THE TWINING LABORATORIES, INC.
EST. 1898
CALIFORNIA ELAP CERTIFICATE #1371

2527 Fresno Street
Fresno, CA 93721
(559) 268-7021 Phone
(559) 268-0740 Fax

November 08, 2006

Work Order #: 6J26012

Cindy Poire
URS
130 Robin Hill Road, Ste 100
Santa Barbara, CA 93117

RE: Panoche Energy Center

Enclosed are the analytical results for samples received by our laboratory on 10/26/06 . For your reference, these analyses have been assigned laboratory work order number 6J26012 .

All analyses have been performed according to our laboratory's quality assurance program. All results are intended to be considered in their entirety, The Twining Laboratories, Inc. (TL) is not responsible for use of less than complete reports. Results apply only to samples analyzed.

If you have any questions, please feel free to contact us at the number listed above.

Sincerely,

The Twining Laboratories, Inc.

Ronald J. Boquist
Director of Analytical Chemistry

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Fresno, CA 93721
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URS	Project: Panoche Energy Center	
130 Robin Hill Road, Ste 100	Project Number: 28906795.00200	**Reported:**
Santa Barbara CA, 93117	Project Manager: Cindy Poire	11/08/06 1

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1	6J26012-01	Ground Water	10/25/06 15:00	10/26/06 11:20
MW-2	6J26012-02	Ground Water	10/25/06 15:15	10/26/06 11:20
MW-4	6J26012-03	Ground Water	10/25/06 15:30	10/26/06 11:20
MW-5	6J26012-04	Ground Water	10/25/06 15:45	10/26/06 11:20

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URS	Project: Panoche Energy Center	
130 Robin Hill Road, Ste 100	Project Number: 28906795.00200	**Reported:**
Santa Barbara CA, 93117	Project Manager: Cindy Poire	11/08/06 1

MW-1

6J26012-01 (Ground Water) Sampled: 10/25/06 15:00

Analyte		Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes.
Inorganics										
Total Alkalinity as CaCO3		**180**	20	mg/L	1	T6K0306	11/03/06	11/03/06	SM 2320B	
Bicarbonate Alkalinity as HCO3		**200**	20	mg/L	1	T6K0306	11/03/06	11/03/06	SM 2320B	
Carbonate Alkalinity as CO3		ND	20	mg/L	1	T6K0306	11/03/06	11/03/06	SM 2320B	
Hydroxide Alkalinity as OH		ND	20	mg/L	1	T6K0306	11/03/06	11/03/06	SM 2320B	
Ammonia as N		ND	1.0	mg/L	1	T6J3103	10/31/06	11/01/06	EPA 350.2	
Biochemical Oxygen Demand		ND	1.0	mg/L	1	T6J2709	10/27/06	11/01/06	SM5210B/EPA 405.1	
Chloride		**85**	6.0	mg/L	3	T6J2601	10/26/06	10/26/06	EPA 300.0	
Chemical Oxygen Demand		ND	10	mg/L	1	T6K0315	11/03/06	11/03/06	EPA 410.1	
Cyanide (total)		ND	5.0	µg/L	1	T6J3010	10/31/06	11/03/06	SM4500CN-E	
Specific Conductance (EC)		**1500**	1.0	µS/cm	1	T6J2616	10/26/06	10/26/06	SM2510B	
Fluoride		**0.60**	0.30	mg/L	3	T6J2601	10/26/06	10/26/06	EPA 300.0	
Hardness		**40**	0.66	mg equiv. CaCO3/L	1	[CALC]	10/31/06	11/01/06	[CALC]	
Methylene Blue Active Substances		ND	0.050	mg/L	1	T6J2710	10/27/06	10/27/06	SM5540C	
Nitrate as NO3		ND	6.0	mg/L	3	T6J2601	10/26/06	10/26/06	EPA 300.0	
Orthophosphate as P		ND	1.5	mg/L	3	T6J2601	10/26/06	10/26/06	EPA 300.0	
pH		**8.9**	0.10	pH Units	1	T6J2615	10/26/06	10/26/06	EPA 150.1	
Phosphorus		**0.12**	0.10	mg/L	1	T6J3003	10/30/06	10/31/06	EPA 365.4	
Sulfate as SO4		**440**	20	mg/L	10	T6J2703	10/27/06	10/27/06	EPA 300.0	
Sulfide	*	ND	1.0	mg/L	1	T6J3004	10/30/06	10/30/06	EPA 376.1	
Total Dissolved Solids		**1100**	20	mg/L	2	T6J3107	10/31/06	11/03/06	EPA 160.1	
Total Organic Carbon		**1.0**	1.0	mg/L	1	T6K0613	11/06/06	11/07/06	SM5310B	
Total Suspended Solids		**110**	6.7	mg/L	1.67	T6J3108	10/31/06	11/01/06	EPA 160.2	
Turbidity	HT	**89**	0.080	NTU	4	T6J3014	10/30/06	10/30/06	EPA 180.1	
Metals										
Mercury		ND	0.20	µg/L	1	T6J3006	10/30/06	10/30/06	EPA 245.1	
Metals - Dissolved										
Aluminum		ND	0.050	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Antimony		ND	0.0050	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Arsenic		ND	0.010	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Barium		**0.19**	0.010	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Beryllium		ND	0.0010	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Boron		**2.9**	0.050	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Cadmium		ND	0.0010	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	

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URS	Project: Panoche Energy Center	
130 Robin Hill Road, Ste 100	Project Number: 28906795.00200	**Reported:**
Santa Barbara CA, 93117	Project Manager: Cindy Poire	11/08/06 1

MW-1

6J26012-01 (Ground Water) Sampled: 10/25/06 15:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes.
Metals - Dissolved									
Calcium	**11**	0.10	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Chromium	ND	0.0050	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Cobalt	ND	0.0020	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Copper	ND	0.0050	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Iron	**5.9**	0.10	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Lead	ND	0.0050	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Magnesium	**3.1**	0.10	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Manganese	**0.12**	0.0050	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Molybdenum	**0.040**	0.0050	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Nickel	ND	0.0050	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Potassium	**4.7**	1.0	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Selenium	ND	0.020	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Silica (SiO2)	**31**	0.20	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Silicon	**14**	0.10	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Silver	ND	0.0050	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Sodium	**300**	1.0	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Strontium	**0.114**	0.00200	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Thallium	ND	0.020	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Tin	ND	0.010	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Titanium	ND	0.0100	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Vanadium	ND	0.010	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Zinc	**0.015**	0.0050	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	

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URS	Project: Panoche Energy Center	
130 Robin Hill Road, Ste 100	Project Number: 28906795.00200	Reported:
Santa Barbara CA, 93117	Project Manager: Cindy Poire	11/08/06 1

MW-2

6J26012-02 (Ground Water) Sampled: 10/25/06 15:15

Analyte		Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes.
Inorganics										
Total Alkalinity as CaCO3		**110**	20	mg/L	1	T6K0306	11/03/06	11/03/06	SM 2320B	
Bicarbonate Alkalinity as HCO3		**130**	20	mg/L	1	T6K0306	11/03/06	11/03/06	SM 2320B	
Carbonate Alkalinity as CO3		ND	20	mg/L	1	T6K0306	11/03/06	11/03/06	SM 2320B	
Hydroxide Alkalinity as OH		ND	20	mg/L	1	T6K0306	11/03/06	11/03/06	SM 2320B	
Ammonia as N		ND	1.0	mg/L	1	T6J3103	10/31/06	11/01/06	EPA 350.2	
Biochemical Oxygen Demand		ND	1.0	mg/L	1	T6J2709	10/27/06	11/01/06	SM5210B/EPA 405.1	
Chloride		**40**	6.0	mg/L	3	T6J2601	10/26/06	10/26/06	EPA 300.0	
Chemical Oxygen Demand		**26**	10	mg/L	1	T6K0315	11/03/06	11/03/06	EPA 410.1	
Cyanide (total)		ND	5.0	µg/L	1	T6J3010	10/31/06	11/03/06	SM4500CN-E	
Specific Conductance (EC)		**1100**	1.0	µS/cm	1	T6J2616	10/26/06	10/26/06	SM2510B	
Fluoride		**0.56**	0.30	mg/L	3	T6J2601	10/26/06	10/26/06	EPA 300.0	
Hardness		**56**	0.66	mg equiv. CaCO3/L	1	[CALC]	10/31/06	11/01/06	[CALC]	
Methylene Blue Active Substances		ND	0.050	mg/L	1	T6J2710	10/27/06	10/27/06	SM5540C	
Nitrate as NO3		ND	6.0	mg/L	3	T6J2601	10/26/06	10/26/06	EPA 300.0	
Orthophosphate as P		ND	1.5	mg/L	3	T6J2601	10/26/06	10/26/06	EPA 300.0	
pH		**8.6**	0.10	pH Units	1	T6J2615	10/26/06	10/26/06	EPA 150.1	
Phosphorus		**0.14**	0.10	mg/L	1	T6J3003	10/30/06	10/31/06	EPA 365.4	
Sulfate as SO4		**380**	20	mg/L	10	T6J2703	10/27/06	10/27/06	EPA 300.0	
Sulfide	*	ND	1.0	mg/L	1	T6J3004	10/30/06	10/30/06	EPA 376.1	
Total Dissolved Solids		**840**	10	mg/L	1	T6J3107	10/31/06	11/03/06	EPA 160.1	
Total Organic Carbon		ND	1.0	mg/L	1	T6K0613	11/06/06	11/07/06	SM5310B	
Total Suspended Solids		**25**	6.7	mg/L	1.67	T6J3108	10/31/06	11/01/06	EPA 160.2	
Turbidity	HT	**52**	0.080	NTU	4	T6J3014	10/30/06	10/30/06	EPA 180.1	
Metals										
Mercury		ND	0.20	µg/L	1	T6J3006	10/30/06	10/30/06	EPA 245.1	
Metals - Dissolved										
Aluminum		ND	0.050	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Antimony		ND	0.0050	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Arsenic		ND	0.010	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Barium		**0.16**	0.010	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Beryllium		ND	0.0010	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Boron		**1.6**	0.050	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Cadmium		ND	0.0010	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	

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URS	Project: Panoche Energy Center	
130 Robin Hill Road, Ste 100	Project Number: 28906795.00200	**Reported:**
Santa Barbara CA, 93117	Project Manager: Cindy Poire	11/08/06 1

MW-2

6J26012-02 (Ground Water) Sampled: 10/25/06 15:15

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes.
Metals - Dissolved									
Calcium	**20**	0.10	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Chromium	ND	0.0050	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Cobalt	ND	0.0020	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Copper	ND	0.0050	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Iron	**3.9**	0.10	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Lead	ND	0.0050	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Magnesium	**1.4**	0.10	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Manganese	**0.080**	0.0050	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Molybdenum	**0.023**	0.0050	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Nickel	ND	0.0050	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Potassium	**4.2**	1.0	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Selenium	ND	0.020	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Silica (SiO2)	**33**	0.20	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Silicon	**15**	0.10	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Silver	ND	0.0050	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Sodium	**220**	1.0	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Strontium	**0.0510**	0.00200	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Thallium	ND	0.020	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Tin	ND	0.010	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Titanium	ND	0.0100	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Vanadium	ND	0.010	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Zinc	**0.027**	0.0050	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	

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URS	Project: Panoche Energy Center	
130 Robin Hill Road, Ste 100	Project Number: 28906795.00200	**Reported:**
Santa Barbara CA, 93117	Project Manager: Cindy Poire	11/08/06 1

MW-4

6J26012-03 (Ground Water) Sampled: 10/25/06 15:30

Analyte		Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes.
Inorganics										
Total Alkalinity as CaCO3		**180**	20	mg/L	1	T6K0306	11/03/06	11/03/06	SM 2320B	
Bicarbonate Alkalinity as HCO3		**200**	20	mg/L	1	T6K0306	11/03/06	11/03/06	SM 2320B	
Carbonate Alkalinity as CO3		ND	20	mg/L	1	T6K0306	11/03/06	11/03/06	SM 2320B	
Hydroxide Alkalinity as OH		ND	20	mg/L	1	T6K0306	11/03/06	11/03/06	SM 2320B	
Ammonia as N		ND	1.0	mg/L	1	T6J3103	10/31/06	11/01/06	EPA 350.2	
Biochemical Oxygen Demand		ND	1.0	mg/L	1	T6J2709	10/27/06	11/01/06	SM5210B/EPA 405.1	
Chloride		**85**	6.0	mg/L	3	T6J2601	10/26/06	10/26/06	EPA 300.0	
Chemical Oxygen Demand		ND	10	mg/L	1	T6K0315	11/03/06	11/03/06	EPA 410.1	
Cyanide (total)		ND	5.0	µg/L	1	T6J3010	10/31/06	11/03/06	SM4500CN-E	
Specific Conductance (EC)		**1500**	1.0	µS/cm	1	T6J2616	10/26/06	10/26/06	SM2510B	
Fluoride		**0.68**	0.30	mg/L	3	T6J2601	10/26/06	10/26/06	EPA 300.0	
Hardness		**41**	0.66	mg equiv. CaCO3/L	1	[CALC]	10/31/06	11/01/06	[CALC]	
Methylene Blue Active Substances		ND	0.050	mg/L	1	T6J2710	10/27/06	10/27/06	SM5540C	
Nitrate as NO3		ND	6.0	mg/L	3	T6J2601	10/26/06	10/26/06	EPA 300.0	
Orthophosphate as P		ND	1.5	mg/L	3	T6J2601	10/26/06	10/26/06	EPA 300.0	
pH		**9.0**	0.10	pH Units	1	T6J2615	10/26/06	10/26/06	EPA 150.1	
Phosphorus		**0.16**	0.10	mg/L	1	T6J3003	10/30/06	10/31/06	EPA 365.4	
Sulfate as SO4		**440**	20	mg/L	10	T6J2703	10/27/06	10/27/06	EPA 300.0	
Sulfide	*	ND	1.0	mg/L	1	T6J3004	10/30/06	10/30/06	EPA 376.1	
Total Dissolved Solids		**1100**	20	mg/L	2	T6J3107	10/31/06	11/03/06	EPA 160.1	
Total Organic Carbon		ND	1.0	mg/L	1	T6K0613	11/06/06	11/07/06	SM5310B	
Total Suspended Solids		**94**	6.7	mg/L	1.67	T6J3108	10/31/06	11/01/06	EPA 160.2	
Turbidity	HT	**87**	0.080	NTU	4	T6J3014	10/30/06	10/30/06	EPA 180.1	
Metals										
Mercury		ND	0.20	µg/L	1	T6J3006	10/30/06	10/30/06	EPA 245.1	
Metals - Dissolved										
Aluminum		ND	0.050	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Antimony		ND	0.0050	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Arsenic		ND	0.010	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Barium		**0.18**	0.010	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Beryllium		ND	0.0010	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Boron		**3.0**	0.050	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Cadmium		ND	0.0010	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	

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URS	Project: Panoche Energy Center	
130 Robin Hill Road, Ste 100	Project Number: 28906795.00200	**Reported:**
Santa Barbara CA, 93117	Project Manager: Cindy Poire	11/08/06 1

MW-4

6J26012-03 (Ground Water) Sampled: 10/25/06 15:30

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes.
Metals - Dissolved									
Calcium	**11**	0.10	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Chromium	ND	0.0050	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Cobalt	ND	0.0020	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Copper	ND	0.0050	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Iron	**5.8**	0.10	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Lead	ND	0.0050	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Magnesium	**3.2**	0.10	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Manganese	**0.12**	0.0050	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Molybdenum	**0.041**	0.0050	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Nickel	ND	0.0050	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Potassium	**4.9**	1.0	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Selenium	ND	0.020	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Silica (SiO2)	**32**	0.20	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Silicon	**15**	0.10	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Silver	ND	0.0050	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Sodium	**310**	1.0	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Strontium	**0.118**	0.00200	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Thallium	ND	0.020	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Tin	ND	0.010	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Titanium	ND	0.0100	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Vanadium	ND	0.010	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Zinc	**0.017**	0.0050	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	

THE TWINING LABORATORIES, INC.
EST. 1898
CALIFORNIA ELAP CERTIFICATE #1371

2527 Fresno Street
Fresno, CA 93721
(559) 268-7021 Phone
(559) 268-0740 Fax

URS	Project: Panoche Energy Center	
130 Robin Hill Road, Ste 100	Project Number: 28906795.00200	Reported:
Santa Barbara CA, 93117	Project Manager: Cindy Poire	11/08/06 1

MW-5

6J26012-04 (Ground Water) Sampled: 10/25/06 15:45

Analyte		Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes.
Inorganics										
Total Alkalinity as CaCO3		**110**	20	mg/L	1	T6K0306	11/03/06	11/03/06	SM 2320B	
Bicarbonate Alkalinity as HCO3		**140**	20	mg/L	1	T6K0306	11/03/06	11/03/06	SM 2320B	
Carbonate Alkalinity as CO3		ND	20	mg/L	1	T6K0306	11/03/06	11/03/06	SM 2320B	
Hydroxide Alkalinity as OH		ND	20	mg/L	1	T6K0306	11/03/06	11/03/06	SM 2320B	
Ammonia as N		ND	1.0	mg/L	1	T6J3103	10/31/06	11/01/06	EPA 350.2	
Biochemical Oxygen Demand		ND	1.0	mg/L	1	T6J2709	10/27/06	11/01/06	SM5210B/EPA 405.1	
Chloride		**41**	6.0	mg/L	3	T6J2601	10/26/06	10/26/06	EPA 300.0	
Chemical Oxygen Demand		ND	10	mg/L	1	T6K0315	11/03/06	11/03/06	EPA 410.1	
Cyanide (total)		ND	5.0	µg/L	1	T6J3010	11/01/06	11/03/06	SM4500CN-E	
Specific Conductance (EC)		**1100**	1.0	µS/cm	1	T6J2616	10/26/06	10/26/06	SM2510B	
Fluoride		**0.59**	0.30	mg/L	3	T6J2601	10/26/06	10/26/06	EPA 300.0	
Hardness		**56**	0.66	mg equiv. CaCO3/L	1	[CALC]	10/31/06	11/01/06	[CALC]	
Methylene Blue Active Substances		ND	0.050	mg/L	1	T6J2710	10/27/06	10/27/06	SM5540C	
Nitrate as NO3		ND	6.0	mg/L	3	T6J2601	10/26/06	10/26/06	EPA 300.0	
Orthophosphate as P		ND	1.5	mg/L	3	T6J2601	10/26/06	10/26/06	EPA 300.0	
pH		**8.6**	0.10	pH Units	1	T6J2615	10/26/06	10/26/06	EPA 150.1	
Phosphorus		ND	0.10	mg/L	1	T6J3003	10/30/06	10/31/06	EPA 365.4	
Sulfate as SO4		**400**	20	mg/L	10	T6J2703	10/27/06	10/27/06	EPA 300.0	
Sulfide	*	ND	1.0	mg/L	1	T6J3004	10/30/06	10/30/06	EPA 376.1	
Total Dissolved Solids		**840**	10	mg/L	1	T6J3107	10/31/06	11/03/06	EPA 160.1	
Total Organic Carbon		**1.0**	1.0	mg/L	1	T6K0613	11/06/06	11/07/06	SM5310B	
Total Suspended Solids		**15**	5.0	mg/L	1.25	T6J3108	10/31/06	11/01/06	EPA 160.2	
Turbidity	HT	**45**	0.080	NTU	4	T6J3014	10/30/06	10/30/06	EPA 180.1	
Metals - Dissolved										
Aluminum		ND	0.050	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Antimony		ND	0.0050	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Arsenic		ND	0.010	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Barium		**0.16**	0.010	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Beryllium		ND	0.0010	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Boron		**1.7**	0.050	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Cadmium		ND	0.0010	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Calcium		**20**	0.10	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Chromium		ND	0.0050	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Cobalt		ND	0.0020	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	

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URS	Project: Panoche Energy Center	
130 Robin Hill Road, Ste 100	Project Number: 28906795.00200	Reported:
Santa Barbara CA, 93117	Project Manager: Cindy Poire	11/08/06 1

MW-5

6J26012-04 (Ground Water) Sampled: 10/25/06 15:45

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes.
Metals - Dissolved									
Copper	ND	0.0050	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Iron	**3.3**	0.10	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Lead	ND	0.0050	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Magnesium	**1.5**	0.10	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Manganese	**0.076**	0.0050	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Mercury	ND	0.20	µg/L	1	T6J3006	10/30/06	10/30/06	EPA 245.1	
Molybdenum	**0.022**	0.0050	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Nickel	ND	0.0050	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Potassium	**4.3**	1.0	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Selenium	ND	0.020	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Silica (SiO2)	**33**	0.20	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Silicon	**15**	0.10	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Silver	ND	0.0050	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Sodium	**230**	1.0	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Strontium	**0.0509**	0.00200	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Thallium	ND	0.020	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Tin	ND	0.010	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Titanium	ND	0.0100	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Vanadium	ND	0.010	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	
Zinc	**0.027**	0.0050	mg/L	1	T6J3110	10/31/06	11/01/06	EPA 200.7	

Notes and Definitions

QL	Sample results for the QC batch were accepted based on LCS/LCSD percent recoveries and RPD values.
Q4	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.
M	Matrix interference noted.
HT	This result was analyzed outside of the EPA recommended holding time.
*	Samples were orange in color. Possible matrix interference.
ug/L	micrograms per liter (parts per billion concentration units)
mg/L	milligrams per kilogram (parts per million concentration units)
mg/kg	milligrams per liter (parts per million concentration units)
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference

Inorganics - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch T6J2601 - No Prep										
Blank (T6J2601-BLK1)				Prepared & Analyzed: 10/26/06						
Fluoride	ND	0.10	mg/L							
Orthophosphate as P	ND	0.50	mg/L							
Chloride	ND	2.0	mg/L							
Nitrate as NO3	ND	2.0	mg/L							
Sulfate as SO4	ND	2.0	mg/L							
Blank (T6J2601-BLK2)				Prepared & Analyzed: 10/26/06						
Fluoride	ND	0.10	mg/L							
Chloride	ND	2.0	mg/L							
Orthophosphate as P	ND	0.50	mg/L							
Nitrate as NO3	ND	2.0	mg/L							
Sulfate as SO4	ND	2.0	mg/L							
LCS (T6J2601-BS1)				Prepared & Analyzed: 10/26/06						
Fluoride	2.01	0.10	mg/L	2.00		100	90-110		20	
Chloride	24.2	2.0	mg/L	25.0		96.8	90-110		20	
Orthophosphate as P	4.86	0.50	mg/L	5.00		97.2	90-110		20	
Nitrate as NO3	24.1	2.0	mg/L	25.0		96.4	90-110		20	
Sulfate as SO4	24.1	2.0	mg/L	25.0		96.4	90-110		20	
LCS (T6J2601-BS2)				Prepared: 10/26/06 Analyzed: 10/27/06						
Fluoride	1.92	0.10	mg/L	2.00		96.0	90-110		20	
Chloride	23.5	2.0	mg/L	25.0		94.0	90-110		20	
Orthophosphate as P	4.78	0.50	mg/L	5.00		95.6	90-110		20	
Nitrate as NO3	24.0	2.0	mg/L	25.0		96.0	90-110		20	
Sulfate as SO4	23.7	2.0	mg/L	25.0		94.8	90-110		20	
LCS Dup (T6J2601-BSD1)				Prepared & Analyzed: 10/26/06						
Fluoride	2.00	0.10	mg/L	2.00		100	90-110	0.499	20	
Orthophosphate as P	5.09	0.50	mg/L	5.00		102	90-110	4.62	20	
Chloride	24.5	2.0	mg/L	25.0		98.0	90-110	1.23	20	
Nitrate as NO3	24.5	2.0	mg/L	25.0		98.0	90-110	1.65	20	
Sulfate as SO4	24.5	2.0	mg/L	25.0		98.0	90-110	1.65	20	
LCS Dup (T6J2601-BSD2)				Prepared: 10/26/06 Analyzed: 10/27/06						
Fluoride	1.89	0.10	mg/L	2.00		94.5	90-110	1.57	20	
Orthophosphate as P	4.88	0.50	mg/L	5.00		97.6	90-110	2.07	20	
Chloride	23.3	2.0	mg/L	25.0		93.2	90-110	0.855	20	
Nitrate as NO3	23.8	2.0	mg/L	25.0		95.2	90-110	0.837	20	
Sulfate as SO4	23.7	2.0	mg/L	25.0		94.8	90-110	0.00	20	
Matrix Spike (T6J2601-MS1)		**Source: 6J25026-07**		Prepared & Analyzed: 10/26/06						
Fluoride	2.15	0.10	mg/L	2.00	0.19	98.0	48.9-155		20	
Chloride	36.8	2.0	mg/L	25.0	11	103	48-147		15	
Orthophosphate as P	3.86	0.50	mg/L	5.00	ND	77.2	80-120		20	M
Nitrate as NO3	30.6	2.0	mg/L	25.0	5.1	102	70-130		20	
Sulfate as SO4	33.1	2.0	mg/L	25.0	7.8	101	70-130		20	
Matrix Spike (T6J2601-MS2)		**Source: 6J25032-01**		Prepared & Analyzed: 10/26/06						
Fluoride	2.22	0.10	mg/L	2.00	0.14	104	48.9-155		20	
Chloride	41.0	2.0	mg/L	25.0	14	108	48-147		15	
Orthophosphate as P	2.78	0.50	mg/L	5.00	ND	55.6	80-120		20	M
Nitrate as NO3	43.4	2.0	mg/L	25.0	16	110	70-130		20	
Sulfate as SO4	36.3	2.0	mg/L	25.0	11	101	70-130		20	

Inorganics - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch T6J2601 - No Prep										
Matrix Spike (T6J2601-MS3)		**Source: 6J26010-04**		Prepared & Analyzed: 10/26/06						
Fluoride	2.23	0.10	mg/L	2.00	0.15	104	48.9-155		20	
Orthophosphate as P	5.38	0.50	mg/L	5.00	0.31	101	80-120		20	
Chloride	26.4	2.0	mg/L	25.0	2.3	96.4	48-147		15	
Nitrate as NO3	26.6	2.0	mg/L	25.0	1.5	100	70-130		20	
Sulfate as SO4	28.0	2.0	mg/L	25.0	2.5	102	70-130		20	
Matrix Spike Dup (T6J2601-MSD1)		**Source: 6J25026-07**		Prepared & Analyzed: 10/26/06						
Fluoride	2.08	0.10	mg/L	2.00	0.19	94.5	48.9-155	3.31	20	
Orthophosphate as P	3.72	0.50	mg/L	5.00	ND	74.4	80-120	3.69	20	M
Chloride	37.0	2.0	mg/L	25.0	11	104	48-147	0.542	15	
Nitrate as NO3	30.8	2.0	mg/L	25.0	5.1	103	70-130	0.651	20	
Sulfate as SO4	32.9	2.0	mg/L	25.0	7.8	100	70-130	0.606	20	
Matrix Spike Dup (T6J2601-MSD2)		**Source: 6J25032-01**		Prepared & Analyzed: 10/26/06						
Fluoride	2.05	0.10	mg/L	2.00	0.14	95.5	48.9-155	7.96	20	
Chloride	40.3	2.0	mg/L	25.0	14	105	48-147	1.72	15	
Orthophosphate as P	2.60	0.50	mg/L	5.00	ND	52.0	80-120	6.69	20	M
Nitrate as NO3	42.7	2.0	mg/L	25.0	16	107	70-130	1.63	20	
Sulfate as SO4	36.0	2.0	mg/L	25.0	11	100	70-130	0.830	20	
Matrix Spike Dup (T6J2601-MSD3)		**Source: 6J26010-04**		Prepared & Analyzed: 10/26/06						
Fluoride	2.23	0.10	mg/L	2.00	0.15	104	48.9-155	0.00	20	
Orthophosphate as P	5.52	0.50	mg/L	5.00	0.31	104	80-120	2.57	20	
Chloride	26.6	2.0	mg/L	25.0	2.3	97.2	48-147	0.755	15	
Nitrate as NO3	26.9	2.0	mg/L	25.0	1.5	102	70-130	1.12	20	
Sulfate as SO4	28.1	2.0	mg/L	25.0	2.5	102	70-130	0.357	20	
Batch T6J2615 - No Prep										
LCS (T6J2615-BS1)				Prepared & Analyzed: 10/26/06						
pH	7.00	0.10	pH Units	7.00		100	80-120		20	
LCS Dup (T6J2615-BSD1)				Prepared & Analyzed: 10/26/06						
pH	7.00	0.10	pH Units	7.00		100	80-120	0.00	20	
Duplicate (T6J2615-DUP1)		**Source: 6J25021-01**		Prepared & Analyzed: 10/26/06						
pH	7.50	0.10	pH Units		7.5			0.00	20	
Batch T6J2616 - No Prep										
Blank (T6J2616-BLK1)				Prepared & Analyzed: 10/26/06						
Specific Conductance (EC)	ND	1.0	µS/cm							
LCS (T6J2616-BS1)				Prepared & Analyzed: 10/26/06						
Specific Conductance (EC)	513	1.0	µS/cm	500		103	80-120		20	
LCS Dup (T6J2616-BSD1)				Prepared & Analyzed: 10/26/06						
Specific Conductance (EC)	513	1.0	µS/cm	500		103	80-120	0.00	20	
Duplicate (T6J2616-DUP1)		**Source: 6J25021-01**		Prepared & Analyzed: 10/26/06						
Specific Conductance (EC)	1880	1.0	µS/cm		1900			1.06	20	
Batch T6J2703 - No Prep										
Blank (T6J2703-BLK1)				Prepared & Analyzed: 10/27/06						
Fluoride	ND	0.10	mg/L							

Inorganics - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch T6J2703 - No Prep										
Blank (T6J2703-BLK1)				Prepared & Analyzed: 10/27/06						
Chloride	ND	2.0	mg/L							
Orthophosphate as P	ND	0.50	mg/L							
Nitrate as NO3	ND	2.0	mg/L							
Sulfate as SO4	ND	2.0	mg/L							
LCS (T6J2703-BS1)				Prepared & Analyzed: 10/27/06						
Fluoride	2.04	0.10	mg/L	2.00		102	90-110		20	
Orthophosphate as P	4.71	0.50	mg/L	5.00		94.2	90-110		20	
Chloride	23.3	2.0	mg/L	25.0		93.2	90-110		20	
Nitrate as NO3	23.8	2.0	mg/L	25.0		95.2	90-110		20	
Sulfate as SO4	23.8	2.0	mg/L	25.0		95.2	90-110		20	
LCS Dup (T6J2703-BSD1)				Prepared & Analyzed: 10/27/06						
Fluoride	1.97	0.10	mg/L	2.00		98.5	90-110	3.49	20	
Orthophosphate as P	4.77	0.50	mg/L	5.00		95.4	90-110	1.27	20	
Chloride	23.2	2.0	mg/L	25.0		92.8	90-110	0.430	20	
Nitrate as NO3	23.5	2.0	mg/L	25.0		94.0	90-110	1.27	20	
Sulfate as SO4	23.6	2.0	mg/L	25.0		94.4	90-110	0.844	20	
Matrix Spike (T6J2703-MS1)		**Source: 6J26032-01**		Prepared & Analyzed: 10/27/06						
Fluoride	2.55	0.20	mg/L	2.00	0.53	101	48.9-155		20	
Chloride	166	4.0	mg/L	25.0	130	144	48-147		15	Q4
Orthophosphate as P	7.19	1.0	mg/L	5.00	2.3	97.8	80-120		20	
Nitrate as NO3	31.5	4.0	mg/L	25.0	6.3	101	70-130		20	
Matrix Spike (T6J2703-MS2)		**Source: 6J27006-04**		Prepared & Analyzed: 10/27/06						
Fluoride	2.09	0.30	mg/L	2.00	0.14	97.5	48.9-155		20	
Chloride	46.8	6.0	mg/L	25.0	23	95.2	48-147		15	
Orthophosphate as P	3.12	1.5	mg/L	5.00	ND	62.4	80-120		20	M
Nitrate as NO3	61.0	6.0	mg/L	25.0	37	96.0	70-130		20	
Sulfate as SO4	43.2	6.0	mg/L	25.0	18	101	70-130		20	
Matrix Spike Dup (T6J2703-MSD1)		**Source: 6J26032-01**		Prepared & Analyzed: 10/27/06						
Fluoride	2.65	0.20	mg/L	2.00	0.53	106	48.9-155	3.85	20	
Orthophosphate as P	7.30	1.0	mg/L	5.00	2.3	100	80-120	1.52	20	
Chloride	165	4.0	mg/L	25.0	130	140	48-147	0.604	15	Q4
Nitrate as NO3	31.0	4.0	mg/L	25.0	6.3	98.8	70-130	1.60	20	
Matrix Spike Dup (T6J2703-MSD2)		**Source: 6J27006-04**		Prepared & Analyzed: 10/27/06						
Fluoride	2.25	0.30	mg/L	2.00	0.14	106	48.9-155	7.37	20	
Chloride	46.9	6.0	mg/L	25.0	23	95.6	48-147	0.213	15	
Orthophosphate as P	2.80	1.5	mg/L	5.00	ND	56.0	80-120	10.8	20	M
Nitrate as NO3	60.2	6.0	mg/L	25.0	37	92.8	70-130	1.32	20	
Sulfate as SO4	43.2	6.0	mg/L	25.0	18	101	70-130	0.00	20	
Batch T6J2709 - No Prep										
Blank (T6J2709-BLK1)				Prepared: 10/27/06 Analyzed: 11/01/06						
Biochemical Oxygen Demand	ND	1.0	mg/L							
Blank (T6J2709-BLK2)				Prepared: 10/27/06 Analyzed: 11/01/06						
Biochemical Oxygen Demand	ND	1.0	mg/L							
LCS (T6J2709-BS1)				Prepared: 10/27/06 Analyzed: 11/01/06						
Biochemical Oxygen Demand	169	40	mg/L	198		85.4	80-120		20	

Inorganics - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch T6J2709 - No Prep										
LCS Dup (T6J2709-BSD1)				Prepared: 10/27/06 Analyzed: 11/01/06						
Biochemical Oxygen Demand	182	40	mg/L	198		91.9	80-120	7.41	20	
Duplicate (T6J2709-DUP1)		**Source: 6J26017-01**		Prepared: 10/27/06 Analyzed: 11/01/06						
Biochemical Oxygen Demand	140	30	mg/L		140			0.00	20	
Duplicate (T6J2709-DUP2)		**Source: 6J26030-01**		Prepared: 10/27/06 Analyzed: 11/01/06						
Biochemical Oxygen Demand	94.7	30	mg/L		95			0.316	20	
Batch T6J2710 - No Prep										
Blank (T6J2710-BLK1)				Prepared & Analyzed: 10/25/06						
Methylene Blue Active Substances	ND	0.050	mg/L							
LCS (T6J2710-BS1)				Prepared & Analyzed: 10/25/06						
Methylene Blue Active Substances	0.935	0.050	mg/L	1.00		93.5	80-120		20	
LCS Dup (T6J2710-BSD1)				Prepared & Analyzed: 10/25/06						
Methylene Blue Active Substances	1.04	0.050	mg/L	1.00		104	80-120	10.6	20	
Matrix Spike (T6J2710-MS1)		**Source: 6J24041-01**		Prepared & Analyzed: 10/25/06						
Methylene Blue Active Substances	1.01	0.050	mg/L	1.00	ND	101	80-120		20	
Matrix Spike Dup (T6J2710-MSD1)		**Source: 6J24041-01**		Prepared & Analyzed: 10/25/06						
Methylene Blue Active Substances	1.04	0.050	mg/L	1.00	ND	104	80-120	2.93	20	
Batch T6J3003 - Default Prep GenChem										
Blank (T6J3003-BLK1)				Prepared: 10/30/06 Analyzed: 10/31/06						
Phosphorus	ND	0.10	mg/L							
LCS (T6J3003-BS1)				Prepared: 10/30/06 Analyzed: 10/31/06						
Phosphorus	2.40	0.10	mg/L	2.50		96.0	80-120		20	
LCS Dup (T6J3003-BSD1)				Prepared: 10/30/06 Analyzed: 10/31/06						
Phosphorus	2.46	0.10	mg/L	2.50		98.4	80-120	2.47	20	
Matrix Spike (T6J3003-MS1)		**Source: 6J25006-02**		Prepared: 10/30/06 Analyzed: 10/31/06						
Phosphorus	2.48	0.10	mg/L	2.50	ND	99.2	80-120		20	
Matrix Spike (T6J3003-MS2)		**Source: 6J27016-01**		Prepared: 10/30/06 Analyzed: 10/31/06						
Phosphorus	2.50	0.10	mg/L	2.50	0.083	96.7	80-120		20	
Matrix Spike Dup (T6J3003-MSD1)		**Source: 6J25006-02**		Prepared: 10/30/06 Analyzed: 10/31/06						
Phosphorus	2.52	0.10	mg/L	2.50	ND	101	80-120	1.60	20	
Matrix Spike Dup (T6J3003-MSD2)		**Source: 6J27016-01**		Prepared: 10/30/06 Analyzed: 10/31/06						
Phosphorus	2.51	0.10	mg/L	2.50	0.083	97.1	80-120	0.399	20	
Batch T6J3004 - No Prep										
Blank (T6J3004-BLK1)				Prepared & Analyzed: 10/30/06						
Sulfide	ND	1.0	mg/L							
LCS (T6J3004-BS1)				Prepared & Analyzed: 10/30/06						
Sulfide	5.02	1.0	mg/L	5.04		99.6	80-120		20	
LCS Dup (T6J3004-BSD1)				Prepared & Analyzed: 10/30/06						
Sulfide	5.08	1.0	mg/L	5.04		101	80-120	1.19	20	
Batch T6J3010 - No Prep										

Inorganics - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch T6J3010 - No Prep										
Blank (T6J3010-BLK1)				Prepared: 10/30/06 Analyzed: 11/03/06						
Cyanide (total)	ND	5.0	µg/L							
LCS (T6J3010-BS1)				Prepared: 10/30/06 Analyzed: 11/03/06						
Cyanide (total)	46.1	5.0	µg/L	50.0		92.2	80-120		20	
LCS Dup (T6J3010-BSD1)				Prepared: 10/30/06 Analyzed: 11/03/06						
Cyanide (total)	51.4	5.0	µg/L	50.0		103	80-120	10.9	20	
Matrix Spike (T6J3010-MS1)		**Source: 6J25026-03**		Prepared: 10/30/06 Analyzed: 11/03/06						
Cyanide (total)	49.4	5.0	µg/L	50.0	ND	98.8	80-120		20	
Matrix Spike Dup (T6J3010-MSD1)		**Source: 6J25026-03**		Prepared: 10/30/06 Analyzed: 11/03/06						
Cyanide (total)	52.9	5.0	µg/L	50.0	ND	106	80-120	6.84	20	
Batch T6J3014 - No Prep										
LCS (T6J3014-BS1)				Prepared & Analyzed: 10/30/06						
Turbidity	9.92	0.020	NTU	10.0		99.2	80-120		20	
LCS Dup (T6J3014-BSD1)				Prepared & Analyzed: 10/30/06						
Turbidity	9.93	0.020	NTU	10.0		99.3	80-120	0.101	20	
Duplicate (T6J3014-DUP1)		**Source: 6J26012-01**		Prepared & Analyzed: 10/30/06						
Turbidity	45.2	0.080	NTU		89			65.3	20	
Batch T6J3103 - Default Prep GenChem										
Blank (T6J3103-BLK1)				Prepared: 10/31/06 Analyzed: 11/01/06						
Ammonia as N	ND	1.0	mg/L							
LCS (T6J3103-BS1)				Prepared: 10/31/06 Analyzed: 11/01/06						
Ammonia as N	23.8	1.0	mg/L	25.0		95.2	80-120		20	
LCS Dup (T6J3103-BSD1)				Prepared: 10/31/06 Analyzed: 11/01/06						
Ammonia as N	22.6	1.0	mg/L	25.0		90.4	80-120	5.17	20	
Matrix Spike (T6J3103-MS1)		**Source: 6J24023-01**		Prepared: 10/31/06 Analyzed: 11/01/06						
Ammonia as N	22.2	1.0	mg/L	25.0	0.48	86.9	80-120		20	
Matrix Spike (T6J3103-MS2)		**Source: 6J30022-04**		Prepared: 10/31/06 Analyzed: 11/01/06						
Ammonia as N	25.2	1.0	mg/L	25.0	0.26	99.8	80-120		20	
Matrix Spike Dup (T6J3103-MSD1)		**Source: 6J24023-01**		Prepared: 10/31/06 Analyzed: 11/01/06						
Ammonia as N	24.2	1.0	mg/L	25.0	0.48	94.9	80-120	8.62	20	
Matrix Spike Dup (T6J3103-MSD2)		**Source: 6J30022-04**		Prepared: 10/31/06 Analyzed: 11/01/06						
Ammonia as N	25.5	1.0	mg/L	25.0	0.26	101	80-120	1.18	20	
Batch T6J3107 - Default Prep GenChem										
Blank (T6J3107-BLK1)				Prepared: 10/31/06 Analyzed: 11/03/06						
Total Dissolved Solids	ND	10	mg/L							
LCS (T6J3107-BS1)				Prepared: 10/31/06 Analyzed: 11/03/06						
Total Dissolved Solids	206	10	mg/L	186		111	80-120		20	
LCS Dup (T6J3107-BSD1)				Prepared: 10/31/06 Analyzed: 11/03/06						
Total Dissolved Solids	200	10	mg/L	186		108	80-120	2.96	20	
Duplicate (T6J3107-DUP1)		**Source: 6J30024-01**		Prepared: 10/31/06 Analyzed: 11/03/06						
Total Dissolved Solids	412	10	mg/L		400			2.96	20	

Inorganics - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch T6J3107 - Default Prep GenChem										
Duplicate (T6J3107-DUP2)		**Source: 6J27006-02**		Prepared: 10/31/06 Analyzed: 11/03/06						
Total Dissolved Solids	444	10	mg/L		440			0.905	20	
Batch T6J3108 - No Prep										
Blank (T6J3108-BLK1)				Prepared: 10/31/06 Analyzed: 11/01/06						
Total Suspended Solids	ND	4.0	mg/L							
LCS (T6J3108-BS1)				Prepared: 10/31/06 Analyzed: 11/01/06						
Total Suspended Solids	210	10	mg/L	218		96.3	80-120		20	
LCS Dup (T6J3108-BSD1)				Prepared: 10/31/06 Analyzed: 11/01/06						
Total Suspended Solids	204	10	mg/L	218		93.6	80-120	2.90	20	
Duplicate (T6J3108-DUP1)		**Source: 6J26012-03**		Prepared: 10/31/06 Analyzed: 11/01/06						
Total Suspended Solids	96.3	6.7	mg/L		94			2.42	20	
Duplicate (T6J3108-DUP2)		**Source: 6J31008-02**		Prepared: 10/31/06 Analyzed: 11/01/06						
Total Suspended Solids	2700	330	mg/L		2700			0.00	20	
Batch T6K0306 - No Prep										
Blank (T6K0306-BLK1)				Prepared & Analyzed: 11/03/06						
Total Alkalinity as CaCO3	ND	20	mg/L							
Bicarbonate Alkalinity as HCO3	ND	20	mg/L							
Carbonate Alkalinity as CO3	ND	20	mg/L							
Hydroxide Alkalinity as OH	ND	20	mg/L							
LCS (T6K0306-BS1)				Prepared & Analyzed: 11/03/06						
Total Alkalinity as CaCO3	250	20	mg/L	250		100	80-120		20	
LCS Dup (T6K0306-BSD1)				Prepared & Analyzed: 11/03/06						
Total Alkalinity as CaCO3	250	20	mg/L	250		100	80-120	0.00	20	
Duplicate (T6K0306-DUP1)		**Source: 6J25026-08**		Prepared & Analyzed: 11/03/06						
Total Alkalinity as CaCO3	243	20	mg/L		240			1.24	20	
Bicarbonate Alkalinity as HCO3	297	20	mg/L		300			1.01	20	
Carbonate Alkalinity as CO3	ND	20	mg/L		ND				20	
Hydroxide Alkalinity as OH	ND	20	mg/L		ND				20	
Duplicate (T6K0306-DUP2)		**Source: 6J30021-01**		Prepared & Analyzed: 11/03/06						
Total Alkalinity as CaCO3	56.0	20	mg/L		56			0.00	20	
Bicarbonate Alkalinity as HCO3	68.3	20	mg/L		68			0.440	20	
Carbonate Alkalinity as CO3	ND	20	mg/L		ND				20	
Hydroxide Alkalinity as OH	ND	20	mg/L		ND				20	
Batch T6K0315 - No Prep										
Blank (T6K0315-BLK1)				Prepared & Analyzed: 11/03/06						
Chemical Oxygen Demand	ND	10	mg/L							
LCS (T6K0315-BS1)				Prepared & Analyzed: 11/03/06						
Chemical Oxygen Demand	485	10	mg/L	500		97.0	80-120		20	
LCS Dup (T6K0315-BSD1)				Prepared & Analyzed: 11/03/06						
Chemical Oxygen Demand	485	10	mg/L	500		97.0	80-120	0.00	20	
Duplicate (T6K0315-DUP1)		**Source: 6J26012-01**		Prepared & Analyzed: 11/03/06						
Chemical Oxygen Demand	7.00	10	mg/L		ND				20	QL

Inorganics - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch T6K0613 - Default Prep GC-Semi										
Blank (T6K0613-BLK1)				Prepared: 11/06/06 Analyzed: 11/07/06						
Total Organic Carbon	ND	1.0	mg/L							
LCS (T6K0613-BS1)				Prepared: 11/06/06 Analyzed: 11/07/06						
Total Organic Carbon	5.00	1.0	mg/L	5.00		100	70-130		20	
LCS Dup (T6K0613-BSD1)				Prepared: 11/06/06 Analyzed: 11/07/06						
Total Organic Carbon	4.96	1.0	mg/L	5.00		99.2	70-130	0.803	20	

Metals - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch T6J3006 - EPA 245.1/7470A Prep										
Blank (T6J3006-BLK1)				Prepared & Analyzed: 10/30/06						
Mercury	ND	0.20	µg/L							
LCS (T6J3006-BS1)				Prepared & Analyzed: 10/30/06						
Mercury	5.01	0.20	µg/L	5.00		100	85-115		20	
LCS Dup (T6J3006-BSD1)				Prepared & Analyzed: 10/30/06						
Mercury	4.81	0.20	µg/L	5.00		96.2	85-115	4.07	20	
Matrix Spike (T6J3006-MS1)		**Source: 6J20019-04**		Prepared & Analyzed: 10/30/06						
Mercury	4.90	0.20	µg/L	5.00	ND	98.0	70-130		20	
Matrix Spike (T6J3006-MS2)		**Source: 6J24040-01**		Prepared & Analyzed: 10/30/06						
Mercury	5.09	0.20	µg/L	5.00	ND	102	70-130		20	
Matrix Spike Dup (T6J3006-MSD1)		**Source: 6J20019-04**		Prepared & Analyzed: 10/30/06						
Mercury	4.59	0.20	µg/L	5.00	ND	91.8	70-130	6.53	20	
Matrix Spike Dup (T6J3006-MSD2)		**Source: 6J24040-01**		Prepared & Analyzed: 10/30/06						
Mercury	4.75	0.20	µg/L	5.00	ND	95.0	70-130	6.91	20	

Metals - Dissolved - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch T6J3006 - EPA 245.1/7470A Prep										
Blank (T6J3006-BLK1)				Prepared & Analyzed: 10/30/06						
Mercury	ND	0.20	µg/L							
LCS (T6J3006-BS1)				Prepared & Analyzed: 10/30/06						
Mercury	5.01	0.20	µg/L	5.00		100	85-115		20	
LCS Dup (T6J3006-BSD1)				Prepared & Analyzed: 10/30/06						
Mercury	4.81	0.20	µg/L	5.00		96.2	85-115	4.07	20	
Matrix Spike (T6J3006-MS1)		**Source: 6J20019-04**		Prepared & Analyzed: 10/30/06						
Mercury	4.90	0.20	µg/L	5.00	ND	98.0	75-125		20	
Matrix Spike (T6J3006-MS2)		**Source: 6J24040-01**		Prepared & Analyzed: 10/30/06						
Mercury	5.09	0.20	µg/L	5.00	ND	102	75-125		20	
Matrix Spike Dup (T6J3006-MSD1)		**Source: 6J20019-04**		Prepared & Analyzed: 10/30/06						
Mercury	4.59	0.20	µg/L	5.00	ND	91.8	75-125	6.53	20	
Matrix Spike Dup (T6J3006-MSD2)		**Source: 6J24040-01**		Prepared & Analyzed: 10/30/06						
Mercury	4.75	0.20	µg/L	5.00	ND	95.0	75-125	6.91	20	
Batch T6J3110 - EPA 200.2										
Blank (T6J3110-BLK1)				Prepared: 10/31/06 Analyzed: 11/01/06						
Aluminum	ND	0.050	mg/L							
Selenium	ND	0.020	mg/L							
Molybdenum	ND	0.0050	mg/L							
Manganese	ND	0.0050	mg/L							
Lead	ND	0.0050	mg/L							
Vanadium	ND	0.010	mg/L							
Zinc	ND	0.0050	mg/L							
Antimony	ND	0.0050	mg/L							
Cadmium	ND	0.0010	mg/L							
Iron	ND	0.10	mg/L							
Magnesium	ND	0.10	mg/L							
Tin	ND	0.010	mg/L							
Chromium	ND	0.0050	mg/L							
Calcium	ND	0.10	mg/L							
Titanium	ND	0.0100	mg/L							
Nickel	ND	0.0050	mg/L							
Thallium	ND	0.020	mg/L							
Cobalt	ND	0.0020	mg/L							
Barium	ND	0.010	mg/L							
Beryllium	ND	0.0010	mg/L							
Boron	ND	0.050	mg/L							
Arsenic	ND	0.010	mg/L							
Sodium	ND	1.0	mg/L							
Potassium	ND	1.0	mg/L							
Silver	ND	0.0050	mg/L							
Silicon	ND	0.10	mg/L							
Copper	ND	0.0050	mg/L							
Strontium	ND	0.00200	mg/L							
Silica (SiO2)	ND	0.20	mg/L							
LCS (T6J3110-BS1)				Prepared: 10/31/06 Analyzed: 11/01/06						
Sodium	2.22	1.0	mg/L	2.00		111	85-115		20	

Metals - Dissolved - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch T6J3110 - EPA 200.2										
LCS (T6J3110-BS1)				Prepared: 10/31/06 Analyzed: 11/01/06						
Magnesium	2.00	0.10	mg/L	2.00		100	85-115		20	
Manganese	0.102	0.0050	mg/L	0.100		102	85-115		20	
Molybdenum	0.0967	0.0050	mg/L	0.100		96.7	85-115		20	
Nickel	0.104	0.0050	mg/L	0.100		104	85-115		20	
Potassium	4.04	1.0	mg/L	4.00		101	85-115		20	
Selenium	0.403	0.020	mg/L	0.400		101	85-115		20	
Silica (SiO2)	4.47	0.20	mg/L	4.28		104	85-115		20	
Silver	0.103	0.0050	mg/L	0.100		103	85-115		20	
Strontium	0.100	0.00200	mg/L	0.100		100	85-115		20	
Lead	0.106	0.0050	mg/L	0.100		106	85-115		20	
Cobalt	0.0408	0.0020	mg/L	0.0400		102	85-115		20	
Silicon	2.08	0.10	mg/L	2.00		104	85-115		20	
Vanadium	0.197	0.010	mg/L	0.200		98.5	85-115		20	
Antimony	0.0908	0.0050	mg/L	0.100		90.8	85-115		20	
Copper	0.0992	0.0050	mg/L	0.100		99.2	85-115		20	
Iron	2.08	0.10	mg/L	2.00		104	85-115		20	
Thallium	0.402	0.020	mg/L	0.400		100	85-115		20	
Titanium	0.210	0.0100	mg/L	0.200		105	85-115		20	
Zinc	0.107	0.0050	mg/L	0.100		107	85-115		20	
Aluminum	1.01	0.050	mg/L	1.00		101	85-115		20	
Arsenic	0.204	0.010	mg/L	0.200		102	85-115		20	
Beryllium	0.0198	0.0010	mg/L	0.0200		99.0	85-115		20	
Boron	1.01	0.050	mg/L	1.00		101	85-115		20	
Cadmium	0.0201	0.0010	mg/L	0.0200		100	85-115		20	
Calcium	1.98	0.10	mg/L	2.00		99.0	85-115		20	
Chromium	0.103	0.0050	mg/L	0.100		103	85-115		20	
Barium	0.196	0.010	mg/L	0.200		98.0	85-115		20	
Tin	0.397	0.010	mg/L	0.400		99.2	85-115		20	
LCS Dup (T6J3110-BSD1)				Prepared: 10/31/06 Analyzed: 11/01/06						
Chromium	0.104	0.0050	mg/L	0.100		104	85-115	0.966	20	
Lead	0.106	0.0050	mg/L	0.100		106	85-115	0.00	20	
Copper	0.100	0.0050	mg/L	0.100		100	85-115	0.803	20	
Magnesium	2.02	0.10	mg/L	2.00		101	85-115	0.995	20	
Nickel	0.105	0.0050	mg/L	0.100		105	85-115	0.957	20	
Titanium	0.211	0.0100	mg/L	0.200		106	85-115	0.475	20	
Tin	0.403	0.010	mg/L	0.400		101	85-115	1.50	20	
Thallium	0.402	0.020	mg/L	0.400		100	85-115	0.00	20	
Strontium	0.101	0.00200	mg/L	0.100		101	85-115	0.995	20	
Cobalt	0.0410	0.0020	mg/L	0.0400		102	85-115	0.489	20	
Calcium	2.01	0.10	mg/L	2.00		100	85-115	1.50	20	
Molybdenum	0.0990	0.0050	mg/L	0.100		99.0	85-115	2.35	20	
Zinc	0.108	0.0050	mg/L	0.100		108	85-115	0.930	20	
Vanadium	0.201	0.010	mg/L	0.200		100	85-115	2.01	20	
Manganese	0.103	0.0050	mg/L	0.100		103	85-115	0.976	20	
Selenium	0.407	0.020	mg/L	0.400		102	85-115	0.988	20	
Barium	0.198	0.010	mg/L	0.200		99.0	85-115	1.02	20	
Iron	2.11	0.10	mg/L	2.00		106	85-115	1.43	20	
Arsenic	0.207	0.010	mg/L	0.200		104	85-115	1.46	20	
Antimony	0.0953	0.0050	mg/L	0.100		95.3	85-115	4.84	20	

Metals - Dissolved - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch T6J3110 - EPA 200.2										
LCS Dup (T6J3110-BSD1)				Prepared: 10/31/06 Analyzed: 11/01/06						
Aluminum	1.01	0.050	mg/L	1.00		101	85-115	0.00	20	
Potassium	4.06	1.0	mg/L	4.00		102	85-115	0.494	20	
Silver	0.104	0.0050	mg/L	0.100		104	85-115	0.966	20	
Sodium	2.02	1.0	mg/L	2.00		101	85-115	9.43	20	
Silicon	2.10	0.10	mg/L	2.00		105	85-115	0.957	20	
Silica (SiO2)	4.51	0.20	mg/L	4.28		105	85-115	0.891	20	
Cadmium	0.0204	0.0010	mg/L	0.0200		102	85-115	1.48	20	
Boron	1.02	0.050	mg/L	1.00		102	85-115	0.985	20	
Beryllium	0.0198	0.0010	mg/L	0.0200		99.0	85-115	0.00	20	
Matrix Spike (T6J3110-MS1)		**Source: 6J26009-09**		Prepared: 10/31/06 Analyzed: 11/01/06						
Boron	1.22	0.050	mg/L	1.00	0.19	103	70-130		20	
Iron	2.08	0.10	mg/L	2.00	0.050	102	70-130		20	
Strontium	0.324	0.00200	mg/L	0.100	0.218	106	70-130		20	
Lead	0.102	0.0050	mg/L	0.100	ND	102	70-130		20	
Nickel	0.101	0.0050	mg/L	0.100	0.0012	99.8	70-130		20	
Molybdenum	0.106	0.0050	mg/L	0.100	0.0080	98.0	70-130		20	
Antimony	0.106	0.0050	mg/L	0.100	ND	106	70-130		20	
Aluminum	1.06	0.050	mg/L	1.00	0.047	101	70-130		20	
Thallium	0.378	0.020	mg/L	0.400	ND	94.5	70-130		20	
Beryllium	0.0198	0.0010	mg/L	0.0200	ND	99.0	70-130		20	
Tin	0.385	0.010	mg/L	0.400	ND	96.2	70-130		20	
Manganese	0.107	0.0050	mg/L	0.100	0.0072	99.8	70-130		20	
Cobalt	0.0396	0.0020	mg/L	0.0400	ND	99.0	70-130		20	
Chromium	0.102	0.0050	mg/L	0.100	0.00056	101	70-130		20	
Cadmium	0.0194	0.0010	mg/L	0.0200	ND	97.0	70-130		20	
Arsenic	0.206	0.010	mg/L	0.200	ND	103	70-130		20	
Copper	0.106	0.0050	mg/L	0.100	0.0024	104	70-130		20	
Barium	0.220	0.010	mg/L	0.200	0.021	99.5	70-130		20	
Selenium	0.398	0.020	mg/L	0.400	ND	99.5	70-130		20	
Silica (SiO2)	27.6	0.20	mg/L	4.28	23	107	70-130		20	
Silver	0.103	0.0050	mg/L	0.100	ND	103	70-130		20	
Titanium	0.208	0.0100	mg/L	0.200	ND	104	70-130		20	
Zinc	0.143	0.0050	mg/L	0.100	0.037	106	70-130		20	
Vanadium	0.202	0.010	mg/L	0.200	0.0036	99.2	70-130		20	
Matrix Spike (T6J3110-MS2)		**Source: 6J27006-02**		Prepared: 10/31/06 Analyzed: 11/02/06						
Antimony	0.100	0.0050	mg/L	0.100	ND	100	70-130		20	
Cadmium	0.0196	0.0010	mg/L	0.0200	ND	98.0	70-130		20	
Chromium	0.104	0.0050	mg/L	0.100	0.0016	102	70-130		20	
Cobalt	0.0386	0.0020	mg/L	0.0400	ND	96.5	70-130		20	
Barium	0.352	0.010	mg/L	0.200	0.15	101	70-130		20	
Arsenic	0.210	0.010	mg/L	0.200	ND	105	70-130		20	
Thallium	0.402	0.020	mg/L	0.400	ND	100	70-130		20	
Copper	0.151	0.0050	mg/L	0.100	0.049	102	70-130		20	
Tin	0.394	0.010	mg/L	0.400	ND	98.5	70-130		20	
Beryllium	0.0198	0.0010	mg/L	0.0200	ND	99.0	70-130		20	
Molybdenum	0.0989	0.0050	mg/L	0.100	0.0018	97.1	70-130		20	
Nickel	0.101	0.0050	mg/L	0.100	0.0017	99.3	70-130		20	
Silver	0.105	0.0050	mg/L	0.100	ND	105	70-130		20	
Strontium	0.477	0.00200	mg/L	0.100	0.379	98.0	70-130		20	

Metals - Dissolved - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch T6J3110 - EPA 200.2										
Matrix Spike (T6J3110-MS2)		**Source: 6J27006-02**		Prepared: 10/31/06 Analyzed: 11/02/06						
Zinc	0.145	0.0050	mg/L	0.100	0.042	103	70-130		20	
Manganese	0.101	0.0050	mg/L	0.100	0.0013	99.7	70-130		20	
Titanium	0.208	0.0100	mg/L	0.200	ND	104	70-130		20	
Silica (SiO2)	67.8	0.20	mg/L	4.28	64	88.8	70-130		20	
Selenium	0.402	0.020	mg/L	0.400	ND	100	70-130		20	
Lead	0.104	0.0050	mg/L	0.100	0.0021	102	70-130		20	
Iron	2.05	0.10	mg/L	2.00	ND	102	70-130		20	
Boron	1.05	0.050	mg/L	1.00	0.015	104	70-130		20	
Aluminum	1.01	0.050	mg/L	1.00	ND	101	70-130		20	
Vanadium	0.239	0.010	mg/L	0.200	0.043	98.0	70-130		20	
Matrix Spike Dup (T6J3110-MSD1)		**Source: 6J26009-09**		Prepared: 10/31/06 Analyzed: 11/01/06						
Vanadium	0.208	0.010	mg/L	0.200	0.0036	102	70-130	2.93	20	
Tin	0.395	0.010	mg/L	0.400	ND	98.8	70-130	2.56	20	
Aluminum	1.09	0.050	mg/L	1.00	0.047	104	70-130	2.79	20	
Boron	1.25	0.050	mg/L	1.00	0.19	106	70-130	2.43	20	
Cadmium	0.0199	0.0010	mg/L	0.0200	ND	99.5	70-130	2.54	20	
Thallium	0.382	0.020	mg/L	0.400	ND	95.5	70-130	1.05	20	
Zinc	0.145	0.0050	mg/L	0.100	0.037	108	70-130	1.39	20	
Antimony	0.109	0.0050	mg/L	0.100	ND	109	70-130	2.79	20	
Lead	0.105	0.0050	mg/L	0.100	ND	105	70-130	2.90	20	
Barium	0.226	0.010	mg/L	0.200	0.021	102	70-130	2.69	20	
Beryllium	0.0202	0.0010	mg/L	0.0200	ND	101	70-130	2.00	20	
Selenium	0.408	0.020	mg/L	0.400	ND	102	70-130	2.48	20	
Nickel	0.104	0.0050	mg/L	0.100	0.0012	103	70-130	2.93	20	
Titanium	0.211	0.0100	mg/L	0.200	ND	106	70-130	1.43	20	
Arsenic	0.212	0.010	mg/L	0.200	ND	106	70-130	2.87	20	
Silica (SiO2)	28.2	0.20	mg/L	4.28	23	121	70-130	2.15	20	
Chromium	0.104	0.0050	mg/L	0.100	0.00056	103	70-130	1.94	20	
Cobalt	0.0406	0.0020	mg/L	0.0400	ND	102	70-130	2.49	20	
Copper	0.109	0.0050	mg/L	0.100	0.0024	107	70-130	2.79	20	
Strontium	0.331	0.00200	mg/L	0.100	0.218	113	70-130	2.14	20	
Silver	0.105	0.0050	mg/L	0.100	ND	105	70-130	1.92	20	
Molybdenum	0.110	0.0050	mg/L	0.100	0.0080	102	70-130	3.70	20	
Manganese	0.109	0.0050	mg/L	0.100	0.0072	102	70-130	1.85	20	
Iron	2.13	0.10	mg/L	2.00	0.050	104	70-130	2.38	20	
Matrix Spike Dup (T6J3110-MSD2)		**Source: 6J27006-02**		Prepared: 10/31/06 Analyzed: 11/02/06						
Iron	2.02	0.10	mg/L	2.00	ND	101	70-130	1.47	20	
Lead	0.102	0.0050	mg/L	0.100	0.0021	99.9	70-130	1.94	20	
Manganese	0.0999	0.0050	mg/L	0.100	0.0013	98.6	70-130	1.10	20	
Molybdenum	0.0983	0.0050	mg/L	0.100	0.0018	96.5	70-130	0.609	20	
Tin	0.391	0.010	mg/L	0.400	ND	97.8	70-130	0.764	20	
Silica (SiO2)	67.1	0.20	mg/L	4.28	64	72.4	70-130	1.04	20	
Silver	0.103	0.0050	mg/L	0.100	ND	103	70-130	1.92	20	
Vanadium	0.238	0.010	mg/L	0.200	0.043	97.5	70-130	0.419	20	
Zinc	0.144	0.0050	mg/L	0.100	0.042	102	70-130	0.692	20	
Titanium	0.205	0.0100	mg/L	0.200	ND	102	70-130	1.45	20	
Arsenic	0.206	0.010	mg/L	0.200	ND	103	70-130	1.92	20	
Antimony	0.0988	0.0050	mg/L	0.100	ND	98.8	70-130	1.21	20	
Aluminum	1.00	0.050	mg/L	1.00	ND	100	70-130	0.995	20	

Metals - Dissolved - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch T6J3110 - EPA 200.2										
Matrix Spike Dup (T6J3110-MSD2)		**Source: 6J27006-02**		Prepared: 10/31/06 Analyzed: 11/02/06						
Strontium	0.472	0.00200	mg/L	0.100	0.379	93.0	70-130	1.05	20	
Selenium	0.395	0.020	mg/L	0.400	ND	98.8	70-130	1.76	20	
Nickel	0.0997	0.0050	mg/L	0.100	0.0017	98.0	70-130	1.30	20	
Cadmium	0.0192	0.0010	mg/L	0.0200	ND	96.0	70-130	2.06	20	
Boron	1.04	0.050	mg/L	1.00	0.015	102	70-130	0.957	20	
Beryllium	0.0193	0.0010	mg/L	0.0200	ND	96.5	70-130	2.56	20	
Barium	0.347	0.010	mg/L	0.200	0.15	98.5	70-130	1.43	20	
Copper	0.149	0.0050	mg/L	0.100	0.049	100	70-130	1.33	20	
Cobalt	0.0383	0.0020	mg/L	0.0400	ND	95.8	70-130	0.780	20	
Chromium	0.102	0.0050	mg/L	0.100	0.0016	100	70-130	1.94	20	
Thallium	0.398	0.020	mg/L	0.400	ND	99.5	70-130	1.00	20	

THE TWINING LABORATORIES, INC.
EST. 1898
CALIFORNIA ELAP CERTIFICATE #1371

2527 Fresno Street
Fresno, CA 93721
(559) 268-7021 Phone
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November 08, 2006

Work Order #: 6J27016

Cindy Poire
URS
130 Robin Hill Road, Ste 100
Santa Barbara, CA 93117

RE: Panoche Energy Center

Enclosed are the analytical results for samples received by our laboratory on 10/27/06 . For your reference, these analyses have been assigned laboratory work order number 6J27016 .

All analyses have been performed according to our laboratory's quality assurance program. All results are intended to be considered in their entirety, The Twining Laboratories, Inc. (TL) is not responsible for use of less than complete reports. Results apply only to samples analyzed.

If you have any questions, please feel free to contact us at the number listed above.

Sincerely,

The Twining Laboratories, Inc.

Ronald J. Boquist
Director of Analytical Chemistry

THE TWINING LABORATORIES, INC.
EST. 1898
CALIFORNIA ELAP CERTIFICATE #1371

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Fresno, CA 93721
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(559) 268-0740 Fax

URS	Project: Panoche Energy Center	
130 Robin Hill Road, Ste 100	Project Number: 28906795.00200	**Reported:**
Santa Barbara CA, 93117	Project Manager: Cindy Poire	11/08/06 1

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-3	6J27016-01	Ground Water	10/27/06 00:00	10/27/06 16:05

THE TWINING LABORATORIES, INC.
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CALIFORNIA ELAP CERTIFICATE #1371

2527 Fresno Street
Fresno, CA 93721
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URS	Project: Panoche Energy Center	
130 Robin Hill Road, Ste 100	Project Number: 28906795.00200	**Reported:**
Santa Barbara CA, 93117	Project Manager: Cindy Poire	11/08/06 1

MW-3

6J27016-01 (Ground Water) Sampled: 10/27/06 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes.
Inorganics									
Total Alkalinity as CaCO3	**180**	20	mg/L	1	T6K0306	11/03/06	11/03/06	SM 2320B	
Bicarbonate Alkalinity as HCO3	**230**	20	mg/L	1	T6K0306	11/03/06	11/03/06	SM 2320B	
Carbonate Alkalinity as CO3	ND	20	mg/L	1	T6K0306	11/03/06	11/03/06	SM 2320B	
Hydroxide Alkalinity as OH	ND	20	mg/L	1	T6K0306	11/03/06	11/03/06	SM 2320B	
Ammonia as N	ND	1.0	mg/L	1	T6J3103	10/31/06	11/01/06	EPA 350.2	
Biochemical Oxygen Demand	ND	1.0	mg/L	1	T6J2709	10/27/06	11/01/06	SM5210B/EPA 405.1	
Chloride	**160**	50	mg/L	25	T6J3002	10/30/06	10/30/06	EPA 300.0	
Chemical Oxygen Demand	ND	10	mg/L	1	T6K0315	11/03/06	11/03/06	EPA 410.1	
Cyanide (total)	ND	5.0	µg/L	1	T6J3010	10/30/06	11/03/06	SM4500CN-E	
Specific Conductance (EC)	**3000**	1.0	µS/cm	1	T6J3008	10/27/06	10/27/06	SM2510B	
Fluoride	**0.71**	0.30	mg/L	3	T6J2703	10/27/06	10/27/06	EPA 300.0	
Hardness	**1100**	0.66	mg equiv. CaCO3/L	1	[CALC]	10/31/06	11/02/06	[CALC]	
Methylene Blue Active Substances	ND	0.050	mg/L	1	T6J2710	10/27/06	10/27/06	SM5540C	
Nitrate as NO3	**27**	6.0	mg/L	3	T6J2703	10/27/06	10/27/06	EPA 300.0	
Orthophosphate as P	ND	1.5	mg/L	3	T6J2703	10/27/06	10/27/06	EPA 300.0	
pH	**8.1**	0.10	pH Units	1	T6J3007	10/27/06	10/27/06	EPA 150.1	
Phosphorus	ND	0.10	mg/L	1	T6J3003	10/30/06	10/31/06	EPA 365.4	
Sulfate as SO4	**1500**	100	mg/L	50	T6J3002	10/30/06	10/30/06	EPA 300.0	
Sulfide	ND	1.0	mg/L	1	T6J3004	10/30/06	10/30/06	EPA 376.1	
Total Dissolved Solids	**2900**	20	mg/L	2	T6J3107	10/31/06	11/03/06	EPA 160.1	
Total Organic Carbon	ND	1.0	mg/L	1	T6K0613	11/06/06	11/07/06	SM5310B	
Total Suspended Solids	ND	4.0	mg/L	1	T6J3108	10/31/06	11/01/06	EPA 160.2	
Turbidity	**2.3**	0.020	NTU	1	T6J2714	10/27/06	10/27/06	EPA 180.1	
Metals - Dissolved									
Aluminum	ND	0.050	mg/L	1	T6J3110	10/31/06	11/02/06	EPA 200.7	
Antimony	ND	0.0050	mg/L	1	T6J3110	10/31/06	11/02/06	EPA 200.7	
Arsenic	ND	0.010	mg/L	1	T6J3110	10/31/06	11/02/06	EPA 200.7	
Barium	**0.14**	0.010	mg/L	1	T6J3110	10/31/06	11/02/06	EPA 200.7	
Beryllium	ND	0.0010	mg/L	1	T6J3110	10/31/06	11/02/06	EPA 200.7	
Boron	**4.1**	0.050	mg/L	1	T6J3110	10/31/06	11/02/06	EPA 200.7	
Cadmium	ND	0.0010	mg/L	1	T6J3110	10/31/06	11/02/06	EPA 200.7	
Calcium	**170**	0.10	mg/L	1	T6J3110	10/31/06	11/02/06	EPA 200.7	
Chromium	ND	0.0050	mg/L	1	T6J3110	10/31/06	11/02/06	EPA 200.7	
Cobalt	ND	0.0020	mg/L	1	T6J3110	10/31/06	11/02/06	EPA 200.7	

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URS	Project: Panoche Energy Center	
130 Robin Hill Road, Ste 100	Project Number: 28906795.00200	**Reported:**
Santa Barbara CA, 93117	Project Manager: Cindy Poire	11/08/06 1

MW-3

6J27016-01 (Ground Water) Sampled: 10/27/06 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes.
Metals - Dissolved									
Copper	ND	0.0050	mg/L	1	T6J3110	10/31/06	11/02/06	EPA 200.7	
Iron	ND	0.10	mg/L	1	T6J3110	10/31/06	11/02/06	EPA 200.7	
Lead	ND	0.0050	mg/L	1	T6J3110	10/31/06	11/02/06	EPA 200.7	
Magnesium	**170**	0.10	mg/L	1	T6J3110	10/31/06	11/02/06	EPA 200.7	
Manganese	**0.064**	0.0050	mg/L	1	T6J3110	10/31/06	11/02/06	EPA 200.7	
Mercury	ND	0.20	µg/L	1	T6J3006	10/30/06	10/31/06	EPA 245.1	
Molybdenum	**0.0056**	0.0050	mg/L	1	T6J3110	10/31/06	11/02/06	EPA 200.7	
Nickel	ND	0.0050	mg/L	1	T6J3110	10/31/06	11/02/06	EPA 200.7	
Potassium	**16**	1.0	mg/L	1	T6J3110	10/31/06	11/02/06	EPA 200.7	
Selenium	**0.025**	0.020	mg/L	1	T6J3110	10/31/06	11/02/06	EPA 200.7	
Silica (SiO2)	**46**	0.20	mg/L	1	T6J3110	10/31/06	11/02/06	EPA 200.7	
Silicon	**21**	0.10	mg/L	1	T6J3110	10/31/06	11/02/06	EPA 200.7	
Silver	ND	0.0050	mg/L	1	T6J3110	10/31/06	11/02/06	EPA 200.7	
Sodium	**380**	1.0	mg/L	1	T6J3110	10/31/06	11/02/06	EPA 200.7	
Strontium	**2.47**	0.00200	mg/L	1	T6J3110	10/31/06	11/02/06	EPA 200.7	
Thallium	ND	0.020	mg/L	1	T6J3110	10/31/06	11/02/06	EPA 200.7	
Tin	ND	0.010	mg/L	1	T6J3110	10/31/06	11/02/06	EPA 200.7	
Titanium	ND	0.0100	mg/L	1	T6J3110	10/31/06	11/02/06	EPA 200.7	
Vanadium	ND	0.010	mg/L	1	T6J3110	10/31/06	11/02/06	EPA 200.7	
Zinc	**0.024**	0.0050	mg/L	1	T6J3110	10/31/06	11/02/06	EPA 200.7	

Notes and Definitions

QL	Sample results for the QC batch were accepted based on LCS/LCSD percent recoveries and RPD values.
Q4	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.
M	Matrix interference noted.
ug/L	micrograms per liter (parts per billion concentration units)
mg/L	milligrams per kilogram (parts per million concentration units)
mg/kg	milligrams per liter (parts per million concentration units)
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference

Inorganics - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch T6J2703 - No Prep										
Blank (T6J2703-BLK1)				Prepared & Analyzed: 10/27/06						
Fluoride	ND	0.10	mg/L							
Chloride	ND	2.0	mg/L							
Orthophosphate as P	ND	0.50	mg/L							
Nitrate as NO3	ND	2.0	mg/L							
Sulfate as SO4	ND	2.0	mg/L							
LCS (T6J2703-BS1)				Prepared & Analyzed: 10/27/06						
Fluoride	2.04	0.10	mg/L	2.00		102	90-110		20	
Chloride	23.3	2.0	mg/L	25.0		93.2	90-110		20	
Orthophosphate as P	4.71	0.50	mg/L	5.00		94.2	90-110		20	
Nitrate as NO3	23.8	2.0	mg/L	25.0		95.2	90-110		20	
Sulfate as SO4	23.8	2.0	mg/L	25.0		95.2	90-110		20	
LCS Dup (T6J2703-BSD1)				Prepared & Analyzed: 10/27/06						
Fluoride	1.97	0.10	mg/L	2.00		98.5	90-110	3.49	20	
Orthophosphate as P	4.77	0.50	mg/L	5.00		95.4	90-110	1.27	20	
Chloride	23.2	2.0	mg/L	25.0		92.8	90-110	0.430	20	
Nitrate as NO3	23.5	2.0	mg/L	25.0		94.0	90-110	1.27	20	
Sulfate as SO4	23.6	2.0	mg/L	25.0		94.4	90-110	0.844	20	
Matrix Spike (T6J2703-MS1)		**Source: 6J26032-01**		Prepared & Analyzed: 10/27/06						
Fluoride	2.55	0.20	mg/L	2.00	0.53	101	48.9-155		20	
Chloride	166	4.0	mg/L	25.0	130	144	48-147		15	Q4
Orthophosphate as P	7.19	1.0	mg/L	5.00	2.3	97.8	80-120		20	
Nitrate as NO3	31.5	4.0	mg/L	25.0	6.3	101	70-130		20	
Matrix Spike (T6J2703-MS2)		**Source: 6J27006-04**		Prepared & Analyzed: 10/27/06						
Fluoride	2.09	0.30	mg/L	2.00	0.14	97.5	48.9-155		20	
Chloride	46.8	6.0	mg/L	25.0	23	95.2	48-147		15	
Orthophosphate as P	3.12	1.5	mg/L	5.00	ND	62.4	80-120		20	M
Nitrate as NO3	61.0	6.0	mg/L	25.0	37	96.0	70-130		20	
Sulfate as SO4	43.2	6.0	mg/L	25.0	18	101	70-130		20	
Matrix Spike Dup (T6J2703-MSD1)		**Source: 6J26032-01**		Prepared & Analyzed: 10/27/06						
Fluoride	2.65	0.20	mg/L	2.00	0.53	106	48.9-155	3.85	20	
Chloride	165	4.0	mg/L	25.0	130	140	48-147	0.604	15	Q4
Orthophosphate as P	7.30	1.0	mg/L	5.00	2.3	100	80-120	1.52	20	
Nitrate as NO3	31.0	4.0	mg/L	25.0	6.3	98.8	70-130	1.60	20	
Matrix Spike Dup (T6J2703-MSD2)		**Source: 6J27006-04**		Prepared & Analyzed: 10/27/06						
Fluoride	2.25	0.30	mg/L	2.00	0.14	106	48.9-155	7.37	20	
Chloride	46.9	6.0	mg/L	25.0	23	95.6	48-147	0.213	15	
Orthophosphate as P	2.80	1.5	mg/L	5.00	ND	56.0	80-120	10.8	20	M
Nitrate as NO3	60.2	6.0	mg/L	25.0	37	92.8	70-130	1.32	20	
Sulfate as SO4	43.2	6.0	mg/L	25.0	18	101	70-130	0.00	20	
Batch T6J2709 - No Prep										
Blank (T6J2709-BLK1)				Prepared: 10/27/06 Analyzed: 11/01/06						
Biochemical Oxygen Demand	ND	1.0	mg/L							
Blank (T6J2709-BLK2)				Prepared: 10/27/06 Analyzed: 11/01/06						
Biochemical Oxygen Demand	ND	1.0	mg/L							
LCS (T6J2709-BS1)				Prepared: 10/27/06 Analyzed: 11/01/06						

Inorganics - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch T6J2709 - No Prep										
LCS (T6J2709-BS1)				Prepared: 10/27/06 Analyzed: 11/01/06						
Biochemical Oxygen Demand	169	40	mg/L	198		85.4	80-120		20	
LCS Dup (T6J2709-BSD1)				Prepared: 10/27/06 Analyzed: 11/01/06						
Biochemical Oxygen Demand	182	40	mg/L	198		91.9	80-120	7.41	20	
Duplicate (T6J2709-DUP1)		**Source: 6J26017-01**		Prepared: 10/27/06 Analyzed: 11/01/06						
Biochemical Oxygen Demand	140	30	mg/L		140			0.00	20	
Duplicate (T6J2709-DUP2)		**Source: 6J26030-01**		Prepared: 10/27/06 Analyzed: 11/01/06						
Biochemical Oxygen Demand	94.7	30	mg/L		95			0.316	20	
Batch T6J2710 - No Prep										
Blank (T6J2710-BLK1)				Prepared & Analyzed: 10/25/06						
Methylene Blue Active Substances	ND	0.050	mg/L							
LCS (T6J2710-BS1)				Prepared & Analyzed: 10/25/06						
Methylene Blue Active Substances	0.935	0.050	mg/L	1.00		93.5	80-120		20	
LCS Dup (T6J2710-BSD1)				Prepared & Analyzed: 10/25/06						
Methylene Blue Active Substances	1.04	0.050	mg/L	1.00		104	80-120	10.6	20	
Matrix Spike (T6J2710-MS1)		**Source: 6J24041-01**		Prepared & Analyzed: 10/25/06						
Methylene Blue Active Substances	1.01	0.050	mg/L	1.00	ND	101	80-120		20	
Matrix Spike Dup (T6J2710-MSD1)		**Source: 6J24041-01**		Prepared & Analyzed: 10/25/06						
Methylene Blue Active Substances	1.04	0.050	mg/L	1.00	ND	104	80-120	2.93	20	
Batch T6J2714 - Default Prep GenChem										
LCS (T6J2714-BS1)				Prepared & Analyzed: 10/27/06						
Turbidity	9.92	0.020	NTU	10.0		99.2	80-120		20	
LCS Dup (T6J2714-BSD1)				Prepared & Analyzed: 10/27/06						
Turbidity	9.95	0.020	NTU	10.0		99.5	80-120	0.302	20	
Duplicate (T6J2714-DUP1)		**Source: 6J27006-02**		Prepared & Analyzed: 10/27/06						
Turbidity	0.100	0.020	NTU		0.11			9.52	20	
Batch T6J3002 - No Prep										
Blank (T6J3002-BLK1)				Prepared & Analyzed: 10/30/06						
Fluoride	ND	0.10	mg/L							
Chloride	ND	2.0	mg/L							
Nitrate as NO3	ND	2.0	mg/L							
Sulfate as SO4	ND	2.0	mg/L							
LCS (T6J3002-BS1)				Prepared & Analyzed: 10/30/06						
Fluoride	2.04	0.10	mg/L	2.00		102	90-110		20	
Chloride	23.6	2.0	mg/L	25.0		94.4	90-110		20	
Nitrate as NO3	23.8	2.0	mg/L	25.0		95.2	90-110		20	
Sulfate as SO4	23.9	2.0	mg/L	25.0		95.6	90-110		20	
LCS Dup (T6J3002-BSD1)				Prepared & Analyzed: 10/30/06						
Fluoride	1.97	0.10	mg/L	2.00		98.5	90-110	3.49	20	
Chloride	23.4	2.0	mg/L	25.0		93.6	90-110	0.851	20	
Nitrate as NO3	23.7	2.0	mg/L	25.0		94.8	90-110	0.421	20	
Sulfate as SO4	23.8	2.0	mg/L	25.0		95.2	90-110	0.419	20	

Inorganics - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch T6J3002 - No Prep										
Matrix Spike (T6J3002-MS1)		**Source: 6J30022-04**		Prepared & Analyzed: 10/30/06						
Fluoride	2.18	0.10	mg/L	2.00	ND	109	48.9-155		20	
Chloride	24.7	2.0	mg/L	25.0	1.5	92.8	48-147		15	
Nitrate as NO3	25.5	2.0	mg/L	25.0	ND	102	70-130		20	
Sulfate as SO4	25.1	2.0	mg/L	25.0	ND	100	70-130		20	
Matrix Spike (T6J3002-MS2)		**Source: 6J30024-02**		Prepared: 10/30/06 Analyzed: 10/31/06						
Fluoride	2.09	0.10	mg/L	2.00	0.19	95.0	48.9-155		20	
Chloride	48.4	2.0	mg/L	25.0	20	114	48-147		15	
Nitrate as NO3	47.9	2.0	mg/L	25.0	19	116	70-130		20	
Sulfate as SO4	32.6	2.0	mg/L	25.0	6.2	106	70-130		20	
Matrix Spike Dup (T6J3002-MSD1)		**Source: 6J30022-04**		Prepared & Analyzed: 10/30/06						
Fluoride	2.14	0.10	mg/L	2.00	ND	107	48.9-155	1.85	20	
Chloride	25.0	2.0	mg/L	25.0	1.5	94.0	48-147	1.21	15	
Nitrate as NO3	26.0	2.0	mg/L	25.0	ND	104	70-130	1.94	20	
Sulfate as SO4	25.8	2.0	mg/L	25.0	ND	103	70-130	2.75	20	
Matrix Spike Dup (T6J3002-MSD2)		**Source: 6J30024-02**		Prepared: 10/30/06 Analyzed: 10/31/06						
Fluoride	2.28	0.10	mg/L	2.00	0.19	104	48.9-155	8.70	20	
Chloride	49.2	2.0	mg/L	25.0	20	117	48-147	1.64	15	
Nitrate as NO3	48.4	2.0	mg/L	25.0	19	118	70-130	1.04	20	
Sulfate as SO4	33.2	2.0	mg/L	25.0	6.2	108	70-130	1.82	20	
Batch T6J3003 - Default Prep GenChem										
Blank (T6J3003-BLK1)				Prepared: 10/30/06 Analyzed: 10/31/06						
Phosphorus	ND	0.10	mg/L							
LCS (T6J3003-BS1)				Prepared: 10/30/06 Analyzed: 10/31/06						
Phosphorus	2.40	0.10	mg/L	2.50		96.0	80-120		20	
LCS Dup (T6J3003-BSD1)				Prepared: 10/30/06 Analyzed: 10/31/06						
Phosphorus	2.46	0.10	mg/L	2.50		98.4	80-120	2.47	20	
Matrix Spike (T6J3003-MS1)		**Source: 6J25006-02**		Prepared: 10/30/06 Analyzed: 10/31/06						
Phosphorus	2.48	0.10	mg/L	2.50	ND	99.2	80-120		20	
Matrix Spike (T6J3003-MS2)		**Source: 6J27016-01**		Prepared: 10/30/06 Analyzed: 10/31/06						
Phosphorus	2.50	0.10	mg/L	2.50	0.083	96.7	80-120		20	
Matrix Spike Dup (T6J3003-MSD1)		**Source: 6J25006-02**		Prepared: 10/30/06 Analyzed: 10/31/06						
Phosphorus	2.52	0.10	mg/L	2.50	ND	101	80-120	1.60	20	
Matrix Spike Dup (T6J3003-MSD2)		**Source: 6J27016-01**		Prepared: 10/30/06 Analyzed: 10/31/06						
Phosphorus	2.51	0.10	mg/L	2.50	0.083	97.1	80-120	0.399	20	
Batch T6J3004 - No Prep										
Blank (T6J3004-BLK1)				Prepared & Analyzed: 10/30/06						
Sulfide	ND	1.0	mg/L							
LCS (T6J3004-BS1)				Prepared & Analyzed: 10/30/06						
Sulfide	5.02	1.0	mg/L	5.04		99.6	80-120		20	
LCS Dup (T6J3004-BSD1)				Prepared & Analyzed: 10/30/06						
Sulfide	5.08	1.0	mg/L	5.04		101	80-120	1.19	20	
Batch T6J3007 - No Prep										

Inorganics - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch T6J3007 - No Prep										
LCS (T6J3007-BS1)				Prepared & Analyzed: 10/27/06						
pH	7.00	0.10	pH Units	7.00		100	80-120		20	
LCS Dup (T6J3007-BSD1)				Prepared & Analyzed: 10/27/06						
pH	7.00	0.10	pH Units	7.00		100	80-120	0.00	20	
Duplicate (T6J3007-DUP1)		**Source: 6J27002-02**		Prepared & Analyzed: 10/27/06						
pH	6.80	0.10	pH Units		6.8			0.00	20	
Batch T6J3008 - No Prep										
Blank (T6J3008-BLK1)				Prepared & Analyzed: 10/27/06						
Specific Conductance (EC)	ND	1.0	µS/cm							
LCS (T6J3008-BS1)				Prepared & Analyzed: 10/27/06						
Specific Conductance (EC)	492	1.0	µS/cm	500		98.4	80-120		20	
LCS Dup (T6J3008-BSD1)				Prepared & Analyzed: 10/27/06						
Specific Conductance (EC)	495	1.0	µS/cm	500		99.0	80-120	0.608	20	
Batch T6J3010 - No Prep										
Blank (T6J3010-BLK1)				Prepared: 10/30/06 Analyzed: 11/03/06						
Cyanide (total)	ND	5.0	µg/L							
LCS (T6J3010-BS1)				Prepared: 10/30/06 Analyzed: 11/03/06						
Cyanide (total)	46.1	5.0	µg/L	50.0		92.2	80-120		20	
LCS Dup (T6J3010-BSD1)				Prepared: 10/30/06 Analyzed: 11/03/06						
Cyanide (total)	51.4	5.0	µg/L	50.0		103	80-120	10.9	20	
Matrix Spike (T6J3010-MS1)		**Source: 6J25026-03**		Prepared: 10/30/06 Analyzed: 11/03/06						
Cyanide (total)	49.4	5.0	µg/L	50.0	ND	98.8	80-120		20	
Matrix Spike Dup (T6J3010-MSD1)		**Source: 6J25026-03**		Prepared: 10/30/06 Analyzed: 11/03/06						
Cyanide (total)	52.9	5.0	µg/L	50.0	ND	106	80-120	6.84	20	
Batch T6J3103 - Default Prep GenChem										
Blank (T6J3103-BLK1)				Prepared: 10/31/06 Analyzed: 11/01/06						
Ammonia as N	ND	1.0	mg/L							
LCS (T6J3103-BS1)				Prepared: 10/31/06 Analyzed: 11/01/06						
Ammonia as N	23.8	1.0	mg/L	25.0		95.2	80-120		20	
LCS Dup (T6J3103-BSD1)				Prepared: 10/31/06 Analyzed: 11/01/06						
Ammonia as N	22.6	1.0	mg/L	25.0		90.4	80-120	5.17	20	
Matrix Spike (T6J3103-MS1)		**Source: 6J24023-01**		Prepared: 10/31/06 Analyzed: 11/01/06						
Ammonia as N	22.2	1.0	mg/L	25.0	0.48	86.9	80-120		20	
Matrix Spike (T6J3103-MS2)		**Source: 6J30022-04**		Prepared: 10/31/06 Analyzed: 11/01/06						
Ammonia as N	25.2	1.0	mg/L	25.0	0.26	99.8	80-120		20	
Matrix Spike Dup (T6J3103-MSD1)		**Source: 6J24023-01**		Prepared: 10/31/06 Analyzed: 11/01/06						
Ammonia as N	24.2	1.0	mg/L	25.0	0.48	94.9	80-120	8.62	20	
Matrix Spike Dup (T6J3103-MSD2)		**Source: 6J30022-04**		Prepared: 10/31/06 Analyzed: 11/01/06						
Ammonia as N	25.5	1.0	mg/L	25.0	0.26	101	80-120	1.18	20	
Batch T6J3107 - Default Prep GenChem										

Inorganics - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch T6J3107 - Default Prep GenChem										
Blank (T6J3107-BLK1)				Prepared: 10/31/06 Analyzed: 11/03/06						
Total Dissolved Solids	ND	10	mg/L							
LCS (T6J3107-BS1)				Prepared: 10/31/06 Analyzed: 11/03/06						
Total Dissolved Solids	206	10	mg/L	186		111	80-120		20	
LCS Dup (T6J3107-BSD1)				Prepared: 10/31/06 Analyzed: 11/03/06						
Total Dissolved Solids	200	10	mg/L	186		108	80-120	2.96	20	
Duplicate (T6J3107-DUP1)		**Source: 6J30024-01**		Prepared: 10/31/06 Analyzed: 11/03/06						
Total Dissolved Solids	412	10	mg/L		400			2.96	20	
Duplicate (T6J3107-DUP2)		**Source: 6J27006-02**		Prepared: 10/31/06 Analyzed: 11/03/06						
Total Dissolved Solids	444	10	mg/L		440			0.905	20	
Batch T6J3108 - No Prep										
Blank (T6J3108-BLK1)				Prepared: 10/31/06 Analyzed: 11/01/06						
Total Suspended Solids	ND	4.0	mg/L							
LCS (T6J3108-BS1)				Prepared: 10/31/06 Analyzed: 11/01/06						
Total Suspended Solids	210	10	mg/L	218		96.3	80-120		20	
LCS Dup (T6J3108-BSD1)				Prepared: 10/31/06 Analyzed: 11/01/06						
Total Suspended Solids	204	10	mg/L	218		93.6	80-120	2.90	20	
Duplicate (T6J3108-DUP1)		**Source: 6J26012-03**		Prepared: 10/31/06 Analyzed: 11/01/06						
Total Suspended Solids	96.3	6.7	mg/L		94			2.42	20	
Duplicate (T6J3108-DUP2)		**Source: 6J31008-02**		Prepared: 10/31/06 Analyzed: 11/01/06						
Total Suspended Solids	2700	330	mg/L		2700			0.00	20	
Batch T6K0306 - No Prep										
Blank (T6K0306-BLK1)				Prepared & Analyzed: 11/03/06						
Total Alkalinity as CaCO3	ND	20	mg/L							
Bicarbonate Alkalinity as HCO3	ND	20	mg/L							
Carbonate Alkalinity as CO3	ND	20	mg/L							
Hydroxide Alkalinity as OH	ND	20	mg/L							
LCS (T6K0306-BS1)				Prepared & Analyzed: 11/03/06						
Total Alkalinity as CaCO3	250	20	mg/L	250		100	80-120		20	
LCS Dup (T6K0306-BSD1)				Prepared & Analyzed: 11/03/06						
Total Alkalinity as CaCO3	250	20	mg/L	250		100	80-120	0.00	20	
Duplicate (T6K0306-DUP1)		**Source: 6J25026-08**		Prepared & Analyzed: 11/03/06						
Total Alkalinity as CaCO3	243	20	mg/L		240			1.24	20	
Bicarbonate Alkalinity as HCO3	297	20	mg/L		300			1.01	20	
Carbonate Alkalinity as CO3	ND	20	mg/L		ND				20	
Hydroxide Alkalinity as OH	ND	20	mg/L		ND				20	
Duplicate (T6K0306-DUP2)		**Source: 6J30021-01**		Prepared & Analyzed: 11/03/06						
Total Alkalinity as CaCO3	56.0	20	mg/L		56			0.00	20	
Bicarbonate Alkalinity as HCO3	68.3	20	mg/L		68			0.440	20	
Carbonate Alkalinity as CO3	ND	20	mg/L		ND				20	
Hydroxide Alkalinity as OH	ND	20	mg/L		ND				20	
Batch T6K0315 - No Prep										

Inorganics - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch T6K0315 - No Prep										
Blank (T6K0315-BLK1)				Prepared & Analyzed: 11/03/06						
Chemical Oxygen Demand	ND	10	mg/L							
LCS (T6K0315-BS1)				Prepared & Analyzed: 11/03/06						
Chemical Oxygen Demand	485	10	mg/L	500		97.0	80-120		20	
LCS Dup (T6K0315-BSD1)				Prepared & Analyzed: 11/03/06						
Chemical Oxygen Demand	485	10	mg/L	500		97.0	80-120	0.00	20	
Duplicate (T6K0315-DUP1)		**Source: 6J26012-01**		Prepared & Analyzed: 11/03/06						
Chemical Oxygen Demand	7.00	10	mg/L		ND				20	QL
Batch T6K0613 - Default Prep GC-Semi										
Blank (T6K0613-BLK1)				Prepared: 11/06/06 Analyzed: 11/07/06						
Total Organic Carbon	ND	1.0	mg/L							
LCS (T6K0613-BS1)				Prepared: 11/06/06 Analyzed: 11/07/06						
Total Organic Carbon	5.00	1.0	mg/L	5.00		100	70-130		20	
LCS Dup (T6K0613-BSD1)				Prepared: 11/06/06 Analyzed: 11/07/06						
Total Organic Carbon	4.96	1.0	mg/L	5.00		99.2	70-130	0.803	20	

Metals - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch T6J3006 - EPA 245.1/7470A Prep										
Blank (T6J3006-BLK1)				Prepared & Analyzed: 10/30/06						
Mercury	ND	0.20	µg/L							
LCS (T6J3006-BS1)				Prepared & Analyzed: 10/30/06						
Mercury	5.01	0.20	µg/L	5.00		100	85-115		20	
LCS Dup (T6J3006-BSD1)				Prepared & Analyzed: 10/30/06						
Mercury	4.81	0.20	µg/L	5.00		96.2	85-115	4.07	20	
Matrix Spike (T6J3006-MS1)		**Source: 6J20019-04**		Prepared & Analyzed: 10/30/06						
Mercury	4.90	0.20	µg/L	5.00	ND	98.0	70-130		20	
Matrix Spike (T6J3006-MS2)		**Source: 6J24040-01**		Prepared & Analyzed: 10/30/06						
Mercury	5.09	0.20	µg/L	5.00	ND	102	70-130		20	
Matrix Spike Dup (T6J3006-MSD1)		**Source: 6J20019-04**		Prepared & Analyzed: 10/30/06						
Mercury	4.59	0.20	µg/L	5.00	ND	91.8	70-130	6.53	20	
Matrix Spike Dup (T6J3006-MSD2)		**Source: 6J24040-01**		Prepared & Analyzed: 10/30/06						
Mercury	4.75	0.20	µg/L	5.00	ND	95.0	70-130	6.91	20	

Metals - Dissolved - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch T6J3006 - EPA 245.1/7470A Prep										
Blank (T6J3006-BLK1)				Prepared & Analyzed: 10/30/06						
Mercury	ND	0.20	µg/L							
LCS (T6J3006-BS1)				Prepared & Analyzed: 10/30/06						
Mercury	5.01	0.20	µg/L	5.00		100	85-115		20	
LCS Dup (T6J3006-BSD1)				Prepared & Analyzed: 10/30/06						
Mercury	4.81	0.20	µg/L	5.00		96.2	85-115	4.07	20	
Matrix Spike (T6J3006-MS1)		**Source: 6J20019-04**		Prepared & Analyzed: 10/30/06						
Mercury	4.90	0.20	µg/L	5.00	ND	98.0	75-125		20	
Matrix Spike (T6J3006-MS2)		**Source: 6J24040-01**		Prepared & Analyzed: 10/30/06						
Mercury	5.09	0.20	µg/L	5.00	ND	102	75-125		20	
Matrix Spike Dup (T6J3006-MSD1)		**Source: 6J20019-04**		Prepared & Analyzed: 10/30/06						
Mercury	4.59	0.20	µg/L	5.00	ND	91.8	75-125	6.53	20	
Matrix Spike Dup (T6J3006-MSD2)		**Source: 6J24040-01**		Prepared & Analyzed: 10/30/06						
Mercury	4.75	0.20	µg/L	5.00	ND	95.0	75-125	6.91	20	
Batch T6J3110 - EPA 200.2										
Blank (T6J3110-BLK1)				Prepared: 10/31/06 Analyzed: 11/01/06						
Cobalt	ND	0.0020	mg/L							
Potassium	ND	1.0	mg/L							
Antimony	ND	0.0050	mg/L							
Manganese	ND	0.0050	mg/L							
Magnesium	ND	0.10	mg/L							
Sodium	ND	1.0	mg/L							
Lead	ND	0.0050	mg/L							
Barium	ND	0.010	mg/L							
Copper	ND	0.0050	mg/L							
Silica (SiO2)	ND	0.20	mg/L							
Arsenic	ND	0.010	mg/L							
Beryllium	ND	0.0010	mg/L							
Silicon	ND	0.10	mg/L							
Iron	ND	0.10	mg/L							
Molybdenum	ND	0.0050	mg/L							
Selenium	ND	0.020	mg/L							
Silver	ND	0.0050	mg/L							
Boron	ND	0.050	mg/L							
Zinc	ND	0.0050	mg/L							
Aluminum	ND	0.050	mg/L							
Strontium	ND	0.00200	mg/L							
Vanadium	ND	0.010	mg/L							
Tin	ND	0.010	mg/L							
Nickel	ND	0.0050	mg/L							
Calcium	ND	0.10	mg/L							
Titanium	ND	0.0100	mg/L							
Thallium	ND	0.020	mg/L							
Chromium	ND	0.0050	mg/L							
Cadmium	ND	0.0010	mg/L							
LCS (T6J3110-BS1)				Prepared: 10/31/06 Analyzed: 11/01/06						
Boron	1.01	0.050	mg/L	1.00		101	85-115		20	

Metals - Dissolved - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch T6J3110 - EPA 200.2										
LCS (T6J3110-BS1)				Prepared: 10/31/06 Analyzed: 11/01/06						
Silver	0.103	0.0050	mg/L	0.100		103	85-115		20	
Silicon	2.08	0.10	mg/L	2.00		104	85-115		20	
Cadmium	0.0201	0.0010	mg/L	0.0200		100	85-115		20	
Zinc	0.107	0.0050	mg/L	0.100		107	85-115		20	
Selenium	0.403	0.020	mg/L	0.400		101	85-115		20	
Silica (SiO2)	4.47	0.20	mg/L	4.28		104	85-115		20	
Calcium	1.98	0.10	mg/L	2.00		99.0	85-115		20	
Sodium	2.22	1.0	mg/L	2.00		111	85-115		20	
Chromium	0.103	0.0050	mg/L	0.100		103	85-115		20	
Copper	0.0992	0.0050	mg/L	0.100		99.2	85-115		20	
Strontium	0.100	0.00200	mg/L	0.100		100	85-115		20	
Vanadium	0.197	0.010	mg/L	0.200		98.5	85-115		20	
Cobalt	0.0408	0.0020	mg/L	0.0400		102	85-115		20	
Barium	0.196	0.010	mg/L	0.200		98.0	85-115		20	
Beryllium	0.0198	0.0010	mg/L	0.0200		99.0	85-115		20	
Thallium	0.402	0.020	mg/L	0.400		100	85-115		20	
Arsenic	0.204	0.010	mg/L	0.200		102	85-115		20	
Titanium	0.210	0.0100	mg/L	0.200		105	85-115		20	
Antimony	0.0908	0.0050	mg/L	0.100		90.8	85-115		20	
Aluminum	1.01	0.050	mg/L	1.00		101	85-115		20	
Iron	2.08	0.10	mg/L	2.00		104	85-115		20	
Nickel	0.104	0.0050	mg/L	0.100		104	85-115		20	
Tin	0.397	0.010	mg/L	0.400		99.2	85-115		20	
Lead	0.106	0.0050	mg/L	0.100		106	85-115		20	
Magnesium	2.00	0.10	mg/L	2.00		100	85-115		20	
Manganese	0.102	0.0050	mg/L	0.100		102	85-115		20	
Molybdenum	0.0967	0.0050	mg/L	0.100		96.7	85-115		20	
Potassium	4.04	1.0	mg/L	4.00		101	85-115		20	
LCS Dup (T6J3110-BSD1)				Prepared: 10/31/06 Analyzed: 11/01/06						
Cobalt	0.0410	0.0020	mg/L	0.0400		102	85-115	0.489	20	
Tin	0.403	0.010	mg/L	0.400		101	85-115	1.50	20	
Beryllium	0.0198	0.0010	mg/L	0.0200		99.0	85-115	0.00	20	
Silica (SiO2)	4.51	0.20	mg/L	4.28		105	85-115	0.891	20	
Chromium	0.104	0.0050	mg/L	0.100		104	85-115	0.966	20	
Manganese	0.103	0.0050	mg/L	0.100		103	85-115	0.976	20	
Titanium	0.211	0.0100	mg/L	0.200		106	85-115	0.475	20	
Magnesium	2.02	0.10	mg/L	2.00		101	85-115	0.995	20	
Thallium	0.402	0.020	mg/L	0.400		100	85-115	0.00	20	
Nickel	0.105	0.0050	mg/L	0.100		105	85-115	0.957	20	
Boron	1.02	0.050	mg/L	1.00		102	85-115	0.985	20	
Vanadium	0.201	0.010	mg/L	0.200		100	85-115	2.01	20	
Calcium	2.01	0.10	mg/L	2.00		100	85-115	1.50	20	
Cadmium	0.0204	0.0010	mg/L	0.0200		102	85-115	1.48	20	
Molybdenum	0.0990	0.0050	mg/L	0.100		99.0	85-115	2.35	20	
Antimony	0.0953	0.0050	mg/L	0.100		95.3	85-115	4.84	20	
Zinc	0.108	0.0050	mg/L	0.100		108	85-115	0.930	20	
Aluminum	1.01	0.050	mg/L	1.00		101	85-115	0.00	20	
Strontium	0.101	0.00200	mg/L	0.100		101	85-115	0.995	20	
Iron	2.11	0.10	mg/L	2.00		106	85-115	1.43	20	

Metals - Dissolved - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch T6J3110 - EPA 200.2										
LCS Dup (T6J3110-BSD1)				Prepared: 10/31/06 Analyzed: 11/01/06						
Silicon	2.10	0.10	mg/L	2.00		105	85-115	0.957	20	
Arsenic	0.207	0.010	mg/L	0.200		104	85-115	1.46	20	
Silver	0.104	0.0050	mg/L	0.100		104	85-115	0.966	20	
Selenium	0.407	0.020	mg/L	0.400		102	85-115	0.988	20	
Copper	0.100	0.0050	mg/L	0.100		100	85-115	0.803	20	
Barium	0.198	0.010	mg/L	0.200		99.0	85-115	1.02	20	
Lead	0.106	0.0050	mg/L	0.100		106	85-115	0.00	20	
Potassium	4.06	1.0	mg/L	4.00		102	85-115	0.494	20	
Sodium	2.02	1.0	mg/L	2.00		101	85-115	9.43	20	
Matrix Spike (T6J3110-MS1)		**Source: 6J26009-09**		Prepared: 10/31/06 Analyzed: 11/01/06						
Cadmium	0.0194	0.0010	mg/L	0.0200	ND	97.0	70-130		20	
Molybdenum	0.106	0.0050	mg/L	0.100	0.0080	98.0	70-130		20	
Thallium	0.378	0.020	mg/L	0.400	ND	94.5	70-130		20	
Nickel	0.101	0.0050	mg/L	0.100	0.0012	99.8	70-130		20	
Iron	2.08	0.10	mg/L	2.00	0.050	102	70-130		20	
Silica (SiO2)	27.6	0.20	mg/L	4.28	23	107	70-130		20	
Zinc	0.143	0.0050	mg/L	0.100	0.037	106	70-130		20	
Arsenic	0.206	0.010	mg/L	0.200	ND	103	70-130		20	
Boron	1.22	0.050	mg/L	1.00	0.19	103	70-130		20	
Selenium	0.398	0.020	mg/L	0.400	ND	99.5	70-130		20	
Beryllium	0.0198	0.0010	mg/L	0.0200	ND	99.0	70-130		20	
Manganese	0.107	0.0050	mg/L	0.100	0.0072	99.8	70-130		20	
Cobalt	0.0396	0.0020	mg/L	0.0400	ND	99.0	70-130		20	
Lead	0.102	0.0050	mg/L	0.100	ND	102	70-130		20	
Copper	0.106	0.0050	mg/L	0.100	0.0024	104	70-130		20	
Tin	0.385	0.010	mg/L	0.400	ND	96.2	70-130		20	
Barium	0.220	0.010	mg/L	0.200	0.021	99.5	70-130		20	
Chromium	0.102	0.0050	mg/L	0.100	0.00056	101	70-130		20	
Strontium	0.324	0.00200	mg/L	0.100	0.218	106	70-130		20	
Aluminum	1.06	0.050	mg/L	1.00	0.047	101	70-130		20	
Titanium	0.208	0.0100	mg/L	0.200	ND	104	70-130		20	
Silver	0.103	0.0050	mg/L	0.100	ND	103	70-130		20	
Vanadium	0.202	0.010	mg/L	0.200	0.0036	99.2	70-130		20	
Antimony	0.106	0.0050	mg/L	0.100	ND	106	70-130		20	
Matrix Spike (T6J3110-MS2)		**Source: 6J27006-02**		Prepared: 10/31/06 Analyzed: 11/02/06						
Antimony	0.100	0.0050	mg/L	0.100	ND	100	70-130		20	
Beryllium	0.0198	0.0010	mg/L	0.0200	ND	99.0	70-130		20	
Arsenic	0.210	0.010	mg/L	0.200	ND	105	70-130		20	
Zinc	0.145	0.0050	mg/L	0.100	0.042	103	70-130		20	
Aluminum	1.01	0.050	mg/L	1.00	ND	101	70-130		20	
Barium	0.352	0.010	mg/L	0.200	0.15	101	70-130		20	
Silica (SiO2)	67.8	0.20	mg/L	4.28	64	88.8	70-130		20	
Cobalt	0.0386	0.0020	mg/L	0.0400	ND	96.5	70-130		20	
Titanium	0.208	0.0100	mg/L	0.200	ND	104	70-130		20	
Lead	0.104	0.0050	mg/L	0.100	0.0021	102	70-130		20	
Molybdenum	0.0989	0.0050	mg/L	0.100	0.0018	97.1	70-130		20	
Copper	0.151	0.0050	mg/L	0.100	0.049	102	70-130		20	
Tin	0.394	0.010	mg/L	0.400	ND	98.5	70-130		20	
Selenium	0.402	0.020	mg/L	0.400	ND	100	70-130		20	

Metals - Dissolved - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch T6J3110 - EPA 200.2										
Matrix Spike (T6J3110-MS2)		**Source: 6J27006-02**		Prepared: 10/31/06 Analyzed: 11/02/06						
Nickel	0.101	0.0050	mg/L	0.100	0.0017	99.3	70-130		20	
Manganese	0.101	0.0050	mg/L	0.100	0.0013	99.7	70-130		20	
Chromium	0.104	0.0050	mg/L	0.100	0.0016	102	70-130		20	
Vanadium	0.239	0.010	mg/L	0.200	0.043	98.0	70-130		20	
Silver	0.105	0.0050	mg/L	0.100	ND	105	70-130		20	
Iron	2.05	0.10	mg/L	2.00	ND	102	70-130		20	
Cadmium	0.0196	0.0010	mg/L	0.0200	ND	98.0	70-130		20	
Strontium	0.477	0.00200	mg/L	0.100	0.379	98.0	70-130		20	
Thallium	0.402	0.020	mg/L	0.400	ND	100	70-130		20	
Boron	1.05	0.050	mg/L	1.00	0.015	104	70-130		20	
Matrix Spike Dup (T6J3110-MSD1)		**Source: 6J26009-09**		Prepared: 10/31/06 Analyzed: 11/01/06						
Manganese	0.109	0.0050	mg/L	0.100	0.0072	102	70-130	1.85	20	
Nickel	0.104	0.0050	mg/L	0.100	0.0012	103	70-130	2.93	20	
Molybdenum	0.110	0.0050	mg/L	0.100	0.0080	102	70-130	3.70	20	
Titanium	0.211	0.0100	mg/L	0.200	ND	106	70-130	1.43	20	
Aluminum	1.09	0.050	mg/L	1.00	0.047	104	70-130	2.79	20	
Antimony	0.109	0.0050	mg/L	0.100	ND	109	70-130	2.79	20	
Selenium	0.408	0.020	mg/L	0.400	ND	102	70-130	2.48	20	
Silica (SiO2)	28.2	0.20	mg/L	4.28	23	121	70-130	2.15	20	
Silver	0.105	0.0050	mg/L	0.100	ND	105	70-130	1.92	20	
Strontium	0.331	0.00200	mg/L	0.100	0.218	113	70-130	2.14	20	
Thallium	0.382	0.020	mg/L	0.400	ND	95.5	70-130	1.05	20	
Tin	0.395	0.010	mg/L	0.400	ND	98.8	70-130	2.56	20	
Cobalt	0.0406	0.0020	mg/L	0.0400	ND	102	70-130	2.49	20	
Boron	1.25	0.050	mg/L	1.00	0.19	106	70-130	2.43	20	
Cadmium	0.0199	0.0010	mg/L	0.0200	ND	99.5	70-130	2.54	20	
Vanadium	0.208	0.010	mg/L	0.200	0.0036	102	70-130	2.93	20	
Zinc	0.145	0.0050	mg/L	0.100	0.037	108	70-130	1.39	20	
Beryllium	0.0202	0.0010	mg/L	0.0200	ND	101	70-130	2.00	20	
Chromium	0.104	0.0050	mg/L	0.100	0.00056	103	70-130	1.94	20	
Barium	0.226	0.010	mg/L	0.200	0.021	102	70-130	2.69	20	
Copper	0.109	0.0050	mg/L	0.100	0.0024	107	70-130	2.79	20	
Iron	2.13	0.10	mg/L	2.00	0.050	104	70-130	2.38	20	
Lead	0.105	0.0050	mg/L	0.100	ND	105	70-130	2.90	20	
Arsenic	0.212	0.010	mg/L	0.200	ND	106	70-130	2.87	20	
Matrix Spike Dup (T6J3110-MSD2)		**Source: 6J27006-02**		Prepared: 10/31/06 Analyzed: 11/02/06						
Selenium	0.395	0.020	mg/L	0.400	ND	98.8	70-130	1.76	20	
Boron	1.04	0.050	mg/L	1.00	0.015	102	70-130	0.957	20	
Thallium	0.398	0.020	mg/L	0.400	ND	99.5	70-130	1.00	20	
Strontium	0.472	0.00200	mg/L	0.100	0.379	93.0	70-130	1.05	20	
Cadmium	0.0192	0.0010	mg/L	0.0200	ND	96.0	70-130	2.06	20	
Zinc	0.144	0.0050	mg/L	0.100	0.042	102	70-130	0.692	20	
Silver	0.103	0.0050	mg/L	0.100	ND	103	70-130	1.92	20	
Arsenic	0.206	0.010	mg/L	0.200	ND	103	70-130	1.92	20	
Silica (SiO2)	67.1	0.20	mg/L	4.28	64	72.4	70-130	1.04	20	
Iron	2.02	0.10	mg/L	2.00	ND	101	70-130	1.47	20	
Vanadium	0.238	0.010	mg/L	0.200	0.043	97.5	70-130	0.419	20	
Tin	0.391	0.010	mg/L	0.400	ND	97.8	70-130	0.764	20	
Chromium	0.102	0.0050	mg/L	0.100	0.0016	100	70-130	1.94	20	

Metals - Dissolved - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch T6J3110 - EPA 200.2										
Matrix Spike Dup (T6J3110-MSD2)		**Source: 6J27006-02**		Prepared: 10/31/06 Analyzed: 11/02/06						
Molybdenum	0.0983	0.0050	mg/L	0.100	0.0018	96.5	70-130	0.609	20	
Antimony	0.0988	0.0050	mg/L	0.100	ND	98.8	70-130	1.21	20	
Manganese	0.0999	0.0050	mg/L	0.100	0.0013	98.6	70-130	1.10	20	
Lead	0.102	0.0050	mg/L	0.100	0.0021	99.9	70-130	1.94	20	
Aluminum	1.00	0.050	mg/L	1.00	ND	100	70-130	0.995	20	
Cobalt	0.0383	0.0020	mg/L	0.0400	ND	95.8	70-130	0.780	20	
Barium	0.347	0.010	mg/L	0.200	0.15	98.5	70-130	1.43	20	
Titanium	0.205	0.0100	mg/L	0.200	ND	102	70-130	1.45	20	
Nickel	0.0997	0.0050	mg/L	0.100	0.0017	98.0	70-130	1.30	20	
Copper	0.149	0.0050	mg/L	0.100	0.049	100	70-130	1.33	20	
Beryllium	0.0193	0.0010	mg/L	0.0200	ND	96.5	70-130	2.56	20	