ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Analytical Report

July 22, 2020

Report to:
Jake Wilkinson
CRG Mining, LLC
510 S Wisconsin St
Gunnison, CO 80231

Bill to:
Jake Wilkinson
CRG Mining, LLC
510 S Wisconsin St
Gunnison, CO 80231

Project ID:
ACZ Project ID: L60143

Jake Wilkinson:

Enclosed are the analytical results for sample(s) submitted to ACZ Laboratories, Inc. (ACZ) on July 09, 2020. This project has been assigned to ACZ's project number, L60143. Please reference this number in all future inquiries.

All analyses were performed according to ACZ's Quality Assurance Plan. The enclosed results relate only to the samples received under L60143. Each section of this report has been reviewed and approved by the appropriate Laboratory Supervisor, or a qualified substitute.

Except as noted, the test results for the methods and parameters listed on ACZ's current NELAC certificate letter (#ACZ) meet all requirements of NELAC.

This report shall be used or copied only in its entirety. ACZ is not responsible for the consequences arising from the use of a partial report.

All samples and sub-samples associated with this project will be disposed of after August 21, 2020. If the samples are determined to be hazardous, additional charges apply for disposal (typically $11/sample). If you would like the samples to be held longer than ACZ's stated policy or to be returned, please contact your Project Manager or Customer Service Representative for further details and associated costs. ACZ retains analytical raw data reports for ten years.

If you have any questions or other needs, please contact your Project Manager.

Max Janicek has reviewed and approved this report.

CRG Mining, LLC
Project ID:
Sample ID: GL 1

ACZ Sample ID: ***L60143-01***
Date Sampled: *07/07/20 10:13*
Date Received: *07/09/20*
Sample Matrix: *Surface Water*

Inorganic Prep

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Cyanide, total	M335.4 - Manual Distillation		-						07/15/20 11:36	wtc
Lab Filtration (0.45um) & Acidification	M200.7/200.8/3005A								07/13/20 16:02	ral

Metals Analysis

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Aluminum, dissolved	M200.7 ICP	1		U		mg/L	0.05	0.3	07/15/20 12:31	kja
Antimony, dissolved	M200.8 ICP-MS	1		U		mg/L	0.0004	0.002	07/16/20 13:17	enb
Arsenic, dissolved	M200.8 ICP-MS	1		U		mg/L	0.0002	0.001	07/16/20 13:17	enb
Barium, dissolved	M200.7 ICP	1	0.014	B		mg/L	0.007	0.04	07/15/20 12:31	kja
Beryllium, dissolved	M200.8 ICP-MS	1		U		mg/L	0.00008	0.0003	07/16/20 13:17	enb
Cadmium, dissolved	M200.8 ICP-MS	1		U		mg/L	0.00005	0.0003	07/16/20 13:17	enb
Calcium, dissolved	M200.7 ICP	1	12.7			mg/L	0.1	0.5	07/15/20 12:31	kja
Chromium, dissolved	M200.8 ICP-MS	1		U		mg/L	0.0005	0.002	07/16/20 13:17	enb
Cobalt, dissolved	M200.7 ICP	1		U		mg/L	0.01	0.05	07/15/20 12:31	kja
Copper, dissolved	M200.7 ICP	1		U		mg/L	0.01	0.05	07/15/20 12:31	kja
Iron, dissolved	M200.7 ICP	1		U		mg/L	0.06	0.2	07/15/20 12:31	kja
Lead, dissolved	M200.8 ICP-MS	1		U		mg/L	0.0001	0.0005	07/16/20 13:17	enb
Magnesium, dissolved	M200.7 ICP	1	4.7			mg/L	0.2	1	07/15/20 12:31	kja
Manganese, dissolved	M200.7 ICP	1		U		mg/L	0.01	0.05	07/15/20 12:31	kja
Mercury, total	M245.1 CVAA	1		U	*	mg/L	0.0002	0.001	07/14/20 18:20	slm
Nickel, dissolved	M200.7 ICP	1		U		mg/L	0.008	0.04	07/15/20 12:31	kja
Potassium, dissolved	M200.7 ICP	1	0.3	B		mg/L	0.2	1	07/15/20 12:31	kja
Sodium, dissolved	M200.7 ICP	1	1.3			mg/L	0.2	1	07/15/20 12:31	kja
Vanadium, dissolved	M200.7 ICP	1		U		mg/L	0.01	0.03	07/16/20 12:30	kja
Zinc, dissolved	M200.7 ICP	1		U		mg/L	0.02	0.05	07/15/20 12:31	kja

CRG Mining, LLC
Project ID:
Sample ID: GL 1

ACZ Sample ID: ***L60143-01***
Date Sampled: *07/07/20 10:13*
Date Received: *07/09/20*
Sample Matrix: *Surface Water*

Wet Chemistry

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Alkalinity as CaCO3	SM2320B - Titration									
Bicarbonate as CaCO3		1	56.7		*	mg/L	2	20	07/15/20 0:00	eep
Carbonate as CaCO3		1		U	*	mg/L	2	20	07/15/20 0:00	eep
Hydroxide as CaCO3		1		U	*	mg/L	2	20	07/15/20 0:00	eep
Total Alkalinity		1	56.7		*	mg/L	2	20	07/15/20 0:00	eep
Cation-Anion Balance	Calculation									
Cation-Anion Balance			-4.3			%			07/22/20 0:00	calc
Sum of Anions			1.2			meq/L			07/22/20 0:00	calc
Sum of Cations			1.1			meq/L			07/22/20 0:00	calc
Chloride	SM4500Cl-E	1		U	*	mg/L	0.5	2	07/16/20 12:43	ttg
Conductivity @25C	SM2510B	1	106		*	umhos/cm	1	10	07/15/20 21:47	eep
Cyanide, total	M335.4 - Colorimetric w/ distillation	0.5		U	*	mg/L	0.003	0.01	07/18/20 22:14	pjb
Hardness as CaCO3 (dissolved)	SM2340B - Calculation		51			mg/L	0.2	5	07/22/20 0:00	calc
Lab Filtration (0.45um filter)	SOPWC050	1							07/09/20 14:39	eij
Nitrate as N, dissolved	Calculation: NO3NO2 minus NO2		0.03	BH		mg/L	0.02	0.1	07/22/20 0:00	calc
Nitrate/Nitrite as N, dissolved	M353.2 - Automated Cadmium Reduction	1	0.03	BH	*	mg/L	0.02	0.1	07/10/20 22:54	pjb
Nitrite as N, dissolved	M353.2 - Automated Cadmium Reduction	1		UH	*	mg/L	0.01	0.05	07/10/20 22:54	pjb
pH (lab)	SM4500H+ B									
pH		1	8.1	H	*	units	0.1	0.1	07/15/20 0:00	eep
pH measured at		1	20.8		*	C	0.1	0.1	07/15/20 0:00	eep
Residue, Filterable (TDS) @180C	SM2540C	1	70		*	mg/L	20	40	07/10/20 14:00	jck
Sulfate	D516-02/-07/-11 - Turbidimetric	1	2.8	B	*	mg/L	1	5	07/15/20 9:08	rbt

CRG Mining, LLC
Project ID:
Sample ID: GL 2

ACZ Sample ID: ***L60143-02***
Date Sampled: *07/07/20 10:00*
Date Received: *07/09/20*
Sample Matrix: *Surface Water*

Inorganic Prep

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Cyanide, total	M335.4 - Manual Distillation		-						07/15/20 11:42	wtc
Lab Filtration (0.45um) & Acidification	M200.7/200.8/3005A								07/13/20 16:02	ral

Metals Analysis

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Aluminum, dissolved	M200.7 ICP	1		U		mg/L	0.05	0.3	07/15/20 12:34	kja
Antimony, dissolved	M200.8 ICP-MS	1		U		mg/L	0.0004	0.002	07/16/20 19:07	bsu
Arsenic, dissolved	M200.8 ICP-MS	1	0.0027			mg/L	0.0002	0.001	07/16/20 19:07	bsu
Barium, dissolved	M200.7 ICP	1	0.012	B		mg/L	0.007	0.04	07/15/20 12:34	kja
Beryllium, dissolved	M200.8 ICP-MS	1		U		mg/L	0.00008	0.0003	07/16/20 19:07	bsu
Cadmium, dissolved	M200.8 ICP-MS	1	0.00328			mg/L	0.00005	0.0003	07/16/20 19:07	bsu
Calcium, dissolved	M200.7 ICP	1	23.6			mg/L	0.1	0.5	07/15/20 12:34	kja
Chromium, dissolved	M200.8 ICP-MS	1		U		mg/L	0.0005	0.002	07/16/20 19:07	bsu
Cobalt, dissolved	M200.7 ICP	1		U		mg/L	0.01	0.05	07/15/20 12:34	kja
Copper, dissolved	M200.7 ICP	1		U		mg/L	0.01	0.05	07/15/20 12:34	kja
Iron, dissolved	M200.7 ICP	1		U		mg/L	0.06	0.2	07/15/20 12:34	kja
Lead, dissolved	M200.8 ICP-MS	1	0.0001	B		mg/L	0.0001	0.0005	07/16/20 19:07	bsu
Magnesium, dissolved	M200.7 ICP	1	7.0			mg/L	0.2	1	07/15/20 12:34	kja
Manganese, dissolved	M200.7 ICP	1	0.03	B		mg/L	0.01	0.05	07/15/20 12:34	kja
Mercury, total	M245.1 CVAA	1		U	*	mg/L	0.0002	0.001	07/14/20 18:23	slm
Nickel, dissolved	M200.7 ICP	1		U		mg/L	0.008	0.04	07/15/20 12:34	kja
Potassium, dissolved	M200.7 ICP	1	0.8	B		mg/L	0.2	1	07/15/20 12:34	kja
Sodium, dissolved	M200.7 ICP	1	4.1			mg/L	0.2	1	07/15/20 12:34	kja
Vanadium, dissolved	M200.7 ICP	1		U		mg/L	0.01	0.03	07/16/20 12:33	kja
Zinc, dissolved	M200.7 ICP	1	0.32			mg/L	0.02	0.05	07/15/20 12:34	kja

CRG Mining, LLC
Project ID:
Sample ID: GL 2

ACZ Sample ID: ***L60143-02***
Date Sampled: *07/07/20 10:00*
Date Received: *07/09/20*
Sample Matrix: *Surface Water*

Wet Chemistry

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Alkalinity as CaCO3	SM2320B - Titration									
Bicarbonate as CaCO3		1	75.4		*	mg/L	2	20	07/15/20 0:00	eep
Carbonate as CaCO3		1		U	*	mg/L	2	20	07/15/20 0:00	eep
Hydroxide as CaCO3		1		U	*	mg/L	2	20	07/15/20 0:00	eep
Total Alkalinity		1	75.4		*	mg/L	2	20	07/15/20 0:00	eep
Cation-Anion Balance	Calculation									
Cation-Anion Balance			-4.8			%			07/22/20 0:00	calc
Sum of Anions			2.2			meq/L			07/22/20 0:00	calc
Sum of Cations			2			meq/L			07/22/20 0:00	calc
Chloride	SM4500Cl-E	1	0.7	B	*	mg/L	0.5	2	07/16/20 12:44	ttg
Conductivity @25C	SM2510B	1	200		*	umhos/cm	1	10	07/15/20 21:57	eep
Cyanide, total	M335.4 - Colorimetric w/ distillation	0.5		U	*	mg/L	0.003	0.01	07/18/20 22:15	pjb
Hardness as CaCO3 (dissolved)	SM2340B - Calculation		88			mg/L	0.2	5	07/22/20 0:00	calc
Lab Filtration (0.45um filter)	SOPWC050	1							07/09/20 14:42	eij
Nitrate as N, dissolved	Calculation: NO3NO2 minus NO2		0.18	H		mg/L	0.02	0.1	07/22/20 0:00	calc
Nitrate/Nitrite as N, dissolved	M353.2 - Automated Cadmium Reduction	1	0.18	H	*	mg/L	0.02	0.1	07/10/20 22:57	pjb
Nitrite as N, dissolved	M353.2 - Automated Cadmium Reduction	1		UH	*	mg/L	0.01	0.05	07/10/20 22:57	pjb
pH (lab)	SM4500H+ B									
pH		1	8.1	H	*	units	0.1	0.1	07/15/20 0:00	eep
pH measured at		1	21.0		*	C	0.1	0.1	07/15/20 0:00	eep
Residue, Filterable (TDS) @180C	SM2540C	1	134		*	mg/L	20	40	07/10/20 14:03	jck
Sulfate	D516-02/-07/-11 - Turbidimetric	1	31.6		*	mg/L	1	5	07/15/20 9:08	rbt

CRG Mining, LLC
Project ID:
Sample ID: GL 3

ACZ Sample ID: ***L60143-03***
Date Sampled: *07/07/20 10:25*
Date Received: *07/09/20*
Sample Matrix: *Surface Water*

Inorganic Prep

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Cyanide, total	M335.4 - Manual Distillation		-						07/15/20 11:48	wtc
Lab Filtration (0.45um) & Acidification	M200.7/200.8/3005A								07/13/20 16:02	ral

Metals Analysis

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Aluminum, dissolved	M200.7 ICP	1		U		mg/L	0.05	0.3	07/15/20 12:37	kja
Antimony, dissolved	M200.8 ICP-MS	1		U		mg/L	0.0004	0.002	07/16/20 19:09	bsu
Arsenic, dissolved	M200.8 ICP-MS	1		U		mg/L	0.0002	0.001	07/16/20 19:09	bsu
Barium, dissolved	M200.7 ICP	1	0.013	B		mg/L	0.007	0.04	07/15/20 12:37	kja
Beryllium, dissolved	M200.8 ICP-MS	1		U		mg/L	0.00008	0.0003	07/16/20 19:09	bsu
Cadmium, dissolved	M200.8 ICP-MS	1	0.00015	B		mg/L	0.00005	0.0003	07/16/20 19:09	bsu
Calcium, dissolved	M200.7 ICP	1	13.2			mg/L	0.1	0.5	07/15/20 12:37	kja
Chromium, dissolved	M200.8 ICP-MS	1		U		mg/L	0.0005	0.002	07/16/20 19:09	bsu
Cobalt, dissolved	M200.7 ICP	1		U		mg/L	0.01	0.05	07/15/20 12:37	kja
Copper, dissolved	M200.7 ICP	1		U		mg/L	0.01	0.05	07/15/20 12:37	kja
Iron, dissolved	M200.7 ICP	1		U		mg/L	0.06	0.2	07/15/20 12:37	kja
Lead, dissolved	M200.8 ICP-MS	1		U		mg/L	0.0001	0.0005	07/16/20 19:09	bsu
Magnesium, dissolved	M200.7 ICP	1	4.8			mg/L	0.2	1	07/15/20 12:37	kja
Manganese, dissolved	M200.7 ICP	1		U		mg/L	0.01	0.05	07/15/20 12:37	kja
Mercury, total	M245.1 CVAA	1		U	*	mg/L	0.0002	0.001	07/14/20 18:24	slm
Nickel, dissolved	M200.7 ICP	1		U		mg/L	0.008	0.04	07/15/20 12:37	kja
Potassium, dissolved	M200.7 ICP	1	0.3	B		mg/L	0.2	1	07/15/20 12:37	kja
Sodium, dissolved	M200.7 ICP	1	1.4			mg/L	0.2	1	07/15/20 12:37	kja
Vanadium, dissolved	M200.7 ICP	1		U		mg/L	0.01	0.03	07/16/20 12:36	kja
Zinc, dissolved	M200.7 ICP	1		U		mg/L	0.02	0.05	07/15/20 12:37	kja

CRG Mining, LLC
Project ID:
Sample ID: GL 3

ACZ Sample ID: ***L60143-03***
Date Sampled: *07/07/20 10:25*
Date Received: *07/09/20*
Sample Matrix: *Surface Water*

Wet Chemistry

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Alkalinity as CaCO3	SM2320B - Titration									
Bicarbonate as CaCO3		1	58.2		*	mg/L	2	20	07/15/20 0:00	eep
Carbonate as CaCO3		1		U	*	mg/L	2	20	07/15/20 0:00	eep
Hydroxide as CaCO3		1		U	*	mg/L	2	20	07/15/20 0:00	eep
Total Alkalinity		1	58.2		*	mg/L	2	20	07/15/20 0:00	eep
Cation-Anion Balance	Calculation									
Cation-Anion Balance			-8.3			%			07/22/20 0:00	calc
Sum of Anions			1.3			meq/L			07/22/20 0:00	calc
Sum of Cations			1.1			meq/L			07/22/20 0:00	calc
Chloride	SM4500Cl-E	1		U	*	mg/L	0.5	2	07/16/20 12:45	ttg
Conductivity @25C	SM2510B	1	112		*	umhos/cm	1	10	07/15/20 22:08	eep
Cyanide, total	M335.4 - Colorimetric w/ distillation	0.5		U	*	mg/L	0.003	0.01	07/18/20 22:16	pjb
Hardness as CaCO3 (dissolved)	SM2340B - Calculation		53			mg/L	0.2	5	07/22/20 0:00	calc
Lab Filtration (0.45um filter)	SOPWC050	1							07/09/20 14:45	eij
Nitrate as N, dissolved	Calculation: NO3NO2 minus NO2		0.03	BH		mg/L	0.02	0.1	07/22/20 0:00	calc
Nitrate/Nitrite as N, dissolved	M353.2 - Automated Cadmium Reduction	1	0.03	BH	*	mg/L	0.02	0.1	07/10/20 22:59	pjb
Nitrite as N, dissolved	M353.2 - Automated Cadmium Reduction	1		UH	*	mg/L	0.01	0.05	07/10/20 22:59	pjb
pH (lab)	SM4500H+ B									
pH		1	8.1	H	*	units	0.1	0.1	07/15/20 0:00	eep
pH measured at		1	21.0		*	C	0.1	0.1	07/15/20 0:00	eep
Residue, Filterable (TDS) @180C	SM2540C	1	72		*	mg/L	20	40	07/10/20 14:05	jck
Sulfate	D516-02/-07/-11 - Turbidimetric	1	5.6		*	mg/L	1	5	07/15/20 9:08	rbt

CRG Mining, LLC
Project ID:
Sample ID: RM 1

ACZ Sample ID: ***L60143-04***
Date Sampled: *07/07/20 10:38*
Date Received: *07/09/20*
Sample Matrix: *Surface Water*

Inorganic Prep

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Cyanide, total	M335.4 - Manual Distillation		-						07/15/20 11:54	wtc
Lab Filtration (0.45um) & Acidification	M200.7/200.8/3005A								07/13/20 16:02	ral

Metals Analysis

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Aluminum, dissolved	M200.7 ICP	1		U		mg/L	0.05	0.3	07/15/20 12:40	kja
Antimony, dissolved	M200.8 ICP-MS	1		U		mg/L	0.0004	0.002	07/16/20 19:11	bsu
Arsenic, dissolved	M200.8 ICP-MS	1		U		mg/L	0.0002	0.001	07/16/20 19:11	bsu
Barium, dissolved	M200.7 ICP	1	0.013	B		mg/L	0.007	0.04	07/15/20 12:40	kja
Beryllium, dissolved	M200.8 ICP-MS	1		U		mg/L	0.00008	0.0003	07/16/20 19:11	bsu
Cadmium, dissolved	M200.8 ICP-MS	1	0.00011	B		mg/L	0.00005	0.0003	07/16/20 19:11	bsu
Calcium, dissolved	M200.7 ICP	1	15.2			mg/L	0.1	0.5	07/15/20 12:40	kja
Chromium, dissolved	M200.8 ICP-MS	1		U		mg/L	0.0005	0.002	07/16/20 19:11	bsu
Cobalt, dissolved	M200.7 ICP	1		U		mg/L	0.01	0.05	07/15/20 12:40	kja
Copper, dissolved	M200.7 ICP	1		U		mg/L	0.01	0.05	07/15/20 12:40	kja
Iron, dissolved	M200.7 ICP	1		U		mg/L	0.06	0.2	07/15/20 12:40	kja
Lead, dissolved	M200.8 ICP-MS	1		U		mg/L	0.0001	0.0005	07/16/20 19:11	bsu
Magnesium, dissolved	M200.7 ICP	1	5.1			mg/L	0.2	1	07/15/20 12:40	kja
Manganese, dissolved	M200.7 ICP	1		U		mg/L	0.01	0.05	07/15/20 12:40	kja
Mercury, total	M245.1 CVAA	1		U	*	mg/L	0.0002	0.001	07/14/20 18:25	slm
Nickel, dissolved	M200.7 ICP	1		U		mg/L	0.008	0.04	07/15/20 12:40	kja
Potassium, dissolved	M200.7 ICP	1	0.4	B		mg/L	0.2	1	07/15/20 12:40	kja
Sodium, dissolved	M200.7 ICP	1	1.2			mg/L	0.2	1	07/15/20 12:40	kja
Vanadium, dissolved	M200.7 ICP	1		U		mg/L	0.01	0.03	07/16/20 12:39	kja
Zinc, dissolved	M200.7 ICP	1		U		mg/L	0.02	0.05	07/15/20 12:40	kja

CRG Mining, LLC
Project ID:
Sample ID: RM 1

ACZ Sample ID: ***L60143-04***
Date Sampled: *07/07/20 10:38*
Date Received: *07/09/20*
Sample Matrix: *Surface Water*

Wet Chemistry

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Alkalinity as CaCO3	SM2320B - Titration									
Bicarbonate as CaCO3		1	66.1		*	mg/L	2	20	07/15/20 0:00	eep
Carbonate as CaCO3		1		U	*	mg/L	2	20	07/15/20 0:00	eep
Hydroxide as CaCO3		1		U	*	mg/L	2	20	07/15/20 0:00	eep
Total Alkalinity		1	66.1		*	mg/L	2	20	07/15/20 0:00	eep
Cation-Anion Balance	Calculation									
Cation-Anion Balance			-7.7			%			07/22/20 0:00	calc
Sum of Anions			1.4			meq/L			07/22/20 0:00	calc
Sum of Cations			1.2			meq/L			07/22/20 0:00	calc
Chloride	SM4500Cl-E	1		U	*	mg/L	0.5	2	07/16/20 12:45	ttg
Conductivity @25C	SM2510B	1	126		*	umhos/cm	1	10	07/15/20 22:18	eep
Cyanide, total	M335.4 - Colorimetric w/ distillation	0.5		U	*	mg/L	0.003	0.01	07/18/20 22:17	pjb
Hardness as CaCO3 (dissolved)	SM2340B - Calculation		59.0			mg/L	0.2	5	07/22/20 0:00	calc
Lab Filtration (0.45um filter)	SOPWC050	1							07/09/20 14:49	eij
Nitrate as N, dissolved	Calculation: NO3NO2 minus NO2		0.03	BH		mg/L	0.02	0.1	07/22/20 0:00	calc
Nitrate/Nitrite as N, dissolved	M353.2 - Automated Cadmium Reduction	1	0.03	BH	*	mg/L	0.02	0.1	07/10/20 23:01	pjb
Nitrite as N, dissolved	M353.2 - Automated Cadmium Reduction	1		UH	*	mg/L	0.01	0.05	07/10/20 23:01	pjb
pH (lab)	SM4500H+ B									
pH		1	8.2	H	*	units	0.1	0.1	07/15/20 0:00	eep
pH measured at		1	20.9		*	C	0.1	0.1	07/15/20 0:00	eep
Residue, Filterable (TDS) @180C	SM2540C	1	82		*	mg/L	20	40	07/10/20 14:08	jck
Sulfate	D516-02/-07/-11 - Turbidimetric	1	3.9	B	*	mg/L	1	5	07/15/20 9:08	rbt

CRG Mining, LLC
Project ID:
Sample ID: RM 2

ACZ Sample ID: ***L60143-05***
Date Sampled: *07/07/20 11:00*
Date Received: *07/09/20*
Sample Matrix: *Surface Water*

Inorganic Prep

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Cyanide, total	M335.4 - Manual Distillation		-						07/15/20 12:00	wtc
Lab Filtration (0.45um) & Acidification	M200.7/200.8/3005A								07/13/20 16:02	ral

Metals Analysis

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Aluminum, dissolved	M200.7 ICP	1		U		mg/L	0.05	0.3	07/15/20 12:43	kja
Antimony, dissolved	M200.8 ICP-MS	1		U		mg/L	0.0004	0.002	07/16/20 19:20	bsu
Arsenic, dissolved	M200.8 ICP-MS	1	0.0082			mg/L	0.0002	0.001	07/16/20 19:20	bsu
Barium, dissolved	M200.7 ICP	1		U		mg/L	0.007	0.04	07/15/20 12:43	kja
Beryllium, dissolved	M200.8 ICP-MS	1		U		mg/L	0.00008	0.0003	07/16/20 19:20	bsu
Cadmium, dissolved	M200.8 ICP-MS	1	0.00062			mg/L	0.00005	0.0003	07/16/20 19:20	bsu
Calcium, dissolved	M200.7 ICP	1	15.1			mg/L	0.1	0.5	07/15/20 12:43	kja
Chromium, dissolved	M200.8 ICP-MS	1		U		mg/L	0.0005	0.002	07/16/20 19:20	bsu
Cobalt, dissolved	M200.7 ICP	1		U		mg/L	0.01	0.05	07/15/20 12:43	kja
Copper, dissolved	M200.7 ICP	1		U		mg/L	0.01	0.05	07/15/20 12:43	kja
Iron, dissolved	M200.7 ICP	1		U		mg/L	0.06	0.2	07/15/20 12:43	kja
Lead, dissolved	M200.8 ICP-MS	1	0.0002	B		mg/L	0.0001	0.0005	07/16/20 19:20	bsu
Magnesium, dissolved	M200.7 ICP	1	3.2			mg/L	0.2	1	07/15/20 12:43	kja
Manganese, dissolved	M200.7 ICP	1		U		mg/L	0.01	0.05	07/15/20 12:43	kja
Mercury, total	M245.1 CVAA	1		U	*	mg/L	0.0002	0.001	07/14/20 18:26	slm
Nickel, dissolved	M200.7 ICP	1		U		mg/L	0.008	0.04	07/15/20 12:43	kja
Potassium, dissolved	M200.7 ICP	1	1.0			mg/L	0.2	1	07/15/20 12:43	kja
Sodium, dissolved	M200.7 ICP	1	3.9			mg/L	0.2	1	07/15/20 12:43	kja
Vanadium, dissolved	M200.7 ICP	1		U		mg/L	0.01	0.03	07/16/20 12:43	kja
Zinc, dissolved	M200.7 ICP	1	0.13			mg/L	0.02	0.05	07/15/20 12:43	kja

CRG Mining, LLC
Project ID:
Sample ID: RM 2

ACZ Sample ID: ***L60143-05***
Date Sampled: *07/07/20 11:00*
Date Received: *07/09/20*
Sample Matrix: *Surface Water*

Wet Chemistry

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Alkalinity as CaCO3	SM2320B - Titration									
Bicarbonate as CaCO3		1	44.9		*	mg/L	2	20	07/15/20 0:00	eep
Carbonate as CaCO3		1		U	*	mg/L	2	20	07/15/20 0:00	eep
Hydroxide as CaCO3		1		U	*	mg/L	2	20	07/15/20 0:00	eep
Total Alkalinity		1	44.9		*	mg/L	2	20	07/15/20 0:00	eep
Cation-Anion Balance	Calculation									
Cation-Anion Balance			-4.0			%			07/22/20 0:00	calc
Sum of Anions			1.3			meq/L			07/22/20 0:00	calc
Sum of Cations			1.2			meq/L			07/22/20 0:00	calc
Chloride	SM4500Cl-E	1		U	*	mg/L	0.5	2	07/16/20 12:45	ttg
Conductivity @25C	SM2510B	1	124		*	umhos/cm	1	10	07/15/20 22:28	eep
Cyanide, total	M335.4 - Colorimetric w/ distillation	0.5		U	*	mg/L	0.003	0.01	07/18/20 22:19	pjb
Hardness as CaCO3 (dissolved)	SM2340B - Calculation		51			mg/L	0.2	5	07/22/20 0:00	calc
Lab Filtration (0.45um filter)	SOPWC050	1							07/09/20 14:52	eij
Nitrate as N, dissolved	Calculation: NO3NO2 minus NO2		0.04	BH		mg/L	0.02	0.1	07/22/20 0:00	calc
Nitrate/Nitrite as N, dissolved	M353.2 - Automated Cadmium Reduction	1	0.04	BH	*	mg/L	0.02	0.1	07/10/20 23:06	pjb
Nitrite as N, dissolved	M353.2 - Automated Cadmium Reduction	1		UH	*	mg/L	0.01	0.05	07/10/20 23:06	pjb
pH (lab)	SM4500H+ B									
pH		1	8.0	H	*	units	0.1	0.1	07/15/20 0:00	eep
pH measured at		1	20.9		*	C	0.1	0.1	07/15/20 0:00	eep
Residue, Filterable (TDS) @180C	SM2540C	1	86		*	mg/L	20	40	07/10/20 14:10	jck
Sulfate	D516-02/-07/-11 - Turbidimetric	1	19.1		*	mg/L	1	5	07/15/20 9:08	rbt

CRG Mining, LLC
Project ID:
Sample ID: RM 3

ACZ Sample ID: ***L60143-06***
Date Sampled: *07/07/20 10:47*
Date Received: *07/09/20*
Sample Matrix: *Surface Water*

Inorganic Prep

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Cyanide, total	M335.4 - Manual Distillation		-						07/15/20 12:06	wtc
Lab Filtration (0.45um) & Acidification	M200.7/200.8/3005A								07/13/20 16:02	ral

Metals Analysis

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Aluminum, dissolved	M200.7 ICP	1		U		mg/L	0.05	0.3	07/15/20 12:47	kja
Antimony, dissolved	M200.8 ICP-MS	1		U		mg/L	0.0004	0.002	07/16/20 19:22	bsu
Arsenic, dissolved	M200.8 ICP-MS	1	0.0008	B		mg/L	0.0002	0.001	07/16/20 19:22	bsu
Barium, dissolved	M200.7 ICP	1	0.012	B		mg/L	0.007	0.04	07/15/20 12:47	kja
Beryllium, dissolved	M200.8 ICP-MS	1		U		mg/L	0.00008	0.0003	07/16/20 19:22	bsu
Cadmium, dissolved	M200.8 ICP-MS	1	0.00015	B		mg/L	0.00005	0.0003	07/16/20 19:22	bsu
Calcium, dissolved	M200.7 ICP	1	15.2			mg/L	0.1	0.5	07/15/20 12:47	kja
Chromium, dissolved	M200.8 ICP-MS	1		U		mg/L	0.0005	0.002	07/16/20 19:22	bsu
Cobalt, dissolved	M200.7 ICP	1		U		mg/L	0.01	0.05	07/15/20 12:47	kja
Copper, dissolved	M200.7 ICP	1		U		mg/L	0.01	0.05	07/15/20 12:47	kja
Iron, dissolved	M200.7 ICP	1		U		mg/L	0.06	0.2	07/15/20 12:47	kja
Lead, dissolved	M200.8 ICP-MS	1		U		mg/L	0.0001	0.0005	07/16/20 19:22	bsu
Magnesium, dissolved	M200.7 ICP	1	5.0			mg/L	0.2	1	07/15/20 12:47	kja
Manganese, dissolved	M200.7 ICP	1		U		mg/L	0.01	0.05	07/15/20 12:47	kja
Mercury, total	M245.1 CVAA	1		U	*	mg/L	0.0002	0.001	07/14/20 18:27	slm
Nickel, dissolved	M200.7 ICP	1		U		mg/L	0.008	0.04	07/15/20 12:47	kja
Potassium, dissolved	M200.7 ICP	1	0.4	B		mg/L	0.2	1	07/15/20 12:47	kja
Sodium, dissolved	M200.7 ICP	1	1.4			mg/L	0.2	1	07/15/20 12:47	kja
Vanadium, dissolved	M200.7 ICP	1		U		mg/L	0.01	0.03	07/16/20 12:46	kja
Zinc, dissolved	M200.7 ICP	1		U		mg/L	0.02	0.05	07/15/20 12:47	kja

CRG Mining, LLC
Project ID:
Sample ID: RM 3

ACZ Sample ID: ***L60143-06***
Date Sampled: *07/07/20 10:47*
Date Received: *07/09/20*
Sample Matrix: *Surface Water*

Wet Chemistry

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Alkalinity as CaCO3	SM2320B - Titration									
Bicarbonate as CaCO3		1	64.8		*	mg/L	2	20	07/15/20 0:00	eep
Carbonate as CaCO3		1		U	*	mg/L	2	20	07/15/20 0:00	eep
Hydroxide as CaCO3		1		U	*	mg/L	2	20	07/15/20 0:00	eep
Total Alkalinity		1	64.8		*	mg/L	2	20	07/15/20 0:00	eep
Cation-Anion Balance	Calculation									
Cation-Anion Balance			-7.7			%			07/22/20 0:00	calc
Sum of Anions			1.4			meq/L			07/22/20 0:00	calc
Sum of Cations			1.2			meq/L			07/22/20 0:00	calc
Chloride	SM4500Cl-E	1		U	*	mg/L	0.5	2	07/16/20 12:45	ttg
Conductivity @25C	SM2510B	1	127		*	umhos/cm	1	10	07/15/20 22:38	eep
Cyanide, total	M335.4 - Colorimetric w/ distillation	0.5		U	*	mg/L	0.003	0.01	07/18/20 22:20	pjb
Hardness as CaCO3 (dissolved)	SM2340B - Calculation		59			mg/L	0.2	5	07/22/20 0:00	calc
Lab Filtration (0.45um filter)	SOPWC050	1							07/09/20 14:56	eij
Nitrate as N, dissolved	Calculation: NO3NO2 minus NO2		0.03	BH		mg/L	0.02	0.1	07/22/20 0:00	calc
Nitrate/Nitrite as N, dissolved	M353.2 - Automated Cadmium Reduction	1	0.03	BH	*	mg/L	0.02	0.1	07/10/20 23:07	pjb
Nitrite as N, dissolved	M353.2 - Automated Cadmium Reduction	1		UH	*	mg/L	0.01	0.05	07/10/20 23:07	pjb
pH (lab)	SM4500H+ B									
pH		1	8.2	H	*	units	0.1	0.1	07/15/20 0:00	eep
pH measured at		1	21.3		*	C	0.1	0.1	07/15/20 0:00	eep
Residue, Filterable (TDS) @180C	SM2540C	1	80		*	mg/L	20	40	07/10/20 14:13	jck
Sulfate	D516-02/-07/-11 - Turbidimetric	1	5.0	B	*	mg/L	1	5	07/15/20 9:08	rbt

CRG Mining, LLC
Project ID:
Sample ID: CM 1

ACZ Sample ID: ***L60143-07***
Date Sampled: *07/07/20 11:22*
Date Received: *07/09/20*
Sample Matrix: *Surface Water*

Inorganic Prep

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Cyanide, total	M335.4 - Manual Distillation		-						07/15/20 12:12	wtc
Lab Filtration (0.45um) & Acidification	M200.7/200.8/3005A								07/13/20 16:02	ral

Metals Analysis

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Aluminum, dissolved	M200.7 ICP	1		U		mg/L	0.05	0.3	07/15/20 12:50	kja
Antimony, dissolved	M200.8 ICP-MS	1		U		mg/L	0.0004	0.002	07/16/20 19:24	bsu
Arsenic, dissolved	M200.8 ICP-MS	1	0.0008	B		mg/L	0.0002	0.001	07/16/20 19:24	bsu
Barium, dissolved	M200.7 ICP	1	0.013	B		mg/L	0.007	0.04	07/15/20 12:50	kja
Beryllium, dissolved	M200.8 ICP-MS	1		U		mg/L	0.00008	0.0003	07/16/20 19:24	bsu
Cadmium, dissolved	M200.8 ICP-MS	1	0.00012	B		mg/L	0.00005	0.0003	07/16/20 19:24	bsu
Calcium, dissolved	M200.7 ICP	1	15.5			mg/L	0.1	0.5	07/15/20 12:50	kja
Chromium, dissolved	M200.8 ICP-MS	1		U		mg/L	0.0005	0.002	07/16/20 19:24	bsu
Cobalt, dissolved	M200.7 ICP	1		U		mg/L	0.01	0.05	07/15/20 12:50	kja
Copper, dissolved	M200.7 ICP	1		U		mg/L	0.01	0.05	07/15/20 12:50	kja
Iron, dissolved	M200.7 ICP	1		U		mg/L	0.06	0.2	07/15/20 12:50	kja
Lead, dissolved	M200.8 ICP-MS	1	0.0006			mg/L	0.0001	0.0005	07/16/20 19:24	bsu
Magnesium, dissolved	M200.7 ICP	1	5.1			mg/L	0.2	1	07/15/20 12:50	kja
Manganese, dissolved	M200.7 ICP	1		U		mg/L	0.01	0.05	07/15/20 12:50	kja
Mercury, total	M245.1 CVAA	1		U		mg/L	0.0002	0.001	07/14/20 18:28	slm
Nickel, dissolved	M200.7 ICP	1		U		mg/L	0.008	0.04	07/15/20 12:50	kja
Potassium, dissolved	M200.7 ICP	1	0.5	B		mg/L	0.2	1	07/15/20 12:50	kja
Sodium, dissolved	M200.7 ICP	1	1.4			mg/L	0.2	1	07/15/20 12:50	kja
Vanadium, dissolved	M200.7 ICP	1		U		mg/L	0.01	0.03	07/16/20 12:49	kja
Zinc, dissolved	M200.7 ICP	1		U		mg/L	0.02	0.05	07/15/20 12:50	kja

CRG Mining, LLC
Project ID:
Sample ID: CM 1

ACZ Sample ID: ***L60143-07***
Date Sampled: *07/07/20 11:22*
Date Received: *07/09/20*
Sample Matrix: *Surface Water*

Wet Chemistry

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Alkalinity as CaCO3	SM2320B - Titration									
Bicarbonate as CaCO3		1	66.0		*	mg/L	2	20	07/15/20 0:00	eep
Carbonate as CaCO3		1		U	*	mg/L	2	20	07/15/20 0:00	eep
Hydroxide as CaCO3		1		U	*	mg/L	2	20	07/15/20 0:00	eep
Total Alkalinity		1	66.0		*	mg/L	2	20	07/15/20 0:00	eep
Cation-Anion Balance	Calculation									
Cation-Anion Balance			-3.7			%			07/22/20 0:00	calc
Sum of Anions			1.4			meq/L			07/22/20 0:00	calc
Sum of Cations			1.3			meq/L			07/22/20 0:00	calc
Chloride	SM4500Cl-E	1	0.5	B	*	mg/L	0.5	2	07/16/20 12:45	ttg
Conductivity @25C	SM2510B	1	128		*	umhos/cm	1	10	07/15/20 22:49	eep
Cyanide, total	M335.4 - Colorimetric w/ distillation	0.5		U	*	mg/L	0.003	0.01	07/18/20 22:21	pjb
Hardness as CaCO3 (dissolved)	SM2340B - Calculation		60			mg/L	0.2	5	07/22/20 0:00	calc
Lab Filtration (0.45um filter)	SOPWC050	1							07/09/20 14:59	eij
Nitrate as N, dissolved	Calculation: NO3NO2 minus NO2		0.02	BH		mg/L	0.02	0.1	07/22/20 0:00	calc
Nitrate/Nitrite as N, dissolved	M353.2 - Automated Cadmium Reduction	1	0.02	BH	*	mg/L	0.02	0.1	07/10/20 23:08	pjb
Nitrite as N, dissolved	M353.2 - Automated Cadmium Reduction	1		UH	*	mg/L	0.01	0.05	07/10/20 23:08	pjb
pH (lab)	SM4500H+ B									
pH		1	8.2	H	*	units	0.1	0.1	07/15/20 0:00	eep
pH measured at		1	21.5		*	C	0.1	0.1	07/15/20 0:00	eep
Residue, Filterable (TDS) @180C	SM2540C	1	76		*	mg/L	20	40	07/10/20 14:16	jck
Sulfate	D516-02/-07/-11 - Turbidimetric	1	4.5	B	*	mg/L	1	5	07/15/20 9:09	rbt

CRG Mining, LLC
Project ID:
Sample ID: CM 2

ACZ Sample ID: ***L60143-08***
Date Sampled: *07/07/20 11:15*
Date Received: *07/09/20*
Sample Matrix: *Surface Water*

Inorganic Prep

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Cyanide, total	M335.4 - Manual Distillation		-						07/15/20 12:18	wtc
Lab Filtration (0.45um) & Acidification	M200.7/200.8/3005A								07/13/20 16:02	ral

Metals Analysis

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Aluminum, dissolved	M200.7 ICP	1		U		mg/L	0.05	0.3	07/15/20 12:53	kja
Antimony, dissolved	M200.8 ICP-MS	1		U		mg/L	0.0004	0.002	07/16/20 19:26	bsu
Arsenic, dissolved	M200.8 ICP-MS	1	0.0019			mg/L	0.0002	0.001	07/16/20 19:26	bsu
Barium, dissolved	M200.7 ICP	1	0.013	B		mg/L	0.007	0.04	07/15/20 12:53	kja
Beryllium, dissolved	M200.8 ICP-MS	1		U		mg/L	0.00008	0.0003	07/16/20 19:26	bsu
Cadmium, dissolved	M200.8 ICP-MS	1	0.00011	B		mg/L	0.00005	0.0003	07/16/20 19:26	bsu
Calcium, dissolved	M200.7 ICP	1	17.3			mg/L	0.1	0.5	07/15/20 12:53	kja
Chromium, dissolved	M200.8 ICP-MS	1		U		mg/L	0.0005	0.002	07/16/20 19:26	bsu
Cobalt, dissolved	M200.7 ICP	1		U		mg/L	0.01	0.05	07/15/20 12:53	kja
Copper, dissolved	M200.7 ICP	1		U		mg/L	0.01	0.05	07/15/20 12:53	kja
Iron, dissolved	M200.7 ICP	1		U		mg/L	0.06	0.2	07/15/20 12:53	kja
Lead, dissolved	M200.8 ICP-MS	1		U		mg/L	0.0001	0.0005	07/16/20 19:26	bsu
Magnesium, dissolved	M200.7 ICP	1	3.2			mg/L	0.2	1	07/15/20 12:53	kja
Manganese, dissolved	M200.7 ICP	1		U		mg/L	0.01	0.05	07/15/20 12:53	kja
Mercury, total	M245.1 CVAA	1		U		mg/L	0.0002	0.001	07/14/20 18:30	slm
Nickel, dissolved	M200.7 ICP	1		U		mg/L	0.008	0.04	07/15/20 12:53	kja
Potassium, dissolved	M200.7 ICP	1	0.5	B		mg/L	0.2	1	07/15/20 12:53	kja
Sodium, dissolved	M200.7 ICP	1	5.7			mg/L	0.2	1	07/15/20 12:53	kja
Vanadium, dissolved	M200.7 ICP	1		U		mg/L	0.01	0.03	07/16/20 12:52	kja
Zinc, dissolved	M200.7 ICP	1		U		mg/L	0.02	0.05	07/15/20 12:53	kja

CRG Mining, LLC
Project ID:
Sample ID: CM 2

ACZ Sample ID: ***L60143-08***
Date Sampled: *07/07/20 11:15*
Date Received: *07/09/20*
Sample Matrix: *Surface Water*

Wet Chemistry

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Alkalinity as CaCO3	SM2320B - Titration									
Bicarbonate as CaCO3		1	69.3		*	mg/L	2	20	07/15/20 0:00	eep
Carbonate as CaCO3		1		U	*	mg/L	2	20	07/15/20 0:00	eep
Hydroxide as CaCO3		1		U	*	mg/L	2	20	07/15/20 0:00	eep
Total Alkalinity		1	69.3		*	mg/L	2	20	07/15/20 0:00	eep
Cation-Anion Balance	Calculation									
Cation-Anion Balance			-9.7			%			07/22/20 0:00	calc
Sum of Anions			1.7			meq/L			07/22/20 0:00	calc
Sum of Cations			1.4			meq/L			07/22/20 0:00	calc
Chloride	SM4500Cl-E	1		U	*	mg/L	0.5	2	07/16/20 12:45	ttg
Conductivity @25C	SM2510B	1	143		*	umhos/cm	1	10	07/15/20 22:59	eep
Cyanide, total	M335.4 - Colorimetric w/ distillation	0.5		U	*	mg/L	0.003	0.01	07/18/20 22:22	pjb
Hardness as CaCO3 (dissolved)	SM2340B - Calculation		56			mg/L	0.2	5	07/22/20 0:00	calc
Lab Filtration (0.45um filter)	SOPWC050	1							07/09/20 15:03	eij
Nitrate as N, dissolved	Calculation: NO3NO2 minus NO2		0.04	BH		mg/L	0.02	0.1	07/22/20 0:00	calc
Nitrate/Nitrite as N, dissolved	M353.2 - Automated Cadmium Reduction	1	0.04	BH	*	mg/L	0.02	0.1	07/10/20 23:10	pjb
Nitrite as N, dissolved	M353.2 - Automated Cadmium Reduction	1		UH	*	mg/L	0.01	0.05	07/10/20 23:10	pjb
pH (lab)	SM4500H+ B									
pH		1	8.1	H	*	units	0.1	0.1	07/15/20 0:00	eep
pH measured at		1	21.2		*	C	0.1	0.1	07/15/20 0:00	eep
Residue, Filterable (TDS) @180C	SM2540C	1	98		*	mg/L	20	40	07/10/20 14:18	jck
Sulfate	D516-02/-07/-11 - Turbidimetric	1	14.2		*	mg/L	1	5	07/15/20 9:09	rbt

CRG Mining, LLC
Project ID:
Sample ID: CM 3

ACZ Sample ID: ***L60143-09***
Date Sampled: *07/07/20 11:30*
Date Received: *07/09/20*
Sample Matrix: *Surface Water*

Inorganic Prep

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Cyanide, total	M335.4 - Manual Distillation		-						07/15/20 12:24	wtc
Lab Filtration (0.45um) & Acidification	M200.7/200.8/3005A								07/13/20 16:02	ral

Metals Analysis

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Aluminum, dissolved	M200.7 ICP	1		U		mg/L	0.05	0.3	07/15/20 13:08	kja
Antimony, dissolved	M200.8 ICP-MS	1		U		mg/L	0.0004	0.002	07/16/20 19:28	bsu
Arsenic, dissolved	M200.8 ICP-MS	1	0.0009	B		mg/L	0.0002	0.001	07/16/20 19:28	bsu
Barium, dissolved	M200.7 ICP	1	0.013	B		mg/L	0.007	0.04	07/15/20 13:08	kja
Beryllium, dissolved	M200.8 ICP-MS	1		U		mg/L	0.00008	0.0003	07/16/20 19:28	bsu
Cadmium, dissolved	M200.8 ICP-MS	1	0.00012	B		mg/L	0.00005	0.0003	07/16/20 19:28	bsu
Calcium, dissolved	M200.7 ICP	1	15.6			mg/L	0.1	0.5	07/15/20 13:08	kja
Chromium, dissolved	M200.8 ICP-MS	1		U		mg/L	0.0005	0.002	07/16/20 19:28	bsu
Cobalt, dissolved	M200.7 ICP	1		U		mg/L	0.01	0.05	07/15/20 13:08	kja
Copper, dissolved	M200.7 ICP	1		U		mg/L	0.01	0.05	07/15/20 13:08	kja
Iron, dissolved	M200.7 ICP	1		U		mg/L	0.06	0.2	07/15/20 13:08	kja
Lead, dissolved	M200.8 ICP-MS	1	0.0005			mg/L	0.0001	0.0005	07/16/20 19:28	bsu
Magnesium, dissolved	M200.7 ICP	1	5.1			mg/L	0.2	1	07/15/20 13:08	kja
Manganese, dissolved	M200.7 ICP	1		U		mg/L	0.01	0.05	07/15/20 13:08	kja
Mercury, total	M245.1 CVAA	1		U		mg/L	0.0002	0.001	07/14/20 18:31	slm
Nickel, dissolved	M200.7 ICP	1		U		mg/L	0.008	0.04	07/15/20 13:08	kja
Potassium, dissolved	M200.7 ICP	1	0.5	B		mg/L	0.2	1	07/15/20 13:08	kja
Sodium, dissolved	M200.7 ICP	1	1.6			mg/L	0.2	1	07/15/20 13:08	kja
Vanadium, dissolved	M200.7 ICP	1		U		mg/L	0.01	0.03	07/16/20 13:09	kja
Zinc, dissolved	M200.7 ICP	1		U		mg/L	0.02	0.05	07/15/20 13:08	kja

CRG Mining, LLC
Project ID:
Sample ID: CM 3

ACZ Sample ID: ***L60143-09***
Date Sampled: *07/07/20 11:30*
Date Received: *07/09/20*
Sample Matrix: *Surface Water*

Wet Chemistry

Parameter	EPA Method	Dilution	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Alkalinity as CaCO3	SM2320B - Titration									
Bicarbonate as CaCO3		1	65.1		*	mg/L	2	20	07/15/20 0:00	eep
Carbonate as CaCO3		1		U	*	mg/L	2	20	07/15/20 0:00	eep
Hydroxide as CaCO3		1		U	*	mg/L	2	20	07/15/20 0:00	eep
Total Alkalinity		1	65.1		*	mg/L	2	20	07/15/20 0:00	eep
Cation-Anion Balance	Calculation									
Cation-Anion Balance			-3.7			%			07/22/20 0:00	calc
Sum of Anions			1.4			meq/L			07/22/20 0:00	calc
Sum of Cations			1.3			meq/L			07/22/20 0:00	calc
Chloride	SM4500Cl-E	1		U	*	mg/L	0.5	2	07/16/20 12:45	ttg
Conductivity @25C	SM2510B	1	128		*	umhos/cm	1	10	07/15/20 23:09	eep
Cyanide, total	M335.4 - Colorimetric w/ distillation	0.5		U	*	mg/L	0.003	0.01	07/18/20 22:22	pjb
Hardness as CaCO3 (dissolved)	SM2340B - Calculation		60.0			mg/L	0.2	5	07/22/20 0:00	calc
Lab Filtration (0.45um filter)	SOPWC050	1							07/09/20 15:06	eij
Nitrate as N, dissolved	Calculation: NO3NO2 minus NO2		0.05	BH		mg/L	0.02	0.1	07/22/20 0:00	calc
Nitrate/Nitrite as N, dissolved	M353.2 - Automated Cadmium Reduction	1	0.05	BH	*	mg/L	0.02	0.1	07/10/20 23:11	pjb
Nitrite as N, dissolved	M353.2 - Automated Cadmium Reduction	1		UH	*	mg/L	0.01	0.05	07/10/20 23:11	pjb
pH (lab)	SM4500H+ B									
pH		1	8.2	H	*	units	0.1	0.1	07/15/20 0:00	eep
pH measured at		1	20.9		*	C	0.1	0.1	07/15/20 0:00	eep
Residue, Filterable (TDS) @180C	SM2540C	1	82		*	mg/L	20	40	07/10/20 14:24	jck
Sulfate	D516-02/-07/-11 - Turbidimetric	1	5.2		*	mg/L	1	5	07/15/20 9:09	rbt

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Inorganic Reference

Report Header Explanations

Batch	A distinct set of samples analyzed at a specific time
Found	Value of the QC Type of interest
Limit	Upper limit for RPD, in %.
Lower	Lower Recovery Limit, in % (except for LCSS, mg/Kg)
MDL	Method Detection Limit. Same as Minimum Reporting Limit unless omitted or equal to the PQL (see comment #5). Allows for instrument and annual fluctuations.
PCN/SCN	A number assigned to reagents/standards to trace to the manufacturer's certificate of analysis
PQL	Practical Quantitation Limit. Synonymous with the EPA term "minimum level".
QC	True Value of the Control Sample or the amount added to the Spike
Rec	Recovered amount of the true value or spike added, in % (except for LCSS, mg/Kg)
RPD	Relative Percent Difference, calculation used for Duplicate QC Types
Upper	Upper Recovery Limit, in % (except for LCSS, mg/Kg)
Sample	Value of the Sample of interest

QC Sample Types

AS	Analytical Spike (Post Digestion)	*LCSWD*	Laboratory Control Sample - Water Duplicate
ASD	Analytical Spike (Post Digestion) Duplicate	*LFB*	Laboratory Fortified Blank
CCB	Continuing Calibration Blank	*LFM*	Laboratory Fortified Matrix
CCV	Continuing Calibration Verification standard	*LFMD*	Laboratory Fortified Matrix Duplicate
DUP	Sample Duplicate	*LRB*	Laboratory Reagent Blank
ICB	Initial Calibration Blank	*MS*	Matrix Spike
ICV	Initial Calibration Verification standard	*MSD*	Matrix Spike Duplicate
ICSAB	Inter-element Correction Standard - A plus B solutions	*PBS*	Prep Blank - Soil
LCSS	Laboratory Control Sample - Soil	*PBW*	Prep Blank - Water
LCSSD	Laboratory Control Sample - Soil Duplicate	*PQV*	Practical Quantitation Verification standard
LCSW	Laboratory Control Sample - Water	*SDL*	Serial Dilution

QC Sample Type Explanations

Blanks	Verifies that there is no or minimal contamination in the prep method or calibration procedure.
Control Samples	Verifies the accuracy of the method, including the prep procedure.
Duplicates	Verifies the precision of the instrument and/or method.
Spikes/Fortified Matrix	Determines sample matrix interferences, if any.
Standard	Verifies the validity of the calibration.

ACZ Qualifiers (Qual)

B	Analyte concentration detected at a value between MDL and PQL. The associated value is an estimated quantity.
H	Analysis exceeded method hold time. pH is a field test with an immediate hold time.
L	Target analyte response was below the laboratory defined negative threshold.
U	The material was analyzed for, but was not detected above the level of the associated value. The associated value is either the sample quantitation limit or the sample detection limit.

Method References

(1) EPA 600/4-83-020. Methods for Chemical Analysis of Water and Wastes, March 1983.
(2) EPA 600/R-93-100. Methods for the Determination of Inorganic Substances in Environmental Samples, August 1993.
(3) EPA 600/R-94-111. Methods for the Determination of Metals in Environmental Samples - Supplement I, May 1994.
(4) EPA SW-846. Test Methods for Evaluating Solid Waste.
(5) Standard Methods for the Examination of Water and Wastewater.

Comments

(1) QC results calculated from raw data. Results may vary slightly if the rounded values are used in the calculations.
(2) Soil, Sludge, and Plant matrices for Inorganic analyses are reported on a dry weight basis.
(3) Animal matrices for Inorganic analyses are reported on an "as received" basis.
(4) An asterisk in the "XQ" column indicates there is an extended qualifier and/or certification qualifier associated with the result.
(5) If the MDL equals the PQL or the MDL column is omitted, the PQL is the reporting limit.

For a complete list of ACZ's Extended Qualifiers, please click:
https://acz.com/wp-content/uploads/2019/04/Ext-Qual-List.pdf

CRG Mining, LLC

ACZ Project ID: ***L60143***

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

Alkalinity as CaCO3 SM2320B - Titration

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG501535													
WG501535PBW1	PBW	07/15/20 19:13				U	mg/L		-20	20			
WG501535LCSW3	LCSW	07/15/20 19:31	WC200707-4	820.0001		836	mg/L	102	90	110			
L60146-01DUP	DUP	07/15/20 23:33			478	492	mg/L				3	20	
WG501535LCSW6	LCSW	07/15/20 23:52	WC200707-4	820.0001		840	mg/L	102	90	110			
WG501535PBW2	PBW	07/16/20 0:01				U	mg/L		-20	20			
WG501535LCSW9	LCSW	07/16/20 3:12	WC200707-4	820.0001		840	mg/L	102	90	110			
WG501535PBW3	PBW	07/16/20 3:21				U	mg/L		-20	20			
WG501535LCSW12	LCSW	07/16/20 6:54	WC200707-4	820.0001		854	mg/L	104	90	110			
WG501535PBW4	PBW	07/16/20 7:03				U	mg/L		-20	20			
WG501535LCSW15	LCSW	07/16/20 11:16	WC200707-4	820.0001		866	mg/L	106	90	110			

Aluminum, dissolved M200.7 ICP

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG501477													
WG501477ICV	ICV	07/15/20 11:33	II200701-1	2		1.945	mg/L	97	95	105			
WG501477ICB	ICB	07/15/20 11:39				U	mg/L		-0.15	0.15			
WG501477LFB	LFB	07/15/20 11:51	II200715-2	1.0012		.972	mg/L	97	85	115			
L49994-75AS	AS	07/15/20 12:13	II200715-2	1.0012	U	1	mg/L	100	85	115			
L49994-75ASD	ASD	07/15/20 12:16	II200715-2	1.0012	U	.992	mg/L	99	85	115	1	20	
L60143-08AS	AS	07/15/20 12:56	II200715-2	1.0012	U	.989	mg/L	99	85	115			
L60143-08ASD	ASD	07/15/20 13:05	II200715-2	1.0012	U	.986	mg/L	98	85	115	0	20	

Antimony, dissolved M200.8 ICP-MS

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG501575													
WG501575ICV	ICV	07/16/20 12:22	MS200701-2	.02004		.02075	mg/L	104	90	110			
WG501575ICB	ICB	07/16/20 12:25				U	mg/L		-0.00088	0.00088			
WG501575LFB	LFB	07/16/20 12:47	MS200707-3	.01		.01018	mg/L	102	85	115			
L60140-04AS	AS	07/16/20 13:03	MS200707-3	.01	U	.00898	mg/L	90	70	130			
L60140-04ASD	ASD	07/16/20 13:06	MS200707-3	.01	U	.0103	mg/L	103	70	130	14	20	
L60143-08AS	AS	07/16/20 13:48	MS200707-3	.01	U	.00971	mg/L	97	70	130			
L60143-08ASD	ASD	07/16/20 13:51	MS200707-3	.01	U	.00988	mg/L	99	70	130	2	20	
WG501630													
WG501630ICV	ICV	07/16/20 18:58	MS200701-2	.02004		.0205	mg/L	102	90	110			
WG501630ICB	ICB	07/16/20 19:00				U	mg/L		-0.00088	0.00088			
WG501630LFB	LFB	07/16/20 19:02	MS200707-3	.01		.00985	mg/L	99	85	115			
L60143-04AS	AS	07/16/20 19:13	MS200707-3	.01	U	.0086	mg/L	86	70	130			
L60143-04ASD	ASD	07/16/20 19:15	MS200707-3	.01	U	.00958	mg/L	96	70	130	11	20	

CRG Mining, LLC

ACZ Project ID: ***L60143***

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

Arsenic, dissolved M200.8 ICP-MS

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG501575													
WG501575ICV	ICV	07/16/20 12:22	MS200701-2	.05		.04954	mg/L	99	90	110			
WG501575ICB	ICB	07/16/20 12:25				U	mg/L		-0.00044	0.00044			
WG501575LFB	LFB	07/16/20 12:47	MS200707-3	.05005		.04898	mg/L	98	85	115			
L60140-04AS	AS	07/16/20 13:03	MS200707-3	.05005	U	.05267	mg/L	105	70	130			
L60140-04ASD	ASD	07/16/20 13:06	MS200707-3	.05005	U	.05441	mg/L	109	70	130	3	20	
L60143-08AS	AS	07/16/20 13:48	MS200707-3	.05005	.0021	.04844	mg/L	93	70	130			
L60143-08ASD	ASD	07/16/20 13:51	MS200707-3	.05005	.0021	.05486	mg/L	105	70	130	12	20	
WG501630													
WG501630ICV	ICV	07/16/20 18:58	MS200701-2	.05		.05137	mg/L	103	90	110			
WG501630ICB	ICB	07/16/20 19:00				U	mg/L		-0.00044	0.00044			
WG501630LFB	LFB	07/16/20 19:02	MS200707-3	.05005		.0485	mg/L	97	85	115			
L60143-04AS	AS	07/16/20 19:13	MS200707-3	.05005	U	.04975	mg/L	99	70	130			
L60143-04ASD	ASD	07/16/20 19:15	MS200707-3	.05005	U	.05226	mg/L	104	70	130	5	20	

Barium, dissolved M200.7 ICP

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG501477													
WG501477ICV	ICV	07/15/20 11:33	II200701-1	2		1.9422	mg/L	97	95	105			
WG501477ICB	ICB	07/15/20 11:39				U	mg/L		-0.021	0.021			
WG501477LFB	LFB	07/15/20 11:51	II200715-2	.5005		.4775	mg/L	95	85	115			
L49994-75AS	AS	07/15/20 12:13	II200715-2	.5005	.027	.5038	mg/L	95	85	115			
L49994-75ASD	ASD	07/15/20 12:16	II200715-2	.5005	.027	.4936	mg/L	93	85	115	2	20	
L60143-08AS	AS	07/15/20 12:56	II200715-2	.5005	.013	.4781	mg/L	93	85	115			
L60143-08ASD	ASD	07/15/20 13:05	II200715-2	.5005	.013	.487	mg/L	95	85	115	2	20	

Beryllium, dissolved M200.8 ICP-MS

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG501575													
WG501575ICV	ICV	07/16/20 12:22	MS200701-2	.05		.04759	mg/L	95	90	110			
WG501575ICB	ICB	07/16/20 12:25				U	mg/L		-0.000176	0.000176			
WG501575LFB	LFB	07/16/20 12:47	MS200707-3	.05005		.04948	mg/L	99	85	115			
L60140-04AS	AS	07/16/20 13:03	MS200707-3	.05005	U	.04764	mg/L	95	70	130			
L60140-04ASD	ASD	07/16/20 13:06	MS200707-3	.05005	U	.05252	mg/L	105	70	130	10	20	
L60143-08AS	AS	07/16/20 13:48	MS200707-3	.05005	U	.05094	mg/L	102	70	130			
L60143-08ASD	ASD	07/16/20 13:51	MS200707-3	.05005	U	.05024	mg/L	100	70	130	1	20	
WG501630													
WG501630ICV	ICV	07/16/20 18:58	MS200701-2	.05		.049483	mg/L	99	90	110			
WG501630ICB	ICB	07/16/20 19:00				.000081	mg/L		-0.000176	0.000176			
WG501630LFB	LFB	07/16/20 19:02	MS200707-3	.05005		.046505	mg/L	93	85	115			
L60143-04AS	AS	07/16/20 19:13	MS200707-3	.05005	U	.047894	mg/L	96	70	130			
L60143-04ASD	ASD	07/16/20 19:15	MS200707-3	.05005	U	.051076	mg/L	102	70	130	6	20	

CRG Mining, LLC

ACZ Project ID: ***L60143***

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

Cadmium, dissolved M200.8 ICP-MS

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG501575													
WG501575ICV	ICV	07/16/20 12:22	MS200701-2	.05		.04875	mg/L	98	90	110			
WG501575ICB	ICB	07/16/20 12:25				U	mg/L		-0.00011	0.00011			
WG501575LFB	LFB	07/16/20 12:47	MS200707-3	.05005		.05046	mg/L	101	85	115			
L60140-04AS	AS	07/16/20 13:03	MS200707-3	.05005	.0001	.04777	mg/L	95	70	130			
L60140-04ASD	ASD	07/16/20 13:06	MS200707-3	.05005	.0001	.05314	mg/L	106	70	130	11	20	
L60143-08AS	AS	07/16/20 13:48	MS200707-3	.05005	.00009	.05034	mg/L	100	70	130			
L60143-08ASD	ASD	07/16/20 13:51	MS200707-3	.05005	.00009	.05	mg/L	100	70	130	1	20	
WG501630													
WG501630ICV	ICV	07/16/20 18:58	MS200701-2	.05		.049491	mg/L	99	90	110			
WG501630ICB	ICB	07/16/20 19:00				U	mg/L		-0.00011	0.00011			
WG501630LFB	LFB	07/16/20 19:02	MS200707-3	.05005		.047499	mg/L	95	85	115			
L60143-04AS	AS	07/16/20 19:13	MS200707-3	.05005	.00011	.046233	mg/L	92	70	130			
L60143-04ASD	ASD	07/16/20 19:15	MS200707-3	.05005	.00011	.049174	mg/L	98	70	130	6	20	

Calcium, dissolved M200.7 ICP

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG501477													
WG501477ICV	ICV	07/15/20 11:33	II200701-1	100		97.7	mg/L	98	95	105			
WG501477ICB	ICB	07/15/20 11:39				U	mg/L		-0.3	0.3			
WG501477LFB	LFB	07/15/20 11:51	II200715-2	67.9908		66.82	mg/L	98	85	115			
L49994-75AS	AS	07/15/20 12:13	II200715-2	67.9908	110	169.9	mg/L	88	85	115			
L49994-75ASD	ASD	07/15/20 12:16	II200715-2	67.9908	110	168.3	mg/L	86	85	115	1	20	
L60143-08AS	AS	07/15/20 12:56	II200715-2	67.9908	17.3	83.61	mg/L	98	85	115			
L60143-08ASD	ASD	07/15/20 13:05	II200715-2	67.9908	17.3	83.14	mg/L	97	85	115	1	20	

Chloride SM4500Cl-E

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG501602													
WG501602ICB	ICB	07/16/20 9:10				U	mg/L		-1.5	1.5			
WG501602ICV	ICV	07/16/20 9:10	WI200506-2	55.055		56.53	mg/L	103	90	110			
WG501602LFB1	LFB	07/16/20 12:43	WI200327-3	30.03		30.67	mg/L	102	90	110			
L60128-01AS	AS	07/16/20 12:43	WI200327-3	30.03	14.1	44.91	mg/L	103	90	110			
L60128-02DUP	DUP	07/16/20 12:43			9.4	9.38	mg/L				0	20	
L60143-06AS	AS	07/16/20 12:45	WI200327-3	30.03	U	32.55	mg/L	108	90	110			
L60143-07DUP	DUP	07/16/20 12:45			.5	U	mg/L				200	20	RA
WG501602LFB2	LFB	07/16/20 12:47	WI200327-3	30.03		31.09	mg/L	104	90	110			

CRG Mining, LLC

ACZ Project ID: ***L60143***

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

Chromium, dissolved M200.8 ICP-MS

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG501575													
WG501575ICV	ICV	07/16/20 12:22	MS200701-2	.05		.04849	mg/L	97	90	110			
WG501575ICB	ICB	07/16/20 12:25				U	mg/L		-0.0011	0.0011			
WG501575LFB	LFB	07/16/20 12:47	MS200707-3	.05		.04653	mg/L	93	85	115			
L60140-04AS	AS	07/16/20 13:03	MS200707-3	.05	U	.04789	mg/L	96	70	130			
L60140-04ASD	ASD	07/16/20 13:06	MS200707-3	.05	U	.04913	mg/L	98	70	130	3	20	
L60143-08AS	AS	07/16/20 13:48	MS200707-3	.05	U	.04269	mg/L	85	70	130			
L60143-08ASD	ASD	07/16/20 13:51	MS200707-3	.05	U	.04783	mg/L	96	70	130	11	20	
WG501630													
WG501630ICV	ICV	07/16/20 18:58	MS200701-2	.05		.05112	mg/L	102	90	110			
WG501630ICB	ICB	07/16/20 19:00				U	mg/L		-0.0011	0.0011			
WG501630LFB	LFB	07/16/20 19:02	MS200707-3	.05		.04723	mg/L	94	85	115			
L60143-04AS	AS	07/16/20 19:13	MS200707-3	.05	U	.04715	mg/L	94	70	130			
L60143-04ASD	ASD	07/16/20 19:15	MS200707-3	.05	U	.04919	mg/L	98	70	130	4	20	

Cobalt, dissolved M200.7 ICP

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG501477													
WG501477ICV	ICV	07/15/20 11:33	II200701-1	2.002		1.903	mg/L	95	95	105			
WG501477ICB	ICB	07/15/20 11:39				U	mg/L		-0.03	0.03			
WG501477LFB	LFB	07/15/20 11:51	II200715-2	.5		.475	mg/L	95	85	115			
L49994-75AS	AS	07/15/20 12:13	II200715-2	.5	U	.458	mg/L	92	85	115			
L49994-75ASD	ASD	07/15/20 12:16	II200715-2	.5	U	.453	mg/L	91	85	115	1	20	
L60143-08AS	AS	07/15/20 12:56	II200715-2	.5	U	.462	mg/L	92	85	115			
L60143-08ASD	ASD	07/15/20 13:05	II200715-2	.5	U	.465	mg/L	93	85	115	1	20	

Conductivity @25C SM2510B

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG501535													
WG501535LCSW2	LCSW	07/15/20 19:19	PCN61372	1410		1410	umhos/cm	100	90	110			
L60146-01DUP	DUP	07/15/20 23:33			2860	2880	umhos/cm				1	20	
WG501535LCSW5	LCSW	07/15/20 23:40	PCN61372	1410		1410	umhos/cm	100	90	110			
WG501535LCSW8	LCSW	07/16/20 3:00	PCN61372	1410		1400	umhos/cm	99	90	110			
WG501535LCSW11	LCSW	07/16/20 6:41	PCN61372	1410		1390	umhos/cm	99	90	110			
WG501535LCSW14	LCSW	07/16/20 11:02	PCN61372	1410		1380	umhos/cm	98	90	110			

Copper, dissolved M200.7 ICP

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG501477													
WG501477ICV	ICV	07/15/20 11:33	II200701-1	2		1.909	mg/L	95	95	105			
WG501477ICB	ICB	07/15/20 11:39				U	mg/L		-0.03	0.03			
WG501477LFB	LFB	07/15/20 11:51	II200715-2	.501		.483	mg/L	96	85	115			
L49994-75AS	AS	07/15/20 12:13	II200715-2	.501	U	.486	mg/L	97	85	115			
L49994-75ASD	ASD	07/15/20 12:16	II200715-2	.501	U	.477	mg/L	95	85	115	2	20	
L60143-08AS	AS	07/15/20 12:56	II200715-2	.501	U	.474	mg/L	95	85	115			
L60143-08ASD	ASD	07/15/20 13:05	II200715-2	.501	U	.484	mg/L	97	85	115	2	20	

CRG Mining, LLC

ACZ Project ID: ***L60143***

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

Cyanide, total M335.4 - Colorimetric w/ distillation

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG501743													
WG501743ICV	ICV	07/18/20 22:07	WI200707-13	.3003		.2804	mg/L	93	90	110			
WG501743ICB	ICB	07/18/20 22:08				U	mg/L		-0.003	0.003			
WG501485LRB	LRB	07/18/20 22:09				U	mg/L		-0.003	0.003			
WG501485LFB	LFB	07/18/20 22:10	WI200707-14	.2		.1962	mg/L	98	90	110			
L60128-05DUP	DUP	07/18/20 22:12			U	U	mg/L				0	20	RA
L60128-06LFM	LFM	07/18/20 22:13	WI200707-14	.2	U	.2024	mg/L	101	90	110			
L60176-05LFM	LFM	07/18/20 22:32	WI200707-14	.2	U	.1987	mg/L	99	90	110			
L60176-06DUP	DUP	07/18/20 22:33			.019	.0197	mg/L				4	20	RA

Iron, dissolved M200.7 ICP

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG501477													
WG501477ICV	ICV	07/15/20 11:33	II200701-1	2		1.897	mg/L	95	95	105			
WG501477ICB	ICB	07/15/20 11:39				U	mg/L		-0.18	0.18			
WG501477LFB	LFB	07/15/20 11:51	II200715-2	1.0018		.983	mg/L	98	85	115			
L49994-75AS	AS	07/15/20 12:13	II200715-2	1.0018	U	.994	mg/L	99	85	115			
L49994-75ASD	ASD	07/15/20 12:16	II200715-2	1.0018	U	.969	mg/L	97	85	115	3	20	
L60143-08AS	AS	07/15/20 12:56	II200715-2	1.0018	U	.954	mg/L	95	85	115			
L60143-08ASD	ASD	07/15/20 13:05	II200715-2	1.0018	U	.968	mg/L	97	85	115	1	20	

Lead, dissolved M200.8 ICP-MS

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG501575													
WG501575ICV	ICV	07/16/20 12:22	MS200701-2	.05		.05035	mg/L	101	90	110			
WG501575ICB	ICB	07/16/20 12:25				U	mg/L		-0.00022	0.00022			
WG501575LFB	LFB	07/16/20 12:47	MS200707-3	.05005		.05044	mg/L	101	85	115			
L60140-04AS	AS	07/16/20 13:03	MS200707-3	.05005	.0004	.0471	mg/L	93	70	130			
L60140-04ASD	ASD	07/16/20 13:06	MS200707-3	.05005	.0004	.05342	mg/L	106	70	130	13	20	
L60143-08AS	AS	07/16/20 13:48	MS200707-3	.05005	U	.04858	mg/L	97	70	130			
L60143-08ASD	ASD	07/16/20 13:51	MS200707-3	.05005	U	.04815	mg/L	96	70	130	1	20	
WG501630													
WG501630ICV	ICV	07/16/20 18:58	MS200701-2	.05		.05038	mg/L	101	90	110			
WG501630ICB	ICB	07/16/20 19:00				U	mg/L		-0.00022	0.00022			
WG501630LFB	LFB	07/16/20 19:02	MS200707-3	.05005		.04712	mg/L	94	85	115			
L60143-04AS	AS	07/16/20 19:13	MS200707-3	.05005	U	.04641	mg/L	93	70	130			
L60143-04ASD	ASD	07/16/20 19:15	MS200707-3	.05005	U	.04923	mg/L	98	70	130	6	20	

Magnesium, dissolved M200.7 ICP

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG501477													
WG501477ICV	ICV	07/15/20 11:33	II200701-1	100		95.44	mg/L	95	95	105			
WG501477ICB	ICB	07/15/20 11:39				U	mg/L		-0.6	0.6			
WG501477LFB	LFB	07/15/20 11:51	II200715-2	49.9996		47.11	mg/L	94	85	115			
L49994-75AS	AS	07/15/20 12:13	II200715-2	49.9996	5.5	51.41	mg/L	92	85	115			
L49994-75ASD	ASD	07/15/20 12:16	II200715-2	49.9996	5.5	50.8	mg/L	91	85	115	1	20	
L60143-08AS	AS	07/15/20 12:56	II200715-2	49.9996	3.2	50.55	mg/L	95	85	115			
L60143-08ASD	ASD	07/15/20 13:05	II200715-2	49.9996	3.2	50.11	mg/L	94	85	115	1	20	

CRG Mining, LLC

ACZ Project ID: ***L60143***

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

Manganese, dissolved M200.7 ICP

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG501477													
WG501477ICV	ICV	07/15/20 11:33	II200701-1	2		1.903	mg/L	95	95	105			
WG501477ICB	ICB	07/15/20 11:39				U	mg/L		-0.03	0.03			
WG501477LFB	LFB	07/15/20 11:51	II200715-2	.5015		.49	mg/L	98	85	115			
L49994-75AS	AS	07/15/20 12:13	II200715-2	.5015	.02	.506	mg/L	97	85	115			
L49994-75ASD	ASD	07/15/20 12:16	II200715-2	.5015	.02	.496	mg/L	95	85	115	2	20	
L60143-08AS	AS	07/15/20 12:56	II200715-2	.5015	U	.479	mg/L	96	85	115			
L60143-08ASD	ASD	07/15/20 13:05	II200715-2	.5015	U	.487	mg/L	97	85	115	2	20	

Mercury, total M245.1 CVAA

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG501307													
WG501307ICV	ICV	07/14/20 18:10	HG200526-2	.004995		.00494	mg/L	99	95	105			
WG501307ICB	ICB	07/14/20 18:11				U	mg/L		-0.0002	0.0002			
WG501307LRB	LRB	07/14/20 18:12				U	mg/L		-0.00044	0.00044			
WG501307LFB	LFB	07/14/20 18:13	HG200708-3	.002002		.00183	mg/L	91	85	115			
L60106-01LFM	LFM	07/14/20 18:15	HG200708-3	.002002	U	.00162	mg/L	81	85	115			M2
L60106-01LFMD	LFMD	07/14/20 18:16	HG200708-3	.002002	U	.00156	mg/L	78	85	115	4	20	M2
L60143-07LFM	LFM	07/14/20 18:28	HG200708-3	.002002	U	.00189	mg/L	94	85	115			
L60143-07LFMD	LFMD	07/14/20 18:29	HG200708-3	.002002	U	.00184	mg/L	92	85	115	3	20	

Nickel, dissolved M200.7 ICP

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG501477													
WG501477ICV	ICV	07/15/20 11:33	II200701-1	2		1.9358	mg/L	97	95	105			
WG501477ICB	ICB	07/15/20 11:39				U	mg/L		-0.024	0.024			
WG501477LFB	LFB	07/15/20 11:51	II200715-2	.501		.4965	mg/L	99	85	115			
L49994-75AS	AS	07/15/20 12:13	II200715-2	.501	U	.4839	mg/L	97	85	115			
L49994-75ASD	ASD	07/15/20 12:16	II200715-2	.501	U	.4699	mg/L	94	85	115	3	20	
L60143-08AS	AS	07/15/20 12:56	II200715-2	.501	U	.4777	mg/L	95	85	115			
L60143-08ASD	ASD	07/15/20 13:05	II200715-2	.501	U	.4824	mg/L	96	85	115	1	20	

Nitrate/Nitrite as N, dissolved M353.2 - Automated Cadmium Reduction

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG501251													
WG501251ICV	ICV	07/10/20 22:47	WI200514-1	2.416		2.422	mg/L	100	90	110			
WG501251ICB	ICB	07/10/20 22:48				U	mg/L		-0.02	0.02			
WG501251LFB	LFB	07/10/20 22:53	WI200331-15	2		1.991	mg/L	100	90	110			
L60143-01AS	AS	07/10/20 22:56	WI200331-15	2	.03	1.901	mg/L	94	90	110			
L60143-02DUP	DUP	07/10/20 22:58			.18	.182	mg/L				1	20	RA

Nitrite as N, dissolved M353.2 - Automated Cadmium Reduction

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG501251													
WG501251ICV	ICV	07/10/20 22:47	WI200514-1	.609		.62	mg/L	102	90	110			
WG501251ICB	ICB	07/10/20 22:48				U	mg/L		-0.01	0.01			
WG501251LFB	LFB	07/10/20 22:53	WI200331-15	1		1.059	mg/L	106	90	110			
L60143-01AS	AS	07/10/20 22:56	WI200331-15	1	U	.982	mg/L	98	90	110			
L60143-02DUP	DUP	07/10/20 22:58			U	U	mg/L				0	20	RA

CRG Mining, LLC

ACZ Project ID: ***L60143***

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

pH (lab) SM4500H+ B

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG501535													
WG501535LCSW1	LCSW	07/15/20 19:17	PCN60577	6		6	units	100	5.9	6.1			
L60146-01DUP	DUP	07/15/20 23:33			8.1	8.2	units				1	20	
WG501535LCSW4	LCSW	07/15/20 23:38	PCN60577	6		6	units	100	5.9	6.1			
WG501535LCSW7	LCSW	07/16/20 2:57	PCN60577	6		6	units	100	5.9	6.1			
WG501535LCSW10	LCSW	07/16/20 6:39	PCN60577	6		6.1	units	102	5.9	6.1			
WG501535LCSW13	LCSW	07/16/20 11:00	PCN60577	6		6.1	units	102	5.9	6.1			

Potassium, dissolved M200.7 ICP

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG501477													
WG501477ICV	ICV	07/15/20 11:33	II200701-1	20		19.54	mg/L	98	95	105			
WG501477ICB	ICB	07/15/20 11:39				U	mg/L		-0.6	0.6			
WG501477LFB	LFB	07/15/20 11:51	II200715-2	99.96847		97.92	mg/L	98	85	115			
L49994-75AS	AS	07/15/20 12:13	II200715-2	99.96847	2.4	99.9	mg/L	98	85	115			
L49994-75ASD	ASD	07/15/20 12:16	II200715-2	99.96847	2.4	98.98	mg/L	97	85	115	1	20	
L60143-08AS	AS	07/15/20 12:56	II200715-2	99.96847	.5	99.48	mg/L	99	85	115			
L60143-08ASD	ASD	07/15/20 13:05	II200715-2	99.96847	.5	98.79	mg/L	98	85	115	1	20	

Residue, Filterable (TDS) @180C SM2540C

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG501236													
WG501236PBW	PBW	07/10/20 13:50				U	mg/L		-20	20			
WG501236LCSW	LCSW	07/10/20 13:52	PCN61099	1000		1010	mg/L	101	80	120			
L60143-08DUP	DUP	07/10/20 14:21			98	100	mg/L				2	10	RA
L60176-01DUP	DUP	07/10/20 14:50			1490	1490	mg/L				0	10	

Sodium, dissolved M200.7 ICP

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG501477													
WG501477ICV	ICV	07/15/20 11:33	II200701-1	100		98.29	mg/L	98	95	105			
WG501477ICB	ICB	07/15/20 11:39				U	mg/L		-0.6	0.6			
WG501477LFB	LFB	07/15/20 11:51	II200715-2	100.0157		97.69	mg/L	98	85	115			
L49994-75AS	AS	07/15/20 12:13	II200715-2	100.0157	U	97.28	mg/L	97	85	115			
L49994-75ASD	ASD	07/15/20 12:16	II200715-2	100.0157	U	96.34	mg/L	96	85	115	1	20	
L60143-08AS	AS	07/15/20 12:56	II200715-2	100.0157	5.7	103.8	mg/L	98	85	115			
L60143-08ASD	ASD	07/15/20 13:05	II200715-2	100.0157	5.7	103.4	mg/L	98	85	115	0	20	

Sulfate D516-02/-07/-11 - Turbidimetric

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG501466													
WG501466ICB	ICB	07/15/20 8:12				U	mg/L		-3	3			
WG501466ICV	ICV	07/15/20 8:12	WI200710-1	20		20	mg/L	100	90	110			
L60143-01AS	AS	07/15/20 9:08	WI190801-3	10.01	2.8	13	mg/L	102	90	110			
L60143-02DUP	DUP	07/15/20 9:08			31.6	31.7	mg/L				0	20	

CRG Mining, LLC

ACZ Project ID: ***L60143***

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

Vanadium, dissolved M200.7 ICP

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG501508													
WG501508ICV	ICV	07/16/20 12:07	II200701-1	2		1.903	mg/L	95	95	105			
WG501508ICB	ICB	07/16/20 12:14				.0079	mg/L		-0.015	0.015			
WG501508LFB	LFB	07/16/20 12:27	II200715-2	.4995		.4898	mg/L	98	85	115			
L60143-08AS	AS	07/16/20 12:56	II200715-2	.4995	U	.4952	mg/L	99	85	115			
L60143-08ASD	ASD	07/16/20 13:05	II200715-2	.4995	U	.503	mg/L	101	85	115	2	20	

Zinc, dissolved M200.7 ICP

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec%	Lower	Upper	RPD	Limit	Qual
WG501477													
WG501477ICV	ICV	07/15/20 11:33	II200701-1	2		1.913	mg/L	96	95	105			
WG501477ICB	ICB	07/15/20 11:39				U	mg/L		-0.06	0.06			
WG501477LFB	LFB	07/15/20 11:51	II200715-2	.50075		.506	mg/L	101	85	115			
L49994-75AS	AS	07/15/20 12:13	II200715-2	.50075	U	.482	mg/L	96	85	115			
L49994-75ASD	ASD	07/15/20 12:16	II200715-2	.50075	U	.5	mg/L	100	85	115	4	20	
L60143-08AS	AS	07/15/20 12:56	II200715-2	.50075	U	.511	mg/L	102	85	115			
L60143-08ASD	ASD	07/15/20 13:05	II200715-2	.50075	U	.508	mg/L	101	85	115	1	20	

CRG Mining, LLC ACZ Project ID: ***L60143***

ACZ ID	WORKNUM	PARAMETER	METHOD	QUAL	DESCRIPTION
L60143-01	WG501535	Bicarbonate as CaCO3	SM2320B - Titration	Q6	Sample was received above recommended temperature.
		Carbonate as CaCO3	SM2320B - Titration	Q6	Sample was received above recommended temperature.
	WG501602	Chloride	SM4500Cl-E	Q6	Sample was received above recommended temperature.
	WG501535	Conductivity @25C	SM2510B	Q6	Sample was received above recommended temperature.
	WG501743	Cyanide, total	M335.4 - Colorimetric w/ distillation	Q6	Sample was received above recommended temperature.
			M335.4 - Colorimetric w/ distillation	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
	WG501535	Hydroxide as CaCO3	SM2320B - Titration	Q6	Sample was received above recommended temperature.
	WG501307	Mercury, total	M245.1 CVAA	M2	Matrix spike recovery was low, the recovery of the associated control sample (LCS or LFB) was acceptable.
	WG501251	Nitrate/Nitrite as N, dissolved	M353.2 - Automated Cadmium Reduction	H3	Sample was received and analyzed past holding time.
			M353.2 - Automated Cadmium Reduction	Q6	Sample was received above recommended temperature.
			M353.2 - Automated Cadmium Reduction	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M353.2 - Automated Cadmium Reduction	ZU	Analysis date/time preceeds filter date/time. A portion of sample was filtered and analyzed prior to the creation of a Filter workgroup.
		Nitrite as N, dissolved	M353.2 - Automated Cadmium Reduction	H3	Sample was received and analyzed past holding time.
			M353.2 - Automated Cadmium Reduction	Q6	Sample was received above recommended temperature.
			M353.2 - Automated Cadmium Reduction	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M353.2 - Automated Cadmium Reduction	ZU	Analysis date/time preceeds filter date/time. A portion of sample was filtered and analyzed prior to the creation of a Filter workgroup.
	WG501535	pH	SM4500H+ B	Q6	Sample was received above recommended temperature.
		pH measured at	SM4500H+ B	Q6	Sample was received above recommended temperature.
	WG501236	Residue, Filterable (TDS) @180C	SM2540C	Q6	Sample was received above recommended temperature.
			SM2540C	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
	WG501466	Sulfate	D516-02/-07/-11 - Turbidimetric	Q6	Sample was received above recommended temperature.
	WG501535	Total Alkalinity	SM2320B - Titration	Q6	Sample was received above recommended temperature.

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ACZ ID	WORKNUM	PARAMETER	METHOD	QUAL	DESCRIPTION
L60143-02	WG501535	Bicarbonate as CaCO3	SM2320B - Titration	Q6	Sample was received above recommended temperature.
		Carbonate as CaCO3	SM2320B - Titration	Q6	Sample was received above recommended temperature.
	WG501602	Chloride	SM4500Cl-E	Q6	Sample was received above recommended temperature.
	WG501535	Conductivity @25C	SM2510B	Q6	Sample was received above recommended temperature.
	WG501743	Cyanide, total	M335.4 - Colorimetric w/ distillation	Q6	Sample was received above recommended temperature.
			M335.4 - Colorimetric w/ distillation	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
	WG501535	Hydroxide as CaCO3	SM2320B - Titration	Q6	Sample was received above recommended temperature.
	WG501307	Mercury, total	M245.1 CVAA	M2	Matrix spike recovery was low, the recovery of the associated control sample (LCS or LFB) was acceptable.
	WG501251	Nitrate/Nitrite as N, dissolved	M353.2 - Automated Cadmium Reduction	H3	Sample was received and analyzed past holding time.
			M353.2 - Automated Cadmium Reduction	Q6	Sample was received above recommended temperature.
			M353.2 - Automated Cadmium Reduction	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M353.2 - Automated Cadmium Reduction	ZU	Analysis date/time preceeds filter date/time. A portion of sample was filtered and analyzed prior to the creation of a Filter workgroup.
		Nitrite as N, dissolved	M353.2 - Automated Cadmium Reduction	H3	Sample was received and analyzed past holding time.
			M353.2 - Automated Cadmium Reduction	Q6	Sample was received above recommended temperature.
			M353.2 - Automated Cadmium Reduction	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M353.2 - Automated Cadmium Reduction	ZU	Analysis date/time preceeds filter date/time. A portion of sample was filtered and analyzed prior to the creation of a Filter workgroup.
	WG501535	pH	SM4500H+ B	Q6	Sample was received above recommended temperature.
		pH measured at	SM4500H+ B	Q6	Sample was received above recommended temperature.
	WG501236	Residue, Filterable (TDS) @180C	SM2540C	Q6	Sample was received above recommended temperature.
			SM2540C	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
	WG501466	Sulfate	D516-02/-07/-11 - Turbidimetric	Q6	Sample was received above recommended temperature.
	WG501535	Total Alkalinity	SM2320B - Titration	Q6	Sample was received above recommended temperature.

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ACZ ID	WORKNUM	PARAMETER	METHOD	QUAL	DESCRIPTION
L60143-03	WG501535	Bicarbonate as CaCO3	SM2320B - Titration	Q6	Sample was received above recommended temperature.
		Carbonate as CaCO3	SM2320B - Titration	Q6	Sample was received above recommended temperature.
	WG501602	Chloride	SM4500Cl-E	Q6	Sample was received above recommended temperature.
	WG501535	Conductivity @25C	SM2510B	Q6	Sample was received above recommended temperature.
	WG501743	Cyanide, total	M335.4 - Colorimetric w/ distillation	Q6	Sample was received above recommended temperature.
			M335.4 - Colorimetric w/ distillation	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
	WG501535	Hydroxide as CaCO3	SM2320B - Titration	Q6	Sample was received above recommended temperature.
	WG501307	Mercury, total	M245.1 CVAA	M2	Matrix spike recovery was low, the recovery of the associated control sample (LCS or LFB) was acceptable.
	WG501251	Nitrate/Nitrite as N, dissolved	M353.2 - Automated Cadmium Reduction	H3	Sample was received and analyzed past holding time.
			M353.2 - Automated Cadmium Reduction	Q6	Sample was received above recommended temperature.
			M353.2 - Automated Cadmium Reduction	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M353.2 - Automated Cadmium Reduction	ZU	Analysis date/time preceeds filter date/time. A portion of sample was filtered and analyzed prior to the creation of a Filter workgroup.
		Nitrite as N, dissolved	M353.2 - Automated Cadmium Reduction	H3	Sample was received and analyzed past holding time.
			M353.2 - Automated Cadmium Reduction	Q6	Sample was received above recommended temperature.
			M353.2 - Automated Cadmium Reduction	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M353.2 - Automated Cadmium Reduction	ZU	Analysis date/time preceeds filter date/time. A portion of sample was filtered and analyzed prior to the creation of a Filter workgroup.
	WG501535	pH	SM4500H+ B	Q6	Sample was received above recommended temperature.
		pH measured at	SM4500H+ B	Q6	Sample was received above recommended temperature.
	WG501236	Residue, Filterable (TDS) @180C	SM2540C	Q6	Sample was received above recommended temperature.
			SM2540C	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
	WG501466	Sulfate	D516-02/-07/-11 - Turbidimetric	Q6	Sample was received above recommended temperature.
	WG501535	Total Alkalinity	SM2320B - Titration	Q6	Sample was received above recommended temperature.

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ACZ ID	WORKNUM	PARAMETER	METHOD	QUAL	DESCRIPTION
L60143-04	WG501535	Bicarbonate as CaCO3	SM2320B - Titration	Q6	Sample was received above recommended temperature.
		Carbonate as CaCO3	SM2320B - Titration	Q6	Sample was received above recommended temperature.
	WG501602	Chloride	SM4500Cl-E	Q6	Sample was received above recommended temperature.
	WG501535	Conductivity @25C	SM2510B	Q6	Sample was received above recommended temperature.
	WG501743	Cyanide, total	M335.4 - Colorimetric w/ distillation	Q6	Sample was received above recommended temperature.
			M335.4 - Colorimetric w/ distillation	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
	WG501535	Hydroxide as CaCO3	SM2320B - Titration	Q6	Sample was received above recommended temperature.
	WG501307	Mercury, total	M245.1 CVAA	M2	Matrix spike recovery was low, the recovery of the associated control sample (LCS or LFB) was acceptable.
	WG501251	Nitrate/Nitrite as N, dissolved	M353.2 - Automated Cadmium Reduction	H3	Sample was received and analyzed past holding time.
			M353.2 - Automated Cadmium Reduction	Q6	Sample was received above recommended temperature.
			M353.2 - Automated Cadmium Reduction	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M353.2 - Automated Cadmium Reduction	ZU	Analysis date/time preceeds filter date/time. A portion of sample was filtered and analyzed prior to the creation of a Filter workgroup.
		Nitrite as N, dissolved	M353.2 - Automated Cadmium Reduction	H3	Sample was received and analyzed past holding time.
			M353.2 - Automated Cadmium Reduction	Q6	Sample was received above recommended temperature.
			M353.2 - Automated Cadmium Reduction	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M353.2 - Automated Cadmium Reduction	ZU	Analysis date/time preceeds filter date/time. A portion of sample was filtered and analyzed prior to the creation of a Filter workgroup.
	WG501535	pH	SM4500H+ B	Q6	Sample was received above recommended temperature.
		pH measured at	SM4500H+ B	Q6	Sample was received above recommended temperature.
	WG501236	Residue, Filterable (TDS) @180C	SM2540C	Q6	Sample was received above recommended temperature.
			SM2540C	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
	WG501466	Sulfate	D516-02/-07/-11 - Turbidimetric	Q6	Sample was received above recommended temperature.
	WG501535	Total Alkalinity	SM2320B - Titration	Q6	Sample was received above recommended temperature.

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ACZ ID	WORKNUM	PARAMETER	METHOD	QUAL	DESCRIPTION
L60143-05	WG501535	Bicarbonate as CaCO3	SM2320B - Titration	Q6	Sample was received above recommended temperature.
		Carbonate as CaCO3	SM2320B - Titration	Q6	Sample was received above recommended temperature.
	WG501602	Chloride	SM4500Cl-E	Q6	Sample was received above recommended temperature.
			SM4500Cl-E	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
	WG501535	Conductivity @25C	SM2510B	Q6	Sample was received above recommended temperature.
	WG501743	Cyanide, total	M335.4 - Colorimetric w/ distillation	Q6	Sample was received above recommended temperature.
			M335.4 - Colorimetric w/ distillation	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
	WG501535	Hydroxide as CaCO3	SM2320B - Titration	Q6	Sample was received above recommended temperature.
	WG501307	Mercury, total	M245.1 CVAA	M2	Matrix spike recovery was low, the recovery of the associated control sample (LCS or LFB) was acceptable.
	WG501251	Nitrate/Nitrite as N, dissolved	M353.2 - Automated Cadmium Reduction	H3	Sample was received and analyzed past holding time.
			M353.2 - Automated Cadmium Reduction	Q6	Sample was received above recommended temperature.
			M353.2 - Automated Cadmium Reduction	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M353.2 - Automated Cadmium Reduction	ZU	Analysis date/time preceeds filter date/time. A portion of sample was filtered and analyzed prior to the creation of a Filter workgroup.
		Nitrite as N, dissolved	M353.2 - Automated Cadmium Reduction	H3	Sample was received and analyzed past holding time.
			M353.2 - Automated Cadmium Reduction	Q6	Sample was received above recommended temperature.
			M353.2 - Automated Cadmium Reduction	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M353.2 - Automated Cadmium Reduction	ZU	Analysis date/time preceeds filter date/time. A portion of sample was filtered and analyzed prior to the creation of a Filter workgroup.
	WG501535	pH	SM4500H+ B	Q6	Sample was received above recommended temperature.
		pH measured at	SM4500H+ B	Q6	Sample was received above recommended temperature.
	WG501236	Residue, Filterable (TDS) @180C	SM2540C	Q6	Sample was received above recommended temperature.
			SM2540C	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
	WG501466	Sulfate	D516-02/-07/-11 - Turbidimetric	Q6	Sample was received above recommended temperature.
	WG501535	Total Alkalinity	SM2320B - Titration	Q6	Sample was received above recommended temperature.

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ACZ ID	WORKNUM	PARAMETER	METHOD	QUAL	DESCRIPTION
L60143-06	WG501535	Bicarbonate as CaCO3	SM2320B - Titration	Q6	Sample was received above recommended temperature.
		Carbonate as CaCO3	SM2320B - Titration	Q6	Sample was received above recommended temperature.
	WG501602	Chloride	SM4500Cl-E	Q6	Sample was received above recommended temperature.
			SM4500Cl-E	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
	WG501535	Conductivity @25C	SM2510B	Q6	Sample was received above recommended temperature.
	WG501743	Cyanide, total	M335.4 - Colorimetric w/ distillation	Q6	Sample was received above recommended temperature.
			M335.4 - Colorimetric w/ distillation	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
	WG501535	Hydroxide as CaCO3	SM2320B - Titration	Q6	Sample was received above recommended temperature.
	WG501307	Mercury, total	M245.1 CVAA	M2	Matrix spike recovery was low, the recovery of the associated control sample (LCS or LFB) was acceptable.
	WG501251	Nitrate/Nitrite as N, dissolved	M353.2 - Automated Cadmium Reduction	H3	Sample was received and analyzed past holding time.
			M353.2 - Automated Cadmium Reduction	Q6	Sample was received above recommended temperature.
			M353.2 - Automated Cadmium Reduction	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M353.2 - Automated Cadmium Reduction	ZU	Analysis date/time preceeds filter date/time. A portion of sample was filtered and analyzed prior to the creation of a Filter workgroup.
		Nitrite as N, dissolved	M353.2 - Automated Cadmium Reduction	H3	Sample was received and analyzed past holding time.
			M353.2 - Automated Cadmium Reduction	Q6	Sample was received above recommended temperature.
			M353.2 - Automated Cadmium Reduction	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M353.2 - Automated Cadmium Reduction	ZU	Analysis date/time preceeds filter date/time. A portion of sample was filtered and analyzed prior to the creation of a Filter workgroup.
	WG501535	pH	SM4500H+ B	Q6	Sample was received above recommended temperature.
		pH measured at	SM4500H+ B	Q6	Sample was received above recommended temperature.
	WG501236	Residue, Filterable (TDS) @180C	SM2540C	Q6	Sample was received above recommended temperature.
			SM2540C	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
	WG501466	Sulfate	D516-02/-07/-11 - Turbidimetric	Q6	Sample was received above recommended temperature.
	WG501535	Total Alkalinity	SM2320B - Titration	Q6	Sample was received above recommended temperature.

CRG Mining, LLC ACZ Project ID: ***L60143***

ACZ ID	WORKNUM	PARAMETER	METHOD	QUAL	DESCRIPTION
L60143-07	WG501535	Bicarbonate as CaCO3	SM2320B - Titration	Q6	Sample was received above recommended temperature.
		Carbonate as CaCO3	SM2320B - Titration	Q6	Sample was received above recommended temperature.
	WG501602	Chloride	SM4500Cl-E	Q6	Sample was received above recommended temperature.
			SM4500Cl-E	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
	WG501535	Conductivity @25C	SM2510B	Q6	Sample was received above recommended temperature.
	WG501743	Cyanide, total	M335.4 - Colorimetric w/ distillation	Q6	Sample was received above recommended temperature.
			M335.4 - Colorimetric w/ distillation	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
	WG501535	Hydroxide as CaCO3	SM2320B - Titration	Q6	Sample was received above recommended temperature.
	WG501251	Nitrate/Nitrite as N, dissolved	M353.2 - Automated Cadmium Reduction	HE	Analysis performed past holding time. Method holding time is less than or equal to 7 days and sample was received with less than half of the holding time remaining (refer to item C5 of ACZ's Terms & Conditions).
			M353.2 - Automated Cadmium Reduction	Q6	Sample was received above recommended temperature.
			M353.2 - Automated Cadmium Reduction	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M353.2 - Automated Cadmium Reduction	ZU	Analysis date/time preceeds filter date/time. A portion of sample was filtered and analyzed prior to the creation of a Filter workgroup.
		Nitrite as N, dissolved	M353.2 - Automated Cadmium Reduction	HE	Analysis performed past holding time. Method holding time is less than or equal to 7 days and sample was received with less than half of the holding time remaining (refer to item C5 of ACZ's Terms & Conditions).
			M353.2 - Automated Cadmium Reduction	Q6	Sample was received above recommended temperature.
			M353.2 - Automated Cadmium Reduction	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M353.2 - Automated Cadmium Reduction	ZU	Analysis date/time preceeds filter date/time. A portion of sample was filtered and analyzed prior to the creation of a Filter workgroup.
	WG501535	pH	SM4500H+ B	Q6	Sample was received above recommended temperature.
		pH measured at	SM4500H+ B	Q6	Sample was received above recommended temperature.
	WG501236	Residue, Filterable (TDS) @180C	SM2540C	Q6	Sample was received above recommended temperature.
			SM2540C	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
	WG501466	Sulfate	D516-02/-07/-11 - Turbidimetric	Q6	Sample was received above recommended temperature.
	WG501535	Total Alkalinity	SM2320B - Titration	Q6	Sample was received above recommended temperature.

CRG Mining, LLC ACZ Project ID: ***L60143***

ACZ ID	WORKNUM	PARAMETER	METHOD	QUAL	DESCRIPTION
L60143-08	WG501535	Bicarbonate as CaCO3	SM2320B - Titration	Q6	Sample was received above recommended temperature.
		Carbonate as CaCO3	SM2320B - Titration	Q6	Sample was received above recommended temperature.
	WG501602	Chloride	SM4500Cl-E	Q6	Sample was received above recommended temperature.
			SM4500Cl-E	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
	WG501535	Conductivity @25C	SM2510B	Q6	Sample was received above recommended temperature.
	WG501743	Cyanide, total	M335.4 - Colorimetric w/ distillation	Q6	Sample was received above recommended temperature.
			M335.4 - Colorimetric w/ distillation	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
	WG501535	Hydroxide as CaCO3	SM2320B - Titration	Q6	Sample was received above recommended temperature.
	WG501251	Nitrate/Nitrite as N, dissolved	M353.2 - Automated Cadmium Reduction	HE	Analysis performed past holding time. Method holding time is less than or equal to 7 days and sample was received with less than half of the holding time remaining (refer to item C5 of ACZ's Terms & Conditions).
			M353.2 - Automated Cadmium Reduction	Q6	Sample was received above recommended temperature.
			M353.2 - Automated Cadmium Reduction	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M353.2 - Automated Cadmium Reduction	ZU	Analysis date/time preceeds filter date/time. A portion of sample was filtered and analyzed prior to the creation of a Filter workgroup.
		Nitrite as N, dissolved	M353.2 - Automated Cadmium Reduction	HE	Analysis performed past holding time. Method holding time is less than or equal to 7 days and sample was received with less than half of the holding time remaining (refer to item C5 of ACZ's Terms & Conditions).
			M353.2 - Automated Cadmium Reduction	Q6	Sample was received above recommended temperature.
			M353.2 - Automated Cadmium Reduction	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M353.2 - Automated Cadmium Reduction	ZU	Analysis date/time preceeds filter date/time. A portion of sample was filtered and analyzed prior to the creation of a Filter workgroup.
	WG501535	pH	SM4500H+ B	Q6	Sample was received above recommended temperature.
		pH measured at	SM4500H+ B	Q6	Sample was received above recommended temperature.
	WG501236	Residue, Filterable (TDS) @180C	SM2540C	Q6	Sample was received above recommended temperature.
			SM2540C	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
	WG501466	Sulfate	D516-02/-07/-11 - Turbidimetric	Q6	Sample was received above recommended temperature.
	WG501535	Total Alkalinity	SM2320B - Titration	Q6	Sample was received above recommended temperature.

CRG Mining, LLC ACZ Project ID: ***L60143***

ACZ ID	WORKNUM	PARAMETER	METHOD	QUAL	DESCRIPTION
L60143-09	WG501535	Bicarbonate as CaCO3	SM2320B - Titration	Q6	Sample was received above recommended temperature.
		Carbonate as CaCO3	SM2320B - Titration	Q6	Sample was received above recommended temperature.
	WG501602	Chloride	SM4500Cl-E	Q6	Sample was received above recommended temperature.
			SM4500Cl-E	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
	WG501535	Conductivity @25C	SM2510B	Q6	Sample was received above recommended temperature.
	WG501743	Cyanide, total	M335.4 - Colorimetric w/ distillation	Q6	Sample was received above recommended temperature.
			M335.4 - Colorimetric w/ distillation	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
	WG501535	Hydroxide as CaCO3	SM2320B - Titration	Q6	Sample was received above recommended temperature.
	WG501251	Nitrate/Nitrite as N, dissolved	M353.2 - Automated Cadmium Reduction	HE	Analysis performed past holding time. Method holding time is less than or equal to 7 days and sample was received with less than half of the holding time remaining (refer to item C5 of ACZ's Terms & Conditions).
			M353.2 - Automated Cadmium Reduction	Q6	Sample was received above recommended temperature.
			M353.2 - Automated Cadmium Reduction	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M353.2 - Automated Cadmium Reduction	ZU	Analysis date/time preceeds filter date/time. A portion of sample was filtered and analyzed prior to the creation of a Filter workgroup.
		Nitrite as N, dissolved	M353.2 - Automated Cadmium Reduction	HE	Analysis performed past holding time. Method holding time is less than or equal to 7 days and sample was received with less than half of the holding time remaining (refer to item C5 of ACZ's Terms & Conditions).
			M353.2 - Automated Cadmium Reduction	Q6	Sample was received above recommended temperature.
			M353.2 - Automated Cadmium Reduction	RA	Relative Percent Difference (RPD) was not used for data validation because the concentration of the duplicated sample is too low for accurate evaluation (< 10x MDL).
			M353.2 - Automated Cadmium Reduction	ZU	Analysis date/time preceeds filter date/time. A portion of sample was filtered and analyzed prior to the creation of a Filter workgroup.
	WG501535	pH	SM4500H+ B	Q6	Sample was received above recommended temperature.
		pH measured at	SM4500H+ B	Q6	Sample was received above recommended temperature.
	WG501236	Residue, Filterable (TDS) @180C	SM2540C	Q6	Sample was received above recommended temperature.
	WG501466	Sulfate	D516-02/-07/-11 - Turbidimetric	Q6	Sample was received above recommended temperature.
	WG501535	Total Alkalinity	SM2320B - Titration	Q6	Sample was received above recommended temperature.

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Sample Receipt

CRG Mining, LLC

ACZ Project ID: L60143
Date Received: 07/09/2020 11:06
Received By:
Date Printed: 7/10/2020

Receipt Verification

	YES	NO	NA
1) Is a foreign soil permit included for applicable samples?			X
2) Is the Chain of Custody form or other directive shipping papers present?	X		
3) Does this project require special handling procedures such as CLP protocol?		X	
4) Are any samples NRC licensable material?			X
5) If samples are received past hold time, proceed with requested short hold time analyses?	X		
6) Is the Chain of Custody form complete and accurate?	X		
7) Were any changes made to the Chain of Custody form prior to ACZ receiving the samples?		X	

Samples/Containers

	YES	NO	NA
8) Are all containers intact and with no leaks?	X		
9) Are all labels on containers and are they intact and legible?	X		
10) Do the sample labels and Chain of Custody form match for Sample ID, Date, and Time?	X		
11) For preserved bottle types, was the pH checked and within limits? [1]	X		
12) Is there sufficient sample volume to perform all requested work?	X		
13) Is the custody seal intact on all containers?			X
14) Are samples that require zero headspace acceptable?			X
15) Are all sample containers appropriate for analytical requirements?	X		
16) Is there an Hg-1631 trip blank present?			X
17) Is there a VOA trip blank present?			X
18) Were all samples received within hold time?		X	

Some parameters were received past hold time.

NA indicates Not Applicable

Chain of Custody Related Remarks

Client Contact Remarks

Shipping Containers

Cooler Id	Temp(°C)	Temp Criteria(°C)	Rad(µR/Hr)	Custody Seal Intact?
6538	12.8	<=6.0	15	Yes

Was ice present in the shipment container(s)?

Yes - Gel ice was present in the shipment container(s) but was thawed by receipt at ACZ.

Client must contact an ACZ Project Manager if analysis should not proceed for samples received outside of their thermal preservation acceptance criteria.

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Sample Receipt

CRG Mining, LLC

ACZ Project ID:	L60143
Date Received:	07/09/2020 11:06
Received By:	
Date Printed:	7/10/2020

[1] The preservation of the following bottle types is not checked at sample receipt: Orange (oil and grease), Purple (total cyanide), Pink (dissolved cyanide), Brown (arsenic speciation), Sterile (fecal coliform), EDTA (sulfite), HCl preserved vial (organics), Na2S2O3 preserved vial (organics), and HG-1631 (total/dissolved mercury by method 1631).

ACZ Laboratories, Inc. L60143

2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

CHAIN of CUSTODY

Report to:

Name: Jake Wilkinson	Address: 510 South Wisconsin St
Company: CRG Mining LLC	Gunnison, CO 81230
E-mail: jwilkinson@crgmining.com	Telephone: 970-417-3311

Copy of Report to:

Name: Same	E-mail: Same
Company:	Telephone:

Invoice to:

Name: Same	Address: Same
Company:	
E-mail:	Telephone:

If sample(s) received past holding time (HT), or if insufficient HT remains to complete analysis before expiration, shall ACZ proceed with requested short HT analyses? YES [X] NO [ ]

If "NO" then ACZ will contact client for further instruction. If neither "YES" nor "NO" is indicated, ACZ will proceed with the requested analyses, even if HT is expired, and data will be qualified

Are samples for SDWA Compliance Monitoring? Yes [ ] No [X]

If yes, please include state forms. Results will be reported to PQL for Colorado.

Sampler's Name: Paul Wolfe **Sampler's Site Information** State CO Zip code 81401 Time Zone MS

***Sampler's Signature:** [signature]

*I attest to the authenticity and validity of this sample. I understand that intentionally mislabeling the time/date/location or tampering with the sample in anyway, is considered fraud and punishable by State Law.

PROJECT INFORMATION — ANALYSES REQUESTED *(attach list or use quote number)*

Quote #:

PO#:

Reporting state for compliance testing:

Check box if samples include NRC licensed material? [ ]

SAMPLE IDENTIFICATION	DATE:TIME		Matrix	# of Containers								
GL1	7-7-20	10:13	SW									
GL2	7-7-20	10:00	↓									
GL3	7-7-20	10:25	↓									
RM1	7-7-20	10:38	↓									
RM2	7-7-20	11:00	↓									
RM3	7-7-20	10:47	↓									
CM1	7-7-20	11:22	↓									
CM2	7-7-20	11:15	↓									
CM3	7-7-20	11:30	↓									
	~~7-7-20~~		↓									

Matrix: SW (Surface Water) · GW (Ground Water) · WW (Waste Water) · DW (Drinking Water) · SL (Sludge) · SO (Soil) · OL (Oil) · Other (Specify)

REMARKS

Please refer to ACZ's terms & conditions located on the reverse side of this COC.

RELINQUISHED BY:	DATE:TIME	RECEIVED BY:	DATE:TIME
[signature]	7-7-20 11:38AM	[signature] 7/9/20	11:06

L60143 Chain of Custod