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	ND	1.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	"	"	
Zinc	ND	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-17 (NBWC) (CSF0869-16) Water</b> Sampled: 06/18/09 15:00    Received: 06/19/09 08:00									
Aluminum	ND	20	µg/L	1	CS04678	06/23/09	06/23/09	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	ND	1.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	"	"	
Zinc	ND	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

07/09/09 08:08

CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114	Project: Walker Mine Project Number: [none] Project Manager: Jeff Huggins	CLS Work Order #: CSF0869 COC #: 94811,83105
--	---	---

## Metals (Dissolved) by EPA 200 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WM-5 (LGC/MIS) (CSF0869-01) Water</b> Sampled: 06/18/09 09:45    Received: 06/19/09 08:00									
Aluminum	ND	20	µg/L	1	CS04693	06/24/09	06/24/09	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	ND	2.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	"	"	
Zinc	ND	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-3 (DC-Downstream) (CSF0869-02) Water</b> Sampled: 06/18/09 10:00    Received: 06/19/09 08:00									
Aluminum	ND	20	µg/L	1	CS04693	06/24/09	06/24/09	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	8.8	2.0	"	"	"	"	"	"	
Iron	100	50	"	"	"	"	"	"	
Zinc	6.1	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-1 (Portal) (CSF0869-03) Water</b> Sampled: 06/18/09 10:30    Received: 06/19/09 08:00									
Aluminum	ND	20	µg/L	1	CS04693	06/24/09	06/24/09	EPA 200.8	
Arsenic	13	5.0	"	"	"	"	"	"	
Copper	84	2.0	"	"	"	"	"	"	
Iron	53	50	"	"	"	"	"	"	
Zinc	23	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-2 (DC-Upstream) (CSF0869-04) Water</b> Sampled: 06/18/09 10:45    Received: 06/19/09 08:00									
Aluminum	ND	20	µg/L	1	CS04693	06/24/09	06/24/09	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	ND	2.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	"	"	
Zinc	ND	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-4 @ 48' Culvert (CSF0869-05) Water</b> Sampled: 06/18/09 12:00    Received: 06/19/09 08:00									
Aluminum	ND	20	µg/L	1	CS04693	06/24/09	06/24/09	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	14	2.0	"	"	"	"	"	"	
Iron	130	50	"	"	"	"	"	"	

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

07/09/09 08:08

CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114	Project: Walker Mine Project Number: [none] Project Manager: Jeff Huggins	CLS Work Order #: CSF0869 COC #: 94811,83105
--	---	---

## Metals (Dissolved) by EPA 200 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WM-4 @ 48' Culvert (CSF0869-05) Water</b> Sampled: 06/18/09 12:00 Received: 06/19/09 08:00									
Zinc	3.2	2.0	µg/L	1	CS04693	"	06/24/09	EPA 200.8	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-9 (Brown's Cabin) (CSF0869-06) Water</b> Sampled: 06/18/09 12:20 Received: 06/19/09 08:00									
Aluminum	ND	20	µg/L	1	CS04693	06/24/09	06/24/09	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	7.1	2.0	"	"	"	"	"	"	
Iron	250	100	"	2	"	"	"	"	
Zinc	ND	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-6 (MSFS Dam) (CSF0869-07) Water</b> Sampled: 06/18/09 13:05 Received: 06/19/09 08:00									
Aluminum	ND	20	µg/L	1	CS04693	06/24/09	06/24/09	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	38	2.0	"	"	"	"	"	"	
Iron	180	50	"	"	"	"	"	"	
Zinc	9.2	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-7 (LGC above DC) (CSF0869-08) Water</b> Sampled: 06/18/09 13:00 Received: 06/19/09 08:00									
Aluminum	ND	20	µg/L	1	CS04693	06/24/09	06/24/09	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	2.9	2.0	"	"	"	"	"	"	
Iron	260	100	"	2	"	"	"	"	
Zinc	2.6	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-7A (DC above new MSFS Realignment) (CSF0869-09) Water</b> Sampled: 06/18/09 12:25 Received: 06/19/09 08:00									
Aluminum	ND	20	µg/L	1	CS04693	06/24/09	06/24/09	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	22	2.0	"	"	"	"	"	"	
Iron	180	50	"	"	"	"	"	"	
Zinc	4.3	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-7B (DC Realignment above LGC) (CSF0869-10) Water</b> Sampled: 06/18/09 13:40 Received: 06/19/09 08:00									
Aluminum	ND	20	µg/L	1	CS04693	06/24/09	06/24/09	EPA 200.8	

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

07/09/09 08:08

CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114	Project: Walker Mine Project Number: [none] Project Manager: Jeff Huggins	CLS Work Order #: CSF0869 COC #: 94811,83105
--	---	---

## Metals (Dissolved) by EPA 200 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WM-7B (DC Realignment above LGC) (CSF0869-10) Water</b> Sampled: 06/18/09 13:40    Received: 06/19/09 08:00									
Arsenic	ND	5.0	µg/L	1	CS04693	"	06/24/09	EPA 200.8	
Copper	18	2.0	"	"	"	"	"	"	
Iron	120	50	"	"	"	"	"	"	
Zinc	2.6	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-7C (LGC above DC Realignment) (CSF0869-11) Water</b> Sampled: 06/18/09 13:45    Received: 06/19/09 08:00									
Aluminum	ND	20	µg/L	1	CS04693	06/24/09	06/24/09	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	ND	2.0	"	"	"	"	"	"	
Iron	300	100	"	2	"	"	"	"	
Zinc	ND	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-8 (LGC below DC) (CSF0869-12) Water</b> Sampled: 06/18/09 14:00    Received: 06/19/09 08:00									
Aluminum	ND	20	µg/L	1	CS04693	06/24/09	06/24/09	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	6.1	2.0	"	"	"	"	"	"	
Iron	230	100	"	2	"	"	"	"	
Zinc	ND	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-11 (SBWC) (CSF0869-13) Water</b> Sampled: 06/18/09 14:30    Received: 06/19/09 08:00									
Aluminum	ND	20	µg/L	1	CS04693	06/24/09	06/24/09	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	3.5	2.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	"	"	
Zinc	3.5	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-12 (MBWC) (CSF0869-14) Water</b> Sampled: 06/18/09 14:40    Received: 06/19/09 08:00									
Aluminum	ND	20	µg/L	1	CS04693	06/24/09	06/24/09	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	4.9	2.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	"	"	
Zinc	ND	2.0	"	"	"	"	"	"	

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

07/09/09 08:08

CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114	Project: Walker Mine Project Number: [none] Project Manager: Jeff Huggins	CLS Work Order #: CSF0869 COC #: 94811,83105
--	---	---

## Metals (Dissolved) by EPA 200 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WM-12 (MBWC) (CSF0869-14) Water</b> <b>Sampled: 06/18/09 14:40</b> <b>Received: 06/19/09 08:00</b>									
Cadmium	ND	0.50	µg/L	1	CS04693	"	06/24/09	EPA 200.8	
<b>WM-13 (Nye Crk) (CSF0869-15) Water</b> <b>Sampled: 06/18/09 14:50</b> <b>Received: 06/19/09 08:00</b>									
Aluminum	ND	20	µg/L	1	CS04693	06/24/09	06/24/09	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	ND	2.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	"	"	
Zinc	ND	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-17 (NBWC) (CSF0869-16) Water</b> <b>Sampled: 06/18/09 15:00</b> <b>Received: 06/19/09 08:00</b>									
Aluminum	ND	20	µg/L	1	CS04693	06/24/09	06/24/09	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	ND	2.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	"	"	
Zinc	ND	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

07/09/09 08:08

CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114	Project: Walker Mine Project Number: [none] Project Manager: Jeff Huggins	CLS Work Order #: CSF0869 COC #: 94811,83105
--	---	---

## Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch CS04578 - General Preparation</b>										
<b>Blank (CS04578-BLK1)</b> Prepared & Analyzed: 06/19/09										
Hexavalent Chromium	ND	10	µg/L							
Hexavalent Chromium, Dissolved	ND	10	"							
<b>LCS (CS04578-BS1)</b> Prepared & Analyzed: 06/19/09										
Hexavalent Chromium	273	10	µg/L	250		109	85-115			
Hexavalent Chromium, Dissolved	273	10	"	250		109	80-120			
<b>LCS Dup (CS04578-BSD1)</b> Prepared & Analyzed: 06/19/09										
Hexavalent Chromium	266	10	µg/L	250		106	85-115	3	20	
Hexavalent Chromium, Dissolved	266	10	"	250		106	80-120	3	20	
<b>Matrix Spike (CS04578-MS1)</b> Source: CSF0848-01 Prepared & Analyzed: 06/19/09										
Hexavalent Chromium	206	10	µg/L	250	ND	82	85-115			QM-7
Hexavalent Chromium, Dissolved	206	10	"	250	ND	82	80-120			
<b>Matrix Spike Dup (CS04578-MSD1)</b> Source: CSF0848-01 Prepared & Analyzed: 06/19/09										
Hexavalent Chromium	206	10	µg/L	250	ND	82	85-115	0	20	QM-7
Hexavalent Chromium, Dissolved	206	10	"	250	ND	82	80-120	0	20	
<b>Batch CS04588 - General Preparation</b>										
<b>Blank (CS04588-BLK1)</b> Prepared & Analyzed: 06/19/09										
Methylene Blue Active Substances	ND	0.10	mg/L							
<b>LCS (CS04588-BS1)</b> Prepared & Analyzed: 06/19/09										
Methylene Blue Active Substances	0.576	0.10	mg/L	0.500		115	80-120			

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

07/09/09 08:08

CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova, CA, 95670-6114	Project: Walker Mine Project Number: [none] Project Manager: Jeff Huggins	CLS Work Order #: CSF0869 COC #: 94811,83105
---	---	---

## Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch CS04588 - General Preparation</b>										
<b>LCS Dup (CS04588-BSD1)</b>				Prepared & Analyzed: 06/19/09						
Methylene Blue Active Substances	0.563	0.10	mg/L	0.500		113	80-120	2	20	
<b>Matrix Spike (CS04588-MS1)</b>				Source: CSF0869-01 Prepared & Analyzed: 06/19/09						
Methylene Blue Active Substances	0.582	0.10	mg/L	0.500	ND	116	75-125			
<b>Matrix Spike Dup (CS04588-MSD1)</b>				Source: CSF0869-01 Prepared & Analyzed: 06/19/09						
Methylene Blue Active Substances	0.603	0.10	mg/L	0.500	ND	121	75-125	3	25	
<b>Batch CS04589 - General Preparation</b>										
<b>Blank (CS04589-BLK1)</b>				Prepared & Analyzed: 06/19/09						
Total Alkalinity	ND	5.0	mg/L							
Bicarbonate as CaCO3	ND	5.0	"							
Carbonate as CaCO3	ND	5.0	"							
Hydroxide as CaCO3	ND	5.0	"							
<b>Duplicate (CS04589-DUP1)</b>				Source: CSF0817-01 Prepared & Analyzed: 06/19/09						
Total Alkalinity	44.2	5.0	mg/L		46.6			5	20	
Bicarbonate as CaCO3	44.2	5.0	"		46.6			5	20	
Carbonate as CaCO3	ND	5.0	"		ND				20	
Hydroxide as CaCO3	ND	5.0	"		ND				20	
<b>Batch CS04605 - General Preparation</b>										
<b>Blank (CS04605-BLK1)</b>				Prepared & Analyzed: 06/22/09						
Specific Conductance (EC)	ND		1.0 µmhos/cm							

CA DOHS ELAP Accreditation/Registration Number 1233



# CALIFORNIA LABORATORY SERVICES

07/09/09 08:08

CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114	Project: Walker Mine Project Number: [none] Project Manager: Jeff Huggins	CLS Work Order #: CSF0869 COC #: 94811,83105
--	---	---

## Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch CS04623 - General Preparation</b>										
Blank (CS04623-BLK1)					Prepared: 06/22/09 Analyzed: 06/23/09					
Total Dissolved Solids	ND	10	mg/L							
Duplicate (CS04623-DUP1)					Source: CSF0898-02 Prepared: 06/22/09 Analyzed: 06/23/09					
Total Dissolved Solids	992	10	mg/L		996			0.4	20	
<b>Batch CS04624 - General Prep</b>										
Blank (CS04624-BLK1)					Prepared & Analyzed: 06/22/09					
Chloride	ND	0.50	mg/L							
Sulfate as SO4	ND	0.50	"							
LCS (CS04624-BS1)					Prepared & Analyzed: 06/22/09					
Chloride	2.00	0.50	mg/L	2.00		100	80-120			
Sulfate as SO4	5.05	0.50	"	5.00		101	80-120			
LCS Dup (CS04624-BSD1)					Prepared & Analyzed: 06/22/09					
Sulfate as SO4	5.09	0.50	mg/L	5.00		102	80-120	0.8	20	
Chloride	2.01	0.50	"	2.00		101	80-120	0.6	20	
Matrix Spike (CS04624-MS1)					Source: CSF0869-01 Prepared & Analyzed: 06/22/09					
Sulfate as SO4	5.15	0.50	mg/L	5.00	0.290	97	75-125			
Chloride	2.22	0.50	"	2.00	0.762	73	75-125			QM-5
Matrix Spike Dup (CS04624-MSD1)					Source: CSF0869-01 Prepared & Analyzed: 06/22/09					
Chloride	2.39	0.50	mg/L	2.00	0.762	81	75-125	7	25	
Sulfate as SO4	5.80	0.50	"	5.00	0.290	110	75-125	12	25	

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

07/09/09 08:08

CRWQCB - Sacramento  
11020 Sun Center Drive, Ste. 200  
Rancho Cordova CA, 95670-6114

Project: Walker Mine  
Project Number: [none]  
Project Manager: Jeff Huggins

CLS Work Order #: CSF0869  
COC #: 94811,83105

## Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch CS04674 - 6010A/No Digestion</b>										
<b>Blank (CS04674-BLK1)</b> Prepared: 06/23/09 Analyzed: 06/27/09										
Calcium	ND	1.0	mg/L							
Magnesium	ND	1.0	"							
Potassium	ND	1.0	"							
Sodium	ND	1.0	"							
Hardness as CaCO3	ND	1.0	"							
<b>LCS (CS04674-BS1)</b> Prepared: 06/23/09 Analyzed: 06/27/09										
Calcium	8.72	1.0	mg/L	10.0		87	80-120			
Magnesium	8.20	1.0	"	10.0		82	80-120			
Potassium	9.15	1.0	"	10.0		91	80-120			
Sodium	8.90	1.0	"	10.0		89	80-120			
<b>LCS Dup (CS04674-BSD1)</b> Prepared: 06/23/09 Analyzed: 06/27/09										
Calcium	9.05	1.0	mg/L	10.0		91	80-120	4	20	
Magnesium	8.48	1.0	"	10.0		85	80-120	3	20	
Potassium	9.36	1.0	"	10.0		94	80-120	2	20	
Sodium	9.14	1.0	"	10.0		91	80-120	3	20	
<b>Matrix Spike (CS04674-MS1)</b> Source: CSF0869-01 Prepared: 06/23/09 Analyzed: 06/27/09										
Calcium	17.4	1.0	mg/L	10.0	7.35	101	75-125			
Magnesium	11.7	1.0	"	10.0	2.74	90	75-125			
Potassium	10.5	1.0	"	10.0	ND	105	75-125			
Sodium	12.6	1.0	"	10.0	3.05	96	75-125			
<b>Matrix Spike Dup (CS04674-MSD1)</b> Source: CSF0869-01 Prepared: 06/23/09 Analyzed: 06/27/09										
Calcium	17.8	1.0	mg/L	10.0	7.35	105	75-125	2	25	
Magnesium	12.0	1.0	"	10.0	2.74	93	75-125	3	25	
Potassium	10.7	1.0	"	10.0	ND	107	75-125	3	25	
Sodium	12.8	1.0	"	10.0	3.05	97	75-125	1	25	

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

07/09/09 08:08

CRWQCB - Sacramento  
11020 Sun Center Drive, Ste. 200  
Rancho Cordova CA, 95670-6114

Project: Walker Mine  
Project Number: [none]  
Project Manager: Jeff Huggins

CLS Work Order #: CSF0869  
COC #: 94811,83105

## Metals by EPA 200 Series Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch CS04678 - EPA 3020A</b>										
<b>Blank (CS04678-BLK1)</b>										
Prepared & Analyzed: 06/23/09										
Aluminum	ND	20	µg/L							
Arsenic	ND	2.0	"							
Copper	ND	1.0	"							
Iron	ND	50	"							
Zinc	ND	2.0	"							
Cadmium	ND	0.50	"							
<b>LCS (CS04678-BS1)</b>										
Prepared & Analyzed: 06/23/09										
Aluminum	100	20	µg/L	100		100	80-120			
Arsenic	103	2.0	"	100		103	80-120			
Copper	102	1.0	"	100		102	80-120			
Iron	102	50	"	100		102	80-120			
Zinc	103	2.0	"	100		103	80-120			
Cadmium	10.3	0.50	"	10.0		103	80-120			
<b>LCS Dup (CS04678-BSD1)</b>										
Prepared & Analyzed: 06/23/09										
Aluminum	101	20	µg/L	100		101	80-120	0.4	20	
Arsenic	105	2.0	"	100		105	80-120	2	20	
Copper	103	1.0	"	100		103	80-120	0.7	20	
Iron	91.8	50	"	100		92	80-120	10	20	
Zinc	102	2.0	"	100		102	80-120	0.3	20	
Cadmium	10.5	0.50	"	10.0		105	80-120	2	20	
<b>Matrix Spike (CS04678-MS1)</b>										
Source: CSF0869-01 Prepared & Analyzed: 06/23/09										
Aluminum	123	20	µg/L	100	29.2	94	75-125			
Arsenic	105	2.0	"	100	ND	105	75-125			
Copper	100	1.0	"	100	0.780	99	75-125			
Iron	465	50	"	100	373	91	75-125			
Zinc	101	2.0	"	100	1.77	99	75-125			
Cadmium	10.4	0.50	"	10.0	ND	104	75-125			

CA DOHS ELAP Accreditation/Registration Number 1233

3249 Fitzgerald Road Rancho Cordova, CA 95742

www.californialab.com

916-638-7301

Fax: 916-638-4510

# CALIFORNIA LABORATORY SERVICES

07/09/09 08:08

CRWQCB - Sacramento  
11020 Sun Center Drive, Ste. 200  
Rancho Cordova CA, 95670-6114

Project: Walker Mine  
Project Number: [none]  
Project Manager: Jeff Huggins

CLS Work Order #: CSF0869  
COC #: 94811,83105

## Metals by EPA 200 Series Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch CS04678 - EPA 3020A</b>										
<b>Matrix Spike (CS04678-MS2)</b>		<b>Source: CSF0869-10</b>			<b>Prepared &amp; Analyzed: 06/23/09</b>					
Aluminum	125	20	µg/L	100	35.2	90	75-125			
Arsenic	103	2.0	"	100	ND	103	75-125			
Copper	117	1.0	"	100	22.2	95	75-125			
Iron	263	50	"	100	177	86	75-125			
Zinc	98.6	2.0	"	100	9.34	89	75-125			
Cadmium	10.2	0.50	"	10.0	ND	102	75-125			
<b>Matrix Spike Dup (CS04678-MSD1)</b>		<b>Source: CSF0869-01</b>			<b>Prepared &amp; Analyzed: 06/23/09</b>					
Aluminum	123	20	µg/L	100	29.2	94	75-125	0.04	25	
Arsenic	106	2.0	"	100	ND	106	75-125	0.9	25	
Copper	99.3	1.0	"	100	0.780	98	75-125	1	25	
Iron	449	50	"	100	373	76	75-125	3	25	
Zinc	103	2.0	"	100	1.77	101	75-125	2	25	
Cadmium	10.7	0.50	"	10.0	ND	107	75-125	3	25	
<b>Matrix Spike Dup (CS04678-MSD2)</b>		<b>Source: CSF0869-10</b>			<b>Prepared &amp; Analyzed: 06/23/09</b>					
Aluminum	124	20	µg/L	100	35.2	88	75-125	0.9	25	
Arsenic	103	2.0	"	100	ND	103	75-125	0.4	25	
Copper	116	1.0	"	100	22.2	94	75-125	0.9	25	
Iron	265	50	"	100	177	88	75-125	0.9	25	
Zinc	98.0	2.0	"	100	9.34	89	75-125	0.6	25	
Cadmium	10.2	0.50	"	10.0	ND	102	75-125	0.6	25	

CA DOHS ELAP Accreditation/Registration Number 1233

3249 Fitzgerald Road Rancho Cordova, CA 95742

www.californialab.com 916-638-7301

Fax: 916-638-4510

# CALIFORNIA LABORATORY SERVICES

07/09/09 08:08

CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114	Project: Walker Mine Project Number: [none] Project Manager: Jeff Huggins	CLS Work Order #: CSF0869 COC #: 94811,83105
--	---	---

## Metals (Dissolved) by EPA 200 Series Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%RBC Limits	RPD	RPD Limit	Notes
<b>Batch CS04693 - EPA 3020A</b>										
<b>Blank (CS04693-BLK1)</b> Prepared & Analyzed: 06/24/09										
Aluminum	ND	20	µg/L							
Arsenic	ND	5.0	"							
Copper	ND	2.0	"							
Iron	ND	50	"							
Zinc	ND	2.0	"							
Cadmium	ND	0.50	"							
<b>LCS (CS04693-BS1)</b> Prepared & Analyzed: 06/24/09										
Aluminum	97.3	20	µg/L	100		97	80-120			
Arsenic	98.4	5.0	"	100		98	80-120			
Copper	98.6	2.0	"	100		99	80-120			
Iron	101	50	"	100		101	80-120			
Zinc	100	2.0	"	100		100	80-120			
Cadmium	9.93	0.50	"	10.0		99	80-120			
<b>LCS Dup (CS04693-BSD1)</b> Prepared & Analyzed: 06/24/09										
Aluminum	99.1	20	µg/L	100		99	80-120	2	20	
Arsenic	98.3	5.0	"	100		98	80-120	0.08	20	
Copper	104	2.0	"	100		104	80-120	5	20	
Iron	116	50	"	100		116	80-120	13	20	
Zinc	102	2.0	"	100		102	80-120	1	20	
Cadmium	9.97	0.50	"	10.0		100	80-120	0.4	20	
<b>Matrix Spike (CS04693-MS1)</b> Source: CSF0869-01 Prepared & Analyzed: 06/24/09										
Aluminum	102	20	µg/L	100	6.14	96	75-125			
Arsenic	98.9	5.0	"	100	ND	99	75-125			
Copper	95.9	2.0	"	100	0.370	96	75-125			
Iron	328	50	"	100	21.3	307	75-125			QM-7
Zinc	98.1	2.0	"	100	ND	98	75-125			
Cadmium	9.75	0.50	"	10.0	ND	98	75-125			

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

07/09/09 08:08

CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114	Project: Walker Mine Project Number: [none] Project Manager: Jeff Huggins	CLS Work Order #: CSF0869 COC #: 94811,83105
--	---	---

## Metals (Dissolved) by EPA 200 Series Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch CS04693 - EPA 3020A</b>										
<b>Matrix Spike (CS04693-MS2) Source: CSF0869-10 Prepared &amp; Analyzed: 06/24/09</b>										
Aluminum	104	20	µg/L	100	13.4	91	75-125			
Arsenic	98.9	5.0	"	100	ND	99	75-125			
Copper	111	2.0	"	100	17.7	94	75-125			
Iron	240	50	"	100	124	116	75-125			
Zinc	97.8	2.0	"	100	2.64	95	75-125			
Cadmium	9.87	0.50	"	10.0	ND	99	75-125			
<b>Matrix Spike Dup (CS04693-MSD1) Source: CSF0869-01 Prepared &amp; Analyzed: 06/24/09</b>										
Aluminum	103	20	µg/L	100	6.14	97	75-125	1	25	
Arsenic	100	5.0	"	100	ND	100	75-125	1	25	
Copper	97.7	2.0	"	100	0.370	97	75-125	2	25	
Iron	338	50	"	100	21.3	316	75-125	3	25	QM-7
Zinc	99.5	2.0	"	100	ND	100	75-125	1	25	
Cadmium	10.2	0.50	"	10.0	ND	102	75-125	5	25	
<b>Matrix Spike Dup (CS04693-MSD2) Source: CSF0869-10 Prepared &amp; Analyzed: 06/24/09</b>										
Aluminum	103	20	µg/L	100	13.4	89	75-125	2	25	
Arsenic	98.4	5.0	"	100	ND	98	75-125	0.5	25	
Copper	110	2.0	"	100	17.7	93	75-125	0.8	25	
Iron	264	50	"	100	124	140	75-125	10	25	QM-7
Zinc	100	2.0	"	100	2.64	98	75-125	3	25	
Cadmium	9.97	0.50	"	10.0	ND	100	75-125	1	25	

# CALIFORNIA LABORATORY SERVICES

07/09/09 08:08

CRWQCB - Sacramento  
11020 Sun Center Drive, Ste. 200  
Rancho Cordova CA, 95670-6114

Project: Walker Mine  
Project Number: [none]  
Project Manager: Jeff Huggins

CLS Work Order #: CSF0869  
COC #: 94811,83105

## Notes and Definitions

- QM-7 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS/LCSD recovery.
- QM-5 The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
- HT-F This is a field test method and it is performed in the lab outside holding time.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference

## **Exhibit 68**



# CENTRAL VALLEY REGIONAL WATER QUALITY CONTROL BOARD

## INSPECTION REPORT

23 October 2009

**DISCHARGER:** Walker Mine  
**LOCATION & COUNTY:** Walker Mine, Plumas County  
**CONTACT(S):** None  
**INSPECTION DATE:** 21 October 2009  
**INSPECTED BY:** Jeff Huggins/Dan Little  
**ACCOMPANIED BY:** NA

### OBSERVATIONS AND COMMENTS:

Board staff performed the annual fall inspection of the Walker Mine in Plumas County as required by Walker Mine Operations and Maintenance Procedures, dated June 1997.

#### WALKER MINE PORTAL AREA:

The portal door at the main 700 level adit was securely locked upon our arrival. There did not appear to be any new bullet holes in the steel door that secures access to the 700 level adit nor vandalism of the portal door. A brief inspection of the Telog pressure data recorder indicated that it was recording pressure data daily as programmed.

Board staff downloaded and analyzed pressure data from the Telog data recorder during the inspection. The Telog data recorder is connected via a 2,500-foot long electronic cable to a Druck pressure sensor at the mine seal. Once per day the data recorder measures and stores an electronic current measurement (mAmps) from the Druck pressure sensor. This data is converted mathematically by Board staff to feet of pressure head on the mine seal<sup>1</sup>. At the time of the inspection, a current measurement of 6.28 mAmps (approximately 100 feet of head over the mine seal) was recorded. A maximum pressure head of 135 feet over the mine seal was recorded from 1 July through 30 July 2009 likely due to snowmelt seepage into the mine workings.

The batteries that power the Druck pressure sensor recorder were removed and replaced with recharged batteries during this inspection. All four of the heavy-duty locks on the portal doors were securely locked upon leaving the mine portal.

The drainage channel inside the corrugated section of the mine tunnel was working effectively and was not obstructed. The drainage channel between the mine portal and the waste dump was open and flowing at about 0.5 gallons per minute. Board Staff did not perform an inspection of the mine tunnel beyond the corrugated metal pipe (187 feet into the main drift) because approximately 700 lineal feet of the suspended ventilation duct within the main mine

<sup>1</sup> (Note: The Druck pressure sensor is scaled to transmit 4 to 20 mAmps for 0 to 300 psi).

Approved:

portal has fallen to the ground and is unusable for ventilation purposes (as reported in the 19 June 2007 inspection report). Repair of the ventilation duct is required before staff can safely inspect the mine seal.

**WALKER MINE TAILINGS FACILITY:**

Board staff also checked the Walker Mine tailings facility located on adjacent public lands administered by the United States Department of Agriculture Forest Service (USFS). The tailings facility represents a significant source of water pollution into both Dolly Creek and Little Grizzly Creek. Staff inspected progress on the 2009 renovations to the Dolly Creek diversion work being carried out by the USFS as required by Order No R5-00-028. Diversion of Dolly Creek off of the tailings is expected to reduce heavy metals contamination in Little Grizzly Creek.

Renovations to the diversion channel headworks were nearly complete as shown in Photos #4-12. The prior design had not worked effectively, which resulted in a significant amount of subsurface drainage from Dolly Creek passing beneath the diversion structure and making its way to the old Dolly Creek channel.

**WATER QUALITY MONITORING:**

Surface water samples were collected from Dolly, Little Grizzly, Nye, and Ward Creeks. However, the south branch of Ward Creek (WM-11) and Nye Creek (WM-13) were dry and therefore no samples were collected from these locations. All of the other sample locations had sufficient surface water to sample. Laboratory results are pending.

**SUMMARY:**

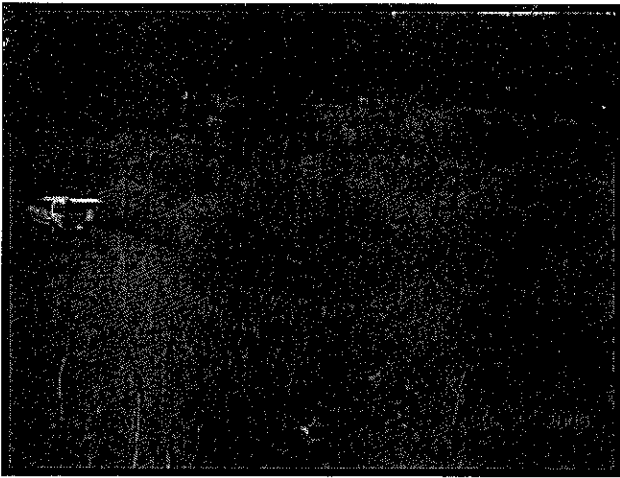
A semi annual inspection was made of the Walker Mine site. Surface water monitoring was performed and water pressure measurements on the mine seal were obtained. New batteries were installed for the data logger. Renovation work at the Dolly Creek drainage channel headworks' was nearly complete and this should reduce the volume of Dolly Creek water that comes into contact with the Walker Mine tailings facility.

**RECOMMENDATIONS:**

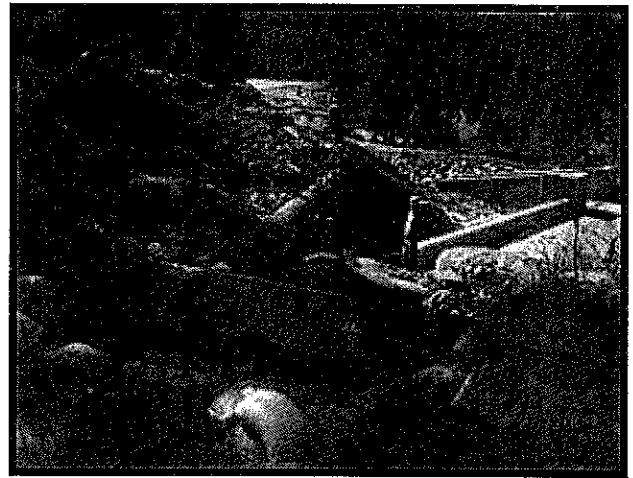
Repair of the ventilation duct is required before staff can safely inspect the mine seal that was installed by the Regional Water Board in 1987 to prevent the discharge of acid mine drainage from the underground mine to Dolly Creek. An effort to initiate a contract for repair of the ventilation ducting and some minor timber rehabilitation work was stalled by budget constraints during the spring of 2009. The mine seal and stainless steel piping and valves need to be inspected and physically tested to ensure their operability in accordance with the Board's Operations and Maintenance Plan for the Walker Mine.

---

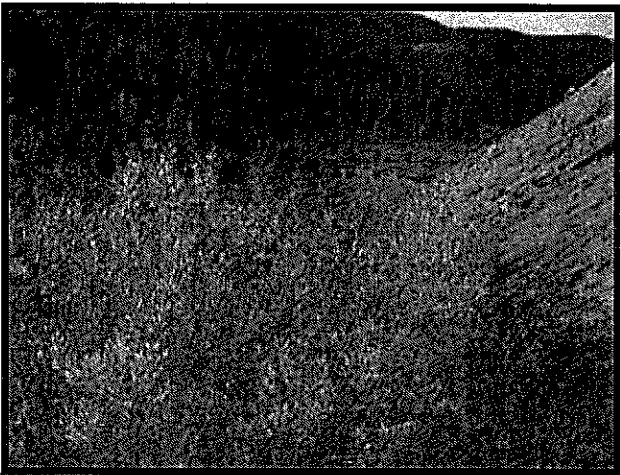
JEFF HUGGINS  
Water Resources Control Engineer



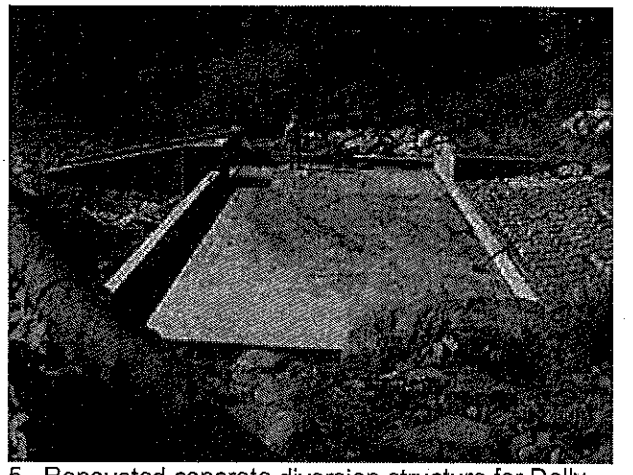
1. Walker Mine Portal Area.



4. USFS Headworks diversion above the Walker Mine tailings facility.



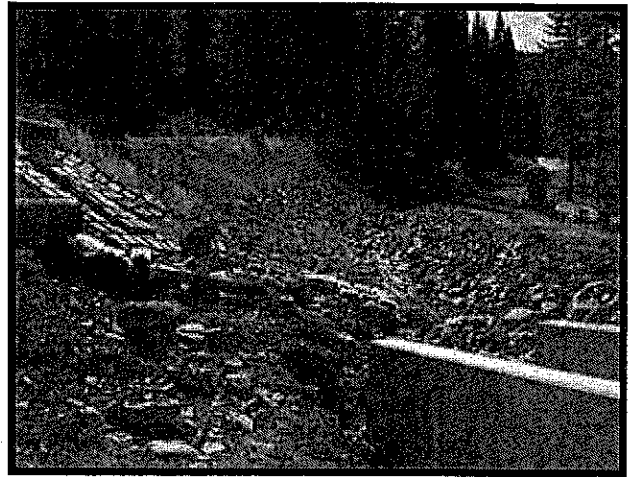
2. Looking west towards the tailings facility.



5. Renovated concrete diversion structure for Dolly Creek diversion.



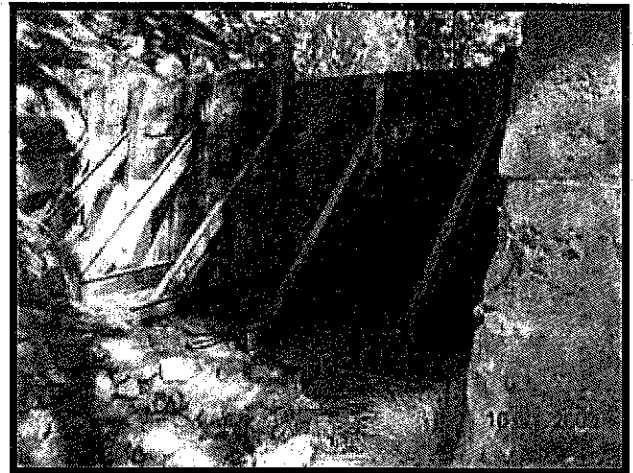
3. Sampling at Dolly Creek upstream (WM-2).



6. Outlet of Dolly Creek to the realignment across the Walker Mine tailings facility.



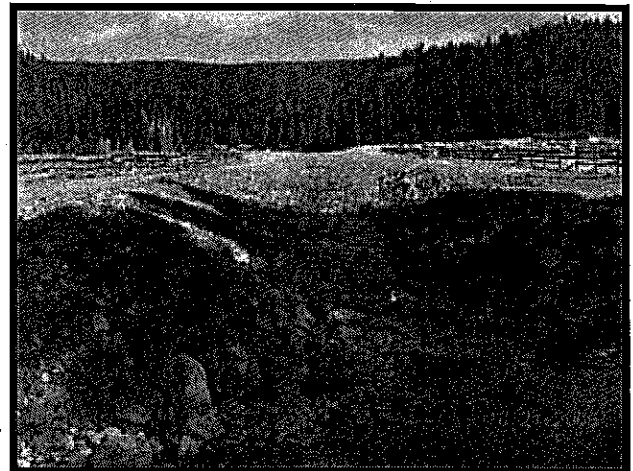
7. View of the 100 year storm emergency overflow to the old Dolly Creek channel.



10. View of USFS dam with virtually no overflow. Most of the Dolly Creek water volume has been successfully diverted to the diversion channel.



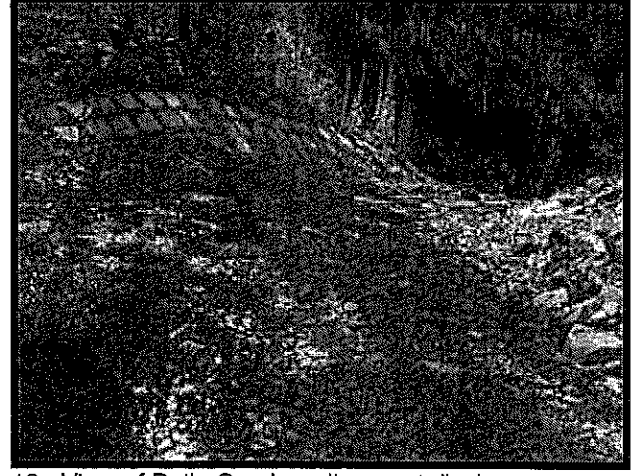
8. View of some minor subsurface underflow water seeping out at the base of the 100 year overflow.



11. View of the Dolly Creek realignment across the Walker Mine tailings facility near junction with Little Grizzly Creek.



9. View of water remaining in the old Dolly Creek channel near the USFS dam.



12. View of Dolly Creek realignment discharge structure to Little Grizzly Creek.

## **Exhibit 69**

# CALIFORNIA LABORATORY SERVICES

3249 Fitzgerald Road Rancho Cordova, CA 95742

October 28, 2009

CLS Work Order #: CSJ0884  
COC #: 94812,84178

Jeff Huggins  
CRWQCB - Sacramento  
11020 Sun Center Drive, Ste. 200  
Rancho Cordova, CA 95670-6114

**Project Name: Walker Mine**

Enclosed are the results of analyses for samples received by the laboratory on 10-22-09 08:30. Samples were analyzed pursuant to client request utilizing EPA or other ELAP approved methodologies. I certify that the results are in compliance both technically and for completeness.

Analytical results are attached to this letter. Please call if we can provide additional assistance.

Sincerely,



James Liang, Ph.D.  
Laboratory Director

CA DOHS ELAP Accreditation/Registration number 1233

Sample Receiving Exception Report  
Work Order #CSJ0884

The Chain of Custody does not match the labels on the sample bottles. The Chain of Custody states the sample date is 6\21\09 and the sample bottles state 10\21\09. Per client samples were logged in according to sample bottles.

**CLS - Labs**

CHAIN OF CUSTODY

LOG NO. 94812

CLSID No: 052884

1472

REPORT TO:		CLIENT JOB NUMBER		ANALYSIS REQUESTED		GEOTRACKER:	
NAME AND ADDRESS Leticia Veladez Central Valley Water Board Rancho Cordoba, CA 95770 PROJECT MANAGER Jeff Huggins (916) 464-4639 PROJECT NAME Walker Mine SAMPLED BY Jeff Huggins JOB DESCRIPTION Water Quality Monitoring		07-083-150-0 DESTINATION LABORATORY <input checked="" type="checkbox"/> CLS (916) 638-7301 3249 FITZGERALD RD. RANCHO CORDOVA, CA. 95742 <input type="checkbox"/> OTHER		Bid Group 7 - Metals (General Metals) Bid Group 7 - Metals (TAP) Bid Group 7 - Metals (Diss)		EDF REPORT <input type="checkbox"/> YES <input type="checkbox"/> NO GLOBAL ID:	
SITE LOCATION		PRESERVATIVES		TURN AROUND TIME		SPECIAL INSTRUCTIONS	
DATE	TIME	MATRIX	CONTAINER NO.	TYPE	1 DAY	2 DAY	3 DAY
6/21/09	08:45	Water	3	Plastic			
0910	WM-5	Water	3	Plastic			
0920	WM-19	Water	3	Plastic			
0945	WM-1	Water	3	Plastic			
10:00	WM-2	Water	3	Plastic			
11:30	WM-4	Water	3	Plastic			
11:45	WM-9	Water	3	Plastic			
12:10	WM-7a	Water	3	Plastic			
12:20	WM-7b	Water	3	Plastic			
12:30	WM-7c	Water	3	Plastic			
12:40	WM-6	Water	3	Plastic			
1:55	WM-11	Water	3	Plastic			
2:00	WM-12	Water	3	Plastic			
SUSPECTED CONSTITUENTS		PRESERVATIVES		RECEIVED BY (SIGN)		PRINT NAME / COMPANY	
				Jeff Huggins Central Valley Water Board 10/22/09 0830		Jeff Huggins Central Valley Water Board	
Jeff Huggins Central Valley Water Board		Jeff Huggins Central Valley Water Board		Jeff Huggins Central Valley Water Board		Jeff Huggins Central Valley Water Board	



CLS - Labs

CHAIN OF CUSTODY

LOG NO. 84178

SEND No.: 84178

2 of 2

REPORT TO:		CLIENT JOB NUMBER		ANALYSIS REQUESTED		GEOTRACKER:		
NAME AND ADDRESS Leticia Valadez Central Valley Water Board Rancho Cordova, CA 95670 PROJECT MANAGER Jeff Huggins (916) 464-4639 PROJECT NAME Walker Mine		07-023-150-0 DESTINATION LABORATORY <input checked="" type="checkbox"/> CLS (916) 638-7301 3249 FITZGERALD RD. RANCHO CORDOVA, CA. 95742 <input type="checkbox"/> OTHER		Bld Group 7 (General Mine) Bld Group 7 (Metals Total) Bld Group 7 (Metals Dissolve)		EDF REPORT <input type="checkbox"/> YES <input type="checkbox"/> NO GLOBAL ID: _____ COMPOSITE: _____ FIELD CONDITIONS: _____		
DATE	TIME	SAMPLE IDENTIFICATION	MATRIX	CONTAINER NO.	TYPE	PRESERVATIVES	TURN AROUND TIME	SPECIAL INSTRUCTIONS
6-21-09	14:12	WM-13 McCreet	Water	3	Plastic	1/3	1 DAY	Need low detection limits for metals.
	14:20	WM-17 NBWC	Water	3	Plastic	1/3	5 DAY	
	14:30	WM-20 Far West	Water	3	Plastic	1/3	2 DAY	
	15:15	WM-10 25NDSY	Water	3	Plastic	1/3	10 DAY	
SUSPECTED CONSTITUENTS		PRESERVATIVES:		RECEIVED BY (SIGN)		PRINT NAME / COMPANY		
				Jeff Huggins Central Valley Water Board		10/22/09 08:30		
RELIQUISHED BY (SIGN)		DATE / TIME		RECEIVED BY (SIGN)		PRINT NAME / COMPANY		
Jeff Huggins		10/22/09 08:30		[Signature]		[Signature]		
RECEIVED BY (SIGN)		DATE / TIME		CONDITIONS / COMMENTS		AIR BILL #		
[Signature]		10/22/09 08:30		20/09				

LAB

# CALIFORNIA LABORATORY SERVICES

10-28-09 15:23

CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114	Project: Walker Mine Project Number: 07-023-150-0 Project Manager: Jeff Huggins	CLS Work Order #: CSJ0884 COC #: 94812,84178
--	---	---

## Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WM-5 (LGC/MS) (CSJ0884-01) Water</b> Sampled: 10-21-09 08:45    Received: 10-22-09 08:30									
Total Alkalinity	75	5.0	mg/L	1	CS08041	10-22-09	10-22-09	SM2310B	
Bicarbonate as CaCO3	75	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	0.85	0.50	"	"	CS08103	10-26-09	10-26-09	EPA 300.0	
Specific Conductance (EC)	160	1.0	µmhos/cm	"	CS08034	10-22-09	10-22-09	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CS08033	10-22-09	10-22-09	SM5540 C	
Calcium	16	1.0	"	"	CS08035	10-22-09	10-22-09	200.7/2340B	
Magnesium	7.5	1.0	"	"	"	"	"	"	
Potassium	2.4	1.0	"	"	"	"	"	"	
Sodium	5.0	1.0	"	"	"	"	"	"	
Hardness as CaCO3	70	1.0	"	"	"	"	"	"	
pH	7.13	0.01	pH Units	"	CS08018	10-22-09	10-22-09	SM4500-H B	HT-F
Sulfate as SO4	ND	0.50	mg/L	"	CS08103	10-26-09	10-26-09	EPA 300.0	
Total Dissolved Solids	100	10	"	"	CS08084	10-23-09	10-26-09	SM2540C	
<b>WM-3 (DC/DS) (CSJ0884-02) Water</b> Sampled: 10-21-09 09:10    Received: 10-22-09 08:30									
Total Alkalinity	76	5.0	mg/L	1	CS08041	10-22-09	10-22-09	SM2310B	
Bicarbonate as CaCO3	76	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	0.70	0.50	"	"	CS08103	10-26-09	10-26-09	EPA 300.0	
Specific Conductance (EC)	150	1.0	µmhos/cm	"	CS08034	10-22-09	10-22-09	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CS08033	10-22-09	10-22-09	SM5540 C	
Calcium	16	1.0	"	"	CS08035	10-22-09	10-22-09	200.7/2340B	
Magnesium	9.2	1.0	"	"	"	"	"	"	
Potassium	1.2	1.0	"	"	"	"	"	"	
Sodium	3.5	1.0	"	"	"	"	"	"	
Hardness as CaCO3	77	1.0	"	"	"	"	"	"	
pH	7.60	0.01	pH Units	"	CS08018	10-22-09	10-22-09	SM4500-H B	HT-F
Sulfate as SO4	0.77	0.50	mg/L	"	CS08103	10-26-09	10-26-09	EPA 300.0	
Total Dissolved Solids	100	10	"	"	CS08084	10-23-09	10-26-09	SM2540C	
<b>WM-19 (Settling Pond) (CSJ0884-03) Water</b> Sampled: 10-21-09 09:20    Received: 10-22-09 08:30									

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

10-28-09 15:23

CRWQCB - Sacramento  
11020 Sun Center Drive, Ste. 200  
Rancho Cordova CA, 95670-6114

Project: Walker Mine  
Project Number: 07-023-150-0  
Project Manager: Jeff Huggins

CLS Work Order #: CSJ0884  
COC #: 94812,84178

## Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WM-19 (Settling Pond) (CSJ0884-03) Water</b> Sampled: 10-21-09 09:20    Received: 10-22-09 08:30									
Total Alkalinity	32	5.0	mg/L	1	CS08041	10-22-09	10-22-09	SM2310B	
Bicarbonate as CaCO3	32	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	0.73	0.50	"	"	CS08103	10-26-09	10-26-09	EPA 300.0	
Specific Conductance (EC)	260	1.0	µmhos/cm	"	CS08034	10-22-09	10-22-09	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CS08033	10-22-09	10-22-09	SM5540 C	
Calcium	29	1.0	"	"	CS08035	10-22-09	10-22-09	200.7/2340B	
Magnesium	7.8	1.0	"	"	"	"	"	"	
Potassium	3.4	1.0	"	"	"	"	"	"	
Sodium	8.2	1.0	"	"	"	"	"	"	
Hardness as CaCO3	110	1.0	"	"	"	"	"	"	
pH	7.29	0.01	pH Units	"	CS08018	10-22-09	10-22-09	SM4500-H B	HT-F
Sulfate as SO4	88	2.5	mg/L	5	CS08103	10-26-09	10-27-09	EPA 300.0	
Total Dissolved Solids	190	10	"	1	CS08084	10-23-09	10-26-09	SM2540C	
<b>WM-1 (Portal) (CSJ0884-04) Water</b> Sampled: 10-21-09 09:45    Received: 10-22-09 08:30									
Total Alkalinity	58	5.0	mg/L	1	CS08041	10-22-09	10-22-09	SM2310B	
Bicarbonate as CaCO3	58	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	0.59	0.50	"	"	CS08103	10-26-09	10-26-09	EPA 300.0	
Specific Conductance (EC)	120	1.0	µmhos/cm	"	CS08034	10-22-09	10-22-09	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CS08033	10-22-09	10-22-09	SM5540 C	
Calcium	13	1.0	"	"	CS08035	10-22-09	10-22-09	200.7/2340B	
Magnesium	5.4	1.0	"	"	"	"	"	"	
Potassium	1.0	1.0	"	"	"	"	"	"	
Sodium	5.3	1.0	"	"	"	"	"	"	
Hardness as CaCO3	54	1.0	"	"	"	"	"	"	
pH	7.49	0.01	pH Units	"	CS08018	10-22-09	10-22-09	SM4500-H B	HT-F
Sulfate as SO4	1.2	0.50	mg/L	"	CS08103	10-26-09	10-26-09	EPA 300.0	
Total Dissolved Solids	92	10	"	"	CS08084	10-23-09	10-26-09	SM2540C	
<b>WM-2 (DC/MS) (CSJ0884-05) Water</b> Sampled: 10-21-09 10:00    Received: 10-22-09 08:30									

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

10-28-09 15:23

CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114	Project: Walker Mine Project Number: 07-023-150-0 Project Manager: Jeff Huggins	CLS Work Order #: CSJ0884 COC #: 94812,84178
--	---	---

## Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WM-2 (DC/MS) (CSJ0884-05) Water</b> Sampled: 10-21-09 10:00    Received: 10-22-09 08:30									
Total Alkalinity	74	5.0	mg/L	1	CS08041	10-22-09	10-22-09	SM2310B	
Bicarbonate as CaCO3	74	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	0.63	0.50	"	"	CS08103	10-26-09	10-26-09	EPA 300.0	
Specific Conductance (EC)	150	1.0	µmhos/cm	"	CS08034	10-22-09	10-22-09	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CS08033	10-22-09	10-22-09	SM5540 C	
Calcium	15	1.0	"	"	CS08035	10-22-09	10-22-09	200.7/2340B	
Magnesium	9.1	1.0	"	"	"	"	"	"	
Potassium	1.1	1.0	"	"	"	"	"	"	
Sodium	3.2	1.0	"	"	"	"	"	"	
Hardness as CaCO3	76	1.0	"	"	"	"	"	"	
pH	7.72	0.01	pH Units	"	CS08018	10-22-09	10-22-09	SM4500-H B	HT-F
Sulfate as SO4	ND	0.50	mg/L	"	CS08103	10-26-09	10-26-09	EPA 300.0	
Total Dissolved Solids	110	10	"	"	CS08084	10-23-09	10-26-09	SM2540C	
<b>WM-4 (48" Culvert) (CSJ0884-06) Water</b> Sampled: 10-21-09 11:30    Received: 10-22-09 08:30									
Total Alkalinity	77	5.0	mg/L	1	CS08041	10-22-09	10-22-09	SM2310B	
Bicarbonate as CaCO3	77	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	0.70	0.50	"	"	CS08103	10-26-09	10-26-09	EPA 300.0	
Specific Conductance (EC)	150	1.0	µmhos/cm	"	CS08034	10-22-09	10-22-09	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CS08033	10-22-09	10-22-09	SM5540 C	
Calcium	15	1.0	"	"	CS08035	10-22-09	10-22-09	200.7/2340B	
Magnesium	8.6	1.0	"	"	"	"	"	"	
Potassium	1.1	1.0	"	"	"	"	"	"	
Sodium	3.4	1.0	"	"	"	"	"	"	
Hardness as CaCO3	73	1.0	"	"	"	"	"	"	
pH	7.71	0.01	pH Units	"	CS08018	10-22-09	10-22-09	SM4500-H B	HT-F
Sulfate as SO4	0.82	0.50	mg/L	"	CS08103	10-26-09	10-26-09	EPA 300.0	
Total Dissolved Solids	100	10	"	"	CS08084	10-23-09	10-26-09	SM2540C	
<b>WM-9 (Browns Cabin) (CSJ0884-07) Water</b> Sampled: 10-21-09 11:45    Received: 10-22-09 08:30									

CA DOHS BLAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

10-28-09 15:23

CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114	Project: Walker Mine Project Number: 07-023-150-0 Project Manager: Jeff Huggins	CLS Work Order #: CSJ0884 COC #: 94812,84178
--	---	---

## Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WM-9 (Browns Cabin) (CSJ0884-07) Water</b> Sampled: 10-21-09 11:45    Received: 10-22-09 08:30									
Total Alkalinity	75	5.0	mg/L	1	CS08041	10-22-09	10-22-09	SM2310B	
Bicarbonate as CaCO3	75	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	0.81	0.50	"	"	CS08103	10-26-09	10-26-09	EPA 300.0	
Specific Conductance (EC)	180	1.0	µmhos/cm	"	CS08034	10-22-09	10-22-09	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CS08033	10-22-09	10-22-09	SM5540 C	
Calcium	20	1.0	"	"	CS08035	10-22-09	10-22-09	200.7/2340B	
Magnesium	7.2	1.0	"	"	"	"	"	"	
Potassium	2.1	1.0	"	"	"	"	"	"	
Sodium	4.8	1.0	"	"	"	"	"	"	
Hardness as CaCO3	80	1.0	"	"	"	"	"	"	
pH	7.77	0.01	pH Units	"	CS08018	10-22-09	10-22-09	SM4500-H B	HT-F
Sulfate as SO4	12	0.50	mg/L	"	CS08103	10-26-09	10-26-09	EPA 300.0	
Total Dissolved Solids	110	10	"	"	CS08084	10-23-09	10-26-09	SM2540C	
<b>WM-7a (CSJ0884-08) Water</b> Sampled: 10-21-09 12:10    Received: 10-22-09 08:30									
Total Alkalinity	78	5.0	mg/L	1	CS08041	10-22-09	10-22-09	SM2310B	
Bicarbonate as CaCO3	78	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	0.73	0.50	"	"	CS08103	10-26-09	10-26-09	EPA 300.0	
Specific Conductance (EC)	150	1.0	µmhos/cm	"	CS08034	10-22-09	10-22-09	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CS08033	10-22-09	10-22-09	SM5540 C	
Calcium	16	1.0	"	"	CS08035	10-22-09	10-22-09	200.7/2340B	
Magnesium	8.5	1.0	"	"	"	"	"	"	
Potassium	1.2	1.0	"	"	"	"	"	"	
Sodium	3.7	1.0	"	"	"	"	"	"	
Hardness as CaCO3	75	1.0	"	"	"	"	"	"	
pH	7.93	0.01	pH Units	"	CS08018	10-22-09	10-22-09	SM4500-H B	HT-F
Sulfate as SO4	1.3	0.50	mg/L	"	CS08103	10-26-09	10-26-09	EPA 300.0	
Total Dissolved Solids	100	10	"	"	CS08084	10-23-09	10-26-09	SM2540C	
<b>WM-7b (CSJ0884-09) Water</b> Sampled: 10-21-09 12:20    Received: 10-22-09 08:30									

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

10-28-09 15:23

CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114	Project: Walker Mine Project Number: 07-023-150-0 Project Manager: Jeff Huggins	CLS Work Order #: CSJ0884 COC #: 94812,84178
--	---	---

## Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WM-7b (CSJ0884-09) Water</b> Sampled: 10-21-09 12:20 Received: 10-22-09 08:30									
Total Alkalinity	76	5.0	mg/L	1	CS08041	10-22-09	10-22-09	SM2310B	
Bicarbonate as CaCO3	76	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	0.83	0.50	"	"	CS08103	10-26-09	10-26-09	EPA 300.0	
Specific Conductance (EC)	170	1.0	µmhos/cm	"	CS08034	10-22-09	10-22-09	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CS08033	10-22-09	10-22-09	SM5540 C	
Calcium	20	1.0	"	"	CS08035	10-22-09	10-22-09	200.7/2340B	
Magnesium	6.2	1.0	"	"	"	"	"	"	
Potassium	2.3	1.0	"	"	"	"	"	"	
Sodium	5.3	1.0	"	"	"	"	"	"	
Hardness as CaCO3	75	1.0	"	"	"	"	"	"	
pH	7.32	0.01	pH Units	"	CS08018	10-22-09	10-22-09	SM4500-HB	HT-F
Sulfate as SO4	12	0.50	mg/L	"	CS08103	10-26-09	10-26-09	EPA 300.0	
Total Dissolved Solids	110	10	"	"	CS08084	10-23-09	10-26-09	SM2540C	
<b>WM-7c (CSJ0884-10) Water</b> Sampled: 10-21-09 12:30 Received: 10-22-09 08:30									
Total Alkalinity	75	5.0	mg/L	1	CS08041	10-22-09	10-22-09	SM2310B	
Bicarbonate as CaCO3	75	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	0.75	0.50	"	"	CS08103	10-26-09	10-26-09	EPA 300.0	
Specific Conductance (EC)	150	1.0	µmhos/cm	"	CS08034	10-22-09	10-22-09	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CS08033	10-22-09	10-22-09	SM5540 C	
Calcium	16	1.0	"	"	CS08035	10-22-09	10-22-09	200.7/2340B	
Magnesium	8.2	1.0	"	"	"	"	"	"	
Potassium	1.3	1.0	"	"	"	"	"	"	
Sodium	3.7	1.0	"	"	"	"	"	"	
Hardness as CaCO3	72	1.0	"	"	"	"	"	"	
pH	7.85	0.01	pH Units	"	CS08018	10-22-09	10-22-09	SM4500-HB	HT-F
Sulfate as SO4	1.4	0.50	mg/L	"	CS08103	10-26-09	10-26-09	EPA 300.0	
Total Dissolved Solids	100	10	"	"	CS08084	10-23-09	10-26-09	SM2540C	
<b>WM-6 (CSJ0884-11) Water</b> Sampled: 10-21-09 12:40 Received: 10-22-09 08:30									

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

10-28-09 15:23

CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114	Project: Walker Mine Project Number: 07-023-150-0 Project Manager: Jeff Huggins	CLS Work Order #: CSJ0884 COC #: 94812,84178
--	---	---

## Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WM-6 (CSJ0884-11) Water</b> Sampled: 10-21-09 12:40 Received: 10-22-09 08:30									
Total Alkalinity	77	5.0	mg/L	1	CS08041	10-22-09	10-22-09	SM2310B	
Bicarbonate as CaCO3	77	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	1.1	0.50	"	"	CS08103	10-26-09	10-26-09	EPA 300.0	
Specific Conductance (EC)	260	1.0	µmhos/cm	"	CS08034	10-22-09	10-22-09	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CS08033	10-22-09	10-22-09	SM5540 C	
Calcium	31	1.0	"	"	CS08035	10-22-09	10-22-09	200.7/2340B	
Magnesium	8.8	1.0	"	"	"	"	"	"	
Potassium	6.2	1.0	"	"	"	"	"	"	
Sodium	5.0	1.0	"	"	"	"	"	"	
Hardness as CaCO3	110	1.0	"	"	"	"	"	"	
pH	7.79	0.01	pH Units	"	CS08018	10-22-09	10-22-09	SM4500-H B	HT-F
Sulfate as SO4	51	2.5	mg/L	5	CS08103	10-26-09	10-27-09	EPA 300.0	
Total Dissolved Solids	170	10	"	1	CS08084	10-23-09	10-26-09	SM2540C	
<b>WM-12 (Mid B. Ward) (CSJ0884-12) Water</b> Sampled: 10-21-09 14:00 Received: 10-22-09 08:30									
Total Alkalinity	14	5.0	mg/L	1	CS08041	10-22-09	10-22-09	SM2310B	
Bicarbonate as CaCO3	14	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	0.54	0.50	"	"	CS08103	10-26-09	10-26-09	EPA 300.0	
Specific Conductance (EC)	30	1.0	µmhos/cm	"	CS08034	10-22-09	10-22-09	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CS08033	10-22-09	10-22-09	SM5540 C	
Calcium	3.0	1.0	"	"	CS08035	10-22-09	10-22-09	200.7/2340B	
Magnesium	1.3	1.0	"	"	"	"	"	"	
Potassium	ND	1.0	"	"	"	"	"	"	
Sodium	1.2	1.0	"	"	"	"	"	"	
Hardness as CaCO3	13	1.0	"	"	"	"	"	"	
pH	6.21	0.01	pH Units	"	CS08018	10-22-09	10-22-09	SM4500-H B	HT-F
Sulfate as SO4	ND	0.50	mg/L	"	CS08103	10-26-09	10-26-09	EPA 300.0	
Total Dissolved Solids	23	10	"	"	CS08084	10-23-09	10-26-09	SM2540C	
<b>WM-17 (NBWC) (CSJ0884-13) Water</b> Sampled: 10-21-09 14:20 Received: 10-22-09 08:30									

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

10-28-09 15:23

CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114	Project: Walker Mine Project Number: 07-023-150-0 Project Manager: Jeff Huggins	CLS Work Order #: CSJ0884 COC #: 94812,84178
--	---	---

## Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WM-17 (NBWC) (CSJ0884-13) Water</b> Sampled: 10-21-09 14:20    Received: 10-22-09 08:30									
Total Alkalinity	86	5.0	mg/L	1	CS08041	10-22-09	10-22-09	SM2310B	
Bicarbonate as CaCO3	86	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	0.63	0.50	"	"	CS08103	10-26-09	10-26-09	EPA 300.0	
Specific Conductance (EC)	160	1.0	µmhos/cm	"	CS08034	10-22-09	10-22-09	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CS08033	10-22-09	10-22-09	SM5540 C	
Calcium	18	1.0	"	"	CS08035	10-22-09	10-22-09	200.7/2340B	
Magnesium	8.3	1.0	"	"	"	"	"	"	
Potassium	1.8	1.0	"	"	"	"	"	"	
Sodium	3.8	1.0	"	"	"	"	"	"	
Hardness as CaCO3	79	1.0	"	"	"	"	"	"	
pH	7.86	0.01	pH Units	"	CS08018	10-22-09	10-22-09	SM4500-H B	HT-F
Sulfate as SO4	0.61	0.50	mg/L	"	CS08103	10-26-09	10-26-09	EPA 300.0	
Total Dissolved Solids	110	10	"	"	CS08084	10-23-09	10-26-09	SM2540C	
<b>WM-20 (Far West) (CSJ0884-14) Water</b> Sampled: 10-21-09 14:50    Received: 10-22-09 08:30									
Total Alkalinity	77	5.0	mg/L	1	CS08041	10-22-09	10-22-09	SM2310B	
Bicarbonate as CaCO3	77	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	0.88	0.50	"	"	CS08103	10-26-09	10-26-09	EPA 300.0	
Specific Conductance (EC)	180	1.0	µmhos/cm	"	CS08034	10-22-09	10-22-09	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CS08033	10-22-09	10-22-09	SM5540 C	
Calcium	20	1.0	"	"	CS08035	10-22-09	10-22-09	200.7/2340B	
Magnesium	5.8	1.0	"	"	"	"	"	"	
Potassium	2.1	1.0	"	"	"	"	"	"	
Sodium	8.6	1.0	"	"	"	"	"	"	
Hardness as CaCO3	75	1.0	"	"	"	"	"	"	
pH	7.91	0.01	pH Units	"	CS08018	10-22-09	10-22-09	SM4500-H B	HT-F
Sulfate as SO4	13	0.50	mg/L	"	CS08103	10-26-09	10-26-09	EPA 300.0	
Total Dissolved Solids	120	10	"	"	CS08084	10-23-09	10-26-09	SM2540C	
<b>WM-10 (25N05Y) (CSJ0884-15) Water</b> Sampled: 10-21-09 15:15    Received: 10-22-09 08:30									

CA DOHS ELAP Accreditation/Registration Number 1233



# CALIFORNIA LABORATORY SERVICES

10-28-09 15:23

CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114	Project: Walker Mine Project Number: 07-023-150-0 Project Manager: Jeff Huggins	CLS Work Order #: CSJ0884 COC #: 94812,84178
--	---	---

## Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
WM-10 (25N05Y) (CSJ0884-15) Water    Sampled: 10-21-09 15:15    Received: 10-22-09 08:30									
Total Alkalinity	79	5.0	mg/L	1	CS08041	10-22-09	10-22-09	SM2310B	
Bicarbonate as CaCO3	79	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	0.81	0.50	"	"	CS08103	10-26-09	10-26-09	EPA 300.0	
Specific Conductance (EC)	170	1.0	µmhos/cm	"	CS08034	10-22-09	10-22-09	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CS08033	10-22-09	10-22-09	SM5540 C	
Calcium	22	1.0	"	"	CS08035	10-22-09	10-22-09	200.7/2340B	
Magnesium	5.3	1.0	"	"	"	"	"	"	
Potassium	1.4	1.0	"	"	"	"	"	"	
Sodium	5.8	1.0	"	"	"	"	"	"	
Hardness as CaCO3	78	1.0	"	"	"	"	"	"	
pH	7.88	0.01	pH Units	"	CS08018	10-22-09	10-22-09	SM4500-H B	HT-F
Sulfate as SO4	7.7	0.50	mg/L	"	CS08103	10-26-09	10-26-09	EPA 300.0	
Total Dissolved Solids	100	10	"	"	CS08084	10-23-09	10-26-09	SM2540C	

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

10-28-09 15:23

CRWQCB - Sacramento  
11020 Sun Center Drive, Ste. 200  
Rancho Cordova CA, 95670-6114

Project: Walker Mine  
Project Number: 07-023-150-0  
Project Manager: Jeff Huggins

CLS Work Order #: CSJ0884  
COC #: 94812,84178

## Metals by EPA 200 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WM-5 (LGC/MS) (CSJ0884-01) Water</b> Sampled: 10-21-09 08:45 Received: 10-22-09 08:30									
Aluminum	ND	20	µg/L	1	CS08066	10-23-09	10-23-09	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	ND	1.0	"	"	"	"	"	"	
Iron	540	250	"	5	"	"	"	"	
Zinc	ND	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-3 (DC/DS) (CSJ0884-02) Water</b> Sampled: 10-21-09 09:10 Received: 10-22-09 08:30									
Aluminum	21	20	µg/L	1	CS08066	10-23-09	10-23-09	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	4.6	1.0	"	"	"	"	"	"	
Iron	400	100	"	2	"	"	"	"	
Zinc	ND	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-19 (Settling Pond) (CSJ0884-03) Water</b> Sampled: 10-21-09 09:20 Received: 10-22-09 08:30									
Aluminum	190	20	µg/L	1	CS08066	10-23-09	10-23-09	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	990	5.0	"	5	"	"	"	"	
Iron	410	250	"	"	"	"	"	"	
Zinc	84	2.0	"	1	"	"	"	"	
Cadmium	0.69	0.50	"	"	"	"	"	"	
<b>WM-1 (Portal) (CSJ0884-04) Water</b> Sampled: 10-21-09 09:45 Received: 10-22-09 08:30									
Aluminum	ND	20	µg/L	1	CS08066	10-23-09	10-23-09	EPA 200.8	
Arsenic	8.8	2.0	"	"	"	"	"	"	
Copper	92	1.0	"	"	"	"	"	"	
Iron	52	50	"	"	"	"	"	"	
Zinc	18	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-2 (DC/MS) (CSJ0884-05) Water</b> Sampled: 10-21-09 10:00 Received: 10-22-09 08:30									
Aluminum	ND	20	µg/L	1	CS08066	10-23-09	10-23-09	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	ND	1.0	"	"	"	"	"	"	
Iron	60	50	"	"	"	"	"	"	

CA DOHS ELAP Accreditation/Registration Number 1233

3249 Fitzgerald Road Rancho Cordova, CA 95742

www.californialab.com

916-638-7301

Fax: 916-638-4510

# CALIFORNIA LABORATORY SERVICES

10-28-09 15:23

CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114	Project: Walker Mine Project Number: 07-023-150-0 Project Manager: Jeff Huggins	CLS Work Order #: CSJ0884 COC #: 94812,84178
--	---	---

## Metals by EPA 200 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WM-2 (DC/MS) (CSJ0884-05) Water</b> Sampled: 10-21-09 10:00 Received: 10-22-09 08:30									
Zinc	2.6	2.0	µg/L	1	CS08066	"	10-23-09	EPA 200.8	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-4 (48" Culvert) (CSJ0884-06) Water</b> Sampled: 10-21-09 11:30 Received: 10-22-09 08:30									
Aluminum	ND	20	µg/L	1	CS08066	10-23-09	10-23-09	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	7.9	1.0	"	"	"	"	"	"	
Iron	250	100	"	2	"	"	"	"	
Zinc	3.1	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-9 (Browns Cabin) (CSJ0884-07) Water</b> Sampled: 10-21-09 11:45 Received: 10-22-09 08:30									
Aluminum	ND	20	µg/L	1	CS08066	10-23-09	10-23-09	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	4.9	1.0	"	"	"	"	"	"	
Iron	530	250	"	5	"	"	"	"	
Zinc	ND	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-7a (CSJ0884-08) Water</b> Sampled: 10-21-09 12:10 Received: 10-22-09 08:30									
Aluminum	ND	20	µg/L	1	CS08066	10-23-09	10-23-09	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	16	1.0	"	"	"	"	"	"	
Iron	450	250	"	5	"	"	"	"	
Zinc	2.9	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-7b (CSJ0884-09) Water</b> Sampled: 10-21-09 12:20 Received: 10-22-09 08:30									
Aluminum	ND	20	µg/L	1	CS08066	10-23-09	10-23-09	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	ND	1.0	"	"	"	"	"	"	
Iron	760	250	"	5	"	"	"	"	
Zinc	ND	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-7c (CSJ0884-10) Water</b> Sampled: 10-21-09 12:30 Received: 10-22-09 08:30									
Aluminum	39	20	µg/L	1	CS08066	10-23-09	10-23-09	EPA 200.8	

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

10-28-09 15:23

CRWQCB - Sacramento  
11020 Sun Center Drive, Ste. 200  
Rancho Cordova CA, 95670-6114

Project: Walker Mine  
Project Number: 07-023-150-0  
Project Manager: Jeff Huggins

CLS Work Order #: CSJ0884  
COC #: 94812,84178

## Metals by EPA 200 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WM-7c (CSJ0884-10) Water</b> Sampled: 10-21-09 12:30 Received: 10-22-09 08:30									
Arsenic	ND	2.0	µg/L	1	CS08066	"	10-23-09	EPA 200.8	
Copper	14	1.0	"	"	"	"	"	"	
Iron	340	100	"	2	"	"	"	"	
Zinc	3.0	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-6 (CSJ0884-11) Water</b> Sampled: 10-21-09 12:40 Received: 10-22-09 08:30									
Aluminum	ND	20	µg/L	1	CS08066	10-23-09	10-23-09	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	48	1.0	"	"	"	"	"	"	
Iron	610	250	"	5	"	"	"	"	
Zinc	54	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-12 (Mid B. Ward) (CSJ0884-12) Water</b> Sampled: 10-21-09 14:00 Received: 10-22-09 08:30									
Aluminum	31	20	µg/L	1	CS08066	10-23-09	10-23-09	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	3.7	1.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	"	"	
Zinc	ND	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-17 (NBWC) (CSJ0884-13) Water</b> Sampled: 10-21-09 14:20 Received: 10-22-09 08:30									
Aluminum	ND	20	µg/L	1	CS08066	10-23-09	10-23-09	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	ND	1.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	"	"	
Zinc	ND	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-20 (Far West) (CSJ0884-14) Water</b> Sampled: 10-21-09 14:50 Received: 10-22-09 08:30									
Aluminum	ND	20	µg/L	1	CS08066	10-23-09	10-23-09	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	3.9	1.0	"	"	"	"	"	"	
Iron	90	50	"	"	"	"	"	"	
Zinc	ND	2.0	"	"	"	"	"	"	

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

10-28-09 15:23

CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114	Project: Walker Mine Project Number: 07-023-150-0 Project Manager: Jeff Huggins	CLS Work Order #: CSJ0884 COC #: 94812,84178
--	---	---

## Metals by EPA 200 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WM-20 (Far West) (CSJ0884-14) Water</b> <b>Sampled: 10-21-09 14:50</b> <b>Received: 10-22-09 08:30</b>									
Cadmium	ND	0.50	µg/L	1	CS08066	"	10-23-09	EPA 200.8	
<b>WM-10 (25N05Y) (CSJ0884-15) Water</b> <b>Sampled: 10-21-09 15:15</b> <b>Received: 10-22-09 08:30</b>									
Aluminum	ND	20	µg/L	1	CS08066	10-23-09	10-23-09	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
<b>Copper</b>	<b>2.2</b>	1.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	"	"	
Zinc	ND	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

10-28-09 15:23

CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114	Project: Walker Mine Project Number: 07-023-150-0 Project Manager: Jeff Huggins	CLS Work Order #: CSJ0884 COC #: 94812,84178
--	---	---

## Metals (Dissolved) by EPA 200 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WM-5 (LGC/MS) (CSJ0884-01) Water</b> Sampled: 10-21-09 08:45 Received: 10-22-09 08:30									
Aluminum	28	20	µg/L	1	CS08101	10-26-09	10-26-09	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	ND	2.0	"	"	"	"	"	"	
Iron	260	100	"	2	"	"	"	"	
Zinc	2.4	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-3 (DC/DS) (CSJ0884-02) Water</b> Sampled: 10-21-09 09:10 Received: 10-22-09 08:30									
Aluminum	ND	20	µg/L	1	CS08101	10-26-09	10-26-09	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	2.9	2.0	"	"	"	"	"	"	
Iron	190	50	"	"	"	"	"	"	
Zinc	2.2	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-19 (Settling Pond) (CSJ0884-03) Water</b> Sampled: 10-21-09 09:20 Received: 10-22-09 08:30									
Aluminum	ND	20	µg/L	1	CS08101	10-26-09	10-26-09	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	520	2.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	"	"	
Zinc	80	2.0	"	"	"	"	"	"	
Cadmium	0.54	0.50	"	"	"	"	"	"	
<b>WM-1 (Portal) (CSJ0884-04) Water</b> Sampled: 10-21-09 09:45 Received: 10-22-09 08:30									
Aluminum	ND	20	µg/L	1	CS08101	10-26-09	10-26-09	EPA 200.8	
Arsenic	8.9	5.0	"	"	"	"	"	"	
Copper	79	2.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	"	"	
Zinc	18	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-2 (DC/MS) (CSJ0884-05) Water</b> Sampled: 10-21-09 10:00 Received: 10-22-09 08:30									
Aluminum	ND	20	µg/L	1	CS08101	10-26-09	10-26-09	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	ND	2.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	"	"	

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

10-28-09 15:23

CRWQCB - Sacramento  
11020 Sun Center Drive, Ste. 200  
Rancho Cordova CA, 95670-6114

Project: Walker Mine  
Project Number: 07-023-150-0  
Project Manager: Jeff Huggins

CLS Work Order #: CSJ0884  
COC #: 94812,84178

## Metals (Dissolved) by EPA 200 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WM-2 (DC/MS) (CSJ0884-05) Water</b> Sampled: 10-21-09 10:00 Received: 10-22-09 08:30									
Zinc	ND	2.0	µg/L	1	CS08101	"	10-26-09	EPA 200.8	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-4 (48" Culvert) (CSJ0884-06) Water</b> Sampled: 10-21-09 11:30 Received: 10-22-09 08:30									
Aluminum	ND	20	µg/L	1	CS08101	10-26-09	10-26-09	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	6.0	2.0	"	"	"	"	"	"	
Iron	130	50	"	"	"	"	"	"	
Zinc	ND	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-9 (Browns Cabin) (CSJ0884-07) Water</b> Sampled: 10-21-09 11:45 Received: 10-22-09 08:30									
Aluminum	ND	20	µg/L	1	CS08101	10-26-09	10-26-09	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	3.6	2.0	"	"	"	"	"	"	
Iron	320	100	"	2	"	"	"	"	
Zinc	ND	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-7a (CSJ0884-08) Water</b> Sampled: 10-21-09 12:10 Received: 10-22-09 08:30									
Aluminum	ND	20	µg/L	1	CS08101	10-26-09	10-26-09	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	13	2.0	"	"	"	"	"	"	
Iron	330	100	"	2	"	"	"	"	
Zinc	6.4	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-7b (CSJ0884-09) Water</b> Sampled: 10-21-09 12:20 Received: 10-22-09 08:30									
Aluminum	ND	20	µg/L	1	CS08101	10-26-09	10-26-09	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	ND	2.0	"	"	"	"	"	"	
Iron	420	250	"	5	"	"	"	"	
Zinc	ND	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-7c (CSJ0884-10) Water</b> Sampled: 10-21-09 12:30 Received: 10-22-09 08:30									
Aluminum	ND	20	µg/L	1	CS08101	10-26-09	10-26-09	EPA 200.8	

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

10-28-09 15:23

CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114	Project: Walker Mine Project Number: 07-023-150-0 Project Manager: Jeff Huggins	CLS Work Order #: CSJ0884 COC #: 94812,84178
--	---	---

## Metals (Dissolved) by EPA 200 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WM-7c (CSJ0884-10) Water</b> Sampled: 10-21-09 12:30 Received: 10-22-09 08:30									
Arsenic	ND	5.0	µg/L	1	CS08101	"	10-26-09	EPA 200.8	
Copper	11	2.0	"	"	"	"	"	"	
Iron	250	100	"	2	"	"	"	"	
Zinc	2.9	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-6 (CSJ0884-11) Water</b> Sampled: 10-21-09 12:40 Received: 10-22-09 08:30									
Aluminum	ND	20	µg/L	1	CS08101	10-26-09	10-26-09	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	22	2.0	"	"	"	"	"	"	
Iron	56	50	"	"	"	"	"	"	
Zinc	45	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-12 (Mid B. Ward) (CSJ0884-12) Water</b> Sampled: 10-21-09 14:00 Received: 10-22-09 08:30									
Aluminum	ND	20	µg/L	1	CS08101	10-26-09	10-26-09	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	3.1	2.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	"	"	
Zinc	2.5	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-17 (NBWC) (CSJ0884-13) Water</b> Sampled: 10-21-09 14:20 Received: 10-22-09 08:30									
Aluminum	ND	20	µg/L	1	CS08101	10-26-09	10-26-09	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	ND	2.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	"	"	
Zinc	ND	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>WM-20 (Far West) (CSJ0884-14) Water</b> Sampled: 10-21-09 14:50 Received: 10-22-09 08:30									
Aluminum	ND	20	µg/L	1	CS08101	10-26-09	10-26-09	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	2.9	2.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	"	"	
Zinc	ND	2.0	"	"	"	"	"	"	

CA DOHS ELAP Accreditation/Registration Number 1233



# CALIFORNIA LABORATORY SERVICES

10-28-09 15:23

CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114	Project: Walker Mine Project Number: 07-023-150-0 Project Manager: Jeff Huggins	CLS Work Order #: CSJ0884 COC #: 94812,84178
--	---	---

## Metals (Dissolved) by EPA 200 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WM-20 (Far West) (CSJ0884-14) Water</b> Sampled: 10-21-09 14:50    Received: 10-22-09 08:30									
Cadmium	ND	0.50	µg/L	1	CS08101	"	10-26-09	EPA 200.8	
<b>WM-10 (25N05Y) (CSJ0884-15) Water</b> Sampled: 10-21-09 15:15    Received: 10-22-09 08:30									
Aluminum	ND	20	µg/L	1	CS08101	10-26-09	10-26-09	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	ND	2.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	"	"	
Zinc	ND	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

10-28-09 15:23

CRWQCB - Sacramento  
11020 Sun Center Drive, Ste. 200  
Rancho Cordova CA, 95670-6114

Project: Walker Mine  
Project Number: 07-023-150-0  
Project Manager: Jeff Huggins

CLS Work Order #: CSJ0884  
COC #: 94812,84178

## Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch CS08033 - General Preparation</b>										
<b>Blank (CS08033-BLK1)</b>				Prepared & Analyzed: 10-22-09						
Methylene Blue Active Substances	ND	0.10	mg/L							
<b>LCS (CS08033-BS1)</b>				Prepared & Analyzed: 10-22-09						
Methylene Blue Active Substances	0.480	0.10	mg/L	0.500		96	80-120			
<b>LCS Dup (CS08033-BSD1)</b>				Prepared & Analyzed: 10-22-09						
Methylene Blue Active Substances	0.476	0.10	mg/L	0.500		95	80-120	0.8	20	
<b>Matrix Spike (CS08033-MS1)</b>				Source: CSJ0884-01 Prepared & Analyzed: 10-22-09						
Methylene Blue Active Substances	0.500	0.10	mg/L	0.500	ND	100	75-125			
<b>Matrix Spike Dup (CS08033-MSD1)</b>				Source: CSJ0884-01 Prepared & Analyzed: 10-22-09						
Methylene Blue Active Substances	0.512	0.10	mg/L	0.500	ND	102	75-125	2	25	
<b>Batch CS08034 - General Preparation</b>										
<b>Blank (CS08034-BLK1)</b>				Prepared & Analyzed: 10-22-09						
Specific Conductance (EC)	ND	1.0	µmhos/cm							
<b>Batch CS08035 - 6010A/No Digestion</b>										
<b>Blank (CS08035-BLK1)</b>				Prepared & Analyzed: 10-22-09						
Calcium	ND	1.0	mg/L							
Magnesium	ND	1.0	"							
Potassium	ND	1.0	"							
Sodium	ND	1.0	"							
Hardness as CaCO <sub>3</sub>	ND	1.0	"							

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

10-28-09 15:23

CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114	Project: Walker Mine Project Number: 07-023-150-0 Project Manager: Jeff Huggins	CLS Work Order #: CSJ0884 COC #: 94812,84178
--	---	---

## Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limits	RPD	RPD Limit	Notes
<b>Batch CS08035 - 6010A/No Digestion</b>										
<b>LCS (CS08035-BS1)</b> Prepared & Analyzed: 10-22-09										
Calcium	9.56	1.0	mg/L	10.0		96	80-120			
Magnesium	12.7	1.0	"	12.0		106	80-120			
Potassium	9.73	1.0	"	10.0		97	80-120			
Sodium	11.5	1.0	"	10.0		115	80-120			
<b>LCS Dup (CS08035-BSD1)</b> Prepared & Analyzed: 10-22-09										
Calcium	9.65	1.0	mg/L	10.0		97	80-120	1	20	
Magnesium	12.8	1.0	"	12.0		107	80-120	0.8	20	
Potassium	9.82	1.0	"	10.0		98	80-120	1	20	
Sodium	11.6	1.0	"	10.0		116	80-120	1	20	
<b>Matrix Spike (CS08035-MS1)</b> Source: CSJ0884-01 Prepared & Analyzed: 10-22-09										
Calcium	26.1	1.0	mg/L	10.0	15.5	105	75-125			
Magnesium	20.8	1.0	"	12.0	7.49	111	75-125			
Potassium	12.7	1.0	"	10.0	2.42	103	75-125			
Sodium	17.7	1.0	"	10.0	4.96	127	75-125			QM-7
<b>Matrix Spike Dup (CS08035-MSD1)</b> Source: CSJ0884-01 Prepared & Analyzed: 10-22-09										
Calcium	26.9	1.0	mg/L	10.0	15.5	113	75-125	3	25	
Magnesium	22.2	1.0	"	12.0	7.49	123	75-125	7	25	
Potassium	13.7	1.0	"	10.0	2.42	112	75-125	7	25	
Sodium	18.3	1.0	"	10.0	4.96	133	75-125	3	25	QM-7
<b>Batch CS08041 - General Preparation</b>										
<b>Blank (CS08041-BLK1)</b> Prepared & Analyzed: 10-22-09										
Total Alkalinity	ND	5.0	mg/L							
Bicarbonate as CaCO3	ND	5.0	"							
Carbonate as CaCO3	ND	5.0	"							
Hydroxide as CaCO3	ND	5.0	"							

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

10-28-09 15:23

CRWQCB - Sacramento  
11020 Sun Center Drive, Ste. 200  
Rancho Cordova CA, 95670-6114

Project: Walker Mine  
Project Number: 07-023-150-0  
Project Manager: Jeff Huggins

CLS Work Order #: CSJ0884  
COC #: 94812,84178

## Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch CS08041 - General Preparation</b>										
<b>Duplicate (CS08041-DUP1)</b>		Source: CSJ0884-01			Prepared & Analyzed: 10-22-09					
Total Alkalinity	75.4	5.0	mg/L		74.8			0.8	20	
Bicarbonate as CaCO <sub>3</sub>	75.4	5.0	"		74.8			0.8	20	
Carbonate as CaCO <sub>3</sub>	ND	5.0	"		ND				20	
Hydroxide as CaCO <sub>3</sub>	ND	5.0	"		ND				20	
<b>Batch CS08084 - General Preparation</b>										
<b>Blank (CS08084-BLK1)</b>		Prepared: 10-23-09 Analyzed: 10-26-09								
Total Dissolved Solids	ND	10	mg/L							
<b>Duplicate (CS08084-DUP1)</b>		Source: CSJ0884-01			Prepared: 10-23-09 Analyzed: 10-26-09					
Total Dissolved Solids	96.0	10	mg/L		101			5	20	
<b>Batch CS08103 - General Prep</b>										
<b>Blank (CS08103-BLK1)</b>		Prepared & Analyzed: 10-26-09								
Chloride	ND	0.50	mg/L							
Sulfate as SO <sub>4</sub>	ND	0.50	"							
<b>LCS (CS08103-BS1)</b>		Prepared & Analyzed: 10-26-09								
Chloride	1.92	0.50	mg/L	2.00		96	80-120			
Sulfate as SO <sub>4</sub>	5.19	0.50	"	5.00		104	80-120			
<b>LCS Dup (CS08103-BSD1)</b>		Prepared & Analyzed: 10-26-09								
Chloride	1.95	0.50	mg/L	2.00		97	80-120	2	20	
Sulfate as SO <sub>4</sub>	5.26	0.50	"	5.00		105	80-120	1	20	

CA DOHS ELAP Accreditation/Registration Number 1233

3249 Fitzgerald Road Rancho Cordova, CA 95742

www.californialab.com

916-638-7301

Fax: 916-638-4510

# CALIFORNIA LABORATORY SERVICES

10-28-09 15:23

CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114	Project: Walker Mine Project Number: 07-023-150-0 Project Manager: Jeff Huggins	CLS Work Order #: CSJ0884 COC #: 94812,84178
--	---	---

## Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch CS08103 - General Prep</b>										
<b>Matrix Spike (CS08103-MS1)</b>										
Source: CSJ0884-01 Prepared & Analyzed: 10-26-09										
Sulfate as SO4	5.50	0.50	mg/L	5.00	ND	110	75-125			
Chloride	2.71	0.50	"	2.00	0.854	93	75-125			
<b>Matrix Spike Dup (CS08103-MSD1)</b>										
Source: CSJ0884-01 Prepared & Analyzed: 10-26-09										
Chloride	2.78	0.50	mg/L	2.00	0.854	96	75-125	2	25	
Sulfate as SO4	5.73	0.50	"	5.00	ND	115	75-125	4	25	

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

10-28-09 15:23

CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114	Project: Walker Mine Project Number: 07-023-150-0 Project Manager: Jeff Huggins	CLS Work Order #: CSJ0884 COC #: 94812,84178
--	---	---

## Metals by EPA 200 Series Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %RBC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch CS08066 - EPA 3020A</b>										
<b>Blank (CS08066-BLK1)</b> Prepared & Analyzed: 10-23-09										
Aluminum	ND	20	µg/L							
Arsenic	ND	2.0	"							
Copper	ND	1.0	"							
Iron	ND	50	"							
Zinc	ND	2.0	"							
Cadmium	ND	0.50	"							
<b>LCS (CS08066-BS1)</b> Prepared & Analyzed: 10-23-09										
Aluminum	100	20	µg/L	100		100	80-120			
Arsenic	100	2.0	"	100		100	80-120			
Copper	105	1.0	"	100		105	80-120			
Iron	131	50	"	100		131	80-120			QM-7
Zinc	108	2.0	"	100		108	80-120			
Cadmium	10.5	0.50	"	10.0		105	80-120			
<b>LCS Dup (CS08066-BSD1)</b> Prepared & Analyzed: 10-23-09										
Aluminum	103	20	µg/L	100		103	80-120	3	20	
Arsenic	102	2.0	"	100		102	80-120	2	20	
Copper	112	1.0	"	100		112	80-120	6	20	
Iron	131	50	"	100		131	80-120	0.5	20	QM-7
Zinc	105	2.0	"	100		105	80-120	3	20	
Cadmium	11.0	0.50	"	10.0		110	80-120	4	20	
<b>Matrix Spike (CS08066-MS1)</b> Source: CSJ0884-01 Prepared & Analyzed: 10-23-09										
Aluminum	115	20	µg/L	100	18.7	97	75-125			
Arsenic	105	2.0	"	100	ND	105	75-125			
Copper	104	1.0	"	100	0.320	103	75-125			
Iron	653	50	"	100	542	111	75-125			
Zinc	99.8	2.0	"	100	ND	100	75-125			
Cadmium	10.7	0.50	"	10.0	ND	107	75-125			

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

10-28-09 15:23

CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114	Project: Walker Mine Project Number: 07-023-150-0 Project Manager: Jeff Huggins	CLS Work Order #: CSJ0884 COC #: 94812,84178
--	---	---

## Metals by EPA 200 Series Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%RBC Limits	RPD	RPD Limit	Notes
<b>Batch CS08066 - EPA 3020A</b>										
<b>Matrix Spike (CS08066-MS2)</b>			<b>Source: CSJ0884-10</b>		<b>Prepared &amp; Analyzed: 10-23-09</b>					
Aluminum	136	20	µg/L	100	39.4	97	75-125			
Arsenic	106	2.0	"	100	ND	106	75-125			
Copper	117	1.0	"	100	14.3	103	75-125			
Iron	461	50	"	100	344	117	75-125			
Zinc	101	2.0	"	100	2.96	98	75-125			
Cadmium	11.0	0.50	"	10.0	ND	110	75-125			
<b>Matrix Spike Dup (CS08066-MSD1)</b>			<b>Source: CSJ0884-01</b>		<b>Prepared &amp; Analyzed: 10-23-09</b>					
Aluminum	115	20	µg/L	100	18.7	96	75-125	0.6	25	
Arsenic	104	2.0	"	100	ND	104	75-125	1	25	
Copper	103	1.0	"	100	0.320	102	75-125	0.9	25	
Iron	653	50	"	100	542	111	75-125	0.04	25	
Zinc	99.9	2.0	"	100	ND	100	75-125	0.1	25	
Cadmium	10.7	0.50	"	10.0	ND	107	75-125	0.09	25	
<b>Matrix Spike Dup (CS08066-MSD2)</b>			<b>Source: CSJ0884-10</b>		<b>Prepared &amp; Analyzed: 10-23-09</b>					
Aluminum	132	20	µg/L	100	39.4	92	75-125	3	25	
Arsenic	104	2.0	"	100	ND	104	75-125	2	25	
Copper	114	1.0	"	100	14.3	100	75-125	2	25	
Iron	435	50	"	100	344	91	75-125	6	25	
Zinc	97.5	2.0	"	100	2.96	95	75-125	3	25	
Cadmium	10.7	0.50	"	10.0	ND	107	75-125	3	25	

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

10-28-09 15:23

CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114	Project: Walker Mine Project Number: 07-023-150-0 Project Manager: Jeff Huggins	CLS Work Order #: CSJ0884 COC #: 94812,84178
--	---	---

## Metals (Dissolved) by EPA 200 Series Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch CS08101 - EPA 3020A</b>										
<b>Blank (CS08101-BLK1)</b>				Prepared & Analyzed: 10-26-09						
Aluminum	ND	20	µg/L							
Arsenic	ND	5.0	"							
Copper	ND	2.0	"							
Iron	ND	50	"							
Zinc	ND	2.0	"							
Cadmium	ND	0.50	"							
<b>LCS (CS08101-BS1)</b>				Prepared & Analyzed: 10-26-09						
Aluminum	95.7	20	µg/L	100		96	80-120			
Arsenic	103	5.0	"	100		103	80-120			
Copper	103	2.0	"	100		103	80-120			
Iron	98.2	50	"	100		98	80-120			
Zinc	104	2.0	"	100		104	80-120			
Cadmium	10.2	0.50	"	10.0		102	80-120			
<b>LCS Dup (CS08101-BSD1)</b>				Prepared & Analyzed: 10-26-09						
Aluminum	96.0	20	µg/L	100		96	80-120	0.4	20	
Arsenic	103	5.0	"	100		103	80-120	0.3	20	
Copper	104	2.0	"	100		104	80-120	1	20	
Iron	107	50	"	100		107	80-120	9	20	
Zinc	102	2.0	"	100		102	80-120	3	20	
Cadmium	10.0	0.50	"	10.0		100	80-120	2	20	
<b>Matrix Spike (CS08101-MS1)</b>				Source: CSJ0884-02		Prepared & Analyzed: 10-26-09				
Aluminum	98.6	20	µg/L	100	10.8	88	75-125			
Arsenic	103	5.0	"	100	ND	103	75-125			
Copper	99.0	2.0	"	100	2.85	96	75-125			
Iron	282	50	"	100	188	94	75-125			
Zinc	99.6	2.0	"	100	2.16	97	75-125			
Cadmium	10.1	0.50	"	10.0	ND	101	75-125			

CA DOHS ELAP Accreditation/Registration Number 1233



# CALIFORNIA LABORATORY SERVICES

10-28-09 15:23

CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114	Project: Walker Mine Project Number: 07-023-150-0 Project Manager: Jeff Huggins	CLS Work Order #: CSJ0884 COC #: 94812,84178
--	---	---

## Metals (Dissolved) by EPA 200 Series Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch CS08101 - EPA 3020A</b>										
<b>Matrix Spike (CS08101-MS2)</b>			<b>Source: CSJ0884-10</b>		<b>Prepared &amp; Analyzed: 10-26-09</b>					
Aluminum	98.9	20	µg/L	100	12.4	87	75-125			
Arsenic	102	5.0	"	100	ND	102	75-125			
Copper	105	2.0	"	100	10.8	94	75-125			
Iron	317	50	"	100	255	62	75-125			QM-7
Zinc	99.0	2.0	"	100	2.94	96	75-125			
Cadmium	10.4	0.50	"	10.0	ND	104	75-125			
<b>Matrix Spike Dup (CS08101-MSD1)</b>			<b>Source: CSJ0884-02</b>		<b>Prepared &amp; Analyzed: 10-26-09</b>					
Aluminum	101	20	µg/L	100	10.8	90	75-125	3	25	
Arsenic	103	5.0	"	100	ND	103	75-125	0.4	25	
Copper	99.6	2.0	"	100	2.85	97	75-125	0.6	25	
Iron	288	50	"	100	188	100	75-125	2	25	
Zinc	102	2.0	"	100	2.16	100	75-125	3	25	
Cadmium	10.2	0.50	"	10.0	ND	102	75-125	0.9	25	
<b>Matrix Spike Dup (CS08101-MSD2)</b>			<b>Source: CSJ0884-10</b>		<b>Prepared &amp; Analyzed: 10-26-09</b>					
Aluminum	97.9	20	µg/L	100	12.4	85	75-125	1	25	
Arsenic	98.9	5.0	"	100	ND	99	75-125	3	25	
Copper	105	2.0	"	100	10.8	94	75-125	0.1	25	
Iron	327	50	"	100	255	72	75-125	3	25	QM-7
Zinc	98.8	2.0	"	100	2.94	96	75-125	0.2	25	
Cadmium	10.1	0.50	"	10.0	ND	101	75-125	3	25	

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

10-28-09 15:23

CRWQCB - Sacramento  
11020 Sun Center Drive, Ste. 200  
Rancho Cordova CA, 95670-6114

Project: Walker Mine  
Project Number: 07-023-150-0  
Project Manager: Jeff Huggins

CLS Work Order #: CSJ0884  
COC #: 94812,84178

## Notes and Definitions

- QM-7 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS/LCSD recovery.
- HT-F This is a field test method and it is performed in the lab outside holding time.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference

**Exhibit 70**

# CALIFORNIA LABORATORY SERVICES

3249 Fitzgerald Road Rancho Cordova, CA 95742

16 June 2010

CLS Work Order #: CTF0482

COC #: 2 Chains

Leticia Valadez  
CRWQCB - Sacramento


11020 Sun Center Drive, Ste. 200  
Rancho Cordova, CA 95670-6114

**Project Name: Walker Mine**

Enclosed are the results of analyses for samples received by the laboratory on 06/10/10 09:15. Samples were analyzed pursuant to client request utilizing EPA or other ELAP approved methodologies. I certify that the results are in compliance both technically and for completeness.

Analytical results are attached to this letter. Please call if we can provide additional assistance.

Sincerely,



James Liang, Ph.D.  
Laboratory Director

CA DOHS ELAP Accreditation/Registration number 1233

# CLS - Labs

CHAIN OF CUSTODY

CLS ID No.: CLF0482

LOG NO. 94815

1092

**REPORT TO:**

NAME AND ADDRESS  
Leticia Velazquez  
Central Valley Water Board  
Rancho Cordoba, CA 95610

CLIENT JOB NUMBER  
07-023-150  
DESTINATION LABORATORY  
CLS (916) 638-7301  
3249 FITZGERALD RD,  
RANCHO CORDOVA, CA,  
95742

PROJECT MANAGER  
Jeff Higgins (916) 464-4639  
PROJECT NAME  
Walker Mine

CLS (916) 638-7301  
3249 FITZGERALD RD,  
RANCHO CORDOVA, CA,  
95742

SAMPLED BY  
Jeff Higgins / Rob Hall  
JOB DESCRIPTION  
Water Quality Monitoring

OTHER

SITE LOCATION  
Plumas County

DATE TIME IDENTIFICATION SAMPLE MATRIX CONTAINER NO. TYPE

ANALYSIS REQUESTED  
PRESERVATIVES  
Bid Group 7 - General Minerals  
Bid Group 7 - Metals (Total)  
Bid Group 7 - Metals (Dissol)

GEOTRACKER:  YES  NO  
EDF REPORT  YES  NO  
GLOBAL ID: \_\_\_\_\_  
COMPOSITE: \_\_\_\_\_  
FIELD CONDITIONS: \_\_\_\_\_  
TURN AROUND TIME: 1 DAY, 2 DAY, 5 DAY, 10 DAY  
SPECIAL INSTRUCTIONS: OR ALT. ID: \_\_\_\_\_

DATE	TIME	IDENTIFICATION	SAMPLE	MATRIX	CONTAINER NO.	TYPE	PRESERVATIVES	ANALYSIS REQUESTED	RECEIVED BY (SIGN)	PRINT NAME / COMPANY
6-9-10	0920	WM-5	Lsc/MS.	Water	3	Plastic	None			
		0940	WM-3 DC/DS							
		0950	WM-19 Pond							
1030 →	1020	WM-1	Pond							
		1020	WM-2 - DC-MS.							
		1215	WM-4 24" Culvert							
		1230	WM-9 LECO Brecons Cabin							
		1250	WM-6 MSFS Dam							
		1300	WM-7b							
		1305	WM-7c							
		1325	WM-7a							
		1420	WM-11							
		1430	WM-12							

SUSPECTED CONSTITUENTS  
RELINQUISHED BY (SIGN) \_\_\_\_\_ PRINT NAME / COMPANY \_\_\_\_\_ DATE / TIME \_\_\_\_\_ RECEIVED BY (SIGN) \_\_\_\_\_ PRINT NAME / COMPANY \_\_\_\_\_

Robert Hall CURB 6/10/10 0915

DATE TIME 6/10 0915

SHIPPED BY:  FED X  UPS  OTHER \_\_\_\_\_ AIR BILL # \_\_\_\_\_

REPORT TO:

NAME AND ADDRESS  
 Leticia Velazquez  
 Central Valley Water Board  
 Rancho Cordoba CA 95810

CLIENT JOB NUMBER  
 07-023-150

DESTINATION LABORATORY

PROJECT MANAGER  
 Jeff Higgins (916) 464-4139  
 PROJECT NAME  
 Walker Mine

CLS (916) 638-7301  
 3249 FITZGERALD RD.  
 RANCHO CORDOBA, CA, 95742

SAMPLED BY: Jeff Higgins/Rob Hall

OTHER

JOB DESCRIPTION  
 Water Quality Monitoring

SITE LOCATION

Plumes County

DATE TIME IDENTIFICATION

MATRIX NO. CONTAINER TYPE

PRESERVATIVES

ANALYSIS REQUESTED  
 Bid Group 7- General Mining  
 Bid Group 7- Metals (Total)  
 Bid Group 7- Metals (Dissol)

TURN AROUND TIME  
 1 DAY 2 DAY 5 DAY 10 DAY

SPECIAL INSTRUCTIONS

OR

ALT. ID:

Need low detection limits for Metals.

6-9-10 1440 WM-13  
 1445 WM-17  
 1520 WM-18  
 1545 WM-16  
 1600 WM-15  
 1605 WM-14  
 1700 WM-10

Water 3 Plastic 1/3

Preservatives: (1) HCL, (2) HNO<sub>3</sub>, (3) = COLD, (4) = NaOH, (5) = H<sub>2</sub>SO<sub>4</sub>, (6) = Na<sub>2</sub>SO<sub>4</sub>, (7) =

SUSPECTED CONSTITUENTS

RELINQUISHED BY (SIGN)

PRINT NAME / COMPANY

DATE / TIME

RECEIVED BY (SIGN)

PRINT NAME / COMPANY

*[Signature]*

Robert Hall

6/10/10

*[Signature]*

CVWB

NEED LAB BY:

DATE / TIME

0915

CONDITIONS / COMMENTS

*[Signature]*

SHIPPED BY:

FED X

UPS

OTHER

AIR BILL #

## MDL REPORT

This is a "MDL Report", thus if the report denotes an "ND" for a particular analyte, it should be noted that the analyte was not detected at or above the MDL.

# CALIFORNIA LABORATORY SERVICES

06/16/10 08:00

CRWQCB - Sacramento  
11020 Sun Center Drive, Ste. 200  
Rancho Cordova CA, 95670-6114

Project: Walker Mine  
Project Number: [none]  
Project Manager: Leticia Valadez

CLS Work Order #: CTF0482  
COC #: 2 Chains

## Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WM-5 (LGC/MS) (CTF0482-01) Water</b> <b>Sampled: 06/09/10 09:20</b> <b>Received: 06/10/10 09:15</b>										
Total Alkalinity	22		5.0	mg/L	1	CT04196	06/11/10	06/11/10	SM2310B	
Bicarbonate as CaCO3	22		5.0	"	1	"	"	"	"	
Carbonate as CaCO3	ND		5.0	"	1	"	"	"	"	
Hydroxide as CaCO3	ND		5.0	"	1	"	"	"	"	
Chloride	0.51		0.50	"	1	CT04167	06/10/10	06/10/10	EPA 300.0	
Specific Conductance (EC)	44		1.0	µmhos/cm	1	CT04169	06/10/10	06/10/10	EPA 120.1	
Methylene Blue Active Substances	ND		0.10	mg/L	1	CT04172	06/10/10	06/11/10	SM5540 C	
Calcium	5.2	0.031	1.0	"	1	CT04168	06/10/10	06/10/10	200.7/2340B	
Magnesium	1.7	0.028	1.0	"	1	"	"	"	"	
Potassium	ND	0.87	1.0	"	1	"	"	"	"	
Sodium	2.7	0.021	1.0	"	1	"	"	"	"	
Hardness as CaCO3	20		1.0	"	1	"	"	"	"	
pH	7.16		0.01	pH Units	1	CT04134	06/10/10	06/10/10	SM4500-H B	HT-F
Sulfate as SO4	ND		0.50	mg/L	1	CT04167	06/10/10	06/10/10	EPA 300.0	
Total Dissolved Solids	47		10	"	1	CT04202	06/11/10	06/14/10	SM2540C	
<b>WM-3 (DC/DS) (CTF0482-02) Water</b> <b>Sampled: 06/09/10 09:40</b> <b>Received: 06/10/10 09:15</b>										
Total Alkalinity	55		5.0	mg/L	1	CT04196	06/11/10	06/11/10	SM2310B	
Bicarbonate as CaCO3	55		5.0	"	1	"	"	"	"	
Carbonate as CaCO3	ND		5.0	"	1	"	"	"	"	
Hydroxide as CaCO3	ND		5.0	"	1	"	"	"	"	
Chloride	0.55		0.50	"	1	CT04167	06/10/10	06/10/10	EPA 300.0	
Specific Conductance (EC)	110		1.0	µmhos/cm	1	CT04169	06/10/10	06/10/10	EPA 120.1	
Methylene Blue Active Substances	ND		0.10	mg/L	1	CT04172	06/10/10	06/11/10	SM5540 C	
Calcium	12	0.031	1.0	"	1	CT04168	06/10/10	06/10/10	200.7/2340B	
Magnesium	5.9	0.028	1.0	"	1	"	"	"	"	
Potassium	0.97	0.87	1.0	"	1	"	"	"	"	J
Sodium	3.0	0.021	1.0	"	1	"	"	"	"	
Hardness as CaCO3	54		1.0	"	1	"	"	"	"	
pH	7.52		0.01	pH Units	1	CT04134	06/10/10	06/10/10	SM4500-H B	HT-F
Sulfate as SO4	1.6		0.50	mg/L	1	CT04167	06/10/10	06/10/10	EPA 300.0	
Total Dissolved Solids	81		10	"	1	CT04202	06/11/10	06/14/10	SM2540C	

CA DOHS ELAP Accreditation/Registration Number 1233



# CALIFORNIA LABORATORY SERVICES

06/16/10 08:00

CRWQCB - Sacramento  
11020 Sun Center Drive, Ste. 200  
Rancho Cordova CA, 95670-6114

Project: Walker Mine  
Project Number: [none]  
Project Manager: Leticia Valadez

CLS Work Order #: CTF0482  
COC #: 2 Chains

## Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WM-19 (Pond) (CTF0482-03) Water</b> Sampled: 06/09/10 09:50    Received: 06/10/10 09:15										
Total Alkalinity	15		5.0	mg/L	1	CT04196	06/11/10	06/11/10	SM2310B	
Bicarbonate as CaCO3	15		5.0	"	1	"	"	"	"	
Carbonate as CaCO3	ND		5.0	"	1	"	"	"	"	
Hydroxide as CaCO3	ND		5.0	"	1	"	"	"	"	
Chloride	0.55		0.50	"	1	CT04167	06/10/10	06/10/10	EPA 300.0	
Specific Conductance (EC)	160		1.0	µmhos/cm	1	CT04169	06/10/10	06/10/10	EPA 120.1	
Methylene Blue Active Substances	ND		0.10	mg/L	1	CT04172	06/10/10	06/11/10	SM5540 C	
Calcium	20	0.031	1.0	"	1	CT04168	06/10/10	06/10/10	200.7/2340B	
Magnesium	4.5	0.028	1.0	"	1	"	"	"	"	
Potassium	1.8	0.87	1.0	"	1	"	"	"	"	
Sodium	3.9	0.021	1.0	"	1	"	"	"	"	
Hardness as CaCO3	68		1.0	"	1	"	"	"	"	
pH	6.88		0.01	pH Units	1	CT04134	06/10/10	06/10/10	SM4500-H B	HT-F
Sulfate as SO4	55		2.5	mg/L	5	CT04167	06/10/10	06/11/10	EPA 300.0	
Total Dissolved Solids	130		10	"	1	CT04202	06/11/10	06/14/10	SM2540C	
<b>WM-1 (Portal) (CTF0482-04) Water</b> Sampled: 06/09/10 10:30    Received: 06/10/10 09:15										
Total Alkalinity	61		5.0	mg/L	1	CT04196	06/11/10	06/11/10	SM2310B	
Bicarbonate as CaCO3	61		5.0	"	1	"	"	"	"	
Carbonate as CaCO3	ND		5.0	"	1	"	"	"	"	
Hydroxide as CaCO3	ND		5.0	"	1	"	"	"	"	
Chloride	0.66		0.50	"	1	CT04167	06/10/10	06/10/10	EPA 300.0	
Specific Conductance (EC)	120		1.0	µmhos/cm	1	CT04169	06/10/10	06/10/10	EPA 120.1	
Methylene Blue Active Substances	ND		0.10	mg/L	1	CT04172	06/10/10	06/11/10	SM5540 C	
Calcium	12	0.031	1.0	"	1	CT04168	06/10/10	06/10/10	200.7/2340B	
Magnesium	5.0	0.028	1.0	"	1	"	"	"	"	
Potassium	ND	0.87	1.0	"	1	"	"	"	"	
Sodium	5.2	0.021	1.0	"	1	"	"	"	"	
Hardness as CaCO3	51		1.0	"	1	"	"	"	"	
pH	7.67		0.01	pH Units	1	CT04134	06/10/10	06/10/10	SM4500-H B	HT-F
Sulfate as SO4	1.2		0.50	mg/L	1	CT04167	06/10/10	06/10/10	EPA 300.0	
Total Dissolved Solids	99		10	"	1	CT04202	06/11/10	06/14/10	SM2540C	

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

06/16/10 08:00

CRWQCB - Sacramento  
11020 Sun Center Drive, Ste. 200  
Rancho Cordova CA, 95670-6114

Project: Walker Mine  
Project Number: [none]  
Project Manager: Leticia Valadez

CLS Work Order #: CTF0482  
COC #: 2 Chains

## Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WM-2 (DC/MS) (CTF0482-05) Water</b> Sampled: 06/09/10 10:20    Received: 06/10/10 09:15										
Total Alkalinity	68		5.0	mg/L	1	CT04196	06/11/10	06/11/10	SM2310B	
Bicarbonate as CaCO3	68		5.0	"	1	"	"	"	"	
Carbonate as CaCO3	ND		5.0	"	1	"	"	"	"	
Hydroxide as CaCO3	ND		5.0	"	1	"	"	"	"	
Chloride	0.60		0.50	"	1	CT04167	06/10/10	06/10/10	EPA.300.0	
Specific Conductance (EC)	130		1.0	µmhos/cm	1	CT04169	06/10/10	06/10/10	EPA 120.1	
Methylene Blue Active Substances	ND		0.10	mg/L	1	CT04172	06/10/10	06/11/10	SM5540 C	
Calcium	15	0.031	1.0	"	1	CT04168	06/10/10	06/10/10	200.7/2340B	
Magnesium	7.8	0.028	1.0	"	1	"	"	"	"	
Potassium	ND	0.87	1.0	"	1	"	"	"	"	
Sodium	2.9	0.021	1.0	"	1	"	"	"	"	
Hardness as CaCO3	69		1.0	"	1	"	"	"	"	
pH	7.67		0.01	pH Units	1	CT04134	06/10/10	06/10/10	SM4500-H B	HT-F
Sulfate as SO4	ND		0.50	mg/L	1	CT04167	06/10/10	06/10/10	EPA 300.0	
Total Dissolved Solids	99		10	"	1	CT04202	06/11/10	06/14/10	SM2540C	
<b>WM-4 (@ 48' Culvert) (CTF0482-06) Water</b> Sampled: 06/09/10 12:15    Received: 06/10/10 09:15										
Total Alkalinity	50		5.0	mg/L	1	CT04196	06/11/10	06/11/10	SM2310B	
Bicarbonate as CaCO3	50		5.0	"	1	"	"	"	"	
Carbonate as CaCO3	ND		5.0	"	1	"	"	"	"	
Hydroxide as CaCO3	ND		5.0	"	1	"	"	"	"	
Chloride	0.57		0.50	"	1	CT04167	06/10/10	06/10/10	EPA 300.0	
Specific Conductance (EC)	98		1.0	µmhos/cm	1	CT04169	06/10/10	06/10/10	EPA 120.1	
Methylene Blue Active Substances	ND		0.10	mg/L	1	CT04172	06/10/10	06/11/10	SM5540 C	
Calcium	11	0.031	1.0	"	1	CT04168	06/10/10	06/10/10	200.7/2340B	
Magnesium	5.3	0.028	1.0	"	1	"	"	"	"	
Potassium	1.1	0.87	1.0	"	1	"	"	"	"	
Sodium	3.0	0.021	1.0	"	1	"	"	"	"	
Hardness as CaCO3	50		1.0	"	1	"	"	"	"	
pH	7.62		0.01	pH Units	1	CT04134	06/10/10	06/10/10	SM4500-H B	HT-F
Sulfate as SO4	1.7		0.50	mg/L	1	CT04167	06/10/10	06/10/10	EPA 300.0	
Total Dissolved Solids	83		10	"	1	CT04202	06/11/10	06/14/10	SM2540C	

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

06/16/10 08:00

CRWQCB - Sacramento  
11020 Sun Center Drive, Ste. 200  
Rancho Cordova CA, 95670-6114

Project: Walker Mine  
Project Number: [none]  
Project Manager: Leticia Valadez

CLS Work Order #: CTF0482  
COC #: 2 Chains

## Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WM-9 (LGC @ Browns Cabin) (CTF0482-07) Water</b> Sampled: 06/09/10 12:30 Received: 06/10/10 09:15										
Total Alkalinity	28		5.0	mg/L	1	CT04196	06/11/10	06/11/10	SM2310B	
Bicarbonate as CaCO3	28		5.0	"	1	"	"	"	"	
Carbonate as CaCO3	ND		5.0	"	1	"	"	"	"	
Hydroxide as CaCO3	ND		5.0	"	1	"	"	"	"	
Chloride	0.51		0.50	"	1	CT04167	06/10/10	06/10/10	EPA 300.0	
Specific Conductance (EC)	48		1.0	µmhos/cm	1	CT04169	06/10/10	06/10/10	EPA 120.1	
Methylene Blue Active Substances	ND		0.10	mg/L	1	CT04172	06/10/10	06/11/10	SM5540 C	
Calcium	5.7	0.031	1.0	"	1	CT04168	06/10/10	06/10/10	200.7/2340B	
Magnesium	1.8	0.028	1.0	"	1	"	"	"	"	
Potassium	ND	0.87	1.0	"	1	"	"	"	"	
Sodium	2.6	0.021	1.0	"	1	"	"	"	"	
Hardness as CaCO3	21		1.0	"	1	"	"	"	"	
pH	7.61		0.01	pH Units	1	CT04134	06/10/10	06/10/10	SM4500-H B	HT-F
Sulfate as SO4	0.84		0.50	mg/L	1	CT04167	06/10/10	06/10/10	EPA 300.0	
Total Dissolved Solids	52		10	"	1	CT04202	06/11/10	06/14/10	SM2540C	
<b>WM-6 (MSFS Dam) (CTF0482-08) Water</b> Sampled: 06/09/10 12:50 Received: 06/10/10 09:15										
Total Alkalinity	39		5.0	mg/L	1	CT04196	06/11/10	06/11/10	SM2310B	
Bicarbonate as CaCO3	39		5.0	"	1	"	"	"	"	
Carbonate as CaCO3	ND		5.0	"	1	"	"	"	"	
Hydroxide as CaCO3	ND		5.0	"	1	"	"	"	"	
Chloride	0.59		0.50	"	1	CT04167	06/10/10	06/11/10	EPA 300.0	
Specific Conductance (EC)	210		1.0	µmhos/cm	1	CT04169	06/10/10	06/10/10	EPA 120.1	
Methylene Blue Active Substances	ND		0.10	mg/L	1	CT04172	06/10/10	06/11/10	SM5540 C	
Calcium	22	0.031	1.0	"	1	CT04168	06/10/10	06/10/10	200.7/2340B	
Magnesium	4.1	0.028	1.0	"	1	"	"	"	"	
Potassium	2.3	0.87	1.0	"	1	"	"	"	"	
Sodium	4.9	0.021	1.0	"	1	"	"	"	"	
Hardness as CaCO3	73		1.0	"	1	"	"	"	"	
pH	7.79		0.01	pH Units	1	CT04134	06/10/10	06/10/10	SM4500-H B	HT-F
Sulfate as SO4	39		0.50	mg/L	1	CT04167	06/10/10	06/11/10	EPA 300.0	
Total Dissolved Solids	120		10	"	1	CT04202	06/11/10	06/14/10	SM2540C	

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

06/16/10 08:00

CRWQCB - Sacramento  
11020 Sun Center Drive, Ste. 200  
Rancho Cordova CA, 95670-6114

Project: Walker Mine  
Project Number: [none]  
Project Manager: Leticia Valadez

CLS Work Order #: CTF0482  
COC #: 2 Chains

## Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WM-7b (CTF0482-09) Water</b> Sampled: 06/09/10 13:00 Received: 06/10/10 09:15										
Total Alkalinity	48		5.0	mg/L	1	CT04196	06/11/10	06/11/10	SM2310B	
Bicarbonate as CaCO3	48		5.0	"	1	"	"	"	"	
Carbonate as CaCO3	ND		5.0	"	1	"	"	"	"	
Hydroxide as CaCO3	ND		5.0	"	1	"	"	"	"	
Chloride	0.57		0.50	"	1	CT04167	06/10/10	06/11/10	EPA 300.0	
Specific Conductance (EC)	99		1.0	µmhos/cm	1	CT04169	06/10/10	06/10/10	EPA 120.1	
Methylene Blue Active Substances	ND		0.10	mg/L	1	CT04172	06/10/10	06/11/10	SM5540 C	
Calcium	12	0.031	1.0	"	1	CT04168	06/10/10	06/10/10	200.7/2340B	
Magnesium	5.2	0.028	1.0	"	1	"	"	"	"	
Potassium	1.1	0.87	1.0	"	1	"	"	"	"	
Sodium	3.2	0.021	1.0	"	1	"	"	"	"	
Hardness as CaCO3	50		1.0	"	1	"	"	"	"	
pH	8.05		0.01	pH Units	1	CT04134	06/10/10	06/10/10	SM4500-H B	HT-F
Sulfate as SO4	1.9		0.50	mg/L	1	CT04167	06/10/10	06/11/10	EPA 300.0	
Total Dissolved Solids	77		10	"	1	CT04202	06/11/10	06/14/10	SM2540C	
<b>WM-7c (CTF0482-10) Water</b> Sampled: 06/09/10 13:05 Received: 06/10/10 09:15										
Total Alkalinity	24		5.0	mg/L	1	CT04196	06/11/10	06/11/10	SM2310B	
Bicarbonate as CaCO3	24		5.0	"	1	"	"	"	"	
Carbonate as CaCO3	ND		5.0	"	1	"	"	"	"	
Hydroxide as CaCO3	ND		5.0	"	1	"	"	"	"	
Chloride	0.51		0.50	"	1	CT04167	06/10/10	06/11/10	EPA 300.0	
Specific Conductance (EC)	49		1.0	µmhos/cm	1	CT04169	06/10/10	06/10/10	EPA 120.1	
Methylene Blue Active Substances	ND		0.10	mg/L	1	CT04172	06/10/10	06/11/10	SM5540 C	
Calcium	5.6	0.031	1.0	"	1	CT04168	06/10/10	06/10/10	200.7/2340B	
Magnesium	1.7	0.028	1.0	"	1	"	"	"	"	
Potassium	ND	0.87	1.0	"	1	"	"	"	"	
Sodium	2.6	0.021	1.0	"	1	"	"	"	"	
Hardness as CaCO3	21		1.0	"	1	"	"	"	"	
pH	7.26		0.01	pH Units	1	CT04134	06/10/10	06/10/10	SM4500-H B	HT-F
Sulfate as SO4	0.71		0.50	mg/L	1	CT04167	06/10/10	06/11/10	EPA 300.0	
Total Dissolved Solids	47		10	"	1	CT04202	06/11/10	06/14/10	SM2540C	

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

06/16/10 08:00

CRWQCB - Sacramento  
11020 Sun Center Drive, Ste. 200  
Rancho Cordova CA, 95670-6114

Project: Walker Mine  
Project Number: [none]  
Project Manager: Leticia Valadez

CLS Work Order #: CTF0482  
COC #: 2 Chains

## Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WM-7a (CTF0482-11) Water</b> Sampled: 06/09/10 13:25    Received: 06/10/10 09:15										
Total Alkalinity	51		5.0	mg/L	1	CT04196	06/11/10	06/11/10	SM2310B	
Bicarbonate as CaCO3	51		5.0	"	1	"	"	"	"	
Carbonate as CaCO3	ND		5.0	"	1	"	"	"	"	
Hydroxide as CaCO3	ND		5.0	"	1	"	"	"	"	
Chloride	0.56		0.50	"	1	CT04167	06/10/10	06/11/10	EPA 300.0	
Specific Conductance (EC)	98		1.0	µmhos/cm	1	CT04169	06/10/10	06/10/10	EPA 120.1	
Methylene Blue Active Substances	ND		0.10	mg/L	1	CT04172	06/10/10	06/11/10	SM5540 C	
Calcium	12	0.031	1.0	"	1	CT04168	06/10/10	06/10/10	200.7/2340B	
Magnesium	5.3	0.028	1.0	"	1	"	"	"	"	
Potassium	1.1	0.87	1.0	"	1	"	"	"	"	
Sodium	3.2	0.021	1.0	"	1	"	"	"	"	
Hardness as CaCO3	51		1.0	"	1	"	"	"	"	
pH	7.84		0.01	pH Units	1	CT04134	06/10/10	06/10/10	SM4500-HB	HT-F
Sulfate as SO4	1.8		0.50	mg/L	1	CT04167	06/10/10	06/11/10	EPA 300.0	
Total Dissolved Solids	79		10	"	1	CT04202	06/11/10	06/14/10	SM2540C	
<b>WM-11 (CTF0482-12) Water</b> Sampled: 06/09/10 14:20    Received: 06/10/10 09:15										
Total Alkalinity	15		5.0	mg/L	1	CT04196	06/11/10	06/11/10	SM2310B	
Bicarbonate as CaCO3	15		5.0	"	1	"	"	"	"	
Carbonate as CaCO3	ND		5.0	"	1	"	"	"	"	
Hydroxide as CaCO3	ND		5.0	"	1	"	"	"	"	
Chloride	0.51		0.50	"	1	CT04167	06/10/10	06/11/10	EPA 300.0	
Specific Conductance (EC)	33		1.0	µmhos/cm	1	CT04169	06/10/10	06/10/10	EPA 120.1	
Methylene Blue Active Substances	ND		0.10	mg/L	1	CT04172	06/10/10	06/11/10	SM5540 C	
Calcium	3.1	0.031	1.0	"	1	CT04168	06/10/10	06/10/10	200.7/2340B	
Magnesium	1.1	0.028	1.0	"	1	"	"	"	"	
Potassium	ND	0.87	1.0	"	1	"	"	"	"	
Sodium	1.8	0.021	1.0	"	1	"	"	"	"	
Hardness as CaCO3	12		1.0	"	1	"	"	"	"	
pH	7.61		0.01	pH Units	1	CT04134	06/10/10	06/10/10	SM4500-HB	HT-F
Sulfate as SO4	1.1		0.50	mg/L	1	CT04167	06/10/10	06/11/10	EPA 300.0	
Total Dissolved Solids	32		10	"	1	CT04202	06/11/10	06/14/10	SM2540C	

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

06/16/10 08:00

CRWQCB - Sacramento  
11020 Sun Center Drive, Ste. 200  
Rancho Cordova CA, 95670-6114

Project: Walker Mine  
Project Number: [none]  
Project Manager: Leticia Valadez

CLS Work Order #: CTF0482  
COC #: 2 Chains

## Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WM-12 (CTF0482-13) Water</b> Sampled: 06/09/10 14:30 Received: 06/10/10 09:15										
Total Alkalinity	13		5.0	mg/L	1	CT04196	06/11/10	06/11/10	SM2310B	
Bicarbonate as CaCO3	13		5.0	"	1	"	"	"	"	
Carbonate as CaCO3	ND		5.0	"	1	"	"	"	"	
Hydroxide as CaCO3	ND		5.0	"	1	"	"	"	"	
Chloride	0.51		0.50	"	1	CT04167	06/10/10	06/11/10	EPA 300.0	
Specific Conductance (EC)	26		1.0	µmhos/cm	1	CT04169	06/10/10	06/10/10	EPA 120.1	
Methylene Blue Active Substances	ND		0.10	mg/L	1	CT04172	06/10/10	06/11/10	SM5540 C	
Calcium	2.5	0.031	1.0	"	1	CT04168	06/10/10	06/10/10	200.7/2340B	
Magnesium	1.3	0.028	1.0	"	1	"	"	"	"	
Potassium	ND	0.87	1.0	"	1	"	"	"	"	
Sodium	1.2	0.021	1.0	"	1	"	"	"	"	
Hardness as CaCO3	11		1.0	"	1	"	"	"	"	
pH	6.54		0.01	pH Units	1	CT04134	06/10/10	06/10/10	SM4500-H B	HT-F
Sulfate as SO4	ND		0.50	mg/L	1	CT04167	06/10/10	06/11/10	EPA 300.0	
Total Dissolved Solids	27		10	"	1	CT04202	06/11/10	06/14/10	SM2540C	
<b>WM-13 (CTF0482-14) Water</b> Sampled: 06/09/10 14:40 Received: 06/10/10 09:15										
Total Alkalinity	28		5.0	mg/L	1	CT04196	06/11/10	06/11/10	SM2310B	
Bicarbonate as CaCO3	28		5.0	"	1	"	"	"	"	
Carbonate as CaCO3	ND		5.0	"	1	"	"	"	"	
Hydroxide as CaCO3	ND		5.0	"	1	"	"	"	"	
Chloride	ND		0.50	"	1	CT04167	06/10/10	06/11/10	EPA 300.0	
Specific Conductance (EC)	56		1.0	µmhos/cm	1	CT04169	06/10/10	06/10/10	EPA 120.1	
Methylene Blue Active Substances	ND		0.10	mg/L	1	CT04172	06/10/10	06/11/10	SM5540 C	
Calcium	6.6	0.031	1.0	"	1	CT04168	06/10/10	06/10/10	200.7/2340B	
Magnesium	3.0	0.028	1.0	"	1	"	"	"	"	
Potassium	ND	0.87	1.0	"	1	"	"	"	"	
Sodium	1.8	0.021	1.0	"	1	"	"	"	"	
Hardness as CaCO3	29		1.0	"	1	"	"	"	"	
pH	7.36		0.01	pH Units	1	CT04134	06/10/10	06/10/10	SM4500-H B	HT-F
Sulfate as SO4	ND		0.50	mg/L	1	CT04167	06/10/10	06/11/10	EPA 300.0	
Total Dissolved Solids	47		10	"	1	CT04202	06/11/10	06/14/10	SM2540C	

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

06/16/10 08:00

CRWQCB - Sacramento  
11020 Sun Center Drive, Ste. 200  
Rancho Cordova CA, 95670-6114

Project: Walker Mine  
Project Number: [none]  
Project Manager: Leticia Valadez

CLS Work Order #: CTF0482  
COC #: 2 Chains

## Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WM-17 (CTF0482-15) Water</b> Sampled: 06/09/10 14:45    Received: 06/10/10 09:15										
Total Alkalinity	67		5.0	mg/L	1	CT04196	06/11/10	06/11/10	SM2310B	
Bicarbonate as CaCO3	67		5.0	"	1	"	"	"	"	
Carbonate as CaCO3	ND		5.0	"	1	"	"	"	"	
Hydroxide as CaCO3	ND		5.0	"	1	"	"	"	"	
Chloride	0.59		0.50	"	1	CT04167	06/10/10	06/11/10	EPA 300.0	
Specific Conductance (EC)	130		1.0	µmhos/cm	1	CT04169	06/10/10	06/10/10	EPA 120.1	
Methylene Blue Active Substances	ND		0.10	mg/L	1	CT04172	06/10/10	06/11/10	SM5540 C	
Calcium	15	0.031	1.0	"	1	CT04168	06/10/10	06/10/10	200.7/2340B	
Magnesium	6.5	0.028	1.0	"	1	"	"	"	"	
Potassium	1.5	0.87	1.0	"	1	"	"	"	"	
Sodium	3.5	0.021	1.0	"	1	"	"	"	"	
Hardness as CaCO3	64		1.0	"	1	"	"	"	"	
pH	7.76		0.01	pH Units	1	CT04134	06/10/10	06/10/10	SM4500-H B	HT-F
Sulfate as SO4	0.55		0.50	mg/L	1	CT04167	06/10/10	06/11/10	EPA 300.0	
Total Dissolved Solids	88		10	"	1	CT04202	06/11/10	06/14/10	SM2540C	
<b>WM-18 (CTF0482-16) Water</b> Sampled: 06/09/10 15:20    Received: 06/10/10 09:15										
Total Alkalinity	66		5.0	mg/L	1	CT04196	06/11/10	06/11/10	SM2310B	
Bicarbonate as CaCO3	66		5.0	"	1	"	"	"	"	
Carbonate as CaCO3	ND		5.0	"	1	"	"	"	"	
Hydroxide as CaCO3	ND		5.0	"	1	"	"	"	"	
Chloride	0.59		0.50	"	1	CT04167	06/10/10	06/11/10	EPA 300.0	
Specific Conductance (EC)	130		1.0	µmhos/cm	1	CT04169	06/10/10	06/10/10	EPA 120.1	
Methylene Blue Active Substances	ND		0.10	mg/L	1	CT04172	06/10/10	06/11/10	SM5540 C	
Calcium	14	0.031	1.0	"	1	CT04168	06/10/10	06/10/10	200.7/2340B	
Magnesium	6.1	0.028	1.0	"	1	"	"	"	"	
Potassium	1.6	0.87	1.0	"	1	"	"	"	"	
Sodium	3.8	0.021	1.0	"	1	"	"	"	"	
Hardness as CaCO3	61		1.0	"	1	"	"	"	"	
pH	7.94		0.01	pH Units	1	CT04134	06/10/10	06/10/10	SM4500-H B	HT-F
Sulfate as SO4	0.61		0.50	mg/L	1	CT04167	06/10/10	06/11/10	EPA 300.0	
Total Dissolved Solids	88		10	"	1	CT04202	06/11/10	06/14/10	SM2540C	

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

06/16/10 08:00

CRWQCB - Sacramento  
11020 Sun Center Drive, Ste. 200  
Rancho Cordova, CA, 95670-6114

Project: Walker Mine  
Project Number: [none]  
Project Manager: Leticia Valadez

CLS Work Order #: CTF0482  
COC #: 2 Chains

## Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WM-16 (CTF0482-17) Water</b> Sampled: 06/09/10 15:45    Received: 06/10/10 09:15										
Total Alkalinity	50		5.0	mg/L	1	CT04196	06/11/10	06/11/10	SM2310B	
Bicarbonate as CaCO3	50		5.0	"	1	"	"	"	"	
Carbonate as CaCO3	ND		5.0	"	1	"	"	"	"	
Hydroxide as CaCO3	ND		5.0	"	1	"	"	"	"	
Chloride	0.55		0.50	"	1	CT04167	06/10/10	06/11/10	EPA 300.0	
Specific Conductance (EC)	91		1.0	µmhos/cm	1	CT04169	06/10/10	06/10/10	EPA 120.1	
Methylene Blue Active Substances	ND		0.10	mg/L	1	CT04172	06/10/10	06/11/10	SM5540 C	
Calcium	11	0.031	1.0	"	1	CT04168	06/10/10	06/10/10	200.7/2340B	
Magnesium	4.7	0.028	1.0	"	1	"	"	"	"	
Potassium	ND	0.87	1.0	"	1	"	"	"	"	
Sodium	2.6	0.021	1.0	"	1	"	"	"	"	
Hardness as CaCO3	47		1.0	"	1	"	"	"	"	
pH	7.77		0.01	pH Units	1	CT04134	06/10/10	06/10/10	SM4500-H B	HT-F
Sulfate as SO4	ND		0.50	mg/L	1	CT04167	06/10/10	06/11/10	EPA 300.0	
Total Dissolved Solids	63		10	"	1	CT04202	06/11/10	06/14/10	SM2540C	
<b>WM-15 (CTF0482-18) Water</b> Sampled: 06/09/10 16:00    Received: 06/10/10 09:15										
Total Alkalinity	29		5.0	mg/L	1	CT04196	06/11/10	06/11/10	SM2310B	
Bicarbonate as CaCO3	29		5.0	"	1	"	"	"	"	
Carbonate as CaCO3	ND		5.0	"	1	"	"	"	"	
Hydroxide as CaCO3	ND		5.0	"	1	"	"	"	"	
Chloride	0.53		0.50	"	1	CT04167	06/10/10	06/11/10	EPA 300.0	
Specific Conductance (EC)	53		1.0	µmhos/cm	1	CT04169	06/10/10	06/10/10	EPA 120.1	
Methylene Blue Active Substances	ND		0.10	mg/L	1	CT04172	06/10/10	06/11/10	SM5540 C	
Calcium	6.3	0.031	1.0	"	1	CT04168	06/10/10	06/10/10	200.7/2340B	
Magnesium	2.6	0.028	1.0	"	1	"	"	"	"	
Potassium	ND	0.87	1.0	"	1	"	"	"	"	
Sodium	1.8	0.021	1.0	"	1	"	"	"	"	
Hardness as CaCO3	26		1.0	"	1	"	"	"	"	
pH	7.68		0.01	pH Units	1	CT04134	06/10/10	06/10/10	SM4500-H B	HT-F
Sulfate as SO4	ND		0.50	mg/L	1	CT04167	06/10/10	06/11/10	EPA 300.0	
Total Dissolved Solids	40		10	"	1	CT04202	06/11/10	06/14/10	SM2540C	

CA DOHS ELAP Accreditation/Registration Number 1233



# CALIFORNIA LABORATORY SERVICES

06/16/10 08:00

CRWQCB - Sacramento  
11020 Sun Center Drive, Ste. 200  
Rancho Cordova, CA, 95670-6114

Project: Walker Mine  
Project Number: [none]  
Project Manager: Leticia Valadez

CLS Work Order #: CTF0482  
COC #: 2 Chains

## Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WM-14 (CTF0482-19) Water</b> Sampled: 06/09/10 16:05 Received: 06/10/10 09:15										
Total Alkalinity	36		5.0	mg/L	1	CT04196	06/11/10	06/11/10	SM2310B	
Bicarbonate as CaCO <sub>3</sub>	36		5.0	"	1	"	"	"	"	
Carbonate as CaCO <sub>3</sub>	ND		5.0	"	1	"	"	"	"	
Hydroxide as CaCO <sub>3</sub>	ND		5.0	"	1	"	"	"	"	
Chloride	0.54		0.50	"	1	CT04167	06/10/10	06/11/10	EPA 300.0	
Specific Conductance (EC)	70		1.0	µmhos/cm	1	CT04169	06/10/10	06/10/10	EPA 120.1	
Methylene Blue Active Substances	ND		0.10	mg/L	1	CT04172	06/10/10	06/11/10	SM5540 C	
Calcium	12	0.031	1.0	"	1	CT04168	06/10/10	06/10/10	200.7/2340B	
Magnesium	1.4	0.028	1.0	"	1	"	"	"	"	
Potassium	ND	0.87	1.0	"	1	"	"	"	"	
Sodium	2.2	0.021	1.0	"	1	"	"	"	"	
Hardness as CaCO <sub>3</sub>	35		1.0	"	1	"	"	"	"	
pH	7.64		0.01	pH Units	1	CT04134	06/10/10	06/10/10	SM4500-HB	HT-F
Sulfate as SO <sub>4</sub>	1.8		0.50	mg/L	1	CT04167	06/10/10	06/11/10	EPA 300.0	
Total Dissolved Solids	52		10	"	1	CT04202	06/11/10	06/14/10	SM2540C	
<b>WM-10 (CTF0482-20) Water</b> Sampled: 06/09/10 17:00 Received: 06/10/10 09:15										
Total Alkalinity	23		5.0	mg/L	1	CT04196	06/11/10	06/11/10	SM2310B	
Bicarbonate as CaCO <sub>3</sub>	23		5.0	"	1	"	"	"	"	
Carbonate as CaCO <sub>3</sub>	ND		5.0	"	1	"	"	"	"	
Hydroxide as CaCO <sub>3</sub>	ND		5.0	"	1	"	"	"	"	
Chloride	0.51		0.50	"	1	CT04167	06/10/10	06/11/10	EPA 300.0	
Specific Conductance (EC)	50		1.0	µmhos/cm	1	CT04169	06/10/10	06/10/10	EPA 120.1	
Methylene Blue Active Substances	ND		0.10	mg/L	1	CT04172	06/10/10	06/11/10	SM5540 C	
Calcium	6.3	0.031	1.0	"	1	CT04168	06/10/10	06/10/10	200.7/2340B	
Magnesium	1.6	0.028	1.0	"	1	"	"	"	"	
Potassium	ND	0.87	1.0	"	1	"	"	"	"	
Sodium	2.2	0.021	1.0	"	1	"	"	"	"	
Hardness as CaCO <sub>3</sub>	22		1.0	"	1	"	"	"	"	
pH	7.53		0.01	pH Units	1	CT04134	06/10/10	06/10/10	SM4500-HB	HT-F
Sulfate as SO <sub>4</sub>	0.98		0.50	mg/L	1	CT04167	06/10/10	06/11/10	EPA 300.0	
Total Dissolved Solids	40		10	"	1	CT04202	06/11/10	06/14/10	SM2540C	

CA DOHS ELAP Accreditation/Registration Number 1233

3249 Fitzgerald Road Rancho Cordova, CA 95742

www.californialab.com

916-638-7301

Fax: 916-638-4510

# CALIFORNIA LABORATORY SERVICES

06/16/10 08:00

CRWQCB - Sacramento  
11020 Sun Center Drive, Ste. 200  
Rancho Cordova CA, 95670-6114

Project: Walker Mine  
Project Number: [none]  
Project Manager: Leticia Valadez

CLS Work Order #: CTF0482  
COC #: 2 Chains

## Metals by EPA 200 Series Methods

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WM-5 (LGC/MS) (CTF0482-01) Water</b> Sampled: 06/09/10 09:20    Received: 06/10/10 09:15										
Aluminum	74	5.0	20	µg/L	1	CT04189	06/11/10	06/11/10	EPA 200.8	
Arsenic	ND	0.85	2.0	"	1	"	"	"	"	
Copper	0.57	0.23	1.0	"	1	"	"	"	"	J
Iron	89	7.2	50	"	1	"	"	"	"	
Zinc	2.8	0.93	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	0.50	"	1	"	"	"	"	
<b>WM-3 (DC/DS) (CTF0482-02) Water</b> Sampled: 06/09/10 09:40    Received: 06/10/10 09:15										
Aluminum	60	5.0	20	µg/L	1	CT04189	06/11/10	06/11/10	EPA 200.8	
Arsenic	ND	0.85	2.0	"	1	"	"	"	"	
Copper	25	0.23	1.0	"	1	"	"	"	"	
Iron	160	7.2	50	"	1	"	"	"	"	
Zinc	6.4	0.93	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	0.50	"	1	"	"	"	"	
<b>WM-19 (Pond) (CTF0482-03) Water</b> Sampled: 06/09/10 09:50    Received: 06/10/10 09:15										
Aluminum	95	5.0	20	µg/L	1	CT04189	06/11/10	06/11/10	EPA 200.8	
Arsenic	ND	0.85	2.0	"	1	"	"	"	"	
Copper	1800 ?	1.2	5.0	"	5	"	"	06/11/10	"	
Iron	320	7.2	50	"	1	"	"	06/11/10	"	
Zinc	170	0.93	2.0	"	1	"	"	"	"	
Cadmium	1.2	0.50	0.50	"	1	"	"	"	"	
<b>WM-1 (Portal) (CTF0482-04) Water</b> Sampled: 06/09/10 10:30    Received: 06/10/10 09:15										
Aluminum	5.0	5.0	20	µg/L	1	CT04189	06/11/10	06/11/10	EPA 200.8	J
Arsenic	16	0.85	2.0	"	1	"	"	"	"	
Copper	87	0.23	1.0	"	1	"	"	"	"	
Iron	ND	7.2	50	"	1	"	"	"	"	
Zinc	26	0.93	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	0.50	"	1	"	"	"	"	

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

06/16/10 08:00

CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114	Project: Walker Mine Project Number: [none] Project Manager: Leticia Valadez	CLS Work Order #: CTF0482 COC #: 2 Chains
--	--	--

## Metals by EPA 200 Series Methods

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WM-2 (DC/MS) (CTF0482-05) Water</b> <b>Sampled: 06/09/10 10:20</b> <b>Received: 06/10/10 09:15</b>										
Aluminum	23	5.0	20	µg/L	1	CT04189	06/11/10	06/11/10	EPA 200.8	
Arsenic	ND	0.85	2.0	"	1	"	"	"	"	
Copper	0.43	0.23	1.0	"	1	"	"	"	"	J
Iron	21	7.2	50	"	1	"	"	"	"	J
Zinc	ND	0.93	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	0.50	"	1	"	"	"	"	
<b>WM-4 (@ 48' Culvert) (CTF0482-06) Water</b> <b>Sampled: 06/09/10 12:15</b> <b>Received: 06/10/10 09:15</b>										
Aluminum	51	5.0	20	µg/L	1	CT04189	06/11/10	06/11/10	EPA 200.8	
Arsenic	ND	0.85	2.0	"	1	"	"	"	"	
Copper	32	0.23	1.0	"	1	"	"	"	"	
Iron	110	7.2	50	"	1	"	"	"	"	
Zinc	10	0.93	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	0.50	"	1	"	"	"	"	
<b>WM-9 (LGC @ Browns Cabin) (CTF0482-07) Water</b> <b>Sampled: 06/09/10 12:30</b> <b>Received: 06/10/10 09:15</b>										
Aluminum	59	5.0	20	µg/L	1	CT04189	06/11/10	06/11/10	EPA 200.8	
Arsenic	ND	0.85	2.0	"	1	"	"	"	"	
Copper	2.2	0.23	1.0	"	1	"	"	"	"	
Iron	89	7.2	50	"	1	"	"	"	"	
Zinc	6.2	0.93	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	0.50	"	1	"	"	"	"	
<b>WM-6 (MSFS Dam) (CTF0482-08) Water</b> <b>Sampled: 06/09/10 12:50</b> <b>Received: 06/10/10 09:15</b>										
Aluminum	19	5.0	20	µg/L	1	CT04189	06/11/10	06/11/10	EPA 200.8	J
Arsenic	ND	0.85	2.0	"	1	"	"	"	"	
Copper	51	0.23	1.0	"	1	"	"	"	"	
Iron	190	7.2	50	"	1	"	"	"	"	
Zinc	36	0.93	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	0.50	"	1	"	"	"	"	

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

06/16/10 08:00

CRWQCB - Sacramento  
11020 Sun Center Drive, Ste. 200  
Rancho Cordova CA, 95670-6114

Project: Walker Mine  
Project Number: [none]  
Project Manager: Leticia Valadez

CLS Work Order #: CTF0482  
COC #: 2 Chains

## Metals by EPA 200 Series Methods

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WM-7b (CTF0482-09) Water</b> Sampled: 06/09/10 13:00    Received: 06/10/10 09:15										
Aluminum	110	5.0	20	µg/L	1	CT04189	06/11/10	06/11/10	EPA 200.8	
Arsenic	ND	0.85	2.0	"	1	"	"	"	"	
Copper	39	0.23	1.0	"	1	"	"	"	"	
Iron	240	7.2	50	"	1	"	"	"	"	
Zinc	10	0.93	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	0.50	"	1	"	"	"	"	
<b>WM-7c (CTF0482-10) Water</b> Sampled: 06/09/10 13:05    Received: 06/10/10 09:15										
Aluminum	69	5.0	20	µg/L	1	CT04189	06/11/10	06/11/10	EPA 200.8	
Arsenic	ND	0.85	2.0	"	1	"	"	"	"	
Copper	0.64	0.23	1.0	"	1	"	"	"	"	J
Iron	95	7.2	50	"	1	"	"	"	"	
Zinc	ND	0.93	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	0.50	"	1	"	"	"	"	
<b>WM-7a (CTF0482-11) Water</b> Sampled: 06/09/10 13:25    Received: 06/10/10 09:15										
Aluminum	38	5.0	20	µg/L	1	CT04189	06/11/10	06/11/10	EPA 200.8	
Arsenic	ND	0.85	2.0	"	1	"	"	"	"	
Copper	37	0.23	1.0	"	1	"	"	"	"	
Iron	140	7.2	50	"	1	"	"	"	"	
Zinc	6.3	0.93	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	0.50	"	1	"	"	"	"	
<b>WM-11 (CTF0482-12) Water</b> Sampled: 06/09/10 14:20    Received: 06/10/10 09:15										
Aluminum	71	5.0	20	µg/L	1	CT04189	06/11/10	06/11/10	EPA 200.8	
Arsenic	ND	0.85	2.0	"	1	"	"	"	"	
Copper	9.6	0.23	1.0	"	1	"	"	"	"	
Iron	42	7.2	50	"	1	"	"	"	"	J
Zinc	5.5	0.93	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	0.50	"	1	"	"	"	"	

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

06/16/10 08:00

CRWQCB - Sacramento  
11020 Sun Center Drive, Ste. 200  
Rancho Cordova CA, 95670-6114

Project: Walker Mine  
Project Number: [none]  
Project Manager: Leticia Valadez

CLS Work Order #: CTF0482  
COC #: 2 Chains

## Metals by EPA 200 Series Methods

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WM-12 (CTF0482-13) Water</b> <b>Sampled: 06/09/10 14:30</b> <b>Received: 06/10/10 09:15</b>										
Aluminum	110	5.0	20	µg/L	1	CT04189	06/11/10	06/11/10	EPA 200.8	
Arsenic	ND	0.85	2.0	"	1	"	"	"	"	
Copper	17	0.23	1.0	"	1	"	"	"	"	
Iron	81	7.2	50	"	1	"	"	"	"	
Zinc	8.5	0.93	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	0.50	"	1	"	"	"	"	
<b>WM-13 (CTF0482-14) Water</b> <b>Sampled: 06/09/10 14:40</b> <b>Received: 06/10/10 09:15</b>										
Aluminum	33	5.0	20	µg/L	1	CT04189	06/11/10	06/11/10	EPA 200.8	
Arsenic	ND	0.85	2.0	"	1	"	"	"	"	
Copper	0.49	0.23	1.0	"	1	"	"	"	"	J
Iron	15	7.2	50	"	1	"	"	"	"	J
Zinc	6.7	0.93	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	0.50	"	1	"	"	"	"	
<b>WM-17 (CTF0482-15) Water</b> <b>Sampled: 06/09/10 14:45</b> <b>Received: 06/10/10 09:15</b>										
Aluminum	28	5.0	20	µg/L	1	CT04189	06/11/10	06/11/10	EPA 200.8	
Arsenic	ND	0.85	2.0	"	1	"	"	"	"	
Copper	0.35	0.23	1.0	"	1	"	"	"	"	J
Iron	8.6	7.2	50	"	1	"	"	"	"	J
Zinc	ND	0.93	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	0.50	"	1	"	"	"	"	
<b>WM-18 (CTF0482-16) Water</b> <b>Sampled: 06/09/10 15:20</b> <b>Received: 06/10/10 09:15</b>										
Aluminum	60	5.0	20	µg/L	1	CT04189	06/11/10	06/11/10	EPA 200.8	
Arsenic	ND	0.85	2.0	"	1	"	"	"	"	
Copper	0.36	0.23	1.0	"	1	"	"	"	"	J
Iron	30	7.2	50	"	1	"	"	"	"	J
Zinc	ND	0.93	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	0.50	"	1	"	"	"	"	

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

06/16/10 08:00

CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114	Project: Walker Mine Project Number: [none] Project Manager: Leticia Valadez	CLS Work Order #: CTF0482 COC #: 2 Chains
--	--	--

## Metals by EPA 200 Series Methods

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WM-16 (CTF0482-17) Water</b> Sampled: 06/09/10 15:45    Received: 06/10/10 09:15										
Aluminum	25	5.0	20	µg/L	1	CT04189	06/11/10	06/11/10	EPA 200.8	
Arsenic	ND	0.85	2.0	"	1	"	"	"	"	
Copper	0.48	0.23	1.0	"	1	"	"	"	"	J
Iron	15	7.2	50	"	1	"	"	"	"	J
Zinc	4.5	0.93	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	0.50	"	1	"	"	"	"	
<b>WM-15 (CTF0482-18) Water</b> Sampled: 06/09/10 16:00    Received: 06/10/10 09:15										
Aluminum	70	5.0	20	µg/L	1	CT04189	06/11/10	06/11/10	EPA 200.8	
Arsenic	ND	0.85	2.0	"	1	"	"	"	"	
Copper	5.0	0.23	1.0	"	1	"	"	"	"	
Iron	47	7.2	50	"	1	"	"	"	"	J
Zinc	2.2	0.93	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	0.50	"	1	"	"	"	"	
<b>WM-14 (CTF0482-19) Water</b> Sampled: 06/09/10 16:05    Received: 06/10/10 09:15										
Aluminum	91	5.0	20	µg/L	1	CT04189	06/11/10	06/11/10	EPA 200.8	
Arsenic	ND	0.85	2.0	"	1	"	"	"	"	
Copper	5.9	0.23	1.0	"	1	"	"	"	"	
Iron	59	7.2	50	"	1	"	"	"	"	
Zinc	7.3	0.93	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	0.50	"	1	"	"	"	"	
<b>WM-10 (CTF0482-20) Water</b> Sampled: 06/09/10 17:00    Received: 06/10/10 09:15										
Aluminum	72	5.0	20	µg/L	1	CT04189	06/11/10	06/11/10	EPA 200.8	
Arsenic	ND	0.85	2.0	"	1	"	"	"	"	
Copper	3.9	0.23	1.0	"	1	"	"	"	"	
Iron	82	7.2	50	"	1	"	"	"	"	
Zinc	7.9	0.93	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	0.50	"	1	"	"	"	"	

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

06/16/10 08:00

CRWQCB - Sacramento  
11020 Sun Center Drive, Ste. 200  
Rancho Cordova CA, 95670-6114

Project: Walker Mine  
Project Number: [none]  
Project Manager: Leticia Valadez

CLS Work Order #: CTF0482  
COC #: 2 Chains

## Metals (Dissolved) by EPA 200 Series Methods

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WM-5 (LGC/MS) (CTF0482-01) Water</b> Sampled: 06/09/10 09:20    Received: 06/10/10 09:15										
Aluminum	27	5.0	20	µg/L	1	CT04187	06/11/10	06/11/10	EPA 200.8	
Arsenic	ND	0.85	5.0	"	1	"	"	"	"	
Copper	0.51	0.23	2.0	"	1	"	"	"	"	J
Iron	23	7.2	50	"	1	"	"	"	"	J
Zinc	3.4	0.93	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	0.50	"	1	"	"	"	"	
<b>WM-3 (DC/DS) (CTF0482-02) Water</b> Sampled: 06/09/10 09:40    Received: 06/10/10 09:15										
Aluminum	22	5.0	20	µg/L	1	CT04187	06/11/10	06/11/10	EPA 200.8	
Arsenic	ND	0.85	5.0	"	1	"	"	"	"	
Copper	18	0.23	2.0	"	1	"	"	"	"	
Iron	36	7.2	50	"	1	"	"	"	"	J
Zinc	5.0	0.93	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	0.50	"	1	"	"	"	"	
<b>WM-19 (Pond) (CTF0482-03) Water</b> Sampled: 06/09/10 09:50    Received: 06/10/10 09:15										
Aluminum	ND	5.0	20	µg/L	1	CT04187	06/11/10	06/11/10	EPA 200.8	
Arsenic	ND	0.85	5.0	"	1	"	"	"	"	
Copper	1200	1.2	10	"	5	"	"	"	"	
Iron	ND	7.2	50	"	1	"	"	"	"	
Zinc	170	0.93	2.0	"	1	"	"	"	"	
Cadmium	1.1	0.50	0.50	"	1	"	"	"	"	
<b>WM-1 (Portal) (CTF0482-04) Water</b> Sampled: 06/09/10 10:30    Received: 06/10/10 09:15										
Aluminum	ND	5.0	20	µg/L	1	CT04187	06/11/10	06/11/10	EPA 200.8	
Arsenic	17	0.85	5.0	"	1	"	"	"	"	
Copper	81	0.23	2.0	"	1	"	"	"	"	
Iron	ND	7.2	50	"	1	"	"	"	"	
Zinc	27	0.93	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	0.50	"	1	"	"	"	"	

CA DOHS ELAP Accreditation/Registration Number 1233

3249 Fitzgerald Road Rancho Cordova, CA 95742

www.californialab.com

916-638-7301

Fax: 916-638-4510

# CALIFORNIA LABORATORY SERVICES

06/16/10 08:00

CRWQCB - Sacramento  
11020 Sun Center Drive, Ste. 200  
Rancho Cordova CA, 95670-6114

Project: Walker Mine  
Project Number: [none]  
Project Manager: Leticia Valadez

CLS Work Order #: CTF0482  
COC #: 2 Chains

## Metals (Dissolved) by EPA 200 Series Methods

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WM-2 (DC/MS) (CTF0482-05) Water</b> Sampled: 06/09/10 10:20 Received: 06/10/10 09:15										
Aluminum	ND	5.0	20	µg/L	1	CT04187	06/11/10	06/11/10	EPA 200.8	
Arsenic	ND	0.85	5.0	"	1	"	"	"	"	
Copper	0.33	0.23	2.0	"	1	"	"	"	"	J
Iron	ND	7.2	50	"	1	"	"	"	"	
Zinc	1.3	0.93	2.0	"	1	"	"	"	"	J
Cadmium	ND	0.50	0.50	"	1	"	"	"	"	
<b>WM-4 (@ 48' Culvert) (CTF0482-06) Water</b> Sampled: 06/09/10 12:15 Received: 06/10/10 09:15										
Aluminum	22	5.0	20	µg/L	1	CT04187	06/11/10	06/11/10	EPA 200.8	
Arsenic	ND	0.85	5.0	"	1	"	"	"	"	
Copper	25	0.23	2.0	"	1	"	"	"	"	
Iron	34	7.2	50	"	1	"	"	"	"	J
Zinc	5.6	0.93	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	0.50	"	1	"	"	"	"	
<b>WM-9 (LGC @ Browns Cabin) (CTF0482-07) Water</b> Sampled: 06/09/10 12:30 Received: 06/10/10 09:15										
Aluminum	20	5.0	20	µg/L	1	CT04187	06/11/10	06/11/10	EPA 200.8	J
Arsenic	ND	0.85	5.0	"	1	"	"	"	"	
Copper	1.6	0.23	2.0	"	1	"	"	"	"	J
Iron	35	7.2	50	"	1	"	"	"	"	J
Zinc	5.0	0.93	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	0.50	"	1	"	"	"	"	
<b>WM-6 (MSFS Dam) (CTF0482-08) Water</b> Sampled: 06/09/10 12:50 Received: 06/10/10 09:15										
Aluminum	ND	5.0	20	µg/L	1	CT04187	06/11/10	06/11/10	EPA 200.8	
Arsenic	ND	0.85	5.0	"	1	"	"	"	"	
Copper	36	0.23	2.0	"	1	"	"	"	"	
Iron	59	7.2	50	"	1	"	"	"	"	
Zinc	29	0.93	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	0.50	"	1	"	"	"	"	

CA DOHS ELAP Accreditation/Registration Number 1233



# CALIFORNIA LABORATORY SERVICES

06/16/10 08:00

CRWQCB - Sacramento  
11020 Sun Center Drive, Ste. 200  
Rancho Cordova CA, 95670-6114

Project: Walker Mine  
Project Number: [none]  
Project Manager: Leticia Valadez

CLS Work Order #: CTF0482  
COC #: 2 Chains

## Metals (Dissolved) by EPA 200 Series Methods

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WM-7b (CTF0482-09) Water</b> Sampled: 06/09/10 13:00    Received: 06/10/10 09:15										
Aluminum	19	5.0	20	µg/L	1	CT04187	06/11/10	06/11/10	EPA 200.8	J
Arsenic	ND	0.85	5.0	"	1	"	"	"	"	
Copper	26	0.23	2.0	"	1	"	"	"	"	
Iron	60	7.2	50	"	1	"	"	"	"	
Zinc	7.5	0.93	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	0.50	"	1	"	"	"	"	
<b>WM-7c (CTF0482-10) Water</b> Sampled: 06/09/10 13:05    Received: 06/10/10 09:15										
Aluminum	22	5.0	20	µg/L	1	CT04187	06/11/10	06/11/10	EPA 200.8	
Arsenic	ND	0.85	5.0	"	1	"	"	"	"	
Copper	0.45	0.23	2.0	"	1	"	"	"	"	J
Iron	27	7.2	50	"	1	"	"	"	"	J
Zinc	2.0	0.93	2.0	"	1	"	"	"	"	J
Cadmium	ND	0.50	0.50	"	1	"	"	"	"	
<b>WM-7a (CTF0482-11) Water</b> Sampled: 06/09/10 13:25    Received: 06/10/10 09:15										
Aluminum	18	5.0	20	µg/L	1	CT04187	06/11/10	06/11/10	EPA 200.8	J
Arsenic	ND	0.85	5.0	"	1	"	"	"	"	
Copper	28	0.23	2.0	"	1	"	"	"	"	
Iron	70	7.2	50	"	1	"	"	"	"	
Zinc	4.9	0.93	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	0.50	"	1	"	"	"	"	
<b>WM-11 (CTF0482-12) Water</b> Sampled: 06/09/10 14:20    Received: 06/10/10 09:15										
Aluminum	39	5.0	20	µg/L	1	CT04187	06/11/10	06/11/10	EPA 200.8	
Arsenic	ND	0.85	5.0	"	1	"	"	"	"	
Copper	8.5	0.23	2.0	"	1	"	"	"	"	
Iron	ND	7.2	50	"	1	"	"	"	"	
Zinc	2.5	0.93	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	0.50	"	1	"	"	"	"	

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

06/16/10 08:00

CRWQCB - Sacramento  
11020 Sun Center Drive, Ste. 200  
Rancho Cordova CA, 95670-6114

Project: Walker Mine  
Project Number: [none]  
Project Manager: Leticia Valadez

CLS Work Order #: CTF0482  
COC #: 2 Chains

## Metals (Dissolved) by EPA 200 Series Methods

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WM-12 (CTF0482-13) Water</b> <b>Sampled: 06/09/10 14:30</b> <b>Received: 06/10/10 09:15</b>										
Aluminum	35	5.0	20	µg/L	1	CT04187	06/11/10	06/11/10	EPA 200.8	
Arsenic	ND	0.85	5.0	"	1	"	"	"	"	
Copper	12	0.23	2.0	"	1	"	"	"	"	
Iron	ND	7.2	50	"	1	"	"	"	"	
Zinc	5.9	0.93	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	0.50	"	1	"	"	"	"	
<b>WM-13 (CTF0482-14) Water</b> <b>Sampled: 06/09/10 14:40</b> <b>Received: 06/10/10 09:15</b>										
Aluminum	9.1	5.0	20	µg/L	1	CT04187	06/11/10	06/11/10	EPA 200.8	J
Arsenic	ND	0.85	5.0	"	1	"	"	"	"	
Copper	0.31	0.23	2.0	"	1	"	"	"	"	J
Iron	ND	7.2	50	"	1	"	"	"	"	
Zinc	5.5	0.93	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	0.50	"	1	"	"	"	"	
<b>WM-17 (CTF0482-15) Water</b> <b>Sampled: 06/09/10 14:45</b> <b>Received: 06/10/10 09:15</b>										
Aluminum	5.0	5.0	20	µg/L	1	CT04187	06/11/10	06/11/10	EPA 200.8	J
Arsenic	ND	0.85	5.0	"	1	"	"	"	"	
Copper	0.26	0.23	2.0	"	1	"	"	"	"	J
Iron	ND	7.2	50	"	1	"	"	"	"	
Zinc	ND	0.93	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	0.50	"	1	"	"	"	"	
<b>WM-18 (CTF0482-16) Water</b> <b>Sampled: 06/09/10 15:20</b> <b>Received: 06/10/10 09:15</b>										
Aluminum	5.1	5.0	20	µg/L	1	CT04187	06/11/10	06/11/10	EPA 200.8	J
Arsenic	ND	0.85	5.0	"	1	"	"	"	"	
Copper	0.25	0.23	2.0	"	1	"	"	"	"	J
Iron	ND	7.2	50	"	1	"	"	"	"	
Zinc	ND	0.93	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	0.50	"	1	"	"	"	"	

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

06/16/10 08:00

CRWQCB - Sacramento  
11020 Sun Center Drive, Ste. 200  
Rancho Cordova CA, 95670-6114

Project: Walker Mine  
Project Number: [none]  
Project Manager: Leticia Valadez

CLS Work Order #: CTF0482  
COC #: 2 Chains

## Metals (Dissolved) by EPA 200 Series Methods

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>WM-16 (CTF0482-17) Water</b> Sampled: 06/09/10 15:45    Received: 06/10/10 09:15										
Aluminum	7.2	5.0	20	µg/L	1	CT04187	06/11/10	06/11/10	EPA 200.8	J
Arsenic	ND	0.85	5.0	"	1	"	"	"	"	
Copper	0.37	0.23	2.0	"	1	"	"	"	"	J
Iron	ND	7.2	50	"	1	"	"	"	"	
Zinc	1.3	0.93	2.0	"	1	"	"	"	"	J
Cadmium	ND	0.50	0.50	"	1	"	"	"	"	
<b>WM-15 (CTF0482-18) Water</b> Sampled: 06/09/10 16:00    Received: 06/10/10 09:15										
Aluminum	39	5.0	20	µg/L	1	CT04187	06/11/10	06/11/10	EPA 200.8	
Arsenic	ND	0.85	5.0	"	1	"	"	"	"	
Copper	3.7	0.23	2.0	"	1	"	"	"	"	
Iron	ND	7.2	50	"	1	"	"	"	"	
Zinc	ND	0.93	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	0.50	"	1	"	"	"	"	
<b>WM-14 (CTF0482-19) Water</b> Sampled: 06/09/10 16:05    Received: 06/10/10 09:15										
Aluminum	19	5.0	20	µg/L	1	CT04187	06/11/10	06/11/10	EPA 200.8	J
Arsenic	ND	0.85	5.0	"	1	"	"	"	"	
Copper	4.0	0.23	2.0	"	1	"	"	"	"	
Iron	ND	7.2	50	"	1	"	"	"	"	
Zinc	2.3	0.93	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	0.50	"	1	"	"	"	"	
<b>WM-10 (CTF0482-20) Water</b> Sampled: 06/09/10 17:00    Received: 06/10/10 09:15										
Aluminum	16	5.0	20	µg/L	1	CT04187	06/11/10	06/11/10	EPA 200.8	J
Arsenic	ND	0.85	5.0	"	1	"	"	"	"	
Copper	2.2	0.23	2.0	"	1	"	"	"	"	
Iron	ND	7.2	50	"	1	"	"	"	"	
Zinc	5.5	0.93	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	0.50	"	1	"	"	"	"	

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

06/16/10 08:00

CRWQCB - Sacramento  
11020 Sun Center Drive, Ste. 200  
Rancho Cordova CA, 95670-6114

Project: Walker Mine  
Project Number: [none]  
Project Manager: Leticia Valadez

CLS Work Order #: CTF0482  
COC #: 2 Chains

## Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control

### CLS Labs

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
<b>Batch CT04167 - General Prep</b>										
<b>Blank (CT04167-BLK1)</b>					Prepared & Analyzed: 06/10/10					
Sulfate as SO4	ND		0.50	mg/L						
Chloride	ND		0.50	"						
<b>LCS (CT04167-BS1)</b>					Prepared & Analyzed: 06/10/10					
Chloride	2.01		0.50	mg/L	2.00		100 80-120			
Sulfate as SO4	4.95		0.50	"	5.00		99 80-120			
<b>LCS Dup (CT04167-BSD1)</b>					Prepared & Analyzed: 06/10/10					
Chloride	2.02		0.50	mg/L	2.00		101 80-120	0.3	20	
Sulfate as SO4	4.94		0.50	"	5.00		99 80-120	0.2	20	
<b>Matrix Spike (CT04167-MS1)</b>			Source: CTF0483-01		Prepared & Analyzed: 06/10/10					
Sulfate as SO4	10.4		0.50	mg/L	5.00	5.37	100 75-125			
Chloride	22.1		0.50	"	2.00	20.7	70 75-125			QM-4X
<b>Matrix Spike Dup (CT04167-MSD1)</b>			Source: CTF0483-01		Prepared & Analyzed: 06/10/10					
Chloride	22.4		0.50	mg/L	2.00	20.7	84 75-125	1	25	
Sulfate as SO4	10.4		0.50	"	5.00	5.37	101 75-125	0.3	25	
<b>Batch CT04168 - 6010A/No Digestion</b>										
<b>Blank (CT04168-BLK1)</b>					Prepared & Analyzed: 06/10/10					
Calcium	ND	0.031	1.0	mg/L						
Magnesium	ND	0.028	1.0	"						
Potassium	ND	0.87	1.0	"						
Sodium	ND	0.021	1.0	"						
Hardness as CaCO3	ND		1.0	"						

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

06/16/10 08:00

CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114	Project: Walker Mine Project Number: [none] Project Manager: Leticia Valadez	CLS Work Order #: CTF0482 COC #: 2 Chains
--	--	--

## Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control CLS Labs

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch CT04168 - 6010A/No Digestion</b>											
<b>LCS (CT04168-BS1)</b>						Prepared & Analyzed: 06/10/10					
Calcium	9.65	0.031	1.0	mg/L	10.0		96	80-120			
Magnesium	11.2	0.028	1.0	"	10.0		112	80-120			
Potassium	9.70	0.87	1.0	"	10.0		97	80-120			
Sodium	11.2	0.021	1.0	"	10.0		112	80-120			
<b>LCS Dup (CT04168-BSD1)</b>						Prepared & Analyzed: 06/10/10					
Calcium	9.84	0.031	1.0	mg/L	10.0		98	80-120	2	20	
Magnesium	11.4	0.028	1.0	"	10.0		114	80-120	2	20	
Potassium	9.79	0.87	1.0	"	10.0		98	80-120	1	20	
Sodium	11.4	0.021	1.0	"	10.0		114	80-120	2	20	
<b>Matrix Spike (CT04168-MS1)</b>						Source: CTF0482-01 Prepared & Analyzed: 06/10/10					
Calcium	14.0	0.031	1.0	mg/L	10.0	5.24	88	75-125			
Magnesium	12.3	0.028	1.0	"	10.0	1.70	106	75-125			
Potassium	9.90	0.87	1.0	"	10.0	ND	99	75-125			
Sodium	13.1	0.021	1.0	"	10.0	2.68	104	75-125			
<b>Matrix Spike Dup (CT04168-MSD1)</b>						Source: CTF0482-01 Prepared & Analyzed: 06/10/10					
Calcium	14.1	0.031	1.0	mg/L	10.0	5.24	88	75-125	0.1	25	
Magnesium	12.3	0.028	1.0	"	10.0	1.70	106	75-125	0	25	
Potassium	9.96	0.87	1.0	"	10.0	ND	100	75-125	0.6	25	
Sodium	13.1	0.021	1.0	"	10.0	2.68	104	75-125	0.3	25	
<b>Batch CT04169 - General Preparation</b>											
<b>Blank (CT04169-BLK1)</b>						Prepared & Analyzed: 06/10/10					
Specific Conductance (EC)		ND			1.0 µmhos/cm						

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

06/16/10 08:00

CRWQCB - Sacramento  
11020 Sun Center Drive, Ste. 200  
Rancho Cordova CA, 95670-6114

Project: Walker Mine  
Project Number: [none]  
Project Manager: Leticia Valadez

CLS Work Order #: CTF0482  
COC #: 2 Chains

## Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control CLS Labs

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch CT04172 - General Preparation</b>											
<b>Blank (CT04172-BLK1)</b>											
						Prepared: 06/10/10 Analyzed: 06/11/10					
Methylene Blue Active Substances	ND		0.10	mg/L							
<b>LCS (CT04172-BS1)</b>											
						Prepared: 06/10/10 Analyzed: 06/11/10					
Methylene Blue Active Substances	0.483		0.10	mg/L	0.500		97	80-120			
<b>LCS Dup (CT04172-BSD1)</b>											
						Prepared: 06/10/10 Analyzed: 06/11/10					
Methylene Blue Active Substances	0.481		0.10	mg/L	0.500		96	80-120	0.4	20	
<b>Matrix Spike (CT04172-MS1)</b>											
			Source: CTF0482-01			Prepared: 06/10/10 Analyzed: 06/11/10					
Methylene Blue Active Substances	0.494		0.10	mg/L	0.500	ND	99	75-125			
<b>Matrix Spike Dup (CT04172-MSD1)</b>											
			Source: CTF0482-01			Prepared: 06/10/10 Analyzed: 06/11/10					
Methylene Blue Active Substances	0.497		0.10	mg/L	0.500	ND	99	75-125	0.6	25	
<b>Batch CT04196 - General Preparation</b>											
<b>Blank (CT04196-BLK1)</b>											
						Prepared & Analyzed: 06/11/10					
Total Alkalinity	ND		5.0	mg/L							
Bicarbonate as CaCO <sub>3</sub>	ND		5.0	"							
Carbonate as CaCO <sub>3</sub>	ND		5.0	"							
Hydroxide as CaCO <sub>3</sub>	ND		5.0	"							
<b>Duplicate (CT04196-DUP1)</b>											
			Source: CTF0482-01			Prepared & Analyzed: 06/11/10					
Total Alkalinity	21.8		5.0	mg/L		22.4			3	20	
Bicarbonate as CaCO <sub>3</sub>	21.8		5.0	"		22.4			3	20	
Carbonate as CaCO <sub>3</sub>	ND		5.0	"		ND				20	
Hydroxide as CaCO <sub>3</sub>	ND		5.0	"		ND				20	

CA DOHS ELAP Accreditation/Registration Number 1233

3249 Fitzgerald Road Rancho Cordova, CA 95742

www.californialab.com

916-638-7301

Fax: 916-638-4510

# CALIFORNIA LABORATORY SERVICES

06/16/10 08:00

CRWQCB - Sacramento  
11020 Sun Center Drive, Ste. 200  
Rancho Cordova CA, 95670-6114

Project: Walker Mine  
Project Number: [none]  
Project Manager: Leticia Valadez

CLS Work Order #: CTF0482  
COC #: 2 Chains

## Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control CLS Labs

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	Limit	RPD	Limit	Notes
<b>Batch CT04202 - General Preparation</b>											
<b>Blank (CT04202-BLK1)</b>											
Prepared: 06/11/10 Analyzed: 06/14/10											
Total Dissolved Solids	ND		10	mg/L							
<b>Duplicate (CT04202-DUP1)</b>											
Source: CTF0482-08 Prepared: 06/11/10 Analyzed: 06/14/10											
Total Dissolved Solids	123		10	mg/L		119			3	20	

CA DOHS ELAP Accreditation/Registration Number 1233

3249 Fitzgerald Road Rancho Cordova, CA 95742

www.californialab.com

916-638-7301

Fax: 916-638-4510

# CALIFORNIA LABORATORY SERVICES

06/16/10 08:00

CRWQCB - Sacramento  
11020 Sun Center Drive, Ste. 200  
Rancho Cordova CA, 95670-6114

Project: Walker Mine  
Project Number: [none]  
Project Manager: Leticia Valadez

CLS Work Order #: CTF0482  
COC #: 2 Chains

## Metals by EPA 200 Series Methods - Quality Control CLS Labs

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	Limit	RPD	RPD Limit	Notes
<b>Batch CT04189 - EPA 3020A</b>											
<b>Blank (CT04189-BLK1)</b>											
Prepared & Analyzed: 06/11/10											
Aluminum	ND	5.0	20	µg/L							
Arsenic	ND	0.85	2.0	"							
Copper	ND	0.23	1.0	"							
Iron	ND	7.2	50	"							
Zinc	ND	0.93	2.0	"							
Cadmium	ND	0.50	0.50	"							
<b>LCS (CT04189-BS1)</b>											
Prepared & Analyzed: 06/11/10											
Aluminum	105	5.0	20	µg/L	100		105	80-120			
Arsenic	103	0.85	2.0	"	100		103	80-120			
Copper	110	0.23	1.0	"	100		110	80-120			
Iron	120	7.2	50	"	100		120	80-120			
Zinc	108	0.93	2.0	"	100		108	80-120			
Cadmium	10.3	0.50	0.50	"	10.0		103	80-120			
<b>LCS Dup (CT04189-BSD1)</b>											
Prepared & Analyzed: 06/11/10											
Aluminum	111	5.0	20	µg/L	100		111	80-120	5	20	
Arsenic	105	0.85	2.0	"	100		105	80-120	2	20	
Copper	113	0.23	1.0	"	100		113	80-120	3	20	
Iron	126	7.2	50	"	100		126	80-120	5	20	QM-1
Zinc	113	0.93	2.0	"	100		113	80-120	4	20	
Cadmium	10.5	0.50	0.50	"	10.0		105	80-120	1	20	
<b>Matrix Spike (CT04189-MS1)</b>											
Source: CTF0482-01      Prepared & Analyzed: 06/11/10											
Aluminum	181	5.0	20	µg/L	100	73.5	108	75-125			
Arsenic	105	0.85	2.0	"	100	ND	105	75-125			
Copper	103	0.23	1.0	"	100	0.570	103	75-125			
Iron	193	7.2	50	"	100	89.3	103	75-125			
Zinc	104	0.93	2.0	"	100	2.79	102	75-125			
Cadmium	10.6	0.50	0.50	"	10.0	ND	106	75-125			

CA DOHS ELAP Accreditation/Registration Number 1233

3249 Fitzgerald Road Rancho Cordova, CA 95742

www.californialab.com

916-638-7301

Fax: 916-638-4510



# CALIFORNIA LABORATORY SERVICES

06/16/10 08:00

CRWQCB - Sacramento  
11020 Sun Center Drive, Ste. 200  
Rancho Cordova CA, 95670-6114

Project: Walker Mine  
Project Number: [none]  
Project Manager: Leticia Valadez

CLS Work Order #: CTF0482  
COC #: 2 Chains

## Metals by EPA 200 Series Methods - Quality Control

### CLS Labs

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

#### Batch CT04189 - EPA 3020A

Matrix Spike (CT04189-MS2)		Source: CTF0482-10			Prepared & Analyzed: 06/11/10						
Aluminum	168	5.0	20	µg/L	100	69.3	98	75-125			
Arsenic	104	0.85	2.0	"	100	ND	104	75-125			
Copper	104	0.23	1.0	"	100	0.640	103	75-125			
Iron	200	7.2	50	"	100	94.8	105	75-125			
Zinc	103	0.93	2.0	"	100	ND	103	75-125			
Cadmium	10.6	0.50	0.50	"	10.0	ND	106	75-125			

Matrix Spike Dup (CT04189-MSD1)		Source: CTF0482-01			Prepared & Analyzed: 06/11/10						
Aluminum	193	5.0	20	µg/L	100	73.5	119	75-125	6	25	
Arsenic	106	0.85	2.0	"	100	ND	106	75-125	0.8	25	
Copper	104	0.23	1.0	"	100	0.570	104	75-125	0.9	25	
Iron	203	7.2	50	"	100	89.3	113	75-125	5	25	
Zinc	105	0.93	2.0	"	100	2.79	102	75-125	0.5	25	
Cadmium	10.6	0.50	0.50	"	10.0	ND	106	75-125	0.5	25	

Matrix Spike Dup (CT04189-MSD2)		Source: CTF0482-10			Prepared & Analyzed: 06/11/10						
Aluminum	175	5.0	20	µg/L	100	69.3	106	75-125	4	25	
Arsenic	105	0.85	2.0	"	100	ND	105	75-125	2	25	
Copper	106	0.23	1.0	"	100	0.640	105	75-125	2	25	
Iron	207	7.2	50	"	100	94.8	112	75-125	4	25	
Zinc	106	0.93	2.0	"	100	ND	106	75-125	3	25	
Cadmium	10.6	0.50	0.50	"	10.0	ND	106	75-125	0.3	25	

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

06/16/10 08:00

CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114	Project: Walker Mine Project Number: [none] Project Manager: Leticia Valadez	CLS Work Order #: CTF0482 COC #: 2 Chains
--	--	--

## Metals (Dissolved) by EPA 200 Series Methods - Quality Control

### CLS Labs

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

#### Batch CT04187 - EPA 3020A

Blank (CT04187-BLK1) Prepared & Analyzed: 06/11/10											
Aluminum	ND	5.0	20	µg/L							
Arsenic	ND	0.85	5.0	"							
Copper	ND	0.23	2.0	"							
Iron	ND	7.2	50	"							
Zinc	ND	0.93	2.0	"							
Cadmium	ND	0.50	0.50	"							

LCS (CT04187-BS1) Prepared & Analyzed: 06/11/10											
Aluminum	104	5.0	20	µg/L	100	104	80-120				
Arsenic	102	0.85	5.0	"	100	102	80-120				
Copper	105	0.23	2.0	"	100	105	80-120				
Iron	108	7.2	50	"	100	108	80-120				
Zinc	102	0.93	2.0	"	100	102	80-120				
Cadmium	10.3	0.50	0.50	"	10.0	103	80-120				

LCS Dup (CT04187-BSD1) Prepared & Analyzed: 06/11/10											
Aluminum	106	5.0	20	µg/L	100	106	80-120	2	20		
Arsenic	104	0.85	5.0	"	100	104	80-120	3	20		
Copper	107	0.23	2.0	"	100	107	80-120	2	20		
Iron	107	7.2	50	"	100	107	80-120	0.3	20		
Zinc	106	0.93	2.0	"	100	106	80-120	4	20		
Cadmium	10.5	0.50	0.50	"	10.0	105	80-120	1	20		

Matrix Spike (CT04187-MS1) Source: CTF0482-01 Prepared & Analyzed: 06/11/10											
Aluminum	127	5.0	20	µg/L	100	27.3	99	75-125			
Arsenic	104	0.85	5.0	"	100	ND	104	75-125			
Copper	103	0.23	2.0	"	100	0.510	102	75-125			
Iron	135	7.2	50	"	100	23.2	112	75-125			
Zinc	105	0.93	2.0	"	100	3.37	101	75-125			
Cadmium	10.5	0.50	0.50	"	10.0	ND	105	75-125			

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

06/16/10 08:00

CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114	Project: Walker Mine Project Number: [none] Project Manager: Leticia Valadez	CLS Work Order #: CTF0482 COC #: 2 Chains
--	--	--

## Metals (Dissolved) by EPA 200 Series Methods - Quality Control

### CLS Labs

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

#### Batch CT04187 - EPA 3020A

Matrix Spike (CT04187-MS2)		Source: CTF0482-11			Prepared & Analyzed: 06/11/10						
Aluminum	120	5.0	20	µg/L	100	18.2	101	75-125			
Arsenic	108	0.85	5.0	"	100	ND	108	75-125			
Copper	127	0.23	2.0	"	100	28.2	98	75-125			
Iron	184	7.2	50	"	100	70.1	114	75-125			
Zinc	111	0.93	2.0	"	100	4.89	106	75-125			
Cadmium	10.9	0.50	0.50	"	10.0	ND	109	75-125			

Matrix Spike Dup (CT04187-MSD1)		Source: CTF0482-01			Prepared & Analyzed: 06/11/10						
Aluminum	128	5.0	20	µg/L	100	27.3	101	75-125	1	25	
Arsenic	108	0.85	5.0	"	100	ND	108	75-125	3	25	
Copper	106	0.23	2.0	"	100	0.510	106	75-125	3	25	
Iron	133	7.2	50	"	100	23.2	110	75-125	1	25	
Zinc	107	0.93	2.0	"	100	3.37	104	75-125	2	25	
Cadmium	10.9	0.50	0.50	"	10.0	ND	109	75-125	4	25	

Matrix Spike Dup (CT04187-MSD2)		Source: CTF0482-11			Prepared & Analyzed: 06/11/10						
Aluminum	120	5.0	20	µg/L	100	18.2	102	75-125	0.1	25	
Arsenic	105	0.85	5.0	"	100	ND	105	75-125	3	25	
Copper	130	0.23	2.0	"	100	28.2	101	75-125	2	25	
Iron	175	7.2	50	"	100	70.1	105	75-125	5	25	
Zinc	108	0.93	2.0	"	100	4.89	103	75-125	3	25	
Cadmium	10.6	0.50	0.50	"	10.0	ND	106	75-125	3	25	

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

06/16/10 08:00

CRWQCB - Sacramento  
11020 Sun Center Drive, Ste. 200  
Rancho Cordova CA, 95670-6114

Project: Walker Mine  
Project Number: [none]  
Project Manager: Leticia Valadez

CLS Work Order #: CTF0482  
COC #: 2 Chains

## Notes and Definitions

- QM-4X The spike recovery was outside of QC acceptance limits for the MS and/or MSD due to analyte concentration at 4 times or greater the spike concentration. The QC batch was accepted based on LCS and/or LCSD recoveries within the acceptance limits.
- QM-1 The spike recovery was outside acceptance limits for the LCS or LCSD. The batch was accepted based on acceptable MS/MSD recoveries & RPD's.
- J Detected but below the Reporting Limit; therefore, result is an estimated concentration.
- HT-F This is a field test method and it is performed in the lab outside holding time.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference

**Exhibit 71**

# CENTRAL VALLEY REGIONAL WATER QUALITY CONTROL BOARD

## INSPECTION REPORT

17 August 2010

**DISCHARGER:** Walker Mine, Abandoned and Unclaimed Private Property  
**LOCATION & COUNTY:** Plumas County  
**CONTACT(S):** Central Valley Water Board, Jeff Huggins  
**INSPECTION DATE:** 19-23 July 2010  
**INSPECTED BY:** Jeff Huggins, Water Resources Control Engineer  
**ACCOMPANIED BY:** Elmer Brown and Jeremy Micallef, Becks Enterprises

### COMMENTS:

During the week of July 19-23 Central Valley Water Board staff supervised the inspection, maintenance, and repairs of the ventilation system in the 700 Level Adit of the Walker Mine by Beck's Enterprises Inc. (Beck's). The work was authorized in a 10 June 2010 Memorandum from the State Water Resources Control Board, Division of Financial Assistance Deputy Director Barbara Envoy to Central Valley Water Board Executive Officer Pamela Creedon. The work performed is described in this inspection report and a photo log of the work performed is also attached.

### CONDITIONS:

Weather conditions were clear and warm during the week with temperatures outside of the adit in the mid 80's Fahrenheit. Inside the 700 Level Adit, depending on the location within the adit, conditions were both wet and dry with temperatures of about 55° Fahrenheit.

### DAILY ACTIVITIES:

**18 July 2010** – Central Valley Water Board staff and the Contractor (Beck's) mobilized to Portola California to begin work at the Walker Mine. Staff met briefly with the contractor to discuss access to the mine site, proposed start time, status of equipment and supplies, and location of local suppliers.

**19 July 2010** – 6:30 am: Mobilized to the Walker Mine with the contractor.

6:30-9:00: Unload and setup equipment and supplies (see photos 1-6).

9:00am: Preliminary safety meeting before entering 700 Level Adit. Tested radio communications gear for both the mine entry and telecommunications for access to 911 emergency services. Initial reconnaissance of the first 400 lineal feet of the 700 Level Adit was performed using multi-gas detector which continuously monitors for oxygen levels. Required oxygen levels were within the acceptable parameters of 19.5 to 22 percent oxygen.

9:30-11:30 am: Removed old ventilation fan flexible exhaust line and install new flexible line (see photo 4).

Approved: 

--	--

11:30-1:30 pm: Jerry Snapp of the California Department of Occupational Safety and Health, Mining and Tunneling Unit is on-site to conduct the prejob safety meeting.

1:30-3:30: Test generator and fan (see photos 7-12). Fan motor runs for approximately 20 seconds and trips motor control circuit overload switches. Several more attempts to run fan in both forward and reverse resulted in continual tripping of circuit overload switches in less than 20 seconds. Trouble shoot problem, by going through all electrical circuits, connectors, and generator controls. No success.

3:30-6:00 pm: Offsite to find qualified large power electrician to trouble shoot fan motor problem. Call seven different electrical contractors (Dave's Generator, Compass Equipment, AIC Electric, Allens Electric, Gray Eagle Electric, Grizzly Electric, and Burritt Electric). Return calls from Compass, AIC, and Burritt. Conduct short phone interviews with each to determine experience and availability. Burritt has experience with large power systems at Nevada Cement Plant, is local and is available Tuesday morning. Select Burritt and make arrangements for his services to be paid by Becks Enterprises as a subcontractor.

**20 July 2010** – 6:30 am: Meet John Burritt and mobilized to Walker Mine with him.

7:30-11:00 am: John Burritt and Elmer Brown trouble shoot fan electrical motor problems. After testing generator output, each power cable and connectors, motor control switch gear and circuit breakers, and finally the fan motor, John Burritt finds that the fan motor had been previously rewired to run on 3 phase 208/240 voltage. Both the fan motor plate and job specifications had indicated that the fan motor was 3 phase 480 voltage.

With this information, the generator was switched to run on 3 phase 230 voltage and the fan performed successfully in both the forward and reverse mode. Under start-up conditions (full load amps), the amperage of the fan motor climbed to 40 amps and took nearly 30 seconds to draw down to the normal operating range of approximately 4 amps. John Burritt surmised that the fan would run more efficiently and draw less startup amperage if wired correctly in the future (3 phase 480 voltage).

7:30-11:00am: Jeremy, Larry, and Jimmy start re-hanging ventilation ducting (see photos 15-16). Suspension wire (photo 17) obtained by Beck's is of better quality than required in the Scope-of-Work. Therefore, single wrapping of 18-inch Schauenburg ducting is allowed by staff. Additionally, because most timber sets are skin-to-skin suspension wire cannot be hung from the cap timbers. As such, 20-penny nails are driven into competent timbers high-up on each rib and the suspension wire and 18-inch Schauenburg ducting hung from that anchor point (see photo 18).

11:30-4:30pm: 600 feet of ventilation ducting re-hung during the day. Fan tested in both the forward (exhaust) and reverse (blow) mode. Better air flow was achieved in the exhaust mode and that mode was maintained for the duration of the project.

**21 July 2010** – 6:30 am: Mobilize to Walker Mine. Meet with the contractor and discussed planned activities. Plan is to finish hanging vent ducting in the timbered section today (up to Station 1,100). Some of the bell ends of the vent ducting are cracked or split and may not seal correctly. Decide to rotate ducting so splits are towards the outside of the rib where they can be inspected and sealed if necessary. Elmer to inspect a portion of the unsupported section of the 700 Level Adit depending on airflow and ground conditions.

8:30-11:30: Good progress in re-hanging vent ducting up to the Station 1,000. Some unsupported ground near Station 1,000 required support (photo 20). Beck's used some of the Regional Water Boards stockpiled pressure treated 3"x12" timber for this work.

11:30-4:30 pm: Finished hanging vent line in the timbered section, start transition to the floor. Inspect, sound, and perform minor scaling all the way to the Walker Mine seal (Station 2,675). Overall unsupported ground conditions are good. Minor evidence of rock fall from the back and ribs. Geologic material is decomposed granite (DG) and granodiorite. DG is weathered and granodiorite is heavily fractured with evidence of water and clay in the fractures (photos 21-22). A brief inspection of the mine seal was made by staff (photos 23-24). The seal appeared to have a minor seepage estimated at 0.1-0.25 gallons per minute. This compares with previous estimates made during other site visits.

**22 July 2010** – 6:30 am: Mobilize to Walker Mine. Meet with the contractor and discussed planned activities. Plan is to finish transition of the vent ducting from the timbered section (hanging) to the floor, to seal the ducting joints where they are leaking in the timbered section only, patch the vent ducting at the damaged sections, mark/paint the Station Numbers at 100-foot intervals, advance the communication line from the timbered section to the mine seal, and cleanup construction debris from current and previous work.

9:30 am Transition of vent ducting from hanging to the floor is complete, Beck's is starting on sealing the joints of the 20-foot long ducting in the timbered section.

9:30-3:30 pm: Beck's works on finishing sealing vent ducting joints and cleanup of trash in the timbered section while staff replaced the four large (12 volt) deep cycle marine batteries with similar recharged batteries. These batteries provide continuous power for the GE Druck data transmitter and the Telog data logger. Staff also replaced the two small (3 volt) Telog data recorder batteries (photos 29-30). The data recorder batteries had gone approximately 6 years without replacement and had failed during our 9 June 2010 inspection while we were downloading data from the recorder.

Because staff was unable to change the 3-volt batteries within the allotted 20 seconds, the original programming and stored data on the Telog data recorder were lost. However, a duplicate of the stored data is retained on the Walker Mine lap top computer and on the Central Valley Water Boards T drive. Staff reprogrammed the Telog data recorder and obtained a data recorder reading of 6.68-mAmps (123 feet of pressure head). This correlated reasonably with the last recorder reading during the 9 June 2010 inspection of 6.92-mAmps (134 feet of pressure head).

**23 July 2010** – 6:30 am: Mobilize to Walker Mine. Meet with the contractor and discuss planned activities. Plan is for Beck's to repair the crushed vent ducting at Station 1,940 that was damaged from scaling activities during a prior inspection. Beck's to finish advancing the communications line to the mine seal and test, and take ventilation readings throughout the 700 Level Adit. Board staff will inspect mine seal and valves for leakage and corrosion.

7:30-10:30am: Becks repaired the crushed vent ducting at Station 1,940 by cutting sections from extra vent ducting and constructing a sleeve over the damaged section. Patch works fairly well. Beck's assisted staff in testing the Regional Water Boards Walker Mine



communication gear. Communication gear works fairly well, but has some limitations regarding mobility and call out (e.g. no squawk box function). Both operators have to be on the line at the same time using prearranged communications schedule.

10:30am-3:00pm: Staff inspected the mine seal and valves. Slight leakage noted in upper left hand corner of the mine seal. Leakage appears to be coming through the contact between the overlying granodiorite formation and the mine seal. As discussed above, the mine seal appeared to have minor seepage estimated at 0.1-0.25 gallons per minute. On the left hand side of the adit, water was pooled immediately below the mine seal to a depth of approximately 18-inches (see photo 24). This water is retained by spilled concrete on the floor of the adit, which is presumably from the mine seal construction. Once the pooled water tops over the spilled concrete abutment, it quickly infiltrates into the floor of the adit within approximately 100 feet of the end of the concrete. The floor of the adit and drainage ditch is dry from that point to nearly the timber section of the 700 Level Adit.

The two 4-inch shutoff valves and auxiliary valves were loosely covered with thin plastic bags to protect the valves from seeping water from the mine seal and the roof. Staff carefully removed the plastic covering and inspected the 4-inch shutoff valves originally installed with the mine seal in 1987. The pressure gauge installed on the right hand 4-inch stainless steel drain pipe indicated a gauge reading of approximately 50 pounds per square inch which corresponds to a approximately 116 feet of pressure head.

The rotary, manual, handwheel actuator for each valve are painted cast iron. The actuators are encrusted with metal oxide deposits and show external corrosion due to constant exposure of acidic water from the mine seal area (photos 31-32). The exterior of the valves themselves are lightly corroded but appear to be in good condition. The downstream 4-inch auxiliary backup valves made of stainless steel that were installed during 2001 Walker Mine Seal Testing show little evidence of corrosion (photo 33).

Because of time constraints and limited mechanical tools on hand, no effort was made to operate the primary control valves or the downstream backup valves. Staff covered the valves with heavy duty visqueen bags and exited the adit. Staff recommends that during the regular 2010 pre-winter inspection that Board staff be prepared to test the operation of the valves in accordance with the procedures outlined in the section 7 of the Walker Mine Seal Testing and Evaluation Report (GEI Consultants, 1 March 2002).

**SUMMARY:**

During the week of July 19-23<sup>rd</sup> Central Valley Water Board staff supervised a contractor in the inspection, maintenance, and repairs of the ventilation system in the 700 Level Adit of the Walker Mine. All work was performed in general accordance with the scope of work and has been completed. The Walker Mine ventilation system is operable, but with some limitations as noted in this Central Valley Water Board inspection report and in Beck's inspection report dated 26 July 2010.

---

Jeff Huggins  
Water Resources Control Engineer

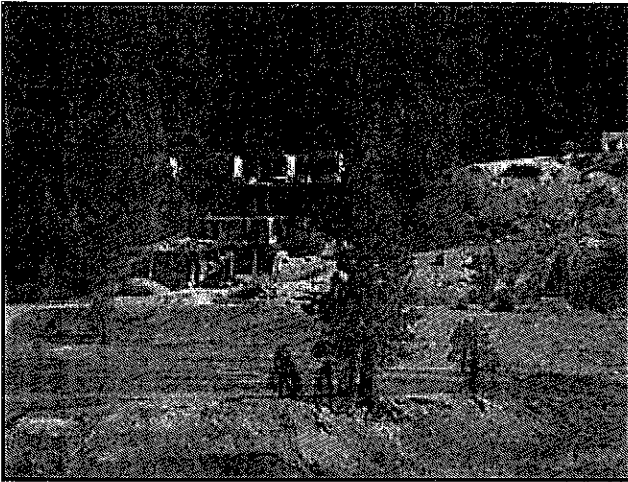


Photo 1. Walker Mine mill foundations.

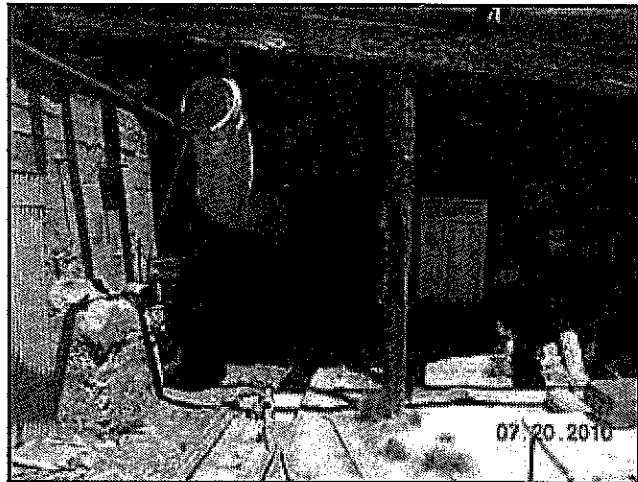


Photo 4. Ventilation fan flexible exhaust ducting.

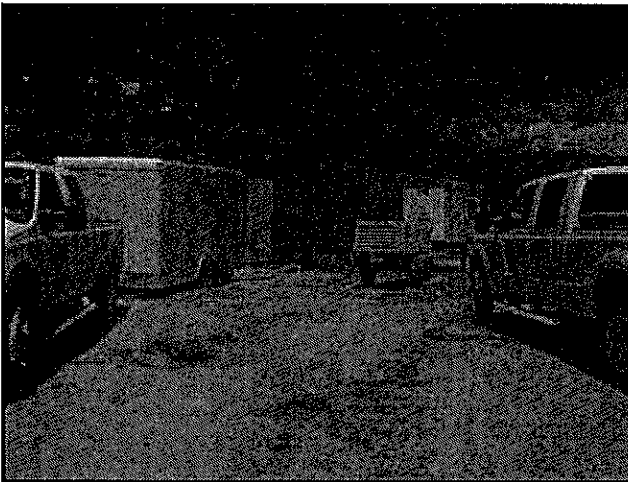


Photo 2. Walker Mine portal area.

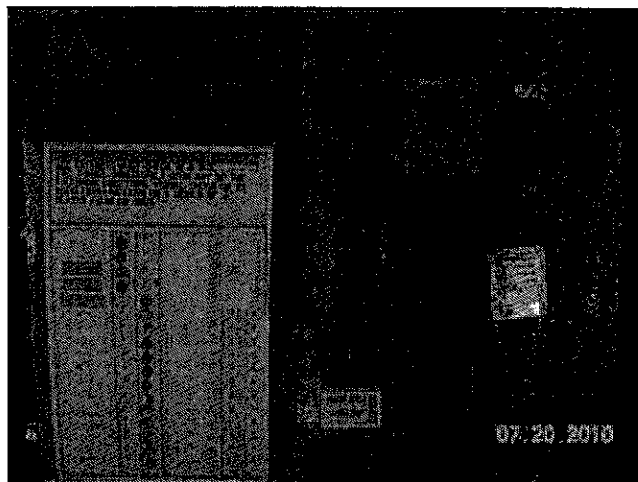


Photo 5. In/out board, fan motor control box, and mine phone.

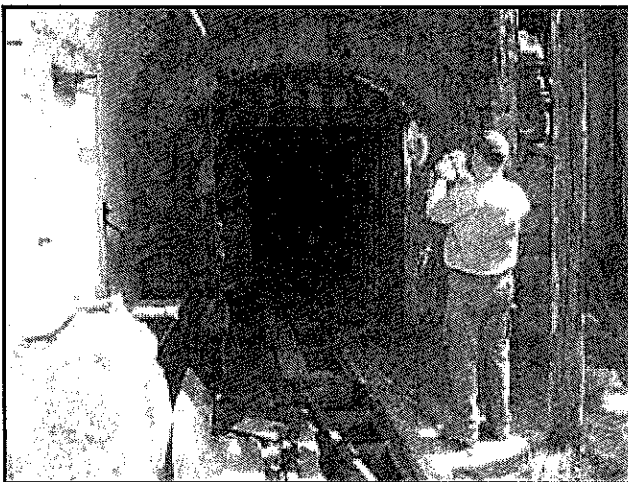


Photo 3. Walker Mine 700 Level Adit Entrance.

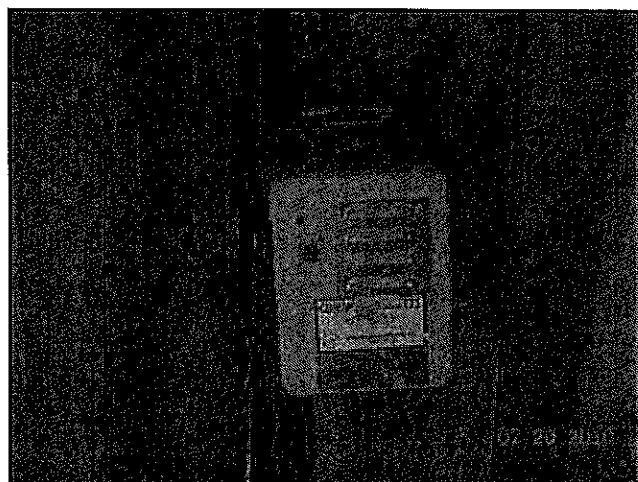


Photo 6. Temporary internal mine phone provided by Beck's.



Photo 7. Ventilation fan motor control box provided by Central Valley Water Board.

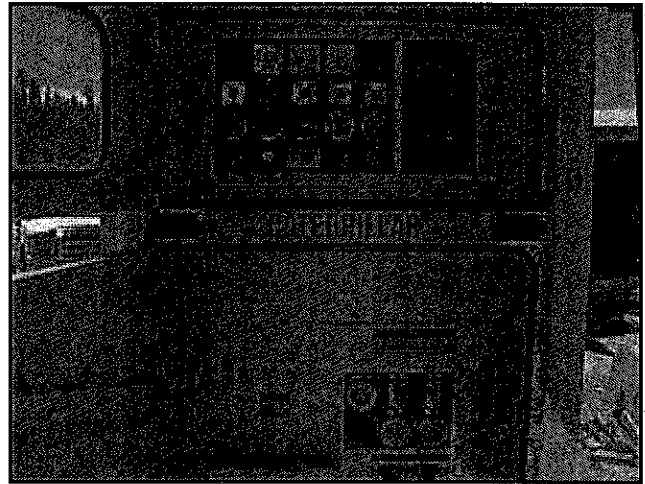


Photo 10. Generator control panel.

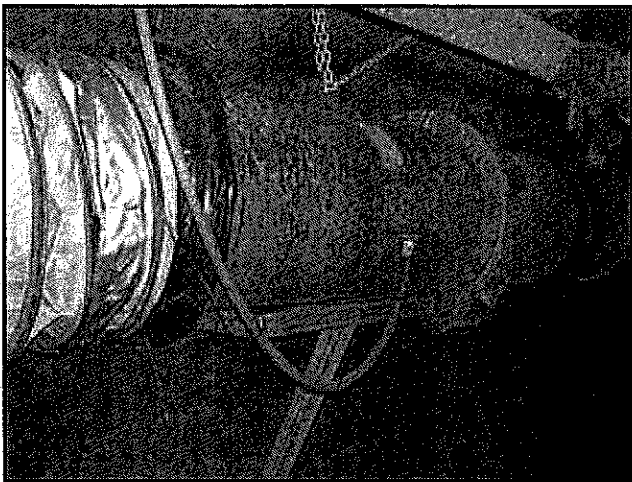


Photo 8. Jet Air 3-HP Axiflow Fan.

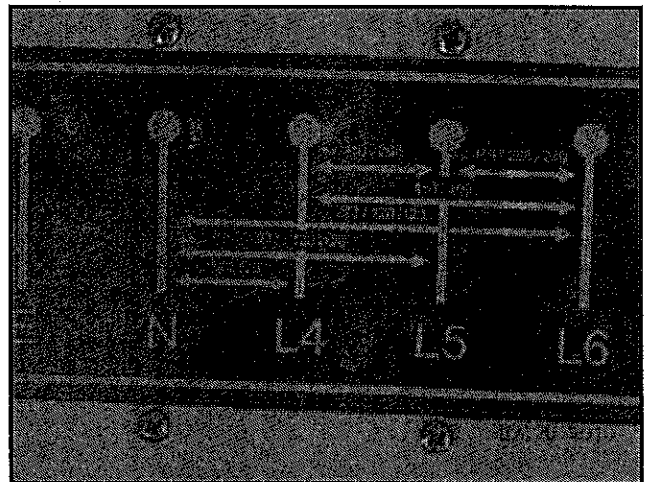


Photo 11. Generator wiring diagram.

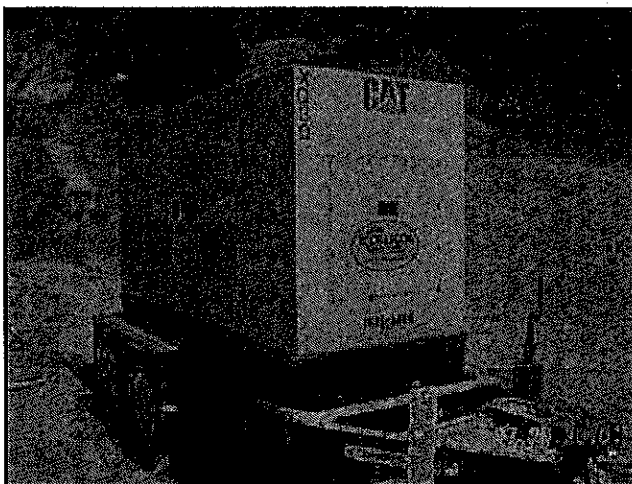


Photo 9. CAT 40KW Diesel Generator.

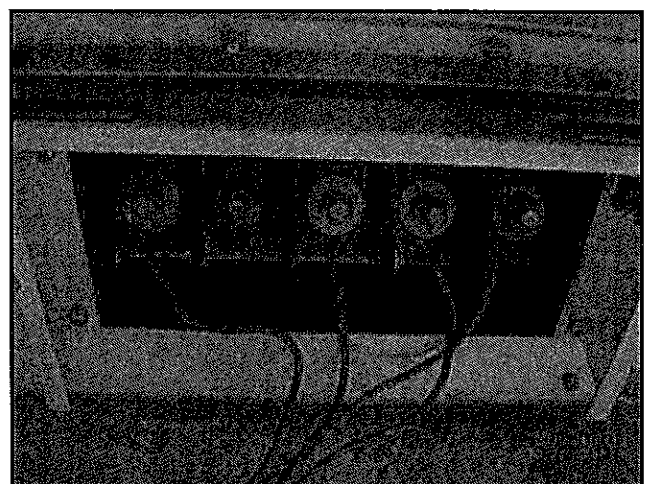


Photo 12. Generator wired to fan motor control box electrical leads.

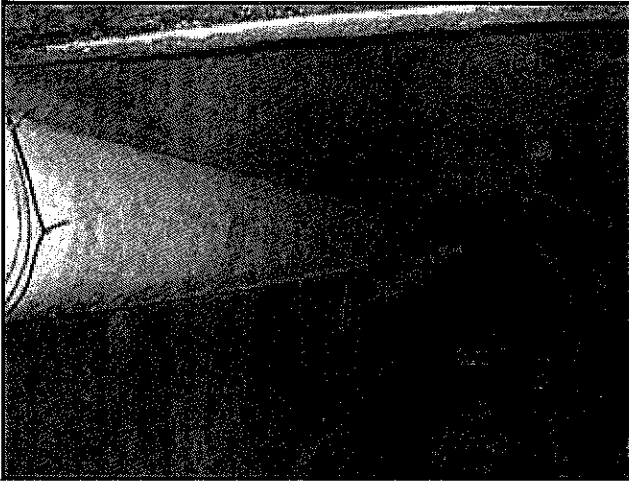


Photo 13. 18-inch Schauenburg rigid ventilation ducting hung in the concrete/culvert section.



Photo 16. Looking towards the adit entrance, showing Beck's rehangng the ventilation ducting.

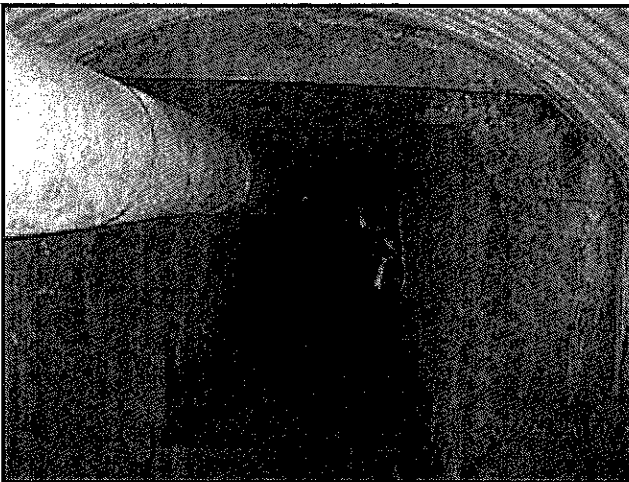


Photo 14. 18-inch rigid ventilation ducting hung at transition from culvert to timbered section.

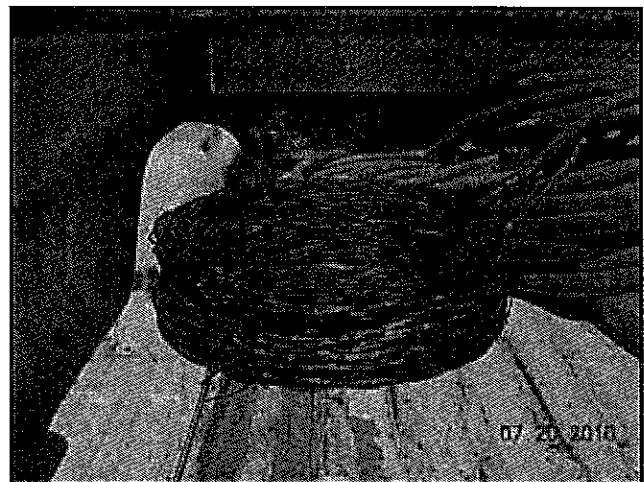


Photo 17. 1,000-foot roll of 7-gauge vinyl coated galvanized tie wire.



Photo 15. Showing collapsed ventilation ducting on the floor of the adit 60 feet into the timbered section.

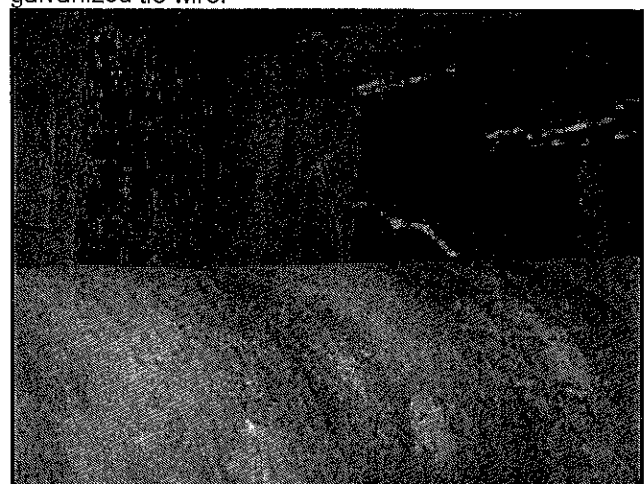


Photo 18. Rigid ventilation ducting wrapped with tie wire and hung from 20-penny nail sunk into timber support.





Photo 19. Reinstalling the ventilation system.

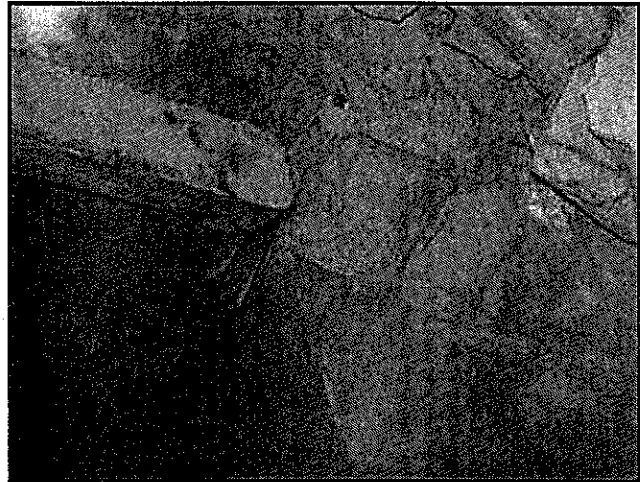


Photo 22. Picture of unsupported ground showing fractures in the granodiorite.



Photo 20. Additional ground support placed near Station 1,000.



Photo 23. Walker Mine seal at Station 2675. Black plastic visqueen bags cover the 4-inch shutoff valves.

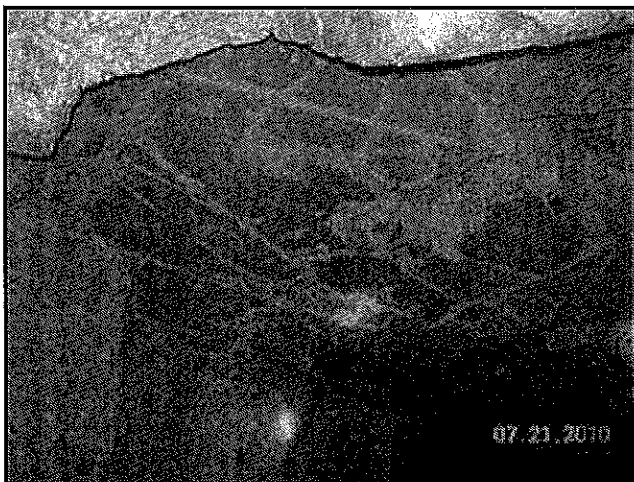


Photo 21. Unsupported section of the 700 Level Adit just past the timbered section.



Photo 24. Showing water leaking from the area of the mine seal pooled below the 4-inch shutoff valves.

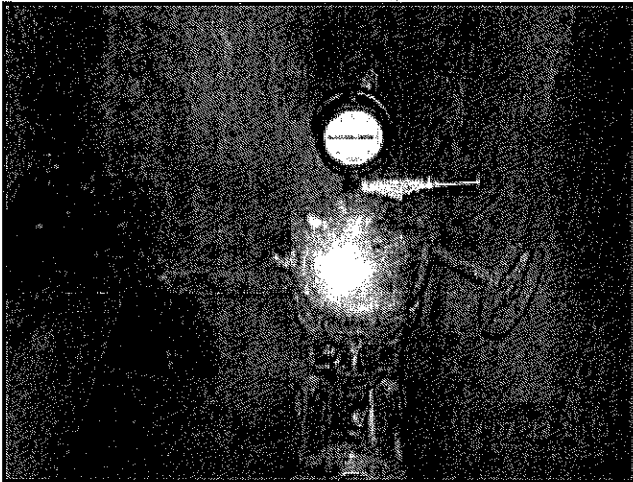


Photo 25. Showing the pressure gauge and GE Druck pressure sensor attached below the pressure gauge.

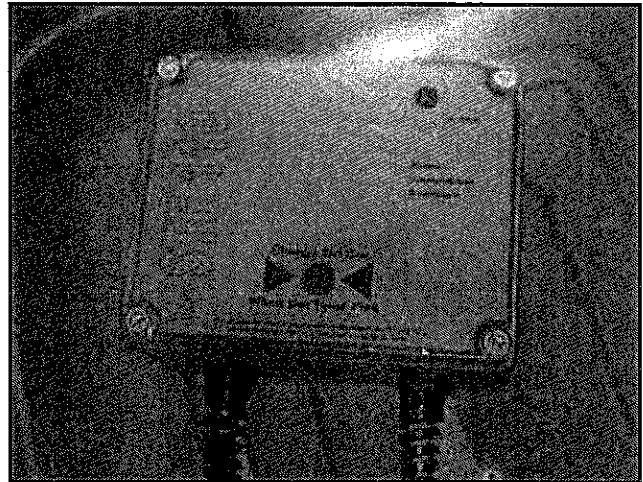


Photo 28. Close-up view of previous photo. Wiring strung along the floor of the length of the adit connects the pressure transmitter with the data logger.



Photo 26. Close-up view of the GE Druck PTX 520 industrial pressure transmitter.



Photo 29. Telog data logger located near the transition from culvert to timbered section of the 700 Level Adit.

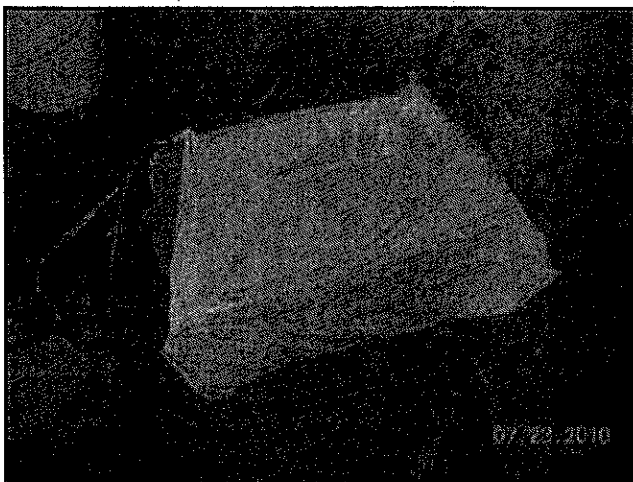


Photo 27. Plastic box near the mine seal containing the GE Druck Sensor Termination Enclosure.

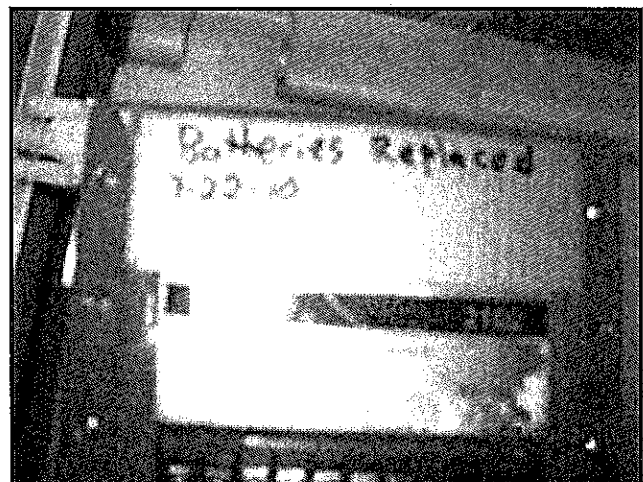


Photo 30. Notation showing that batteries in the data logger had been replaced.



Photo 31. Right hand side shutoff valve.

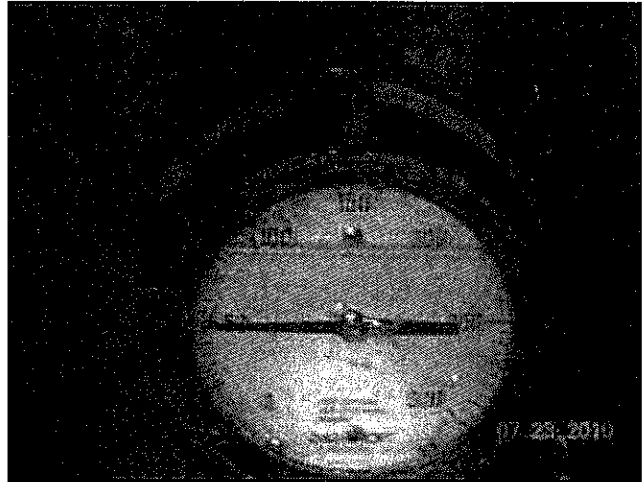


Photo 34. Hydraulic pressure reading of 50 psi or approximately 116 feet of head.

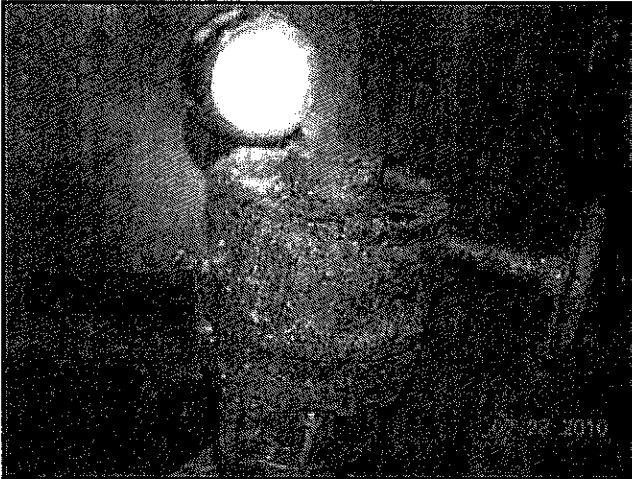


Photo 32. Shutoff valve actuator housing and 6-inch diameter handwheel shows signs of heavy corrosion.



Photo 35. Showing termination of 18-inch ventilation ducting approximately 20 feet from the mine seal.



Photo 33. The 4-inch backup valves (lower left) show little sign of corrosion.

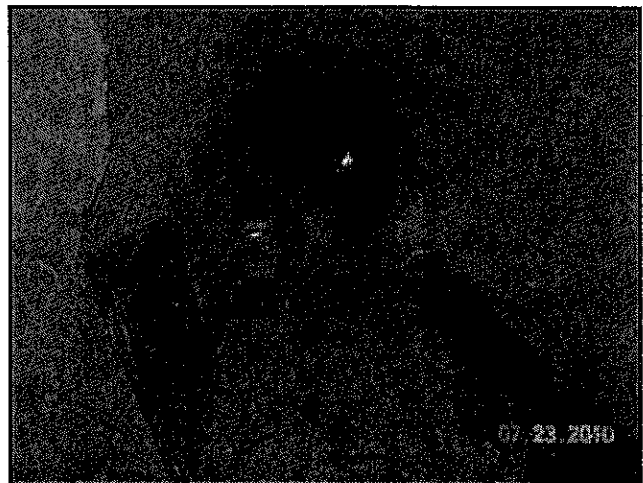


Photo 36. Looking towards the 700Level Adit portal. Light in center of the photo is portal opening 2,675 feet from the mine seal.

**Exhibit 72**



# BECK'S ENTERPRISES

3105 Sierra St.  
Riverbank, Ca. 95367

15278 Monreal Rd.  
Madera, Ca. 93636

[becksinc@gmail.com](mailto:becksinc@gmail.com)



July 26, 2010

Project: IFB No. 10-038-150

Attention: Jeff Huggins  
California Valley Water Board

## **Regarding: Safety and stabilization of the Walker Mine 700' Access Tunnel.**

During the site work of repairing the ventilation system in the access tunnel at the 700' Level of the Walker Mine an inspection was completed by Jeff Huggins (Central Valley Water Board) and Beck's Enterprises (Elmer Brown and Jeremy Micallef). The results of this inspection are summarized in this letter report dated July 23, 2010. This inspection will also include a review of the repairs previously completed.

The west reach of the 700' level access tunnel at the Walker Mine from station 0+00 to station 3+50<sup>±</sup> has experienced an ancient major slide above the portal, causing partial tunnel collapses (possibly during construction of the access tunnel or while mining operations were on going), leaving loose displaced rock and ground above the tunnel in heights from 8' to 60'. The scarp on the hillside is 60'<sup>±</sup> High 150'<sup>±</sup> wide.

The first reach of the tunnel station 0+00 to station 0+15<sup>±</sup> is concrete lined approximately 15'<sup>±</sup> of the tunnel appears to be in good condition along with the portal.

Recommendation: no maintenance at this time.

The second reach of the tunnel station 0+15 to station 2+55 is galvanized steel corrugated pipe with 10'<sup>±</sup> cross section. This reach of the tunnel appears to be in good condition.

Recommendation: no maintenance at this time.

The third reach of the tunnel (station 2+55 to station 11+35) is Timbered Sets, Posts and Caps. There are signs of long term staining and deteriorating timbers with water seepage coming through the fractures and joints of the rocks. Areas could be seen where timbers sets had been replaced during previous repairs. Timber Posts and caps are placed skin to skin to support the heavy weight of loose ground and displaced rocks, extending approximately 350' into the tunnel from the west portal beneath the ancient slide. During the inspection July 23, 2010 it was noted 10% of the existing timber sets need to be replaced due to continuing deterioration (refer to Timber Pictures).



The fourth reach of the access tunnel (station 11+35 to station 26+00) was inspected and scaled down as recommended for the necessary maintenance repairs of the ventilation system. This reach of the tunnel was unlined and without any rock reinforcement. Elmer Brown found the tunnel to be horseshoe shaped with a current width of 8'± and a height of 9'±. The unlined reach was approximately 1,465'±. The rock masses appear to be generally blocky resulting from faults and joints in the rock. Very few rocks were seen in the invert that had previously fallen from air slacking. There are signs of long term staining water and mud seepage coming through fractures and joints; however there are few signs of instability. Some tight rear vertical joints in the roof were observed and have several discontinuities and joints that could lead to instability in the future. A few areas could be seen where spot rockbolting could be used to improve the long term stability of the tunnel.

#### Ventilation System

The 18" Jet Air 3 hp ventilation fan motor would not run on 3-phase 480 voltage as indicated on the fan motor plate, this problem required the services of a qualified electrician to inspect, test and diagnose. The electrician found that the fan motor had been rewired for 3 phase 208/240 voltage. The fan could potentially perform better if rewired for 3 phase 480 voltage, but probably it is too small (won't produce sufficient ventilation) for future construction activities. Ventilation fans are designed to run both in forward (exhaust) or reverse (blow). Beck's Enterprises performed tests on both directions and recommends that running the fan in the forward (exhaust) position in order to provide proper air flow.

It is recommended that the current 18" inch Jet Air 3 hp Ventilation System in the Walker Mine 700 Level Adit should be increased or changed to support any future construction activities. The air velocity in the Walker Mine varied through the different reaches in the Adit Tunnel. Due to the reduction in size of some reaches in the Adit Tunnel, and distance the ventilation fan had to maintain the positive pressure through out these reaches.

Example: The C.M.P. reach maintained a positive pressure of 30 LFM, due to it being larger a cross section. The Timber reach maintained a positive pressure of 60 LFM due to the reduction in size of the cross section of this reach. In the Bald Headed section the pressure varied from 45 LFM at St. 12+00 to at the Bulk Head where air flow had decreased to a level that was not measurable. Due to the increased size of the cross section of the Bald Headed reach the condition of the ground changes. The Ribs and Back of the Adit Tunnel are irregular which causes turbulence thus decreasing the air flow due to the length of the ventilation system as well as the turbulence created by the rough walls in this cross section of the Adit Tunnel.



As stated in the Title Eight Regulations Subchapter 20. Tunnel Safety Orders Article 12. Ventilation and Dust Control, 8437. Ventilation and Air Quality.

(a) Fresh air shall be provided in adequate quantities to all underground work areas. The supply shall at least be sufficient to prevent dangerous or harmful accumulations of dusts, fumes, vapors or gases, and shall not be less than 200 cubic feet per minute for each person underground and 100 cubic feet per minute per brake horse power on a diesel engines. The lineal velocity of the air flow in the tunnel bore shall not be less than 60 feet per minute in those tunnels where blasting or rock drilling is conducted or where there are other conditions that are likely to produce dusts, fumes, vapors or gases in harmful quantities.

(b) The main ventilation system shall be so arranged that the air flow can be reversed or shut off from the surface.

### SUMMARY

The results of our site inspection indicated minor stability problems due to rotting timber, post & caps. Although it is unlikely that a large failure will occur, (which could block the tunnel), erosion of the weathered rock will continue without remedial measures.

Beck's Enterprises recommends, the Central Valley Water Board consider installing rockbolts as required. Conditions in unlined tunnels with highly jointed rock and fractures such as these can change rapidly.

Beck's enterprises recommends, the Central Valley Water Board consider replacing rotten timber sets, post and caps as outlined above in this report.

As with the timbered reach of the tunnel, it is critical that any ground that requires support be reinforced as quickly as possible. It is simpler, faster and less expensive to support ground that is still keyed together than after movement has occurred and may still be in progress. Ground that is open but still keyed, is to some extent self-supporting. This fact means that the total rock load does not need to be supported, as with the timbered reach of this tunnel where a previously partial or total tunnel collapse had occurred (station 0+00 to station 9+50<sup>±</sup> possibly during construction). Some of the unlined portion of the tunnel should have some maintenance however the tunnel condition are such that there is no clear dividing line regarding where to start or stop maintenance work.



## **Walker Mine 700 Level Adit Safety Evaluation**

**This Evaluation was created to inform and increase the awareness of the Potential Hazards, Proper Equipment and Safety Procedures for future visits or Construction Activities at the Walker Mine Site.**

Prior to the entry and the onsite work completed at the Walker Mine 700 Level Adit Job Site. A series of Safety precautions and procedures were devised and implemented in order to safely complete the construction tasks required and to protect the safety of Beck's Enterprises Personnel and the Central Valley Water Board. The procedures included but were not limited to the creation of a site specific Emergency Action Plan, a JSSA (Job Specific Site Analysis) and the Safety Training and Orientation required by the Title Eight TSO and Division of Mining and Tunneling Cal OSHA Regulations.

Subchapter 20. Tunnel Safety Orders, Article 2. Definitions

Tunnel- An underground passageway, 30 inches in diameter or greater, excavated by employees working below the earth's surface, that provides a subterranean route along which employees, equipment or substances can move; other than passageways excavated by mine or quarry operators in connection with such operations. For the purpose of these safety orders, "tunnels" include shafts, raises, underground chambers and premises appurtenant thereto.

An initial mandatory job site inspection with the Mining and Tunnel Division of Cal OSHA representative Jerry Snapp included Beck's Enterprises personnel and the Central Valley Water Board Engineer, Jeff Huggins. The ATA (Atmosphere) was monitored with an Industrial Scientific 5 Gas I.T.X. Gas Detection Meter for any potential Toxic and or Explosive Gases during this inspection. Ventilation checks were made through out the inspection with a Davis Low Speed Anemometer and the air flow were evaluated to determine the limitations of Construction activities allowed during the Walker Mine 700 Level Adit Repairs. (see attached Gas Logs) The Air Quality through out the Walker Mine was sufficient with the O<sub>2</sub> varying from 20.9 to 20.7. No toxic gasses were recorded. The Air Movement throughout the Walker mine varied with different sections with readings from 10 LFM to 60LFM. At the Bulkhead the airflow was unreadable due to the low flow.

Walker mine has not been ventilated for a long time period, and the air has had very little movement, the gases that exist in the mine atmosphere can separate and stratify according the specific gravity (weight) of each gas in the mixture. Very light gases such as methane and carbon monoxide will rise to the overhead, and heavier gases such as carbon dioxide will descend to low lying areas. Other gases, including oxygen will stratify somewhere between the crown and the invert, but you can never know in advance just what level any gas will be in because you can never know what gases are present, or how much of any particular gas exists, until you test the atmosphere.

The air movement caused simply by walking through the stratified gases causes mixing of the stratified gas with the other gases, possibly even seemingly good air. The resulting mixture may be incapable of supporting respiration, and the person may not be able to evacuate the mine.

Stratification of gases can happen over short distances or long distances, so it is important to test for gases starting at the portal and test continuously for the duration of the mine exploration. When entering a mine, DO NOT BE IN A HURRY.

### **Walker Mine 700 Level Adit CMP (Corrugated Metal Pipe)**

The CMP was found to be in good condition and provides safe access.

### **Walker Mine 700 Level Adit Timber Set Section-**

Many of the timbers throughout the Timber Set reach of the Walker Mine 700 Level Adit that have once supported the rock above, have oxidized and rotted. Although they may remain in-place and appear to provide support, they could be totally ineffective. In order to provide future access and maintain safety for personnel for maintenance and inspection purposes some of the timber sets should be replaced.

### **Walker Mine 700 Level Adit Bald Headed Section-**

During the inspection of the Bald Headed section, areas in the Walker Mine 700 Level Adit were noted and addressed as potential hazards, due to the excessive amount of mud that is seeping into the mine through fractures and seams located in the back and ribs of the mine. Unlike caves, mines are artificial, temporary openings designed to last as long as it takes to extract the ore. When a mine is abandoned, there is no longer a maintenance program to address deteriorating rock conditions and weakened ground supports. Naturally occurring caves are formed over thousands of years by relatively stable processes, whereas mines are created by blasting, which destabilizes the rock that is left in place. Soft, stratified rock types, such as shale, tend to collapse easily, but often in small pieces. Harder, more massive rock types such as granite, limestone, or sandstone collapse less frequently, but often more catastrophically in large blocks. Keep in mind that mines often follow fault zones, which are inherently unstable.



## GUIDELINES FOR WALKER MINE ADIT LEVEL 700 FUTURE MAINTAINCE OR INSPECTION

1. Underground exploration teams must realize that the Walker Mine Adit Level 700 is an unnatural, unstable, and temporary openings with a unique set of potential hazards. Spelunking (natural cave exploration) experience is not a substitute for underground mine experience.

2. Underground teams should be comprised of at least two people. If three or more people are present, one person will remain at the mine entrance. The exploration crew will check in with this person at predetermined time intervals.

As stated in the Title Eight Regulations Subchapter 20. Tunnel Safety Orders Article 4. Safety Precautions, 8410. General Safety Precautions.

(d) At least one designated person shall be on duty outside of all tunnels whenever anyone is working underground. This person's duties shall not interfere with his/her ability to secure aid for those persons underground in case of emergency.

3. At least one person on the team will need to be trained and experienced in underground mine safety and hazard recognition. This individual will lead the underground team and instruct inexperienced team members on potential hazards, underground mine safety procedures, and the use of safety equipment.

4. Safety equipment for **each individual** will include, but not be limited to:

- **Hardhat**
- **Steel-toed Footwear**
- **Proper Lighting**, at least two reliable lights, plus additional batteries each person.
- **Eye Protection** - safety glasses are recommended; contact lenses are discouraged.

5. In addition to the above equipment, the **lead person** will be equipped with and use:

- **Scaling Bar**
- **Air Monitoring Equipment** - recommend using a multi-gas detector which continuously monitors for oxygen, carbon monoxide, hydrogen sulfide and explosive gasses. The meter should have a visual display of gas concentrations, with warning lights and audible alarms that illuminate and sound when a PEL level of any of these gases is detected.



## WHERE TO TEST

### Test gases

- overhead,
- at your head (breathing) level,
- chest level,
- waist level,
- knee level and
- at your foot level (floor).

### MINIMUM GASES TO TEST FOR IN TUNNELS ARE:

- Oxygen (O<sub>2</sub>)
- Carbon Monoxide (CO)
- Methane (CH<sub>4</sub>)
- Carbon Dioxide (CO<sub>2</sub>)
- Hydrogen Sulfide (H<sub>2</sub>S)

The dangers associated with the mine gases is one reason why extreme caution, proper instrumentation, and approved procedures should be used when descending into a mine.

**ALWAYS BE CAREFUL AND TEST YOUR GASES!**

**You must remember that a mine atmosphere is very small compared to the atmosphere outside, so dangerous gases can build up quickly.**

### MINE GASES

The composition of clean, dry air at sea level is 78.08% nitrogen, 20.95% oxygen, 0.93% argon, 0.03% carbon dioxide, and 0.01% other gases. Air composition can be altered in underground mines for a number of reasons. Some gases are poisonous, some gases are not poisonous, but all gases that are not oxygen can kill you simply by displacing the oxygen and suffocating you. So, always test continuously for the oxygen content in a mine atmosphere to be certain that you have enough oxygen to keep you safe and alive

6. Underground teams will maintain voice contact with each other at all times.



### **CHANGE: A Major Reason for Caution**

The Walker Mine 700 Level Adit Site is dynamic. That means that the conditions in and around the mine can change over time, even a short period of time. Rock stability will deteriorate with time, so a portal or drift that may have been stable previously may now be a death trap. A heavy snow pack or a torrential spring storm may cause subsidence of a shallow mine feature, leaving a treacherous opening which may not have existed the last time a site was visited. Erosion may uncover new hazards such as abandoned explosives or openings that were not properly closed in the past.

Perhaps the most dynamic aspect of change at Walker Mine 700 Level Adit Site is airflow. Airflow can influence a mine's internal configuration due to **fluctuations in temperature, and changes in atmospheric pressure.**

Mines are often described as "breathing", in that airflow at a given opening may be **static, incast, or outcast** under different atmospheric conditions. Because of these air movements, a particular area may have good air on one site visit and bad air on the next visit. Air quality may even change in the course of an extended site visit. When conducting underground inspections, note the direction of airflow, especially at intersections where air from a different source may be encountered. Keep in mind that temperature and pressure changes may reverse airflow, bringing contaminated or oxygen-deficient air from different parts of a mine into an area that previously had good air.

**In conclusion of the Walker Mine Level 700 Adit Repairs and Inspection and Safety Inspection the primary potential hazards that has been identified by Beck's Enterprises are the high levels of mud that is seeping through the fractures and seams weakening the integrity of these localized areas throughout bald headed section. Many areas throughout the timber section were identified as oxidized and rotted. In addition the current 18" Jet Air 3 hp Ventilation System in the Walker Mine 700 Level Adit should be replaced by a larger fan with higher pressures to support any future construction/maintenance activities. For the safety and integrity of the Walker Mine Level 700 Adit for future inspection and maintenance procedures these areas should be addressed.**

**If desired, we could provide assistance to the Central Valley Water Board in the design of the recommended repair measures and in the field during scaling, installation of rockbolts, and replacement of timber sets, post & caps.**

**Thank you,  
Project Manager  
Elmer Brown**





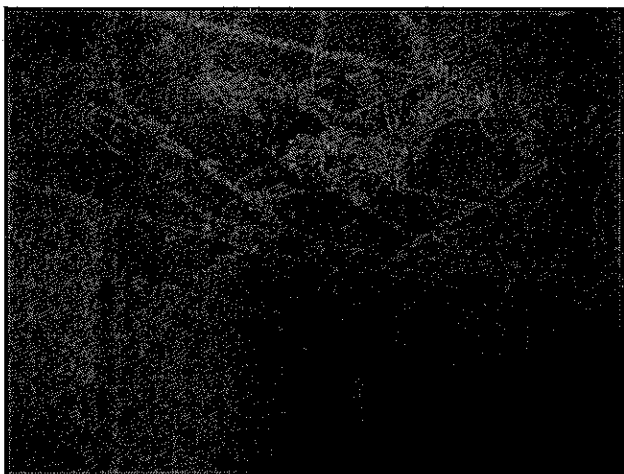


Photo 1. Walker Mine Seam

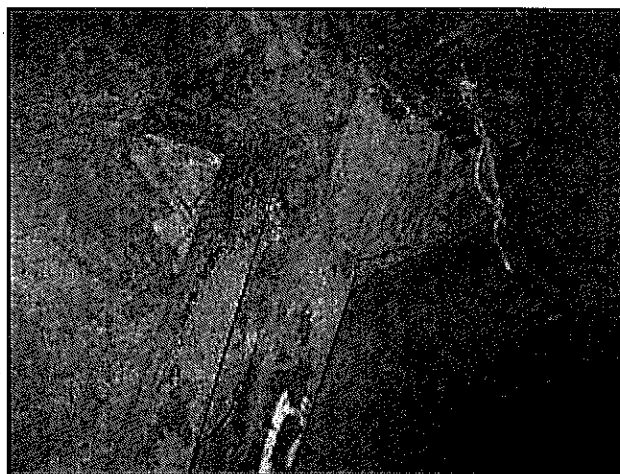


Photo 4. Stalls under Rock.

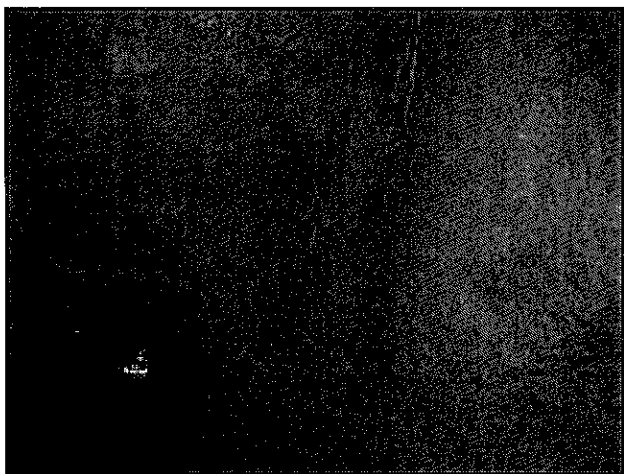


Photo 2. Vertical Seam without Support.

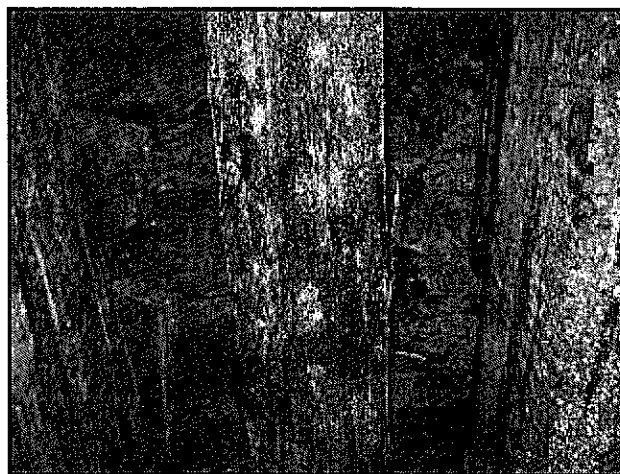


Photo 5. Rotten Timber – 4 inch penetration.



Photo 3. Vertical Mud Seam.

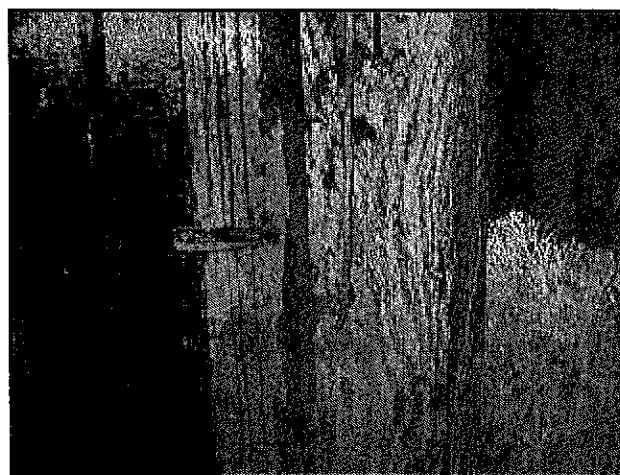


Photo 6. Rotten Timber – 4 inch penetration Vertical Mud Seam.

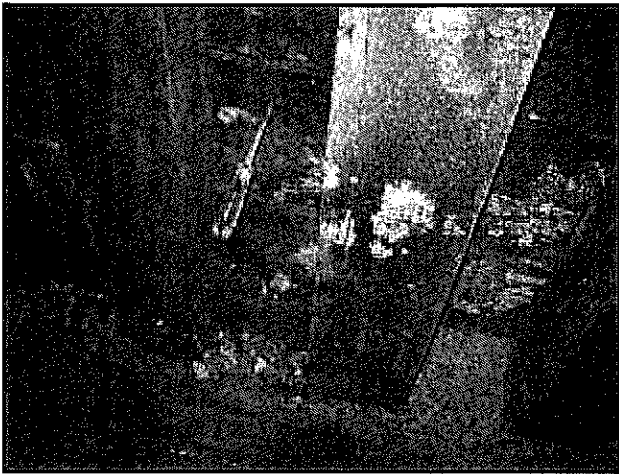


Photo 7. Rotten Timber 4.



Photo 10. Rotten Timber 1.

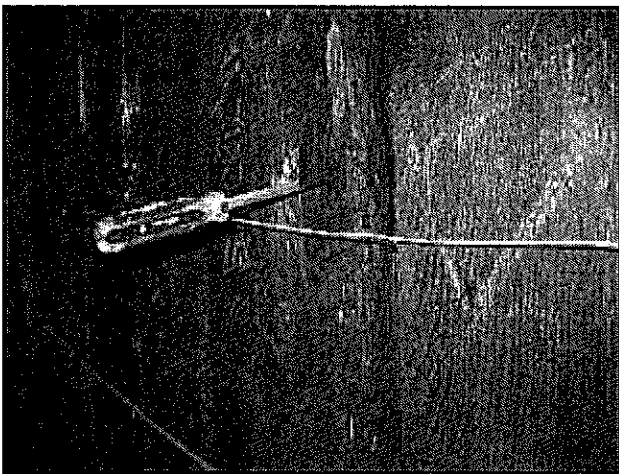


Photo 8. Rotten Timber 3.

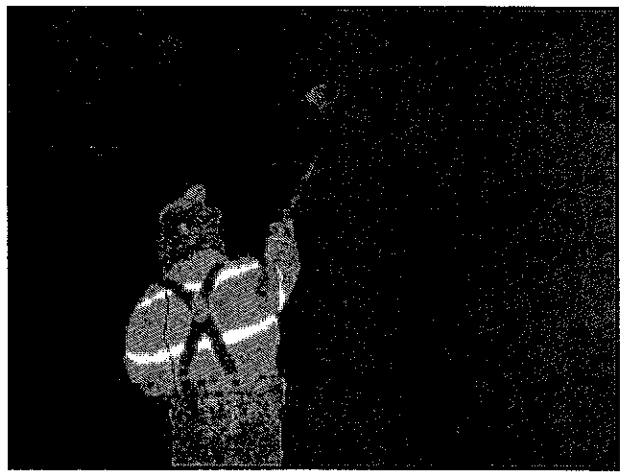


Photo 11. Rock Scaling and Sounding.

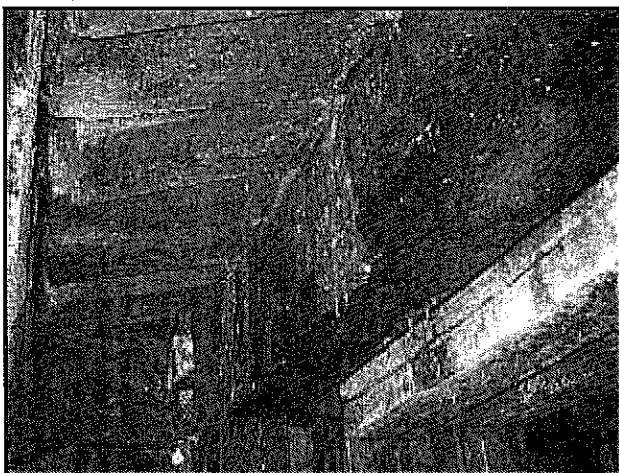


Photo 9. Rotten Timber 2.

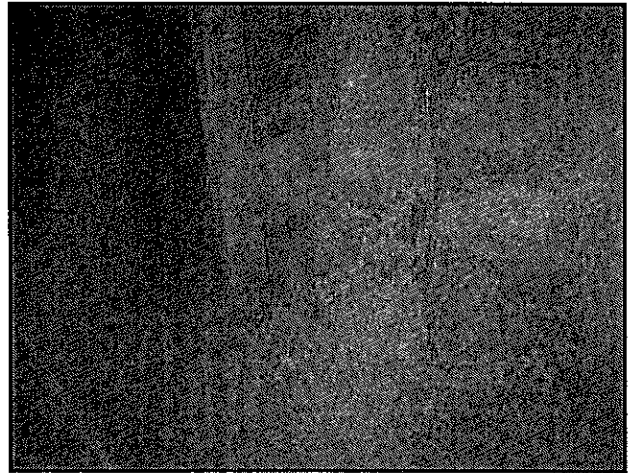


Photo 12. Rock Fall and Mud.

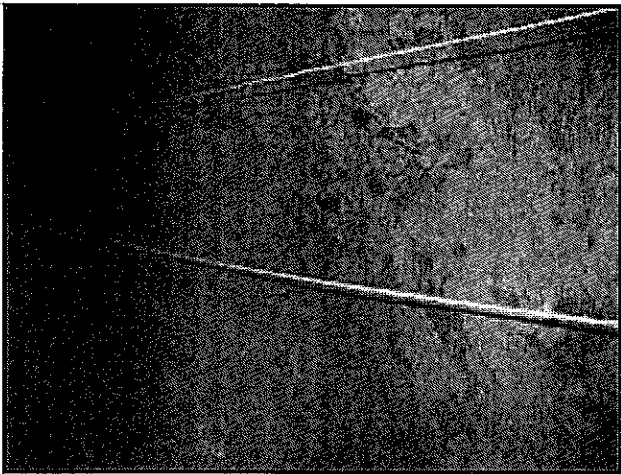


Photo 13 Mud Seeping into Invert.



Photo 16. Loose Rock-Rotten Timber.

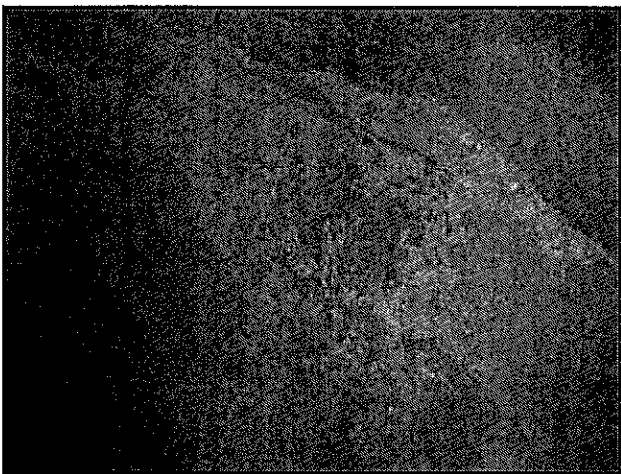


Photo 14. Mud Seam 2.

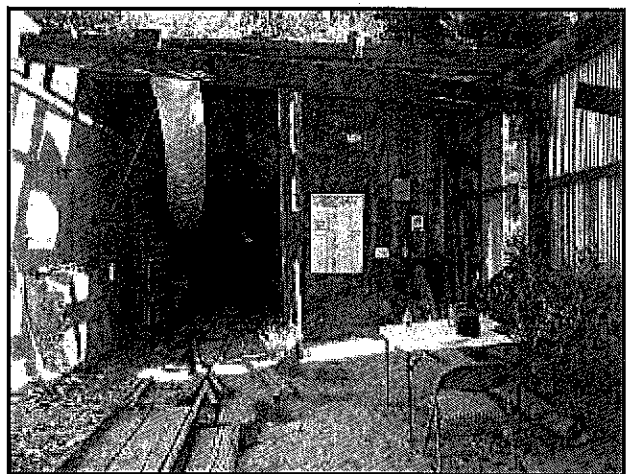


Photo 17. In & Out Board, Mine Phone, Safety etc.

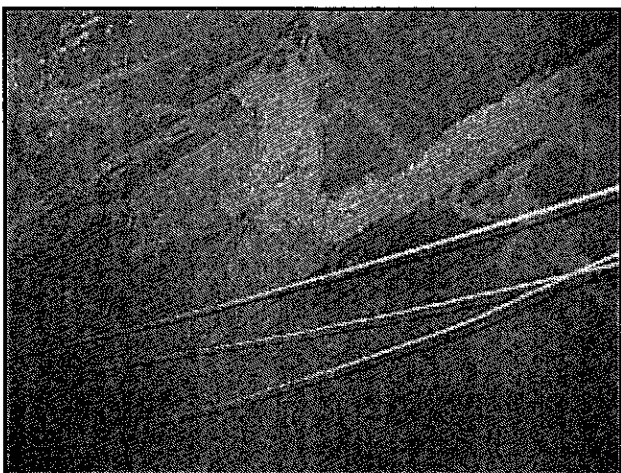


Photo 15. Mud Seam.



Photo 18. Fractured Rock.

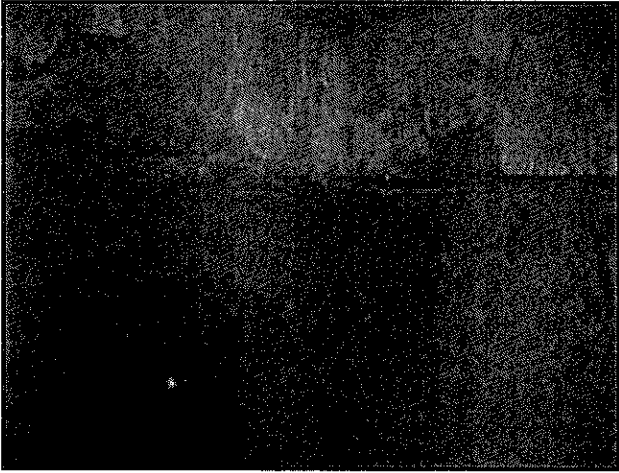


Photo 19. Flat back (mud forced through cracks, mud seeping).

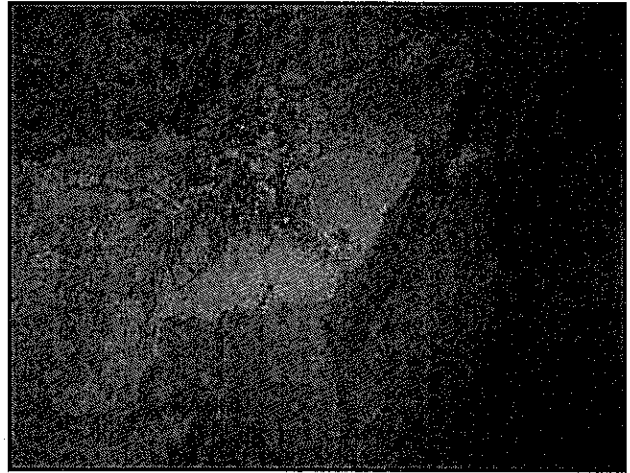


Photo 22. Copper Contaminated Mud.

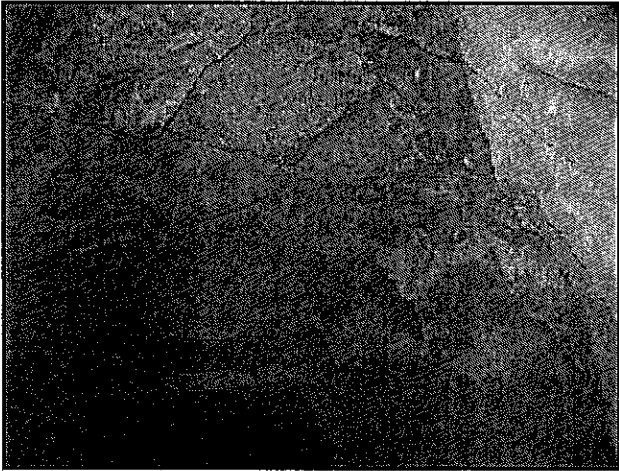


Photo 20. Discontinuous Seams and Wedges  
(Needs rock bolts).

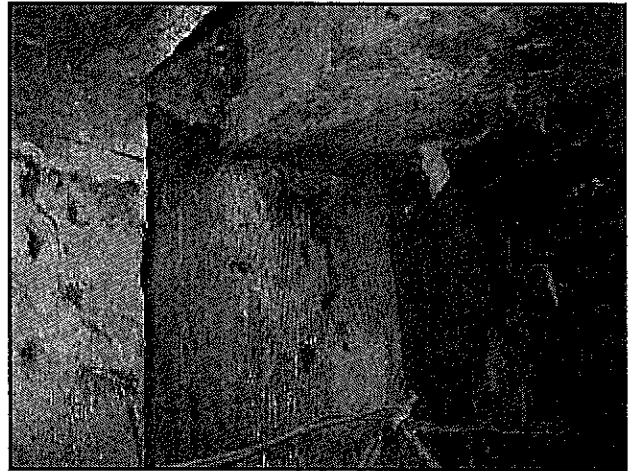


Photo 23. Compressed Rotten Timber 2.

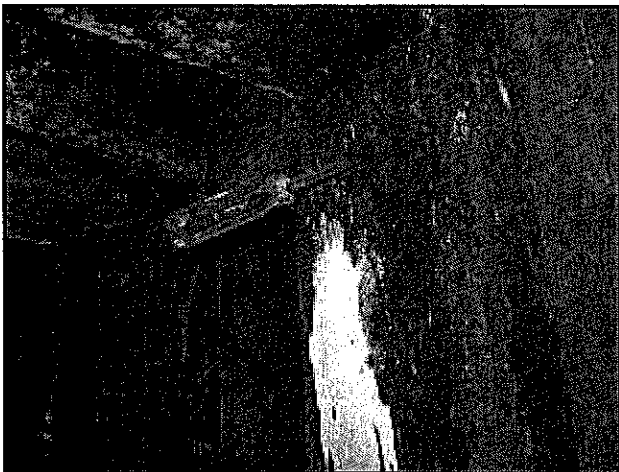


Photo 21. Deteriorating Timber.



Photo 24. Compressed Rotten Timber.



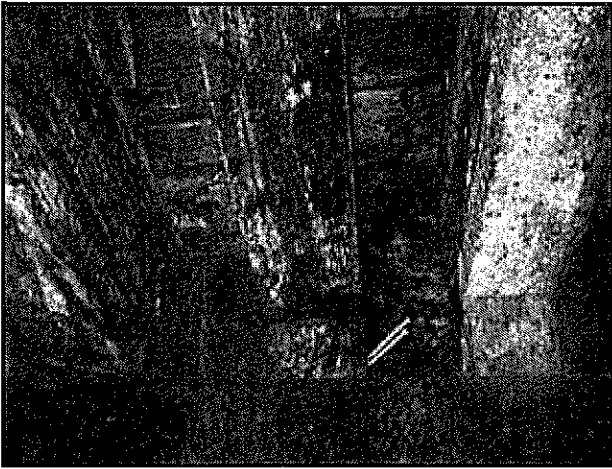


Photo 25. Broken Timber-Loose Rock-Weight 2.

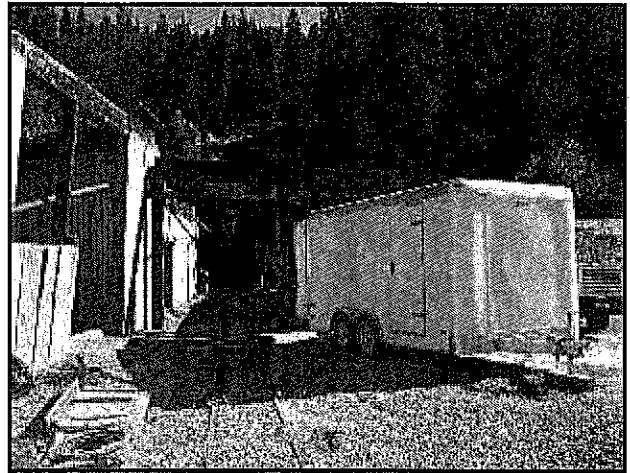


Photo 014. Ancient Landslide (scarp at tree line).

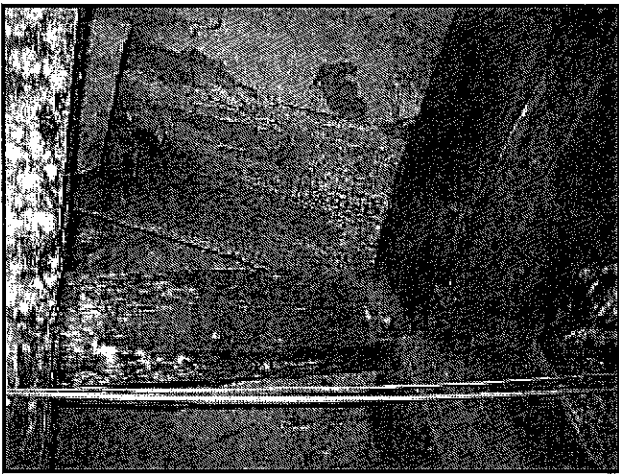


Photo 26. Broken Timber-Loose Rock-Weight.

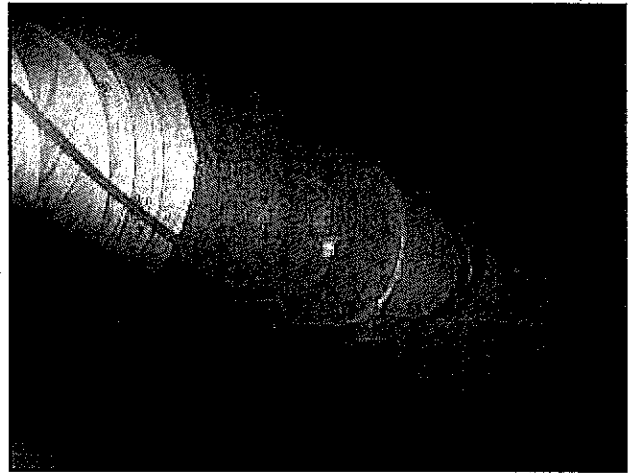


Photo ?. Walker Mine ventilation fan.

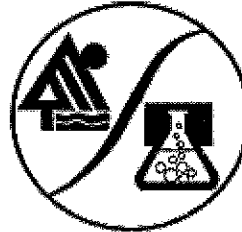


Photo 27. Broken Timber and Crown Bars.

**Exhibit 73**

**EXCELCHEM**  
**Environmental Labs**

1135 W Sunset Boulevard  
Suite A  
Rocklin, CA 95765  
Phone# 916-543-4445  
Fax# 916-543-4449



ELAP Certificate No. : 2119

17 December 2010

Leticia Valadez

Central Valley Regional Water Quality Control Bd

11020 Sun Center Dr. #200

Rancho Cordova, CA 95670

RE: Walker Mine

Workorder number:1011135

Enclosed are the results of analyses for samples received by the laboratory on 11/18/10 09:02. All Quality Control results are within acceptable limits except where noted as a case narrative. If you have any questions concerning this report, please feel free to contact the laboratory.

Sincerely,

---

John Somers, Lab Director

### Excelchem Environmental Labs

Central Valley Regional Water Quality Control Brd  
 11020 Sun Center Dr. #200  
 Rancho Cordova, CA 95670

Project: Walker Mine  
 Project Number: 10-026-150  
 Project Manager: Leticia Valadez

Date Reported:  
 12/17/10 14:20

#### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
WM-1	1011135-01	Water	11/16/10 10:00	11/18/10 09:02
WM-2	1011135-02	Water	11/16/10 10:10	11/18/10 09:02
WM-19	1011135-03	Water	11/16/10 10:25	11/18/10 09:02
WM-3	1011135-04	Water	11/16/10 10:30	11/18/10 09:02
WM-5	1011135-05	Water	11/16/10 10:45	11/18/10 09:02
WM-7B	1011135-06	Water	11/16/10 11:10	11/18/10 09:02
WM-7C	1011135-07	Water	11/16/10 11:15	11/18/10 09:02
WM-6	1011135-08	Water	11/16/10 11:20	11/18/10 09:02
WM-7A	1011135-09	Water	11/16/10 11:45	11/18/10 09:02
WM-4	1011135-10	Water	11/16/10 12:20	11/18/10 09:02
WM-9	1011135-11	Water	11/16/10 12:30	11/18/10 09:02
WM-12	1011135-12	Water	11/16/10 12:50	11/18/10 09:02
WM-13	1011135-13	Water	11/16/10 13:00	11/18/10 09:02
WM-17	1011135-14	Water	11/16/10 13:05	11/18/10 09:02
WM-18	1011135-15	Water	11/16/10 13:30	11/18/10 09:02
WM-16	1011135-16	Water	11/16/10 13:55	11/18/10 09:02
WM-15	1011135-17	Water	11/16/10 14:00	11/18/10 09:02
WM-14	1011135-18	Water	11/16/10 14:05	11/18/10 09:02
WM-10	1011135-19	Water	11/16/10 14:45	11/18/10 09:02
WM-20	1011135-20	Water	11/16/10 15:10	11/18/10 09:02
WM-30	1011135-21	Water	11/17/10 12:00	11/18/10 09:02
WM-31	1011135-22	Water	11/17/10 12:45	11/18/10 09:02
WM-32	1011135-23	Water	11/17/10 13:00	11/18/10 09:02

Excelchem Environmental Lab.



Laboratory Representative

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*



**Excelchem Environmental Labs**

Central Valley Regional Water Quality Control Brd  
 11020 Sun Center Dr. #200  
 Rancho Cordova, CA 95670

Project: Walker Mine  
 Project Number: 10-026-150  
 Project Manager: Leticia Valadez

Date Reported:  
 12/17/10 14:20

**WM-1  
 1011135-01 (Water)**

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
<b>Metals by 200 series</b>								
Calcium	12000	100	ug/l	ATK0247	11/24/10	11/30/10	EPA 200.7	
Magnesium	4630	50.0	"	"	"	11/29/10	"	
Potassium	919	100	"	"	"	11/29/10	"	
Sodium	4600	200	"	"	"	11/30/10	"	
<b>Wet Chemistry</b>								
Total Alkalinity	58.0	5.00	mg/L	ATK0186	11/19/10	11/19/10	SM2320B	
Bicarbonate Alkalinity	58.0	5.00	"	"	"	"	"	
Carbonate Alkalinity	ND	5.00	"	"	"	"	"	
Specific Conductance (EC)	112	5.00	uS/cm	ATK0167	11/18/10	11/18/10	EPA 126.1	
Hydroxide Alkalinity	ND	5.00	mg/L	ATK0186	11/19/10	11/19/10	SM2320B	
pH	7.33	0.100	pH Units	ATK0166	11/18/10	11/18/10	SM 4500-H+ B	Field
Total Dissolved Solids	98.0	15.0	mg/L	ATL0022	11/23/10	12/06/10	SM 2540C	
Total Hardness	48.0	5.00	"	ATK0171	11/18/10	11/18/10	SM2340B	
<b>Ion Chromatography</b>								
Chloride	ND	0.5	mg/L	ATK0217	11/22/10	11/22/10	EPA 300.0	
Sulfate as SO4	1.3	0.5	"	"	"	"	"	

Excelchem Environmental Lab.



Laboratory Representative

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

**Excelchem Environmental Labs**

Central Valley Regional Water Quality Control Brd  
11020 Sun Center Dr. #200  
Rancho Cordova, CA 95670


Project: Walker Mine  
Project Number: 10-026-150  
Project Manager: Leticia Valadez

Date Reported:  
12/17/10 14:20

**WM-2  
1011135-02 (Water)**

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
<b>Metals by 200 series</b>								
Calcium	15500	100	ug/l	ATK0247	11/24/10	11/30/10	EPA 200.7	
Magnesium	7900	50.0	"	"	"	11/29/10	"	
Potassium	974	100	"	"	"	11/29/10	"	
Sodium	2830	200	"	"	"	11/30/10	"	
<b>Wet Chemistry</b>								
Total Alkalinity	76.0	5.00	mg/L	ATK0186	11/19/10	11/19/10	SM2320B	
Bicarbonate Alkalinity	76.0	5.00	"	"	"	"	"	
Carbonate Alkalinity	ND	5.00	"	"	"	"	"	
Specific Conductance (EC)	141	5.00	uS/cm	ATK0167	11/18/10	11/18/10	EPA 120.1	
Hydroxide Alkalinity	ND	5.00	mg/L	ATK0186	11/19/10	11/19/10	SM2320B	
pH	7.89	0.100	pH Units	ATK0166	11/18/10	11/18/10	SM 4500-H+ B	Field
Total Dissolved Solids	107	15.0	mg/L	ATL0022	11/23/10	12/06/10	SM 2540C	
Total Hardness	72.0	5.00	"	ATK0171	11/18/10	11/18/10	SM2340B	
<b>Ion Chromatography</b>								
Chloride	ND	0.5	mg/L	ATK0217	11/22/10	11/22/10	EPA 300.0	
Sulfate as SO4	ND	0.5	"	"	"	"	"	

Excelchem Environmental Lab.



Laboratory Representative

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

**Excelchem Environmental Labs**

Central Valley Regional Water Quality Control Brd  
11020 Sun Center Dr. #200  
Rancho Cordova, CA 95670

Project: Walker Mine  
Project Number: 10-026-150  
Project Manager: Leticia Valadez

Date Reported:  
12/17/10 14:20

**WM-19  
1011135-03 (Water)**

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
<b>Metals by 200 series</b>								
Calcium	23700	100	ug/l	ATK0247	11/24/10	11/30/10	EPA 200.7	
Magnesium	5770	50.0	"	"	"	11/29/10	"	
Potassium	ND	100	"	"	"	11/29/10	"	
Sodium	5660	200	"	"	"	11/30/10	"	
<b>Wet Chemistry</b>								
Total Alkalinity	30.0	5.00	mg/L	ATK0186	11/19/10	11/19/10	SM2320B	
Bicarbonate Alkalinity	30.0	5.00	"	"	"	"	"	
Carbonate Alkalinity	ND	5.00	"	"	"	"	"	
Specific Conductance (EC)	206	5.00	uS/cm	ATK0167	11/18/10	11/18/10	EPA 120.1	
Hydroxide Alkalinity	ND	5.00	mg/L	ATK0186	11/19/10	11/19/10	SM2320B	
pH	7.48	0.100	pH Units	ATK0166	11/18/10	11/18/10	SM 4500-H+ B	Field
Total Dissolved Solids	161	15.0	mg/L	ATL0022	11/23/10	12/06/10	SM 2540C	
Total Hardness	170	5.00	"	ATK0171	11/18/10	11/18/10	SM2340B	
<b>Ion Chromatography</b>								
Chloride	ND	0.5	mg/L	ATK0217	11/22/10	11/22/10	EPA 300.0	
Sulfate as SO4	68.2	0.5	"	"	"	"	"	

Excelchem Environmental Lab.

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*



Laboratory Representative

**Excelchem Environmental Labs**

Central Valley Regional Water Quality Control Brd  
11020 Sun Center Dr. #200  
Rancho Cordova, CA 95670

Project: Walker Mine  
Project Number: 10-026-150  
Project Manager: Leticia Valadez

Date Reported:  
12/17/10 14:20

**WM-3  
1011135-04 (Water)**

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
<b>Metals by 200 series</b>								
Calcium	15000	100	ug/l	ATK0247	11/24/10	11/30/10	EPA 200.7	
Magnesium	6890	50.0	"	"	"	"	"	
Potassium	ND	100	"	"	"	11/29/10	"	
Sodium	3100	200	"	"	"	11/30/10	"	
<b>Wet Chemistry</b>								
Total Alkalinity	66.0	5.00	mg/L	ATK0186	11/19/10	11/19/10	SM2320B	
Bicarbonate Alkalinity	66.0	5.00	"	"	"	"	"	
Carbonate Alkalinity	ND	5.00	"	"	"	"	"	
Specific Conductance (EC)	136	5.00	uS/cm	ATK0167	11/18/10	11/18/10	EPA 120.1	
Hydroxide Alkalinity	ND	5.00	mg/L	ATK0186	11/19/10	11/19/10	SM2320B	
pH	7.76	0.100	pH Units	ATK0166	11/18/10	11/18/10	SM 4500-H+ B	Field
Total Dissolved Solids	112	15.0	mg/L	ATL0022	11/23/10	12/06/10	SM 2540C	
Total Hardness	66.0	5.00	"	ATK0171	11/18/10	11/18/10	SM2340B	
<b>Ion Chromatography</b>								
Chloride	0.5	0.5	mg/L	ATK0217	11/22/10	11/22/10	EPA 300.0	
Sulfate as SO4	5.0	0.5	"	"	"	"	"	

Excelchem Environmental Lab.

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*



Laboratory Representative

**Excelchem Environmental Labs**

Central Valley Regional Water Quality Control Brd  
11020 Sun Center Dr. #200  
Rancho Cordova, CA 95670

Project: Walker Mine  
Project Number: 10-026-150  
Project Manager: Leticia Valadez


Date Reported:  
12/17/10 14:20

**WM-5  
1011135-05 (Water)**

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
<b>Metals by 200 series</b>								
Calcium	11100	100	ug/l	ATK0247	11/24/10	11/30/10	EPA 200.7	
Magnesium	4310	50.0	"	"	"	"	"	
Potassium	1340	100	"	"	"	11/29/10	"	
Sodium	3740	200	"	"	"	11/30/10	"	
<b>Wet Chemistry</b>								
Total Alkalinity	54.0	5.00	mg/L	ATK0186	11/19/10	11/19/10	SM2320B	
Bicarbonate Alkalinity	54.0	5.00	"	"	"	"	"	
Carbonate Alkalinity	ND	5.00	"	"	"	"	"	
Specific Conductance (EC)	102	5.00	uS/cm	ATK0167	11/18/10	11/18/10	EPA 120.1	
Hydroxide Alkalinity	ND	5.00	mg/L	ATK0186	11/19/10	11/19/10	SM2320B	
pH	7.58	0.100	pH Units	ATK0166	11/18/10	11/18/10	SM 4500-H+ B	Field
Total Dissolved Solids	84.0	15.0	mg/L	ATL0022	11/23/10	12/06/10	SM 2540C	
Total Hardness	46.0	5.00	"	ATK0171	11/18/10	11/18/10	SM2340B	
<b>Ion Chromatography</b>								
Chloride	0.7	0.5	mg/L	ATK0217	11/22/10	11/22/10	EPA 300.0	
Sulfate as SO4	ND	0.5	"	"	"	"	"	

Excelchem Environmental Lab.

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*



Laboratory Representative

**Excelchem Environmental Labs**

Central Valley Regional Water Quality Control Brd 11020 Sun Center Dr. #200 Rancho Cordova, CA 95670	Project: Walker Mine Project Number: 10-026-150 Project Manager: Leticia Valadez	Date Reported: 12/17/10 14:20
--	--	----------------------------------

**WM-7B  
1011135-06 (Water)**

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
<b>Metals by 200 series</b>								
Calcium	14900	100	ug/l	ATK0247	11/24/10	11/29/10	EPA 200.7	
Magnesium	6740	50.0	"	"	"	"	"	
Potassium	1040	100	"	"	"	11/29/10	"	
Sodium	3050	200	"	"	"	11/30/10	"	
<b>Wet Chemistry</b>								
Total Alkalinity	68.0	5.00	mg/L	ATK0186	11/19/10	11/19/10	SM2320B	
Bicarbonate Alkalinity	68.0	5.00	"	"	"	"	"	
Carbonate Alkalinity	ND	5.00	"	"	"	"	"	
Specific Conductance (EC)	134	5.00	uS/cm	ATK0167	11/18/10	11/18/10	EPA 120.1	
Hydroxide Alkalinity	ND	5.00	mg/L	ATK0186	11/19/10	11/19/10	SM2320B	
pH	8.00	0.100	pH Units	ATK0166	11/18/10	11/18/10	SM 4500-H+ B	Field
Total Dissolved Solids	81.0	15.0	mg/L	ATL0022	11/23/10	12/06/10	SM 2540C	
Total Hardness	64.0	5.00	"	ATK0171	11/18/10	11/18/10	SM2340B	
<b>Ion Chromatography</b>								
Chloride	0.5	0.5	mg/L	ATK0217	11/22/10	11/22/10	EPA 300.0	
Sulfate as SO4	2.0	0.5	"	"	"	"	"	

Excelchem Environmental Lab.



Laboratory Representative

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

**Excelchem Environmental Labs**

Central Valley Regional Water Quality Control Brd  
11020 Sun Center Dr. #200  
Rancho Cordova, CA 95670

Project: Walker Mine  
Project Number: 10-026-150  
Project Manager: Leticia Valadez

Date Reported:  
12/17/10 14:20

**WM-7C  
1011135-07 (Water)**

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
<b>Metals by 200 series</b>								
Calcium	15200	100	ug/l	ATK0247	11/24/10	11/30/10	EPA 200.7	
Magnesium	4510	50.0	"	"	"	"	"	
Potassium	ND	100	"	"	"	11/29/10	"	
Sodium	4260	200	"	"	"	11/30/10	"	
<b>Wet Chemistry</b>								
Total Alkalinity	60.0	5.00	mg/L	ATK0186	11/19/10	11/19/10	SM2320B	
Bicarbonate Alkalinity	60.0	5.00	"	"	"	"	"	
Carbonate Alkalinity	ND	5.00	"	"	"	"	"	
Specific Conductance (EC)	128	5.00	uS/cm	ATK0167	11/18/10	11/18/10	EPA 120.1	
Hydroxide Alkalinity	ND	5.00	mg/L	ATK0186	11/19/10	11/19/10	SM2320B	
pH	7.54	0.100	pH Units	ATK0166	11/18/10	11/18/10	SM 4500-H+ B	Field
Total Dissolved Solids	32.0	15.0	mg/L	ATL0022	11/23/10	12/06/10	SM 2540C	
Total Hardness	58.0	5.00	"	ATK0171	11/18/10	11/18/10	SM2340B	
<b>Ion Chromatography</b>								
Chloride	0.6	0.5	mg/L	ATK0217	11/22/10	11/22/10	EPA 300.0	
Sulfate as SO4	5.7	0.5	"	"	"	"	"	

Excelchem Environmental Lab.



Laboratory Representative

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

**Excelchem Environmental Labs**

Central Valley Regional Water Quality Control Brd 11020 Sun Center Dr. #200 Rancho Cordova, CA 95670	Project: Walker Mine Project Number: 10-026-150 Project Manager: Leticia Valadez	Date Reported: 12/17/10 14:20
--	--	----------------------------------

**WM-6  
1011135-08 (Water)**

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
<b>Metals by 200 series</b>								
Calcium	26300	100	ug/l	ATK0247	11/24/10	11/30/10	EPA 200.7	
Magnesium	4280	50.0	"	"	"	"	"	
Potassium	4380	100	"	"	"	11/29/10	"	
Sodium	4830	200	"	"	"	11/30/10	"	
<b>Wet Chemistry</b>								
Total Alkalinity	58.0	5.00	mg/L	ATK0186	11/19/10	11/19/10	SM2320B	
Bicarbonate Alkalinity	58.0	5.00	"	"	"	"	"	
Carbonate Alkalinity	ND	5.00	"	"	"	"	"	
Specific Conductance (EC)	210	5.00	uS/cm	ATK0167	11/18/10	11/18/10	EPA 120.1	
Hydroxide Alkalinity	ND	5.00	mg/L	ATK0186	11/19/10	11/19/10	SM2320B	
pH	7.56	0.100	pH Units	ATK0166	11/18/10	11/18/10	SM 4500-H+ B	Field
Total Dissolved Solids	143	15.0	mg/L	ATL0022	11/23/10	12/06/10	SM 2540C	
Total Hardness	98.0	5.00	"	ATK0171	11/18/10	11/18/10	SM2340B	
<b>Ion Chromatography</b>								
Chloride	0.5	0.5	mg/L	ATK0217	11/22/10	11/22/10	EPA 300.0	
Sulfate as SO4	44.6	0.5	"	"	"	"	"	

Excelchem Environmental Lab.



Laboratory Representative

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*



**Excelchem Environmental Labs**

Central Valley Regional Water Quality Control Brd 11020 Sun Center Dr. #200 Rancho Cordova, CA 95670	Project: Walker Mine Project Number: 10-026-150 Project Manager: Leticia Valadez	Date Reported: 12/17/10 14:20
--	--	----------------------------------

**WM-7A  
1011135-09 (Water)**

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
<b>Metals by 200 series</b>								
Calcium	14700	100	ug/l	ATK0247	11/24/10	11/30/10	EPA 200.7	
Magnesium	6670	50.0	"	"	"	"	"	
Potassium	1080	100	"	"	"	11/29/10	"	
Sodium	3380	200	"	"	"	11/30/10	"	
<b>Wet Chemistry</b>								
Total Alkalinity	70.0	5.00	mg/L	ATK0186	11/19/10	11/19/10	SM2320B	
Bicarbonate Alkalinity	70.0	5.00	"	"	"	"	"	
Carbonate Alkalinity	ND	5.00	"	"	"	"	"	
Specific Conductance (EC)	135	5.00	uS/cm	ATK0167	11/18/10	11/18/10	EPA 120.1	
Hydroxide Alkalinity	ND	5.00	mg/L	ATK0186	11/19/10	11/19/10	SM2320B	
pH	7.98	0.100	pH Units	ATK0166	11/18/10	11/18/10	SM 4500-H+ B	Field
Total Dissolved Solids	96.0	15.0	mg/L	ATL0022	11/23/10	12/06/10	SM 2540C	
Total Hardness	61.0	5.00	"	ATK0171	11/18/10	11/18/10	SM2340B	
<b>Ion Chromatography</b>								
Chloride	0.5	0.5	mg/L	ATK0217	11/22/10	11/22/10	EPA 300.0	
Sulfate as SO4	2.1	0.5	"	"	"	"	"	

Excelchem Environmental Lab.

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*



Laboratory Representative

**Excelchem Environmental Labs**

Central Valley Regional Water Quality Control Brd  
11020 Sun Center Dr. #200  
Rancho Cordova, CA 95670

Project: Walker Mine  
Project Number: 10-026-150  
Project Manager: Leticia Valadez

Date Reported:  
12/17/10 14:20

**WM-4  
1011135-10 (Water)**

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
<b>Metals by 200 series</b>								
Calcium	14600	100	ug/l	ATK0247	11/24/10	11/30/10	EPA 200.7	
Magnesium	6940	50.0	"	"	"	"	"	
Potassium	1060	100	"	"	"	11/29/10	"	
Sodium	3140	200	"	"	"	11/30/10	"	
<b>Wet Chemistry</b>								
Total Alkalinity	70.0	5.00	mg/L	ATK0186	11/19/10	11/19/10	SM2320B	
Bicarbonate Alkalinity	70.0	5.00	"	"	"	"	"	
Carbonate Alkalinity	ND	5.00	"	"	"	"	"	
Specific Conductance (EC)	135	5.00	uS/cm	ATK0167	11/18/10	11/18/10	EPA 120.1	
Hydroxide Alkalinity	ND	5.00	mg/L	ATK0186	11/19/10	11/19/10	SM2320B	
pH	7.86	0.100	pH Units	ATK0166	11/18/10	11/18/10	SM 4500-H+ B	Field
Total Dissolved Solids	97.0	15.0	mg/L	ATL0022	11/23/10	12/06/10	SM 2540C	
Total Hardness	67.0	5.00	"	ATK0171	11/18/10	11/18/10	SM2340B	
<b>Ion Chromatography</b>								
Chloride	0.5	0.5	mg/L	ATK0217	11/22/10	11/22/10	EPA 300.0	
Sulfate as SO4	2.0	0.5	"	"	"	"	"	

Excelchem Environmental Lab.



Laboratory Representative

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

**Excelchem Environmental Labs**

Central Valley Regional Water Quality Control Brd  
11020 Sun Center Dr. #200  
Rancho Cordova, CA 95670

Project: Walker Mine  
Project Number: 10-026-150  
Project Manager: Leticia Valadez

Date Reported:  
12/17/10 14:20

**WM-9  
1011135-11 (Water)**

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
<b>Metals by 200 series</b>								
Calcium	16600	100	ug/l	ATK0247	11/24/10	11/30/10	EPA 200.7	
Magnesium	5200	50.0	"	"	"	"	"	
Potassium	1550	100	"	"	"	11/29/10	"	
Sodium	4020	200	"	"	"	11/30/10	"	
<b>Wet Chemistry</b>								
Total Alkalinity	64.0	5.00	mg/L	ATK0186	11/19/10	11/19/10	SM2320B	
Bicarbonate Alkalinity	64.0	5.00	"	"	"	"	"	
Carbonate Alkalinity	ND	5.00	"	"	"	"	"	
Specific Conductance (EC)	137	5.00	uS/cm	ATK0167	11/18/10	11/18/10	EPA 120.1	
Hydroxide Alkalinity	ND	5.00	mg/L	ATK0186	11/19/10	11/19/10	SM2320B	
pH	7.85	0.100	pH Units	ATK0166	11/18/10	11/18/10	SM 4500-H+ B	Field
Total Dissolved Solids	113	15.0	mg/L	ATL0022	11/23/10	12/06/10	SM 2540C	
Total Hardness	70.0	5.00	"	ATK0171	11/18/10	11/18/10	SM2340B	
<b>Ion Chromatography</b>								
Chloride	0.6	0.5	mg/L	ATK0217	11/22/10	11/22/10	EPA 300.0	
Sulfate as SO4	7.6	0.5	"	"	"	"	"	

Excelchem Environmental Lab.



Laboratory Representative

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

**Excelchem Environmental Labs**

Central Valley Regional Water Quality Control Brd  
 11020 Sun Center Dr. #200  
 Rancho Cordova, CA 95670

Project: Walker Mine  
 Project Number: 10-026-150  
 Project Manager: Leticia Valadez

Date Reported:  
 12/17/10 14:20

**WM-12**  
**1011135-12 (Water)**

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
<b>Metals by 200 series</b>								
Calcium	2620	100	ug/l	ATK0247	11/24/10	11/30/10	EPA 200.7	
Magnesium	1120	50.0	"	"	"	"	"	
Potassium	356	100	"	"	"	11/29/10	"	
Sodium	1120	200	"	"	"	11/30/10	"	
<b>Wet Chemistry</b>								
Total Alkalinity	14.0	5.00	mg/L	ATK0186	11/19/10	11/19/10	SM2320B	
Bicarbonate Alkalinity	14.0	5.00	"	"	"	"	"	
Carbonate Alkalinity	ND	5.00	"	"	"	"	"	
Specific Conductance (EC)	25.4	5.00	uS/cm	ATK0167	11/18/10	11/18/10	EPA 120.1	
Hydroxide Alkalinity	ND	5.00	mg/L	ATK0186	11/19/10	11/19/10	SM2320B	
pH	6.50	0.100	pH Units	ATK0166	11/18/10	11/18/10	SM 4500-H+ B	Field
Total Dissolved Solids	ND	15.0	mg/L	ATL0022	11/23/10	12/06/10	SM 2540C	
Total Hardness	10.0	5.00	"	ATK0171	11/18/10	11/18/10	SM2340B	
<b>Ion Chromatography</b>								
Chloride	ND	0.5	mg/L	ATK0217	11/22/10	11/22/10	EPA 300.0	
Sulfate as SO4	0.5	0.5	"	"	"	"	"	

Excelchem Environmental Lab.



Laboratory Representative

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

**Excelchem Environmental Labs**

Central Valley Regional Water Quality Control Brd  
11020 Sun Center Dr. #200  
Rancho Cordova, CA 95670

Project: Walker Mine  
Project Number: 10-026-150  
Project Manager: Leticia Valadez

Date Reported:  
12/17/10 14:20

**WM-13  
1011135-13 (Water)**

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
<b>Metals by 200 series</b>								
Calcium	13900	100	ug/l	ATK0247	11/24/10	11/30/10	EPA 200.7	
Magnesium	5930	50.0	"	"	"	"	"	
Potassium	512	100	"	"	"	11/29/10	"	
Sodium	2640	200	"	"	"	11/30/10	"	
<b>Wet Chemistry</b>								
Total Alkalinity	64.0	5.00	mg/L	ATK0186	11/19/10	11/19/10	SM2320B	
Bicarbonate Alkalinity	64.0	5.00	"	"	"	"	"	
Carbonate Alkalinity	ND	5.00	"	"	"	"	"	
Specific Conductance (EC)	121	5.00	uS/cm	ATK0167	11/18/10	11/18/10	EPA 120.1	
Hydroxide Alkalinity	ND	5.00	mg/L	ATK0186	11/19/10	11/19/10	SM2320B	
pH	7.28	0.100	pH Units	ATK0166	11/18/10	11/18/10	SM 4500-H+ B	Field
Total Dissolved Solids	93.0	15.0	mg/L	ATL0022	11/23/10	12/06/10	SM 2540C	
Total Hardness	62.0	5.00	"	ATK0171	11/18/10	11/18/10	SM2340B	
<b>Ion Chromatography</b>								
Chloride	0.5	0.5	mg/L	ATK0217	11/22/10	11/22/10	EPA 300.0	
Sulfate as SO4	ND	0.5	"	"	"	"	"	

Excelchem Environmental Lab.

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*



Laboratory Representative

**Excelchem Environmental Labs**

Central Valley Regional Water Quality Control Brd 11020 Sun Center Dr. #200 Rancho Cordova, CA 95670	Project: Walker Mine Project Number: 10-026-150 Project Manager: Leticia Valadez	Date Reported: 12/17/10 14:20
--	--	----------------------------------

**WM-17  
1011135-14 (Water)**

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
<b>Metals by 200 series</b>								
Calcium	17200	100	ug/l	ATK0247	11/24/10	11/30/10	EPA 200.7	
Magnesium	7010	50.0	"	"	"	"	"	
Potassium	1600	100	"	"	"	11/29/10	"	
Sodium	3450	200	"	"	"	11/30/10	"	
<b>Wet Chemistry</b>								
Total Alkalinity	84.0	5.00	mg/L	ATK0186	11/19/10	11/19/10	SM2320B	
Bicarbonate Alkalinity	84.0	5.00	"	"	"	"	"	
Carbonate Alkalinity	ND	5.00	"	"	"	"	"	
Specific Conductance (EC)	154	5.00	uS/cm	ATK0167	11/18/10	11/18/10	EPA 120.1	
Hydroxide Alkalinity	ND	5.00	mg/L	ATK0186	11/19/10	11/19/10	SM2320B	
pH	7.90	0.100	pH Units	ATK0166	11/18/10	11/18/10	SM 4500-H+ B	Field
Total Dissolved Solids	102	15.0	mg/L	ATL0022	11/23/10	12/06/10	SM 2540C	
Total Hardness	74.0	5.00	"	ATK0171	11/18/10	11/18/10	SM2340B	
<b>Ion Chromatography</b>								
Chloride	ND	0.5	mg/L	ATK0217	11/22/10	11/22/10	EPA 300.0	
Sulfate as SO4	0.6	0.5	"	"	"	"	"	

Excelchem Environmental Lab.

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*



Laboratory Representative

**Excelchem Environmental Labs**

Central Valley Regional Water Quality Control Brd 11020 Sun Center Dr. #200 Rancho Cordova, CA 95670	Project: Walker Mine Project Number: 10-026-150 Project Manager: Leticia Valadez	Date Reported: 12/17/10 14:20
--	--	----------------------------------

**WM-18  
1011135-15 (Water)**

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
<b>Metals by 200 series</b>								
Calcium	17300	100	ug/l	ATK0247	11/24/10	11/29/10	EPA 200.7	
Magnesium	6970	50.0	"	"	"	"	"	
Potassium	1930	100	"	"	"	11/29/10	"	
Sodium	3740	200	"	"	"	11/30/10	"	
<b>Wet Chemistry</b>								
Total Alkalinity	78.0	5.00	mg/L	ATK0186	11/19/10	11/19/10	SM2320B	
Bicarbonate Alkalinity	78.0	5.00	"	"	"	"	"	
Carbonate Alkalinity	ND	5.00	"	"	"	"	"	
Specific Conductance (EC)	150	5.00	uS/cm	ATK0167	11/18/10	11/18/10	EPA 120.1	
Hydroxide Alkalinity	ND	5.00	mg/L	ATK0186	11/19/10	11/19/10	SM2320B	
pH	7.94	0.100	pH Units	ATK0166	11/18/10	11/18/10	SM 4500-H+ B	Field
Total Dissolved Solids	111	15.0	mg/L	ATL0022	11/23/10	12/06/10	SM 2540C	
Total Hardness	70.0	5.00	"	ATK0171	11/18/10	11/18/10	SM2340B	
<b>Ion Chromatography</b>								
Chloride	ND	0.5	mg/L	ATK0217	11/22/10	11/22/10	EPA 300.0	
Sulfate as SO4	ND	0.5	"	"	"	"	"	

Excelchem Environmental Lab.



Laboratory Representative

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

**Excelchem Environmental Labs**

Central Valley Regional Water Quality Control Brd 11020 Sun Center Dr. #200 Rancho Cordova, CA 95670	Project: Walker Mine Project Number: 10-026-150 Project Manager: Leticia Valadez	Date Reported: 12/17/10 14:20
--	--	----------------------------------

**WM-16  
1011135-16 (Water)**

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
<b>Metals by 200 series</b>								
Calcium	16300	100	ug/l	ATK0247	11/24/10	11/30/10	EPA 200.7	
Magnesium	6140	50.0	"	"	"	"	"	
Potassium	1190	100	"	"	"	11/29/10	"	
Sodium	3030	200	"	"	"	11/30/10	"	
<b>Wet Chemistry</b>								
Total Alkalinity	72.0	5.00	mg/L	ATK0186	11/19/10	11/19/10	SM2320B	
Bicarbonate Alkalinity	72.0	5.00	"	"	"	"	"	
Carbonate Alkalinity	ND	5.00	"	"	"	"	"	
Specific Conductance (EC)	136	5.00	uS/cm	ATK0167	11/18/10	11/18/10	EPA 120.1	
Hydroxide Alkalinity	ND	5.00	mg/L	ATK0186	11/19/10	11/19/10	SM2320B	
pH	7.89	0.100	pH Units	ATK0166	11/18/10	11/18/10	SM 4500-H+ B	Field
Total Dissolved Solids	109	15.0	mg/L	ATL0022	11/23/10	12/06/10	SM 2540C	
Total Hardness	68.0	5.00	"	ATK0171	11/18/10	11/18/10	SM2340B	
<b>Ion Chromatography</b>								
Chloride	ND	0.5	mg/L	ATK0217	11/22/10	11/22/10	EPA 300.0	
Sulfate as SO4	0.6	0.5	"	"	"	"	"	

Excelchem Environmental Lab.



\_\_\_\_\_  
Laboratory Representative

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*



**Excelechem Environmental Labs**

Central Valley Regional Water Quality Control Brd  
11020 Sun Center Dr. #200  
Rancho Cordova, CA 95670

Project: Walker Mine  
Project Number: 10-026-150  
Project Manager: Leticia Valadez

Date Reported:  
12/17/10 14:20

**WM-15  
1011135-17 (Water)**

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
<b>Metals by 200 series</b>								
Calcium	14300	100	ug/l	ATK0247	11/24/10	11/30/10	EPA 200.7	
Magnesium	5500	50.0	"	"	"	"	"	
Potassium	1060	100	"	"	"	11/29/10	"	
Sodium	2820	200	"	"	"	12/01/10	"	
<b>Wet Chemistry</b>								
Total Alkalinity	68.0	5.00	mg/L	ATK0186	11/19/10	11/19/10	SM2320B	
Bicarbonate Alkalinity	68.0	5.00	"	"	"	"	"	
Carbonate Alkalinity	ND	5.00	"	"	"	"	"	
Specific Conductance (EC)	121	5.00	uS/cm	ATK0167	11/18/10	11/18/10	EPA 120.1	
Hydroxide Alkalinity	ND	5.00	mg/L	ATK0186	11/19/10	11/19/10	SM2320B	
pH	8.01	0.100	pH Units	ATK0166	11/18/10	11/18/10	SM 4500-H+ B	Field
Total Dissolved Solids	97.0	15.0	mg/L	ATL0022	11/23/10	12/06/10	SM 2540C	
Total Hardness	62.0	5.00	"	ATK0171	11/18/10	11/18/10	SM2340B	
<b>Ion Chromatography</b>								
Chloride	ND	0.5	mg/L	ATK0217	11/22/10	11/22/10	EPA 300.0	
Sulfate as SO4	0.5	0.5	"	"	"	"	"	

Excelechem Environmental Lab.



Laboratory Representative

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

**Excelchem Environmental Labs**

Central Valley Regional Water Quality Control Brd 11020 Sun Center Dr. #200 Rancho Cordova, CA 95670	Project: Walker Mine Project Number: 10-026-150 Project Manager: Leticia Valadez	Date Reported: 12/17/10 14:20
--	--	----------------------------------

**WM-14  
1011135-18 (Water)**

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
<b>Metals by 200 series</b>								
Calcium	47100	100	ug/l	ATK0247	11/24/10	11/30/10	EPA 200.7	
Magnesium	3600	50.0	"	"	"	11/29/10	"	
Potassium	873	100	"	"	"	11/29/10	"	
Sodium	2760	200	"	"	"	11/30/10	"	
<b>Wet Chemistry</b>								
Total Alkalinity	128	5.00	mg/L	ATK0186	11/19/10	11/19/10	SM2320B	
Bicarbonate Alkalinity	128	5.00	"	"	"	"	"	
Carbonate Alkalinity	ND	5.00	"	"	"	"	"	
Specific Conductance (EC)	263	5.00	uS/cm	ATK0167	11/18/10	11/18/10	EPA 120.1	
Hydroxide Alkalinity	ND	5.00	mg/L	ATK0186	11/19/10	11/19/10	SM2320B	
pH	8.00	0.100	pH Units	ATK0166	11/18/10	11/18/10	SM 4500-H+ B	Field
Total Dissolved Solids	165	15.0	mg/L	ATL0022	11/23/10	12/06/10	SM 2540C	
Total Hardness	138	5.00	"	ATK0171	11/18/10	11/18/10	SM2340B	
<b>Ion Chromatography</b>								
Chloride	0.5	0.5	mg/L	ATK0217	11/22/10	11/22/10	EPA 300.0	
Sulfate as SO4	6.6	0.5	"	"	"	"	"	

Excelchem Environmental Lab.



Laboratory Representative

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

**Excelchem Environmental Labs**

Central Valley Regional Water Quality Control Brd 11020 Sun Center Dr. #200 Rancho Cordova, CA 95670	Project: Walker Mine Project Number: 10-026-150 Project Manager: Leticia Valadez	Date Reported: 12/17/10 14:20
--	--	----------------------------------

**WM-10  
1011135-19 (Water)**

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
<b>Metals by 200 series</b>								
Calcium	19100	100	ug/l	ATK0247	11/24/10	11/30/10	EPA 200.7	
Magnesium	4030	50.0	"	"	"	"	"	
Potassium	ND	100	"	"	"	11/29/10	"	
Sodium	4630	200	"	"	"	12/01/10	"	
<b>Wet Chemistry</b>								
Total Alkalinity	72.0	5.00	mg/L	ATK0186	11/19/10	11/19/10	SM2320B	
Bicarbonate Alkalinity	72.0	5.00	"	"	"	"	"	
Carbonate Alkalinity	ND	5.00	"	"	"	"	"	
Specific Conductance (EC)	150	5.00	uS/cm	ATK0167	11/18/10	11/18/10	EPA 120.1	
Hydroxide Alkalinity	ND	5.00	mg/L	ATK0186	11/19/10	11/19/10	SM2320B	
pH	8.15	0.100	pH Units	ATK0166	11/18/10	11/18/10	SM 4500-H+ B	Field
Total Dissolved Solids	99.0	15.0	mg/L	ATL0022	11/23/10	12/06/10	SM 2540C	
Total Hardness	72.0	5.00	"	ATK0171	11/18/10	11/18/10	SM2340B	
<b>Ion Chromatography</b>								
Chloride	0.5	0.5	mg/L	ATK0217	11/22/10	11/22/10	EPA 300.0	
Sulfate as SO4	6.1	0.5	"	"	"	"	"	

Excelchem Environmental Lab.



Laboratory Representative

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

**Excelchem Environmental Labs**

Central Valley Regional Water Quality Control Brd 11020 Sun Center Dr. #200 Rancho Cordova, CA 95670	Project: Walker Mine Project Number: 10-026-150 Project Manager: Leticia Valadez	Date Reported: 12/17/10 14:20
--	--	----------------------------------

**WM-20  
1011135-20 (Water)**

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
<b>Metals by 200 series</b>								
Calcium	17900	100	ug/l	ATK0247	11/24/10	11/30/10	EPA 200.7	
Magnesium	4640	50.0	"	"	"	"	"	
Potassium	1710	100	"	"	"	11/29/10	"	
Sodium	7010	200	"	"	"	12/01/10	"	
<b>Wet Chemistry</b>								
Total Alkalinity	68.0	5.00	mg/L	ATK0186	11/19/10	11/19/10	SM2320B	
Bicarbonate Alkalinity	68.0	5.00	"	"	"	"	"	
Carbonate Alkalinity	ND	5.00	"	"	"	"	"	
Specific Conductance (EC)	151	5.00	uS/cm	ATK0167	11/18/10	11/18/10	EPA 120.1	
Hydroxide Alkalinity	ND	5.00	mg/L	ATK0186	11/19/10	11/19/10	SM2320B	
pH	8.04	0.100	pH Units	ATK0166	11/18/10	11/18/10	SM 4500-H+ B	Field
Total Dissolved Solids	115	15.0	mg/L	ATL0022	11/23/10	12/06/10	SM 2540C	
Total Hardness	64.0	5.00	"	ATK0171	11/18/10	11/18/10	SM2340B	
<b>Ion Chromatography</b>								
Chloride	0.5	0.5	mg/L	ATK0217	11/22/10	11/23/10	EPA 300.0	
Sulfate as SO4	8.0	0.5	"	"	"	"	"	

Excelchem Environmental Lab.



Laboratory Representative

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

**Excelchem Environmental Labs**

Central Valley Regional Water Quality Control Brd  
11020 Sun Center Dr. #200  
Rancho Cordova, CA 95670

Project: Walker Mine  
Project Number: 10-026-150  
Project Manager: Leticia Valadez

Date Reported:  
12/17/10 14:20

**WM-30**  
**1011135-21 (Water)**

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
<b>Metals by 200 series</b>								
Calcium	37800	100	ug/l	ATK0247	11/24/10	11/30/10	EPA 200.7	
Magnesium	6810	50.0	"	"	"	"	"	
Potassium	2250	100	"	"	"	11/29/10	"	
Sodium	2740	200	"	"	"	12/01/10	"	
<b>Wet Chemistry</b>								
Total Alkalinity	ND	5.00	mg/L	ATK0186	11/19/10	11/19/10	SM2320B	
Bicarbonate Alkalinity	ND	5.00	"	"	"	"	"	
Carbonate Alkalinity	ND	5.00	"	"	"	"	"	
Specific Conductance (EC)	400	5.00	uS/cm	ATK0167	11/18/10	11/18/10	EPA 120.1	
Hydroxide Alkalinity	ND	5.00	mg/L	ATK0186	11/19/10	11/19/10	SM2320B	
pH	4.46	0.100	pH Units	ATK0166	11/18/10	11/18/10	SM 4500-H+ B	Field
Total Dissolved Solids	309	15.0	mg/L	ATL0022	11/24/10	12/06/10	SM 2540C	
Total Hardness	522	5.00	"	ATK0171	11/18/10	11/18/10	SM2340B	
<b>Ion Chromatography</b>								
Chloride	ND	0.5	mg/L	ATK0217	11/22/10	11/23/10	EPA 300.0	

Excelchem Environmental Lab.



\_\_\_\_\_  
Laboratory Representative

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

**Excelchem Environmental Labs**

Central Valley Regional Water Quality Control Bd  
11020 Sun Center Dr. #200  
Rancho Cordova, CA 95670

Project: Walker Mine  
Project Number: 10-026-150  
Project Manager: Leticia Valadez

Date Reported:  
12/17/10 14:20

**WM-30**

**1011135-21RE1 (Water)**

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
---------	--------	-----------------	-------	-------	---------------	---------------	--------	-------

**Ion Chromatography**

Sulfate as SO4	225	5.0	mg/L	ATK0217	11/22/10	11/23/10	EPA 300.0	
----------------	-----	-----	------	---------	----------	----------	-----------	--

Excelchem Environmental Lab.

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*



\_\_\_\_\_  
Laboratory Representative

**Excelchem Environmental Labs**

Central Valley Regional Water Quality Control Brd 11020 Sun Center Dr. #200 Rancho Cordova, CA 95670	Project: Walker Mine Project Number: 10-026-150 Project Manager: Leticia Valadez	Date Reported: 12/17/10 14:20
--	--	----------------------------------

**WM-31  
1011135-22 (Water)**

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
<b>Metals by 200 series</b>								
Calcium	37600	100	ug/l	ATK0247	11/24/10	11/30/10	EPA 200.7	
Magnesium	6790	50.0	"	"	"	"	"	
Potassium	2240	100	"	"	"	11/29/10	"	
Sodium	2760	200	"	"	"	12/01/10	"	
<b>Wet Chemistry</b>								
Total Alkalinity	ND	5.00	mg/L	ATK0186	11/19/10	11/19/10	SM2320B	
Bicarbonate Alkalinity	ND	5.00	"	"	"	"	"	
Carbonate Alkalinity	ND	5.00	"	"	"	"	"	
Specific Conductance (EC)	402	5.00	uS/cm	ATK0167	11/18/10	11/18/10	EPA 120.1	
Hydroxide Alkalinity	ND	5.00	mg/L	ATK0186	11/19/10	11/19/10	SM2320B	
pH	4.44	0.100	pH Units	ATK0166	11/18/10	11/18/10	SM 4500-H+ B	Field
Total Dissolved Solids	307	15.0	mg/L	ATL0022	11/24/10	12/06/10	SM 2540C	
Total Hardness	584	5.00	"	ATK0171	11/18/10	11/18/10	SM2340B	
<b>Ion Chromatography</b>								
Chloride	ND	0.5	mg/L	ATK0217	11/22/10	11/23/10	EPA 300.0	

Excelchem Environmental Lab.



Laboratory Representative

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

**Excelchem Environmental Labs**

Central Valley Regional Water Quality Control Brd  
11020 Sun Center Dr. #200  
Rancho Cordova, CA 95670

Project: Walker Mine  
Project Number: 10-026-150  
Project Manager: Leticia Valadez

Date Reported:  
12/17/10 14:20

**WM-31**

**1011135-22RE1 (Water)**

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
---------	--------	-----------------	-------	-------	---------------	---------------	--------	-------

**Ion Chromatography**

Sulfate as SO4	238	5.0	mg/L	ATK0217	11/22/10	11/23/10	EPA 300.0	
----------------	-----	-----	------	---------	----------	----------	-----------	--

Excelchem Environmental Lab.



Laboratory Representative

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*



**Excelchem Environmental Labs**

Central Valley Regional Water Quality Control Brd 11020 Sun Center Dr. #200 Rancho Cordova, CA 95670	Project: Walker Mine Project Number: 10-026-150 Project Manager: Leticia Valadez	Date Reported: 12/17/10 14:20
--	--	----------------------------------

**WM-32  
1011135-23 (Water)**

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
<b>Metals by 200 series</b>								
Calcium	2590	100	ug/l	ATK0247	11/24/10	11/30/10	EPA 200.7	
Magnesium	1040	50.0	"	"	"	"	"	
Potassium	608	100	"	"	"	11/29/10	"	
Sodium	2440	200	"	"	"	12/01/10	"	
<b>Wet Chemistry</b>								
Total Alkalinity	18.0	5.00	mg/L	ATK0186	11/19/10	11/19/10	SM2320B	
Bicarbonate Alkalinity	18.0	5.00	"	"	"	"	"	
Carbonate Alkalinity	ND	5.00	"	"	"	"	"	
Specific Conductance (EC)	30.7	5.00	uS/cm	ATK0167	11/18/10	11/18/10	EPA 120.1	
Hydroxide Alkalinity	ND	5.00	mg/L	ATK0186	11/19/10	11/19/10	SM2320B	
pH	6.88	0.100	pH Units	ATK0166	11/18/10	11/18/10	SM 4500-H+ B	Field
Total Dissolved Solids	77.0	15.0	mg/L	ATL0022	11/24/10	12/06/10	SM 2540C	
Total Hardness	12.0	5.00	"	ATK0171	11/18/10	11/18/10	SM2340B	
<b>Ion Chromatography</b>								
Chloride	1.4	0.5	mg/L	ATK0217	11/22/10	11/23/10	EPA 300.0	
Sulfate as SO4	0.6	0.5	"	"	"	"	"	

Excelchem Environmental Lab.

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*



Laboratory Representative

**Excelchem Environmental Labs**

Central Valley Regional Water Quality Control Brd 11020 Sun Center Dr. #200 Rancho Cordova, CA 95670	Project: Walker Mine Project Number: 10-026-150 Project Manager: Leticia Valadez	Date Reported: 12/17/10 14:20
--	--	----------------------------------

**Metals by 200 series - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

**Batch ATK0247 - EPA 200.7**

<b>Blank (ATK0247-BLK1)</b>				Prepared: 11/24/10 Analyzed: 11/29/10						
Calcium	ND	100	ug/l							
Magnesium	ND	50.0	"							
Potassium	ND	100	"							
Sodium	ND	200	"							

<b>Blank (ATK0247-BLK2)</b>				Prepared: 11/24/10 Analyzed: 11/30/10						
Calcium	ND	100	ug/l							
Magnesium	ND	50.0	"							
Potassium	ND	100	"							
Sodium	ND	200	"							

<b>Blank (ATK0247-BLK3)</b>				Prepared: 11/24/10 Analyzed: 11/29/10						
Calcium	ND	100	ug/l							
Magnesium	ND	50.0	"							
Potassium	ND	100	"							
Sodium	ND	200	"							

<b>LCS (ATK0247-BS1)</b>				Prepared: 11/24/10 Analyzed: 11/29/10						
Calcium	913	100	ug/l	1000		91.3	85-115			
Magnesium	917	50.0	"	1000		91.7	85-115			
Potassium	11100	100	"	10000		111	85-115			
Sodium	917	200	"	1000		91.7	85-115			

<b>LCS (ATK0247-BS2)</b>				Prepared: 11/24/10 Analyzed: 11/29/10						
Calcium	911	100	ug/l	1000		91.1	85-115			
Magnesium	887	50.0	"	1000		88.7	85-115			
Potassium	10900	100	"	10000		109	85-115			
Sodium	936	200	"	1000		93.6	85-115			

Excelchem Environmental Lab.

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*



Laboratory Representative

**Excelchem Environmental Labs**

Central Valley Regional Water Quality Control Brd  
11020 Sun Center Dr. #200  
Rancho Cordova, CA 95670

Project: Walker Mine  
Project Number: 10-026-150  
Project Manager: Leticia Valadez

Date Reported:  
12/17/10 14:20

**Metals by 200 series - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

**Batch ATK0247 - EPA 200.7**

**LCS (ATK0247-BS3)**

Prepared: 11/24/10 Analyzed: 11/29/10

Calcium	949	100	ug/l	1000		94.9	85-115			
Magnesium	889	50.0	"	1000		88.9	85-115			
Potassium	10500	100	"	10000		105	85-115			
Sodium	974	200	"	1000		97.4	85-115			

**LCS Dup (ATK0247-BSD1)**

Prepared: 11/24/10 Analyzed: 11/29/10

Calcium	929	100	ug/l	1000		92.9	85-115	1.69	20	
Magnesium	930	50.0	"	1000		93.0	85-115	1.42	20	
Potassium	11000	100	"	10000		110	85-115	1.14	20	
Sodium	933	200	"	1000		93.3	85-115	1.72	20	

**LCS Dup (ATK0247-BSD2)**

Prepared: 11/24/10 Analyzed: 11/29/10

Calcium	899	100	ug/l	1000		89.9	85-115	1.41	20	
Magnesium	871	50.0	"	1000		87.1	85-115	1.83	20	
Potassium	10600	100	"	10000		106	85-115	3.08	20	
Sodium	955	200	"	1000		95.5	85-115	1.97	20	

**LCS Dup (ATK0247-BSD3)**

Prepared: 11/24/10 Analyzed: 11/29/10

Calcium	916	100	ug/l	1000		91.6	85-115	3.45	20	
Magnesium	894	50.0	"	1000		89.4	85-115	0.547	20	
Potassium	10500	100	"	10000		105	85-115	0.127	20	
Sodium	953	200	"	1000		95.3	85-115	2.19	20	

**Matrix Spike (ATK0247-MS1)**

Source: 1011135-06

Prepared: 11/24/10 Analyzed: 11/29/10

Calcium	15600	100	ug/l	1000	14900	75.0	75-125			
Magnesium	7720	50.0	"	1000	6740	98.3	75-125			
Potassium	11800	100	"	10000	1040	108	75-125			
Sodium	4070	200	"	1000	3050	101	75-125			

Excelchem Environmental Lab.

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*



Laboratory Representative

**Excelchem Environmental Labs**

Central Valley Regional Water Quality Control Brd 11020 Sun Center Dr. #200 Rancho Cordova, CA 95670	Project: Walker Mine Project Number: 10-026-150 Project Manager: Leticia Valadez	Date Reported: 12/17/10 14:20
--	--	----------------------------------

**Metals by 200 series - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

**Batch ATK0247 - EPA 200.7**

<b>Matrix Spike (ATK0247-MS2)</b>		<b>Source: 1011135-15</b>		<b>Prepared: 11/24/10 Analyzed: 11/29/10</b>						
Calcium	19200	100	ug/l	1000	17300	191	75-125			QL-01
Magnesium	7730	50.0	"	1000	6970	76.1	75-125			
Potassium	12700	100	"	10000	1930	108	75-125			
Sodium	4610	200	"	1000	3740	87.1	75-125			

<b>Matrix Spike (ATK0247-MS3)</b>		<b>Source: 1011135-18</b>		<b>Prepared: 11/24/10 Analyzed: 11/30/10</b>						
Calcium	48400	100	ug/l	1000	47100	123	75-125			
Magnesium	4640	50.0	"	1000	3600	104	75-125			
Potassium	11400	100	"	10000	873	105	75-125			
Sodium	3780	200	"	1000	2760	101	75-125			

<b>Matrix Spike Dup (ATK0247-MSD1)</b>		<b>Source: 1011135-06</b>		<b>Prepared: 11/24/10 Analyzed: 11/29/10</b>						
Calcium	16000	100	ug/l	1000	14900	110	75-125	2.21	25	
Magnesium	7850	50.0	"	1000	6740	111	75-125	1.61	25	
Potassium	11700	100	"	10000	1040	107	75-125	0.745	25	
Sodium	4070	200	"	1000	3050	102	75-125	0.171	25	

<b>Matrix Spike Dup (ATK0247-MSD2)</b>		<b>Source: 1011135-15</b>		<b>Prepared: 11/24/10 Analyzed: 11/30/10</b>						
Calcium	19200	100	ug/l	1000	17300	193	75-125	0.0799	25	QL-01
Magnesium	7820	50.0	"	1000	6970	85.3	75-125	1.18	25	
Potassium	12400	100	"	10000	1930	104	75-125	2.50	25	
Sodium	4610	200	"	1000	3740	87.2	75-125	0.0236	25	

<b>Matrix Spike Dup (ATK0247-MSD3)</b>		<b>Source: 1011135-18</b>		<b>Prepared: 11/24/10 Analyzed: 11/30/10</b>						
Calcium	47300	100	ug/l	1000	47100	15.6	75-125	2.25	25	QL-01
Magnesium	4690	50.0	"	1000	3600	109	75-125	1.07	25	
Potassium	11100	100	"	10000	873	103	75-125	2.20	25	
Sodium	3760	200	"	1000	2760	100	75-125	0.407	25	

Excelchem Environmental Lab.



Laboratory Representative

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

**Excelchem Environmental Labs**

Central Valley Regional Water Quality Control Brd 11020 Sun Center Dr. #200 Rancho Cordova, CA 95670	Project: Walker Mine Project Number: 10-026-150 Project Manager: Leticia Valadez	Date Reported: 12/17/10 14:20
--	--	-------------------------------

**Wet Chemistry - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

**Batch ATK0166 - SM 4500-H+ B**

<b>Duplicate (ATK0166-DUP1)</b>		<b>Source: 1011135-22</b>		<b>Prepared &amp; Analyzed: 11/18/10</b>						
pH	4.45	0.100	pH Units		4.44			0.225	20	Field
<b>Duplicate (ATK0166-DUP2)</b>		<b>Source: 1011135-23</b>		<b>Prepared &amp; Analyzed: 11/18/10</b>						
pH	6.89	0.100	pH Units		6.88			0.145	20	Field

**Batch ATK0167 - EPA 120.1**

<b>Duplicate (ATK0167-DUP1)</b>		<b>Source: 1011135-22</b>		<b>Prepared &amp; Analyzed: 11/18/10</b>						
Specific Conductance (EC)	399	5.00	uS/cm		402			0.749	20	
<b>Duplicate (ATK0167-DUP2)</b>		<b>Source: 1011135-23</b>		<b>Prepared &amp; Analyzed: 11/18/10</b>						
Specific Conductance (EC)	30.6	5.00	uS/cm		30.7			0.326	20	

**Batch ATK0171 - SM2340B**

<b>Blank (ATK0171-BLK1)</b>				<b>Prepared &amp; Analyzed: 11/18/10</b>						
Total Hardness	ND	5.00	mg/L							
<b>LCS (ATK0171-BS1)</b>				<b>Prepared &amp; Analyzed: 11/18/10</b>						
Total Hardness	56.0	5.00	mg/L	50.0	112	80-120				
<b>LCS Dup (ATK0171-BSD1)</b>				<b>Prepared &amp; Analyzed: 11/18/10</b>						
Total Hardness	52.0	5.00	mg/L	50.0	104	80-120	7.41	20		
<b>Duplicate (ATK0171-DUP1)</b>		<b>Source: 1011135-12</b>		<b>Prepared &amp; Analyzed: 11/18/10</b>						
Total Hardness	12.0	5.00	mg/L		10.0			18.2	200	

Excelchem Environmental Lab.

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*



Laboratory Representative

**Excelchem Environmental Labs**

Central Valley Regional Water Quality Control Brd 11020 Sun Center Dr. #200 Rancho Cordova, CA 95670	Project: Walker Mine Project Number: 10-026-150 Project Manager: Leticia Valadez	Date Reported: 12/17/10 14:20
--	--	----------------------------------

**Wet Chemistry - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

**Batch ATK0171 - SM2340B**

<b>Duplicate (ATK0171-DUP2)</b>		<b>Source: 1011135-23</b>		<b>Prepared &amp; Analyzed: 11/18/10</b>						
Total Hardness	16.0	5.00	mg/L		12.0			28.6	200	
<b>Matrix Spike (ATK0171-MS1)</b>		<b>Source: 1011135-01</b>		<b>Prepared &amp; Analyzed: 11/18/10</b>						
Total Hardness	98.0	5.00	mg/L	50.0	48.0	100	75-125			
<b>Matrix Spike Dup (ATK0171-MSD1)</b>		<b>Source: 1011135-01</b>		<b>Prepared &amp; Analyzed: 11/18/10</b>						
Total Hardness	98.0	5.00	mg/L	50.0	48.0	100	75-125	0.00	20	

**Batch ATK0186 - SM2320B**

<b>Blank (ATK0186-BLK1)</b>		<b>Prepared &amp; Analyzed: 11/19/10</b>								
Bicarbonate Alkalinity	ND	5.00	mg/L							
Carbonate Alkalinity	ND	5.00	"							
Hydroxide Alkalinity	ND	5.00	"							
Total Alkalinity	ND	5.00	"							
<b>Blank (ATK0186-BLK2)</b>		<b>Prepared &amp; Analyzed: 11/22/10</b>								
Bicarbonate Alkalinity	ND	5.00	mg/L							
Carbonate Alkalinity	ND	5.00	"							
Hydroxide Alkalinity	ND	5.00	"							
Total Alkalinity	ND	5.00	"							
<b>LCS (ATK0186-BS1)</b>		<b>Prepared &amp; Analyzed: 11/19/10</b>								
Total Alkalinity	104	5.00	mg/L	100		104	80-120			
<b>LCS (ATK0186-BS2)</b>		<b>Prepared &amp; Analyzed: 11/22/10</b>								
Total Alkalinity	118	5.00	mg/L	100		118	80-120			

Excelchem Environmental Lab.



Laboratory Representative

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

**Excelchem Environmental Labs**

Central Valley Regional Water Quality Control Brd  
 11020 Sun Center Dr. #200  
 Rancho Cordova, CA 95670

Project: Walker Mine  
 Project Number: 10-026-150  
 Project Manager: Leticia Valadez

Date Reported:  
 12/17/10 14:20

**Wet Chemistry - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch ATK0186 - SM2320B</b>										
<b>LCS Dup (ATK0186-BSD1)</b>				Prepared & Analyzed: 11/19/10						
Total Alkalinity	106	5.00	mg/L	100		106	80-120	1.90	20	
<b>LCS Dup (ATK0186-BSD2)</b>				Prepared & Analyzed: 11/22/10						
Total Alkalinity	98.0	5.00	mg/L	100		98.0	80-120	18.5	20	
<b>Duplicate (ATK0186-DUP1)</b>				Source: 1011135-10		Prepared & Analyzed: 11/19/10				
Bicarbonate Alkalinity	64.0	5.00	mg/L		70.0			8.96	20	
Carbonate Alkalinity	ND	5.00	"		ND				20	
Hydroxide Alkalinity	ND	5.00	"		ND				20	
Total Alkalinity	64.0	5.00	"		70.0			8.96	20	
<b>Duplicate (ATK0186-DUP2)</b>				Source: 1011135-11		Prepared & Analyzed: 11/19/10				
Bicarbonate Alkalinity	62.0	5.00	mg/L		64.0			3.17	20	
Carbonate Alkalinity	ND	5.00	"		ND				20	
Hydroxide Alkalinity	ND	5.00	"		ND				20	
Total Alkalinity	62.0	5.00	"		64.0			3.17	20	
<b>Matrix Spike (ATK0186-MS1)</b>				Source: 1011135-02		Prepared & Analyzed: 11/19/10				
Total Alkalinity	180	5.00	mg/L	100	76.0	104	80-120			
<b>Matrix Spike (ATK0186-MS2)</b>				Source: 1011135-03		Prepared & Analyzed: 11/22/10				
Total Alkalinity	136	5.00	mg/L	100	30.0	106	80-120			
<b>Matrix Spike Dup (ATK0186-MSD1)</b>				Source: 1011135-02		Prepared & Analyzed: 11/19/10				
Total Alkalinity	182	5.00	mg/L	100	76.0	106	80-120	1.10	20	
<b>Matrix Spike Dup (ATK0186-MSD2)</b>				Source: 1011135-03		Prepared & Analyzed: 11/22/10				
Total Alkalinity	136	5.00	mg/L	100	30.0	106	80-120	0.00	20	

Excelchem Environmental Lab.

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*



Laboratory Representative

**Excelchem Environmental Labs**

Central Valley Regional Water Quality Control Brd 11020 Sun Center Dr. #200 Rancho Cordova, CA 95670	Project: Walker Mine Project Number: 10-026-150 Project Manager: Leticia Valadez	Date Reported: 12/17/10 14:20
--	--	----------------------------------

**Wet Chemistry - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch ATL0022 - SM 2540C</b>										
<b>Blank (ATL0022-BLK1)</b>				Prepared: 11/24/10 Analyzed: 12/06/10						
Total Dissolved Solids	ND	15.0	mg/L							
<b>Blank (ATL0022-BLK2)</b>				Prepared: 11/24/10 Analyzed: 12/06/10						
Total Dissolved Solids	ND	15.0	mg/L							
<b>Duplicate (ATL0022-DUP1)</b>		<b>Source: 1011135-08</b>		Prepared: 11/24/10 Analyzed: 12/06/10						
Total Dissolved Solids	154	15.0	mg/L		143			7.41	20	
<b>Duplicate (ATL0022-DUP2)</b>		<b>Source: 1011135-22</b>		Prepared: 11/24/10 Analyzed: 12/06/10						
Total Dissolved Solids	316	15.0	mg/L		307			2.89	20	

Excelchem Environmental Lab.



\_\_\_\_\_  
Laboratory Representative

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*



**Excelchem Environmental Labs**

Central Valley Regional Water Quality Control Brd  
11020 Sun Center Dr. #200  
Rancho Cordova, CA 95670

Project: Walker Mine  
Project Number: 10-026-150  
Project Manager: Leticia Valadez

Date Reported:  
12/17/10 14:20

**Ion Chromatography - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPO	RPO Limit	Notes
<b>Batch ATK0217 - EPA 300.0</b>										
<b>Blank (ATK0217-BLK1)</b> Prepared & Analyzed: 11/22/10										
Chloride	NO	0.5	mg/L							
Sulfate as SO4	NO	0.5	"							
<b>Blank (ATK0217-BLK2)</b> Prepared & Analyzed: 11/22/10										
Chloride	ND	0.5	mg/L							
Sulfate as SO4	NO	0.5	"							
<b>LCS (ATK0217-BS1)</b> Prepared & Analyzed: 11/22/10										
Chloride	10.4	0.5	mg/L	10.0		104	80-120			
Sulfate as SO4	9.0	0.5	"	10.0		90.2	80-120			
<b>LCS (ATK0217-BS2)</b> Prepared: 11/22/10 Analyzed: 11/30/10										
Chloride	10.1	0.5	mg/L	10.0		101	80-120			
Sulfate as SO4	10.5	0.5	"	10.0		105	80-120			
<b>LCS Dup (ATK0217-BSD1)</b> Prepared & Analyzed: 11/22/10										
Chloride	11.4	0.5	mg/L	10.0		114	80-120	8.91	20	
Sulfate as SO4	9.6	0.5	"	10.0		95.5	80-120	5.79	20	
<b>LCS Dup (ATK0217-BSD2)</b> Prepared: 11/22/10, Analyzed: 11/30/10										
Chloride	10.2	0.5	mg/L	10.0		102	80-120	0.733	20	
Sulfate as SO4	10.6	0.5	"	10.0		106	80-120	1.04	20	
<b>Duplicate (ATK0217-DUP1)</b> Source: 1011135-19 Prepared & Analyzed: 11/22/10										
Chloride	0.6	0.5	mg/L		0.5			12.1	20	
Sulfate as SO4	6.5	0.5	"		6.1			5.84	20	

Excelchem Environmental Lab.

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*



Laboratory Representative

**Excelchem Environmental Labs**

Central Valley Regional Water Quality Control Brd  
11020 Sun Center Dr. #200  
Rancho Cordova, CA 95670

Project: Walker Mine  
Project Number: 10-026-150  
Project Manager: Leticia Valadez

Date Reported:  
12/17/10 14:20

**Notes and Definitions**

- QL-01 Sample results for the QC batch were accepted based on LCS/LCSD percent recoveries and RPD values.
- Field This analyte was analyzed outside of the EPA recommended hold time of ASAP and should be analyzed in the field.
- ND Analyte not detected at reporting limit.
- NR Not reported.

---

Excelchem Environmental Lab.

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*



---

Laboratory Representative

**Excelchem Environmental Labs**

Central Valley Regional Water Quality Control Brd  
 11020 Sun Center Dr. #200  
 Rancho Cordova, CA 95670

Project: Walker Mine  
 Project Number: 10-026-150  
 Project Manager: Leticia Valadez

Date Reported:  
 12/17/10 14:20

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST		Electronic Data Deliverables Request					
Excelchem Environmental Labs 1105 W. Sunset Blvd. Suite 100 Pomona, CA 92666 Ph: 909-860-4405 Fax: 916-543-2490 Project Manager: Leticia Valadez Phone: (916) 464-4634 Fax: (916) 464-4634		Email Address: Jvaladez@waterboards.ca.gov					
Company Address: Central Valley Water Board 11020 Sun Center Drive, #200 Rancho Cordova, CA 95670 Project Number: 10-026-150 Project Location: Plumas County		Project Name: Walker Mine Sample Operator: AHS Hurd					
Sample ID	Date	Time	Container	Method Preserved	Matrix	Requested TAT: 12M/24H/48H/72H/Standard	
						Water	Soil
WM-1	10/10/10	10:00	3	ICE	WATER	01	01
WM-2	10/10	10:10	1	NONE	WATER	02	02
WM-1	10/25	10:25	1	ICE	WATER	03	03
WM-3	10/28	10:30	1	ICE	WATER	04	04
WM-5	10/45	10:45	1	ICE	WATER	05	05
WM-7B	11/0	11:0	1	ICE	WATER	06	06
WM-7C	11/6	11:6	1	ICE	WATER	07	07
WM-6	11/20	11:20	1	ICE	WATER	08	08
WM-7A	11/45	11:45	1	ICE	WATER	09	09
WM-5	12/20	12:20	1	ICE	WATER	10	10
WM-9	12/30	12:30	1	ICE	WATER	11	11
WM-11	12/15	No	1	ICE	WATER	12	12
Retreived by: AHS Hurd Date: 11-18-10 Time: 8:40 Received by Laboratory: [Signature]						Remarks/Condition of Sample: Filter unpressured Samples upon receipt for dissolved Metals	
Retreived by: [Signature] Date: 11/18/10 Time: 14:02 Received by Laboratory: [Signature]						Bill To:	

Excelchem Environmental Lab.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

*[Handwritten Signature]*

Laboratory Representative





**Excelchem Environmental Labs**

Central Valley Regional Water Quality Control Brd  
11020 Sun Center Dr. #200  
Rancho Cordova, CA 95670

Project: Walker Mine  
Project Number: 10-026-150  
Project Manager: Leticia Valadez

Date Reported:  
12/17/10 14:20

**Sample Integrity**

**WORK ORDER** 101135

Date Received: 11/18/10

**Section 1 - Sample Arrival Info.**

Sample Transport: ONTRAC UPS USPS Walk-In EXCELCHEM Courier Fed-Ex Other: \_\_\_\_\_  
 Transported In: Ice Chest Box Hand  
 Describe type of packing materials: Bubble Wrap Foam Packing Peanuts Paper Other: N/A  
 Has chilling process begun? Y N Samples Received: Chilled to Touch / Ambient / On Ice  
 Temperature of Samples (°C): 4 Ice Chest Temperature(s) (°C): 2  
 Was temperature in Range? Y N

**Section 2 - Bottle/Analysis Info.**

	Yes	No	N/A	Comments
Did all bottles arrive unbroken and intact?	<input checked="" type="checkbox"/>			
Did all bottle labels agree with COC?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<u>1 WM-14 &amp; 15 See</u>
Were correct containers used for the tests requested?	<input checked="" type="checkbox"/>			
Were correct preservations used for the tests requested?	<input checked="" type="checkbox"/>			
Was a sufficient amount of sample sent for tests indicated?	<input checked="" type="checkbox"/>			
Were bubbles present in VOA Vials? (Volatils Methods Only)			<input checked="" type="checkbox"/>	

**Section 3 - COC Info.**

	Completed		Info From Consumer	Completed		Comments
	Yes	No		Yes	No	
Was COC Received	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>		<u>On separate sheet</u>
Date Sampled	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>		
Time Sampled	<input checked="" type="checkbox"/>				<u>A</u>	
Sample ID	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>		
Rush TAT		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		
Analysis Requested				<input checked="" type="checkbox"/>		
Samples arrived within holding time					<u>A</u>	
Any hold times less than 72 hrs						
Client Name				<input checked="" type="checkbox"/>		
Address/Telephone #				<input checked="" type="checkbox"/>		

**Section 4 - Comments / Discrepancies**

Was Client notified of discrepancies: Yes No Notified Notified by: \_\_\_\_\_

Explanations/Comments: WM-14 is written on 4 bottles however WM-15 is at 1400 & WM-14 is written as the sample from WM-15.

Samples Labeled by: SKZ  
 Labels reviewed by: SKZ  
 Bin #: P14, P15, P16  
 COC Scanned/Attached by: S

Form completed by: [Signature] Date/Time: 11/18/10 9:20

[Signature]

**Exhibit 74**

**EXCELCHEM**  
**Environmental Labs**

1135 W Sunset Boulevard  
Suite A  
Rocklin, CA 95765  
Phone# 916-543-4445  
Fax# 916-543-4449



ELAP Certificate No. : 2119

25 July 2011

Jeff Huggins

RWQC Central Valley

11020 Sun Center Dr. #200

Rancho Cordova, CA 95670

RE: Walker Mine

Work order number:1106070

Enclosed are the results of analyses for samples received by the laboratory on 06/02/11 16:00. All Quality Control results are within acceptable limits except where noted as a case narrative. If you have any questions concerning this report, please feel free to contact the laboratory.

Sincerely,

---

John Somers, Lab Director



Excelchem Environmental Labs

RWQC Central Valley  
11020 Sun Center Dr. #200  
Rancho Cordova, CA 95670

Project: Walker Mine  
Project Number: 10-026-150  
Project Manager: Jeff Huggins

Date Reported:  
07/25/11 11:47

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
WM-30	1106070-01	Water	06/01/11 13:30	06/02/11 16:00
WM-40	1106070-02	Water	06/01/11 13:30	06/02/11 16:00
WM-3	1106070-03	Water	06/01/11 15:50	06/02/11 16:00
WM-19	1106070-04	Water	06/01/11 15:55	06/02/11 16:00
WM-4	1106070-05	Water	06/01/11 16:20	06/02/11 16:00
WM-9	1106070-06	Water	06/01/11 16:30	06/02/11 16:00
WM-5	1106070-07	Water	06/02/11 07:40	06/02/11 16:00
WM-1	1106070-08	Water	06/02/11 08:00	06/02/11 16:00
WM-2	1106070-09	Water	06/02/11 08:10	06/02/11 16:00
WM-7A	1106070-10	Water	06/02/11 09:20	06/02/11 16:00
WM-7B	1106070-11	Water	06/02/11 08:45	06/02/11 16:00
WM-7C	1106070-12	Water	06/02/11 08:50	06/02/11 16:00
WM-6	1106070-13	Water	06/02/11 09:00	06/02/11 16:00
WM-20	1106070-14	Water	06/02/11 10:30	06/02/11 16:00

Excelchem Environmental Lab.

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*



Laboratory Representative

**Excelchem Environmental Labs**

RWQC Central Valley 11020 Sun Center Dr. #200 Rancho Cordova, CA 95670	Project: Walker Mine Project Number: 10-026-150 Project Manager: Jeff Huggins	Date Reported: 07/25/11 11:47
--	---	----------------------------------

**WM-30  
1106070-01 (Water)**

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
<b>Metals by 200 series</b>								
Dissolved Aluminum	3860	50.0	ug/l	AUF0201	06/10/11	07/20/11	EPA 200.7	
Aluminum	3400	50.0	"	AUF0292	06/09/11	07/19/11	"	
Dissolved Arsenic	ND	10.0	"	AUF0201	06/10/11	07/20/11	"	
Arsenic	ND	10.0	"	AUF0292	06/09/11	07/18/11	"	
Dissolved Cadmium	9.8	5.0	"	AUF0201	06/10/11	07/20/11	"	
Cadmium	9.1	5.0	"	AUF0292	06/09/11	07/18/11	"	
Calcium	33200	100	"	"	"	"	"	
Dissolved Copper	11900	5.0	"	AUF0201	06/10/11	07/20/11	"	
Copper	11900	5.0	"	AUF0292	06/09/11	07/18/11	"	
Dissolved Iron	100	20.0	"	AUF0201	06/10/11	07/20/11	"	
Iron	1090	20.0	"	AUF0292	06/09/11	07/19/11	"	
Magnesium	6140	50.0	"	"	"	07/18/11	"	
Potassium	2180	100	"	"	"	"	"	
Sodium	2760	200	"	"	"	"	"	
Dissolved Zinc	748	10.0	"	AUF0201	06/10/11	07/20/11	"	
Zinc	621	10.0	"	AUF0292	06/09/11	07/20/11	"	
<b>Wet Chemistry</b>								
Total Alkalinity	ND	5.00	mg/L	AUF0193	06/15/11	06/15/11	SM2320B	
Bicarbonate Alkalinity	ND	5.00	"	"	"	"	"	
Carbonate Alkalinity	ND	5.00	"	"	"	"	"	
Specific Conductance (EC)	348	5.00	uS/cm	AUF0090	06/06/11	06/06/11	EPA 120.1	
Hydroxide Alkalinity	ND	5.00	mg/L	AUF0193	06/15/11	06/15/11	SM2320B	
pH	3.99	0.100	pH Units	AUF0088	06/03/11	06/03/11	SM 4500-H+ B	Field
Total Dissolved Solids	248	15.0	mg/L	AUF0141	06/07/11	06/13/11	SM 2540C	
Total Hardness	378	5.00	"	AUF0192	06/13/11	06/13/11	SM2340B	

Excelchem Environmental Lab.

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*



Laboratory Representative

**Excelchem Environmental Labs**

RWQC Central Valley  
11020 Sun Center Dr. #200  
Rancho Cordova, CA 95670

Project: Walker Mine  
Project Number: 10-026-150  
Project Manager: Jeff Huggins

Date Reported:  
07/25/11 11:47

**WM-30**  
**1106070-01 (Water)**

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
---------	--------	-----------------	-------	-------	---------------	---------------	--------	-------

**Ion Chromatography**

Chloride	0.7	0.5	mg/L	AUF0117	06/07/11	06/07/11	EPA 300.0	
----------	-----	-----	------	---------	----------	----------	-----------	--

Excelchem Environmental Lab.



Laboratory Representative

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

**Excelchem Environmental Labs**

RWQC Central Valley  
11020 Sun Center Dr. #200  
Rancho Cordova, CA 95670

Project: Walker Mine  
Project Number: 10-026-150  
Project Manager: Jeff Huggins

Date Reported:  
07/25/11 11:47

**WM-30**

**1106070-01RE1 (Water)**

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
---------	--------	-----------------	-------	-------	---------------	---------------	--------	-------

**Ion Chromatography**

Sulfate as SO4	147	5.0	mg/L	AUF0117	06/09/11	06/09/11	EPA 300.0	
----------------	-----	-----	------	---------	----------	----------	-----------	--

Excelchem Environmental Lab.



Laboratory Representative

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

**Excelchem Environmental Labs**

RWQC Central Valley 11020 Sun Center Dr. #200 Rancho Cordova, CA 95670	Project: Walker Mine Project Number: 10-026-150 Project Manager: Jeff Huggins	Date Reported: 07/25/11 11:47
--	---	----------------------------------

**WM-40**  
**1106070-02 (Water)**

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
<b>Metals by 200 series</b>								
Dissolved Aluminum	4300	50.0	ug/l	AUF0201	06/10/11	07/20/11	EPA 200.7	
Aluminum	3340	50.0	"	AUF0292	06/09/11	07/19/11	"	
Dissolved Arsenic	ND	10.0	"	AUF0201	06/10/11	07/20/11	"	
Arsenic	ND	10.0	"	AUF0292	06/09/11	07/18/11	"	
Dissolved Cadmium	10.7	5.0	"	AUF0201	06/10/11	07/20/11	"	
Cadmium	8.8	5.0	"	AUF0292	06/09/11	07/18/11	"	
Calcium	34600	100	"	"	"	"	"	
Dissolved Copper	13500	5.0	"	AUF0201	06/10/11	07/20/11	"	
Copper	12200	5.0	"	AUF0292	06/09/11	07/18/11	"	
Dissolved Iron	111	20.0	"	AUF0201	06/10/11	07/20/11	"	
Iron	851	20.0	"	AUF0292	06/09/11	07/19/11	"	
Magnesium	6290	50.0	"	"	"	07/18/11	"	
Potassium	2250	100	"	"	"	"	"	
Sodium	2660	200	"	"	"	"	"	
Dissolved Zinc	787	10.0	"	AUF0201	06/10/11	07/20/11	"	
Zinc	634	10.0	"	AUF0292	06/09/11	07/20/11	"	
<b>Wet Chemistry</b>								
Total Alkalinity	ND	5.00	mg/L	AUF0193	06/15/11	06/15/11	SM2320B	
Bicarbonate Alkalinity	ND	5.00	"	"	"	"	"	
Carbonate Alkalinity	ND	5.00	"	"	"	"	"	
Specific Conductance (EC)	348	5.00	uS/cm	AUF0090	06/06/11	06/06/11	EPA 120.1	
Hydroxide Alkalinity	ND	5.00	mg/L	AUF0193	06/15/11	06/15/11	SM2320B	
pH	4.03	0.100	pH Units	AUF0088	06/03/11	06/03/11	SM 4500-H+ B	Field
Total Dissolved Solids	243	15.0	mg/L	AUF0141	06/07/11	06/13/11	SM 2540C	
Total Hardness	280	5.00	"	AUF0192	06/13/11	06/13/11	SM2340B	

Excelchem Environmental Lab.



Laboratory Representative

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

**Excelchem Environmental Labs**

RWQC Central Valley  
11020 Sun Center Dr. #200  
Rancho Cordova, CA 95670

Project: Walker Mine  
Project Number: 10-026-150  
Project Manager: Jeff Huggins

Date Reported:  
07/25/11 11:47

**WM-40**  
**1106070-02 (Water)**

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
<b>Ion Chromatography</b>								
Chloride	0.8	0.5	mg/L	AUF0117	06/07/11	06/07/11	EPA 300.0	

Excelchem Environmental Lab.



Laboratory Representative

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

**Excelchem Environmental Labs**

RWQC Central Valley 11020 Sun Center Dr. #200 Rancho Cordova, CA 95670	Project: Walker Mine Project Number: 10-026-150 Project Manager: Jeff Huggins	Date Reported: 07/25/11 11:47
--	---	----------------------------------

**WM-40**  
**1106070-02RE1 (Water)**

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
<b>Ion Chromatography</b>								
Sulfate as SO4	143	5.0	mg/L	AUF0117	06/09/11	06/09/11	EPA 300.0	

Excelchem Environmental Lab.

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*



Laboratory Representative

**Excelchem Environmental Labs**

RWQC Central Valley  
11020 Sun Center Dr. #200  
Rancho Cordova, CA 95670

Project: Walker Mine  
Project Number: 10-026-150  
Project Manager: Jeff Huggins

Date Reported:  
07/25/11 11:47

**WM-3  
1106070-03 (Water)**

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
<b>Metals by 200 series</b>								
Dissolved Aluminum	ND	50.0	ug/l	AUF0201	06/10/11	07/20/11	EPA 200.7	
Aluminum	77.4	50.0	"	AUF0292	06/09/11	07/19/11	"	
Dissolved Arsenic	ND	10.0	"	AUF0201	06/10/11	07/20/11	"	
Arsenic	ND	10.0	"	AUF0292	06/09/11	07/18/11	"	
Dissolved Cadmium	ND	5.0	"	AUF0201	06/10/11	07/20/11	"	
Cadmium	ND	5.0	"	AUF0292	06/09/11	07/18/11	"	
Calcium	9580	100	"	"	"	"	"	
Dissolved Copper	26.8	5.0	"	AUF0201	06/10/11	07/20/11	"	
Copper	27.4	5.0	"	AUF0292	06/09/11	07/18/11	"	
Dissolved Iron	106	20.0	"	AUF0201	06/10/11	07/20/11	"	
Iron	119	20.0	"	AUF0292	06/09/11	07/19/11	"	
Magnesium	4620	50.0	"	"	"	07/18/11	"	
Potassium	892	100	"	"	"	"	"	
Sodium	2480	200	"	"	"	"	"	
Dissolved Zinc	ND	10.0	"	AUF0201	06/10/11	07/20/11	"	
Zinc	ND	10.0	"	AUF0292	06/09/11	07/20/11	"	
<b>Wet Chemistry</b>								
Total Alkalinity	46.0	5.00	mg/L	AUF0193	06/15/11	06/15/11	SM2320B	
Bicarbonate Alkalinity	46.0	5.00	"	"	"	"	"	
Carbonate Alkalinity	ND	5.00	"	"	"	"	"	
Specific Conductance (EC)	88.3	5.00	uS/cm	AUF0090	06/06/11	06/06/11	EPA 120.1	
Hydroxide Alkalinity	ND	5.00	mg/L	AUF0193	06/15/11	06/15/11	SM2320B	
pH	7.33	0.100	pH Units	AUF0088	06/03/11	06/03/11	SM 4500-H+ B	Field
Total Dissolved Solids	72.0	15.0	mg/L	AUF0141	06/07/11	06/13/11	SM 2540C	
Total Hardness	44.0	5.00	"	AUF0192	06/13/11	06/13/11	SM2340B	

Excelchem Environmental Lab.



Laboratory Representative

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*



**Excelchem Environmental Labs**

RWQC Central Valley 11020 Sun Center Dr. #200 Rancho Cordova, CA 95670	Project: Walker Mine Project Number: 10-026-150 Project Manager: Jeff Huggins	Date Reported: 07/25/11 11:47
--	---	----------------------------------

**WM-3  
1106070-03 (Water)**

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
---------	--------	-----------------	-------	-------	---------------	---------------	--------	-------

**Ion Chromatography**

Chloride	0.6	0.5	mg/L	AUF0117	06/07/11	06/07/11	EPA 300.0	
Sulfate as SO4	1.8	0.5	"	"	"	"	"	

Excelchem Environmental Lab.

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*



Laboratory Representative

**Excelchem Environmental Labs**

RWQC Central Valley 11020 Sun Center Dr. #200 Rancho Cordova, CA 95670	Project: Walker Mine Project Number: 10-026-150 Project Manager: Jeff Huggins	Date Reported: 07/25/11 11:47
--	---	----------------------------------

**WM-19  
1106070-04 (Water)**

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
<b>Metals by 200 series</b>								
Dissolved Aluminum	ND	50.0	ug/l	AUF0201	06/10/11	07/20/11	EPA 200.7	
Aluminum	ND	50.0	"	AUF0292	06/09/11	07/19/11	"	
Dissolved Arsenic	ND	10.0	"	AUF0201	06/10/11	07/20/11	"	
Arsenic	ND	10.0	"	AUF0292	06/09/11	07/18/11	"	
Dissolved Cadmium	ND	5.0	"	AUF0201	06/10/11	07/20/11	"	
Cadmium	ND	5.0	"	AUF0292	06/09/11	07/18/11	"	
Calcium	18700	100	"	"	"	"	"	
Dissolved Copper	3420	5.0	"	AUF0201	06/10/11	07/20/11	"	
Copper	3870	5.0	"	AUF0292	06/09/11	07/18/11	"	
Dissolved Iron	32.4	20.0	"	AUF0201	06/10/11	07/20/11	"	
Iron	70.4	20.0	"	AUF0292	06/09/11	07/19/11	"	
Magnesium	3670	50.0	"	"	"	07/18/11	"	
Potassium	1620	100	"	"	"	"	"	
Sodium	3020	200	"	"	"	"	"	
Dissolved Zinc	249	10.0	"	AUF0201	06/10/11	07/20/11	"	
Zinc	193	10.0	"	AUF0292	06/09/11	07/20/11	"	
<b>Wet Chemistry</b>								
Total Alkalinity	12.0	5.00	mg/L	AUF0193	06/15/11	06/15/11	SM2320B	
Bicarbonate Alkalinity	12.0	5.00	"	"	"	"	"	
Carbonate Alkalinity	ND	5.00	"	"	"	"	"	
Specific Conductance (EC)	162	5.00	uS/cm	AUF0090	06/06/11	06/06/11	EPA 120.1	
Hydroxide Alkalinity	ND	5.00	mg/L	AUF0193	06/15/11	06/15/11	SM2320B	
pH	5.89	0.100	pH Units	AUF0088	06/03/11	06/03/11	SM 4500-H+ B	Field
Total Dissolved Solids	133	15.0	mg/L	AUF0141	06/07/11	06/13/11	SM 2540C	
Total Hardness	182	5.00	"	AUF0192	06/13/11	06/13/11	SM2340B	

Excelchem Environmental Lab.



Laboratory Representative

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

Excelchem Environmental Labs

RWQC Central Valley 11020 Sun Center Dr. #200 Rancho Cordova, CA 95670	Project: Walker Mine Project Number: 10-026-150 Project Manager: Jeff Huggins	Date Reported: 07/25/11 11:47
--	---	----------------------------------

WM-19  
1106070-04 (Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
---------	--------	-----------------	-------	-------	---------------	---------------	--------	-------

**Ion Chromatography**

Chloride	0.5	0.5	mg/L	AUF0117	06/07/11	06/07/11	EPA 300.0	
Sulfate as SO4	56.3	0.5	"	"	"	"	"	

Excelchem Environmental Lab.



Laboratory Representative

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

**Excelchem Environmental Labs**

RWQC Central Valley  
11020 Sun Center Dr. #200  
Rancho Cordova, CA 95670

Project: Walker Mine  
Project Number: 10-026-150  
Project Manager: Jeff Huggins

Date Reported:  
07/25/11 11:47

**WM-4  
1106070-05 (Water)**

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
<b>Metals by 200 series</b>								
Dissolved Aluminum	95.9	50.0	ug/l	AUF0201	06/10/11	07/20/11	EPA 200.7	
Aluminum	76.1	50.0	"	AUF0292	06/09/11	07/19/11	"	
Dissolved Arsenic	ND	10.0	"	AUF0201	06/10/11	07/20/11	"	
Arsenic	ND	10.0	"	AUF0292	06/09/11	07/18/11	"	
Dissolved Cadmium	ND	5.0	"	AUF0201	06/10/11	07/20/11	"	
Cadmium	ND	5.0	"	AUF0292	06/09/11	07/18/11	"	
Calcium	9690	100	"	"	"	"	"	
Dissolved Copper	97.7	5.0	"	AUF0201	06/10/11	07/20/11	"	
Copper	54.7	5.0	"	AUF0292	06/09/11	07/18/11	"	
Dissolved Iron	97.9	20.0	"	AUF0201	06/10/11	07/20/11	"	
Iron	111	20.0	"	AUF0292	06/09/11	07/19/11	"	
Magnesium	4180	50.0	"	"	"	07/18/11	"	
Potassium	955	100	"	"	"	"	"	
Sodium	2630	200	"	"	"	"	"	
Dissolved Zinc	12.6	10.0	"	AUF0201	06/10/11	07/20/11	"	
Zinc	ND	10.0	"	AUF0292	06/09/11	07/20/11	"	
<b>Wet Chemistry</b>								
Total Alkalinity	44.0	5.00	mg/L	AUF0193	06/15/11	06/15/11	SM2320B	
Bicarbonate Alkalinity	44.0	5.00	"	"	"	"	"	
Carbonate Alkalinity	ND	5.00	"	"	"	"	"	
Specific Conductance (EC)	85.2	5.00	uS/cm	AUF0090	06/06/11	06/06/11	EPA 120.1	
Hydroxide Alkalinity	ND	5.00	mg/L	AUF0193	06/15/11	06/15/11	SM2320B	
pH	7.18	0.100	pH Units	AUF0088	06/03/11	06/03/11	SM 4500-H+ B	Field
Total Dissolved Solids	75.0	15.0	mg/L	AUF0141	06/07/11	06/13/11	SM 2540C	
Total Hardness	40.0	5.00	"	AUF0192	06/13/11	06/13/11	SM2340B	

Excelchem Environmental Lab.

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*



Laboratory Representative

Excelchem Environmental Labs

RWQC Central Valley  
11020 Sun Center Dr. #200  
Rancho Cordova, CA 95670

Project: Walker Mine  
Project Number: 10-026-150  
Project Manager: Jeff Huggins

Date Reported:  
07/25/11 11:47

WM-4  
1106070-05 (Water)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
<b>Ion Chromatography</b>								
Chloride	3.2	0.5	mg/L	AUF0117	06/07/11	06/07/11	EPA 300.0	
Sulfate as SO4	2.4	0.5	"	"	"	"	"	

Excelchem Environmental Lab.

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*



Laboratory Representative

**Excelchem Environmental Labs**

RWQC Central Valley  
11020 Sun Center Dr. #200  
Rancho Cordova, CA 95670

Project: Walker Mine  
Project Number: 10-026-150  
Project Manager: Jeff Huggins

Date Reported:  
07/25/11 11:47

**WM-9  
1106070-06 (Water)**

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
<b>Metals by 200 series</b>								
Dissolved Aluminum	81.2	50.0	ug/l	AUF0201	06/10/11	07/20/11	EPA 200.7	
Aluminum	95.8	50.0	"	AUF0292	06/09/11	07/20/11	"	
Dissolved Arsenic	ND	10.0	"	AUF0201	06/10/11	07/20/11	"	
Arsenic	ND	10.0	"	AUF0292	06/09/11	07/18/11	"	
Dissolved Cadmium	ND	5.0	"	AUF0201	06/10/11	07/20/11	"	
Cadmium	ND	5.0	"	AUF0292	06/09/11	07/18/11	"	
Calcium	6670	100	"	"	"	"	"	
Dissolved Copper	33.9	5.0	"	AUF0201	06/10/11	07/20/11	"	
Copper	11.4	5.0	"	AUF0292	06/09/11	07/18/11	"	
Dissolved Iron	92.7	20.0	"	AUF0201	06/10/11	07/20/11	"	
Iron	144	20.0	"	AUF0292	06/09/11	07/20/11	"	
Magnesium	2100	50.0	"	"	"	07/18/11	"	
Potassium	722	100	"	"	"	"	"	
Sodium	2690	200	"	"	"	"	"	
Dissolved Zinc	ND	10.0	"	AUF0201	06/10/11	07/20/11	"	
Zinc	ND	10.0	"	AUF0292	06/09/11	07/20/11	"	
<b>Wet Chemistry</b>								
Total Alkalinity	30.0	5.00	mg/L	AUF0193	06/15/11	06/15/11	SM2320B	
Bicarbonate Alkalinity	30.0	5.00	"	"	"	"	"	
Carbonate Alkalinity	ND	5.00	"	"	"	"	"	
Specific Conductance (EC)	56.7	5.00	uS/cm	AUF0090	06/06/11	06/06/11	EPA 120.1	
Hydroxide Alkalinity	ND	5.00	mg/L	AUF0193	06/15/11	06/15/11	SM2320B	
pH	7.59	0.100	pH Units	AUF0088	06/03/11	06/03/11	SM 4500-H+ B	Field
Total Dissolved Solids	62.0	15.0	mg/L	AUF0141	06/07/11	06/13/11	SM 2540C	
Total Hardness	22.0	5.00	"	AUF0192	06/13/11	06/13/11	SM2340B	

Excelchem Environmental Lab.



Laboratory Representative

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

**Excelchem Environmental Labs**

RWQC Central Valley  
 11020 Sun Center Dr. #200  
 Rancho Cordova, CA 95670

Project: Walker Mine  
 Project Number: 10-026-150  
 Project Manager: Jeff Huggins

Date Reported:  
 07/25/11 11:47

**WM-9  
 1106070-06 (Water)**

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
---------	--------	-----------------	-------	-------	---------------	---------------	--------	-------

**Ion Chromatography**

Chloride	0.5	0.5	mg/L	AUF0117	06/07/11	06/07/11	EPA 300.0	
Sulfate as SO4	1.2	0.5	"	"	"	"	"	

Excelchem Environmental Lab.

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*



\_\_\_\_\_  
 Laboratory Representative

**Excelchem Environmental Labs**

RWQC Central Valley  
11020 Sun Center Dr. #200  
Rancho Cordova, CA 95670

Project: Walker Mine  
Project Number: 10-026-150  
Project Manager: Jeff Huggins

Date Reported:  
07/25/11 11:47

**WM-5  
1106070-07 (Water)**

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
<b>Metals by 200 series</b>								
Dissolved Aluminum	65.8	50.0	ug/l	AUF0201	06/10/11	07/20/11	EPA 200.7	
Aluminum	88.5	50.0	"	AUF0292	06/09/11	07/20/11	"	
Dissolved Arsenic	ND	10.0	"	AUF0201	06/10/11	07/20/11	"	
Arsenic	ND	10.0	"	AUF0292	06/09/11	07/18/11	"	
Dissolved Cadmium	ND	5.0	"	AUF0201	06/10/11	07/20/11	"	
Cadmium	ND	5.0	"	AUF0292	06/09/11	07/18/11	"	
Calcium	6130	100	"	"	"	"	"	
Dissolved Copper	13.7	5.0	"	AUF0201	06/10/11	07/20/11	"	
Copper	ND	5.0	"	AUF0292	06/09/11	07/18/11	"	
Dissolved Iron	69.8	20.0	"	AUF0201	06/10/11	07/20/11	"	
Iron	107	20.0	"	AUF0292	06/09/11	07/20/11	"	
Magnesium	2010	50.0	"	"	"	07/18/11	"	
Potassium	587	100	"	"	"	"	"	
Sodium	2770	200	"	"	"	"	"	
Dissolved Zinc	ND	10.0	"	AUF0201	06/10/11	07/20/11	"	
Zinc	ND	10.0	"	AUF0292	06/09/11	07/20/11	"	
<b>Wet Chemistry</b>								
Total Alkalinity	28.0	5.00	mg/L	AUF0193	06/15/11	06/15/11	SM2320B	
Bicarbonate Alkalinity	28.0	5.00	"	"	"	"	"	
Carbonate Alkalinity	ND	5.00	"	"	"	"	"	
Specific Conductance (EC)	54.2	5.00	uS/cm	AUF0090	06/06/11	06/06/11	EPA 120.1	
Hydroxide Alkalinity	ND	5.00	mg/L	AUF0193	06/15/11	06/15/11	SM2320B	
pH	7.28	0.100	pH Units	AUF0088	06/03/11	06/03/11	SM 4500-H+ B	Field
Total Dissolved Solids	56.0	15.0	mg/L	AUF0141	06/07/11	06/13/11	SM 2540C	
Total Hardness	22.0	5.00	"	AUF0192	06/13/11	06/13/11	SM2340B	

Excelchem Environmental Lab.

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*



Laboratory Representative



**Excelchem Environmental Labs**

RWQC Central Valley 11020 Sun Center Dr. #200 Rancho Cordova, CA 95670	Project: Walker Mine Project Number: 10-026-150 Project Manager: Jeff Huggins	Date Reported: 07/25/11 11:47
--	---	----------------------------------

**WM-5  
1106070-07 (Water)**

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
---------	--------	-----------------	-------	-------	---------------	---------------	--------	-------

**Ion Chromatography**

Chloride	0.7	0.5	mg/L	AUF0117	06/07/11	06/07/11	EPA 300.0	
Sulfate as SO4	0.9	0.5	"	"	"	"	"	

Excelchem Environmental Lab.

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*



Laboratory Representative

**Excelchem Environmental Labs**

RWQC Central Valley 11020 Sun Center Dr. #200 Rancho Cordova, CA 95670	Project: Walker Mine Project Number: 10-026-150 Project Manager: Jeff Huggins	Date Reported: 07/25/11 11:47
--	---	----------------------------------

**WM-1  
1106070-08 (Water)**

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
<b>Metals by 200 series</b>								
Dissolved Aluminum	78.8	50.0	ug/l	AUF0201	06/10/11	07/20/11	EPA 200.7	
Aluminum	ND	50.0	"	AUF0292	06/09/11	07/20/11	"	
Dissolved Arsenic	ND	10.0	"	AUF0201	06/10/11	07/20/11	"	
Arsenic	ND	10.0	"	AUF0292	06/09/11	07/18/11	"	
Dissolved Cadmium	ND	5.0	"	AUF0201	06/10/11	07/20/11	"	
Cadmium	ND	5.0	"	AUF0292	06/09/11	07/18/11	"	
Calcium	13500	100	"	"	"	"	"	
Dissolved Copper	102	5.0	"	AUF0201	06/10/11	07/20/11	"	
Copper	99.6	5.0	"	AUF0292	06/09/11	07/18/11	"	
Dissolved Iron	46.1	20.0	"	AUF0201	06/10/11	07/20/11	"	
Iron	49.2	20.0	"	AUF0292	06/09/11	07/20/11	"	
Magnesium	5030	50.0	"	"	"	07/18/11	"	
Potassium	883	100	"	"	"	"	"	
Sodium	4710	200	"	"	"	"	"	
Dissolved Zinc	78.9	10.0	"	AUF0201	06/10/11	07/20/11	"	
Zinc	62.7	10.0	"	AUF0292	06/09/11	07/20/11	"	
<b>Wet Chemistry</b>								
Total Alkalinity	60.0	5.00	mg/L	AUF0193	06/15/11	06/15/11	SM2320B	
Bicarbonate Alkalinity	60.0	5.00	"	"	"	"	"	
Carbonate Alkalinity	ND	5.00	"	"	"	"	"	
Specific Conductance (EC)	116	5.00	uS/cm	AUF0090	06/06/11	06/06/11	EPA 120.1	
Hydroxide Alkalinity	ND	5.00	mg/L	AUF0193	06/15/11	06/15/11	SM2320B	
pH	6.87	0.100	pH Units	AUF0088	06/03/11	06/03/11	SM 4500-H+ B	Field
Total Dissolved Solids	96.0	15.0	mg/L	AUF0141	06/07/11	06/13/11	SM 2540C	
Total Hardness	50.0	5.00	"	AUF0192	06/13/11	06/13/11	SM2340B	

Excelchem Environmental Lab.

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*



Laboratory Representative

**Excelchem Environmental Labs**

RWQC Central Valley  
11020 Sun Center Dr. #200  
Rancho Cordova, CA 95670

Project: Walker Mine  
Project Number: 10-026-150  
Project Manager: Jeff Huggins

Date Reported:  
07/25/11 11:47

**WM-1  
1106070-08 (Water)**

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
---------	--------	-----------------	-------	-------	---------------	---------------	--------	-------

**Ion Chromatography**

Chloride	0.7	0.5	mg/L	AUF0117	06/07/11	06/07/11	EPA 300.0	
Sulfate as SO4	1.6	0.5	"	"	"	"	"	

Excelchem Environmental Lab.



Laboratory Representative

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

**Excelchem Environmental Labs**

RWQC Central Valley 11020 Sun Center Dr. #200 Rancho Cordova, CA 95670	Project: Walker Mine Project Number: 10-026-150 Project Manager: Jeff Huggins	Date Reported: 07/25/11 11:47
--	---	----------------------------------

**WM-2  
1106070-09 (Water)**

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
<b>Metals by 200 series</b>								
Dissolved Aluminum	ND	50.0	ug/l	AUF0201	06/10/11	07/20/11	EPA 200.7	
Aluminum	ND	50.0	"	AUF0292	06/09/11	07/20/11	"	
Dissolved Arsenic	ND	10.0	"	AUF0201	06/10/11	07/20/11	"	
Arsenic	ND	10.0	"	AUF0292	06/09/11	07/18/11	"	
Dissolved Cadmium	ND	5.0	"	AUF0201	06/10/11	07/20/11	"	
Cadmium	ND	5.0	"	AUF0292	06/09/11	07/18/11	"	
Calcium	14900	100	"	"	"	"	"	
Dissolved Copper	14.0	5.0	"	AUF0201	06/10/11	07/20/11	"	
Copper	ND	5.0	"	AUF0292	06/09/11	07/18/11	"	
Dissolved Iron	35.5	20.0	"	AUF0201	06/10/11	07/20/11	"	
Iron	63.0	20.0	"	AUF0292	06/09/11	07/20/11	"	
Magnesium	7100	50.0	"	"	"	07/18/11	"	
Potassium	912	100	"	"	"	"	"	
Sodium	2920	200	"	"	"	"	"	
Dissolved Zinc	ND	10.0	"	AUF0201	06/10/11	07/20/11	"	
Zinc	ND	10.0	"	AUF0292	06/09/11	07/20/11	"	
<b>Wet Chemistry</b>								
Total Alkalinity	70.0	5.00	mg/L	AUF0193	06/15/11	06/15/11	SM2320B	
Bicarbonate Alkalinity	70.0	5.00	"	"	"	"	"	
Carbonate Alkalinity	ND	5.00	"	"	"	"	"	
Specific Conductance (EC)	129	5.00	uS/cm	AUF0090	06/06/11	06/06/11	EPA 120.1	
Hydroxide Alkalinity	ND	5.00	mg/L	AUF0193	06/15/11	06/15/11	SM2320B	
pH	7.47	0.100	pH Units	AUF0088	06/03/11	06/03/11	SM 4500-H+ B	Field
Total Dissolved Solids	83.0	15.0	mg/L	AUF0141	06/07/11	06/13/11	SM 2540C	
Total Hardness	60.0	5.00	"	AUF0192	06/13/11	06/13/11	SM2340B	

Excelchem Environmental Lab.



Laboratory Representative

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

**Excelchem Environmental Labs**

RWQC Central Valley  
 11020 Sun Center Dr. #200  
 Rancho Cordova, CA 95670

Project: Walker Mine  
 Project Number: 10-026-150  
 Project Manager: Jeff Huggins

Date Reported:  
 07/25/11 11:47

**WM-2  
 1106070-09 (Water)**

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
---------	--------	-----------------	-------	-------	---------------	---------------	--------	-------

**Ion Chromatography**

Chloride	0.6	0.5	mg/L	AUF0117	06/07/11	06/07/11	EPA 300.0	
Sulfate as SO4	0.9	0.5	"	"	"	"	"	

Excelchem Environmental Lab.



Laboratory Representative

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

**Excelchem Environmental Labs**

RWQC Central Valley  
11020 Sun Center Dr. #200  
Rancho Cordova, CA 95670

Project: Walker Mine  
Project Number: 10-026-150  
Project Manager: Jeff Huggins

Date Reported:  
07/25/11 11:47

**WM-7A  
1106070-10 (Water)**

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
<b>Metals by 200 series</b>								
Dissolved Aluminum	110	50.0	ug/l	AUF0201	06/10/11	07/20/11	EPA 200.7	
Aluminum	107	50.0	"	AUF0292	06/09/11	07/20/11	"	
Dissolved Arsenic	ND	10.0	"	AUF0201	06/10/11	07/20/11	"	
Arsenic	ND	10.0	"	AUF0292	06/09/11	07/18/11	"	
Dissolved Cadmium	ND	5.0	"	AUF0201	06/10/11	07/20/11	"	
Cadmium	ND	5.0	"	AUF0292	06/09/11	07/18/11	"	
Calcium	9730	100	"	"	"	"	"	
Dissolved Copper	47.9	5.0	"	AUF0201	06/10/11	07/20/11	"	
Copper	49.9	5.0	"	AUF0292	06/09/11	07/18/11	"	
Dissolved Iron	108	20.0	"	AUF0201	06/10/11	07/20/11	"	
Iron	157	20.0	"	AUF0292	06/09/11	07/20/11	"	
Magnesium	4120	50.0	"	"	"	07/18/11	"	
Potassium	936	100	"	"	"	"	"	
Sodium	2750	200	"	"	"	"	"	
Dissolved Zinc	12.3	10.0	"	AUF0201	06/10/11	07/20/11	"	
Zinc	ND	10.0	"	AUF0292	06/09/11	07/20/11	"	
<b>Wet Chemistry</b>								
Total Alkalinity	46.0	5.00	mg/L	AUF0193	06/15/11	06/15/11	SM2320B	
Bicarbonate Alkalinity	46.0	5.00	"	"	"	"	"	
Carbonate Alkalinity	ND	5.00	"	"	"	"	"	
Specific Conductance (EC)	86.5	5.00	uS/cm	AUF0090	06/06/11	06/06/11	EPA 120.1	
Hydroxide Alkalinity	ND	5.00	mg/L	AUF0193	06/15/11	06/15/11	SM2320B	
pH	7.72	0.100	pH Units	AUF0088	06/03/11	06/03/11	SM 4500-H+ B	Field
Total Dissolved Solids	66.0	15.0	mg/L	AUF0141	06/07/11	06/13/11	SM 2540C	
Total Hardness	36.0	5.00	"	AUF0192	06/13/11	06/13/11	SM2340B	

Excelchem Environmental Lab.



Laboratory Representative

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

**Excelchem Environmental Labs**

RWQC Central Valley 11020 Sun Center Dr. #200 Rancho Cordova, CA 95670	Project: Walker Mine Project Number: 10-026-150 Project Manager: Jeff Huggins	Date Reported: 07/25/11 11:47
--	---	----------------------------------

**WM-7A  
1106070-10 (Water)**

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
<b>Ion Chromatography</b>								
Chloride	0.5	0.5	mg/L	AUF0117	06/07/11	06/07/11	EPA 300.0	
Sulfate as SO4	2.2	0.5	"	"	"	"	"	

Excelchem Environmental Lab.

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*



\_\_\_\_\_  
Laboratory Representative

**Excelchem Environmental Labs**

RWQC Central Valley 11020 Sun Center Dr. #200 Rancho Cordova, CA 95670	Project: Walker Mine Project Number: 10-026-150 Project Manager: Jeff Huggins	Date Reported: 07/25/11 11:47
--	---	----------------------------------

**WM-7B  
1106070-11 (Water)**

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
<b>Metals by 200 series</b>								
Dissolved Aluminum	96.9	50.0	ug/l	AUF0201	06/10/11	07/20/11	EPA 200.7	
Aluminum	ND	50.0	"	AUF0291	06/09/11	07/18/11	"	
Dissolved Arsenic	ND	10.0	"	AUF0201	06/10/11	07/20/11	"	
Arsenic	ND	10.0	"	AUF0291	06/09/11	07/18/11	"	
Dissolved Cadmium	ND	5.0	"	AUF0201	06/10/11	07/20/11	"	
Cadmium	ND	25.0	"	AUF0291	06/09/11	07/14/11	"	R-07
Calcium	8480	100	"	"	"	07/15/11	"	
Dissolved Copper	51.8	5.0	"	AUF0201	06/10/11	07/20/11	"	
Copper	44.9	5.0	"	AUF0291	06/09/11	07/07/11	"	
Dissolved Iron	121	20.0	"	AUF0201	06/10/11	07/20/11	"	
Iron	145	20.0	"	AUF0291	06/09/11	07/07/11	"	
Magnesium	3560	50.0	"	"	"	07/15/11	"	
Potassium	1080	100	"	"	"	07/18/11	"	
Sodium	2470	200	"	"	"	07/15/11	"	
Dissolved Zinc	12.8	10.0	"	AUF0201	06/10/11	07/20/11	"	
Zinc	ND	50.0	"	AUF0291	06/09/11	07/14/11	"	R-07
<b>Wet Chemistry</b>								
Total Alkalinity	42.0	5.00	mg/L	AUF0193	06/15/11	06/15/11	SM2320B	
Bicarbonate Alkalinity	42.0	5.00	"	"	"	"	"	
Carbonate Alkalinity	ND	5.00	"	"	"	"	"	
Specific Conductance (EC)	85.2	5.00	uS/cm	AUF0090	06/06/11	06/06/11	EPA 120.1	
Hydroxide Alkalinity	ND	5.00	mg/L	AUF0193	06/15/11	06/15/11	SM2320B	
pH	7.75	0.100	pH Units	AUF0088	06/03/11	06/03/11	SM 4500-H+ B	Field
Total Dissolved Solids	68.0	15.0	mg/L	AUF0141	06/07/11	06/13/11	SM 2540C	
Total Hardness	38.0	5.00	"	AUF0192	06/13/11	06/13/11	SM2340B	

Excelchem Environmental Lab.



Laboratory Representative

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*



**Excelchem Environmental Labs**

RWQC Central Valley 11020 Sun Center Dr, #200 Rancho Cordova, CA 95670	Project: Walker Mine Project Number: 10-026-150 Project Manager: Jeff Huggins	Date Reported: 07/25/11 11:47
--	---	----------------------------------

**WM-7B  
1106070-11 (Water)**

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
---------	--------	-----------------	-------	-------	---------------	---------------	--------	-------

**Ion Chromatography**

Chloride	1.6	0.5	mg/L	AUF0117	06/07/11	06/07/11	EPA 300.0	
Sulfate as SO4	2.5	0.5	"	"	"	"	"	

Excelchem Environmental Lab.



\_\_\_\_\_  
Laboratory Representative

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

**Excelchem Environmental Labs**

RWQC Central Valley  
11020 Sun Center Dr. #200  
Rancho Cordova, CA 95670

Project: Walker Mine  
Project Number: 10-026-150  
Project Manager: Jeff Huggins

Date Reported:  
07/25/11 11:47

**WM-7C  
1106070-12 (Water)**

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
<b>Metals by 200 series</b>								
Dissolved Aluminum	ND	50.0	ug/l	AUF0201	06/10/11	07/20/11	EPA 200.7	
<b>Aluminum</b>	<b>148</b>	50.0	"	AUF0291	06/09/11	07/18/11	"	
Dissolved Arsenic	ND	10.0	"	AUF0201	06/10/11	07/20/11	"	
Arsenic	ND	10.0	"	AUF0291	06/09/11	07/18/11	"	
Dissolved Cadmium	ND	5.0	"	AUF0201	06/10/11	07/20/11	"	
Cadmium	ND	25.0	"	AUF0291	06/09/11	07/14/11	"	R-07
<b>Calcium</b>	<b>6320</b>	100	"	"	"	07/15/11	"	
<b>Dissolved Copper</b>	<b>12.3</b>	5.0	"	AUF0201	06/10/11	07/20/11	"	
<b>Copper</b>	<b>5.8</b>	5.0	"	AUF0291	06/09/11	07/07/11	"	
<b>Dissolved Iron</b>	<b>77.4</b>	20.0	"	AUF0201	06/10/11	07/20/11	"	
<b>Iron</b>	<b>156</b>	20.0	"	AUF0291	06/09/11	07/07/11	"	
<b>Magnesium</b>	<b>2050</b>	50.0	"	"	"	07/15/11	"	
<b>Potassium</b>	<b>710</b>	100	"	"	"	07/18/11	"	
<b>Sodium</b>	<b>2600</b>	200	"	"	"	07/15/11	"	
Dissolved Zinc	ND	10.0	"	AUF0201	06/10/11	07/20/11	"	
Zinc	ND	50.0	"	AUF0291	06/09/11	07/14/11	"	R-07
<b>Wet Chemistry</b>								
<b>Total Alkalinity</b>	<b>32.0</b>	5.00	mg/L	AUF0193	06/15/11	06/15/11	SM2320B	
<b>Bicarbonate Alkalinity</b>	<b>32.0</b>	5.00	"	"	"	"	"	
Carbonate Alkalinity	ND	5.00	"	"	"	"	"	
<b>Specific Conductance (EC)</b>	<b>59.1</b>	5.00	uS/cm	AUF0090	06/06/11	06/06/11	EPA 120.1	
Hydroxide Alkalinity	ND	5.00	mg/L	AUF0193	06/15/11	06/15/11	SM2320B	
<b>pH</b>	<b>7.49</b>	0.100	pH Units	AUF0088	06/03/11	06/03/11	SM 4500-H+ B	Field
<b>Total Dissolved Solids</b>	<b>52.0</b>	15.0	mg/L	AUF0141	06/07/11	06/13/11	SM 2540C	
<b>Total Hardness</b>	<b>24.0</b>	5.00	"	AUF0192	06/13/11	06/13/11	SM2340B	

Excelchem Environmental Lab.

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*



Laboratory Representative

**Excelchem Environmental Labs**

RWQC Central Valley  
11020 Sun Center Dr. #200  
Rancho Cordova, CA 95670

Project: Walker Mine  
Project Number: 10-026-150  
Project Manager: Jeff Huggins

Date Reported:  
07/25/11 11:47

**WM-7C**  
**1106070-12 (Water)**

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
---------	--------	-----------------	-------	-------	---------------	---------------	--------	-------

**Ion Chromatography**

Chloride	0.5	0.5	mg/L	AUF0117	06/07/11	06/07/11	EPA 300.0	
Sulfate as SO4	1.4	.5	"	"	"	"	"	

Excelchem Environmental Lab.

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*



Laboratory Representative

**Excelchem Environmental Labs**

RWQC Central Valley  
11020 Sun Center Dr. #200  
Rancho Cordova, CA 95670

Project: Walker Mine  
Project Number: 10-026-150  
Project Manager: Jeff Huggins

Date Reported:  
07/25/11 11:47

**WM-6  
1106070-13 (Water)**

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
<b>Metals by 200 series</b>								
Dissolved Aluminum	ND	50.0	ug/l	AUF0201	06/10/11	07/20/11	EPA 200.7	
Aluminum	ND	50.0	"	AUF0291	06/09/11	07/18/11	"	
Dissolved Arsenic	ND	10.0	"	AUF0201	06/10/11	07/20/11	"	
Arsenic	ND	10.0	"	AUF0291	06/09/11	07/18/11	"	
Dissolved Cadmium	ND	5.0	"	AUF0201	06/10/11	07/20/11	"	
Cadmium	ND	25.0	"	AUF0291	06/09/11	07/14/11	"	R-07
Calcium	15900	100	"	"	"	07/15/11	"	
Dissolved Copper	497	5.0	"	AUF0201	06/10/11	07/20/11	"	
Copper	876	5.0	"	AUF0291	06/09/11	07/07/11	"	
Dissolved Iron	59.7	20.0	"	AUF0201	06/10/11	07/20/11	"	
Iron	395	20.0	"	AUF0291	06/09/11	07/07/11	"	
Magnesium	2440	50.0	"	"	"	07/15/11	"	
Potassium	1890	100	"	"	"	07/18/11	"	
Sodium	3960	200	"	"	"	07/15/11	"	
Dissolved Zinc	144	10.0	"	AUF0201	06/10/11	07/20/11	"	
Zinc	196	50.0	"	AUF0291	06/09/11	07/14/11	"	R-07
<b>Wet Chemistry</b>								
Total Alkalinity	30.0	5.00	mg/L	AUF0193	06/15/11	06/15/11	SM2320B	
Bicarbonate Alkalinity	30.0	5.00	"	"	"	"	"	
Carbonate Alkalinity	ND	5.00	"	"	"	"	"	
Specific Conductance (EC)	134	5.00	uS/cm	AUF0090	06/06/11	06/06/11	EPA 120.1	
Hydroxide Alkalinity	ND	5.00	mg/L	AUF0193	06/15/11	06/15/11	SM2320B	
pH	7.14	0.100	pH Units	AUF0088	06/03/11	06/03/11	SM 4500-H+ B	Field
Total Dissolved Solids	104	15.0	mg/L	AUF0141	06/07/11	06/13/11	SM 2540C	
Total Hardness	114	5.00	"	AUF0192	06/13/11	06/13/11	SM2340B	

Excelchem Environmental Lab.



Laboratory Representative

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

**Excelchem Environmental Labs**

RWQC Central Valley  
 11020 Sun Center Dr. #200  
 Rancho Cordova, CA 95670

Project: Walker Mine  
 Project Number: 10-026-150  
 Project Manager: Jeff Huggins

Date Reported:  
 07/25/11 11:47

**WM-6  
 1106070-13 (Water)**

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
---------	--------	-----------------	-------	-------	---------------	---------------	--------	-------

**Ion Chromatography**

Chloride	0.9	0.5	mg/L	AUF0117	06/07/11	06/07/11	EPA 300.0	
Sulfate as SO4	30.5	0.5	"	"	"	"	"	

Excelchem Environmental Lab.

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*



\_\_\_\_\_  
 Laboratory Representative

**Excelchem Environmental Labs**

RWQC Central Valley  
11020 Sun Center Dr. #200  
Rancho Cordova, CA 95670

Project: Walker Mine  
Project Number: 10-026-150  
Project Manager: Jeff Huggins

Date Reported:  
07/25/11 11:47

**WM-20  
1106070-14 (Water)**

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
<b>Metals by 200 series</b>								
Dissolved Aluminum	ND	50.0	ug/l	AUF0201	06/10/11	07/20/11	EPA 200.7	
<b>Aluminum</b>	<b>120</b>	50.0	"	AUF0291	06/09/11	07/18/11	"	
Dissolved Arsenic	ND	10.0	"	AUF0201	06/10/11	07/20/11	"	
Arsenic	ND	10.0	"	AUF0291	06/09/11	07/18/11	"	
Dissolved Cadmium	ND	5.0	"	AUF0201	06/10/11	07/20/11	"	
Cadmium	ND	25.0	"	AUF0291	06/09/11	07/14/11	"	R-07
<b>Calcium</b>	<b>6690</b>	100	"	"	"	07/15/11	"	
<b>Dissolved Copper</b>	<b>16.6</b>	5.0	"	AUF0201	06/10/11	07/20/11	"	
<b>Copper</b>	<b>10.8</b>	5.0	"	AUF0291	06/09/11	07/07/11	"	
<b>Dissolved Iron</b>	<b>50.5</b>	20.0	"	AUF0201	06/10/11	07/20/11	"	
<b>Iron</b>	<b>103</b>	20.0	"	AUF0291	06/09/11	07/07/11	"	
<b>Magnesium</b>	<b>2010</b>	50.0	"	"	"	07/15/11	"	
<b>Potassium</b>	<b>815</b>	100	"	"	"	07/18/11	"	
<b>Sodium</b>	<b>2830</b>	200	"	"	"	07/15/11	"	
Dissolved Zinc	ND	10.0	"	AUF0201	06/10/11	07/20/11	"	
Zinc	ND	50.0	"	AUF0291	06/09/11	07/14/11	"	R-07
<b>Wet Chemistry</b>								
<b>Total Alkalinity</b>	<b>32.0</b>	5.00	mg/L	AUF0193	06/15/11	06/15/11	SM2320B	
<b>Bicarbonate Alkalinity</b>	<b>32.0</b>	5.00	"	"	"	"	"	
Carbonate Alkalinity	ND	5.00	"	"	"	"	"	
<b>Specific Conductance (EC)</b>	<b>58.4</b>	5.00	uS/cm	AUF0090	06/06/11	06/06/11	EPA 120.1	
Hydroxide Alkalinity	ND	5.00	mg/L	AUF0193	06/15/11	06/15/11	SM2320B	
<b>pH</b>	<b>7.63</b>	0.100	pH Units	AUF0088	06/03/11	06/03/11	SM 4500-H+ B	Field
<b>Total Dissolved Solids</b>	<b>56.0</b>	15.0	mg/L	AUF0141	06/07/11	06/13/11	SM 2540C	
<b>Total Hardness</b>	<b>26.0</b>	5.00	"	AUF0192	06/13/11	06/13/11	SM2340B	

Excelchem Environmental Lab.



Laboratory Representative

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

**Excelchem Environmental Labs**

RWQC Central Valley  
 11020 Sun Center Dr. #200  
 Rancho Cordova, CA 95670

Project: Walker Mine  
 Project Number: 10-026-150  
 Project Manager: Jeff Huggins

Date Reported:  
 07/25/11 11:47

**WM-20**  
**1106070-14 (Water)**

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
---------	--------	-----------------	-------	-------	---------------	---------------	--------	-------

**Ion Chromatography**

Chloride	1.2	0.5	mg/L	AUF0117	06/07/11	06/07/11	EPA 300.0	
Sulfate as SO4	1.4	0.5	"	"	"	"	"	

Excelchem Environmental Lab.

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*



\_\_\_\_\_  
 Laboratory Representative

**Excelchem Environmental Labs**

RWQC Central Valley  
11020 Sun Center Dr. #200  
Rancho Cordova, CA 95670

Project: Walker Mine  
Project Number: 10-026-150  
Project Manager: Jeff Huggins

Date Reported:  
07/25/11 11:47

**Metals by 200 series - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

**Batch AUF0201 - EPA 200.7**

**Blank (AUF0201-BLK1)**

Prepared: 06/10/11 Analyzed: 07/20/11

Dissolved Aluminum	ND	50.0	ug/l							
Dissolved Arsenic	ND	10.0	"							
Dissolved Cadmium	ND	5.0	"							
Dissolved Copper	ND	5.0	"							
Dissolved Iron	ND	20.0	"							
Dissolved Zinc	ND	10.0	"							

**Blank (AUF0201-BLK2)**

Prepared: 06/10/11 Analyzed: 07/20/11

Dissolved Aluminum	ND	50.0	ug/l							
Dissolved Arsenic	ND	10.0	"							
Dissolved Cadmium	ND	5.0	"							
Dissolved Copper	ND	5.0	"							
Dissolved Iron	ND	20.0	"							
Dissolved Zinc	ND	10.0	"							

**LCS (AUF0201-BS1)**

Prepared: 06/10/11 Analyzed: 07/20/11

Dissolved Aluminum	1040	50.0	ug/l	1000		104	85-115			
Dissolved Arsenic	981	10.0	"	1000		98.1	85-115			
Dissolved Cadmium	1060	5.0	"	1000		106	85-115			
Dissolved Copper	1040	5.0	"	1000		104	85-115			
Dissolved Iron	1100	20.0	"	1000		110	85-115			
Dissolved Zinc	1020	10.0	"	1000		102	85-115			

**LCS (AUF0201-BS2)**

Prepared: 06/10/11 Analyzed: 07/20/11

Dissolved Aluminum	987	50.0	ug/l	1000		98.7	85-115			
Dissolved Arsenic	930	10.0	"	1000		93.0	85-115			
Dissolved Cadmium	942	5.0	"	1000		94.2	85-115			
Dissolved Copper	920	5.0	"	1000		92.0	85-115			
Dissolved Iron	1000	20.0	"	1000		100	85-115			
Dissolved Zinc	913	10.0	"	1000		91.3	85-115			

Excelchem Environmental Lab.

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*



Laboratory Representative



**Excelchem Environmental Labs**

RWQC Central Valley  
11020 Sun Center Dr. #200  
Rancho Cordova, CA 95670

Project: Walker Mine  
Project Number: 10-026-150  
Project Manager: Jeff Huggins

Date Reported:  
07/25/11 11:47

**Metals by 200 series - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch AUF0201 - EPA 200.7</b>										
<b>LCS Dup (AUF0201-BSD1)</b>				Prepared: 06/10/11 Analyzed: 07/20/11						
Dissolved Aluminum	1000	50.0	ug/l	1000	100	85-115	3.05	20		
Dissolved Arsenic	1040	10.0	"	1000	104	85-115	6.16	20		
Dissolved Cadmium	1030	5.0	"	1000	103	85-115	2.34	20		
Dissolved Copper	1050	5.0	"	1000	105	85-115	1.24	20		
Dissolved Iron	1100	20.0	"	1000	110	85-115	0.825	20		
Dissolved Zinc	1020	10.0	"	1000	102	85-115	0.505	20		
<b>LCS Dup (AUF0201-BSD2)</b>				Prepared: 06/10/11 Analyzed: 07/20/11						
Dissolved Aluminum	1030	50.0	ug/l	1000	103	85-115	3.87	20		
Dissolved Arsenic	985	10.0	"	1000	98.5	85-115	5.73	20		
Dissolved Cadmium	1010	5.0	"	1000	101	85-115	6.96	20		
Dissolved Copper	1050	5.0	"	1000	105	85-115	13.0	20		
Dissolved Iron	1080	20.0	"	1000	108	85-115	7.26	20		
Dissolved Zinc	1010	10.0	"	1000	101	85-115	10.5	20		
<b>Matrix Spike (AUF0201-MS1)</b>				Source: 1106070-03		Prepared: 06/10/11 Analyzed: 07/20/11				
Dissolved Aluminum	1210	50.0	ug/l	1000	48.0	116	75-125			
Dissolved Arsenic	1100	10.0	"	1000	ND	110	75-125			
Dissolved Cadmium	1030	5.0	"	1000	ND	103	75-125			
Dissolved Copper	1100	5.0	"	1000	26.8	107	75-125			
Dissolved Iron	1210	20.0	"	1000	106	110	75-125			
Dissolved Zinc	1020	10.0	"	1000	8.62	101	75-125			
<b>Matrix Spike (AUF0201-MS2)</b>				Source: 1106070-09		Prepared: 06/10/11 Analyzed: 07/20/11				
Dissolved Aluminum	1160	50.0	ug/l	1000	ND	116	75-125			
Dissolved Arsenic	1090	10.0	"	1000	ND	109	75-125			
Dissolved Cadmium	1030	5.0	"	1000	ND	103	75-125			
Dissolved Copper	1090	5.0	"	1000	14.0	107	75-125			
Dissolved Iron	1170	20.0	"	1000	35.5	113	75-125			
Dissolved Zinc	1010	10.0	"	1000	5.08	101	75-125			

Excelchem Environmental Lab.

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*



Laboratory Representative

**Excelchem Environmental Labs**

RWQC Central Valley  
11020 Sun Center Dr. #200  
Rancho Cordova, CA 95670

Project: Walker Mine  
Project Number: 10-026-150  
Project Manager: Jeff Huggins

Date Reported:  
07/25/11 11:47

**Metals by 200 series - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

**Batch AUF0201 - EPA 200.7**

**Matrix Spike Dup (AUF0201-MSD1)**

Source: 1106070-03

Prepared: 06/10/11 Analyzed: 07/20/11

Dissolved Aluminum	1060	50.0	ug/l	1000	48.0	101	75-125	13.3	25	
Dissolved Arsenic	983	10.0	"	1000	ND	98.3	75-125	11.1	25	
Dissolved Cadmium	957	5.0	"	1000	ND	95.7	75-125	7.76	25	
Dissolved Copper	1020	5.0	"	1000	26.8	99.8	75-125	6.97	25	
Dissolved Iron	1110	20.0	"	1000	106	101	75-125	8.37	25	
Dissolved Zinc	920	10.0	"	1000	8.62	91.2	75-125	10.6	25	

**Matrix Spike Dup (AUF0201-MSD2)**

Source: 1106070-09

Prepared: 06/10/11 Analyzed: 07/20/11

Dissolved Aluminum	1160	50.0	ug/l	1000	ND	116	75-125	0.653	25	
Dissolved Arsenic	1090	10.0	"	1000	ND	109	75-125	0.303	25	
Dissolved Cadmium	1040	5.0	"	1000	ND	104	75-125	1.05	25	
Dissolved Copper	1070	5.0	"	1000	14.0	105	75-125	1.92	25	
Dissolved Iron	1130	20.0	"	1000	35.5	110	75-125	3.24	25	
Dissolved Zinc	1060	10.0	"	1000	5.08	105	75-125	4.70	25	

**Batch AUF0291 - EPA 200.7**

**Blank (AUF0291-BLK1)**

Prepared: 06/09/11 Analyzed: 07/18/11

Aluminum	ND	50.0	ug/l							
Arsenic	ND	10.0	"							
Cadmium	ND	5.0	"							
Calcium	ND	100	"							
Copper	ND	5.0	"							
Iron	ND	20.0	"							
Magnesium	ND	50.0	"							
Potassium	ND	100	"							
Sodium	ND	200	"							
Zinc	ND	10.0	"							

Excelchem Environmental Lab.

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*



Laboratory Representative

**Excelchem Environmental Labs**

RWQC Central Valley  
11020 Sun Center Dr. #200  
Rancho Cordova, CA 95670

Project: Walker Mine  
Project Number: 10-026-150  
Project Manager: Jeff Huggins

Date Reported:  
07/25/11 11:47

**Metals by 200 series - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

**Batch AUF0291 - EPA 200.7**

**LCS (AUF0291-BS1)**

Prepared: 06/09/11 Analyzed: 07/18/11

Aluminum	872	50.0	ug/l	1000		87.2	85-115			
Arsenic	1090	10.0	"	1000		109	85-115			
Cadmium	969	5.0	"	1000		96.9	85-115			
Calcium	867	100	"	1000		86.7	85-115			
Copper	1110	5.0	"	1000		111	85-115			
Iron	1030	20.0	"	1000		103	85-115			
Magnesium	1040	50.0	"	1000		104	85-115			
Potassium	10800	100	"	10000		108	85-115			
Sodium	961	200	"	1000		96.1	85-115			
Zinc	1090	10.0	"	1000		109	85-115			

**LCS Dup (AUF0291-BS1)**

Prepared: 06/09/11 Analyzed: 07/18/11

Aluminum	911	50.0	ug/l	1000		91.1	85-115	4.34	20	
Arsenic	1090	10.0	"	1000		109	85-115	0.104	20	
Cadmium	1110	5.0	"	1000		111	85-115	13.5	20	
Calcium	888	100	"	1000		88.8	85-115	2.35	20	
Copper	1120	5.0	"	1000		112	85-115	1.55	20	
Iron	1030	20.0	"	1000		103	85-115	0.600	20	
Magnesium	1050	50.0	"	1000		105	85-115	0.181	20	
Potassium	10900	100	"	10000		109	85-115	0.884	20	
Sodium	978	200	"	1000		97.8	85-115	1.70	20	
Zinc	1020	10.0	"	1000		102	85-115	6.07	20	

**Matrix Spike (AUF0291-MS1)**

Source: 1106076-02

Prepared: 06/09/11 Analyzed: 07/18/11

Arsenic	1110	10.0	ug/l	1000	ND	111	75-125			
Cadmium	1220	5.0	"	1000	7.30	122	75-125			
Calcium	546000	100	"	1000	584000	NR	75-125			QL-01
Copper	1050	5.0	"	1000	2.06	104	75-125			
Iron	7970	20.0	"	1000	7090	87.7	75-125			
Magnesium	107000	50.0	"	1000	95600	NR	75-125			QL-01
Potassium	192000	100	"	10000	172000	204	75-125			QL-01
Sodium	596000	200	"	1000	613000	NR	75-125			QL-01
Zinc	6820	10.0	"	1000	81.7	673	75-125			QL-01

Excelchem Environmental Lab.

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*



Laboratory Representative

**Excelchem Environmental Labs**

RWQC Central Valley  
11020 Sun Center Dr. #200  
Rancho Cordova, CA 95670

Project: Walker Mine  
Project Number: 10-026-150  
Project Manager: Jeff Huggins

Date Reported:  
07/25/11 11:47

**Metals by 200 series - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

**Batch AUF0291 - EPA 200.7**

**Matrix Spike Dup (AUF0291-MSD1)**

Source: 1106076-02

Prepared: 06/09/11 Analyzed: 07/18/11

Arsenic	999	10.0	ug/l	1000	ND	99.9	75-125	10.3	25	
Cadmium	1190	5.0	"	1000	7.30	118	75-125	3.02	25	
Calcium	638000	100	"	1000	584000	NR	75-125	15.6	25	QL-01
Copper	1060	5.0	"	1000	2.06	106	75-125	1.12	25	
Iron	7690	20.0	"	1000	7090	59.7	75-125	3.58	25	QL-01
Magnesium	92800	50.0	"	1000	95600	NR	75-125	14.2	25	QL-01
Potassium	178000	100	"	10000	172000	60.2	75-125	7.75	25	QL-01
Sodium	661000	200	"	1000	613000	NR	75-125	10.4	25	QL-01
Zinc	6490	10.0	"	1000	81.7	641	75-125	4.85	25	QL-01

**Batch AUF0292 - EPA 200.7**

**Blank (AUF0292-BLK1)**

Prepared: 06/09/11 Analyzed: 07/19/11

Aluminum	ND	50.0	ug/l							
Arsenic	ND	10.0	"							
Cadmium	ND	5.0	"							
Calcium	ND	100	"							
Copper	ND	5.0	"							
Iron	ND	20.0	"							
Magnesium	ND	50.0	"							
Potassium	ND	100	"							
Sodium	ND	200	"							
Zinc	ND	10.0	"							

**LCS (AUF0292-BS1)**

Prepared: 06/09/11 Analyzed: 07/20/11

Aluminum	883	50.0	ug/l	1000		88.3	85-115			
Arsenic	1060	10.0	"	1000		106	85-115			
Cadmium	1050	5.0	"	1000		105	85-115			
Calcium	1090	100	"	1000		109	85-115			
Copper	1050	5.0	"	1000		105	85-115			
Iron	1010	20.0	"	1000		101	85-115			
Magnesium	1040	50.0	"	1000		104	85-115			
Potassium	10800	100	"	10000		108	85-115			
Sodium	1080	200	"	1000		108	85-115			
Zinc	929	10.0	"	1000		92.9	85-115			

Excelchem Environmental Lab.

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*



\_\_\_\_\_  
Laboratory Representative

**Excelchem Environmental Labs**

RWQC Central Valley 11020 Sun Center Dr. #200 Rancho Cordova, CA 95670	Project: Walker Mine Project Number: 10-026-150 Project Manager: Jeff Huggins	Date Reported: 07/25/11 11:47
--	---	----------------------------------

**Metals by 200 series - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

**Batch AUF0292 - EPA 200.7**

**LCS Dup (AUF0292-BSD1)**

Prepared: 06/09/11 Analyzed: 07/20/11

Aluminum	957	50.0	ug/l	1000		95.7	85-115	8.01	20	
Arsenic	1080	10.0	"	1000		108	85-115	2.05	20	
Cadmium	1070	5.0	"	1000		107	85-115	2.22	20	
Calcium	1090	100	"	1000		109	85-115	0.455	20	
Copper	1060	5.0	"	1000		106	85-115	0.771	20	
Iron	937	20.0	"	1000		93.7	85-115	7.98	20	
Magnesium	1040	50.0	"	1000		104	85-115	0.685	20	
Potassium	10700	100	"	10000		107	85-115	0.193	20	
Sodium	1120	200	"	1000		112	85-115	2.81	20	
Zinc	890	10.0	"	1000		89.0	85-115	4.37	20	

**Matrix Spike (AUF0292-MS1)**

Source: 1106070-01

Prepared: 06/09/11 Analyzed: 07/19/11

Aluminum	4280	50.0	ug/l	1000	3400	88.6	75-125			
Arsenic	870	10.0	"	1000	ND	87.0	75-125			
Cadmium	1100	5.0	"	1000	9.09	109	75-125			
Calcium	34300	100	"	1000	33200	107	75-125			
Copper	13200	5.0	"	1000	11900	131	75-125			QL-01
Iron	2190	20.0	"	1000	1090	111	75-125			
Magnesium	7180	50.0	"	1000	6140	105	75-125			
Potassium	12900	100	"	10000	2180	107	75-125			
Sodium	3570	200	"	1000	2760	80.8	75-125			
Zinc	1450	10.0	"	1000	621	83.2	75-125			

**Matrix Spike Dup (AUF0292-MSD1)**

Source: 1106070-01

Prepared: 06/09/11 Analyzed: 07/19/11

Aluminum	4230	50.0	ug/l	1000	3400	83.4	75-125	1.22	25	
Arsenic	1010	10.0	"	1000	ND	101	75-125	14.4	25	
Cadmium	1070	5.0	"	1000	9.09	106	75-125	2.75	25	
Calcium	34200	100	"	1000	33200	94.7	75-125	0.365	25	
Copper	12900	5.0	"	1000	11900	103	75-125	2.13	25	
Iron	1880	20.0	"	1000	1090	79.0	75-125	15.6	25	
Magnesium	7120	50.0	"	1000	6140	98.5	75-125	0.882	25	
Potassium	12800	100	"	10000	2180	106	75-125	0.866	25	
Sodium	3770	200	"	1000	2760	101	75-125	5.43	25	
Zinc	1430	10.0	"	1000	621	81.1	75-125	1.48	25	

Excelchem Environmental Lab.

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*



Laboratory Representative

**Excelchem Environmental Labs**

RWQC Central Valley  
11020 Sun Center Dr. #200  
Rancho Cordova, CA 95670

Project: Walker Mine  
Project Number: 10-026-150  
Project Manager: Jeff Huggins

Date Reported:  
07/25/11 11:47

**Wet Chemistry - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch AUF0088 - SM 4500-H+ B</b>										
<b>Duplicate (AUF0088-DUP1) Source: 1106060-01 Prepared &amp; Analyzed: 06/03/11</b>										
pH	7.45	0.100	pH Units		8.08			8.11	20	Field
<b>Batch AUF0090 - EPA 120.1</b>										
<b>Duplicate (AUF0090-DUP1) Source: 1106060-01 Prepared &amp; Analyzed: 06/06/11</b>										
Specific Conductance (EC)	706	5.00	uS/cm		706			0.00	20	
<b>Batch AUF0141 - SM 2540C</b>										
<b>Blank (AUF0141-BLK1) Prepared: 06/07/11 Analyzed: 06/13/11</b>										
Total Dissolved Solids	ND	15.0	mg/L							
<b>Duplicate (AUF0141-DUP1) Source: 1106070-14 Prepared: 06/07/11 Analyzed: 06/13/11</b>										
Total Dissolved Solids	57.0	15.0	mg/L		56.0			1.77	20	
<b>Batch AUF0192 - SM2340B</b>										
<b>Blank (AUF0192-BLK1) Prepared &amp; Analyzed: 06/13/11</b>										
Total Hardness	ND	5.00	mg/L							
<b>LCS (AUF0192-BS1) Prepared &amp; Analyzed: 06/13/11</b>										
Total Hardness	50.0	5.00	mg/L	50.0		100	80-120			
<b>LCS Dup (AUF0192-BSD1) Prepared &amp; Analyzed: 06/13/11</b>										
Total Hardness	54.0	5.00	mg/L	50.0		108	80-120	7.69	20	

Excelchem Environmental Lab.



Laboratory Representative

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

**Excelchem Environmental Labs**

RWQC Central Valley  
11020 Sun Center Dr. #200  
Rancho Cordova, CA 95670

Project: Walker Mine  
Project Number: 10-026-150  
Project Manager: Jeff Huggins

Date Reported:  
07/25/11 11:47

**Wet Chemistry - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch AUF0192 - SM2340B</b>										
<b>Duplicate (AUF0192-DUP1)</b>		<b>Source: 1106116-01</b>		<b>Prepared &amp; Analyzed: 06/13/11</b>						
Total Hardness	374	5.00	mg/L		346			7.78	20	
<b>Matrix Spike (AUF0192-MS1)</b>		<b>Source: 1106114-01</b>		<b>Prepared &amp; Analyzed: 06/18/11</b>						
Total Hardness	64.0	5.00	mg/L	50.0	12.0	104	75-125			
<b>Matrix Spike Dup (AUF0192-MSD1)</b>		<b>Source: 1106114-01</b>		<b>Prepared &amp; Analyzed: 06/18/11</b>						
Total Hardness	66.0	5.00	mg/L	50.0	12.0	108	75-125	3.08	20	
<b>Batch AUF0193 - SM2320B</b>										
<b>Blank (AUF0193-BLK1)</b>		<b>Prepared &amp; Analyzed: 06/15/11</b>								
Bicarbonate Alkalinity	ND	5.00	mg/L							
Carbonate Alkalinity	ND	5.00	"							
Hydroxide Alkalinity	ND	5.00	"							
Total Alkalinity	ND	5.00	"							
<b>LCS (AUF0193-BS1)</b>		<b>Prepared &amp; Analyzed: 06/15/11</b>								
Total Alkalinity	102	5.00	mg/L	100		102	80-120			
<b>LCS Dup (AUF0193-BSD1)</b>		<b>Prepared &amp; Analyzed: 06/15/11</b>								
Total Alkalinity	104	5.00	mg/L	100		104	80-120	1.94	20	
<b>Duplicate (AUF0193-DUP1)</b>		<b>Source: 1106073-02</b>		<b>Prepared &amp; Analyzed: 06/15/11</b>						
Bicarbonate Alkalinity	88.0	5.00	mg/L		86.0			2.30	20	
Carbonate Alkalinity	ND	5.00	"		ND				20	
Hydroxide Alkalinity	ND	5.00	"		ND				20	
Total Alkalinity	88.0	5.00	"		86.0			2.30	20	

Excelchem Environmental Lab.

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*



Laboratory Representative

**Excelchem Environmental Labs**

RWQC Central Valley  
 11020 Sun Center Dr. #200  
 Rancho Cordova, CA 95670

Project: Walker Mine  
 Project Number: 10-026-150  
 Project Manager: Jeff Huggins

Date Reported:  
 07/25/11 11:47

**Wet Chemistry - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch AUF0193 - SM2320B</b>										
<b>Matrix Spike (AUF0193-MS1)</b>		<b>Source: 1106070-04</b>			<b>Prepared &amp; Analyzed: 06/15/11</b>					
Total Alkalinity	110	5.00	mg/L	100	12.0	98.0	80-120			
<b>Matrix Spike Dup (AUF0193-MSD1)</b>		<b>Source: 1106070-04</b>			<b>Prepared &amp; Analyzed: 06/15/11</b>					
Total Alkalinity	108	5.00	mg/L	100	12.0	96.0	80-120	1.83	20	

Excelchem Environmental Lab.



Laboratory Representative

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*



**Excelchem Environmental Labs**

RWQC Central Valley  
11020 Sun Center Dr. #200  
Rancho Cordova, CA 95670

Project: Walker Mine  
Project Number: 10-026-150  
Project Manager: Jeff Huggins

Date Reported:  
07/25/11 11:47

**Ion Chromatography - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

**Batch AUF0117 - EPA 300.0**

**Blank (AUF0117-BLK1)**

Prepared & Analyzed: 06/07/11

Chloride	ND	0.5	mg/L							
Sulfate as SO4	ND	0.5	"							

**LCS (AUF0117-BS1)**

Prepared & Analyzed: 06/07/11

Chloride	10.0	0.5	mg/L	10.0		99.7	80-120			
Sulfate as SO4	10.0	0.5	"	10.0		99.8	80-120			

**LCS Dup (AUF0117-BSD1)**

Prepared & Analyzed: 06/07/11

Chloride	10.0	0.5	mg/L	10.0		99.5	80-120	0.241	20	
Sulfate as SO4	10.3	0.5	"	10.0		103	80-120	2.91	20	

**Duplicate (AUF0117-DUP1)**

Source: 1106091-01

Prepared & Analyzed: 06/07/11

Chloride	45.1	0.5	mg/L		44.8			0.638	20	
Sulfate as SO4	7.1	0.5	"		7.2			1.90	20	

Excelchem Environmental Lab.

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*



Laboratory Representative

**Excelchem Environmental Labs**

RWQC Central Valley  
11020 Sun Center Dr. #200  
Rancho Cordova, CA 95670

Project: Walker Mine  
Project Number: 10-026-150  
Project Manager: Jeff Huggins

Date Reported:  
07/25/11 11:47

**Notes and Definitions**

- R-07 This sample was diluted due to matrix interference, resulting in elevated reporting limits
- QL-01 Sample results for the QC batch were accepted based on LCS/LCSD percent recoveries and RPD values.
- Field This analyte was analyzed outside of the EPA recommended hold time of ASAP and should be analyzed in the field.
- ND Analyte not detected at reporting limit.
- NR Not reported

---

Excelchem Environmental Lab.

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*



---

Laboratory Representative





**Excelchem Environmental Labs**

RWQC Central Valley  
11020 Sun Center Dr. #200  
Rancho Cordova, CA 95670

Project: Walker Mine  
Project Number: 10-026-150  
Project Manager: Jeff Huggins

Date Reported: 07/25/11 11:47

**Sample Integrity**

**WORK ORDER 1106070**

Date Received: 6/2/2011

**Section 1 - Sample Arrival Info.**

Sample Transport: ONTRAC UPS USPS Walk-In EXCELCHEM Courier Fed-Ex Other: \_\_\_\_\_

Transported In: Ice Chest Box Hand

Describe type of packing materials: Bubble Wrap Foam Packing Peanuts Paper Other: Styro

Has chilling process begun?  N Samples Received: Chilled to Touch / Ambient / On Ice

Temperature of Samples (°C): 1 Ice Chest Temperature(s) (°C): -3

**Section 2 - Bottle/Analysis Info.**

	Yes	No	N/A	Comments
Did all bottles arrive unbroken and intact?	<input checked="" type="checkbox"/>			
Did all bottle labels agree with COC?	<input checked="" type="checkbox"/>			
Were correct containers used for the tests requested?				
Were correct preservations used for the tests requested?				
Was a sufficient amount of sample sent for tests indicated?				
Were bubbles present in VOA Vials?: (Volatile Methods Only)				

**Section 3 - COC Info.**

	Completed		Info From Container	Completed		Comments
	Yes	No		Yes	No	
Was COC Received	<input checked="" type="checkbox"/>		Analysis Requested	<input checked="" type="checkbox"/>		
Date Sampled	<input checked="" type="checkbox"/>		Samples arrived within holding time	<input checked="" type="checkbox"/>		
Time Sampled	<input checked="" type="checkbox"/>		Any hold times less than 72 hrs	<input checked="" type="checkbox"/>		<u>WABAS</u>
Sample ID	<input checked="" type="checkbox"/>		Client Name	<input checked="" type="checkbox"/>		
Rush TAT		<input checked="" type="checkbox"/>	Address/Telephone #	<input checked="" type="checkbox"/>		

**Section 4 - Comments / Discrepancies**

Was Client notified of discrepancies: Yes No N/A Notified by: \_\_\_\_\_

Explanations / Comments:

Samples Labeled by: CR  
Bin #: P 26  
COC Scanned/Attached by: \_\_\_\_\_  
Sample labels reviewed by: \_\_\_\_\_

Form completed by: \_\_\_\_\_

Date: \_\_\_\_\_  
Time: \_\_\_\_\_

