

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

CALIFORNIA LABORATORY SERVICES

10/23/07 13:11

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| 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 |
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Conventional Chemistry Parameters by APHA/EPA Methods

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|--------|-----------------|----------|----------|---------|----------|----------|-------------|-------|
| WM 5 LGC U/S (CQJ0438-01) Water 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 | |
| WM 70 U/S (CQJ0438-02) Water 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 | |
| WM 6 USFS DAM (CQJ0438-03) Water 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 | " | " | " | " | " | " | |

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| 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 |
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Conventional Chemistry Parameters by APHA/EPA Methods

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--|--------|-----------------|----------|----------|---------|----------|----------|-------------|-------|
| WM 6 USFS DAM (CQJ0438-03) Water 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-H B | 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 | |
| WM 8 LGC D/S DC (CQJ0438-04) Water 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-H B | 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 | |
| WM 3 DC D/S (CQJ0438-05) Water 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 | " | |

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Conventional Chemistry Parameters by APHA/EPA Methods

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|--------|-----------------|----------|----------|---------|----------|----------|-------------|-------|
| WM 3 DC D/S (CQJ0438-05) Water 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 | |
| WM 1 Portal (CQJ0438-06) Water 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 | |
| WM 2 DC U/S (CQJ0438-07) Water 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 | " | " | " | " | " | " | |

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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 |
|---|--------|-----------------|----------|----------|---------|----------|----------|-------------|-------|
| WM 2 DC U/S (CQJ0438-07) Water 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 | |
| WM 9 LGC At BC (CQJ0438-08) Water 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 | |
| WM 12 MB Ward CK (CQJ0438-09) Water 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 | |

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Conventional Chemistry Parameters by APHA/EPA Methods

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|--------|-----------------|----------|----------|---------|----------|----------|-------------|-------|
| WM 13 NYE CK (CQJ0438-10) Water 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 CaCO3 | 74 | 5.0 | " | " | " | " | " | " | |
| Carbonate as CaCO3 | ND | 5.0 | " | " | " | " | " | " | |
| Hydroxide as CaCO3 | 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 SO4 | 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 | |
| WM 17 NB Ward CK (CQJ0438-11) Water 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 CaCO3 | 85 | 5.0 | " | " | " | " | " | " | |
| Carbonate as CaCO3 | ND | 5.0 | " | " | " | " | " | " | |
| Hydroxide as CaCO3 | 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 SO4 | 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 | |

CALIFORNIA LABORATORY SERVICES

10/23/07 13:11

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| 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 5 LGC U/S (CQJ0438-01) Water Sampled: 10/10/07 10:35 Received: 10/11/07 08:00 | | | | | | | | | |
| Aluminum | 49 | 20 | µg/L | 1 | CQ08455 | 10/11/07 | 10/12/07 | EPA 200.8 | |
| Arsenic | ND | 2.0 | " | " | " | " | " | " | |
| Copper | ND | 1.0 | " | " | " | " | " | " | |
| Iron | 490 | 50 | " | " | " | " | " | " | |
| Zinc | 4.4 | 2.0 | " | " | " | " | " | " | |
| Cadmium | ND | 0.50 | " | " | " | " | " | " | |
| WM 70 U/S (CQJ0438-02) Water Sampled: 10/10/07 11:45 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 | " | " | " | " | " | " | |
| Copper | ND | 1.0 | " | " | " | " | " | " | |
| Iron | 610 | 50 | " | " | " | " | " | " | |
| Zinc | ND | 2.0 | " | " | " | " | " | " | |
| Cadmium | ND | 0.50 | " | " | " | " | " | " | |
| WM 6 USFS DAM (CQJ0438-03) Water 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 | 41 | 1.0 | " | " | " | " | " | " | |
| Iron | 740 | 50 | " | " | " | " | " | " | |
| Zinc | 5.6 | 2.0 | " | " | " | " | " | " | |
| Cadmium | ND | 0.50 | " | " | " | " | " | " | |
| WM 8 LGC D/S DC (CQJ0438-04) Water 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 | 16 | 1.0 | " | " | " | " | " | " | |
| Iron | 630 | 50 | " | " | " | " | " | " | |
| Zinc | 3.9 | 2.0 | " | " | " | " | " | " | |
| Cadmium | ND | 0.50 | " | " | " | " | " | " | |
| WM 3 DC D/S (CQJ0438-05) Water 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 | 33 | 1.0 | " | " | " | " | " | " | |
| Iron | 1000 | 250 | " | 5 | " | " | 10/12/07 | " | |
| Zinc | 4.0 | 2.0 | " | 1 | " | " | 10/12/07 | " | |
| Cadmium | ND | 0.50 | " | " | " | " | " | " | |
| WM 1 Portal (CQJ0438-06) Water 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 | |

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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 1 Portal (CQJ0438-06) Water 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 | 100 100 91 | 1.0 | " | " | " | " | " | " | |
| Iron | ND | 50 | " | " | " | " | " | " | |
| Zinc | 29 | 2.0 | " | " | " | " | " | " | |
| Cadmium | ND | 0.50 | " | " | " | " | " | " | |
| WM 2 DC U/S (CQJ0438-07) Water 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 | " | " | " | " | " | " | |
| WM 9 LGC At BC (CQJ0438-08) Water 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 | " | " | " | " | " | " | |
| WM 12 MB Ward CK (CQJ0438-09) Water 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 | " | " | " | " | " | " | |
| WM 13 NYE CK (CQJ0438-10) Water 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 | " | " | " | " | " | " | |
| WM 17 NB Ward CK (CQJ0438-11) Water 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 | " | " | " | " | " | " | |

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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 | | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--|--------|-----------|------|-------|----------|---------|----------|----------|-----------|-------|
| | | Limit | | | | | | | | |
| 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 | " | " | " | " | " | " | |

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|--|---|---|
| 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 5 LGC U/S (CQJ0438-01) Water 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 | " | " | " | " | " | " | |
| WM 70 U/S (CQJ0438-02) Water 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 | " | " | " | " | " | " | |
| WM 6 USFS DAM (CQJ0438-03) Water 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 | " | " | " | " | " | " | |
| WM 8 LGC D/S DC (CQJ0438-04) Water 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 | " | " | " | " | " | " | |
| WM 3 DC D/S (CQJ0438-05) Water 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 | " | " | " | " | " | " | |
| WM 1 Portal (CQJ0438-06) Water 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 | |

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| 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 1 Portal (CQJ0438-06) Water 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 | " | " | " | " | " | " | |
| WM 2 DC U/S (CQJ0438-07) Water 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 | " | " | " | " | " | " | |
| WM 9 LGC At BC (CQJ0438-08) Water 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 | " | " | " | " | " | " | |
| WM 12 MB Ward CK (CQJ0438-09) Water 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 | " | " | " | " | " | " | |
| WM 13 NYE CK (CQJ0438-10) Water 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 | " | " | " | " | " | " | |
| WM 17 NB Ward CK (CQJ0438-11) Water 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 | " | " | " | " | " | " | |

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| 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 | | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
| | | Limit | Units | | | | | | |
| 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 | " | " | " | " | " | " | |

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

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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 CQ08450 - General Preparation | | | | | | | | | | |
| Matrix Spike Dup (CQ08450-MSD1) Source: CQJ0438-01 Prepared & Analyzed: 10/11/07 | | | | | | | | | | |
| Hexavalent Chromium, Dissolved | 281 | 10 | µg/L | 250 | ND | 112 | 80-120 | 1.17 | 20 | |
| Batch CQ08454 - General Prep | | | | | | | | | | |
| Blank (CQ08454-BLK1) Prepared & Analyzed: 10/11/07 | | | | | | | | | | |
| Sulfate as SO4 | ND | 0.50 | mg/L | | | | | | | |
| Chloride | ND | 0.50 | " | | | | | | | |
| LCS (CQ08454-BS1) Prepared & Analyzed: 10/11/07 | | | | | | | | | | |
| 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 | | | |
| LCS Dup (CQ08454-BSD1) Prepared: 10/11/07 Analyzed: 10/12/07 | | | | | | | | | | |
| 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 | |
| Matrix Spike (CQ08454-MS1) Source: CQJ0438-01 Prepared & Analyzed: 10/11/07 | | | | | | | | | | |
| 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 | | | |
| Matrix Spike Dup (CQ08454-MSD1) Source: CQJ0438-01 Prepared & Analyzed: 10/11/07 | | | | | | | | | | |
| 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 | |
| Batch CQ08461 - General Preparation | | | | | | | | | | |
| Blank (CQ08461-BLK1) Prepared & Analyzed: 10/11/07 | | | | | | | | | | |
| Specific Conductance (EC) | ND | | | | | | | | | 1.0 µmhos/cm |

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 CQ08487 - General Preparation | | | | | | | | | | |
| Blank (CQ08487-BLK1) Prepared & Analyzed: 10/12/07 | | | | | | | | | | |
| Methylene Blue Active Substances | ND | 0.10 | mg/L | | | | | | | |
| LCS (CQ08487-BS1) Prepared & Analyzed: 10/12/07 | | | | | | | | | | |
| Methylene Blue Active Substances | 0.460 | 0.10 | mg/L | 0.500 | | 92.0 | 80-120 | | | |
| LCS Dup (CQ08487-BS1) Prepared & Analyzed: 10/12/07 | | | | | | | | | | |
| Methylene Blue Active Substances | 0.458 | 0.10 | mg/L | 0.500 | | 91.6 | 80-120 | 0.458 | 20 | |
| Matrix Spike (CQ08487-MS1) 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 |
| Matrix Spike Dup (CQ08487-MS1) 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 |
| Batch CQ08496 - General Preparation | | | | | | | | | | |
| Blank (CQ08496-BLK1) 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 | " | | | | | | | |
| Batch CQ08511 - General Preparation | | | | | | | | | | |
| Blank (CQ08511-BLK1) Prepared & Analyzed: 10/15/07 | | | | | | | | | | |
| Total Dissolved Solids | ND | 10 | mg/L | | | | | | | |

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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 CQ08511 - General Preparation | | | | | | | | | | |
| Duplicate (CQ08511-DUP1) | | Source: CQJ0438-01 | | | Prepared & Analyzed: 10/15/07 | | | | | |
| Total Dissolved Solids | 73.0 | 10 | mg/L | | 71.0 | | | 2.78 | 20 | |
| Batch CQ08576 - 6010A/No Digestion | | | | | | | | | | |
| Blank (CQ08576-BLK1) | | Prepared & Analyzed: 10/16/07 | | | | | | | | |
| Calcium | ND | 1.0 | mg/L | | | | | | | |
| Magnesium | ND | 1.0 | " | | | | | | | |
| Potassium | ND | 1.0 | " | | | | | | | |
| Sodium | ND | 1.0 | " | | | | | | | |
| Hardness as CaCO3 | ND | 1.0 | " | | | | | | | |
| LCS (CQ08576-BS1) | | Prepared & Analyzed: 10/16/07 | | | | | | | | |
| 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 | | | |
| LCS Dup (CQ08576-BSD1) | | Prepared & Analyzed: 10/16/07 | | | | | | | | |
| 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 | |
| Matrix Spike (CQ08576-MS1) | | Source: CQJ0438-01 | | | Prepared & Analyzed: 10/16/07 | | | | | |
| 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 | | | |

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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 | |

CALIFORNIA LABORATORY SERVICES

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| | | |
|--|---|---|
| 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 | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|-----------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|-----------|-------------|-----|-----------|-------|

Batch CQ08455 - EPA 3020A

Blank (CQ08455-BLK1)

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 | " | | | | | | | |

LCS (CQ08455-BS1)

Prepared: 10/11/07 Analyzed: 10/12/07

| | | | | | | | | | | |
|----------|------|------|------|------|--|------|--------|--|--|--|
| Aluminum | 104 | 20 | µg/L | 100 | | 104 | 80-120 | | | |
| Arsenic | 102 | 2.0 | " | 100 | | 102 | 80-120 | | | |
| Copper | 97.6 | 1.0 | " | 100 | | 97.6 | 80-120 | | | |
| Iron | 96.2 | 50 | " | 100 | | 96.2 | 80-120 | | | |
| Zinc | 100 | 2.0 | " | 100 | | 100 | 80-120 | | | |
| Cadmium | 9.62 | 0.50 | " | 10.0 | | 96.2 | 80-120 | | | |

LCS Dup (CQ08455-BSD1)

Prepared: 10/11/07 Analyzed: 10/12/07

| | | | | | | | | | | |
|----------|------|------|------|------|--|------|--------|-------|----|--|
| Aluminum | 105 | 20 | µg/L | 100 | | 105 | 80-120 | 1.10 | 20 | |
| Arsenic | 101 | 2.0 | " | 100 | | 101 | 80-120 | 0.917 | 20 | |
| Copper | 99.0 | 1.0 | " | 100 | | 99.0 | 80-120 | 1.35 | 20 | |
| Iron | 98.3 | 50 | " | 100 | | 98.3 | 80-120 | 2.10 | 20 | |
| Zinc | 101 | 2.0 | " | 100 | | 101 | 80-120 | 0.259 | 20 | |
| Cadmium | 9.73 | 0.50 | " | 10.0 | | 97.3 | 80-120 | 1.14 | 20 | |

Matrix Spike (CQ08455-MS1)

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

3249 Fitzgerald Road Rancho Cordova, CA 95742

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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 | |

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| | | |
|--|---|---|
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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 |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch CQ08495 - EPA 3020A

Blank (CQ08495-BLK1)

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 | " | | | | | | | |

LCS (CQ08495-BS1)

Prepared: 10/12/07 Analyzed: 10/15/07

| | | | | | | | | | | |
|----------|------|------|------|------|--|------|--------|--|--|--|
| Aluminum | 105 | 20 | µg/L | 100 | | 105 | 80-120 | | | |
| Arsenic | 112 | 5.0 | " | 100 | | 112 | 80-120 | | | |
| Copper | 105 | 2.0 | " | 100 | | 105 | 80-120 | | | |
| Iron | 82.0 | 50 | " | 100 | | 82.0 | 80-120 | | | |
| Zinc | 110 | 2.0 | " | 100 | | 110 | 80-120 | | | |
| Cadmium | 11.2 | 0.50 | " | 10.0 | | 112 | 80-120 | | | |

LCS Dup (CQ08495-BSD1)

Prepared: 10/12/07 Analyzed: 10/15/07

| | | | | | | | | | | |
|----------|------|------|------|------|--|------|--------|--------|----|--|
| Aluminum | 107 | 20 | µg/L | 100 | | 107 | 80-120 | 1.67 | 20 | |
| Arsenic | 112 | 5.0 | " | 100 | | 112 | 80-120 | 0.0714 | 20 | |
| Copper | 106 | 2.0 | " | 100 | | 106 | 80-120 | 0.917 | 20 | |
| Iron | 94.5 | 50 | " | 100 | | 94.5 | 80-120 | 14.2 | 20 | |
| Zinc | 111 | 2.0 | " | 100 | | 111 | 80-120 | 0.724 | 20 | |
| Cadmium | 10.8 | 0.50 | " | 10.0 | | 108 | 80-120 | 3.62 | 20 | |

Matrix Spike (CQ08495-MS1)

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

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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