





# CALIFORNIA LABORATORY SERVICES

11/10/06 14:53

CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114	Project: Walker Mine-PCA 13180 Project Number: PCA 13180 Project Manager: Steve Rosenbaum	CLS Work Order #: CPJ1082 COC #: 74271,74270
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## Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>5-LGC U/S (CPJ1082-01) Water</b> Sampled: 10/24/06 12:30 Received: 10/26/06 07:45									
Total Alkalinity	80	5.0	mg/L	1	CP08349	10/27/06	10/27/06	EPA 310.1	
Bicarbonate as CaCO3	80	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	0.62	0.50	"	"	CP08339	10/27/06	10/27/06	EPA 300.0	
Specific Conductance (EC)	150	1.0	µmhos/cm	"	CP08330	10/26/06	10/26/06	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CP08316	10/26/06	10/26/06	EPA 425.1	
Calcium	16	1.0	"	"	CP08313	10/26/06	10/26/06	200.7/2340B	
Magnesium	7.2	1.0	"	"	"	"	"	"	
Potassium	2.0	1.0	"	"	"	"	"	"	
Sodium	5.2	1.0	"	"	"	"	"	"	
Hardness as CaCO3	69	1.0	"	"	"	"	"	"	
pH	7.51	0.001	pH Units	"	CP08299	10/26/06	10/26/06	EPA 150.1	HT-1
Sulfate as SO4	ND	0.50	mg/L	"	CP08339	10/27/06	10/27/06	EPA 300.0	
Total Dissolved Solids	100	10	"	"	CP08353	10/27/06	10/30/06	EPA 160.1	
<b>3-DC D/S (CPJ1082-02) Water</b> Sampled: 10/24/06 12:40 Received: 10/26/06 07:45									
Total Alkalinity	72	5.0	mg/L	1	CP08349	10/27/06	10/27/06	EPA 310.1	
Bicarbonate as CaCO3	72	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	0.56	0.50	"	"	CP08339	10/27/06	10/27/06	EPA 300.0	
Specific Conductance (EC)	140	1.0	µmhos/cm	"	CP08330	10/26/06	10/26/06	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CP08316	10/26/06	10/26/06	EPA 425.1	
Calcium	15	1.0	"	"	CP08313	10/26/06	10/26/06	200.7/2340B	
Magnesium	7.7	1.0	"	"	"	"	"	"	
Potassium	ND	1.0	"	"	"	"	"	"	
Sodium	3.3	1.0	"	"	"	"	"	"	
Hardness as CaCO3	69	1.0	"	"	"	"	"	"	
pH	7.69	0.001	pH Units	"	CP08299	10/26/06	10/26/06	EPA 150.1	HT-1
Sulfate as SO4	1.1	0.50	mg/L	"	CP08339	10/27/06	10/27/06	EPA 300.0	
Total Dissolved Solids	82	10	"	"	CP08353	10/27/06	10/30/06	EPA 160.1	
<b>1-Portal (CPJ1082-03) Water</b> Sampled: 10/24/06 13:00 Received: 10/26/06 07:45									
Total Alkalinity	81	5.0	mg/L	1	CP08349	10/27/06	10/27/06	EPA 310.1	
Bicarbonate as CaCO3	81	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	0.62	0.50	"	"	CP08339	10/27/06	10/27/06	EPA 300.0	
Specific Conductance (EC)	120	1.0	µmhos/cm	"	CP08330	10/26/06	10/26/06	EPA 120.1	

CA DOHS ELAP Accreditation/Registration Number 1233

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

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

CLS Work Order #: CPJ1082  
COC #: 74271,74270

## Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>1-Portal (CPJ1082-03) Water</b> Sampled: 10/24/06 13:00 Received: 10/26/06 07:45									
Methylene Blue Active Substances	ND	0.10	mg/L	1	CP08316	10/26/06	10/26/06	EPA 425.1	
Calcium	12	1.0	"	"	CP08313	10/26/06	10/26/06	200.7/2340B	
Magnesium	5.0	1.0	"	"	"	"	"	"	
Potassium	ND	1.0	"	"	"	"	"	"	
Sodium	5.3	1.0	"	"	"	"	"	"	
Hardness as CaCO3	52	1.0	"	"	"	"	"	"	
pH	7.42	0.001	pH Units	"	CP08299	10/26/06	10/26/06	EPA 150.1	HT-1
Sulfate as SO4	0.80	0.50	mg/L	"	CP08339	10/27/06	10/27/06	EPA 300.0	
Total Dissolved Solids	53	10	"	"	CP08353	10/27/06	10/30/06	EPA 160.1	
<b>2-DC U/S (CPJ1082-04) Water</b> Sampled: 10/24/06 13:10 Received: 10/26/06 07:45									
Total Alkalinity	82	5.0	mg/L	1	CP08349	10/27/06	10/27/06	EPA 310.1	
Bicarbonate as CaCO3	82	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	0.58	0.50	"	"	CP08339	10/27/06	10/27/06	EPA 300.0	
Specific Conductance (EC)	150	1.0	µmhos/cm	"	CP08330	10/26/06	10/26/06	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CP08316	10/26/06	10/26/06	EPA 425.1	
Calcium	19	1.0	"	"	CP08314	10/26/06	10/26/06	200.7/2340B	
Magnesium	9.1	1.0	"	"	"	"	"	"	
Potassium	1.0	1.0	"	"	"	"	"	"	
Sodium	3.2	1.0	"	"	"	"	"	"	
Hardness as CaCO3	84	1.0	"	"	"	"	"	"	
pH	7.82	0.001	pH Units	"	CP08299	10/26/06	10/26/06	EPA 150.1	HT-1
Sulfate as SO4	ND	0.50	mg/L	"	CP08339	10/27/06	10/27/06	EPA 300.0	
Total Dissolved Solids	91	10	"	"	CP08353	10/27/06	10/30/06	EPA 160.1	
<b>9-LGC Brown's Cabin (CPJ1082-05) Water</b> Sampled: 10/24/06 15:30 Received: 10/26/06 07:45									
Total Alkalinity	76	5.0	mg/L	1	CP08349	10/27/06	10/27/06	EPA 310.1	
Bicarbonate as CaCO3	76	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	0.60	0.50	"	"	CP08339	10/27/06	10/27/06	EPA 300.0	
Specific Conductance (EC)	160	1.0	µmhos/cm	"	CP08330	10/26/06	10/26/06	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CP08316	10/26/06	10/26/06	EPA 425.1	
Calcium	21	1.0	"	"	CP08314	10/26/06	10/26/06	200.7/2340B	
Magnesium	7.0	1.0	"	"	"	"	"	"	
Potassium	1.6	1.0	"	"	"	"	"	"	
Sodium	4.7	1.0	"	"	"	"	"	"	
Hardness as CaCO3	82	1.0	"	"	"	"	"	"	

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CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114	Project: Walker Mine-PCA 13180 Project Number: PCA 13180 Project Manager: Steve Rosenbaum	CLS Work Order #: CPJ1082 COC #: 74271,74270
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## Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>9-LGC Brown's Cabin (CPJ1082-05) Water</b> <b>Sampled: 10/24/06 15:30</b> <b>Received: 10/26/06 07:45</b>									
pH	7.92	0.001	pH Units	1	CP08299	10/26/06	10/26/06	EPA 150.1	HT-1
Sulfate as SO4	8.9	0.50	mg/L	"	CP08339	10/27/06	10/27/06	EPA 300.0	
Total Dissolved Solids	100	10	"	"	CP08353	10/27/06	10/30/06	EPA 160.1	
<b>8-LGC BDC (CPJ1082-06) Water</b> <b>Sampled: 10/24/06 16:00</b> <b>Received: 10/26/06 07:45</b>									
Total Alkalinity	74	5.0	mg/L	1	CP08349	10/27/06	10/27/06	EPA 310.1	
Bicarbonate as CaCO3	74	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	0.60	0.50	"	"	CP08339	10/27/06	10/27/06	EPA 300.0	
Specific Conductance (EC)	160	1.0	µmhos/cm	"	CP08330	10/26/06	10/26/06	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CP08316	10/26/06	10/26/06	EPA 425.1	
Calcium	21	1.0	"	"	CP08314	10/26/06	10/26/06	200.7/2340B	
Magnesium	7.1	1.0	"	"	"	"	"	"	
Potassium	1.6	1.0	"	"	"	"	"	"	
Sodium	4.7	1.0	"	"	"	"	"	"	
Hardness as CaCO3	82	1.0	"	"	"	"	"	"	
pH	7.91	0.001	pH Units	"	CP08299	10/26/06	10/26/06	EPA 150.1	HT-1
Sulfate as SO4	9.0	0.50	mg/L	"	CP08339	10/27/06	10/27/06	EPA 300.0	
Total Dissolved Solids	120	10	"	"	CP08353	10/27/06	10/30/06	EPA 160.1	
<b>7-LGC ADC (CPJ1082-07) Water</b> <b>Sampled: 10/24/06 16:10</b> <b>Received: 10/26/06 07:45</b>									
Total Alkalinity	76	5.0	mg/L	1	CP08349	10/27/06	10/27/06	EPA 310.1	
Bicarbonate as CaCO3	76	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	0.61	0.50	"	"	CP08339	10/27/06	10/27/06	EPA 300.0	
Specific Conductance (EC)	180	1.0	µmhos/cm	"	CP08330	10/26/06	10/26/06	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CP08316	10/26/06	10/26/06	EPA 425.1	
Calcium	25	1.0	"	"	CP08314	10/26/06	10/26/06	200.7/2340B	
Magnesium	6.5	1.0	"	"	"	"	"	"	
Potassium	2.1	1.0	"	"	"	"	"	"	
Sodium	5.5	1.0	"	"	"	"	"	"	
Hardness as CaCO3	89	1.0	"	"	"	"	"	"	
pH	7.72	0.001	pH Units	"	CP08299	10/26/06	10/26/06	EPA 150.1	HT-1
Sulfate as SO4	16	0.50	mg/L	"	CP08339	10/27/06	10/27/06	EPA 300.0	
Total Dissolved Solids	110	10	"	"	CP08353	10/27/06	10/30/06	EPA 160.1	
<b>6-USFS DAM (CPJ1082-08) Water</b> <b>Sampled: 10/24/06 16:20</b> <b>Received: 10/26/06 07:45</b>									
Total Alkalinity	72	5.0	mg/L	1	CP08349	10/27/06	10/27/06	EPA 310.1	
Bicarbonate as CaCO3	72	5.0	"	"	"	"	"	"	

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## Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>6-USFS DAM (CPJ1082-08) Water</b> <b>Sampled: 10/24/06 16:20</b> <b>Received: 10/26/06 07:45</b>									
Carbonate as CaCO3	ND	5.0	mg/L	1	CP08349	10/27/06	10/27/06	EPA 310.1	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
<b>Chloride</b>	<b>0.58</b>	0.50	"	"	CP08339	10/27/06	10/27/06	EPA 300.0	
<b>Specific Conductance (EC)</b>	<b>150</b>	1.0	µmhos/cm	"	CP08330	10/26/06	10/26/06	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CP08316	10/26/06	10/26/06	EPA 425.1	
<b>Calcium</b>	<b>17</b>	1.0	"	"	CP08314	10/26/06	10/26/06	200.7/2340B	
<b>Magnesium</b>	<b>7.6</b>	1.0	"	"	"	"	"	"	
<b>Potassium</b>	<b>1.1</b>	1.0	"	"	"	"	"	"	
<b>Sodium</b>	<b>3.7</b>	1.0	"	"	"	"	"	"	
<b>Hardness as CaCO3</b>	<b>75</b>	1.0	"	"	"	"	"	"	
<b>pH</b>	<b>7.98</b>	0.001	pH Units	"	CP08299	10/26/06	10/26/06	EPA 150.1	HT-1
<b>Sulfate as SO4</b>	<b>2.2</b>	0.50	mg/L	"	CP08339	10/27/06	10/27/06	EPA 300.0	
<b>Total Dissolved Solids</b>	<b>81</b>	10	"	"	CP08353	10/27/06	10/30/06	EPA 160.1	
<b>20-LGC CFW (CPJ1082-09) Water</b> <b>Sampled: 10/24/06 16:40</b> <b>Received: 10/26/06 07:45</b>									
<b>Total Alkalinity</b>	<b>80</b>	5.0	mg/L	1	CP08349	10/27/06	10/27/06	EPA 310.1	
<b>Bicarbonate as CaCO3</b>	<b>80</b>	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
<b>Chloride</b>	<b>0.72</b>	0.50	"	"	CP08339	10/27/06	10/27/06	EPA 300.0	
<b>Specific Conductance (EC)</b>	<b>170</b>	1.0	µmhos/cm	"	CP08330	10/26/06	10/26/06	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CP08316	10/26/06	10/26/06	EPA 425.1	
<b>Calcium</b>	<b>23</b>	1.0	"	"	CP08314	10/26/06	10/26/06	200.7/2340B	
<b>Magnesium</b>	<b>5.9</b>	1.0	"	"	"	"	"	"	
<b>Potassium</b>	<b>1.8</b>	1.0	"	"	"	"	"	"	
<b>Sodium</b>	<b>8.1</b>	1.0	"	"	"	"	"	"	
<b>Hardness as CaCO3</b>	<b>81</b>	1.0	"	"	"	"	"	"	
<b>pH</b>	<b>8.01</b>	0.001	pH Units	"	CP08299	10/26/06	10/26/06	EPA 150.1	HT-1
<b>Sulfate as SO4</b>	<b>11</b>	0.50	mg/L	"	CP08339	10/27/06	10/27/06	EPA 300.0	
<b>Total Dissolved Solids</b>	<b>140</b>	10	"	"	CP08382	10/30/06	10/30/06	EPA 160.1	
<b>12-MBWC at 25N42 (CPJ1082-10) Water</b> <b>Sampled: 10/24/06 17:00</b> <b>Received: 10/26/06 07:45</b>									
<b>Total Alkalinity</b>	<b>12</b>	5.0	mg/L	1	CP08349	10/27/06	10/27/06	EPA 310.1	
<b>Bicarbonate as CaCO3</b>	<b>12</b>	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
<b>Chloride</b>	<b>0.54</b>	0.50	"	"	CP08339	10/27/06	10/27/06	EPA 300.0	
<b>Specific Conductance (EC)</b>	<b>25</b>	1.0	µmhos/cm	"	CP08330	10/26/06	10/26/06	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CP08316	10/26/06	10/26/06	EPA 425.1	
<b>Calcium</b>	<b>2.5</b>	1.0	"	"	CP08314	10/26/06	10/26/06	200.7/2340B	

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

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

CLS Work Order #: CPJ1082  
COC #: 74271,74270

## Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>12-MBWC at 25N42 (CPJ1082-10) Water</b> <b>Sampled: 10/24/06 17:00</b> <b>Received: 10/26/06 07:45</b>									
Magnesium	1.0	1.0	mg/L	1	CP08314	10/26/06	10/26/06	200.7/2340B	
Potassium	ND	1.0	"	"	"	"	"	"	
Sodium	1.1	1.0	"	"	"	"	"	"	
Hardness as CaCO3	11	1.0	"	"	"	"	"	"	
pH	6.29	0.001	pH Units	"	CP08299	10/26/06	10/26/06	EPA 150.1	HT-I
Sulfate as SO4	ND	0.50	mg/L	"	CP08339	10/27/06	10/27/06	EPA 300.0	
Total Dissolved Solids	42	10	"	"	CP08382	10/30/06	10/30/06	EPA 160.1	
<b>13-NYECK at 25N42 (CPJ1082-11) Water</b> <b>Sampled: 10/24/06 17:25</b> <b>Received: 10/26/06 07:45</b>									
Total Alkalinity	51	5.0	mg/L	1	CP08349	10/27/06	10/27/06	EPA 310.1	
Bicarbonate as CaCO3	51	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	0.61	0.50	"	"	CP08339	10/27/06	10/27/06	EPA 300.0	
Specific Conductance (EC)	92	1.0	µmhos/cm	"	CP08330	10/26/06	10/26/06	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CP08316	10/26/06	10/26/06	EPA 425.1	
Calcium	12	1.0	"	"	CP08314	10/26/06	10/26/06	200.7/2340B	
Magnesium	4.9	1.0	"	"	"	"	"	"	
Potassium	ND	1.0	"	"	"	"	"	"	
Sodium	2.5	1.0	"	"	"	"	"	"	
Hardness as CaCO3	49	1.0	"	"	"	"	"	"	
pH	7.24	0.001	pH Units	"	CP08299	10/26/06	10/26/06	EPA 150.1	HT-I
Sulfate as SO4	ND	0.50	mg/L	"	CP08339	10/27/06	10/27/06	EPA 300.0	
Total Dissolved Solids	89	10	"	"	CP08382	10/30/06	10/30/06	EPA 160.1	
<b>17-NBWC at 25N42 (CPJ1082-12) Water</b> <b>Sampled: 10/24/06 17:30</b> <b>Received: 10/26/06 07:45</b>									
Total Alkalinity	48	5.0	mg/L	1	CP08349	10/27/06	10/27/06	EPA 310.1	
Bicarbonate as CaCO3	48	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	0.60	0.50	"	"	CP08370	10/30/06	10/30/06	EPA 300.0	
Specific Conductance (EC)	160	1.0	µmhos/cm	"	CP08330	10/26/06	10/26/06	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CP08316	10/26/06	10/26/06	EPA 425.1	
Calcium	21	1.0	"	"	CP08314	10/26/06	10/26/06	200.7/2340B	
Magnesium	8.3	1.0	"	"	"	"	"	"	
Potassium	1.7	1.0	"	"	"	"	"	"	
Sodium	3.9	1.0	"	"	"	"	"	"	
Hardness as CaCO3	86	1.0	"	"	"	"	"	"	
pH	7.78	0.001	pH Units	"	CP08299	10/26/06	10/26/06	EPA 150.1	HT-I
Sulfate as SO4	0.55	0.50	mg/L	"	CP08370	10/30/06	10/30/06	EPA 300.0	

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# CALIFORNIA LABORATORY SERVICES

11/10/06 14:53

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

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

CLS Work Order #: CPJ1082  
COC #: 74271,74270

## Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>17-NBWC at 25N42 (CPJ1082-12) Water</b> <b>Sampled: 10/24/06 17:30</b> <b>Received: 10/26/06 07:45</b>									
Total Dissolved Solids	130	10	mg/L	1	CP08382	10/30/06	10/30/06	EPA 160.1	
<b>4-DC @ 48" Culvert (CPJ1082-13) Water</b> <b>Sampled: 10/25/06 09:15</b> <b>Received: 10/26/06 07:45</b>									
Total Alkalinity	75	5.0	mg/L	1	CP08349	10/27/06	10/27/06	EPA 310.1	
Bicarbonate as CaCO3	75	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	0.56	0.50	"	"	CP08370	10/30/06	10/30/06	EPA 300.0	
Specific Conductance (EC)	140	1.0	µmhos/cm	"	CP08330	10/26/06	10/26/06	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CP08316	10/26/06	10/26/06	EPA 425.1	
Calcium	17	1.0	"	"	CP08314	10/26/06	10/26/06	200.7/2340B	
Magnesium	8.3	1.0	"	"	"	"	"	"	
Potassium	ND	1.0	"	"	"	"	"	"	
Sodium	3.4	1.0	"	"	"	"	"	"	
Hardness as CaCO3	78	1.0	"	"	"	"	"	"	
pH	7.79	0.001	pH Units	"	CP08299	10/26/06	10/26/06	EPA 150.1	
Sulfate as SO4	1.0	0.50	mg/L	"	CP08370	10/30/06	10/30/06	EPA 300.0	
Total Dissolved Solids	110	10	"	"	CP08382	10/30/06	10/30/06	EPA 160.1	
<b>11-SBWC @ 25N42 (CPJ1082-14) Water</b> <b>Sampled: 10/25/06 09:40</b> <b>Received: 10/26/06 07:45</b>									
Total Alkalinity	26	5.0	mg/L	1	CP08349	10/27/06	10/27/06	EPA 310.1	
Bicarbonate as CaCO3	26	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	0.65	0.50	"	"	CP08370	10/30/06	10/30/06	EPA 300.0	
Specific Conductance (EC)	140	1.0	µmhos/cm	"	CP08330	10/26/06	10/26/06	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CP08316	10/26/06	10/26/06	EPA 425.1	
Calcium	6.4	1.0	"	"	CP08314	10/26/06	10/26/06	200.7/2340B	
Magnesium	1.9	1.0	"	"	"	"	"	"	
Potassium	ND	1.0	"	"	"	"	"	"	
Sodium	2.6	1.0	"	"	"	"	"	"	
Hardness as CaCO3	24	1.0	"	"	"	"	"	"	
pH	7.06	0.001	pH Units	"	CP08299	10/26/06	10/26/06	EPA 150.1	
Sulfate as SO4	ND	0.50	mg/L	"	CP08370	10/30/06	10/30/06	EPA 300.0	
Total Dissolved Solids	62	10	"	"	CP08382	10/30/06	10/30/06	EPA 160.1	
<b>18-NBWC@25N32Y (CPJ1082-15) Water</b> <b>Sampled: 10/25/06 11:20</b> <b>Received: 10/26/06 07:45</b>									
Total Alkalinity	82	5.0	mg/L	1	CP08349	10/27/06	10/27/06	EPA 310.1	
Bicarbonate as CaCO3	82	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	

# CALIFORNIA LABORATORY SERVICES

11/10/06 14:53

CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114	Project: Walker Mine-PCA 13180 Project Number: PCA 13180 Project Manager: Steve Rosenbaum	CLS Work Order #: CPJ1082 COC #: 74271,74270
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## Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>18-NBWC@25N32Y (CPJ1082-15) Water</b> <b>Sampled: 10/25/06 11:20</b> <b>Received: 10/26/06 07:45</b>									
Chloride	0.59	0.50	mg/L	1	CP08370	10/30/06	10/30/06	EPA 300.0	
Specific Conductance (EC)	150	1.0	µmhos/cm	"	CP08330	10/26/06	10/26/06	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CP08316	10/26/06	10/26/06	EPA 425.1	
Calcium	20	1.0	"	"	CP08314	10/26/06	10/26/06	200.7/2340B	
Magnesium	7.8	1.0	"	"	"	"	"	"	
Potassium	1.7	1.0	"	"	"	"	"	"	
Sodium	3.9	1.0	"	"	"	"	"	"	
Hardness as CaCO3	81	1.0	"	"	"	"	"	"	
pH	7.97	0.001	pH Units	"	CP08299	10/26/06	10/26/06	EPA 150.1	
Sulfate as SO4	0.64	0.50	mg/L	"	CP08370	10/30/06	10/30/06	EPA 300.0	
Total Dissolved Solids	110	10	"	"	CP08382	10/30/06	10/30/06	EPA 160.1	
<b>16-Nyeck @ 25N32Y (CPJ1082-16) Water</b> <b>Sampled: 10/25/06 11:40</b> <b>Received: 10/26/06 07:45</b>									
Total Alkalinity	74	5.0	mg/L	1	CP08349	10/27/06	10/27/06	EPA 310.1	
Bicarbonate as CaCO3	74	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	0.58	0.50	"	"	CP08370	10/30/06	10/30/06	EPA 300.0	
Specific Conductance (EC)	140	1.0	µmhos/cm	"	CP08355	10/27/06	10/27/06	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CP08316	10/26/06	10/26/06	EPA 425.1	
Calcium	19	1.0	"	"	CP08314	10/26/06	10/26/06	200.7/2340B	
Magnesium	7.0	1.0	"	"	"	"	"	"	
Potassium	1.2	1.0	"	"	"	"	"	"	
Sodium	3.3	1.0	"	"	"	"	"	"	
Hardness as CaCO3	75	1.0	"	"	"	"	"	"	
pH	7.90	0.001	pH Units	"	CP08299	10/26/06	10/26/06	EPA 150.1	
Sulfate as SO4	ND	0.50	mg/L	"	CP08370	10/30/06	10/30/06	EPA 300.0	
Total Dissolved Solids	100	10	"	"	CP08382	10/30/06	10/30/06	EPA 160.1	
<b>15-MBWC@25N32Y (CPJ1082-17) Water</b> <b>Sampled: 10/25/06 11:50</b> <b>Received: 10/26/06 07:45</b>									
Total Alkalinity	73	5.0	mg/L	1	CP08349	10/27/06	10/27/06	EPA 310.1	
Bicarbonate as CaCO3	73	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	0.58	0.50	"	"	CP08370	10/30/06	10/30/06	EPA 300.0	
Specific Conductance (EC)	130	1.0	µmhos/cm	"	CP08355	10/27/06	10/27/06	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CP08316	10/26/06	10/26/06	EPA 425.1	
Calcium	18	1.0	"	"	CP08314	10/26/06	10/26/06	200.7/2340B	
Magnesium	6.9	1.0	"	"	"	"	"	"	
Potassium	1.2	1.0	"	"	"	"	"	"	

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# CALIFORNIA LABORATORY SERVICES

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

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

CLS Work Order #: CPJ1082  
COC #: 74271,74270

## Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>15-MBWC@25N32Y (CPJ1082-17) Water</b> <b>Sampled: 10/25/06 11:50</b> <b>Received: 10/26/06 07:45</b>									
Sodium	3.3	1.0	mg/L	1	CP08314	10/26/06	10/26/06	200.7/2340B	
Hardness as CaCO3	74	1.0	"	"	"	"	"	"	
pH	7.91	0.001	pH Units	"	CP08299	10/26/06	10/26/06	EPA 150.1	
Sulfate as SO4	ND	0.50	mg/L	"	CP08370	10/30/06	10/30/06	EPA 300.0	
Total Dissolved Solids	100	10	"	"	CP08382	10/30/06	10/30/06	EPA 160.1	
<b>14-SBWC@25N32Y (CPJ1082-18) Water</b> <b>Sampled: 10/25/06 12:00</b> <b>Received: 10/26/06 07:45</b>									
Total Alkalinity	120	5.0	mg/L	1	CP08349	10/27/06	10/27/06	EPA 310.1	
Bicarbonate as CaCO3	120	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	0.63	0.50	"	"	CP08370	10/30/06	10/30/06	EPA 300.0	
Specific Conductance (EC)	230	1.0	µmhos/cm	"	CP08355	10/27/06	10/27/06	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CP08316	10/26/06	10/26/06	EPA 425.1	
Calcium	46	1.0	"	"	CP08314	10/26/06	10/26/06	200.7/2340B	
Magnesium	3.5	1.0	"	"	"	"	"	"	
Potassium	ND	1.0	"	"	"	"	"	"	
Sodium	2.9	1.0	"	"	"	"	"	"	
Hardness as CaCO3	130	1.0	"	"	"	"	"	"	
pH	7.95	0.001	pH Units	"	CP08299	10/26/06	10/26/06	EPA 150.1	
Sulfate as SO4	5.5	0.50	mg/L	"	CP08370	10/30/06	10/30/06	EPA 300.0	
Total Dissolved Solids	140	10	"	"	CP08382	10/30/06	10/30/06	EPA 160.1	
<b>25-WARD Ck at Genesee (CPJ1082-19) Water</b> <b>Sampled: 10/25/06 13:10</b> <b>Received: 10/26/06 07:45</b>									
Total Alkalinity	81	5.0	mg/L	1	CP08349	10/27/06	10/27/06	EPA 310.1	
Bicarbonate as CaCO3	81	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	0.64	0.50	"	"	CP08370	10/30/06	10/30/06	EPA 300.0	
Specific Conductance (EC)	160	1.0	µmhos/cm	"	CP08355	10/27/06	10/27/06	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CP08316	10/26/06	10/26/06	EPA 425.1	
Calcium	21	1.0	"	"	CP08314	10/26/06	10/26/06	200.7/2340B	
Magnesium	6.7	1.0	"	"	"	"	"	"	
Potassium	1.2	1.0	"	"	"	"	"	"	
Sodium	5.0	1.0	"	"	"	"	"	"	
Hardness as CaCO3	81	1.0	"	"	"	"	"	"	
pH	7.78	0.001	pH Units	"	CP08299	10/26/06	10/26/06	EPA 150.1	
Sulfate as SO4	2.7	0.50	mg/L	"	CP08370	10/30/06	10/30/06	EPA 300.0	
Total Dissolved Solids	84	10	"	"	CP08382	10/30/06	10/30/06	EPA 160.1	
<b>22-IC at RD112 (CPJ1082-20) Water</b> <b>Sampled: 10/25/06 13:30</b> <b>Received: 10/26/06 07:45</b>									

# CALIFORNIA LABORATORY SERVICES

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

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

CLS Work Order #: CPJ1082  
COC #: 74271,74270

## Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>22-IC at RD112 (CPJ1082-20) Water</b> <b>Sampled: 10/25/06 13:30</b> <b>Received: 10/26/06 07:45</b>									
Total Alkalinity	68	5.0	mg/L	1	CP08350	10/27/06	10/27/06	EPA 310.1	
Bicarbonate as CaCO3	68	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	1.5	0.50	"	"	CP08370	10/30/06	10/30/06	EPA 300.0	
Specific Conductance (EC)	140	1.0	µmhos/cm	"	CP08355	10/27/06	10/27/06	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CP08316	10/26/06	10/26/06	EPA 425.1	
Calcium	17	1.0	"	"	CP08314	10/26/06	10/26/06	200.7/2340B	
Magnesium	5.7	1.0	"	"	"	"	"	"	
Potassium	1.8	1.0	"	"	"	"	"	"	
Sodium	7.1	1.0	"	"	"	"	"	"	
Hardness as CaCO3	67	1.0	"	"	"	"	"	"	
pH	7.63	0.001	pH Units	"	CP08299	10/26/06	10/26/06	EPA 150.1	
Sulfate as SO4	2.8	0.50	mg/L	"	CP08370	10/30/06	10/30/06	EPA 300.0	
Total Dissolved Solids	100	10	"	"	CP08382	10/30/06	10/30/06	EPA 160.1	
<b>24-LGC U/S IC (CPJ1082-21) Water</b> <b>Sampled: 10/25/06 14:00</b> <b>Received: 10/26/06 07:45</b>									
Total Alkalinity	79	5.0	mg/L	1	CP08350	10/27/06	10/27/06	EPA 310.1	
Bicarbonate as CaCO3	79	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	0.70	0.50	"	"	CP08370	10/30/06	10/30/06	EPA 300.0	
Specific Conductance (EC)	160	1.0	µmhos/cm	"	CP08355	10/27/06	10/27/06	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CP08342	10/27/06	10/27/06	EPA 425.1	
Calcium	26	1.0	"	"	CP08314	10/26/06	10/26/06	200.7/2340B	
Magnesium	5.1	1.0	"	"	"	"	"	"	
Potassium	1.2	1.0	"	"	"	"	"	"	
Sodium	5.2	1.0	"	"	"	"	"	"	
Hardness as CaCO3	85	1.0	"	"	"	"	"	"	
pH	7.86	0.001	pH Units	"	CP08299	10/26/06	10/26/06	EPA 150.1	
Sulfate as SO4	6.9	0.50	mg/L	"	CP08370	10/30/06	10/30/06	EPA 300.0	
Total Dissolved Solids	110	10	"	"	CP08382	10/30/06	10/30/06	EPA 160.1	
<b>21-IC D/S LGC (CPJ1082-22) Water</b> <b>Sampled: 10/25/06 14:30</b> <b>Received: 10/26/06 07:45</b>									
Total Alkalinity	69	5.0	mg/L	1	CP08350	10/27/06	10/27/06	EPA 310.1	
Bicarbonate as CaCO3	69	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	1.3	0.50	"	"	CP08370	10/30/06	10/30/06	EPA 300.0	
Specific Conductance (EC)	140	1.0	µmhos/cm	"	CP08355	10/27/06	10/27/06	EPA 120.1	

CA DOHS ELAP Accreditation/Registration Number 1233

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# CALIFORNIA LABORATORY SERVICES

11/10/06 14:53

CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114	Project: Walker Mine-PCA 13180 Project Number: PCA 13180 Project Manager: Steve Rosenbaum	CLS Work Order #: CPJ1082 COC #: 74271,74270
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## Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>21-IC D/S LGC (CPJ1082-22) Water</b> <b>Sampled: 10/25/06 14:30</b> <b>Received: 10/26/06 07:45</b>									
Methylene Blue Active Substances	ND	0.10	mg/L	1	CP08342	10/27/06	10/27/06	EPA 425.1	
Calcium	18	1.0	"	"	CP08314	10/26/06	10/26/06	200.7/2340B	
Magnesium	5.5	1.0	"	"	"	"	"	"	
Potassium	1.6	1.0	"	"	"	"	"	"	
Sodium	6.5	1.0	"	"	"	"	"	"	
Hardness as CaCO3	68	1.0	"	"	"	"	"	"	
pH	7.42	0.001	pH Units	"	CP08299	10/26/06	10/26/06	EPA 150.1	
Sulfate as SO4	3.1	0.50	mg/L	"	CP08370	10/30/06	10/30/06	EPA 300.0	
Total Dissolved Solids	100	10	"	"	CP08382	10/30/06	10/30/06	EPA 160.1	

# CALIFORNIA LABORATORY SERVICES

11/10/06 14:53

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

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

CLS Work Order #: CPJ1082  
COC #: 74271,74270

## Metals by EPA 200 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>5-LGC U/S (CPJ1082-01) Water</b> <b>Sampled: 10/24/06 12:30</b> <b>Received: 10/26/06 07:45</b>									
Aluminum	ND	20	µg/L	1	CP08320	10/26/06	10/30/06	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	ND	1.0	"	"	"	"	"	"	
<b>Iron</b>	<b>470</b>	50	"	"	"	"	11/02/06	"	
Zinc	ND	2.0	"	"	"	"	10/30/06	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>3-DC D/S (CPJ1082-02) Water</b> <b>Sampled: 10/24/06 12:40</b> <b>Received: 10/26/06 07:45</b>									
Aluminum	ND	20	µg/L	1	CP08320	10/26/06	10/30/06	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
<b>Copper</b>	<b>8.0</b>	1.0	"	"	"	"	"	"	
<b>Iron</b>	<b>620</b>	50	"	"	"	"	11/02/06	"	
<b>Zinc</b>	<b>3.0</b>	2.0	"	"	"	"	10/30/06	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>1-Portal (CPJ1082-03) Water</b> <b>Sampled: 10/24/06 13:00</b> <b>Received: 10/26/06 07:45</b>									
Aluminum	ND	20	µg/L	1	CP08320	10/26/06	10/30/06	EPA 200.8	
<b>Arsenic</b>	<b>28</b>	2.0	"	"	"	"	"	"	
<b>Copper</b>	<b>100</b>	1.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	11/02/06	"	
<b>Zinc</b>	<b>45</b>	2.0	"	"	"	"	10/30/06	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>2-DC U/S (CPJ1082-04) Water</b> <b>Sampled: 10/24/06 13:10</b> <b>Received: 10/26/06 07:45</b>									
Aluminum	ND	20	µg/L	1	CP08320	10/26/06	10/30/06	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	ND	1.0	"	"	"	"	"	"	
<b>Iron</b>	<b>63</b>	50	"	"	"	"	11/02/06	"	
Zinc	ND	2.0	"	"	"	"	10/30/06	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>9-LGC Brown's Cabin (CPJ1082-05) Water</b> <b>Sampled: 10/24/06 15:30</b> <b>Received: 10/26/06 07:45</b>									
Aluminum	ND	20	µg/L	1	CP08320	10/26/06	10/30/06	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
<b>Copper</b>	<b>28</b>	1.0	"	"	"	"	"	"	
<b>Iron</b>	<b>660</b>	50	"	"	"	"	11/02/06	"	
<b>Zinc</b>	<b>3.2</b>	2.0	"	"	"	"	10/30/06	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>8-LGC BDC (CPJ1082-06) Water</b> <b>Sampled: 10/24/06 16:00</b> <b>Received: 10/26/06 07:45</b>									
Aluminum	ND	20	µg/L	1	CP08320	10/26/06	10/30/06	EPA 200.8	

CA DOHS ELAP Accreditation/Registration Number 1233

# CALIFORNIA LABORATORY SERVICES

11/10/06 14:53

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

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

CLS Work Order #: CPJ1082  
COC #: 74271,74270

## Metals by EPA 200 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>8-LGC BDC (CPJ1082-06) Water</b> <b>Sampled: 10/24/06 16:00</b> <b>Received: 10/26/06 07:45</b>									
Arsenic	ND	2.0	µg/L	1	CP08320	10/26/06	10/30/06	EPA 200.8	
Copper	29	1.0	"	"	"	"	"	"	
Iron	720	50	"	"	"	"	11/02/06	"	
Zinc	3.6	2.0	"	"	"	"	10/30/06	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>7-LGC ADC (CPJ1082-07) Water</b> <b>Sampled: 10/24/06 16:10</b> <b>Received: 10/26/06 07:45</b>									
Aluminum	ND	20	µg/L	1	CP08320	10/26/06	10/30/06	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	ND	1.0	"	"	"	"	"	"	
Iron	470	50	"	"	"	"	11/02/06	"	
Zinc	ND	2.0	"	"	"	"	10/30/06	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>6-USFS DAM (CPJ1082-08) Water</b> <b>Sampled: 10/24/06 16:20</b> <b>Received: 10/26/06 07:45</b>									
Aluminum	ND	20	µg/L	1	CP08320	10/26/06	10/30/06	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	62	1.0	"	"	"	"	"	"	
Iron	910	50	"	"	"	"	11/02/06	"	
Zinc	4.7	2.0	"	"	"	"	10/30/06	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>20-LGC CFW (CPJ1082-09) Water</b> <b>Sampled: 10/24/06 16:40</b> <b>Received: 10/26/06 07:45</b>									
Aluminum	ND	20	µg/L	1	CP08320	10/26/06	10/30/06	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	7.2	1.0	"	"	"	"	"	"	
Iron	130	50	"	"	"	"	11/02/06	"	
Zinc	2.2	2.0	"	"	"	"	10/30/06	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>12-MBWC at 25N42 (CPJ1082-10) Water</b> <b>Sampled: 10/24/06 17:00</b> <b>Received: 10/26/06 07:45</b>									
Aluminum	37	20	µg/L	1	CP08320	10/26/06	10/30/06	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	2.8	1.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	11/02/06	"	
Zinc	ND	2.0	"	"	"	"	10/30/06	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>13-NYECK at 25N42 (CPJ1082-11) Water</b> <b>Sampled: 10/24/06 17:25</b> <b>Received: 10/26/06 07:45</b>									
Aluminum	ND	20	µg/L	1	CP08320	10/26/06	10/30/06	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	

# CALIFORNIA LABORATORY SERVICES

11/10/06 14:53

CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114	Project: Walker Mine-PCA 13180 Project Number: PCA 13180 Project Manager: Steve Rosenbaum	CLS Work Order #: CPJ1082 COC #: 74271,74270
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## Metals by EPA 200 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>13-NYECK at 25N42 (CPJ1082-11) Water</b> <b>Sampled: 10/24/06 17:25</b> <b>Received: 10/26/06 07:45</b>									
Copper	ND	1.0	µg/L	1	CP08320	10/26/06	10/30/06	EPA 200.8	
Iron	ND	50	"	"	"	"	11/02/06	"	
<b>Zinc</b>	<b>5.2</b>	2.0	"	"	"	"	10/30/06	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>17-NBWC at 25N42 (CPJ1082-12) Water</b> <b>Sampled: 10/24/06 17:30</b> <b>Received: 10/26/06 07:45</b>									
Aluminum	ND	20	µg/L	1	CP08320	10/26/06	10/30/06	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	ND	1.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	11/02/06	"	
Zinc	ND	2.0	"	"	"	"	10/30/06	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>4-DC @ 48" Culvert (CPJ1082-13) Water</b> <b>Sampled: 10/25/06 09:15</b> <b>Received: 10/26/06 07:45</b>									
Aluminum	ND	20	µg/L	1	CP08320	10/26/06	10/30/06	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
<b>Copper</b>	<b>8.3</b>	1.0	"	"	"	"	"	"	
<b>Iron</b>	<b>330</b>	50	"	"	"	"	11/02/06	"	
<b>Zinc</b>	<b>3.0</b>	2.0	"	"	"	"	10/30/06	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>11-SBWC @ 25N42 (CPJ1082-14) Water</b> <b>Sampled: 10/25/06 09:40</b> <b>Received: 10/26/06 07:45</b>									
Aluminum	ND	20	µg/L	1	CP08320	10/26/06	10/30/06	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
<b>Copper</b>	<b>1.7</b>	1.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	11/02/06	"	
<b>Zinc</b>	<b>7.3</b>	2.0	"	"	"	"	10/30/06	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>18-NBWC@25N32Y (CPJ1082-15) Water</b> <b>Sampled: 10/25/06 11:20</b> <b>Received: 10/26/06 07:45</b>									
Aluminum	ND	20	µg/L	1	CP08320	10/26/06	10/30/06	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	ND	1.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	11/02/06	"	
Zinc	ND	2.0	"	"	"	"	10/30/06	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>16-Nyeck @ 25N32Y (CPJ1082-16) Water</b> <b>Sampled: 10/25/06 11:40</b> <b>Received: 10/26/06 07:45</b>									
Aluminum	ND	20	µg/L	1	CP08320	10/26/06	10/30/06	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	ND	1.0	"	"	"	"	"	"	

# CALIFORNIA LABORATORY SERVICES

11/10/06 14:53

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

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

CLS Work Order #: CPJ1082  
COC #: 74271,74270

## Metals by EPA 200 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>16-Nyeck @ 25N32Y (CPJ1082-16) Water</b> <b>Sampled: 10/25/06 11:40</b> <b>Received: 10/26/06 07:45</b>									
Iron	ND	50	µg/L	1	CP08320	10/26/06	11/02/06	EPA 200.8	
Zinc	ND	2.0	"	"	"	"	10/30/06	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>15-MBWC@25N32Y (CPJ1082-17) Water</b> <b>Sampled: 10/25/06 11:50</b> <b>Received: 10/26/06 07:45</b>									
Aluminum	ND	20	µg/L	1	CP08320	10/26/06	10/30/06	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	ND	1.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	11/02/06	"	
Zinc	ND	2.0	"	"	"	"	10/30/06	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>14-SBWC@25N32Y (CPJ1082-18) Water</b> <b>Sampled: 10/25/06 12:00</b> <b>Received: 10/26/06 07:45</b>									
Aluminum	ND	20	µg/L	1	CP08320	10/26/06	10/30/06	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	<b>1.0</b>	1.0	"	"	"	"	"	"	
Iron	<b>71</b>	50	"	"	"	"	11/02/06	"	
Zinc	ND	2.0	"	"	"	"	10/30/06	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>25-WARD Ck at Genesee (CPJ1082-19) Water</b> <b>Sampled: 10/25/06 13:10</b> <b>Received: 10/26/06 07:45</b>									
Aluminum	ND	20	µg/L	1	CP08320	10/26/06	10/30/06	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	ND	1.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	11/02/06	"	
Zinc	ND	2.0	"	"	"	"	10/30/06	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>22-IC at RD112 (CPJ1082-20) Water</b> <b>Sampled: 10/25/06 13:30</b> <b>Received: 10/26/06 07:45</b>									
Aluminum	<b>61</b>	20	µg/L	1	CP08320	10/26/06	10/30/06	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	ND	1.0	"	"	"	"	"	"	
Iron	<b>660</b>	50	"	"	"	"	11/02/06	"	
Zinc	ND	2.0	"	"	"	"	10/30/06	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>24-LGC U/S IC (CPJ1082-21) Water</b> <b>Sampled: 10/25/06 14:00</b> <b>Received: 10/26/06 07:45</b>									
Aluminum	ND	20	µg/L	1	CP08321	10/26/06	10/30/06	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	<b>2.3</b>	1.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	11/02/06	"	

CA DOHS ELAP Accreditation/Registration Number 1233

3249 Fitzgerald Road Rancho Cordova, CA 95742

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# CALIFORNIA LABORATORY SERVICES

11/10/06 14:53

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

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

CLS Work Order #: CPJ1082  
COC #: 74271,74270

## Metals by EPA 200 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>24-LGC U/S IC (CPJ1082-21) Water</b> <b>Sampled: 10/25/06 14:00</b> <b>Received: 10/26/06 07:45</b>									
Zinc	ND	2.0	µg/L	1	CP08321	10/26/06	10/30/06	EPA 200.8	
<b>21-IC D/S LGC (CPJ1082-22) Water</b> <b>Sampled: 10/25/06 14:30</b> <b>Received: 10/26/06 07:45</b>									
<b>Aluminum</b>	<b>56</b>	20	µg/L	1	CP08321	10/26/06	10/30/06	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	ND	1.0	"	"	"	"	"	"	
<b>Iron</b>	<b>580</b>	50	"	"	"	"	11/02/06	"	
Zinc	ND	2.0	"	"	"	"	10/30/06	"	

# CALIFORNIA LABORATORY SERVICES

11/10/06 14:53

CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114	Project: Walker Mine-PCA 13180 Project Number: PCA 13180 Project Manager: Steve Rosenbaum	CLS Work Order #: CPJ1082 COC #: 74271,74270
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## Metals (Dissolved) by EPA 200 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>5-LGC U/S (CPJ1082-01) Water</b> <b>Sampled: 10/24/06 12:30</b> <b>Received: 10/26/06 07:45</b>									
Aluminum	ND	20	µg/L	1	CP08344	10/27/06	10/31/06	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	ND	2.0	"	"	"	"	"	"	
<b>Iron</b>	<b>320</b>	50	"	"	"	"	11/02/06	"	
Zinc	ND	2.0	"	"	"	"	10/31/06	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>3-DC D/S (CPJ1082-02) Water</b> <b>Sampled: 10/24/06 12:40</b> <b>Received: 10/26/06 07:45</b>									
Aluminum	ND	20	µg/L	1	CP08344	10/27/06	10/31/06	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
<b>Copper</b>	<b>4.9</b>	2.0	"	"	"	"	"	"	
<b>Iron</b>	<b>220</b>	50	"	"	"	"	11/02/06	"	
<b>Zinc</b>	<b>2.1</b>	2.0	"	"	"	"	10/31/06	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>1-Portal (CPJ1082-03) Water</b> <b>Sampled: 10/24/06 13:00</b> <b>Received: 10/26/06 07:45</b>									
Aluminum	ND	20	µg/L	1	CP08344	10/27/06	10/31/06	EPA 200.8	
<b>Arsenic</b>	<b>17</b>	5.0	"	"	"	"	"	"	
<b>Copper</b>	<b>84</b>	2.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	11/02/06	"	
<b>Zinc</b>	<b>44</b>	2.0	"	"	"	"	10/31/06	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>2-DC U/S (CPJ1082-04) Water</b> <b>Sampled: 10/24/06 13:10</b> <b>Received: 10/26/06 07:45</b>									
Aluminum	ND	20	µg/L	1	CP08344	10/27/06	10/31/06	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	ND	2.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	11/02/06	"	
Zinc	ND	2.0	"	"	"	"	10/31/06	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>9-LGC Brown's Cabin (CPJ1082-05) Water</b> <b>Sampled: 10/24/06 15:30</b> <b>Received: 10/26/06 07:45</b>									
Aluminum	ND	20	µg/L	1	CP08344	10/27/06	10/31/06	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
<b>Copper</b>	<b>20</b>	2.0	"	"	"	"	"	"	
<b>Iron</b>	<b>390</b>	50	"	"	"	"	11/02/06	"	
<b>Zinc</b>	<b>2.9</b>	2.0	"	"	"	"	10/31/06	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>8-LGC BDC (CPJ1082-06) Water</b> <b>Sampled: 10/24/06 16:00</b> <b>Received: 10/26/06 07:45</b>									
Aluminum	ND	20	µg/L	1	CP08344	10/27/06	10/31/06	EPA 200.8	

# CALIFORNIA LABORATORY SERVICES

11/10/06 14:53

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

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

CLS Work Order #: CPJ1082  
COC #: 74271,74270

## Metals (Dissolved) by EPA 200 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>8-LGC BDC (CPJ1082-06) Water</b> <b>Sampled: 10/24/06 16:00</b> <b>Received: 10/26/06 07:45</b>									
Arsenic	ND	5.0	µg/L	1	CP08344	10/27/06	10/31/06	EPA 200.8	
<b>Copper</b>	<b>21</b>	2.0	"	"	"	"	"	"	
<b>Iron</b>	<b>410</b>	50	"	"	"	"	11/02/06	"	
<b>Zinc</b>	<b>2.9</b>	2.0	"	"	"	"	10/31/06	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>7-LGC ADC (CPJ1082-07) Water</b> <b>Sampled: 10/24/06 16:10</b> <b>Received: 10/26/06 07:45</b>									
Aluminum	ND	20	µg/L	1	CP08344	10/27/06	10/31/06	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	ND	2.0	"	"	"	"	"	"	
<b>Iron</b>	<b>210</b>	50	"	"	"	"	11/02/06	"	
Zinc	ND	2.0	"	"	"	"	10/31/06	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>6-USFS DAM (CPJ1082-08) Water</b> <b>Sampled: 10/24/06 16:20</b> <b>Received: 10/26/06 07:45</b>									
Aluminum	ND	20	µg/L	1	CP08344	10/27/06	10/31/06	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
<b>Copper</b>	<b>44</b>	2.0	"	"	"	"	"	"	
<b>Iron</b>	<b>600</b>	50	"	"	"	"	11/02/06	"	
<b>Zinc</b>	<b>4.2</b>	2.0	"	"	"	"	10/31/06	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>20-LGC CFW (CPJ1082-09) Water</b> <b>Sampled: 10/24/06 16:40</b> <b>Received: 10/26/06 07:45</b>									
Aluminum	ND	20	µg/L	1	CP08344	10/27/06	10/31/06	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
<b>Copper</b>	<b>5.2</b>	2.0	"	"	"	"	"	"	
<b>Iron</b>	<b>76</b>	50	"	"	"	"	11/02/06	"	
Zinc	ND	2.0	"	"	"	"	10/31/06	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>12-MBWC at 25N42 (CPJ1082-10) Water</b> <b>Sampled: 10/24/06 17:00</b> <b>Received: 10/26/06 07:45</b>									
Aluminum	ND	20	µg/L	1	CP08344	10/27/06	10/31/06	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
<b>Copper</b>	<b>2.5</b>	2.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	11/02/06	"	
<b>Zinc</b>	<b>6.9</b>	2.0	"	"	"	"	10/31/06	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>13-NYECK at 25N42 (CPJ1082-11) Water</b> <b>Sampled: 10/24/06 17:25</b> <b>Received: 10/26/06 07:45</b>									
Aluminum	ND	20	µg/L	1	CP08344	10/27/06	10/31/06	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	

# CALIFORNIA LABORATORY SERVICES

11/10/06 14:53

CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114	Project: Walker Mine-PCA 13180 Project Number: PCA 13180 Project Manager: Steve Rosenbaum	CLS Work Order #: CPJ1082 COC #: 74271,74270
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## Metals (Dissolved) by EPA 200 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>13-NYECK at 25N42 (CPJ1082-11) Water</b> <b>Sampled: 10/24/06 17:25</b> <b>Received: 10/26/06 07:45</b>									
Copper	ND	2.0	µg/L	1	CP08344	10/27/06	10/31/06	EPA 200.8	
Iron	ND	50	"	"	"	"	11/02/06	"	
Zinc	ND	2.0	"	"	"	"	10/31/06	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>17-NBWC at 25N42 (CPJ1082-12) Water</b> <b>Sampled: 10/24/06 17:30</b> <b>Received: 10/26/06 07:45</b>									
Aluminum	ND	20	µg/L	1	CP08344	10/27/06	10/31/06	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	ND	2.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	11/02/06	"	
Zinc	ND	2.0	"	"	"	"	10/31/06	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>4-DC @ 48" Culvert (CPJ1082-13) Water</b> <b>Sampled: 10/25/06 09:15</b> <b>Received: 10/26/06 07:45</b>									
Aluminum	ND	20	µg/L	1	CP08344	10/27/06	10/31/06	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	5.4	2.0	"	"	"	"	"	"	
Iron	160	50	"	"	"	"	11/02/06	"	
Zinc	2.1	2.0	"	"	"	"	10/31/06	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>11-SBWC @ 25N42 (CPJ1082-14) Water</b> <b>Sampled: 10/25/06 09:40</b> <b>Received: 10/26/06 07:45</b>									
Aluminum	ND	20	µg/L	1	CP08344	10/27/06	10/31/06	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	ND	2.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	11/02/06	"	
Zinc	7.4	2.0	"	"	"	"	10/31/06	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>18-NBWC@25N32Y (CPJ1082-15) Water</b> <b>Sampled: 10/25/06 11:20</b> <b>Received: 10/26/06 07:45</b>									
Aluminum	ND	20	µg/L	1	CP08344	10/27/06	10/31/06	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	ND	2.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	11/02/06	"	
Zinc	ND	2.0	"	"	"	"	10/31/06	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>16-Nyeck @ 25N32Y (CPJ1082-16) Water</b> <b>Sampled: 10/25/06 11:40</b> <b>Received: 10/26/06 07:45</b>									
Aluminum	ND	20	µg/L	1	CP08344	10/27/06	10/31/06	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	ND	2.0	"	"	"	"	"	"	

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CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114	Project: Walker Mine-PCA 13180 Project Number: PCA 13180 Project Manager: Steve Rosenbaum	CLS Work Order #: CPJ1082 COC #: 74271,74270
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## Metals (Dissolved) by EPA 200 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>16-Nyeck @ 25N32Y (CPJ1082-16) Water</b> <b>Sampled: 10/25/06 11:40</b> <b>Received: 10/26/06 07:45</b>									
Iron	ND	50	µg/L	1	CP08344	10/27/06	11/02/06	EPA 200.8	
Zinc	ND	2.0	"	"	"	"	10/31/06	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>15-MBWC@25N32Y (CPJ1082-17) Water</b> <b>Sampled: 10/25/06 11:50</b> <b>Received: 10/26/06 07:45</b>									
Aluminum	ND	20	µg/L	1	CP08344	10/27/06	10/31/06	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	ND	2.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	11/02/06	"	
Zinc	ND	2.0	"	"	"	"	10/31/06	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>14-SBWC@25N32Y (CPJ1082-18) Water</b> <b>Sampled: 10/25/06 12:00</b> <b>Received: 10/26/06 07:45</b>									
Aluminum	ND	20	µg/L	1	CP08344	10/27/06	10/31/06	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	ND	2.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	11/02/06	"	
Zinc	ND	2.0	"	"	"	"	10/31/06	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>25-WARD Ck at Genesee (CPJ1082-19) Water</b> <b>Sampled: 10/25/06 13:10</b> <b>Received: 10/26/06 07:45</b>									
Aluminum	ND	20	µg/L	1	CP08344	10/27/06	10/31/06	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	ND	2.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	11/02/06	"	
Zinc	ND	2.0	"	"	"	"	10/31/06	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>22-IC at RD112 (CPJ1082-20) Water</b> <b>Sampled: 10/25/06 13:30</b> <b>Received: 10/26/06 07:45</b>									
Aluminum	20	20	µg/L	1	CP08345	10/27/06	10/30/06	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	ND	2.0	"	"	"	"	"	"	
Iron	420	50	"	"	"	"	11/02/06	"	
Zinc	ND	2.0	"	"	"	"	10/30/06	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>24-LGC U/S IC (CPJ1082-21) Water</b> <b>Sampled: 10/25/06 14:00</b> <b>Received: 10/26/06 07:45</b>									
Aluminum	ND	20	µg/L	1	CP08345	10/27/06	10/30/06	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	ND	2.0	"	"	"	"	"	"	
Iron	50	50	"	"	"	"	11/02/06	"	

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## Metals (Dissolved) by EPA 200 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>24-LGC U/S IC (CPJ1082-21) Water</b> <b>Sampled: 10/25/06 14:00</b> <b>Received: 10/26/06 07:45</b>									
Zinc	ND	2.0	µg/L	1	CP08345	10/27/06	10/30/06	EPA 200.8	
Cadmium	ND	0.50	"	"	"	"	"	"	
<b>21-IC D/S LGC (CPJ1082-22) Water</b> <b>Sampled: 10/25/06 14:30</b> <b>Received: 10/26/06 07:45</b>									
Aluminum	ND	20	µg/L	1	CP08345	10/27/06	10/30/06	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	ND	2.0	"	"	"	"	"	"	
<b>Iron</b>	<b>350</b>	50	"	"	"	"	11/02/06	"	
Zinc	ND	2.0	"	"	"	"	10/30/06	"	
Cadmium	ND	0.50	"	"	"	"	"	"	

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

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

CLS Work Order #: CPJ1082  
COC #: 74271,74270

## 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 CP08299 - General Preparation</b>										
<b>Duplicate (CP08299-DUP1)</b>		<b>Source: CPJ1071-02</b>		<b>Prepared &amp; Analyzed: 10/26/06</b>						
pH	7.23	0.001	pH Units		7.19			0.555	20	
<b>Duplicate (CP08299-DUP2)</b>		<b>Source: CPJ1082-22</b>		<b>Prepared &amp; Analyzed: 10/26/06</b>						
pH	7.46	0.001	pH Units		7.42			0.538	20	
<b>Batch CP08313 - 6010A/No Digestion</b>										
<b>Blank (CP08313-BLK1)</b>		<b>Prepared &amp; Analyzed: 10/26/06</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 (CP08313-BS1)</b>		<b>Prepared &amp; Analyzed: 10/26/06</b>								
Calcium	10.8	1.0	mg/L	10.0		108	80-120		20	
Magnesium	10.4	1.0	"	10.0		104	80-120		20	
Potassium	10.6	1.0	"	10.0		106	80-120		20	
Sodium	10.3	1.0	"	10.0		103	80-120		20	
<b>LCS Dup (CP08313-BSD1)</b>		<b>Prepared &amp; Analyzed: 10/26/06</b>								
Calcium	10.9	1.0	mg/L	10.0		109	80-120	0.922	20	
Magnesium	10.4	1.0	"	10.0		104	80-120	0.00	20	
Potassium	10.5	1.0	"	10.0		105	80-120	0.948	20	
Sodium	10.1	1.0	"	10.0		101	80-120	1.96	20	
<b>Matrix Spike (CP08313-MS1)</b>		<b>Source: CPJ0986-01</b>		<b>Prepared &amp; Analyzed: 10/26/06</b>						
Calcium	34.0	1.0	mg/L	10.0	24	100	75-125		25	
Magnesium	23.8	1.0	"	10.0	14	98.0	75-125		25	
Potassium	13.3	1.0	"	10.0	2.3	110	75-125		25	
Sodium	35.2	1.0	"	10.0	25	102	75-125		25	

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

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

CLS Work Order #: CPJ1082  
COC #: 74271,74270

## 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 CP08313 - 6010A/No Digestion</b>										
<b>Matrix Spike Dup (CP08313-MSD1)</b> <b>Source: CPJ0986-01</b> <b>Prepared &amp; Analyzed: 10/26/06</b>										
Calcium	34.6	1.0	mg/L	10.0	24	106	75-125	1.75	25	
Magnesium	23.8	1.0	"	10.0	14	98.0	75-125	0.00	25	
Potassium	12.8	1.0	"	10.0	2.3	105	75-125	3.83	25	
Sodium	34.6	1.0	"	10.0	25	96.0	75-125	1.72	25	
<b>Batch CP08314 - 6010A/No Digestion</b>										
<b>Blank (CP08314-BLK1)</b> <b>Prepared &amp; Analyzed: 10/26/06</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 (CP08314-BS1)</b> <b>Prepared &amp; Analyzed: 10/26/06</b>										
Calcium	10.3	1.0	mg/L	10.0		103	80-120		20	
Magnesium	9.60	1.0	"	10.0		96.0	80-120		20	
Potassium	9.05	1.0	"	10.0		90.5	80-120		20	
Sodium	8.99	1.0	"	10.0		89.9	80-120		20	
<b>LCS Dup (CP08314-BSD1)</b> <b>Prepared &amp; Analyzed: 10/26/06</b>										
Calcium	10.4	1.0	mg/L	10.0		104	80-120	0.966	20	
Magnesium	9.65	1.0	"	10.0		96.5	80-120	0.519	20	
Potassium	9.09	1.0	"	10.0		90.9	80-120	0.441	20	
Sodium	9.03	1.0	"	10.0		90.3	80-120	0.444	20	
<b>Matrix Spike (CP08314-MS1)</b> <b>Source: CPJ1082-04</b> <b>Prepared &amp; Analyzed: 10/26/06</b>										
Calcium	28.9	1.0	mg/L	10.0	19	99.0	75-125		25	
Magnesium	19.0	1.0	"	10.0	9.1	99.0	75-125		25	
Potassium	10.9	1.0	"	10.0	1.0	99.0	75-125		25	
Sodium	13.0	1.0	"	10.0	3.2	98.0	75-125		25	

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## 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
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### Batch CP08314 - 6010A/No Digestion

Matrix Spike Dup (CP08314-MSD1)	Source: CPJ1082-04		Prepared & Analyzed: 10/26/06							
Calcium	28.4	1.0	mg/L	10.0	19	94.0	75-125	1.75	25	
Magnesium	19.0	1.0	"	10.0	9.1	99.0	75-125	0.00	25	
Potassium	11.0	1.0	"	10.0	1.0	100	75-125	0.913	25	
Sodium	13.0	1.0	"	10.0	3.2	98.0	75-125	0.00	25	

### Batch CP08316 - General Preparation

Blank (CP08316-BLK1)	Prepared & Analyzed: 10/26/06									
Methylene Blue Active Substances	ND	0.10	mg/L							

LCS (CP08316-BS1)	Prepared & Analyzed: 10/26/06									
Methylene Blue Active Substances	0.513	0.10	mg/L	0.500		103	80-120		20	

LCS Dup (CP08316-BSD1)	Prepared & Analyzed: 10/26/06									
Methylene Blue Active Substances	0.499	0.10	mg/L	0.500		99.8	80-120	2.77	20	

Matrix Spike (CP08316-MS1)	Source: CPJ1046-10		Prepared & Analyzed: 10/26/06							
Methylene Blue Active Substances	0.417	0.10	mg/L	0.500	ND	83.4	75-125		25	

Matrix Spike Dup (CP08316-MSD1)	Source: CPJ1046-10		Prepared & Analyzed: 10/26/06							
Methylene Blue Active Substances	0.413	0.10	mg/L	0.500	ND	82.6	75-125	0.964	25	

### Batch CP08330 - General Preparation

Blank (CP08330-BLK1)	Prepared & Analyzed: 10/26/06									
Specific Conductance (EC)	ND	1.0	µmhos/cm							

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Rancho Cordova CA, 95670-6114

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

CLS Work Order #: CPJ1082  
COC #: 74271,74270

## 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 CP08339 - General Prep</b>										
<b>Blank (CP08339-BLK1)</b> Prepared & Analyzed: 10/27/06										
Sulfate as SO4	ND	0.50	mg/L							
Chloride	ND	0.50	"							
<b>LCS (CP08339-BS1)</b> Prepared & Analyzed: 10/27/06										
Sulfate as SO4	5.16	0.50	mg/L	5.00		103	80-120		20	
Chloride	2.02	0.50	"	2.00		101	80-120		20	
<b>LCS Dup (CP08339-BSD1)</b> Prepared & Analyzed: 10/27/06										
Chloride	2.03	0.50	mg/L	2.00		102	80-120	0.494	20	
Sulfate as SO4	5.20	0.50	"	5.00		104	80-120	0.772	20	
<b>Matrix Spike (CP08339-MS1)</b> Source: CPJ1091-01 Prepared & Analyzed: 10/27/06										
Sulfate as SO4	22.1	0.50	mg/L	5.00	17	102	75-125		25	
Chloride	11.6	0.50	"	2.00	8.8	140	75-125		25	QM-4X
<b>Matrix Spike Dup (CP08339-MSD1)</b> Source: CPJ1091-01 Prepared & Analyzed: 10/27/06										
Chloride	10.7	0.50	mg/L	2.00	8.8	95.0	75-125	8.07	25	
Sulfate as SO4	22.0	0.50	"	5.00	17	100	75-125	0.454	25	
<b>Batch CP08342 - General Preparation</b>										
<b>Blank (CP08342-BLK1)</b> Prepared & Analyzed: 10/27/06										
Methylene Blue Active Substances	ND	0.10	mg/L							
<b>LCS (CP08342-BS1)</b> Prepared & Analyzed: 10/27/06										
Methylene Blue Active Substances	0.484	0.10	mg/L	0.500		96.8	80-120		20	

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## 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
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### Batch CP08342 - General Preparation

LCS Dup (CP08342-BSD1) <span style="float: right;">Prepared &amp; Analyzed: 10/27/06</span>										
Methylene Blue Active Substances	0.477	0.10	mg/L	0.500		95.4	80-120	1.46	20	
Matrix Spike (CP08342-MS1) <span style="float: right;">Source: CPJ1082-21 Prepared &amp; Analyzed: 10/27/06</span>										
Methylene Blue Active Substances	0.484	0.10	mg/L	0.500	ND	96.8	75-125		25	
Matrix Spike Dup (CP08342-MSD1) <span style="float: right;">Source: CPJ1082-21 Prepared &amp; Analyzed: 10/27/06</span>										
Methylene Blue Active Substances	0.478	0.10	mg/L	0.500	ND	95.6	75-125	1.25	25	

### Batch CP08349 - General Preparation

Blank (CP08349-BLK1) <span style="float: right;">Prepared &amp; Analyzed: 10/27/06</span>										
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	"							

### Batch CP08350 - General Preparation

Blank (CP08350-BLK1) <span style="float: right;">Prepared &amp; Analyzed: 10/27/06</span>										
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	"							

### Batch CP08353 - General Preparation

Blank (CP08353-BLK1) <span style="float: right;">Prepared: 10/27/06 Analyzed: 10/30/06</span>										
Total Dissolved Solids	ND	10	mg/L							

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## 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 CP08355 - General Preparation</b>										
<b>Blank (CP08355-BLK1)</b> Prepared & Analyzed: 10/27/06										
Specific Conductance (EC)	ND	1.0	µmhos/cm							
<b>Batch CP08370 - General Prep</b>										
<b>Blank (CP08370-BLK1)</b> Prepared & Analyzed: 10/30/06										
Sulfate as SO4	ND	0.50	mg/L							
Chloride	ND	0.50	"							
<b>LCS (CP08370-BS1)</b> Prepared & Analyzed: 10/30/06										
Chloride	2.02	0.50	mg/L	2.00		101	80-120		20	
Sulfate as SO4	5.16	0.50	"	5.00		103	80-120		20	
<b>LCS Dup (CP08370-BSD1)</b> Prepared & Analyzed: 10/30/06										
Sulfate as SO4	5.21	0.50	mg/L	5.00		104	80-120	0.964	20	
Chloride	2.03	0.50	"	2.00		102	80-120	0.494	20	
<b>Matrix Spike (CP08370-MS1)</b> Source: CPJ1082-12 Prepared & Analyzed: 10/30/06										
Chloride	2.33	0.50	mg/L	2.00	0.60	86.5	75-125		25	
Sulfate as SO4	5.67	0.50	"	5.00	0.55	102	75-125		25	
<b>Matrix Spike Dup (CP08370-MSD1)</b> Source: CPJ1082-12 Prepared & Analyzed: 10/30/06										
Sulfate as SO4	5.90	0.50	mg/L	5.00	0.55	107	75-125	3.98	25	
Chloride	2.40	0.50	"	2.00	0.60	90.0	75-125	2.96	25	
<b>Batch CP08382 - General Preparation</b>										
<b>Blank (CP08382-BLK1)</b> Prepared & Analyzed: 10/30/06										
Total Dissolved Solids	ND	10	mg/L							

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## Metals by EPA 200 Series Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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### Batch CP08320 - EPA 3020A

Blank (CP08320-BLK1)				Prepared: 10/26/06 Analyzed: 10/30/06						
Aluminum	ND	20	µg/L							
Arsenic	ND	2.0	"							
Copper	ND	1.0	"							
Iron	ND	50	"							
Zinc	ND	2.0	"							
Cadmium	ND	0.50	"							

LCS (CP08320-BS1)				Prepared: 10/26/06 Analyzed: 10/30/06						
Aluminum	105	20	µg/L	100	105	80-120		20		
Arsenic	99.6	2.0	"	100	99.6	80-120		20		
Copper	104	1.0	"	100	104	80-120		20		
Iron	97.0	50	"	100	97.0	80-120		20		
Zinc	111	2.0	"	100	111	80-120		20		
Cadmium	10.3	0.50	"	10.0	103	80-120		20		

LCS Dup (CP08320-BSD1)				Prepared: 10/26/06 Analyzed: 10/30/06						
Aluminum	105	20	µg/L	100	105	80-120	0.00	20		
Arsenic	101	2.0	"	100	101	80-120	1.40	20		
Copper	103	1.0	"	100	103	80-120	0.966	20		
Iron	107	50	"	100	107	80-120	9.80	20		
Zinc	113	2.0	"	100	113	80-120	1.79	20		
Cadmium	10.2	0.50	"	10.0	102	80-120	0.976	20		

Matrix Spike (CP08320-MS1)				Source: CPJ1082-01		Prepared: 10/26/06 Analyzed: 10/30/06				
Aluminum	120	20	µg/L	100	17	103	75-125		25	
Arsenic	110	2.0	"	100	ND	110	75-125		25	
Copper	96.2	1.0	"	100	0.33	95.9	75-125		25	
Iron	611	50	"	100	470	141	75-125		25	QM-7
Zinc	110	2.0	"	100	1.2	109	75-125		25	
Cadmium	11.2	0.50	"	10.0	ND	112	75-125		25	

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## Metals by EPA 200 Series Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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### Batch CP08320 - EPA 3020A

Matrix Spike Dup (CP08320-MSD1)	Source: CPJ1082-01			Prepared: 10/26/06		Analyzed: 10/30/06				
Aluminum	120	20	µg/L	100	17	103	75-125	0.00	25	
Arsenic	106	2.0	"	100	ND	106	75-125	3.70	25	
Copper	92.9	1.0	"	100	0.33	92.6	75-125	3.49	25	
Iron	590	50	"	100	470	120	75-125	3.50	25	
Zinc	105	2.0	"	100	1.2	104	75-125	4.65	25	
Cadmium	10.9	0.50	"	10.0	ND	109	75-125	2.71	25	

### Batch CP08321 - EPA 3020A

Blank (CP08321-BLK1)				Prepared: 10/26/06		Analyzed: 10/30/06				
Aluminum	ND	20	µg/L							
Arsenic	ND	2.0	"							
Copper	ND	1.0	"							
Iron	ND	50	"							
Zinc	ND	2.0	"							

LCS (CP08321-BS1)				Prepared: 10/26/06		Analyzed: 10/30/06				
Aluminum	115	20	µg/L	100		115	80-120		20	
Arsenic	96.7	2.0	"	100		96.7	80-120		20	
Copper	100	1.0	"	100		100	80-120		20	
Iron	86.9	50	"	100		86.9	80-120		20	
Zinc	103	2.0	"	100		103	80-120		20	

LCS Dup (CP08321-BSD1)				Prepared: 10/26/06		Analyzed: 10/30/06				
Aluminum	115	20	µg/L	100		115	80-120	0.00	20	
Arsenic	95.8	2.0	"	100		95.8	80-120	0.935	20	
Copper	100	1.0	"	100		100	80-120	0.00	20	
Iron	102	50	"	100		102	80-120	16.0	20	
Zinc	101	2.0	"	100		101	80-120	1.96	20	

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## 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 CP08321 - EPA 3020A</b>										
<b>Matrix Spike (CP08321-MS1) Source: CPJ1082-21 Prepared: 10/26/06 Analyzed: 10/30/06</b>										
Aluminum	111	20	µg/L	100	ND	111	75-125		25	
Arsenic	94.3	2.0	"	100	ND	94.3	75-125		25	
Copper	95.5	1.0	"	100	2.3	93.2	75-125		25	
Iron	138	50	"	100	30	108	75-125		25	
Zinc	104	2.0	"	100	1.2	103	75-125		25	
<b>Matrix Spike Dup (CP08321-MSD1) Source: CPJ1082-21 Prepared: 10/26/06 Analyzed: 10/30/06</b>										
Aluminum	111	20	µg/L	100	ND	111	75-125	0.00	25	
Arsenic	92.1	2.0	"	100	ND	92.1	75-125	2.36	25	
Copper	94.2	1.0	"	100	2.3	91.9	75-125	1.37	25	
Iron	131	50	"	100	30	101	75-125	5.20	25	
Zinc	102	2.0	"	100	1.2	101	75-125	1.94	25	

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

CLS Work Order #: CPJ1082  
COC #: 74271,74270

## 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 CP08344 - EPA 3020A</b>										
<b>Blank (CP08344-BLK1)</b>										
					Prepared: 10/27/06 Analyzed: 10/31/06					
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 (CP08344-BS1)</b>										
					Prepared: 10/27/06 Analyzed: 10/31/06					
Aluminum	105	20	µg/L	100		105	80-120		20	
Arsenic	88.0	5.0	"	100		88.0	80-120		20	
Copper	102	2.0	"	100		102	80-120		20	
Iron	93.0	50	"	100		93.0	80-120		20	
Zinc	106	2.0	"	100		106	80-120		20	
Cadmium	9.27	0.50	"	10.0		92.7	80-120		20	
<b>LCS Dup (CP08344-BSD1)</b>										
					Prepared: 10/27/06 Analyzed: 10/31/06					
Aluminum	102	20	µg/L	100		102	80-120	2.90	20	
Arsenic	85.4	5.0	"	100		85.4	80-120	3.00	20	
Copper	98.2	2.0	"	100		98.2	80-120	3.80	20	
Iron	101	50	"	100		101	80-120	8.25	20	
Zinc	104	2.0	"	100		104	80-120	1.90	20	
Cadmium	9.39	0.50	"	10.0		93.9	80-120	1.29	20	
<b>Matrix Spike (CP08344-MS1)</b>										
			<b>Source: CPJ1082-19</b>		Prepared: 10/27/06 Analyzed: 10/31/06					
Aluminum	108	20	µg/L	100	ND	108	75-125		25	
Arsenic	82.1	5.0	"	100	ND	82.1	75-125		25	
Copper	105	2.0	"	100	0.70	104	75-125		25	
Iron	153	50	"	100	13	140	75-125		25	QM-7
Zinc	117	2.0	"	100	ND	117	75-125		25	
Cadmium	9.96	0.50	"	10.0	ND	99.6	75-125		25	

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## 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
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### Batch CP08344 - EPA 3020A

Matrix Spike Dup (CP08344-MSD1)	Source: CPJ1082-19		Prepared: 10/27/06		Analyzed: 10/31/06					
Aluminum	107	20	µg/L	100	ND	107	75-125	0.930	25	
Arsenic	80.7	5.0	"	100	ND	80.7	75-125	1.72	25	
Copper	105	2.0	"	100	0.70	104	75-125	0.00	25	
Iron	130	50	"	100	13	117	75-125	16.3	25	
Zinc	118	2.0	"	100	ND	118	75-125	0.851	25	
Cadmium	9.90	0.50	"	10.0	ND	99.0	75-125	0.604	25	

### Batch CP08345 - EPA 3020A

Blank (CP08345-BLK1)	Prepared: 10/27/06		Analyzed: 10/30/06		
Aluminum	ND	20	µg/L		
Arsenic	ND	5.0	"		
Copper	ND	2.0	"		
Iron	ND	50	"		
Zinc	ND	2.0	"		
Cadmium	ND	0.50	"		

LCS (CP08345-BS1)	Prepared: 10/27/06		Analyzed: 10/30/06				
Aluminum	109	20	µg/L	100	109	80-120	20
Arsenic	94.8	5.0	"	100	94.8	80-120	20
Copper	96.8	2.0	"	100	96.8	80-120	20
Iron	85.5	50	"	100	85.5	80-120	20
Zinc	99.1	2.0	"	100	99.1	80-120	20
Cadmium	10.0	0.50	"	10.0	100	80-120	20

LCS Dup (CP08345-BSD1)	Prepared: 10/27/06		Analyzed: 10/30/06					
Aluminum	107	20	µg/L	100	107	80-120	1.85	20
Arsenic	93.4	5.0	"	100	93.4	80-120	1.49	20
Copper	95.3	2.0	"	100	95.3	80-120	1.56	20
Iron	95.0	50	"	100	95.0	80-120	10.5	20
Zinc	100	2.0	"	100	100	80-120	0.904	20
Cadmium	9.61	0.50	"	10.0	96.1	80-120	3.98	20

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

CLS Work Order #: CPJ1082  
COC #: 74271,74270

## 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 CP08345 - EPA 3020A</b>										
<b>Matrix Spike (CP08345-MS1)</b>										
		<b>Source: CPJ1119-03</b>			<b>Prepared: 10/27/06</b>		<b>Analyzed: 10/30/06</b>			
Aluminum	125	20	µg/L	100	31	94.0	75-125		25	
Arsenic	86.6	5.0	"	100	3.0	83.6	75-125		25	
Copper	258	2.0	"	100	180	78.0	75-125		25	
Iron	333	50	"	100	220	113	75-125		25	
Zinc	143	2.0	"	100	54	89.0	75-125		25	
Cadmium	10.0	0.50	"	10.0	ND	100	75-125		25	
<b>Matrix Spike Dup (CP08345-MSD1)</b>										
		<b>Source: CPJ1119-03</b>			<b>Prepared: 10/27/06</b>		<b>Analyzed: 10/30/06</b>			
Aluminum	129	20	µg/L	100	31	98.0	75-125	3.15	25	
Arsenic	86.6	5.0	"	100	3.0	83.6	75-125	0.00	25	
Copper	260	2.0	"	100	180	80.0	75-125	0.772	25	
Iron	347	50	"	100	220	127	75-125	4.12	25	QM-7
Zinc	143	2.0	"	100	54	89.0	75-125	0.00	25	
Cadmium	10.3	0.50	"	10.0	ND	103	75-125	2.96	25	

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

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

**CLS Work Order #: CPJ1082**  
COC #: 74271,74270

## 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.
- 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