



Ministere des Ressources naturelles et de la Faune  
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Val-d'Or PQ 261  
Canada

Report No.: A23-13752-ReAssay  
Report Date: 16-Jan-24  
Date Submitted: 26-Sep-23  
Your Reference: GOCHIGAMI NO:9

ATTN: Olivier Lamarche

## CERTIFICATE OF ANALYSIS

136 Lake Sediments samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
UT-2-MRNF Quebec	QOP AquaGeo/QOP Ultratrace-1 (Aqua Regia ICPOES/ICPMS)	2023-12-27 10:44:08

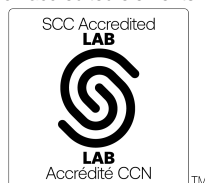
REPORT A23-13752-ReAssay

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

### Notes:

Assays are recommended for values above the upper limit. The Au from AR-MS is for information purposes, for accurate Au fire assay 1A2 should be requested.

Refer to the Scope of Accreditation for information on accredited elements.



LabID: 266

ACTIVATION LABORATORIES LTD.  
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5  
TELEPHONE +905.648.9611 or +1.888.228.5227 FAX +1.905.648.9613  
E-MAIL [Ancaster@actlabs.com](mailto:Ancaster@actlabs.com) ACTLABS GROUP WEBSITE [www.actlabs.com](http://www.actlabs.com)

CERTIFIED BY:

A handwritten signature in black ink, appearing to read "Mark Vandergeest".

Mark Vandergeest  
Quality Control Coordinator

Analyte Symbol	Au	Ag	Al	As	B	Ba	Bi	Ca	Cd	Co	Cr	Cs	Cu	Er	Eu	Dy	Fe	Ga	K	La	Lu	Mg	Mn
Unit Symbol	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.2	0.002	0.01	0.1	1	0.5	0.02	0.01	0.01	0.1	1	0.02	0.2	0.1	0.1	0.1	0.01	0.02	0.01	0.5	0.1	0.01	1
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
145216	0.6	0.176	0.42	1.5	1	34.3	0.08	0.17	0.27	0.7	5	0.30	9.4	0.7	0.3	1.9	0.23	1.72	0.02	23.9	< 0.1	0.03	15
145217	1.0	0.195	1.75	2.0	2	35.9	0.13	0.29	0.54	3.7	16	0.52	39.8	1.5	0.6	3.0	1.65	3.55	0.05	38.2	0.2	0.10	133
145218	0.7	0.177	1.76	1.9	2	33.4	0.09	0.29	0.48	3.4	16	0.51	36.0	1.5	0.6	2.9	1.55	3.41	0.06	36.9	0.2	0.09	125
145230	0.5	0.142	0.77	0.8	3	27.4	0.03	0.75	0.23	1.1	8	0.22	6.7	0.5	0.2	0.9	0.19	3.03	0.02	10.6	< 0.1	0.03	11
145231	0.3	0.425	1.67	3.4	3	46.9	0.11	0.50	0.53	9.9	19	0.45	14.3	1.3	0.6	2.7	2.28	5.83	0.03	29.8	0.1	0.07	226
145232	0.4	0.470	1.88	2.9	3	41.0	0.08	0.36	0.65	10.7	21	0.42	17.5	1.5	0.6	2.9	2.30	6.30	0.02	32.7	0.2	0.06	260
145233	4.2	0.262	2.35	22.2	4	102	4.69	0.21	0.34	12.4	35	7.05	143	1.4	0.8	3.3	3.16	7.69	0.34	36.0	0.1	0.64	629
145234	0.5	0.268	1.87	3.2	2	34.9	0.10	0.36	0.74	12.4	22	0.32	15.0	1.5	0.7	3.2	1.80	4.59	0.02	34.5	0.2	0.05	315
145235	0.6	0.704	0.68	0.7	3	28.2	0.03	0.38	0.34	0.6	9	0.43	18.8	0.3	0.2	0.7	0.24	4.81	0.02	8.5	< 0.1	0.04	25
145236	0.8	0.518	2.77	4.1	5	40.2	0.11	0.89	1.06	18.8	34	0.49	65.5	2.3	0.9	4.7	4.23	6.73	0.04	54.5	0.2	0.08	349
145274																							
145275																							
145276																							
145277																							
145278																							
145279																							
145280																							
145281																							
148001	0.3	0.271	1.73	11.2	2	36.1	0.11	0.31	0.85	36.1	28	0.61	17.4	1.9	0.8	3.8	11.5	4.67	0.03	40.4	0.2	0.10	942
148002	0.6	0.313	1.70	7.4	2	53.4	0.10	0.43	0.93	30.8	27	0.64	16.1	1.6	0.7	3.4	5.29	5.00	0.04	35.3	0.2	0.11	588
148003	0.8	0.214	1.48	3.7	2	49.3	0.09	0.28	0.76	22.1	21	0.49	12.9	1.3	0.6	2.6	4.28	3.91	0.03	29.8	0.2	0.09	1190
148022																							
148023																							
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148027																							
148028																							

Analyte Symbol	Mo	Na	Ni	P	Pb	S	Sb	Sc	Se	Sr	Te	Th	Ti	Tl	Tm	U	W	V	Zn	Be	Ce	Ge	Hf
Unit Symbol	ppm	%	ppm	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.1	0.001	0.1	0.001	0.02	0.1	0.1	0.5	0.02	0.1	0.001	0.02	0.1	0.1	0.1	1	0.1	0.1	0.01	0.1	0.1
Method Code	AR-MS	AR-MS	AR-MS	AR-ICP	AR-MS	AR-ICP	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-ICP	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
145216	1.38	0.019	5.5	0.039	11.4	0.171	0.11	0.1	3.3	10.4	< 0.02	< 0.1	0.011	0.04	< 0.1	1.7	0.2	6	15.6	0.2	42.6	0.1	< 0.1
145217	1.80	0.033	11.1	0.115	12.8	0.220	0.13	1.0	3.4	14.2	0.05	0.3	0.032	0.08	0.2	7.6	< 0.1	21	104	0.5	69.1	0.3	< 0.1
145218	1.68	0.065	10.3	0.113	8.2	0.217	0.09	1.0	2.6	13.8	< 0.02	0.3	0.030	0.07	0.2	7.2	< 0.1	20	95.3	0.6	66.4	0.3	< 0.1
145230	1.02	0.020	4.2	0.039	6.0	0.222	0.06	0.3	1.2	32.9	< 0.02	< 0.1	0.026	0.06	< 0.1	49.4	0.2	10	14.3	0.3	21.0	< 0.1	< 0.1
145231	6.56	0.028	8.6	0.144	16.6	0.239	0.13	1.1	2.5	22.5	< 0.02	0.7	0.053	0.14	0.2	58.9	0.4	37	57.1	0.7	57.4	0.2	< 0.1
145232	5.65	0.025	9.2	0.161	15.3	0.306	0.08	1.3	3.0	17.4	< 0.02	0.7	0.059	0.26	0.2	59.6	0.4	43	61.3	0.8	65.2	0.3	< 0.1
145233	11.7	0.033	29.8	0.059	21.5	0.033	0.31	4.9	3.1	16.9	< 0.02	11.0	0.181	0.44	0.2	3.1	0.8	40	115	1.4	82.9	0.3	0.1
145234	5.84	0.019	10.3	0.107	16.8	0.185	0.06	1.3	4.1	20.8	< 0.02	1.0	0.052	0.22	0.2	62.7	0.4	40	91.4	0.8	77.3	0.4	< 0.1
145235	1.26	0.023	5.0	0.074	6.7	0.258	0.11	0.2	1.5	14.6	< 0.02	< 0.1	0.027	0.03	< 0.1	3.1	0.1	10	13.8	0.2	15.8	< 0.1	< 0.1
145236	26.0	0.046	13.8	0.225	20.2	0.878	0.06	2.5	6.5	39.5	< 0.02	2.4	0.083	0.37	0.3	19.0	0.5	66	133	1.1	115	0.4	< 0.1
145274																	3.7						
145275																	0.3						
145276																	0.5						
145277																	0.7						
145278																	1.7						
145279																	0.6						
145280																	1.0						
145281																	1.7						
148001	25.0	0.019	14.6	0.140	12.2	0.136	0.04	2.2	3.9	18.6	< 0.02	4.0	0.046	0.44	0.2	15.9	0.8	61	86.7	0.8	101	0.4	< 0.1
148002	14.3	0.024	13.5	0.139	12.0	0.190	0.05	1.8	2.9	23.7	< 0.02	2.1	0.047	0.61	0.2	15.7	0.7	61	77.8	0.7	84.8	0.3	< 0.1
148003	13.5	0.021	12.4	0.098	9.8	0.169	0.06	1.5	3.5	17.5	< 0.02	1.7	0.040	0.43	0.2	13.6	0.4	42	71.0	0.6	68.7	0.3	< 0.1
148022																			70.8				
148023																			124				
148024																			112				
148025																			14.8				
148026																			125				
148027																			96.0				
148028																			58.9				

Analyte Symbol	In	Li	Nb	Nd	Rb	Re	Sn	Sm	Ta	Tb	Y	Yb	Zr	Pt	Pr	Pd	Hg	Ho
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppb	ppb	ppm
Lower Limit	0.02	0.1	0.02	0.02	0.1	0.2	0.05	0.1	0.05	0.1	0.01	0.1	0.1	2	0.1	10	10	0.1
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
145216	< 0.02	0.9	1.04	19.3	1.7	1.3	0.70	3.5	< 0.05	0.4	7.51	0.5	1.8	< 2	5.1	< 10	80	0.3
145217	0.03	2.7	2.14	31.5	3.5	1.9	1.18	5.6	< 0.05	0.5	15.4	1.3	0.6	< 2	8.5	< 10	70	0.5
145218	< 0.02	2.8	2.12	29.8	3.5	2.4	0.87	5.2	< 0.05	0.5	14.9	1.2	0.4	< 2	8.2	< 10	50	0.5
145230	< 0.02	0.9	1.05	9.25	1.4	0.7	0.16	1.7	< 0.05	0.2	3.89	0.3	1.3	< 2	2.5	< 10	40	0.2
145231	0.03	2.3	2.54	27.2	2.4	2.6	0.57	5.1	< 0.05	0.5	12.5	1.0	0.5	< 2	7.1	< 10	160	0.5
145232	0.02	2.1	2.80	30.0	2.2	2.8	0.44	5.7	< 0.05	0.5	13.6	1.1	0.5	< 2	7.8	< 10	160	0.5
145233	0.08	32.7	3.44	31.6	36.7	1.4	3.16	6.7	< 0.05	0.6	12.6	1.0	6.4	< 2	8.4	< 10	50	0.5
145234	< 0.02	1.9	2.24	33.5	1.7	3.1	0.51	6.2	< 0.05	0.6	14.2	1.1	0.3	< 2	8.7	< 10	110	0.6
145235	< 0.02	1.0	1.66	6.17	1.8	1.4	0.36	1.2	< 0.05	0.1	2.65	0.2	0.7	< 2	1.7	< 10	240	0.1
145236	0.04	2.6	3.82	48.1	2.7	4.5	0.94	8.8	< 0.05	0.9	21.1	1.7	0.6	< 2	12.8	< 10	170	0.8
145274																		
145275																		
145276																		
145277																		
145278																		
145279																		
145280																		
145281																		
148001	0.02	3.1	1.48	37.8	3.1	3.5	0.58	7.0	< 0.05	0.7	17.9	1.6	0.4	< 2	10.1	< 10	90	0.7
148002	0.02	3.2	1.90	33.1	3.5	2.0	0.58	6.1	< 0.05	0.6	16.2	1.4	0.3	< 2	9.0	< 10	100	0.6
148003	< 0.02	2.4	1.09	27.7	2.7	2.5	0.42	5.0	< 0.05	0.5	12.5	1.1	0.1	< 2	7.3	< 10	100	0.4
148022																		
148023																		
148024																		
148025																		
148026																		
148027																		
148028																		

Analyte Symbol	Au	Ag	Al	As	B	Ba	Bi	Ca	Cd	Co	Cr	Cs	Cu	Er	Eu	Dy	Fe	Ga	K	La	Lu	Mg	Mn
Unit Symbol	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.2	0.002	0.01	0.1	1	0.5	0.02	0.01	0.01	0.1	1	0.02	0.2	0.1	0.1	0.1	0.01	0.02	0.01	0.5	0.1	0.01	1
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
OREAS 922 (Aqua Regia) Meas		0.881	2.40	7.3		77.8	10.1	0.38	0.32	19.2	42	1.76	2210				5.30	7.13	0.40	34.6		1.29	732
OREAS 922 (Aqua Regia) Cert		0.851	2.72	6.12		70	10.3	0.324	0.28	19.4	40.7	1.76	2176				5.05	7.62	0.376	32.5		1.33	730
OREAS 922 (Aqua Regia) Meas		0.974	2.41	6.9		83.1	11.7	0.41	0.27	19.1	44	1.88	2270				5.18	7.55	0.42	36.1		1.27	783
OREAS 922 (Aqua Regia) Cert		0.851	2.72	6.12		70	10.3	0.324	0.28	19.4	40.7	1.76	2176				5.05	7.62	0.376	32.5		1.33	730
OREAS 922 (Aqua Regia) Meas																							
OREAS 922 (Aqua Regia) Cert																							
OREAS 907 (Aqua Regia) Meas	92.9	1.35	1.12	36.6		264	23.8	0.26	0.61	46.1	8	1.44	6720	0.5	1.1	1.9	8.84	15.4	0.34	36.7	< 0.1	0.22	320
OREAS 907 (Aqua Regia) Cert	101	1.30	0.945	37.0		225	22.3	0.280	0.540	43.7	8.59	1.17	6370	0.430	0.950	1.63	8.18	14.7	0.286	36.1	0.0390	0.221	330
OREAS 907 (Aqua Regia) Meas																							
OREAS 907 (Aqua Regia) Cert																							
OREAS 45f (Aqua Regia) Meas																							
OREAS 45f (Aqua Regia) Cert																							
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OREAS 45f (Aqua Regia) Cert																							
OREAS 263 (Aqua Regia) Meas																							
OREAS 263 (Aqua Regia) Cert																							
OREAS 130 (Aqua Regia) Meas		6.29	1.04	201			3.28	1.71	30.5	27.7	23	3.10	225				7.48	4.38	0.51	23.6	0.2	0.89	1640
OREAS 130 (Aqua Regia) Cert		6.27	1.10	205			3.05	1.81	28.8	27.1	23.2	2.96	226				7.27	4.78	0.500	26.4	0.150	0.892	1630
OREAS 130 (Aqua Regia) Meas																							
OREAS 130 (Aqua Regia) Cert																							
OREAS 130																							

Analyte Symbol	Au	Ag	Al	As	B	Ba	Bi	Ca	Cd	Co	Cr	Cs	Cu	Er	Eu	Dy	Fe	Ga	K	La	Lu	Mg	Mn
Unit Symbol	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.2	0.002	0.01	0.1	1	0.5	0.02	0.01	0.01	0.1	1	0.02	0.2	0.1	0.1	0.1	0.01	0.02	0.01	0.5	0.1	0.01	1
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
(Aqua Regia) Meas																							
OREAS 130 (Aqua Regia) Cert																							
OREAS 521 (Aqua Regia) Meas																							
OREAS 521 (Aqua Regia) Cert																							
Oreas 620 (Aqua Regia) Meas																							
Oreas 620 (Aqua Regia) Cert																							
Oreas 620 (Aqua Regia) Meas																							
Oreas 620 (Aqua Regia) Cert																							
Oreas 610 (Aqua Regia) Meas																							
Oreas 610 (Aqua Regia) Cert																							
OREAS 603c (Aqua Regia) Meas																							
OREAS 603c (Aqua Regia) Cert																							
145234 Orig	0.5	0.268	1.86	3.1	2	34.5	0.10	0.36	0.74	12.3	21	0.31	14.7	1.5	0.7	3.2	1.77	4.56	0.02	34.1	0.2	0.05	311
145234 Dup	0.5	0.267	1.89	3.2	2	35.3	0.09	0.37	0.74	12.5	22	0.33	15.4	1.5	0.7	3.1	1.82	4.62	0.02	35.0	0.2	0.05	318
145275 Orig																							
145275 Dup																							
Method Blank																							
Method Blank																							
Method Blank	< 0.2	< 0.002	< 0.01	< 0.1	< 1	< 0.5	< 0.02	< 0.01	< 0.01	< 0.1	< 1	< 0.02	< 0.2	< 0.1	< 0.1	< 0.1	< 0.01	< 0.02	< 0.01	< 0.5	< 0.1	< 0.01	< 1
Method Blank																							
Method Blank	0.3	< 0.002	< 0.01	< 0.1	< 1	< 0.5	< 0.02	< 0.01	< 0.01	< 0.1	< 1	< 0.02	< 0.2	< 0.1	< 0.1	< 0.1	< 0.01	< 0.02	< 0.01	< 0.5	< 0.1	< 0.01	< 1
Method Blank																							
Method Blank																							

Analyte Symbol	Mo	Na	Ni	P	Pb	S	Sb	Sc	Se	Sr	Te	Th	Ti	Tl	Tm	U	W	V	Zn	Be	Ce	Ge	Hf
Unit Symbol	ppm	%	ppm	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.1	0.001	0.1	0.001	0.02	0.1	0.1	0.5	0.02	0.1	0.001	0.02	0.1	0.1	0.1	1	0.1	0.1	0.01	0.1	0.1
Method Code	AR-MS	AR-MS	AR-MS	AR-ICP	AR-MS	AR-ICP	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-ICP	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
OREAS 922 (Aqua Regia) Meas	0.75	0.022	35.3	0.063	58.7	0.375	0.36	3.2	5.6	15.1		15.5		0.18		2.2		30		0.7	72.9	0.3	< 0.1
OREAS 922 (Aqua Regia) Cert	0.69	0.021	34.3	0.063	60	0.386	0.57	3.15	3.44	15.0		14.5		0.14		1.98		29.4		0.65	63	0.10	0.61
OREAS 922 (Aqua Regia) Meas	0.70	0.022	35.1	0.064	60.8	0.370	0.36	3.6	3.7	15.7		15.6		0.20		2.2	0.8	32	250	0.7	72.7	0.3	< 0.1
OREAS 922 (Aqua Regia) Cert	0.69	0.021	34.3	0.063	60	0.386	0.57	3.15	3.44	15.0		14.5		0.14		1.98	1.12	29.4	256	0.65	63	0.10	0.61
OREAS 922 (Aqua Regia) Meas																	0.8		264				
OREAS 922 (Aqua Regia) Cert																	1.12		256				
OREAS 907 (Aqua Regia) Meas	5.39	0.089	5.0	0.024	34.4	0.064	1.81	2.2	10.4	12.5	0.32	9.0	0.021	0.16	< 0.1	2.3		5		0.9	77.6		0.2
OREAS 907 (Aqua Regia) Cert	5.64	0.0860	4.74	0.0240	34.1	0.0660	2.28	2.16	9.05	11.7	0.230	8.04	0.0170	0.120	0.0490	2.15		5.12		0.870	73.0		1.09
OREAS 907 (Aqua Regia) Meas																	0.5		144				
OREAS 907 (Aqua Regia) Cert																	0.980		139				
OREAS 45f (Aqua Regia) Meas				0.021		0.024							0.163										
OREAS 45f (Aqua Regia) Cert				0.0220		0.0270							0.0970										
OREAS 45f (Aqua Regia) Meas				0.022		0.024							0.127										
OREAS 45f (Aqua Regia) Cert				0.0220		0.0270							0.0970										
OREAS 45f (Aqua Regia) Meas				0.023		0.025							0.111										
OREAS 45f (Aqua Regia) Cert				0.0220		0.0270							0.0970										
OREAS 45f (Aqua Regia) Meas				0.021		0.023							0.105										
OREAS 45f (Aqua Regia) Cert				0.0220		0.0270							0.0970										
OREAS 263 (Aqua Regia) Meas				0.044		0.123																	
OREAS 263 (Aqua Regia) Cert				0.0410		0.126																	
OREAS 130 (Aqua Regia) Meas	8.56		34.5	0.090	1350	6.304	5.80	3.4		19.8	0.10	10.2	0.028	4.79		8.2	1.4	35	> 5000		49.7		0.8
OREAS 130 (Aqua Regia) Cert	8.25		35.2	0.0860	1300	6.02	4.69	3.42		23.2	0.170	10.3	0.0270	5.92		8.36	1.40	33.1	16900		54.0		0.610
OREAS 130 (Aqua Regia) Meas				0.088		6.161							0.027										
OREAS 130 (Aqua Regia) Cert				0.0860		6.02							0.0270										
OREAS 130																	1.2		> 5000				

Analyte Symbol	Mo	Na	Ni	P	Pb	S	Sb	Sc	Se	Sr	Te	Th	Ti	Tl	Tm	U	W	V	Zn	Be	Ce	Ge	Hf
Unit Symbol	ppm	%	ppm	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.1	0.001	0.1	0.001	0.02	0.1	0.1	0.5	0.02	0.1	0.001	0.02	0.1	0.1	0.1	1	0.1	0.1	0.01	0.1	0.1
Method Code	AR-MS	AR-MS	AR-MS	AR-ICP	AR-MS	AR-ICP	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-ICP	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
(Aqua Regia) Meas																							
OREAS 130 (Aqua Regia) Cert																	1.40		16900				
OREAS 521 (Aqua Regia) Meas				0.080		1.722							0.122										
OREAS 521 (Aqua Regia) Cert				0.081		1.850							0.141										
Oreas 620 (Aqua Regia) Meas				0.032		2.649																	
Oreas 620 (Aqua Regia) Cert				0.031		2.470																	
Oreas 620 (Aqua Regia) Meas				0.028		2.457																	
Oreas 620 (Aqua Regia) Cert				0.031		2.470																	
Oreas 610 (Aqua Regia) Meas				0.030		2.832																	
Oreas 610 (Aqua Regia) Cert				0.025		2.650																	
OREAS 603c (Aqua Regia) Meas																	2.8		> 5000				
OREAS 603c (Aqua Regia) Cert																	2.99		7860				
145234 Orig	5.63	0.019	10.2	0.107	16.7	0.186	0.07	1.3	4.0	20.7	< 0.02	1.1	0.051	0.22	0.2	62.1	0.4	40	90.4	0.8	76.4	0.3	< 0.1
145234 Dup	6.06	0.020	10.5	0.107	16.9	0.184	0.06	1.2	4.1	21.0	0.09	1.0	0.053	0.23	0.2	63.3	0.4	40	92.5	0.9	78.1	0.4	< 0.1
145275 Orig																	0.4		14.6				
145275 Dup																	0.3		14.7				
Method Blank				< 0.001		< 0.001							< 0.001										
Method Blank				< 0.001		< 0.001							< 0.001										
Method Blank	0.09	0.009	0.2	< 0.001	< 0.1	< 0.001	< 0.02	< 0.1	< 0.1	< 0.5	0.06	< 0.1	< 0.001	< 0.02	< 0.1	< 0.1		< 1		< 0.1	< 0.01	< 0.1	< 0.1
Method Blank																	< 0.1		< 0.1				
Method Blank	0.07	0.007	< 0.1	< 0.001	< 0.1	< 0.001	< 0.02	< 0.1	< 0.1	< 0.5	< 0.02	< 0.1	< 0.001	< 0.02	< 0.1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.01	< 0.1	< 0.1
Method Blank																	< 0.1		< 0.1				
Method Blank																	< 0.1		3.2				



Analyte Symbol	In	Li	Nb	Nd	Rb	Re	Sn	Sm	Ta	Tb	Y	Yb	Zr	Pt	Pr	Pd	Hg	Ho
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppb	ppb	ppm
Lower Limit	0.02	0.1	0.02	0.02	0.1	0.2	0.05	0.1	0.05	0.1	0.01	0.1	0.1	2	0.1	10	10	0.1
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
OREAS 922 (AQUA REGIA) Meas	0.26	21.3	0.34	30.7	22.3		6.12	6.2		0.7	18.8		0.8		8.1			
OREAS 922 (AQUA REGIA) Cert	0.24	22.8	0.35	27.5	22.7		3.83	4.98		0.62	16.0		22.3		7.33			
OREAS 922 (AQUA REGIA) Meas	0.26	20.2	0.44	32.1	25.1		5.62	6.6		0.7	20.5		1.3		8.5			
OREAS 922 (AQUA REGIA) Cert	0.24	22.8	0.35	27.5	22.7		3.83	4.98		0.62	16.0		22.3		7.33			
OREAS 922 (AQUA REGIA) Meas																		
OREAS 922 (AQUA REGIA) Cert																		
OREAS 907 (Aqua Regia) Meas	2.35	4.7		32.4	18.8		4.02	6.3		0.5	7.07	0.3	12.0		8.4			0.3
OREAS 907 (Aqua Regia) Cert	2.35	4.05		27.8	16.7		2.34	4.79		0.430	6.52	0.290	43.7		7.36			0.210
OREAS 907 (Aqua Regia) Meas																		
OREAS 907 (Aqua Regia) Cert																		
OREAS 45f (Aqua Regia) Meas																		
OREAS 45f (Aqua Regia) Cert																		
OREAS 45f (Aqua Regia) Meas																		
OREAS 45f (Aqua Regia) Cert																		
OREAS 45f (Aqua Regia) Meas																		
OREAS 45f (Aqua Regia) Cert																		
OREAS 45f (Aqua Regia) Meas																		
OREAS 45f (Aqua Regia) Cert																		
OREAS 45f (Aqua Regia) Meas																		
OREAS 45f (Aqua Regia) Cert																		
OREAS 263 (Aqua Regia) Meas																		
OREAS 263 (Aqua Regia) Cert																		
OREAS 130 (Aqua Regia) Meas	0.19	26.1			40.3						12.6		24.1		5.9		690	0.5
OREAS 130 (Aqua Regia) Cert	0.200	29.9			41.6						13.0		19.0		5.93		670	0.480
OREAS 130 (Aqua Regia) Meas																		
OREAS 130 (Aqua Regia) Cert																		
OREAS 130																		

Analyte Symbol	In	Li	Nb	Nd	Rb	Re	Sn	Sm	Ta	Tb	Y	Yb	Zr	Pt	Pr	Pd	Hg	Ho
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppb	ppb	ppm
Lower Limit	0.02	0.1	0.02	0.02	0.1	0.2	0.05	0.1	0.05	0.1	0.01	0.1	0.1	2	0.1	10	10	0.1
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
(Aqua Regia) Meas																		
OREAS 130 (Aqua Regia) Cert																		
OREAS 521 (Aqua Regia) Meas																		
OREAS 521 (Aqua Regia) Cert																		
Oreas 620 (Aqua Regia) Meas																		
Oreas 620 (Aqua Regia) Cert																		
Oreas 620 (Aqua Regia) Meas																		
Oreas 620 (Aqua Regia) Cert																		
Oreas 610 (Aqua Regia) Meas																		
Oreas 610 (Aqua Regia) Cert																		
OREAS 603c (Aqua Regia) Meas																		
OREAS 603c (Aqua Regia) Cert																		
145234 Orig	< 0.02	1.8	2.19	33.4	1.7	2.9	0.51	6.1	< 0.05	0.6	13.9	1.1	0.4	< 2	8.7	< 10	120	0.6
145234 Dup	0.02	1.9	2.30	33.6	1.8	3.2	0.52	6.3	< 0.05	0.6	14.5	1.1	0.2	< 2	8.8	< 10	100	0.6
145275 Orig																		
145275 Dup																		
Method Blank																		
Method Blank																		
Method Blank	< 0.02	< 0.1	< 0.02	< 0.02	< 0.1	< 0.2	< 0.05	< 0.1	< 0.05	< 0.1	< 0.01	< 0.1	< 0.1	< 2	< 0.1	< 10	< 10	< 0.1
Method Blank																		
Method Blank	< 0.02	< 0.1	< 0.02	< 0.02	< 0.1	< 0.2	< 0.05	< 0.1	< 0.05	< 0.1	< 0.01	< 0.1	0.2	< 2	< 0.1	< 10	< 10	< 0.1
Method Blank																		
Method Blank																		