		cc: Scott Gerwe, BLM Frank Filas Kathy Weinel Race Fisher Andrea Reither	Yours very truly,	If you have any questions or comments, please do not hesitate to contact me at 303-389-4167.	Dear Mr. Marshall: Attached is the Fourth Quarter 2013 Hydrological Report for Energy Fuels Resources Corporation's ("Energy Fuels") Whirlwind Mine (the "Mine"). This report was prepared to comply with the Environmental Protection Plan approved by the Division of Reclamation, Mining, and Safety and the conditions set forth in Attachment B of the Bureau of Land Management's <i>Decision Record, Finding of No Significant Impact, and Final</i> <i>Environmental Assessment for the Whirlwind Mine Uranium Mining Project</i> , September 2008.	Transmittal: Fourth Quarter 2013 Hydrological Report, File No. M-2007-044, Whirlwind Mine, Mesa County, Colorado	Travis Marshall Colorado Division of Reclamation, Mining and Safety 101 South 3 rd , Suite 301 Grand Junction, CO 81501	January 10, 2014	ENERGYFUELS
				contact me at 303-389-4167.	port for Energy Fuels Resources Corporation's ("Energy as prepared to comply with the Environmental Protection 1g, and Safety and the conditions set forth in Attachment <i>Record, Finding of No Significant Impact, and Final</i> <i>ranium Mining Project</i> , September 2008.	No. M-2007-044, Whirlwind Mine, Mesa	JAN 1 0 2014 GRAND JUNCTION FIELD OFFICE DIVISION OF RECLAMATION MINING & SAFETY	RECEIVED	Energy Fuels Resources 225 Union Blvd. Suite 600 Lakewood, CO, US, 80228 303-974-2140 www.energyfuels.com

Whirlwind Mine



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Fourth Quarter 2013 Hydrological Monitoring Report

January 2014

 The Lumsden Canyon Seep (also referred to in earlier reports as Lumsden Canyon Spring) was monitored for field parameters and sampled in June and December of 2008. This location was stipulations to the Plan of Operations. No further sampling or field parameter measurement events are scheduled at this time. Historical field parameters are summarized in Appendix 1, Attachment 7 and the historical analytical data from the Lumsden Canyon Seep samples are summarized in Appendix 2, Table 4. 	 Water levels and field parameters are summarized in Appendix 1, Attachment 6. Results from the 2013 annual sampling event, along with the historical analytical data from Monitoring Well MW-1 are summarized in Appendix 2, Table 3. Lumsden Canyon Seep 	Monitoring Well MW-1 was installed on October 12, 2008 for the purpose of characterizing and monitoring groundwater quality downgradient of the waste rock storage area. Monitoring Well W-1 was measured for the static groundwater level and field parameters on November 8, 2013. The water level at Monitoring Well MW-1 is consistent with previous measurements. A field sampling form is provided in Appendix 3.	Flow rates and field parameters at PR Spring are summarized in Appendix 1, Attachment 5. Results from the 2013 annual sampling event, along with the historical analytical data from PR Spring are summarized in Appendix 2, Table 2. <u>Monitoring Well MW-1</u>	The field parameters were measured at PR Spring on November 12, 2013. The flow is measured by timing the fill rate of a five-gallon bucket. Field parameters from PR Spring are measured in the stock tank located at the spring. A field sampling form is provided in Appendix 3.	Flow rates and field parameters at DP Spring are summarized in Appendix 1, Attachment 4. PR Spring	The field parameters were measured at DP Spring on November 12, 2013. The flow is measured by timing the fill rate of a five-gallon bucket. Field parameters from DP Spring are measured in the stock tank located at the spring. A field sampling form is provided in Appendix 3.	DP Spring
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commence monitoring the Dolores River for discharge from Lumsden Creek and take samples, as necessary, at such time that treatment and discharge of mine water resumes.

Hydrological Monitoring Summary

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Refer to Appendix 2, Table 7 for the hydrological compliance monitoring summary and status for the Mine.

ATTACHMENTS

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Attachment 1. Mine Water Treatment & Discharge

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Month	Volume (gal)	Comments
2007 Total	549,868	
2008 Total	1,240,889	
2009 Total	961,406	Pumping and treatment suspended as of Dec. 2009
2010 Total	0	
2011 Total	0	
2012 Total	0	
Jan-13	0	
Feb-13	0	
Mar-13	0	
Apr-13	0	
May-13	0	
Jun-13	0	
Jul-13	0	
Aug-13	0	
Sep-13	0	
Oct-13	0	
Nov-13	0	
Dec-13	0	
2013 Total	0	
Grand Total	2,752,163	

Attachment 2. Whirlwind Decline

					Dissolved	Specific	Oxygen-	
	0	Inflam Data(1)		Tomporatura		Conductance	Reduction	
Monitoring	Sample	Inflow Rate ⁽¹⁾	Field pH	Temperature	Oxygen			Comments
Date	Location	(gpm)	<u>(s.u.)</u>	(deg. C)	(mg/L)	(uS/cm)		
3/10/2008	WW Sump	2.4	8.30	11.0	NM	NM	NM	See Table 1
6/19/2008	WW Sump	2.8	10.26	11.5	0.78	592	114	See Table 1
9/8/2008	WW Sump	2.2	9.11	11.0	8.48	649	62	See Table 1
12/16/2008	WW Sump	1.7	8.75	10.7	5.22	609	149	See Table 1
3/5/2009	WW Sump	2.1	8.52	11.1	8.24	618	151	No analytical samples collected
4/20/2009	WW Sump	2.2	8.41	11.2	6.68	626	177	No analytical samples collected
8/11/2009	WW Sump	1.6	8.76	11.9	6.44	599	152	No analytical samples collected
12/1/2009	WW Sump	1.4	8.61	11.5	6.54	624	160	No analytical samples collected
2/2/2010	WW Decline	2.0	7.06	11.3	7.02	597	170	No analytical samples collected
4/21/2010	WW Decline	1.9	8.07	12.3	6.76	576	201	See Table 1
9/8/2010	WW Decline	1.7	8.65	11.9	4.53	592	133	No analytical samples collected
11/4/2010	WW Decline	3.4	8.49	11.6	2.22	578	207	No analytical samples collected
2/7/2011	WW Decline	1.7	8.49	11.3	2.26	590	151	See Table 1
6/20/2011	WW Decline	1.2	8.17	11.7	2.42	620	159	No analytical samples collected
8/20/2011	WW Decline	1.3	8.54	11.6	2.54	644	163	No analytical samples collected
10/25/2011	WW Decline	1.0	8.48	11.5	2.63	618	157	No analytical samples collected
11/9/2011	WW Decline	1.0	8.19	11.5	3.09	631	234	See Table 1
3/28/2012	WW Decline	0.7	8.32	11.5	2.41	592	173	See Note (2)

(1) From First Quarter 2008 to Fourth Quarter 2009, the inflow rate was estimated over the quarter by calculating the volume of water pumped out of the mine and treated and estimations of the volume of water evaporated off the untreated water tank and brought out of the mine as moisture in waste rock, ore, and ventilated air. As of the First Quarter 2010, water inflow is estimated based on the approximate water elevation and the void volume of the mine workings.

(2) Access to the mine was temporarily restricted as of the third quarter 2012. Inflow rate measurements will be resumed when the portal is reopened.

Attachment 3. Packrat Mine

Not Accessible

Attachment 4. DP Spring

				-	Dissolved	Specific	Oxygen- Reduction	
Monitoring Date	Sampled (Y/N)	Inflow Rate (gpm)	Field pH (s.u.)	Temperature (deg. C)	Oxygen (mg/L)	Conductance (uS/cm)	Potential (mV)	Comments
3/10/2008	No	6 to 7	NM	NM	NM	NM	NM	Sunny, Ave. of 2 feet snowpack
6/19/2008	No	7.2	7.42	11.0	7.22	524	126	Sunny, Dry
9/8/2008	No	5.2	8.00	11.9	9.49	544	166	Sunny, Dry
12/15/2008	No	8.2	7.96	4.8	9.42	532	97	Snowing, 4" snowpack
2/10/2009	No	8.5	5.22	4.7	9.30	562	126	Sunny, Cold, 3-4" snowpack
4/20/2009	No	8.3	7.64	6.6	9.16	546	190	Sunny, Dry
8/11/2009	No	5.9	7.68	12.0	8.25	532	190	Sunny, Hot, Dry
12/1/2009	No	7.9	8.11	4.8	10.54	548	115	Cold, clear skies
2/2/2010	No	7.9	6.73	4.7	10.71	526	177	Cold, clear skies, 3 ft of snow
6/2/2010	No	8.3	7.53	8.8	11.62	554	200	Sunny, Dry
7/28/2010	No	6.8	7.68	12.6	7.57	535	114	Sunny, Dry
11/4/2010	No	7.0	7.94	7.1	8.66	535	190	Sunny, Dry
4/18/2011	No	8.1	7.59	6.6	9.23	533	NM*	Make-up for missed 1Q11 monitoring, Sunny, warm, clear skies
5/24/2011	No	9.2	7.81	8.0	8.43	551	62	Light showers, warm
8/15/2011	No	7.9	7.59	12.2	7.07	560	203	Partly cloudy, warm
10/25/2011	No	8.1	7.51	11.8	7.64	545	198	Overcast, light rain
3/28/2012	No	7.7	7.62	10.8	7.98	568	186	Dry and calm
8/7/2012	No	7.5	7.66	12.0	8.06	569	249	Clear water In Tank
11/14/2012	No	NM	6.05	7.8	54.8%	769	129.2	
3/18/2013	No	8.0	7.56	5.3	44.9%	577	231.7	
6/4/2013	No	6.7	8.57	9.6	87.1%	533	217.1	water was clear
8/14/2013	N/A	N/A	N/A	N/A	N/A	N/A	N/A	field notes were lost
11/12/2013	No	5.87	6.44	10.58	7.66	501	126.8	in a starting of

* - ORP Probe broke during 4/18/11 Monitoring Event.

Attachment 5. PR Spring

Monitoring	Sampled	Inflow Rate	Field pH	Temperature	Dissolved Oxygen	Specific Conductance	Oxygen- Reduction	
Date	(Y/N)	(gpm)	(s.u.)	(deg. C)	(mg/L)	(uS/cm)	Potential (mV)	Comments
3/10/2008	Yes	4 to 5	8.1	8.6	NM	NM	NM	Sunny, Ave. of 1 foot snowpack, see Table 2
6/19/2008	Yes	4.7	7.90	13.8	9.95	762	140	Sunny, Dry, see Table 2
9/8/2008	Yes	4.1	8.36	13.4	8.39	883	166	Sunny, Dry, see Table 2
12/15/2008	Yes	4.5	8.31	9.1	8.20	790	-35	Overcast, 4" snowpack, see Table 2
2/10/2009	Yes	4.5	6.68	9.2	7.27	923	90	Sunny, Cold, 1-2" snowpack, see Table 2
4/20/2009	Yes	4.5	8.24	12.3	8.45	898	195	Sunny, Dry, see Table 2
8/11/2009	No	4.7	8.48	13.9	8.25	889	133	Sunny, Hot, Dry
12/1/2009	No	1.5	9.15	8.6	11.54	881	116	Flow restricted by vegetation
6/2/2010	Yes	2.3	8.52	13.2	2.27	880	172	Flow restricted by vegetation, see Table 2
7/28/2010	No	5.2	8.44	13.4	8.04	880	99	Sunny, Dry, Vegetation removed
11/4/2010	No	5.1	8.47	10.1	8.51	856	157	Sunny, Dry
4/18/2011	No	4.3	8.46	10.0	9.40	822	NM*	Make-up for missed 1Q11 monitoring, Sunny, warm, clear skies
5/24/2011	Yes	4.8	8.60	10.8	9.09	858	35	Lt showers, warm, see Table 2
8/15/2011	No	4.2	8.43	12.1	6.86	871	225	Partly cloudy, warm
10/25/2011	No	4.2	8.38	11.7	7.14	844	214	Overcast, light rain
3/28/2012	No	4.3	8.42	10.6	6.99	854	199	Dry and calm
5/30/2012	Yes	4.5	8.40	11.5	7.57	901	NM	ORP Probe Broken
8/7/2012	No	4.0	8.32	13.8	6.97	869	223	Clear Water In tank
11/14/2012	No	NM	7.56	11.6	45.7%	1194	96.4	Looks good enough to drink
3/18/2013	No	3.8	8.13	10.5	42.6%	794	219.8	
6/4/2013	Yes	3.9	8.15	11.7	83.5%	844	261.2	water was clear
8/14/2013	N/A	N/A	N/A	N/A	N/A	N/A	N/A	field notes were lost
11/12/2013	No	2.13	7.36	10.93	7.08	767	85.9	

* - ORP Probe broken during 4/18/11 Monitoring Event. Note: PR Spring not accessible in February or March, 2010 due to deep snow

Attachment 6. Monitoring Well W-1

					Dissolved	Specific	Oxygen-	
Monitorina	Sampled	Water Level	Field pH	Temperature	Oxygen (mg/L	Conductance	Reduction	
Date	(Y/N)	(ft BTOC)	(s.u.)	(deg. C)	or %)	(uS/cm)	Potential (mV)	
10/21/2008	Yes	73.22	7.96	10.5	0.95	1543	124	Sunny, Dry, see Table 3
12/16/2008	Yes	74.44	7.73	9.9	1.47	1329	187	Overcast, 4" snow, see Table 3
2/10/2009	Yes	74.73	7.82	10.1	0.93	1251	5	Sunny, Cold, 1-2" snowpack, see Table 3
4/20/2009	Yes	75.00	7.34	10.9	0.13	1209	80	Sunny, Dry, see Table 3
6/24/2009	Yes	74.96	7.63	10.9		1157		Raining, cool, see Table 3
9/11/2009	Yes	74.84	7.91	11.3	0.23	1219	-75	Sunny, dry, see Table 3
12/10/2009	Yes	74.69	7.66	9.8	1.65	1182	80	Cold, overcast, see Table 3
2/4/2010	Yes	74.40	7.01	10.7	0.61	1240	-74	Cold, clear skies, 3 ft of snow, see Table 3
6/7/2010	Yes	73.98	7.73	12.2	0.25	1239	-111	Hot, clear skies, dry, see Table 3
7/28/2010	No	73.48	NM	NM	NM	NM	NM	Water level measurement only
11/4/2010	No	74.00	NM	NM	NM	NM	NM	Water level measurement only
4/18/2011	No	73.94	NM	NM	NM	NM	NM	Make-up for missed 1Q11 monitoring
5/24/2011	Yes	73.77	7.85	11.0	0.11	1210	10	Ptly cloudy, warm, see Table 3
8/16/2011	No	73.72	NM	NM	NM	NM	NM	Water level measurement only
10/25/2011	No	73.94	NM	NM	NM	NM	NM	Water level measurement only, Overcast, light rain
3/28/2012	No	73.98	NM	NM	NM	NM	NM	Water level measurement only, weather dry and calm
5/30/2012	Yes	73.98	7.72	10.9	1.61	1252	NM	ORP Probe Broken
8/7/2012	No	74.00	NM	NM	NM	NM	NM	
11/14/2012	No	74.05	NM	NM	NM	NM	NM	
3/18/2013	No	73.95	NM	NM	NM	NM	NM	
6/17/2013	Yes	74.02	7.31	11.2	37.6%	1216	54.4	first bail the water was clear, but was muddy for the remainder of the purge
8/14/2013	N/A	N/A	N/A	N/A	N/A	N/A	N/A	field notes were lost
11/8/2013	No	73.89	6.38	10.63	20.60%	1186	50.5	

Attachment 7. Lumsden Canyon Seep

					Dissolved	Specific	Oxygen-	
1	Sampled	Inflow Rate	Field pH	Temperature	Oxygen	Conductance	Reduction	
Sample Date	(Y/N)	(gpm)	(s.u.)	(deg. C)	(mg/L)	(uS/cm)	Potential (mV)	Comments
6/19/2008	Yes	NM	7.18	18.4	5.56	825	214	Sunny, Dry, see Table 4
12/4/2008	Yes	NM	7.47	11.6	6.69	985	99.5	Overcast, Cold, Dry, see Table 4

Attachment 8. Rajah 49 Mine Thornton Portal

					Dissolved	Specific	Oxygen-	
	Sampled	Inflow Rate	Field pH	Temperature	Oxygen	Conductance	Reduction	
Sample Date	(Y/N)	(gpm)	(s.u.)	(deg. C)	(mg/L)	(uS/cm)	Potential (mV)	Comments
9/21/2009	Yes	1-2 gpm	8.58	10.6	7.71	938	130	Sunny, dry, see Table 5
6/30/2010	Yes	1-2 gpm	8.9	7.8	10.12	889	153	Hot, clear skies, dry, see Table 5
5/24/2011	Yes	negligible	9.16	11.1	8.03	906	120	Ptly cloudy, warm, see Table 5
5/30/2012	Yes	<1 gpm	9.67	6.4	9.19	939	NM	OPR Probe Broken
6/17/2013	Yes	<1 gpm	8.48	7.95	14.7%	928	-57.2	water was clear

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Attachment 9. Ore Production and Stockpiling

Month	Mined (ton)	Shipped (ton)	Stockpiled (ton)
2008 Total	0	0	0
2009 Total	0	0	0
2010 Total	0	0	0
2011 Total	0	0	0
2012 Total	0	0	0
Jan-13	0	0	0
Feb-13	0	0	0
Mar-13	0	0	0
Apr-13	0	0	0
May-13	0	0	0
Jun-13	0	0	0
Jul-13	0	0	0
Aug-13	0	0	0
Sep-13	0	0	0
Oct-13	- 0	0	0
Nov-13	0	0	0
Dec-13	0	0	0
2013 Total	0	0	0
Grand Total	0	0	0

Attachment 10. Waste Production and On-Site Disposal

	Mined
Month	(ton, dry)
2008 Total	4,259
2009 Total	0
2010 Total	0
2011 Total	0
2012 Total	0
Jan-13	0
Feb-13	
Mar-13	0 0
Apr-13	0
May-13	0
Jun-13	0
Jul-13	0
Aug-13	0 0
Sep-13	0
Oct-13	0
Nov-13	0
Dec-13	0
2013 Total	0
Grand Total	4,259

[DATA TABLES

Dolores River	liver	Sampling discharging	Sediment Pond Sample	quarteri annually	Waste Rock Collect	surveys	Thornton Portal observed		Seep Surveys Annually	Water & Land	be prepa		Lumsden Canyon As need	sample a		Monitoring Well 8 sample	thereafter	and sam	Measure			DP Spring Measure	Water when accessible	Packrat Mine Sample f	 ump)	Whirlwind Sample f			Discharge discharge	Treatment Plant Sample v	Sampling Point
Dolores River	Sample during treatment	ging	Sample quarterly if	quarterly and composite annually for analysis	Collect grab sample		observed in annual seep	se discharge is	V	z Land	be prepared by Western	Hydrogeological Report to	As needed in support of	sample annually thereafter	Measure quarterly and	8 samples over 15 months	br	and sample annually	Measure flow quarterly	quarterly for 5 quarters	Sample and measure flow	Measure flow quarterly	cessible	Sample for 2 quarters		Sample for 2 quarters and				Sample weekly during	Schedule
samples collected to date.	Suspended; not required until water	collected to date.	Ongoing Monitoring; no samples	sample collected to date. Sampling suspended until mining resumes.	Suspended; 1 annual composite		011201112	Onacina	Ongoing	scheduled at this time.	No further sampling events are	from 3 points in Lumsden Canyon.	Completed; Two samples collected		Ongoing	Completed			Ongoing		Completed	Ongoing	yet accessible.	Not Started; the Packrat Mine is not		Completed	until further notice.	Treatment and discharge has been	required during discharge events.	Ongoing; sampling conducted as	Status

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Table 7 Hydrological Monitoring Summary

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BLM = U.S. Bureau of Land Management s.u. = standard units Peel = Peel Environmental Services mg/L = milligrams per liter LBB = Lower Brushy Basin gpm = gallons per minute EPA = U.S. Environmental Protection Agency Cond = Specific Conductance pCi/L = picoCuries per liter WWE = Wright Water Engineers, Inc. tot = total Hard = Hardness EFRC = Energy Fuels Resources Corporation dis = dissolved Alk = Alkalinity, total as CaCO₃ µS/cm = microSiemen per centimeter WWL = Western Water & Land, Inc. Umetco = Umetco Minerals Corporation TSS = total suspended solids TDS = total dissolved solids

Notes:

(a) The gross alpha activity standard excludes alpha activity due to radon and uranium. The majority of the gross alpha count in these samples is attributable to uranium.(b) The gross beta standard is 4 millirems per year and is based on the sum of beta emitters present and

a risk-based analysis with 2-liters per day drinking water intake.

(c) The standard of 5 pCi/L is for combined Radium-226 and Radium-228.

(d) Uranium levels in the Lower Dolores River Basin cannot be increased above 30 ug/L or background, whichever is greater.

(e) Numeric table values for Segment 3a of the Lower Dolores River water quality standards.

(f) Stream standards are in total concentrations unless indicated otherwise.

(g) The Colorado Water Quality Control Commission has calculated a health-based standard of 0.02 ug/L for arsenic.

(h) The EPA Standards are from Subpart C - uranium, radium, and vanadium ores subcategory of Title 40, Part 440 of the Code of Federal Regulations.

(i) The analytical data includes results for both total and dissolved concentrations. The data has not been differentiated because the water contains very low levels of suspended solids and the dissolved and total concentrations are typically within 10% of each other.

Shading of a constituent concentration or activity level indicates that the value exceeds one or more water quality standards. These standards may not be applicable to the water source and use; however, they do provide a means for assessing whether a value is higher than the norm.

"<" indicates not detected at the analyte reporting limit shown

Uranium values are presented in both mg/L and pCi/L. The units mg/L are converted to pCi/L by multiplying by 677 pCi/mg.

FIELD SAMPLING FORMS

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Version 3: gwmff.doc 4/12/2012	Number and type of filters used: GPS Coordinates:	Discharge rlow meter (ft ³ /s, L/s, gpm) 5.87 gpm bucket/estimate	- DO (mg/L, %) 7.66 .67.47.6 (1.32 DO 101 INI Turbidity (NTU) MicroTPI	126.8	11:35	1	11:35	ter Reading Time (In situ/Container) Instrument Thermometer	Measurement	Field Measurements at Time of Sampling				μS/cm) mod/ good)	SpC/Cond DO ORP Turb. Water (mS/cm, (mg/L, %) (rmV) (NTU) (poor/ Purged	: ft/gal Total volume:	$\frac{\text{Well Purging Information}}{\text{ft Static depth to water } (d_{\pi}): ft Static depth Static depth to water (d_{\pi}): ft Static depth to water$	Sampling Instruments: <u>VS</u>	Project: 4th Quester pore meters Date: 11 / 12 /	O Start Time: (1: 24) Sampling End Time: (1: 40) Team:	Station/Well: DP Spring Date: 11-12-15 Observer: Clayfon,
ter & Land, Inc.								Comments		:					Cumul Volume (Gall		ft				. Mirt

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						used:	of filter:	rdinates:	Number and type of filters used: GPS Coordinates:	[
						4				
	nate	Flow meter/ bucket/estimate	<u> </u>			.13 apm	يع	gpm)	Discharge (ft ³ /s, L/s, gpm)	
		MicroTPI	N					(NTU)	Turbidity (NTU)	
		D0310/YSI	a		10:55	% F. PD , 80.7	7	, %)	DO (mg/L,	F
		pH310/YSI	p		55:01	85.9		۷	ORP (rmV)	
	SI	pHCon10/YSI	p		10:55	0.767		luctivity S/cm)	SpC/Conductivity (mS/cm, µS/cm)	1
	SI	pHCon10/YSI	p		10:25	95. ل	 -		pH (s.u.)	
	,YSI	pHCon10, Y	P		10:55	10.95	-	mp °C	Water Temp	
	1	Thermometer	T					°C	Air Temp °C	
Comments	∓	Instrument		Measurement (In situ/Container)	Time (Reading		Parameter	Pare	
:		oling	of Samp	ts at Time	Field Measurements at Time of Sampling	Field M				
									-	
									•	
_										
		good)								
Cumulative Volume Purged (Gallons)	Volume Purged (Gallons)	Clarity (poor/ mod/	Turb. (NTU)	ORP (rmV)	DO (mg/L, %)	SpC/Cond (mS/cm, µS/cm)	рН (s.u.)	Temp (°C)	e Time	Purge #
3: ft ³ /gal	al Total x 3:			Total volume:	t ³ /gal Tota): ft ³ /gal Total	d _w)(7.48	$(\pi r^{3}(d_{r}-d_{w})(7.48):$	Casing volume	asir
	Sample/Set Depth: Casing radius (r _c):		ft ³ /gal):	Well Furging information to water (d_{π}) : $(\pi r^2(d_r d_{\pi}))$:	Static depth Bore volume	ft		Well Depth (d.):_ Bore radius (r_):	/ell ore
						4				l r
						VS /		Instrume	Sampling Instruments:	50
1 13	1 12	Date:				Revanctors	Quarter 1		Project: 4th	
A A	ature:	Lead Signature:							Description:	
		Team:	U		End Time:					
		Sampling				N. S.		en: <u>Vor</u> t	Tocation: (1)h. Churn	
an Voloc	() (س/ أم	Observer:		12+13	Date: 11-	- 0- 100 -	222			7

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Groundwater Monitoring Field Form

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Version 3: gwmff.doc 4/12/2012	Number and type of filters used: GPS Coordinates:	Turbidity (N1 U) Discharge (ft ³ /s, L/s, gpm)	ORP (rmv) DO (mg/L, %)	SpC/Conductivity (mS/cm, μS/cm)	- Water Temp °C - pH (s.u.)	Air Temp °C			-					Purge Time Temp (s.u.)	Well Depth (d _i):ft Bore radius (r _w):in/ft Casing volume (π r ¹ (d _r d _w)(7.48):	Sampling Instruments:	Project:	hilwind	Station/Well: Mon. Yor		ħ
	lters used:		30.6	1.186	6.38	D S	Reading	Field Mea						SpC/Cond (mS/cm, µS/cm)	Static depth Bore volume	101	V(1	- well	Well I . Date:	Groundwater	
			01.01	16.10	10:10		Time (In situ/Container)	Field Measurements at Time of Sampling						DO (mg/L, %) (rmV) (NTU)	formation			Start Time: 10:00 End Time: 10.15	e: 11-5-13	Groundwater Monitoring Field Form	
Weste		Flow meter/ bucket/estimate	DO310/YSI MicroTPI	pHCon10/YSI pH310/YSI	pHCon10/YSI	nHCon10, YSI	t Instrument	Sampling		-				b. (poor/ Purged U) mod/ (Gallons) good)	e/Se gal		Date:/	Sampling Team: Lead Signature:	Observer: Clyton	Form	
Western Water & Land, Inc.							Comments							Volume Purged (Gallons)				1=15	Much		Page 1 of 3
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ANNUAL SEEPS AND SPRINGS FIELD SURVEY

The Annual Seeps and Springs Survey is conducted during the second quarter. This appendix has been deliberately left blank.

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LABORATORY ANALYSIS

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Annual sampling is conducted during the second quarter. This appendix has been deliberately left blank.

Table 1 Whirlwind Mine Water

			Gen	General Parameters	neters							Major Io	Major lons (mg/L)						Meta	Metals (mg/L) (i)	(1)	
Sample Information	Flow Rate (gpm)	TSS (mg/L)	TDS (mg/L)	pH (s.u.)	Hard (mg/L)	Alk (mg/L)	Cond (µS/cm)	Na	Ca	Mg	*	Ω	т	NO3	σ	НСО3	S0⁴	A	ß	As	Ba	Be
Whirlwind Mine																						
WW-1, EFRC, 9/11/06	NA		390	7.5	57	302	708	144	13	ດ	10.5	29	0.39	0.72	0.01	365	19			0.015	2	
Whirlwind. EFRC, 10/24/06	NA		382	8.3		280		140	12.4	4.8	9.0	20	0.6	1.2			36	-1		0.023	0 0	
WW Pool, EFRC, 1/17/07	NA	21.3	340	8.60	43.8	266	595	123	9.2	5.0	9.3	17	0.3	0.5	<0.1	314	28	0.2	<0.05	0.027	0 1	60 01 1
Whirlwind Pool, EFRC, 4/27/07	NA	<1.0	358	8.72	48.5	268		106	10.2	5.6	9.9	14	0.5	0.5	<0.1	311	27	0.1	<0.0006	0.026	0.1	<0.01
WW Sump, EFRC, 3/10/08	2.4	3,540	661	8.21		296		143	116	22.9	21.9	53	0.4	4.3	2.85	361	38			0.062	-	<0.01
WW Sump, EFRC, 6/19/08	2.8	132	536	10.0		252	592	150	4	-	6	17	0.7	1.9	0.25	90	88			0.046	0.1	<0.01
WW Sump, EFRC, 9/8/08*	2.2	26	460	9.11		260	649	138	10	7	œ	- 16	0.5	1.8	0.08	318	62			0.044	0.1	<0.01
WW Sump, EFRC, 12/16/08	2.2			8.75			609															
WW Decline, EFRC, 4/21/10	1.9			8.07			576															
WW Decline, EFRC, 2/7/11	1.7			8.49			590															
WW Decline, EFRC, 11/9/11	1.0		356	8.33			631							0.3			43					
Whirlwind Decline (Brushy Basin Formation)																				_		
Whirlwind Seep, EFRC, 5/3/07	2 to 4		360	8.64		278		119	10.7	5.8	21.8	ယ္သ	0.5	0.2	<0.3	326	30	0		0.024	00	
"Upper" Whirlwind Sump, EFRC, 5/3/07	NA		574	8.69		362		188	9.8	4.7	12.0	-14	1.6	3.1	<0.3	421	93	1.29		0.032	<0.1	
Colorado Water Standards																						
Ground Water, Domestic				6.5 to 8.5								250	4.0	10.0			250		200.0	0.01	5	
Ground Water, Agriculture				6.5 to 8.5									2	100		-	100	טי	0.000	0.0	<u></u>	0.004
Surface Water, Stream (e,f)				6.5 to 9.0			1	11									250			0.100		0.100
								0				500	£.0	100			702			0.1(9)	c	0.004
EPA Water Standards (h)																			-			9
Maximum	-	30		6.0 to 9.0													ſ					
Average		20		0.000		i L										-						

Notes:
1. Water standards are provided for reference only. These standards do not apply to the mine water unless it is discharged or used for drinking water, irrigation, or other regulated uses.
2. Concentrations or activity levels above a state or federal standard are shaded for reference purposes. Shading indicates that the measured level is elevated compared to certain standards of water use.
3. Metal and radionuclide levels are reported as total recoverable.
* Nitrate sample recollected on 9/18/08 due to hold time exceedance on 9/8/08 sample

 Table 1 Water Quality Data

 Whirlwind Mine Water

 1 of 2

Table 3 Monitoring Well W-1

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			Gen	General Parameters	neters							Major lons (mg/L)	s (mg/L)					Dise	Dissolved Metals (mg/L)	tals (mg/L	
Sample Information	Aquifer	TSS (mg/L)	TDS (mg/L)	pH (s.u.)	Hard (mg/L)	Alk (mg/L)	Cond (µS/cm)	Na	Ca	Mg	×	Ω	П	NO3	σ	HCO3	SO4	A	As	Ba	Be
Whirlwind Monitoring Well, W-1														_	_			-		_	
W-1, EFRC, 10/21/08	LBB	37	901	7.96	165	269	1543	286	43	14	13	173	0.3	<0.1	0.08	328	237	-0.1	0.009	<0.1	<0.01
W-1, EFRC, 12/16/08	LBB	110	824	7.73		287	1329	265	36	12	12	145	0.4	<0.1	0.03	350	174		0.015	<0.1	<0.01
W-1, EFRC, 2/10/09	LBB	2	969	7.82		300	1251	200	24	8	∞	42	े 0.4	<u>6</u> .1	<0.01	366	149		0.018	^0.1	<0.01
W-1, EFRC, 4/20/09	LBB	<4	869	7.82		298	1209	206	25	8	9	113	0.5	0.4	0.02	363	139		0.022	<u>6</u>	<0.01
W-1, EFRC, 6/24/09	LBB	<4	730	7.63		287	1157	222	27	9	=	113	0.4	<0.1	<0.01	350	158		0.023	^ <u>0</u> .1	<0.01
W-1, EFRC, 9/11/09	LBB	<4	733	7.91		294	1219	229	29	9	=	113	0.4	<0.1	<0.005	358	166	0001	0.025	6. <u>-</u>	<0.01
W-1, EFRC, 12/10/09	LBB	<4	713	7.96		296	1182	220	28	9	=	122	0.4	-	<0.005	361	168	000 4	0.026	-0.1	<0.01
W-1, EFRC, 2/4/10	LBB	4	695	7.01		308	1240	216	29	9	10	122	0.4	<0.1	0.008	367	164	7.08	0.025	<0.1	<0.01
MW-1, EFRC, 6/7/10	LBB	<4	751	7.73		301	1239	233	31	10	=	113	0.4	_	<0.005	367	159	1000	0.025	^0.1	<0.01
MW-1, EFRC, 5/24/11	LBB	<4	715	7.85		299	1210	240	29	9	11	119	0.4	<0.1	0.009	365	149		0.028	<0.1	<0.01
W-1, EFRC, 6/4/12	LBB	155	727	7.92		306	1252	208	35	9	11	112	0.4	<0.1	0.076	373	133		0.028	<0.1	<0.01
MW-1, EFRC, 6/17/2013	LBB	235	710	7.31		303	1216	237	30	9	11.00	114	0.4	<0.1	0.178	370	136	1903	0.028	<0.1	<0.01
Colorado Water Standards																					
Ground Water, Domestic				6.5 to 8.5								250	4.0	10.0			250		0.01	20	0.004
Ground Water, Agriculture				6.5 to 8.5									2	100				თ	0.1		0.1
Surface Water, Stream (e,r)				6.5 to 9.0															0.100		0.100
Surface Water, Agriculture				0.0 10 3.0								250	2.0	50			250		0.1(g)	1.0	0.004
EPA Water Standards (h)																			-	-	-
Maximum		30		6.0 to 9.0																	
Average		20		6.0 to 9.0																	

Notes:
1. Water standards are provided for reference only. These standards do not apply to the site groundwater unless it is used for drinking water, irrigation, or other regulated uses.
2. Concentrations or activity levels above a state or federal standards are shaded for reference purposes. Shading indicates that the measured level is elevated compared to certain standards of water use.
3. Metal levels are reported as dissolved and radionuclide levels are reported as total recoverable.

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		Table 3
Page 1	Monitoring Wel	Water Quality
ge 1 of 2	ell W-1	y Data

Table 3 Monitoring Well W-1

					Diss	olved Me	Dissolved Metals (mg/L) (continued)	.) (continu	led)					Dissol	ved Radio	Dissolved Radionuclides (pCi/L	oCi/L
Sample Information	ω	Cd	Çŗ	Cu	РЬ	Mn	Мо	Ni	Se	Ag	C	<	Zn	C	Ra-226	Ra-228	Ra-22
Whirlwind Monitoring Well, W-1																	
W-1, EFRC, 10/21/08	0.6	<0.01	<0.05	<0.01	<0.05	0.01	<0.1	<0.05	<0.001	<0.01	0.397	<0.1	<0.01	269	0.84	< <u>1</u> .3	ŝ
W-1, EFRC, 12/16/08	0.7	<0.01	<0.05	-	<0.05	0.01	<0.1	<0.05	<0.001		0.210	<0.1	<0.01	142	0.46	<1.1	
W-1, EFRC, 2/10/09	0.5	<0.01	<0.05		<0.05	<0.01	<0.1	<0.05	0.002		0.195	<0.1	<0.01	132	0.50	<1.3	<u>^</u>
W-1, EFRC, 4/20/09	0.6	<0.01	<0.05		<0.05	<0.01	<0.1	<0.05	<0.001		0.161	<0.1	<0.01	109	0.38	<1.1	<u>^</u>
W-1, EFRC, 6/24/09	0.7	<0.01	<0.05		<0.05	<0.01	<0.1	<0.05	<0.001		0.148	<0.1	<0.01	100	0.21	< <u>1.2</u>	<u>^</u>
W-1, EFRC, 9/11/09	0.7	<0.01	<0.05		<0.05	<0.01	<0.1	<0.05	<0.001		0.146	<0.1	<0.01	98.8	0.39	<1.0	<u>^</u>
W-1, EFRC, 12/10/09	0.7	<0.01	<0.05		<0.05	0.01	<0.1	<0.05	<0.001		0.122	<0.1	<0.01	82.6	0.36	<u>^1.1</u>	<u>^</u>
W-1, EFRC, 2/4/10	0.7	<0.01	<0.05		<0.05	0.01	<0.1	<0.05	<0.001		0.139	<0.1	<0.01	94.1	0.34	<0.94	<u>^</u>
MW-1, EFRC, 6/7/10	0.5	<0.01	<0.05		<0.05	0.01	<0.1	<0.05	0.002		0.143	<0.1	0.04	96.8	0.42	<1.3	<u>^</u>
MW-1, EFRC, 5/24/11	0.7	<0.01	<0.05		<0.05	0.01	<0.1	<0.05	0.002		0.118	<0.1	0.04	79.9	0.28	<1.4	<u>^</u>
W-1, EFRC, 6/4/12	0.7	<0.01	<0.05		<0.05	0.02	<0.1	<0.05	<0.001		0.115	<0.1	<0.01	77.9	1.30	1.7	ω
MW-1, EFRC, 6/17/2013	0.7	<0.01	<0.05		<0.05	0.02	<0.1	<0.05	0.002		0.126	<0.1	<0.01	85.3	1.60	<1.7	<u>۵</u>
Colorado Water Standards									ł		ľ						
Ground Water, Domestic		0.005	0.1		0.05	0.05	0.035	0.1	0.05	0.05	0.03		თ	20	5(c)	5(c)	თ
Ground Water, Agriculture	0.75	0.01	0.1	0.2	0.1	0.2		0.2	0.02			0.1	2				
Surface Water, Stream (e,I)	0./5 dis	0.010	0.100	0.200	0.100	0.200		0.200			(d)		2	(d)	5(c)	5(c)	თ
Surface Water, Doullesuc		0.000	0.05	1.0	0.05	0.05		0.1	0.05	0.1	0.03		σ	20	5(c)	5(c)	ы
Sufface Water, Ayriculture	0.70	0.01	-	0.2	0.1	0.2		0.2	0.02				N				

EPA Water Standards (h)

Average	Maximum
2	4
0.5	1.0
3 dis, 10 tot	10 dis, 30 tot

Notes:

Water standards are provided for reference only. These standards do not apply to the spring water unless it is used for drinking water, irrigation, or other regulated uses.
 Concentrations or activity levels above a state or federal standard are shaded for reference purposes. Shading indicates that the measured level is elevated compared to certain standards of water use.

3. Metal levels are reported as dissolved and radionuclide levels are reported as total recoverable.

Table 3 Water Quality Data Monitoring Well W-1 Page 2 of 2



						Di	issolved N	Dissolved Metals (mg/L)	/L)						Disso	Dissolved Radionucli	onucli
Sample Information	As	Ba	Be	œ	Cd	Çŗ	Pb	Mn	Мо	Ni	Se	C	۷	Zn	c	Ra-226	Ra-
Thornton Portal (Rajah Spring)			-	-	-											_	-
Thornton Portal, EFRC, 9/21/09	1.49	<0.1	<0.01	0.2	<0.01	<0.05	<0.05	<0.01	0.3	<0.05	0.154	2.02	0.3	0.01	1,370	9.7	6
Thornton Portal, EFRC, 6/30/10	1.39	<0.1	<0.01	<0.2	<0.01	<0.05	<0.05	<0.01	0.2	<0.05	0.146	1.81	0.5	<0.01	1,230	15	<u>^</u>
Thornton Portal, EFRC, 5/24/11	1.51	<0.1	<0.01	0.2	<0.01	<0.05	<0.05	<0.01	0.3	<0.05	0.142	1.86	0.4	<0.01	1,260	12	7
Thorton Portal, EFRC, 5/30/12	1.75	<0.1	<0.01	0.1	<0.01	<0.05	<0.05	0.01	0.3	<0.05	0.189	2.06	0.4	<0.01	1,390	=	^
Thorton Portal, EFRC, 6/17/2013	1.39	<0.1	<0.01	0.1	<0.01	<0.05	<0.05	0.09	0.3	<0.05	0.154	2.43	0.4	<0.01	1,650	16	<u>_</u>
Colorado Water Standards																	
Ground Water, Domestic	0.01	2.0	0.004		0.005	0.1	0.05	0.05	0.035	0.1	0.05	0.03		сл	20	5(c)	 ე
Surface Water Stream (a f)	0 100		0.1	0.75	0.01	0.1	0.1	0.2		0.2	0.02	1-1	0.1	0 00			,
Surface Water, Domestic	0.1(g)	1.0	0.004		0.005	0.05	0.05	0.05		0.1	0.05	0.03		א רט	20	5(c)	
EPA Water Standards (h)	0.1		0.1	0.75	0.01	0.1	0.1	0.2		0.2	0.02			22			_
Maximum													1				ŀ
Average							-					4		1.0		10 dis, 30 tot	
*	Notes: 1. Water uses.											2 4		1.0 0.5		10 dis, 30 tot 3 dis, 10 tot	
	2. Conce compare 3. Metal a	standards ntrations o d to cetain and radior	Notes: 2 0.5 3 dis, 10 tot 1. Water standards are provided for reference only. These standards do not apply to the spring water unless it is used for drinking water, irrigation, or other regulated uses. 2. Concentrations or activity levels above a state or federal standard are shaded for reference purposes. Shading indicates that the measured level is elevated compared to cetain standards of water use. 3. Metal and radionuclide levels are reported as total recoverable. 3 dis, 10 tot	ed for refer wels above of water u	rence only. a state or se. rted as tota	These sta federal sta il recovera	Indards do andard are	not apply shaded fo	to the spri	ng water u	nless it is u	2 Ised for dri indicates t	inking wate	1.0 0.5 9r, irrigatior	n, or other	10 dis, 30 tot 10 tot regulated	
	2. Conce 3. Metal	standards ntrations c d to cetain and radior	are provid or activity le t standards nuclide level	ed for refer vels above of water us Is are repo	rted as tota	These sta federal sta Il recovera	indards do are	not apply	r reference	9 purposes	Shading	e dindicates t	hat the me	1.0 0.5 er, irrigatior	n, or other	10 dis, 30 tot 10 tot regulated	

 Table 5
 Water Quality Data

 Rajah 49
 Mine, Thornton Portal

 Page 2 of 2

uclides (pCi/L) Ra-228 Ra-226 Ra-228 Ra-228 Ra-228 Ra-228 Construction Construc <17.9 <10.2 <13 <12

Ra-226 Ra-228

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C.	ample ID		WW 05	Waste Rock S WW 06	WW WR
Collection	Date(s)	11/18/07	11/18/07	11/18/07	3Q08-4Q09
Constituents	Units	11/10/07	1 11/10/07	1 1110001	0000 4000
TOTAL ANALYSES				NET CONTRACTOR	in the second second
Total Major Ions					
Calcium	mg/kg	17100	12000	18900	28300
Magnesium	mg/kg	4020	2760	5720	3300
Phosphorous	mg/kg	174	101	299	247
Potassium	mg/kg	1800	852	6510	1380
Silica	mg/kg	1610	1100	1180	2290
Sodium	mg/kg	101	105	220	211
Total Metals					
Aluminum	mg/kg	8600	5590	17300	4190
Antimony	mg/kg	< 0.5	<0.5	< 0.5	< 0.5
Arsenic	mg/kg	4.6	1.4	3.8	14.5
Barium	mg/kg	558	771	35.9	234
Beryllium	mg/kg	<0.5	<0.5	0.7	<0.5
Boron Cadmium	mg/kg mg/kg	5.6 <0.5	<5.0 <0.5	11.4 <0.5	<5.0 <0.5
Chromium	mg/kg	4.1	2.5	14.6	4.9
Copper	mg/kg	0.7	3.4	7.5	20.4
Iron	mg/kg	2790	3450	13800	5060
Lead	mg/kg	7.8	1.2	4.7	16.1
Manganese	mg/kg	102	90.4	133	190
Mercury	mg/kg	< 0.05	<0.05	<0.05	<0.05
Molybdenum	mg/kg	< 0.5	<0.5	1.2	<0.05
Nickel	mg/kg	2.7	1.9	11.6	3.2
Selenium	mg/kg	3.0	<0.5	<0.5	4.0
Silver	mg/kg	<0.5	< 0.5	<0.5	<0.5
Thallium	mg/kg	<0.5	<0.5	<0.5	<0.5
Uranium	mg/kg	10.9	6.4	2.7	7.8
Uranium as U ₃ O ₈	mg/kg	12.8	7.6	3.2	9.2
Vanadium	mg/kg	336	47.2	88.4	51.8
Vanadium as V ₂ O ₅	mg/kg	599	84.3	158	92.4
Zinc	mg/kg	9.1	9.1	21.0	32.1
Total Radionuclides					
Gross Alpha	ρCi/g	20.4	13.0	9.4	21.5
Gross Beta	ρCi/g	26.0	17.9	15.0	29.4
Radium-226	ρCi/g	4.2	2.8	3.8	3.7
Radium-228	ρCi/g	<0.1	<0.1	0.3	<0.5
Radium-226 + -228	ρCi/g	<4.3	<2.9	4.1	<4.2
SYNTHETIC PRECIPITA	TION LEA	CHING PROC	EDURE (SPL	P) ANALYSES	
SPLP Extractable Phy	sical Pro	perties			
TDS	mg/L	52	40	52	30
pН	s.u.	10.1	10.2	10.1	9.87
Hardness	mg/L	17.5	17	10.7	13
Alkalinity	mg/L	34	37	36	35
Conductance	µS/cm	83.5	87.9	92.6	96
SPLP Extractable Maj					
Sodium	mg/L	10	8.6	11.2	12.3
Calcium	mg/L	5.2	5.3	3.0	3.4
Magnesium	mg/L	1.1	0.9	0.8	1.0
Magnesium Potassium	mg/L mg/L	<0.5	0.9 <0.5	0.8 2.6	4.0
Magnesium Potassium Chloride	mg/L mg/L mg/L	<0.5 <1	0.9 <0.5 <1	0.8 2.6 <1	4.0
Magnesium Potassium Chloride Flouride	mg/L mg/L mg/L mg/L	<0.5 <1 <0.1	0.9 <0.5 <1 <0.1	0.8 2.6 <1 0.1	4.0 2 0.1
Magnesium Potassium Chloride Flouride Nitrate	mg/L mg/L mg/L mg/L mg/L	<0.5 <1 <0.1 <0.1	0.9 <0.5 <1 <0.1 <0.1	0.8 2.6 <1 0.1 <0.1	4.0 2 0.1 1.2
Magnesium Potassium Chloride Flouride Nitrate Nitrite	mg/L mg/L mg/L mg/L mg/L mg/L	<0.5 <1 <0.1 <0.1 <0.1	0.9 <0.5 <1 <0.1 <0.1 <0.1	0.8 2.6 <1 0.1 <0.1 <0.1	4.0 2 0.1 1.2 <0.1
Magnesium Potassium Chloride Flouride Nitrate Nitrite Phosphorous	mg/L mg/L mg/L mg/L mg/L mg/L	<0.5 <1 <0.1 <0.1 <0.1 <0.1 <0.1	0.9 <0.5 <1 <0.1 <0.1 <0.1 <0.1 <0.1	0.8 2.6 <1 0.1 <0.1 <0.1 <0.1 <0.1	4.0 2 0.1 1.2 <0.1 <0.1
Magnesium Potassium Chloride Flouride Nitrate Nitrite Phosphorous Bicarbonate as HCO ₃	mg/L mg/L mg/L mg/L mg/L mg/L mg/L	<0.5 <1 <0.1 <0.1 <0.1 <0.1 24	0.9 <0.5 <1 <0.1 <0.1 <0.1 <0.1 <0.1 25	0.8 2.6 <1 0.1 <0.1 <0.1 <0.1 <0.1 24	4.0 2 0.1 1.2 <0.1 <0.1 23
Magnesium Potassium Chloride Flouride Nitrate Nitrite Phosphorous Bicarbonate as HCO ₃ Silica	mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L	<0.5 <1 <0.1 <0.1 <0.1 <0.1 24 2.6	0.9 <0.5 <1 <0.1 <0.1 <0.1 <0.1 25 2.8	0.8 2.6 <1 0.1 <0.1 <0.1 <0.1 24 3.3	4.0 2 0.1 1.2 <0.1 <0.1 23 4.7
Magnesium Potassium Chloride Flouride Nitrate Nitrite Phosphorous Bicarbonate as HCO ₃ Silica Sulfate	mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L	<0.5 <1 <0.1 <0.1 <0.1 <0.1 24	0.9 <0.5 <1 <0.1 <0.1 <0.1 <0.1 <0.1 25	0.8 2.6 <1 0.1 <0.1 <0.1 <0.1 <0.1 24	4.0 2 0.1 1.2 <0.1 <0.1 23
Magnesium Potassium Chloride Flouride Nitrate Nitrite Phosphorous Bicarbonate as HCO ₃ Silica Sulfate SPLP Extractable Met	mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L	<0.5 <1 <0.1 <0.1 <0.1 <0.1 24 2.6 4	0.9 <0.5 <1 <0.1 <0.1 <0.1 <0.1 25 2.8 2	0.8 2.6 <1 0.1 <0.1 <0.1 <0.1 <0.1 24 3.3 3	4.0 2 0.1 1.2 <0.1 <0.1 23 4.7 6
Magnesium Potassium Chloride Flouride Nitrate Nitrite Phosphorous Bicarbonate as HCO ₃ Silica Sulfate SPLP Extractable Met Aluminum	mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L	<0.5 <1 <0.1 <0.1 <0.1 <0.1 24 2.6 4 0.2	0.9 <0.5 <1 <0.1 <0.1 <0.1 25 2.8 2 0.2	0.8 2.6 <1 0.1 <0.1 <0.1 <0.1 <0.1 24 3.3 3 0.2	4.0 2 0.1 1.2 <0.1 <0.1 23 4.7 6 0.7
Magnesium Potassium Chloride Flouride Nitrate Nitrite Phosphorous Bicarbonate as HCO ₃ Silica Sulfate SPLP Extractable Met Aluminum	mg/L	<0.5 <1 <0.1 <0.1 <0.1 <0.1 24 2.6 4 0.2 <0.001	0.9 <0.5 <1 <0.1 <0.1 <0.1 25 2.8 2 .8 2 .0.2 <0.001	0.8 2.6 <1 0.1 <0.1 <0.1 <0.1 <0.1 24 3.3 3 3 0.2 <0.001	4.0 2 0.1 1.2 <0.1 <0.1 23 4.7 6 0.7 <0.001
Magnesium Potassium Chloride Flouride Nitrate Nitrite Phosphorous Bicarbonate as HCO ₃ Silica Sulfate SPLP Extractable Met Aluminum Antimony	mg/L	<0.5 <1 <0.1 <0.1 <0.1 24 2.6 4 0.2 <0.001 0.033	0.9 <0.5 <1 <0.1 <0.1 <0.1 25 2.8 2 .8 2 .0.2 <0.001 0.002	0.8 2.6 <1 0.1 <0.1 <0.1 <0.1 <0.1 <0.1 24 3.3 3 0.2 <0.001 0.026	4.0 2 0.1 1.2 <0.1 <0.1 23 4.7 6 0.7 <0.001 0.040
Magnesium Potassium Chloride Flouride Nitrate Nitrite Phosphorous Bicarbonate as HCO ₃ Silica Sulfate SPLP Extractable Met Aluminum Antimony Arsenic Barium	mg/L	<0.5 <1 <0.1 <0.1 <0.1 <0.1 24 2.6 4 0.2 <0.001 0.033 <0.1	0.9 <0.5 <1 <0.1 <0.1 <0.1 25 2.8 2 2 0.2 <0.001 0.002 0.2	0.8 2.6 <1 0.1 <0.1 <0.1 <0.1 <0.1 <4 3.3 3 0.2 <0.001 0.026 <0.1	4.0 2 0.1 1.2 <0.1 <0.1 23 4.7 6 0.7 <0.001 0.040 <0.1
Magnesium Potassium Chloride Flouride Nitrate Nitrite Phosphorous Bicarbonate as HCO ₃ Silica Sulfate SPLP Extractable Met Aluminum Antimony Arsenic Barium Beryllium	mg/L	<0.5 <1 <0.1 <0.1 <0.1 24 2.6 4 .0.2 <0.001 0.033 <0.1 <0.001	0.9 <0.5 <1 <0.1 <0.1 <0.1 25 2.8 2 2 <0.01 0.2 <0.001 0.002 0.2 <0.001	0.8 2.6 <1 0.1 <0.1 <0.1 <0.1 <0.1 24 3.3 3 0.2 <0.001 0.026 <0.1 <0.001	4.0 2 0.1 1.2 <0.1 <0.1 23 4.7 6 0.7 <0.001 0.040 <0.1 <0.001
Magnesium Potassium Chloride Flouride Nitrate Nitrite Phosphorous Bicarbonate as HCO ₃ Silica Sulfate SPLP Extractable Met Aluminum Antimony Arsenic Barium Beryllium Boron	mg/L	<0.5 <1 <0.1 <0.1 <0.1 24 2.6 4	0.9 <0.5 <1 <0.1 <0.1 <0.1 25 2.8 2 2 <0.01 0.2 <0.001 0.002 0.2 <0.001 <0.1	0.8 2.6 <1 0.1 <0.1 <0.1 <0.1 <0.1 24 3.3 3 0.2 <0.001 0.026 <0.1 <0.001 <0.1	4.0 2 0.1 1.2 <0.1 <0.1 23 4.7 6 0.7 <0.001 0.040 <0.1 <0.001 <0.1
Magnesium Potassium Chloride Flouride Nitrate Nitrite Phosphorous Bicarbonate as HCO ₃ Silica Sulfate SPLP Extractable Met Aluminum Antimony Arsenic Barium Beryllium Boron Cadmium	mg/L	<0.5 <1 <0.1 <0.1 <0.1 24 2.6 4 0.2 <0.001 0.033 <0.1 <0.001 <0.01 <0.002	0.9 <0.5 <1 <0.1 <0.1 <0.1 25 2.8 2 <0.01 0.2 <0.001 0.002 0.2 <0.001 <0.1 <0.1 <0.002	0.8 2.6 <1 0.1 <0.1 <0.1 <0.1 <0.1 24 3.3 3 0.2 <0.001 0.026 <0.1 <0.001 <0.1 <0.001 <0.1	4.0 2 0.1 1.2 <0.1 <0.1 23 4.7 6 0.7 <0.001 0.040 <0.1 <0.001 <0.1 <0.001
Magnesium Potassium Chloride Flouride Nitrate Nitrite Phosphorous Bicarbonate as HCO ₃ Silica Sulfate SPLP Extractable Met Aluminum Antimony Arsenic Barium Beryllium Boron Cadmium	mg/L	<0.5 <1 <0.1 <0.1 <0.1 24 2.6 4 0.2 <0.001 0.033 <0.1 <0.001 <0.001 <0.002 <0.05	0.9 <0.5 <1 <0.1 <0.1 <0.1 25 2.8 2 <0.001 0.002 0.2 <0.001 <0.02 <0.001 <0.1 <0.002 <0.05	0.8 2.6 <1 0.1 <0.1 <0.1 <0.1 <0.1 24 3.3 3 0.2 <0.001 0.026 <0.1 <0.001 <0.1	4.0 2 0.1 1.2 <0.1 <0.1 23 4.7 6 0.7 <0.001 0.040 <0.1 <0.001 <0.01 <0.001 <0.05
Magnesium Potassium Chloride Flouride Nitrate Nitrite Phosphorous Bicarbonate as HCO ₃ Silica Sulfate SPLP Extractable Met Aluminum Antimony Arsenic Barium Barium Boron Cadmium Chromium Copper	mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L	<0.5 <1 <0.1 <0.1 <0.1 24 2.6 4 0.2 <0.001 0.033 <0.1 <0.001 <0.001 <0.002 <0.05 <0.01	0.9 <0.5 <1 <0.1 <0.1 <0.1 25 2.8 2 <0.01 0.2 <0.001 0.002 0.2 <0.001 <0.1 <0.02 <0.001 <0.1 <0.02 <0.001 <0.1	0.8 2.6 <1 0.1 <0.1 <0.1 <0.1 <0.1 24 3.3 3 0.2 <0.001 0.026 <0.1 <0.001 <0.001 <0.05 <0.01	4.0 2 0.1 1.2 <0.1 <0.1 23 4.7 6 0.7 <0.001 0.040 <0.1 <0.001 <0.01 <0.001 <0.05 <0.01
Magnesium Potassium Chloride Flouride Nitrate Nitrite Phosphorous Bicarbonate as HCO ₃ Silica Sulfate SPLP Extractable Met Aluminum Antimony Arsenic Barium Barium Boron Cadmium Chromium Copper Iron	mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L	<0.5 <1 <0.1 <0.1 <0.1 24 2.6 4 0.2 <0.001 0.033 <0.1 <0.001 <0.001 <0.002 <0.05	0.9 <0.5 <1 <0.1 <0.1 <0.1 25 2.8 2 0.2 <0.001 0.002 0.2 <0.001 <0.01 <0.002 <0.05 <0.01 0.05	0.8 2.6 <1 0.1 <0.1 <0.1 <0.1 24 3.3 3 0.2 <0.001 0.026 <0.1 <0.001 <0.01 <0.001 <0.05 <0.01 0.11	4.0 2 0.1 1.2 <0.1 <0.1 23 4.7 6 0.7 <0.001 0.040 <0.1 <0.001 <0.01 <0.001 <0.05 <0.01 0.32
Magnesium Potassium Chloride Flouride Nitrate Nitrite Phosphorous Bicarbonate as HCO ₃ Silica Sulfate SPLP Extractable Met Aluminum Antimony Arsenic Barium Barium Boron Cadmium Chromium Copper ron	mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L	<0.5 <1 <0.1 <0.1 <0.1 24 2.6 4	0.9 <0.5 <1 <0.1 <0.1 <0.1 25 2.8 2 <0.01 0.2 <0.001 0.002 0.2 <0.001 <0.1 <0.02 <0.001 <0.1 <0.02 <0.001 <0.1	0.8 2.6 <1 0.1 <0.1 <0.1 <0.1 <0.1 24 3.3 3 0.2 <0.001 0.026 <0.1 <0.001 <0.001 <0.05 <0.01	4.0 2 0.1 1.2 <0.1 <0.1 23 4.7 6 0.7 <0.001 0.040 <0.1 <0.001 <0.01 <0.001 <0.05 <0.01
Magnesium Potassium Chloride Flouride Nitrate Nitrite Phosphorous Bicarbonate as HCO ₃ Silica Sulfate SPLP Extractable Met Aluminum Antimony Arsenic Barium Barium Boron Cadmium Chromium Copper Iron Lead Manganese	mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L	<0.5 <1 <0.1 <0.1 <0.1 24 2.6 4 0.2 <0.001 0.033 <0.1 <0.001 <0.001 <0.002 <0.05 <0.01 0.07	0.9 <0.5 <1 <0.1 <0.1 <0.1 25 2.8 2 .8 2 .8 2 .8 2 .8 2 .8 2 .0.001 0.002 0.2 <0.001 <0.01 <0.002 <0.001 <0.05 <0.001	0.8 2.6 <1 0.1 <0.1 <0.1 <0.1 24 3.3 3 0.2 <0.001 0.026 <0.1 <0.001 <0.01 <0.001 <0.05 <0.01 0.11 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001	4.0 2 0.1 1.2 <0.1 <0.1 23 4.7 6 0.7 <0.001 0.040 <0.1 <0.001 <0.001 <0.001 <0.05 <0.01 0.32 0.002
Magnesium Potassium Potassium Chloride Flouride Nitrate Nitrite Phosphorous Bicarbonate as HCO ₃ Silica Sulfate SPLP Extractable Met Aluminum Antimony Arsenic Barium Beryllium Boron Cadmium Chromium Copper ron Lead Manganese Mercury	mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L	<0.5 <1 <0.1 <0.1 <0.1 24 2.6 4	0.9 <0.5 <1 <0.1 <0.1 <0.1 25 2.8 2 <0.001 0.002 0.2 <0.001 <0.001 <0.002 <0.001 <0.002 <0.005 <0.001 0.05 <0.001 <0.01	0.8 2.6 <1	4.0 2 0.1 1.2 <0.1 <0.1 23 4.7 6 0.7 <0.001 0.040 <0.1 <0.001 <0.001 <0.001 <0.05 <0.01 0.32 0.002 <0.01
Magnesium Potassium Chloride Flouride Nitrate Nitrite Phosphorous Bicarbonate as HCO ₃ Silica Sulfate SPLP Extractable Met Aluminum Antimony Arsenic Barium Barium Boron Cadmium Chromium Copper ron Lead Manganese Mercury Molybdenum	mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L	<0.5 <1 <0.1 <0.1 <0.1 24 2.6 4	0.9 <0.5 <1 <0.1 <0.1 <0.1 25 2.8 2 <0.001 0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.005 <0.001 <0.001 <0.001 <0.001	0.8 2.6 <1	4.0 2 0.1 1.2 <0.1 <0.1 23 4.7 6 0.7 <0.001 <0.040 <0.01 <0.001 <0.001 <0.05 <0.01 <0.02 <0.001 <0.02 <0.001 <0.001 <0.02 <0.001 <0.001 <0.002 <0.001 <0.001 <0.002 <0.001 <0.001 <0.002 <0.001 <0.001 <0.002 <0.001 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.001 <0.002 <0.001 <0.002 <0.001 <0.001 <0.002 <0.001 <0.002 <0.001 <0.001 <0.001 <0.001 <0.002 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.00
Magnesium Potassium Chloride Flouride Nitrate Nitrite Phosphorous Bicarbonate as HCO ₃ Silica Sulfate SPLP Extractable Met Aluminum Antimony Arsenic Barium Baryllium Boron Cadmium Chromium Copper ron Lead Manganese Mercury Molybdenum	mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L	<0.5 <1 <0.1 <0.1 <0.1 24 2.6 4	0.9 <0.5 <1 <0.1 <0.1 <0.1 25 2.8 2 <0.001 0.002 0.2 <0.001 <0.001 <0.002 <0.05 <0.001 <0.05 <0.001 <0.01 <0.01 <0.01 <0.01	0.8 2.6 <1	4.0 2 0.1 1.2 <0.1 <0.1 23 4.7 6 0.7 <0.001 <0.040 <0.1 <0.001 <0.001 <0.05 <0.01 <0.05 <0.01 0.32 0.002 <0.01 <0.001 <0.02 <0.01 <0.001 <0.02 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.0001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.
Magnesium Potassium Chloride Flouride Nitrate Nitrite Phosphorous Bicarbonate as HCO ₃ Silica Sulfate SPLP Extractable Met Aluminum Antimony Arsenic Barium Beryllium Boron Cadmium Chromium Copper Iron Lead Manganese Mercury Molybdenum Vickel Selenium	mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L	<0.5 <1 <0.1 <0.1 <0.1 24 2.6 4	0.9 <0.5 <1 <0.1 <0.1 <0.1 25 2.8 2 <0.001 0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.005 <0.001 <0.001 <0.01 <0.01 <0.01 <0.01 <0.001 <0.01 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0002 <0.0001 <0.0001 <0.0001 <0.0002 <0.0001 <0.0001 <0.0001 <0.0002 <0.0001 <0.0001 <0.0002 <0.0001 <0.0002 <0.0001 <0.0002 <0.0001 <0.0002 <0.0001 <0.0002 <0.0001 <0.0002 <0.0001 <0.0002 <0.0001 <0.0002 <0.0001 <0.0002 <0.0001 <0.0002 <0.0001 <0.0002 <0.0001 <0.0002 <0.0001 <0.0002 <0.0001 <0.0002 <0.0001 <0.0002 <0.0001 <0.0002 <0.0001 <0.0002 <0.0001 <0.0002 <0.0001 <0.0002 <0.0001 <0.0002 <0.0001 <0.0002 <0.0001 <0.0002 <0.0001 <0.0002 <0.0001 <0.0002 <0.0001 <0.0002 <0.0001 <0.0002 <0.0001 <0.0002 <0.0001 <0.0002 <0.0001 <0.0002 <0.0001 <0.0002 <0.0001 <0.0002 <0.0001 <0.0002 <0.0001 <0.0002 <0.0001 <0.0002 <0.0001 <0.0002 <0.0001 <0.0002 <0.0001 <0.0002 <0.0002 <0.0001 <0.0002 <0.0001 <0.0002 <0.0001 <0.0002 <0.0001 <0.0002 <0.0001 <0.0002 <0.0001 <0.0002 <0.0001 <0.0002 <0.0001 <0.0002 <0.0001 <0.0002 <0.0001 <0.0002 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.00001 <0.0001 <0.00001 <0.00001 <0.0001 <0.0001 <0.0000000000	0.8 2.6 <1	4.0 2 0.1 1.2 <0.1 <0.1 23 4.7 6 0.7 <0.001 <0.040 <0.01 <0.001 <0.001 <0.05 <0.01 0.32 0.002 <0.01 <0.001 <0.02 <0.01 <0.05 <0.01 <0.05 <0.01 <0.05 <0.01 <0.05 <0.01 <0.05 <0.01 <0.05 <0.01 <0.05 <0.01 <0.05 <0.001 <0.05 <0.001 <0.001 <0.05 <0.001 <0.05 <0.001 <0.001 <0.05 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.005 <0.001 <0.002 <0.001 <0.005 <0.001 <0.002 <0.001 <0.005 <0.001 <0.001 <0.005 <0.001 <0.005 <0.001 <0.005 <0.001 <0.005 <0.001 <0.005 <0.001 <0.005 <0.001 <0.002 <0.001 <0.001 <0.002 <0.001 <0.005 <0.001 <0.002 <0.001 <0.005 <0.001 <0.005 <0.001 <0.005 <0.001 <0.005 <0.001 <0.005 <0.001 <0.005 <0.001 <0.005 <0.001 <0.005 <0.001 <0.005 <0.001 <0.005 <0.001 <0.005 <0.001 <0.005 <0.001 <0.005 <0.001 <0.005 <0.001 <0.005 <0.001 <0.005 <0.001 <0.005 <0.001 <0.005 <0.001 <0.005 <0.001 <0.005 <0.001 <0.005 <0.001 <0.005 <0.001 <0.005 <0.001 <0.005 <0.001 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.
Magnesium Potassium Potassium Chloride Flouride Nitrate Nitrite Phosphorous Bicarbonate as HCO ₃ Silica Sulfate SPLP Extractable Met Aluminum Antimony Arsenic Barium Beryllium Boron Cadmium Chromium Copper ron Lead Manganese Mercury Molybdenum Nickel Selenium Silver	mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L	<0.5	0.9 <0.5 <1 <0.1 <0.1 <0.1 25 2.8 2 <0.01 0.02 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.05 <0.001 <0.01 <0.001 <0.01 <0.01 <0.001 <0.01 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.001 <0.002 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.005 <0.001 <0.001 <0.005 <0.0001 <0.001 <0.005 <0.0001 <0.005 <0.0001 <0.005 <0.0001 <0.005 <0.0001 <0.005 <0.0001 <0.005 <0.0001 <0.005 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.00001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <00	0.8 2.6 <1	4.0 2 0.1 1.2 <0.1 23 4.7 6 0.7 <0.001 0.040 <0.1 <0.001 <0.001 <0.001 <0.05 <0.01 0.32 0.002 <0.01 <0.001 <0.02 <0.01 <0.02 <0.01 <0.02 <0.01 <0.05 <0.01 <0.05 <0.01 <0.05 <0.01 <0.05 <0.01 <0.001 <0.05 <0.001 <0.02 <0.001 <0.02 <0.001 <0.05 <0.001 <0.02 <0.001 <0.05 <0.001 <0.02 <0.001 <0.05 <0.001 <0.05 <0.001 <0.001 <0.05 <0.001 <0.001 <0.05 <0.001 <0.001 <0.05 <0.001 <0.001 <0.05 <0.001 <0.002 <0.001 <0.001 <0.002 <0.001 <0.001 <0.002 <0.001 <0.001 <0.002 <0.001 <0.001 <0.001 <0.001 <0.001 <0.005 <0.001 <0.001 <0.001 <0.001 <0.005 <0.001 <0.001 <0.001 <0.005 <0.001 <0.002 <0.001 <0.001 <0.001 <0.001 <0.002 <0.001 <0.001 <0.001 <0.001 <0.002 <0.001 <0.001 <0.001 <0.001 <0.002 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.01 <0.005 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0.012 <0
Magnesium Potassium Potassium Chloride Flouride Nitrate Nitrite Phosphorous Bicarbonate as HCO ₃ Silica Sulfate SPLP Extractable Met Aluminum Antimony Arsenic Barium Beryllium Boron Cadmium Chromium Copper ron Lead Manganese Mercury Molybdenum Nickel Selenium Silver Fhallium	mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L	<0.5	0.9 <0.5 <1 <0.1 <0.1 <0.1 25 2.8 2 <0.01 0.02 <0.001 <0.02 <0.001 <0.02 <0.001 <0.02 <0.001 <0.05 <0.001 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.05 <0.001 <0.01 <0.01 <0.05 <0.004 <0.01	0.8 2.6 <1	4.0 2 0.1 1.2 <0.1 23 4.7 6 0.7 <0.001 0.040 <0.1 <0.001 <0.001 <0.05 <0.01 <0.002 <0.01 <0.001 <0.02 <0.01 <0.001 <0.05 <0.01 <0.001 <0.05 <0.01 <0.001 <0.05 <0.01 <0.001 <0.05 <0.001 <0.001 <0.001 <0.05 <0.001 <0.001 <0.001 <0.05 <0.001 <0.001 <0.001 <0.001 <0.05 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001
Magnesium Potassium Chloride Flouride Nitrate Nitrite Phosphorous Bicarbonate as HCO ₃ Silica Sulfate SPLP Extractable Met Aluminum Antimony Arsenic Barium Barium Baryllium Boron Cadmium Chromium Copper ron Lead Manganese Mercury Molybdenum Nickel Selenium Silver Fhallium	mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L	<0.5	0.9 <0.5 <1 <0.1 <0.1 <0.1 25 2.8 2 <0.01 0.02 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.001 <0.01 <0.001 <0.01 <0.001 <0.01 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001	0.8 2.6 <1	4.0 2 0.1 1.2 <0.1 23 4.7 6 0.7 <0.001 0.040 <0.01 <0.001 <0.001 <0.05 <0.01 <0.001 <0.02 <0.01 <0.001 <0.02 <0.01 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.00
Magnesium Potassium Chloride Flouride Nitrate Nitrite Phosphorous Bicarbonate as HCO ₃ Silica Sulfate SPLP Extractable Met Aluminum Antimony Arsenic Barium Beryllium Boron Cadmium Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver Thallium Jranium Jranium as U ₃ O ₈	mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L	<0.5	0.9 <0.5 <1 <0.1 <0.1 <0.1 25 2.8 2 0.2 <0.001 0.002 0.2 <0.001 <0.001 <0.002 <0.001 <0.002 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.002 <0.001 <0.001 <0.002 <0.001 <0.001 <0.002 <0.001 <0.001 <0.002 <0.001 <0.001 <0.002 <0.001 <0.001 <0.002 <0.001 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.001 <0.002 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0000000 <0.0000000000	0.8 2.6 <1	4.0 2 0.1 1.2 <0.1 23 4.7 6 0.7 <0.001 0.040 <0.1 <0.001 <0.001 <0.001 <0.05 <0.01 <0.001 <0.02 <0.01 <0.001 <0.02 <0.01 <0.001 <0.02 <0.01 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001
Magnesium Potassium Chloride Flouride Nitrate Nitrate Phosphorous Bicarbonate as HCO ₃ Silica Sulfate SPLP Extractable Met Aluminum Antimony Arsenic Barium Barium Baryllium Boron Cadmium Chromium Copper ron Lead Manganese Mercury Molybdenum Nickel Selenium Silver Fhallium Jranium Jranium as U ₃ O ₈ /anadium	mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L	<0.5	0.9 <0.5 <1 <0.1 <0.1 <0.1 25 2.8 2 0.2 <0.001 0.002 0.2 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.005 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.0004 <0.0004	0.8 2.6 <1	4.0 2 0.1 1.2 <0.1 23 4.7 6 0.7 <0.001 0.040 <0.1 <0.001 <0.001 <0.001 <0.05 <0.01 0.32 0.002 <0.01 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001
Magnesium Potassium Chloride Flouride Nitrate Nitrate Phosphorous Bicarbonate as HCO ₃ Silica Sulfate SPLP Extractable Met Aluminum Antimony Arsenic Barium Barium Baryllium Boron Cadmium Chromium Chromium Copper ron Lead Manganese Mercury Molybdenum Nickel Selenium Silver Fhallium Jranium as U ₃ O ₈ /anadium /anadium as V ₂ O ₅	mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L	<0.5	0.9 <0.5 <1 <0.1 <0.1 <0.1 25 2.8 2 2 0.2 <0.001 0.002 0.2 <0.001 <0.002 0.2 <0.001 <0.002 <0.001 <0.002 <0.05 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.0004 <0.0004 <0.01 <0.02	0.8 2.6 <1	4.0 2 0.1 1.2 <0.1 <0.1 23 4.7 6 0.7 <0.001 0.040 <0.01 <0.001 <0.001 <0.05 <0.01 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.002 <0.01 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.0
Magnesium Potassium Chloride Flouride Nitrate Nitrate Phosphorous Bicarbonate as HCO ₃ Silica Sulfate SPLP Extractable Met Aluminum Antimony Arsenic Barium Barium Baryllium Boron Cadmium Chromium Chromium Chromium Copper ron Lead Manganese Mercury Molybdenum Nickel Selenium Silver Fhallium Jranium as U ₃ O ₈ /anadium /anadium as V ₂ O ₅	mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L	<0.5	0.9 <0.5 <1 <0.1 <0.1 <0.1 25 2.8 2 0.2 <0.001 0.002 0.2 <0.001 <0.001 <0.002 <0.001 <0.002 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.0004 <0.0004 <0.0004 <0.1	0.8 2.6 <1	4.0 2 0.1 1.2 <0.1
Magnesium Potassium Chloride Flouride Nitrate Nitrate Phosphorous Bicarbonate as HCO ₃ Silica Sulfate SPLP Extractable Met Aluminum Antimony Arsenic Barium Barium Baryllium Boron Cadmium Chromium Chromium Copper ron Lead Manganese Mercury Molybdenum Nickel Selenium Silver Fhallium Jranium as U ₃ O ₈ /anadium /anadium as V ₂ O ₅ Zinc SPLP Extractable Rad	mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L	<0.5 <1 <0.1 <0.1 <0.1 <0.1 24 2.6 4 0.2 <0.001 0.033 <0.1 <0.001 <0.001 <0.002 <0.05 <0.01 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 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Magnesium Potassium Chloride Flouride Nitrate Nitrate Nitrite Phosphorous Bicarbonate as HCO ₃ Silica Sulfate SPLP Extractable Met Aluminum Antimony Arsenic Barium Beryllium Boron Cadmium Chromium Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver Fhallium Jranium Jranium as U ₃ O ₈ Zinc SPLP Extractable Rad Jranium Gross Alpha	mg/L mg/L <	<0.5 <1 <0.1 <0.1 <0.1 <0.1 24 2.6 4 0.2 <0.001 0.033 <0.1 <0.001 <0.001 <0.002 <0.05 <0.01 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 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Magnesium Potassium Chloride Flouride Nitrate Nitrate Nitrite Phosphorous Bicarbonate as HCO ₃ Silica Sulfate SPLP Extractable Met Aluminum Antimony Arsenic Barium Baryllium Boron Cadmium Chromium Copper ron Lead Manganese Mercury Molybdenum Nickel Selenium Silver Fhallium Jranium as U ₃ O ₈ /anadium /anadium as V ₂ O ₅ Zinc SPLP Extractable Rad Jranium Arses Alpha Arses Beta	mg/L mg/L <	<0.5 <1 <0.1 <0.1 <0.1 <0.1 24 2.6 4 0.2 <0.001 0.033 <0.1 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 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Magnesium Potassium Chloride Flouride Nitrate Nitrite Phosphorous Bicarbonate as HCO ₃ Silica Sulfate SPLP Extractable Met Aluminum Antimony Arsenic Barium Beryllium Boron Cadmium Chromium Copper Iron Lead Manganese Mercury Molybdenum Vickel Selenium Silver Fhallium Jranium Jranium as U ₃ O ₈ Zinc SPLP Extractable Rad Jranium Gross Alpha Gross Beta Radium-226	mg/L mg/L <	<0.5	0.9 <0.5 <1 <0.1 <0.1 <0.1 25 2.8 2 2 0.2 <0.001 0.002 0.2 <0.001 <0.002 <0.02 <0.001 <0.002 <0.05 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.002 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.002 <0.001 <0.001 <0.001 <0.002 <0.001 <0.001 <0.001 <0.002 <0.001 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.001 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002	0.8 2.6 <1	4.0 2 0.1 1.2 <0.1 <0.1 23 4.7 6 0.7 <0.001 0.040 <0.1 <0.001 <0.001 <0.05 <0.01 <0.05 <0.01 <0.02 <0.01 <0.05 <0.01 <0.001 <0.05 <0.01 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.0

Notes:

1. 3Q08-4Q09 sample was a composite of waste rock grab samples collected on 11/4/08, 3/5/09, 6/19/09 and 9/8/09.

Table 6 Total and SPLP DataWhirlwind Mine Waste Rock