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To: AURORA GEOSCIENCES LTD.
 3506 MCDONALD DRIVE
 YELLOWKNIFE NT X1A 2H1

Page: 1
 Total # Pages: 6 (A - D)
 Plus Appendix Pages
 Finalized Date: 7-OCT-2021
 Account: AURGEO

CERTIFICATE WH21238426

Project: GEX

This report is for 182 samples of Soil submitted to our lab in Whitehorse, YT, Canada on 7-SEP-2021.

The following have access to data associated with this certificate:

JESSE GRADY	GRAYDON KOWAL	CARL SCHULZE
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SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA25	Ore Grade Au 30g FA AA finish	AAS
ME-MS41	Ultra Trace Aqua Regia ICP-MS	

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 
 Saa Traxler, General Manager, North Vancouver



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CERTIFICATE OF ANALYSIS WH21238426

Sample Description	Method Analyte Units LOD	WEI-21	Au-AA25	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	Au ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm
Y646151		0.27	<0.01	0.13	1.05	9.5	<0.02	<10	110	0.28	0.25	1.44	0.27	33.4	11.2	20
Y646152		0.44	<0.01	0.13	1.02	7.7	<0.02	<10	90	0.26	0.22	0.94	0.21	34.9	9.9	20
Y646153		0.49	<0.01	0.14	1.08	7.4	<0.02	<10	110	0.28	0.25	1.01	0.27	37.7	10.5	20
Y646154		0.34	<0.01	0.14	1.10	8.4	<0.02	<10	120	0.31	0.25	1.15	0.27	37.5	11.1	21
Y646155		0.52	<0.01	0.09	0.97	9.8	<0.02	<10	110	0.27	0.22	0.69	0.28	39.0	14.6	19
Y646156		0.43	<0.01	0.15	1.25	10.2	<0.02	<10	160	0.39	0.29	1.19	0.36	37.9	12.5	22
Y646157		0.46	<0.01	0.17	1.37	12.5	<0.02	<10	160	0.43	0.27	0.62	0.15	42.2	13.7	26
Y646158		0.35	<0.01	0.15	1.22	12.2	<0.02	<10	140	0.36	0.26	1.15	0.25	37.9	12.4	23
Y646159		0.58	<0.01	0.06	1.95	11.4	<0.02	<10	160	0.46	0.25	0.09	0.12	29.7	10.5	28
Y646160		0.35	<0.01	0.09	0.71	6.9	<0.02	<10	100	0.27	0.18	1.08	0.16	29.2	9.9	18
Y646161		0.38	<0.01	0.07	0.97	9.5	<0.02	<10	120	0.30	0.18	0.63	0.28	40.5	11.4	19
Y646162		0.39	<0.01	0.14	1.09	9.2	<0.02	<10	170	0.33	0.23	0.75	0.28	33.5	8.4	21
Y646163		0.37	<0.01	0.12	1.12	9.7	<0.02	<10	130	0.34	0.26	0.64	0.19	47.0	12.1	21
Y646164		0.54	<0.01	0.04	1.07	8.8	<0.02	<10	110	0.29	0.20	0.25	0.11	35.4	9.8	20
Y646165		0.42	<0.01	0.12	1.16	8.5	<0.02	<10	130	0.31	0.24	0.77	0.27	37.8	10.7	21
Y646166		0.50	<0.01	0.05	1.41	13.7	<0.02	<10	150	0.46	0.31	0.31	0.13	39.3	16.3	23
Y646167		0.38	<0.01	0.11	1.00	10.4	<0.02	<10	110	0.30	0.22	1.04	0.23	36.6	11.4	19
Y646168		0.36	<0.01	0.10	0.84	7.9	<0.02	<10	80	0.25	0.19	1.23	0.20	34.1	9.0	16
Y646169		0.27	<0.01	0.11	0.88	11.1	<0.02	<10	90	0.27	0.22	1.41	0.24	34.1	10.6	17
Y646170		0.39	<0.01	0.11	0.93	12.6	<0.02	<10	90	0.32	0.24	1.27	0.23	35.3	11.1	17
Y646171		0.34	<0.01	0.13	0.92	13.3	<0.02	<10	90	0.27	0.25	1.14	0.24	37.6	11.2	18
Y646172		0.31	<0.01	0.09	1.04	9.4	<0.02	<10	120	0.33	0.21	0.94	0.31	37.0	11.3	20
Y646173		0.44	<0.01	0.10	1.13	8.6	<0.02	<10	150	0.36	0.25	0.66	0.27	43.8	11.3	22
Y646174		0.46	<0.01	0.10	1.07	9.2	<0.02	<10	120	0.32	0.24	0.69	0.24	45.0	11.3	20
Y646175		0.34	<0.01	0.11	1.14	7.5	<0.02	<10	130	0.35	0.25	0.64	0.22	42.9	12.1	22
Y646176		0.29	<0.01	0.16	1.19	10.8	<0.02	<10	160	0.35	0.22	0.96	0.40	45.3	15.7	23
Y646177		0.38	0.03	0.14	1.47	10.6	<0.02	<10	160	0.49	0.35	1.26	0.22	41.5	17.0	21
Y646178		0.46	<0.01	0.04	1.53	12.8	<0.02	<10	160	0.41	0.25	0.20	0.08	25.5	6.6	23
Y646179		0.28	<0.01	0.24	0.42	4.6	<0.02	<10	150	0.18	0.14	4.89	0.69	19.60	8.0	6
Y646180		0.36	<0.01	0.15	1.59	9.4	<0.02	<10	140	0.44	0.38	3.41	0.71	50.5	18.4	17
Y646181		0.31	<0.01	0.09	1.32	19.6	<0.02	<10	150	0.29	0.26	1.65	0.34	34.1	23.5	15
Y646267		0.35	<0.01	0.46	1.32	8.8	<0.02	<10	130	0.71	0.18	0.56	0.74	33.6	15.0	25
Y646268		0.26	<0.01	0.37	1.20	7.4	<0.02	<10	130	0.59	0.18	0.54	0.53	26.6	10.1	24
Y646269		0.40	<0.01	0.16	1.27	6.8	<0.02	<10	150	0.47	0.19	0.49	0.86	31.2	9.8	22
Y646270		0.36	<0.01	0.11	1.74	7.1	<0.02	<10	180	0.73	0.20	0.31	0.33	44.5	33.5	24
Y646271		0.34	<0.01	0.12	1.46	7.0	<0.02	<10	150	0.45	0.23	0.49	0.36	32.9	13.4	24
Y646272		0.40	<0.01	0.11	1.34	8.0	<0.02	<10	140	0.43	0.21	0.48	0.39	35.9	12.4	24
Y646273		0.51	<0.01	0.05	0.97	4.5	<0.02	<10	120	0.26	0.15	0.25	0.20	36.4	6.7	18
Y646274		0.50	0.01	0.09	1.15	7.9	<0.02	<10	180	0.37	0.19	0.45	0.35	41.1	11.8	21
Y646275		0.58	<0.01	0.09	1.25	13.0	<0.02	<10	140	0.41	0.20	0.42	0.42	43.0	15.1	24



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Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
		0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
Y646151		1.12	27.8	2.50	3.09	0.06	0.03	0.05	0.018	0.08	16.9	14.9	0.45	686	0.78	0.01
Y646152		1.08	24.6	2.42	2.99	0.05	0.03	0.03	0.015	0.09	17.4	14.6	0.44	345	0.66	<0.01
Y646153		1.12	28.7	2.56	3.17	0.06	0.03	0.03	0.017	0.09	19.1	15.4	0.45	564	0.74	<0.01
Y646154		1.13	33.4	2.41	3.28	0.05	0.02	0.04	0.017	0.10	18.9	15.9	0.46	678	0.61	<0.01
Y646155		1.02	21.8	2.69	2.94	0.06	0.02	0.02	0.014	0.08	19.0	13.9	0.42	929	0.69	<0.01
Y646156		1.20	39.0	2.71	3.67	0.05	0.03	0.04	0.022	0.10	18.6	18.4	0.54	471	0.81	<0.01
Y646157		1.07	35.2	2.91	4.13	0.05	0.02	0.03	0.020	0.09	20.5	23.0	0.51	552	0.88	<0.01
Y646158		1.09	30.2	2.70	3.54	0.05	0.03	0.05	0.019	0.08	18.9	19.4	0.50	697	0.83	0.01
Y646159		0.90	16.2	3.31	5.05	<0.05	0.07	0.02	0.028	0.04	14.7	17.4	0.31	186	1.18	<0.01
Y646160		0.41	30.4	2.75	2.27	0.05	<0.02	0.03	0.014	0.03	17.6	8.7	0.16	657	1.51	<0.01
Y646161		1.02	22.5	2.51	2.93	0.06	0.02	0.03	0.015	0.09	20.2	17.8	0.43	705	0.66	<0.01
Y646162		0.70	20.1	2.18	3.30	0.05	0.03	0.07	0.023	0.05	16.7	14.4	0.38	199	0.93	<0.01
Y646163		1.19	27.3	2.68	3.38	0.07	0.02	0.04	0.018	0.08	24.8	16.6	0.42	490	0.74	<0.01
Y646164		0.82	18.1	2.41	3.11	0.05	0.03	0.01	0.017	0.06	17.2	15.1	0.39	347	0.61	<0.01
Y646165		1.34	29.3	2.39	3.47	0.05	0.03	0.04	0.020	0.07	19.4	18.6	0.43	265	0.67	<0.01
Y646166		0.79	49.8	3.68	3.55	0.05	0.03	0.02	0.027	0.04	18.7	16.5	0.37	288	1.49	<0.01
Y646167		0.90	23.4	2.39	3.04	0.05	0.02	0.03	0.020	0.07	17.4	17.1	0.41	324	0.60	<0.01
Y646168		0.70	25.8	2.06	2.46	<0.05	0.02	0.03	0.013	0.06	17.3	13.3	0.35	367	0.37	<0.01
Y646169		0.84	28.8	2.40	2.61	0.05	0.02	0.03	0.017	0.06	17.5	14.1	0.37	527	0.63	<0.01
Y646170		0.88	28.4	2.55	2.73	0.06	0.03	0.03	0.020	0.06	17.6	14.9	0.39	530	0.76	<0.01
Y646171		0.92	29.1	2.68	2.75	0.05	0.03	0.02	0.019	0.06	19.1	14.6	0.38	505	0.75	0.01
Y646172		1.11	25.2	2.44	3.17	0.06	0.02	0.04	0.017	0.08	19.0	19.3	0.47	649	0.74	0.01
Y646173		1.23	31.1	2.72	3.35	0.06	0.03	0.04	0.017	0.11	21.6	17.6	0.47	589	0.70	<0.01
Y646174		1.19	26.8	2.64	3.27	0.06	0.03	0.02	0.017	0.10	22.8	17.4	0.45	501	0.67	0.01
Y646175		1.37	32.8	2.65	3.37	0.05	0.02	0.03	0.017	0.11	22.9	18.0	0.47	498	0.57	0.01
Y646176		1.30	31.0	3.30	3.55	0.06	0.02	0.03	0.017	0.10	22.2	17.7	0.46	2410	0.97	0.01
Y646177		1.44	44.2	4.38	4.19	0.07	0.03	0.04	0.031	0.03	18.4	15.3	0.33	592	1.71	0.01
Y646178		1.00	11.4	2.68	5.12	<0.05	0.03	0.03	0.024	0.03	12.6	15.2	0.27	144	1.43	0.01
Y646179		0.27	32.4	1.62	0.92	<0.05	0.03	0.07	0.018	0.02	10.4	2.1	0.14	796	0.53	0.01
Y646180		0.93	38.4	4.10	3.76	0.08	0.05	0.03	0.041	0.02	19.7	11.6	0.19	1320	1.39	0.02
Y646181		0.78	71.1	4.86	3.54	0.07	0.03	0.02	0.046	0.02	18.5	14.0	0.22	761	1.10	0.01
Y646267		1.30	26.4	1.99	3.62	0.11	<0.02	0.03	0.015	0.09	34.6	31.7	0.37	1220	0.77	0.01
Y646268		1.39	24.6	2.01	3.59	0.12	0.02	0.04	0.013	0.11	33.8	28.6	0.37	831	0.73	0.01
Y646269		1.59	21.6	2.24	3.97	0.06	<0.02	0.04	0.016	0.09	21.6	28.2	0.44	849	0.76	0.01
Y646270		1.82	19.8	2.94	4.67	0.07	0.02	0.04	0.022	0.14	20.0	37.7	0.51	737	0.62	0.01
Y646271		1.91	26.8	2.71	4.45	0.06	0.02	0.03	0.017	0.15	17.3	31.1	0.59	550	0.56	0.01
Y646272		1.57	23.7	2.64	4.13	0.07	<0.02	0.05	0.016	0.12	19.5	30.3	0.54	420	0.62	0.01
Y646273		0.85	15.8	1.70	3.03	0.06	0.02	0.02	0.012	0.07	17.4	17.1	0.39	174	0.51	0.01
Y646274		0.88	19.2	2.32	3.56	0.07	<0.02	0.04	0.016	0.07	19.5	20.5	0.46	922	0.77	0.01
Y646275		1.47	23.7	2.67	3.91	0.07	0.02	0.04	0.020	0.10	20.9	27.7	0.52	858	0.70	0.01



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		Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
		ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
Y646151		0.85	24.5	540	19.4	11.3	0.002	0.09	0.45	2.0	0.9	0.2	65.8	<0.01	0.04	3.0
Y646152		0.92	22.3	490	17.5	13.0	0.002	0.06	0.39	2.0	0.5	0.2	43.6	<0.01	0.03	3.8
Y646153		0.91	23.8	530	20.0	11.3	0.002	0.07	0.46	2.1	0.5	0.2	46.2	<0.01	0.04	4.2
Y646154		0.88	28.0	540	18.3	12.9	0.003	0.07	0.47	2.1	0.5	0.2	53.4	<0.01	0.04	4.2
Y646155		0.98	24.6	490	18.6	10.7	0.002	0.05	0.42	1.9	0.2	0.2	32.3	<0.01	0.03	5.6
Y646156		1.02	31.6	640	18.0	11.4	0.003	0.11	0.58	2.6	0.7	0.3	61.7	<0.01	0.05	4.0
Y646157		0.88	32.5	620	17.2	12.0	<0.001	0.02	0.45	2.9	0.3	0.3	33.8	<0.01	0.05	4.9
Y646158		0.89	29.8	660	16.6	11.9	<0.001	0.07	0.51	2.3	0.4	0.2	54.7	<0.01	0.05	3.5
Y646159		1.39	24.3	190	17.8	9.8	0.001	0.02	0.61	2.8	0.3	0.5	8.7	<0.01	0.06	5.7
Y646160		0.50	25.4	400	13.1	4.2	<0.001	0.04	0.41	1.7	0.3	0.2	45.3	<0.01	0.05	3.0
Y646161		0.99	25.9	490	13.0	12.9	<0.001	0.05	0.36	1.9	0.5	0.2	28.8	<0.01	0.03	4.7
Y646162		0.86	20.2	770	13.5	6.8	<0.001	0.04	0.50	2.7	0.8	0.3	38.9	<0.01	0.03	3.9
Y646163		1.00	25.7	590	19.3	11.5	<0.001	0.03	0.43	2.4	0.4	0.3	32.5	<0.01	0.03	5.8
Y646164		0.92	22.7	580	11.1	7.9	<0.001	0.01	0.43	2.1	<0.2	0.4	15.8	<0.01	0.03	5.2
Y646165		0.99	27.0	560	15.6	9.8	0.002	0.07	0.43	2.4	0.7	0.3	40.3	<0.01	0.04	4.1
Y646166		0.86	40.3	460	14.6	7.9	<0.001	0.02	0.67	2.8	0.4	0.3	17.7	<0.01	0.10	5.2
Y646167		0.86	24.0	490	17.2	9.6	0.001	0.05	0.40	2.1	0.6	0.2	47.6	<0.01	0.03	4.0
Y646168		0.74	20.6	440	12.3	7.8	0.002	0.06	0.33	1.6	0.6	0.2	53.6	<0.01	0.04	3.5
Y646169		0.72	23.2	490	15.0	8.5	0.001	0.07	0.40	1.8	0.7	0.2	63.6	<0.01	0.04	3.1
Y646170		0.76	23.6	530	15.7	9.3	0.002	0.07	0.42	1.9	0.9	0.2	57.9	<0.01	0.05	2.9
Y646171		0.74	25.1	600	14.8	9.6	0.001	0.06	0.41	1.9	0.6	0.2	54.8	<0.01	0.06	3.5
Y646172		0.99	25.8	630	12.6	13.4	0.001	0.06	0.41	2.1	0.4	0.2	45.9	<0.01	0.04	3.5
Y646173		1.01	27.6	610	15.7	14.8	<0.001	0.04	0.50	2.4	0.2	0.2	27.1	<0.01	0.03	5.4
Y646174		1.05	26.2	550	15.6	14.2	<0.001	0.04	0.47	2.3	0.2	0.2	29.4	<0.01	0.05	5.6
Y646175		1.12	28.2	580	18.2	15.5	<0.001	0.05	0.46	2.4	0.6	0.2	27.7	<0.01	0.03	6.2
Y646176		0.95	32.6	670	18.1	15.0	0.001	0.07	0.54	2.3	0.7	0.2	46.4	<0.01	0.04	4.1
Y646177		0.76	39.5	460	12.9	7.0	<0.001	0.03	0.69	3.6	0.7	0.4	65.1	<0.01	0.14	4.4
Y646178		1.15	17.2	160	14.2	9.2	<0.001	0.02	0.68	2.1	0.3	0.6	15.6	<0.01	0.04	3.6
Y646179		0.16	18.9	840	4.8	1.7	<0.001	0.12	0.28	0.8	0.9	<0.2	185.5	<0.01	0.05	0.4
Y646180		0.60	35.8	470	24.7	4.8	<0.001	0.04	0.61	6.3	0.7	0.3	116.0	0.01	0.17	4.1
Y646181		0.55	40.9	460	14.5	5.0	<0.001	0.04	0.64	4.8	1.0	0.3	82.9	0.01	0.16	3.5
Y646267		0.45	34.6	1310	11.1	12.2	<0.001	0.11	0.44	1.0	1.1	0.3	38.2	<0.01	0.02	0.4
Y646268		0.47	30.9	1000	10.3	15.4	<0.001	0.10	0.42	0.9	<0.2	0.3	34.1	<0.01	0.02	0.2
Y646269		0.54	25.6	820	9.2	16.6	<0.001	0.08	0.41	1.1	0.4	0.3	30.6	<0.01	0.05	0.6
Y646270		0.84	29.8	760	14.0	20.6	<0.001	0.05	0.32	1.8	0.2	0.4	19.0	<0.01	0.03	1.2
Y646271		1.07	29.0	650	10.1	23.9	<0.001	0.05	0.43	2.5	0.2	0.4	26.2	<0.01	0.02	3.2
Y646272		1.04	29.6	700	11.8	20.5	<0.001	0.05	0.46	2.5	0.4	0.4	26.1	<0.01	0.04	3.2
Y646273		0.79	19.4	630	8.0	9.8	<0.001	0.02	0.43	1.9	<0.2	0.2	14.4	<0.01	0.02	4.7
Y646274		0.73	26.1	660	9.0	10.4	<0.001	0.04	0.41	2.4	0.4	0.3	21.4	<0.01	0.03	3.9
Y646275		0.96	33.0	670	11.4	18.8	<0.001	0.04	0.40	2.4	<0.2	0.3	24.2	<0.01	0.05	4.0



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CERTIFICATE OF ANALYSIS WH21238426

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
		Ti %	Ti ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
		0.005	0.02	0.05	1	0.05	0.05	2	0.5
Y646151		0.026	0.11	2.12	23	0.08	7.76	95	1.1
Y646152		0.030	0.11	1.53	23	0.07	6.84	90	0.9
Y646153		0.029	0.12	1.95	23	0.06	7.85	93	1.0
Y646154		0.027	0.13	1.85	24	0.06	7.05	98	1.1
Y646155		0.032	0.13	0.93	23	0.08	6.00	87	1.0
Y646156		0.026	0.14	1.83	26	0.09	9.18	99	1.4
Y646157		0.031	0.12	0.92	31	0.13	7.49	90	0.8
Y646158		0.026	0.11	1.52	27	0.07	7.87	93	1.1
Y646159		0.040	0.12	0.51	56	0.19	2.99	62	2.8
Y646160		0.021	0.05	1.44	22	0.09	9.56	39	<0.5
Y646161		0.035	0.11	0.98	23	0.07	6.66	79	0.8
Y646162		0.030	0.12	2.01	35	0.13	7.61	84	1.2
Y646163		0.035	0.13	1.28	27	0.12	8.33	85	0.8
Y646164		0.041	0.10	0.66	30	0.13	5.52	65	1.1
Y646165		0.031	0.13	1.80	25	0.06	7.84	92	0.9
Y646166		0.028	0.11	0.67	38	0.21	7.25	68	2.0
Y646167		0.026	0.09	0.97	23	0.07	7.07	88	1.1
Y646168		0.026	0.18	1.38	20	0.06	6.20	79	1.0
Y646169		0.023	0.09	1.62	20	0.08	7.33	86	1.0
Y646170		0.024	0.09	1.94	21	0.09	7.77	91	0.9
Y646171		0.026	0.09	1.14	22	0.15	6.74	101	0.9
Y646172		0.034	0.12	1.86	24	0.07	7.55	94	0.8
Y646173		0.037	0.15	0.97	27	0.08	7.89	89	1.0
Y646174		0.036	0.13	1.08	26	0.07	7.72	84	1.0
Y646175		0.037	0.16	1.51	25	0.08	8.18	93	1.1
Y646176		0.032	0.15	2.27	27	0.07	8.07	95	0.7
Y646177		0.019	0.08	2.23	38	0.25	15.50	98	0.9
Y646178		0.033	0.14	0.44	53	0.22	2.67	58	1.2
Y646179		0.005	0.02	1.42	6	<0.05	15.25	40	0.8
Y646180		0.018	0.06	0.70	29	0.19	35.7	72	1.1
Y646181		0.013	0.06	1.02	31	0.19	27.1	101	0.7
Y646267		0.019	0.15	5.97	23	0.12	21.3	89	<0.5
Y646268		0.020	0.14	4.39	24	0.13	19.75	77	<0.5
Y646269		0.026	0.17	1.73	26	0.15	10.55	76	<0.5
Y646270		0.034	0.20	0.98	31	0.12	9.99	104	<0.5
Y646271		0.042	0.20	1.39	28	0.11	6.87	96	<0.5
Y646272		0.038	0.17	1.72	28	0.11	7.82	96	0.6
Y646273		0.035	0.09	0.61	23	0.12	5.41	70	0.5
Y646274		0.032	0.11	0.78	28	0.16	6.80	86	0.5
Y646275		0.037	0.15	1.40	28	0.10	8.30	99	0.5



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Sample Description	Method Analyte Units LOD	WEI-21	Au-AA25	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	Au ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm
Y646276		0.54	<0.01	0.07	1.01	9.6	<0.02	<10	120	0.35	0.18	0.39	0.35	42.9	12.5	20
Y646277		0.43	<0.01	0.11	1.18	12.4	<0.02	<10	160	0.39	0.22	0.63	0.38	36.6	13.4	22
Y646301		0.45	<0.01	0.07	1.06	4.9	<0.02	<10	110	0.33	0.20	0.55	0.14	34.7	10.5	18
Y646302		0.52	<0.01	0.09	1.02	6.5	<0.02	<10	120	0.31	0.21	0.62	0.21	38.6	10.6	18
Y646303		0.44	<0.01	0.11	1.17	8.1	<0.02	<10	140	0.39	0.24	0.75	0.22	39.0	12.9	22
Y646304		0.44	<0.01	0.13	1.14	7.8	<0.02	<10	120	0.35	0.22	0.59	0.27	38.0	11.3	21
Y646305		0.52	<0.01	0.15	1.17	8.2	<0.02	<10	130	0.36	0.26	0.74	0.23	41.1	12.7	22
Y646306		0.36	<0.01	0.16	1.16	8.6	<0.02	<10	120	0.38	0.27	0.90	0.24	42.8	11.7	22
Y646307		0.44	<0.01	0.13	1.21	13.8	<0.02	<10	130	0.35	0.30	1.18	0.25	40.6	13.0	22
Y646308		0.55	<0.01	0.16	1.22	10.8	<0.02	<10	140	0.33	0.27	1.16	0.24	41.6	13.3	22
Y646309		0.40	<0.01	0.12	0.92	11.9	<0.02	<10	100	0.25	0.22	0.77	0.19	32.9	11.2	16
Y646310		0.48	<0.01	0.22	0.97	34.8	<0.02	<10	130	0.34	0.24	1.74	0.31	37.6	15.5	18
Y646311		0.30	<0.01	0.14	0.74	14.4	<0.02	<10	110	0.26	0.23	2.56	0.34	26.1	10.8	13
Y646312		0.51	<0.01	0.21	1.02	13.9	<0.02	<10	130	0.35	0.34	5.89	0.29	44.7	20.5	13
Y646313		0.24	0.01	0.13	0.86	15.9	<0.02	<10	120	0.30	0.29	3.02	0.25	32.3	16.4	11
Y646314		0.26	<0.01	0.08	0.33	30.0	<0.02	<10	60	0.14	0.18	6.18	0.26	23.2	10.7	5
Y646315		0.23	NSS	0.20	0.93	5.5	<0.02	<10	170	0.93	0.18	2.97	0.44	103.0	12.0	10
Y646316		0.35	<0.01	0.13	1.15	9.1	<0.02	<10	110	0.31	0.25	0.98	0.29	32.8	11.7	21
Y646317		0.40	<0.01	0.10	0.92	8.3	<0.02	<10	100	0.30	0.22	1.26	0.31	32.4	10.9	18
Y646318		0.43	<0.01	0.10	0.91	8.6	<0.02	<10	100	0.28	0.21	1.04	0.31	32.4	11.1	17
Y646319		0.32	<0.01	0.12	1.01	10.0	<0.02	<10	130	0.32	0.22	1.19	0.27	31.8	11.7	19
Y646320		0.29	<0.01	0.15	1.13	8.2	<0.02	<10	140	0.36	0.25	0.98	0.31	32.9	10.1	21
Y646321		0.40	<0.01	0.08	0.76	6.1	<0.02	<10	90	0.21	0.18	0.51	0.24	33.7	7.5	15
Y646322		0.40	<0.01	0.13	0.98	13.7	<0.02	<10	150	0.30	0.24	0.90	0.33	32.3	13.5	18
Y646323		0.36	<0.01	0.12	1.06	17.5	<0.02	<10	130	0.34	0.26	0.96	0.22	31.8	11.7	19
Y646324		0.40	<0.01	0.10	0.89	10.4	<0.02	<10	100	0.27	0.21	0.93	0.23	32.9	9.4	17
Y646325		0.57	<0.01	0.10	1.02	9.5	<0.02	<10	130	0.31	0.22	0.49	0.20	34.7	11.3	20
Y646326		0.67	<0.01	0.04	1.35	12.6	<0.02	<10	200	0.44	0.24	0.15	0.08	35.1	8.9	24
Y646327		0.47	<0.01	0.06	1.27	11.7	<0.02	<10	170	0.37	0.27	0.27	0.14	36.4	11.0	23
Y646328		0.55	<0.01	0.11	1.10	8.7	<0.02	<10	110	0.34	0.26	1.44	0.15	45.5	11.8	19
Y646329		0.50	<0.01	0.11	0.95	7.3	<0.02	<10	100	0.24	0.21	1.29	0.24	38.9	11.0	18
Y646330		0.72	<0.01	0.07	0.84	6.1	<0.02	<10	80	0.24	0.16	0.43	0.16	38.8	8.6	15
Y646331		0.49	<0.01	0.10	0.99	11.8	<0.02	<10	100	0.34	0.36	1.02	0.21	50.7	18.2	17
Y646351		0.36	<0.01	0.13	0.99	9.5	<0.02	<10	90	0.32	0.24	1.22	0.29	34.9	11.1	20
Y646352		0.29	<0.01	0.15	1.12	10.9	<0.02	<10	110	0.38	0.27	1.40	0.25	32.9	12.3	21
Y646353		0.42	<0.01	0.15	1.04	12.3	<0.02	<10	110	0.32	0.26	1.21	0.25	33.3	11.7	19
Y646354		0.35	<0.01	0.13	0.97	9.4	<0.02	<10	100	0.29	0.23	1.25	0.25	28.8	10.1	19
Y646355		0.42	<0.01	0.11	0.81	8.9	<0.02	<10	70	0.24	0.21	0.90	0.22	33.0	9.4	16
Y646356		0.42	<0.01	0.12	0.91	10.2	<0.02	<10	100	0.29	0.24	0.77	0.23	34.6	10.7	17
Y646357		0.36	<0.01	0.15	1.06	7.7	<0.02	<10	140	0.32	0.22	1.20	0.43	31.0	11.3	19



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Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
		0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
Y646276		1.06	21.7	2.25	3.27	0.08	0.02	0.03	0.014	0.07	20.4	20.8	0.42	571	0.71	0.01
Y646277		1.14	26.5	2.64	3.59	0.07	0.02	0.04	0.017	0.08	19.3	22.6	0.51	877	0.81	0.01
Y646301		1.49	23.4	2.36	3.29	0.06	0.03	0.01	0.013	0.14	17.6	17.6	0.44	650	0.42	0.01
Y646302		1.30	25.3	2.48	3.20	0.06	0.03	0.03	0.013	0.12	19.0	16.3	0.44	508	0.55	0.01
Y646303		1.37	36.2	2.72	3.76	0.07	0.04	0.04	0.019	0.13	19.7	19.4	0.50	606	0.83	0.01
Y646304		1.41	30.5	2.60	3.54	0.07	0.03	0.03	0.018	0.12	19.3	18.6	0.47	469	0.71	0.01
Y646305		1.37	29.4	2.70	3.67	0.07	0.03	0.03	0.020	0.12	20.4	18.8	0.48	553	0.65	0.01
Y646306		1.35	29.7	2.64	3.62	0.09	0.03	0.04	0.020	0.10	23.2	18.7	0.45	494	0.63	0.01
Y646307		1.28	40.0	2.91	3.79	0.06	0.03	0.04	0.016	0.10	21.1	19.8	0.50	688	0.76	0.01
Y646308		1.41	38.4	2.91	3.69	0.09	0.02	0.04	0.019	0.10	21.4	19.4	0.52	643	0.74	0.01
Y646309		0.85	28.9	2.46	2.84	0.06	0.03	0.03	0.020	0.05	16.3	13.2	0.36	445	1.01	0.01
Y646310		0.94	60.9	3.25	2.94	0.06	0.04	0.05	0.024	0.05	20.4	13.3	0.41	569	1.05	0.02
Y646311		0.78	37.9	2.36	2.29	0.07	0.02	0.04	0.023	0.04	12.9	9.9	0.31	504	0.94	0.01
Y646312		1.58	107.5	3.51	2.74	0.07	0.07	0.05	0.043	0.04	21.7	11.2	0.44	715	2.02	0.02
Y646313		0.74	44.7	3.37	2.26	0.05	0.03	0.07	0.037	0.03	13.7	8.0	0.18	863	0.80	0.02
Y646314		0.38	33.3	2.23	0.86	0.05	0.02	0.06	0.025	0.01	10.1	2.4	0.31	813	0.78	0.02
Y646315		1.27	101.5	1.30	2.96	0.42	0.05	0.11	0.012	0.02	167.5	5.6	0.17	1680	1.10	0.01
Y646316		1.09	27.3	2.60	3.52	0.07	0.04	0.04	0.018	0.10	15.4	17.7	0.51	765	0.75	0.01
Y646317		1.05	25.7	2.30	2.86	0.06	0.03	0.06	0.016	0.07	16.8	15.4	0.53	640	0.74	0.01
Y646318		1.01	26.3	2.35	2.89	0.07	0.03	0.04	0.020	0.07	17.0	14.5	0.49	715	0.65	0.01
Y646319		1.09	28.5	2.38	3.14	0.06	0.03	0.04	0.018	0.06	16.5	15.6	0.44	689	0.75	0.01
Y646320		1.07	33.2	2.01	3.40	0.06	0.03	0.03	0.021	0.07	16.5	16.4	0.46	384	0.57	0.01
Y646321		0.75	23.8	1.32	2.34	<0.05	0.02	0.03	0.013	0.04	16.3	11.7	0.33	161	0.42	<0.01
Y646322		1.00	31.0	2.67	2.96	0.06	0.04	0.04	0.017	0.06	15.7	14.8	0.40	671	0.74	<0.01
Y646323		0.96	30.2	2.56	3.04	0.05	0.04	0.04	0.018	0.06	16.1	16.2	0.42	767	0.69	0.01
Y646324		0.82	25.0	2.16	2.64	0.05	0.02	0.20	0.017	0.05	16.4	14.7	0.39	421	0.54	0.01
Y646325		1.07	19.2	2.48	3.09	0.05	0.03	0.03	0.016	0.07	16.9	18.7	0.44	335	0.64	0.01
Y646326		0.68	28.8	2.70	3.86	0.06	0.06	0.03	0.024	0.03	19.3	14.4	0.38	303	0.98	<0.01
Y646327		0.76	18.0	2.63	3.75	<0.05	0.02	0.02	0.025	0.04	16.2	17.2	0.40	420	1.10	<0.01
Y646328		0.99	31.3	2.87	3.11	0.06	0.03	0.05	0.023	0.06	23.5	15.7	0.38	517	0.68	<0.01
Y646329		1.17	23.3	2.31	2.95	0.06	0.03	0.03	0.018	0.07	19.6	16.0	0.40	694	0.52	<0.01
Y646330		1.13	20.2	2.05	2.72	0.06	0.02	0.02	0.014	0.05	19.5	14.2	0.35	174	0.46	<0.01
Y646331		0.72	50.6	3.74	2.84	0.06	0.04	0.03	0.023	0.05	25.1	12.7	0.54	782	1.15	<0.01
Y646351		1.04	32.4	2.62	3.01	0.06	0.03	0.03	0.020	0.07	16.9	16.4	0.48	617	0.91	0.01
Y646352		1.15	31.7	2.77	3.18	0.05	0.03	0.04	0.022	0.09	16.2	18.2	0.51	545	0.71	0.01
Y646353		1.05	30.7	2.89	3.04	0.05	0.03	0.03	0.022	0.08	17.3	16.6	0.53	881	0.77	0.01
Y646354		1.11	29.8	2.40	2.91	<0.05	0.03	0.04	0.020	0.07	15.4	15.6	0.47	626	0.65	<0.01
Y646355		0.98	24.4	2.26	2.47	0.05	0.02	0.03	0.017	0.07	16.8	13.1	0.43	346	0.57	<0.01
Y646356		0.99	26.2	2.55	2.61	0.05	0.03	0.03	0.015	0.06	17.8	13.6	0.38	436	0.73	<0.01
Y646357		1.00	34.1	2.14	3.08	0.05	0.04	0.05	0.017	0.08	14.6	16.2	0.46	1090	0.57	<0.01



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Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
		ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
Y646276		0.89	28.3	630	9.9	12.7	<0.001	0.03	0.39	2.2	<0.2	0.3	21.9	<0.01	0.04	4.7
Y646277		0.85	30.9	670	12.1	14.0	<0.001	0.04	0.44	2.4	0.4	0.3	30.3	<0.01	0.05	3.6
Y646301		1.09	24.9	440	10.8	19.1	<0.001	0.04	0.34	1.9	<0.2	0.3	19.5	<0.01	0.03	6.0
Y646302		1.11	27.0	480	13.3	17.9	<0.001	0.04	0.40	2.0	<0.2	0.2	21.1	<0.01	0.04	6.3
Y646303		1.05	31.2	550	15.0	18.9	0.001	0.04	0.61	2.6	0.3	0.3	28.7	<0.01	0.04	5.8
Y646304		1.05	30.4	570	15.3	19.4	<0.001	0.04	0.51	2.5	0.3	0.3	25.6	<0.01	0.06	5.6
Y646305		0.94	29.9	530	20.5	17.9	<0.001	0.04	0.55	2.4	0.2	0.3	34.8	<0.01	0.04	5.3
Y646306		1.04	27.9	510	28.9	16.7	<0.001	0.05	0.52	2.3	0.3	0.3	36.7	<0.01	0.04	4.4
Y646307		0.94	33.0	590	15.1	15.2	<0.001	0.06	0.72	2.4	0.4	0.3	47.5	<0.01	0.06	3.8
Y646308		0.92	32.3	600	16.6	16.9	<0.001	0.06	0.58	2.4	1.0	0.3	50.9	<0.01	0.03	3.7
Y646309		0.70	25.2	630	20.3	6.4	<0.001	0.04	0.60	2.1	0.5	0.2	38.8	<0.01	0.05	3.1
Y646310		0.59	38.1	800	13.6	6.9	<0.001	0.04	0.72	3.4	0.5	0.2	70.5	<0.01	0.10	3.9
Y646311		0.57	28.6	690	18.4	7.8	0.001	0.09	0.63	1.8	1.0	0.2	104.0	<0.01	0.07	1.5
Y646312		0.37	55.2	950	17.0	5.0	<0.001	0.07	0.70	3.3	1.9	0.2	253	<0.01	0.12	2.2
Y646313		0.40	30.1	710	17.2	3.5	0.001	0.09	0.37	2.7	0.9	0.2	164.5	<0.01	0.11	1.5
Y646314		0.14	20.1	920	18.5	1.4	<0.001	0.15	0.17	1.4	0.5	<0.2	250	<0.01	0.08	0.6
Y646315		0.31	23.6	850	11.5	3.3	0.001	0.15	0.38	1.1	0.7	<0.2	149.5	0.01	0.03	1.3
Y646316		0.91	28.6	500	16.2	12.9	<0.001	0.06	0.54	2.3	0.6	0.2	53.0	<0.01	0.05	3.7
Y646317		0.84	24.9	490	15.8	10.5	0.004	0.09	0.48	1.9	0.3	0.2	65.7	<0.01	0.03	3.3
Y646318		0.81	24.9	500	14.2	10.8	<0.001	0.06	0.41	1.9	0.5	0.2	52.4	<0.01	0.03	3.6
Y646319		0.84	26.8	520	15.9	9.5	<0.001	0.07	0.51	2.0	0.6	0.3	52.2	<0.01	0.04	2.7
Y646320		0.90	27.6	540	19.5	10.0	<0.001	0.09	0.54	2.3	0.4	0.3	42.8	<0.01	0.04	3.4
Y646321		0.64	18.3	410	13.9	5.6	0.001	0.06	0.54	1.6	0.4	0.2	24.0	<0.01	0.03	4.8
Y646322		0.82	29.5	550	17.1	8.9	0.001	0.06	0.57	2.1	0.5	0.2	38.2	0.01	0.05	3.5
Y646323		0.71	27.1	590	17.1	8.0	0.001	0.06	0.46	2.1	0.6	0.2	48.0	<0.01	0.05	3.3
Y646324		0.76	21.3	550	14.3	7.9	0.001	0.06	0.36	1.8	0.6	0.2	48.7	<0.01	0.04	3.4
Y646325		0.95	24.2	600	14.0	11.3	<0.001	0.02	0.38	2.1	0.3	0.2	22.7	<0.01	0.03	4.7
Y646326		0.74	25.8	270	14.2	6.9	<0.001	0.01	0.73	3.8	0.2	0.3	11.3	<0.01	0.03	5.3
Y646327		0.80	25.1	550	15.5	7.1	<0.001	0.01	0.53	2.4	0.3	0.3	17.2	<0.01	0.04	5.3
Y646328		0.79	26.5	560	18.8	8.2	<0.001	0.03	0.44	2.8	0.6	0.2	66.7	<0.01	0.04	4.8
Y646329		0.81	25.3	580	16.0	11.4	0.001	0.05	0.36	2.0	0.5	0.2	63.2	<0.01	0.03	4.0
Y646330		0.90	18.5	510	13.8	8.0	0.001	0.04	0.37	1.7	0.8	0.2	23.4	<0.01	0.02	5.4
Y646331		0.59	42.6	580	13.4	6.4	<0.001	0.02	0.61	2.7	0.6	0.2	28.9	<0.01	0.12	7.4
Y646351		0.77	27.1	550	17.9	10.9	0.003	0.08	0.47	2.1	0.9	0.2	58.4	<0.01	0.06	3.3
Y646352		0.81	28.7	590	18.3	12.2	0.003	0.08	0.53	2.3	0.9	0.2	65.3	<0.01	0.05	3.2
Y646353		0.74	27.0	570	18.4	11.2	0.002	0.07	0.53	2.2	0.7	0.2	63.2	<0.01	0.05	3.5
Y646354		0.74	26.0	540	16.8	10.6	0.003	0.09	0.41	1.9	0.7	0.2	68.2	<0.01	0.04	2.9
Y646355		0.69	21.6	520	16.4	9.3	0.003	0.06	0.39	1.7	0.6	0.2	47.0	<0.01	0.04	3.9
Y646356		0.68	24.4	520	17.5	8.0	0.002	0.06	0.43	1.9	0.8	0.2	37.3	<0.01	0.04	4.4
Y646357		0.77	28.2	630	17.1	9.0	0.004	0.11	0.48	1.9	0.7	0.2	55.6	<0.01	0.03	3.2



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Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Ti %	Ti ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
		0.005	0.02	0.05	1	0.05	0.05	2	0.5
Y646276		0.033	0.11	1.03	24	0.31	7.21	81	0.6
Y646277		0.032	0.13	0.90	27	0.09	8.56	97	0.7
Y646301		0.033	0.16	0.65	19	0.07	5.07	72	1.1
Y646302		0.033	0.16	1.33	21	0.06	6.37	76	1.2
Y646303		0.032	0.13	1.33	24	0.09	8.19	90	1.4
Y646304		0.032	0.16	0.97	24	0.11	7.38	95	1.2
Y646305		0.030	0.16	1.04	24	0.12	7.46	97	0.9
Y646306		0.032	0.14	1.26	24	0.08	8.62	97	0.8
Y646307		0.028	0.13	1.53	24	0.07	9.51	89	0.9
Y646308		0.030	0.14	1.55	25	0.10	9.72	94	0.9
Y646309		0.026	0.09	1.31	23	0.09	7.84	86	0.8
Y646310		0.026	0.08	0.79	27	0.16	18.25	89	1.2
Y646311		0.017	0.06	1.78	18	0.11	9.89	91	1.0
Y646312		0.011	0.06	2.08	18	0.14	23.5	92	2.1
Y646313		0.013	0.04	0.85	19	0.11	16.50	62	1.1
Y646314		0.006	0.03	1.19	6	0.06	15.55	75	0.7
Y646315		0.011	0.07	6.42	15	0.05	29.1	43	0.8
Y646316		0.027	0.13	1.05	25	0.10	6.70	95	1.0
Y646317		0.026	0.11	0.92	21	0.16	6.74	81	1.0
Y646318		0.027	0.12	0.91	22	0.31	6.29	85	0.9
Y646319		0.025	0.12	1.44	22	0.07	7.37	85	0.9
Y646320		0.024	0.12	1.17	24	0.07	7.72	95	1.1
Y646321		0.022	0.08	1.09	18	0.05	5.33	73	0.9
Y646322		0.024	0.10	0.96	23	0.09	7.63	94	1.1
Y646323		0.021	0.09	1.22	23	0.06	7.67	93	1.0
Y646324		0.025	0.08	1.49	21	0.07	6.78	87	0.9
Y646325		0.033	0.11	0.67	25	0.09	6.41	81	0.9
Y646326		0.031	0.10	0.73	42	0.15	8.56	65	2.6
Y646327		0.025	0.11	0.80	37	0.18	5.31	86	0.9
Y646328		0.025	0.09	1.10	25	0.08	12.30	84	1.0
Y646329		0.026	0.11	0.77	21	0.08	7.25	93	0.9
Y646330		0.029	0.11	0.97	20	0.09	6.00	77	0.8
Y646331		0.023	0.12	0.76	25	0.11	11.15	82	1.3
Y646351		0.024	0.10	1.43	21	0.07	8.39	91	1.2
Y646352		0.024	0.11	1.18	23	0.10	8.60	105	1.3
Y646353		0.024	0.11	1.18	23	0.09	8.20	95	1.1
Y646354		0.023	0.10	1.93	21	0.06	7.34	90	1.1
Y646355		0.024	0.08	1.04	20	0.10	6.58	83	1.0
Y646356		0.022	0.09	1.51	21	0.07	6.92	86	1.1
Y646357		0.022	0.10	2.01	22	0.05	7.06	98	1.2



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Sample Description	Method Analyte Units LOD	WEI-21	Au-AA25	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	Au ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm
Y646358		0.46	<0.01	0.13	1.37	12.0	<0.02	<10	240	0.45	0.23	0.23	0.12	38.5	11.8	24
Y646359		0.40	<0.01	0.08	1.37	27.4	<0.02	<10	140	0.23	0.27	0.20	0.16	23.1	7.8	31
Y646360		0.38	<0.01	0.17	0.42	5.3	<0.02	<10	100	0.26	0.55	0.82	0.62	21.8	15.7	9
Y646361		0.40	<0.01	0.10	0.97	8.3	<0.02	<10	150	0.28	0.21	0.55	0.30	40.1	11.8	19
Y646362		0.48	<0.01	0.03	1.19	14.7	<0.02	<10	160	0.52	0.22	0.15	0.12	41.5	10.8	22
Y646363		0.46	<0.01	0.05	1.24	8.8	<0.02	<10	200	0.24	0.19	0.22	0.06	25.2	6.5	20
Y646364		0.45	<0.01	0.06	1.22	12.1	0.02	<10	150	0.34	0.23	0.35	0.15	28.9	9.1	20
Y646365		0.41	<0.01	0.11	1.11	13.5	<0.02	<10	180	0.39	0.25	1.19	0.13	31.7	11.7	20
Y646366		0.41	<0.01	0.12	1.03	12.6	<0.02	<10	100	0.31	0.27	0.53	0.30	40.5	12.4	20
Y646367		0.47	<0.01	0.20	1.10	15.1	<0.02	<10	110	0.30	0.28	0.48	0.26	39.9	13.6	22
Y646368		0.37	<0.01	0.10	0.67	8.2	<0.02	<10	70	0.25	0.24	8.49	0.25	36.7	11.2	12
Y646369		0.25	<0.01	0.12	1.02	9.3	<0.02	<10	140	0.32	0.22	1.24	0.38	32.1	10.9	20
Y646370		0.33	<0.01	0.10	0.95	9.1	<0.02	<10	130	0.28	0.21	0.91	0.24	33.7	10.5	18
Y646371		0.41	<0.01	0.08	0.94	7.0	<0.02	<10	110	0.24	0.19	0.55	0.18	36.5	9.3	18
Y646372		0.47	<0.01	0.09	0.98	7.0	<0.02	<10	100	0.29	0.21	0.48	0.17	39.0	10.8	18
Y646373		0.35	<0.01	0.16	1.12	8.2	<0.02	<10	120	0.35	0.25	1.00	0.25	37.8	12.3	21
Y646374		0.31	<0.01	0.11	1.01	10.8	<0.02	<10	100	0.33	0.24	0.90	0.23	40.6	13.3	19
Y646375		0.36	<0.01	0.16	1.02	9.1	<0.02	<10	110	0.30	0.27	1.26	0.21	32.9	10.6	19
Y646376		0.33	<0.01	0.05	1.28	9.5	<0.02	<10	180	0.43	0.19	0.50	0.07	30.7	8.7	23
Y646377		0.53	0.01	0.05	1.31	12.2	<0.02	<10	180	0.46	0.21	0.16	0.09	33.4	9.1	23
Y646378		0.51	0.01	0.12	1.50	18.9	<0.02	<10	220	0.35	0.42	0.53	0.16	54.5	24.5	22
Y646379		0.37	<0.01	0.05	1.47	12.8	<0.02	<10	180	0.38	0.21	0.35	0.15	23.9	9.1	24
Y646380		0.40	<0.01	0.20	1.12	12.9	<0.02	<10	110	0.28	0.24	0.06	0.09	24.7	4.0	17
Y646381		0.35	<0.01	0.11	1.09	7.7	<0.02	<10	150	0.36	0.24	0.79	0.29	36.3	12.6	19
Y646382		0.44	<0.01	0.10	1.13	6.3	<0.02	<10	130	0.33	0.23	0.59	0.23	35.3	11.6	19
Y646383		0.45	<0.01	0.15	1.19	8.5	<0.02	<10	130	0.41	0.23	0.69	0.36	39.0	12.9	20
Y646384		0.44	<0.01	0.14	1.07	7.0	<0.02	<10	120	0.37	0.21	1.10	0.34	34.6	11.4	19
Y646385		0.55	0.01	0.16	1.12	7.8	<0.02	<10	120	0.39	0.23	0.85	0.30	40.0	12.4	20
Y646386		0.46	<0.01	0.11	1.15	10.3	<0.02	<10	110	0.33	0.24	0.85	0.19	40.0	11.9	21
Y646387		0.48	<0.01	0.26	1.32	14.0	<0.02	<10	160	0.48	0.37	0.48	0.34	41.4	13.3	20
Y646388		0.38	<0.01	0.12	1.13	12.6	<0.02	<10	100	0.34	0.26	1.16	0.24	32.6	11.8	21
Y646389		0.45	<0.01	0.17	1.10	13.1	<0.02	<10	150	0.36	0.28	1.31	0.31	34.9	12.6	18
Y646390		0.47	<0.01	0.13	0.86	14.2	<0.02	<10	100	0.26	0.22	1.96	0.35	27.8	11.7	16
Y646391		0.40	<0.01	0.11	0.46	5.4	<0.02	<10	90	0.15	0.10	5.66	0.19	10.85	5.4	7
Y646392		0.24	<0.01	0.05	0.76	7.2	<0.02	<10	120	0.29	0.19	4.27	0.25	20.8	9.0	11
Y646393		0.47	<0.01	0.19	0.81	57.7	<0.02	<10	80	0.45	0.66	3.63	0.30	57.3	28.5	11
Y646394		0.32	<0.01	0.09	0.76	4.6	<0.02	<10	130	0.22	0.23	1.03	0.11	31.4	5.7	12
Y646395		0.32	<0.01	0.26	1.33	7.0	<0.02	<10	150	0.67	0.50	1.53	0.17	83.8	11.8	18
Y646396		0.47	<0.01	0.12	1.03	9.6	<0.02	<10	130	0.33	0.23	1.21	0.29	32.2	11.3	18
Y646397		0.40	<0.01	0.13	1.04	17.1	<0.02	<10	130	0.35	0.25	0.99	0.31	34.0	12.4	18



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Project: GEX

CERTIFICATE OF ANALYSIS WH21238426

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
		0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
Y646358		0.77	31.3	2.80	3.57	0.05	0.04	0.04	0.022	0.04	18.4	15.2	0.40	480	0.80	<0.01
Y646359		0.94	20.6	3.46	5.26	<0.05	<0.02	0.01	0.032	0.04	11.2	15.2	0.36	258	1.37	<0.01
Y646360		0.47	65.8	4.68	1.07	<0.05	0.02	0.02	0.018	0.03	10.4	3.4	0.14	978	3.31	<0.01
Y646361		0.92	26.5	2.33	3.00	0.06	0.03	0.03	0.015	0.06	19.5	17.6	0.43	471	0.73	<0.01
Y646362		0.62	34.1	2.69	2.88	<0.05	0.07	0.03	0.024	0.03	17.2	12.3	0.35	331	0.84	<0.01
Y646363		0.80	11.3	2.09	3.86	<0.05	0.03	0.02	0.020	0.03	12.3	13.1	0.33	185	0.74	<0.01
Y646364		0.63	25.9	2.65	3.19	<0.05	0.03	0.03	0.024	0.03	14.2	11.2	0.28	381	0.76	<0.01
Y646365		0.61	39.9	2.87	3.18	<0.05	0.03	0.04	0.023	0.04	15.8	13.1	0.38	367	0.97	<0.01
Y646366		1.24	25.5	2.99	3.20	0.05	0.03	0.03	0.020	0.07	17.3	16.7	0.42	800	1.03	<0.01
Y646367		1.26	37.5	3.05	3.33	0.06	0.03	0.04	0.020	0.08	20.3	17.6	0.44	628	1.01	<0.01
Y646368		0.90	28.1	2.60	2.07	0.05	0.05	0.02	0.018	0.06	19.5	9.0	0.41	372	0.67	<0.01
Y646369		1.03	28.3	2.36	2.88	0.05	0.03	0.04	0.017	0.08	15.6	16.5	0.47	906	0.66	0.01
Y646370		1.04	27.0	2.39	2.87	0.05	0.03	0.03	0.016	0.08	17.3	15.7	0.43	412	0.65	<0.01
Y646371		1.04	19.6	2.26	2.87	0.05	0.03	0.03	0.015	0.08	17.8	13.8	0.40	323	0.53	<0.01
Y646372		1.14	23.9	2.43	2.99	0.05	0.02	0.03	0.017	0.09	19.7	15.0	0.39	458	0.48	<0.01
Y646373		1.34	29.1	2.60	3.22	0.05	0.02	0.03	0.020	0.11	19.8	18.3	0.46	538	0.55	0.01
Y646374		1.30	32.6	2.65	3.04	0.06	0.02	0.03	0.020	0.07	20.4	14.7	0.41	614	0.84	<0.01
Y646375		1.12	30.7	2.51	2.94	0.05	0.03	0.04	0.024	0.05	16.7	14.5	0.37	388	0.83	0.01
Y646376		0.64	27.1	2.28	3.81	0.06	0.03	0.04	0.018	0.03	15.6	13.3	0.43	336	0.89	0.01
Y646377		0.77	32.5	2.60	3.74	0.05	0.04	0.04	0.022	0.03	17.6	14.1	0.34	307	0.89	<0.01
Y646378		0.91	61.6	4.14	4.54	0.08	0.03	0.03	0.037	0.03	26.9	13.1	0.36	516	3.44	<0.01
Y646379		0.72	20.3	2.65	4.28	<0.05	0.02	0.02	0.026	0.03	12.2	14.0	0.35	183	0.86	<0.01
Y646380		1.25	11.8	2.61	5.37	<0.05	0.03	0.01	0.019	0.02	14.5	11.5	0.17	97	1.14	<0.01
Y646381		1.23	32.0	2.65	3.33	0.06	0.03	0.03	0.017	0.09	19.6	15.6	0.43	1080	0.74	<0.01
Y646382		1.35	26.1	2.42	3.49	0.06	0.02	0.03	0.017	0.09	18.9	17.3	0.44	445	0.54	<0.01
Y646383		1.41	32.1	2.68	3.61	0.07	0.02	0.05	0.020	0.10	21.7	17.5	0.45	675	0.64	<0.01
Y646384		1.19	29.4	2.47	3.24	0.06	0.03	0.02	0.018	0.09	18.3	14.9	0.43	546	0.51	<0.01
Y646385		1.29	29.3	2.64	3.54	0.06	0.02	0.04	0.018	0.09	22.6	17.8	0.45	547	0.62	<0.01
Y646386		1.30	29.4	2.63	3.72	0.06	0.03	0.03	0.018	0.09	20.9	17.4	0.46	534	0.59	<0.01
Y646387		0.83	38.3	3.21	3.67	0.06	0.04	0.04	0.022	0.07	22.2	18.0	0.38	992	0.79	<0.01
Y646388		1.16	36.1	2.84	3.34	0.06	0.03	0.04	0.022	0.06	18.4	15.0	0.41	418	0.92	<0.01
Y646389		0.79	33.8	2.87	3.28	0.06	0.02	0.03	0.035	0.04	17.9	14.3	0.36	745	0.93	<0.01
Y646390		0.74	38.8	2.50	2.63	0.05	0.02	0.03	0.021	0.04	14.1	10.7	0.36	598	0.84	0.01
Y646391		0.28	38.2	1.16	1.19	<0.05	0.02	0.05	0.014	0.01	5.7	3.0	0.17	291	0.52	<0.01
Y646392		0.50	31.5	2.31	2.02	<0.05	0.03	0.07	0.027	0.05	10.5	7.0	0.26	465	0.73	0.01
Y646393		0.83	103.5	4.75	2.30	0.09	0.04	0.05	0.035	0.02	30.1	7.3	0.30	1010	2.54	<0.01
Y646394		1.11	26.3	1.04	3.94	0.05	<0.02	0.05	0.013	0.04	22.2	7.5	0.15	232	0.82	<0.01
Y646395		2.24	98.0	2.12	4.34	0.21	0.03	0.09	0.020	0.04	95.9	17.4	0.32	1080	0.92	<0.01
Y646396		0.91	28.7	2.44	3.18	0.05	0.03	0.04	0.017	0.07	16.4	15.1	0.41	476	0.58	<0.01
Y646397		0.88	35.3	2.62	3.13	0.05	0.03	0.04	0.018	0.06	17.3	15.4	0.41	456	0.65	<0.01



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CERTIFICATE OF ANALYSIS WH21238426

Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
		ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Y646358	0.79	30.8	570	15.7	6.8	<0.001	0.01	0.69	3.4	0.4	0.3	16.1	<0.01	0.03	5.1	
Y646359	1.09	18.5	400	13.2	9.3	<0.001	0.01	0.57	1.9	0.3	0.5	18.8	<0.01	0.04	2.0	
Y646360	0.21	36.1	500	42.1	2.7	<0.001	0.04	0.63	1.4	0.9	<0.2	60.6	<0.01	0.16	5.1	
Y646361	0.90	28.6	560	13.7	8.9	0.002	0.05	0.42	2.2	0.5	0.2	30.4	<0.01	0.03	4.7	
Y646362	0.60	27.8	320	14.5	6.6	<0.001	0.01	0.80	3.1	0.5	0.2	12.5	<0.01	0.03	6.7	
Y646363	0.81	15.5	420	10.5	7.5	<0.001	0.01	0.36	2.0	0.3	0.4	13.5	<0.01	0.03	3.1	
Y646364	0.66	26.8	510	14.6	5.3	<0.001	0.01	0.49	2.5	0.3	0.3	18.3	<0.01	0.03	4.0	
Y646365	0.64	30.7	410	14.7	5.4	<0.001	0.02	0.68	3.3	0.6	0.3	50.9	<0.01	0.05	3.9	
Y646366	0.85	26.6	590	28.8	10.9	<0.001	0.02	0.50	2.3	0.4	0.2	25.6	<0.01	0.06	4.9	
Y646367	0.92	31.4	550	35.9	12.0	<0.001	0.02	0.55	2.7	0.3	0.3	23.6	<0.01	0.05	5.5	
Y646368	0.54	27.2	650	16.7	9.1	<0.001	0.02	0.46	2.1	0.4	<0.2	567	<0.01	0.08	5.0	
Y646369	0.86	25.3	680	14.4	11.9	0.001	0.08	0.48	2.0	0.8	0.2	57.5	<0.01	0.04	3.0	
Y646370	0.88	23.8	610	13.4	11.8	0.001	0.06	0.45	1.8	0.5	0.2	38.3	<0.01	0.03	3.4	
Y646371	0.89	19.2	540	14.7	10.9	<0.001	0.03	0.42	1.9	0.4	0.2	21.5	<0.01	0.02	5.1	
Y646372	0.95	22.1	440	18.7	12.3	<0.001	0.03	0.42	1.9	0.5	0.2	21.5	<0.01	0.03	4.9	
Y646373	0.94	28.9	590	24.3	16.9	0.002	0.05	0.46	2.1	0.8	0.2	43.3	<0.01	0.04	3.8	
Y646374	0.84	27.5	550	17.4	11.0	0.001	0.04	0.46	2.1	0.8	0.2	42.0	<0.01	0.05	3.3	
Y646375	0.69	26.9	600	18.0	8.2	0.001	0.07	0.48	2.1	1.1	0.2	59.7	<0.01	0.05	2.3	
Y646376	0.90	26.0	300	11.6	6.3	<0.001	0.01	0.48	2.6	0.3	0.4	29.0	<0.01	0.02	4.3	
Y646377	0.89	23.8	320	11.3	6.4	<0.001	0.01	0.62	3.4	0.2	0.3	11.3	<0.01	0.03	4.5	
Y646378	0.73	46.1	470	16.7	6.8	<0.001	0.02	0.67	3.8	0.6	0.4	27.3	<0.01	0.16	4.8	
Y646379	0.92	22.4	420	14.0	6.4	<0.001	0.01	0.53	2.7	0.4	0.4	22.9	<0.01	0.03	3.2	
Y646380	1.28	10.9	170	17.0	5.8	<0.001	0.01	0.54	1.6	0.3	0.5	6.6	<0.01	0.03	2.8	
Y646381	0.96	29.6	500	15.1	14.7	<0.001	0.03	0.51	2.1	0.3	0.2	27.2	<0.01	0.03	4.2	
Y646382	1.04	24.9	500	14.4	16.3	0.001	0.03	0.38	2.1	0.2	0.2	22.7	<0.01	0.02	4.6	
Y646383	0.96	29.8	560	22.7	17.6	<0.001	0.03	0.48	2.3	0.5	0.3	29.5	<0.01	0.04	4.5	
Y646384	0.86	27.3	510	23.4	14.9	<0.001	0.04	0.50	2.0	0.3	0.2	41.6	<0.01	0.02	3.9	
Y646385	0.99	28.1	500	30.0	16.4	<0.001	0.03	0.44	2.2	0.4	0.3	36.9	<0.01	0.04	4.2	
Y646386	1.01	26.6	510	15.2	14.7	0.001	0.03	0.46	2.3	0.5	0.3	37.1	<0.01	0.03	4.6	
Y646387	0.72	32.9	520	20.3	9.6	<0.001	0.02	0.76	3.5	0.4	0.2	21.7	<0.01	0.06	6.7	
Y646388	0.82	28.4	470	15.0	10.3	0.001	0.05	0.45	2.4	1.0	0.2	51.9	<0.01	0.04	2.6	
Y646389	0.64	30.4	520	37.9	5.6	<0.001	0.04	0.63	2.1	0.8	0.2	60.7	<0.01	0.05	1.8	
Y646390	0.64	27.6	730	18.2	7.1	<0.001	0.06	0.59	1.8	1.1	0.2	83.8	<0.01	0.04	1.5	
Y646391	0.27	17.7	680	5.4	1.3	<0.001	0.16	0.30	0.5	1.3	<0.2	246	<0.01	0.05	<0.2	
Y646392	0.42	20.3	520	13.0	3.9	<0.001	0.09	0.33	2.0	0.7	0.2	192.0	<0.01	0.05	0.9	
Y646393	0.28	61.5	750	48.4	2.9	0.001	0.05	0.42	3.4	1.7	0.2	164.5	<0.01	0.15	2.9	
Y646394	0.60	10.2	340	13.8	7.3	<0.001	0.04	0.22	1.2	0.4	0.3	55.0	<0.01	0.02	2.0	
Y646395	0.60	25.1	680	24.7	8.3	<0.001	0.08	0.36	1.9	0.6	0.3	74.7	<0.01	0.05	4.1	
Y646396	0.77	25.8	500	18.7	10.2	<0.001	0.05	0.51	2.1	0.4	0.2	46.0	<0.01	0.03	3.5	
Y646397	0.76	28.1	510	17.9	8.7	<0.001	0.05	0.50	2.2	0.4	0.2	41.3	<0.01	0.03	3.8	



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Sample Description	Method Analyte Units LOD	ME-MS41 Ti %	ME-MS41 Tl ppm	ME-MS41 U ppm	ME-MS41 V ppm	ME-MS41 W ppm	ME-MS41 Y ppm	ME-MS41 Zn ppm	ME-MS41 Zr ppm
		0.005	0.02	0.05	1	0.05	0.05	2	0.5
Y646358		0.029	0.09	0.72	35	0.30	9.24	88	1.3
Y646359		0.032	0.10	0.39	56	0.27	2.24	84	<0.5
Y646360		0.008	0.04	2.67	9	0.09	5.15	103	0.5
Y646361		0.032	0.09	1.05	24	0.10	7.74	76	0.9
Y646362		0.028	0.10	0.80	34	0.15	6.39	64	3.1
Y646363		0.026	0.12	0.48	41	0.15	3.70	54	0.9
Y646364		0.020	0.13	0.50	34	0.12	7.50	60	0.8
Y646365		0.019	0.10	0.78	33	0.31	9.30	67	1.2
Y646366		0.032	0.12	0.94	26	0.11	6.22	100	0.9
Y646367		0.032	0.14	0.78	26	0.09	9.64	107	1.1
Y646368		0.018	0.07	1.10	14	0.08	8.70	74	1.9
Y646369		0.026	0.11	1.28	22	0.07	7.78	101	1.0
Y646370		0.029	0.12	0.92	22	0.08	7.20	80	0.9
Y646371		0.031	0.11	0.80	23	0.08	5.85	79	0.9
Y646372		0.030	0.13	1.15	21	0.06	6.62	82	0.8
Y646373		0.028	0.13	1.20	23	0.06	8.49	106	1.0
Y646374		0.028	0.12	1.41	23	0.07	9.14	84	0.8
Y646375		0.023	0.10	1.59	23	0.08	9.51	88	0.8
Y646376		0.026	0.09	0.64	36	0.19	5.05	60	1.4
Y646377		0.027	0.10	0.76	38	0.17	7.23	69	1.6
Y646378		0.021	0.10	0.87	44	0.24	15.05	98	1.3
Y646379		0.026	0.10	0.53	44	0.23	5.29	71	1.1
Y646380		0.029	0.09	0.28	56	0.18	1.84	35	1.3
Y646381		0.029	0.13	0.81	22	0.08	7.62	82	1.2
Y646382		0.031	0.13	0.70	21	0.08	6.93	86	0.9
Y646383		0.028	0.13	0.87	22	0.09	8.66	112	1.0
Y646384		0.025	0.13	0.81	20	0.08	7.52	111	1.3
Y646385		0.029	0.12	1.16	22	0.09	8.40	101	0.9
Y646386		0.032	0.13	1.18	24	0.07	7.74	81	1.0
Y646387		0.018	0.10	0.63	24	0.08	18.10	74	1.2
Y646388		0.023	0.10	1.69	25	0.09	9.91	88	1.0
Y646389		0.021	0.07	1.11	25	0.09	10.15	98	0.7
Y646390		0.024	0.09	1.53	23	0.07	8.87	89	0.9
Y646391		0.007	0.02	3.15	9	<0.05	8.30	23	0.7
Y646392		0.016	0.03	1.59	19	0.09	10.30	42	1.2
Y646393		0.009	0.03	1.80	17	0.12	26.1	94	1.1
Y646394		0.020	0.08	1.00	25	0.18	3.04	22	0.5
Y646395		0.014	0.06	4.55	26	0.10	15.25	58	1.1
Y646396		0.023	0.08	0.92	22	0.09	7.23	89	1.2
Y646397		0.023	0.09	1.05	23	0.10	7.65	92	1.2



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Sample Description	Method Analyte Units LOD	WEI-21	Au-AA25	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	Au ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm
Y646398		0.41	<0.01	0.14	1.00	29.0	<0.02	<10	120	0.41	0.26	0.94	0.30	38.2	14.5	18
Y646399		0.53	<0.01	0.13	0.94	23.0	<0.02	<10	120	0.36	0.25	1.38	0.34	36.8	13.5	16
Y646400		0.46	<0.01	0.11	0.87	21.5	<0.02	<10	110	0.32	0.22	1.00	0.24	36.9	11.2	16
Y646401		0.38	<0.01	0.11	0.88	11.9	<0.02	<10	90	0.31	0.23	1.17	0.27	35.1	11.3	16
Y646402		0.39	<0.01	0.09	0.96	7.6	<0.02	<10	150	0.32	0.19	1.18	0.35	32.5	10.3	17
Y646403		0.38	<0.01	0.14	1.05	7.5	<0.02	<10	160	0.35	0.21	0.91	0.33	32.9	11.1	18
Y646404		0.38	0.01	0.07	1.06	9.2	<0.02	<10	110	0.33	0.22	0.54	0.21	32.9	11.5	19
Y646405		0.55	<0.01	0.13	1.06	8.5	<0.02	<10	170	0.32	0.20	1.07	0.35	29.9	12.1	19
Y646406		0.36	<0.01	0.15	1.01	6.2	<0.02	<10	120	0.33	0.22	1.74	0.45	29.2	11.1	19
Y646407		0.33	<0.01	0.13	1.04	9.3	<0.02	<10	220	0.35	0.23	1.33	0.42	35.9	13.0	19
Y646408		0.37	<0.01	0.98	0.68	11.3	<0.02	<10	110	0.49	0.43	2.55	2.99	41.9	21.2	10
Y646409		0.31	<0.01	0.18	0.77	6.4	<0.02	10	100	0.26	0.17	3.30	3.42	17.70	8.6	14
Y646410		0.34	<0.01	0.16	1.18	9.2	<0.02	<10	120	0.41	0.29	1.05	1.10	38.4	14.4	22
Y646411		0.27	<0.01	0.12	0.54	6.1	<0.02	10	90	0.25	0.13	4.08	2.82	20.2	6.8	8
Y646412		0.51	<0.01	0.12	1.58	11.9	<0.02	<10	160	0.53	0.28	0.09	0.31	56.2	14.2	22
Y646413		0.56	<0.01	0.05	1.50	9.6	<0.02	<10	130	0.39	0.27	0.06	0.18	44.5	12.2	22
Y646414		0.54	<0.01	0.03	1.33	11.1	<0.02	<10	70	0.34	0.25	0.08	0.15	31.1	11.3	23
Y646415		0.57	<0.01	0.12	1.52	10.0	<0.02	<10	190	0.45	0.21	0.12	0.32	37.2	10.1	24
Y646416		0.49	<0.01	0.03	1.34	11.5	<0.02	<10	80	0.30	0.78	0.10	0.20	36.5	11.6	23
Y646417		0.64	<0.01	0.08	1.55	12.6	<0.02	<10	100	0.40	0.21	0.15	0.35	36.6	10.5	24
Y646418		0.70	<0.01	0.19	1.36	8.0	<0.02	<10	70	0.25	0.23	0.07	0.15	24.6	5.5	24
Y646419		0.58	<0.01	0.04	1.70	13.6	<0.02	<10	120	0.45	0.23	0.11	0.30	32.1	10.0	25
Y646420		0.71	<0.01	0.06	1.57	13.8	<0.02	<10	140	0.38	0.24	0.12	0.20	36.8	7.9	26
Y646421		0.77	0.01	0.09	1.15	11.1	<0.02	<10	150	0.36	0.25	0.12	0.39	41.6	11.9	18
Y646422		0.82	<0.01	0.10	1.51	10.8	<0.02	<10	90	0.36	0.26	0.09	0.20	36.1	9.6	23
Y646423		0.67	<0.01	0.10	1.41	11.1	<0.02	<10	100	0.41	0.20	0.12	0.37	41.2	9.8	22
Y646424		0.68	<0.01	0.07	1.69	13.1	<0.02	<10	250	0.50	0.34	0.09	0.32	59.3	16.2	24
Y646425		0.68	<0.01	0.02	1.44	10.3	<0.02	<10	80	0.39	0.23	0.09	0.14	43.4	10.7	23
Y646426		0.68	<0.01	0.05	1.52	12.1	<0.02	<10	110	0.40	0.25	0.07	0.12	39.8	9.9	23
Y646427		0.67	<0.01	0.03	1.59	9.9	<0.02	<10	130	0.49	0.26	0.09	0.27	55.8	13.0	24
Y646428		0.81	<0.01	0.09	1.63	12.4	<0.02	<10	180	0.55	0.32	0.10	0.33	59.0	14.8	24
Y646429		0.56	<0.01	0.07	1.92	13.7	<0.02	<10	110	0.47	0.26	0.11	0.39	33.6	13.0	26
Y646430		0.73	0.01	0.13	1.39	13.7	<0.02	<10	170	0.47	0.20	0.17	0.53	37.7	11.7	22
Y646431		0.77	<0.01	0.18	1.74	11.8	<0.02	<10	200	0.49	0.23	0.13	0.29	38.8	10.5	28
Y646432		0.66	<0.01	0.05	1.48	16.0	<0.02	<10	190	0.45	0.37	0.10	0.27	51.1	14.9	23
Y646433		0.76	<0.01	0.23	1.62	9.9	<0.02	<10	200	0.54	0.24	0.25	0.24	36.1	12.7	28
Y646434		0.79	<0.01	0.04	1.49	8.6	<0.02	<10	190	0.42	0.25	0.13	0.15	45.1	12.9	23
Y646435		0.78	<0.01	0.04	1.57	7.7	<0.02	<10	100	0.40	0.23	0.08	0.14	40.7	12.0	22
Y646436		0.82	<0.01	0.09	1.69	7.2	<0.02	<10	120	0.44	0.28	0.06	0.12	44.1	13.7	23
1893717		0.39	<0.01	0.11	1.10	12.8	0.03	<10	290	0.37	0.18	0.23	0.63	40.9	10.1	24



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Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
Y646398		0.81	35.9	2.75	3.18	0.05	0.03	0.03	0.019	0.06	20.2	16.1	0.41	769	0.89	<0.01
Y646399		0.73	36.6	2.63	2.90	0.06	0.03	0.03	0.020	0.05	18.2	14.3	0.39	933	0.69	0.01
Y646400		0.73	29.0	2.21	2.81	0.05	0.03	0.02	0.017	0.04	18.4	13.4	0.35	897	0.74	<0.01
Y646401		0.74	31.8	2.31	2.81	0.06	0.03	0.03	0.015	0.06	17.7	15.0	0.40	414	0.51	0.01
Y646402		0.89	21.2	2.10	3.05	0.05	0.03	0.03	0.013	0.06	16.5	17.4	0.41	391	0.74	0.01
Y646403		0.89	37.1	2.34	3.16	0.06	0.03	0.04	0.017	0.08	17.8	15.8	0.42	730	0.64	<0.01
Y646404		0.99	21.0	2.42	3.34	0.05	0.03	0.03	0.016	0.07	16.2	19.5	0.43	609	0.74	0.01
Y646405		0.95	27.7	2.44	3.29	0.05	0.02	0.03	0.014	0.09	15.3	18.7	0.46	987	0.81	<0.01
Y646406		1.07	39.8	1.76	2.98	0.05	0.03	0.04	0.018	0.06	15.9	14.9	0.41	181	0.41	0.01
Y646407		1.91	33.7	2.50	3.29	0.06	0.03	0.04	0.018	0.07	18.4	16.0	0.44	4960	1.27	0.01
Y646408		1.08	59.4	4.66	2.18	0.07	0.03	0.06	0.036	0.03	21.4	4.6	0.21	1490	0.96	<0.01
Y646409		4.82	30.9	1.90	2.18	<0.05	0.03	0.07	0.015	0.06	9.8	10.5	0.36	1720	0.53	0.01
Y646410		2.14	48.6	2.09	3.64	0.07	0.04	0.04	0.021	0.07	20.2	17.9	0.46	184	0.98	0.01
Y646411		2.74	40.2	1.24	1.50	0.05	0.03	0.07	0.016	0.03	14.6	5.0	0.25	435	0.64	0.01
Y646412		1.44	41.0	3.02	4.53	0.09	0.02	0.03	0.022	0.11	28.7	20.7	0.52	630	0.78	<0.01
Y646413		0.93	32.1	2.71	4.25	0.06	<0.02	0.03	0.017	0.06	19.7	21.6	0.50	491	0.60	<0.01
Y646414		1.50	23.0	2.72	4.10	<0.05	<0.02	0.02	0.016	0.09	14.4	17.5	0.44	631	0.80	<0.01
Y646415		1.09	27.1	2.75	4.02	0.06	<0.02	0.04	0.021	0.06	19.3	19.2	0.50	391	0.69	<0.01
Y646416		0.66	28.6	2.64	4.21	<0.05	<0.02	0.03	0.018	0.04	16.6	18.7	0.44	405	0.81	<0.01
Y646417		0.89	22.6	2.63	4.08	0.06	<0.02	0.04	0.021	0.04	18.1	18.1	0.46	289	0.87	<0.01
Y646418		1.30	13.7	2.13	4.71	<0.05	<0.02	0.06	0.018	0.04	12.4	13.7	0.32	295	0.92	<0.01
Y646419		1.04	20.4	2.69	4.58	0.05	<0.02	0.04	0.023	0.05	14.9	14.5	0.42	369	1.12	<0.01
Y646420		0.97	27.4	2.76	4.21	0.05	<0.02	0.07	0.023	0.04	17.0	15.3	0.46	210	1.05	<0.01
Y646421		1.17	34.3	2.44	3.49	0.08	0.05	0.04	0.016	0.11	18.7	17.0	0.40	527	0.68	<0.01
Y646422		1.14	27.3	2.59	4.61	0.05	<0.02	0.04	0.020	0.06	16.6	19.1	0.44	316	0.88	<0.01
Y646423		1.09	29.7	2.48	4.03	0.07	<0.02	0.03	0.018	0.06	20.9	18.7	0.47	333	0.71	<0.01
Y646424		1.30	46.4	3.23	4.85	0.08	<0.02	0.05	0.020	0.11	28.7	25.3	0.59	721	0.69	0.01
Y646425		1.11	21.9	2.63	4.73	0.06	<0.02	0.03	0.018	0.05	21.0	19.4	0.45	385	0.77	<0.01
Y646426		1.22	21.8	2.71	4.63	0.06	<0.02	0.03	0.021	0.05	19.2	20.5	0.42	326	0.83	<0.01
Y646427		1.12	36.5	2.82	4.65	0.07	<0.02	0.03	0.018	0.08	22.4	23.1	0.55	502	0.63	<0.01
Y646428		1.13	40.6	2.99	4.58	0.08	<0.02	0.04	0.020	0.09	25.0	23.3	0.55	634	0.75	0.01
Y646429		1.08	30.5	2.89	4.38	0.05	<0.02	0.04	0.023	0.06	15.5	22.5	0.50	526	0.92	<0.01
Y646430		0.74	35.7	2.70	3.75	0.06	0.04	0.26	0.021	0.05	17.8	14.4	0.46	574	0.95	<0.01
Y646431		0.97	25.9	2.70	4.76	0.05	0.02	0.04	0.023	0.05	20.1	18.1	0.53	360	0.83	<0.01
Y646432		1.16	45.1	3.04	4.27	0.07	<0.02	0.06	0.022	0.08	22.8	21.9	0.49	692	0.88	<0.01
Y646433		0.88	29.9	2.49	3.93	0.06	<0.02	0.06	0.023	0.05	18.6	20.3	0.44	576	0.97	0.01
Y646434		1.16	30.7	2.85	4.29	0.07	<0.02	0.03	0.018	0.08	22.2	23.5	0.55	514	0.55	0.01
Y646435		1.17	29.4	2.70	4.26	0.05	<0.02	0.04	0.017	0.07	18.1	24.4	0.53	458	0.54	<0.01
Y646436		1.52	30.1	2.90	4.38	0.06	<0.02	0.03	0.016	0.10	18.4	25.3	0.55	727	0.65	<0.01
1893717		0.99	27.1	2.72	3.63	0.07	<0.02	0.04	0.020	0.09	20.7	16.6	0.42	471	1.07	<0.01



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Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
		ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
Y646398		0.71	32.6	610	16.3	7.5	<0.001	0.04	0.52	2.4	0.7	0.2	42.8	<0.01	0.06	3.9
Y646399		0.65	32.0	570	16.5	7.7	<0.001	0.05	0.50	1.9	0.7	0.2	65.1	<0.01	0.04	2.7
Y646400		0.65	25.5	490	14.7	5.5	<0.001	0.06	0.43	1.8	0.7	0.2	49.5	<0.01	0.05	3.4
Y646401		0.78	24.5	510	15.3	8.5	0.002	0.08	0.38	1.9	0.6	0.2	71.9	<0.01	0.04	3.5
Y646402		0.98	21.6	520	12.1	9.3	<0.001	0.07	0.32	1.9	0.7	0.2	46.5	<0.01	0.02	3.3
Y646403		0.85	25.9	590	14.2	10.3	<0.001	0.04	0.44	2.2	0.6	0.2	34.5	<0.01	0.03	3.8
Y646404		0.95	23.4	390	12.9	11.6	0.001	0.04	0.36	2.1	0.4	0.2	24.2	<0.01	0.02	3.9
Y646405		0.91	27.3	530	13.1	13.2	0.001	0.06	0.44	2.2	0.8	0.2	42.0	<0.01	0.03	3.5
Y646406		0.82	30.0	620	16.4	9.6	0.004	0.15	0.50	1.8	1.8	0.2	69.5	<0.01	0.02	1.9
Y646407		0.75	30.9	670	15.7	12.4	0.005	0.11	0.50	2.2	1.7	0.2	61.5	<0.01	0.04	3.2
Y646408		0.40	34.2	570	170.0	4.9	<0.001	0.09	4.44	2.8	0.7	0.4	111.5	0.01	0.17	3.5
Y646409		0.51	25.5	720	17.7	8.4	0.013	0.26	0.55	1.3	2.3	0.2	210	<0.01	0.03	1.0
Y646410		1.14	34.0	540	23.1	12.9	0.004	0.13	0.68	3.0	2.1	0.3	62.5	<0.01	0.04	5.3
Y646411		0.32	16.6	850	8.2	2.8	0.005	0.32	0.36	0.9	2.1	<0.2	260	<0.01	0.02	0.3
Y646412		0.67	33.1	610	12.1	13.9	<0.001	0.02	0.79	4.0	0.2	0.3	8.4	<0.01	0.03	7.1
Y646413		0.34	30.0	460	9.0	8.5	<0.001	0.03	0.63	1.6	0.4	0.2	6.1	<0.01	0.04	1.0
Y646414		0.86	23.9	600	12.6	14.2	<0.001	0.03	0.63	1.8	0.4	0.3	6.5	<0.01	0.03	1.5
Y646415		0.54	26.5	560	10.9	10.2	<0.001	0.03	0.57	2.5	0.3	0.3	9.4	<0.01	0.02	1.1
Y646416		0.35	26.5	630	10.4	6.4	<0.001	0.03	0.62	1.1	0.6	0.3	7.9	<0.01	0.08	0.4
Y646417		0.55	27.2	690	10.7	7.7	<0.001	0.03	0.71	1.6	0.5	0.3	11.0	<0.01	0.04	0.8
Y646418		0.30	14.0	710	7.9	12.7	<0.001	0.05	0.44	0.5	0.2	0.4	7.3	<0.01	0.02	<0.2
Y646419		0.38	22.5	830	11.8	11.5	0.001	0.04	0.67	1.1	0.6	0.4	9.9	<0.01	0.04	0.2
Y646420		0.50	26.1	740	12.2	8.3	<0.001	0.03	0.75	2.1	0.4	0.3	10.2	<0.01	0.03	0.7
Y646421		0.45	28.0	550	9.2	13.6	<0.001	0.02	1.01	3.5	0.2	0.3	9.1	<0.01	0.03	7.8
Y646422		0.30	24.7	660	9.8	10.2	<0.001	0.03	0.84	1.0	0.4	0.3	7.6	<0.01	0.03	0.3
Y646423		0.67	26.6	590	9.5	9.8	<0.001	0.03	0.81	2.4	0.4	0.3	9.2	<0.01	0.03	1.7
Y646424		0.40	35.2	460	11.1	11.3	<0.001	0.03	0.97	3.3	0.2	0.3	9.3	<0.01	0.05	6.2
Y646425		0.50	23.2	500	11.0	9.5	<0.001	0.03	0.50	1.7	0.4	0.3	7.6	<0.01	0.02	1.0
Y646426		0.79	21.7	500	10.3	12.4	<0.001	0.03	0.53	2.3	0.4	0.3	7.3	<0.01	0.03	2.8
Y646427		0.57	31.3	530	9.5	9.8	<0.001	0.02	0.62	3.1	<0.2	0.3	7.9	<0.01	0.03	3.3
Y646428		0.41	35.1	530	10.0	10.6	<0.001	0.02	0.90	3.1	0.3	0.3	8.2	<0.01	0.03	2.8
Y646429		0.66	29.4	810	11.2	10.9	<0.001	0.04	0.75	1.7	0.7	0.3	9.3	<0.01	0.04	1.0
Y646430		0.65	32.5	810	11.3	6.7	<0.001	0.02	0.80	4.3	<0.2	0.3	13.0	<0.01	0.04	3.9
Y646431		0.75	27.1	700	10.4	8.7	<0.001	0.03	0.60	3.1	0.4	0.4	11.5	<0.01	0.04	2.1
Y646432		0.58	34.5	520	11.9	10.2	<0.001	0.03	1.13	2.5	0.3	0.3	8.4	<0.01	0.05	2.5
Y646433		0.34	29.8	960	8.7	8.0	<0.001	0.05	0.85	1.8	0.4	0.3	16.6	<0.01	0.03	0.4
Y646434		0.45	30.5	480	7.7	10.3	<0.001	0.03	0.63	2.5	<0.2	0.3	11.1	<0.01	0.04	3.5
Y646435		0.61	29.0	510	7.3	12.3	<0.001	0.03	0.51	2.1	0.2	0.3	6.3	<0.01	0.03	3.3
Y646436		0.52	27.5	560	7.4	14.2	<0.001	0.04	0.47	2.1	<0.2	0.2	5.9	<0.01	0.03	2.5
1893717		0.75	28.5	900	9.6	10.8	<0.001	0.03	0.80	2.7	0.5	0.3	17.6	<0.01	0.03	3.0



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Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Ti %	Ti ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
		0.005	0.02	0.05	1	0.05	0.05	2	0.5
Y646398		0.023	0.08	1.30	22	0.19	9.28	92	1.2
Y646399		0.020	0.07	1.51	20	0.16	8.73	86	1.0
Y646400		0.021	0.07	1.48	20	0.05	7.23	79	0.9
Y646401		0.024	0.07	1.12	20	0.06	7.72	82	1.1
Y646402		0.029	0.09	2.87	23	0.15	7.25	71	1.1
Y646403		0.028	0.09	1.97	23	0.08	7.92	76	1.1
Y646404		0.029	0.12	1.01	23	0.07	6.35	75	0.9
Y646405		0.029	0.10	1.56	22	0.12	6.96	87	1.1
Y646406		0.023	0.11	3.99	21	0.06	8.49	89	1.2
Y646407		0.026	0.13	1.29	22	0.06	8.81	101	0.9
Y646408		0.014	0.13	1.31	21	0.08	17.65	771	1.0
Y646409		0.015	0.10	3.55	14	<0.05	7.08	531	1.0
Y646410		0.032	0.14	4.18	25	0.09	10.75	230	1.9
Y646411		0.010	0.08	14.05	10	<0.05	11.75	216	1.2
Y646412		0.038	0.14	0.67	33	0.13	10.90	96	0.8
Y646413		0.023	0.10	0.71	29	0.10	5.96	79	<0.5
Y646414		0.041	0.16	0.62	33	0.14	4.43	72	<0.5
Y646415		0.038	0.14	2.06	37	0.12	9.36	93	<0.5
Y646416		0.021	0.10	0.84	32	0.11	4.64	70	<0.5
Y646417		0.030	0.11	0.83	38	0.16	6.12	87	<0.5
Y646418		0.016	0.13	1.02	35	0.12	2.76	65	<0.5
Y646419		0.023	0.13	0.81	42	0.17	4.91	81	<0.5
Y646420		0.031	0.13	0.74	42	0.17	7.14	79	<0.5
Y646421		0.047	0.15	0.50	29	0.10	7.61	69	2.6
Y646422		0.019	0.13	0.77	34	0.11	4.90	74	<0.5
Y646423		0.040	0.13	0.87	31	0.13	7.80	84	<0.5
Y646424		0.031	0.13	0.66	32	0.12	9.28	97	<0.5
Y646425		0.030	0.13	0.72	35	0.12	5.89	63	<0.5
Y646426		0.034	0.12	0.68	36	0.14	5.62	67	<0.5
Y646427		0.034	0.12	0.75	32	0.14	7.32	84	<0.5
Y646428		0.031	0.10	0.91	32	0.11	8.67	91	<0.5
Y646429		0.024	0.12	0.77	35	0.15	5.08	110	<0.5
Y646430		0.044	0.11	0.81	38	0.18	9.57	90	1.3
Y646431		0.038	0.11	1.73	41	0.19	10.05	103	0.6
Y646432		0.028	0.12	0.69	33	0.12	6.98	89	<0.5
Y646433		0.022	0.11	1.13	35	0.12	9.58	101	<0.5
Y646434		0.036	0.11	0.50	30	0.11	7.31	84	<0.5
Y646435		0.030	0.10	0.52	27	0.09	4.58	86	<0.5
Y646436		0.028	0.14	0.75	28	0.09	5.39	97	<0.5
1893717		0.054	0.12	0.99	42	0.39	8.28	88	0.5



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Sample Description	Method Analyte Units LOD	WEI-21	Au-AA25	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	Au ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm
1893718		0.44	<0.01	0.05	1.53	10.2	<0.02	<10	150	0.52	0.19	0.15	0.23	32.3	10.7	26
1893719		0.20	<0.01	0.11	0.91	13.4	<0.02	<10	80	0.30	0.21	0.87	0.29	37.3	13.3	17
1893720		0.34	<0.01	0.14	1.15	19.0	<0.02	<10	100	0.43	0.31	0.55	0.42	43.9	15.9	24
1893721		0.57	<0.01	0.15	1.17	15.8	<0.02	<10	100	0.42	0.32	0.65	0.41	48.5	17.7	22
1893722		0.17	<0.01	0.15	1.12	8.9	<0.02	<10	100	0.38	0.26	1.21	0.32	35.3	10.9	21
1893723		0.26	<0.01	0.13	1.07	5.2	<0.02	<10	120	0.37	0.26	1.03	0.34	36.4	12.2	20
1893724		0.11	<0.01	0.17	1.19	10.3	<0.02	<10	130	0.41	0.32	1.28	0.47	36.5	12.7	24
1893725		0.22	<0.01	0.12	1.00	21.4	<0.02	<10	110	0.34	0.22	0.84	0.38	34.6	13.3	19
1893726		0.24	<0.01	0.11	1.17	10.8	<0.02	<10	120	0.38	0.25	0.77	0.25	36.7	12.9	21
1893727		0.43	<0.01	0.18	1.46	21.4	<0.02	<10	180	0.49	0.37	0.39	0.42	46.7	17.7	28
1893728		0.43	<0.01	0.03	0.98	14.5	<0.02	<10	90	0.45	0.30	0.18	0.20	45.3	13.6	18
1893729		0.46	<0.01	0.12	0.94	10.8	<0.02	<10	100	0.39	0.24	1.44	0.31	39.8	13.9	17
1893730		0.49	<0.01	0.14	0.21	24.4	<0.02	<10	10	0.49	1.08	4.41	0.96	5.47	39.6	3
1893731		0.36	<0.01	0.17	0.72	7.9	<0.02	<10	100	0.47	0.37	0.82	0.41	51.0	18.2	14
1893732		0.34	<0.01	0.12	0.99	14.2	0.02	<10	150	0.44	0.29	0.42	0.18	37.5	10.8	18
1893733		0.17	<0.01	0.17	0.99	12.4	<0.02	<10	150	0.39	0.20	0.95	0.39	24.2	11.3	20
1893734		0.14	<0.01	0.13	0.65	6.3	<0.02	10	160	0.21	0.13	3.18	0.39	11.15	5.2	14
1893735		0.36	0.02	0.06	1.33	11.5	<0.02	<10	240	0.51	0.20	0.38	0.05	22.6	8.1	23
1893736		0.15	<0.01	0.14	1.07	12.0	<0.02	<10	200	0.41	0.25	1.17	0.33	33.8	13.1	20
1893737		0.24	<0.01	0.09	0.86	4.5	<0.02	<10	90	0.24	0.14	0.73	0.36	30.2	8.7	16
1893738		0.46	<0.01	0.15	1.05	12.4	<0.02	<10	260	0.44	0.21	0.47	0.21	23.8	8.5	22
1893739		0.36	<0.01	0.13	1.14	15.0	<0.02	<10	290	0.50	0.23	0.35	0.13	26.4	10.7	22



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Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Cs ppm	Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	Hg ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %
		0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
1893718		1.45	21.0	2.64	4.47	0.05	<0.02	0.03	0.019	0.09	15.7	25.2	0.46	552	0.75	0.01
1893719		0.84	24.7	2.65	2.95	0.06	0.03	0.03	0.017	0.05	19.2	14.6	0.41	958	1.08	<0.01
1893720		1.10	45.9	3.34	3.47	0.07	0.05	0.04	0.024	0.09	22.0	17.4	0.50	712	1.28	0.01
1893721		1.10	39.0	3.53	3.57	0.08	0.04	0.04	0.021	0.09	24.0	17.7	0.54	518	1.40	<0.01
1893722		0.95	32.1	2.63	3.28	0.06	0.04	0.04	0.021	0.08	17.2	17.2	0.49	274	0.75	0.01
1893723		0.99	35.9	2.06	3.21	0.06	0.04	0.04	0.020	0.06	18.2	16.2	0.44	757	0.57	0.01
1893724		1.07	38.2	2.23	3.37	0.07	0.05	0.05	0.024	0.08	18.0	17.2	0.49	527	0.99	0.01
1893725		1.00	28.5	3.09	2.86	0.06	0.03	0.03	0.015	0.06	17.1	14.2	0.43	336	1.28	0.01
1893726		1.00	27.9	2.72	3.35	0.06	0.03	0.02	0.018	0.08	17.8	19.6	0.48	610	0.71	0.01
1893727		1.35	50.0	3.30	4.26	0.08	0.06	0.04	0.029	0.12	23.0	22.4	0.57	431	0.98	<0.01
1893728		1.10	29.9	3.26	3.04	0.06	0.03	0.01	0.020	0.04	15.8	17.5	0.36	825	1.26	<0.01
1893729		0.96	31.7	2.84	3.08	0.07	0.04	0.03	0.018	0.07	19.8	17.9	0.44	801	0.88	<0.01
1893730		0.21	93.7	7.14	0.49	<0.05	<0.02	0.01	0.080	0.02	2.0	4.2	2.33	3560	2.34	<0.01
1893731		0.47	58.4	4.19	2.34	0.08	0.05	0.03	0.026	0.03	26.2	10.4	0.39	780	2.06	<0.01
1893732		0.61	33.5	2.85	2.92	0.07	0.03	0.03	0.019	0.05	20.0	12.8	0.36	517	0.91	<0.01
1893733		0.47	29.2	2.46	2.88	0.05	0.04	0.08	0.019	0.04	12.5	14.8	0.36	391	1.50	<0.01
1893734		0.46	17.1	1.43	1.89	<0.05	0.02	0.06	0.011	0.03	5.8	8.2	0.29	746	0.85	<0.01
1893735		0.64	20.5	2.44	3.95	0.05	0.03	0.03	0.024	0.02	11.6	14.4	0.36	257	0.97	<0.01
1893736		1.13	36.3	2.64	3.27	0.06	0.03	0.03	0.018	0.06	17.6	18.6	0.43	2600	0.73	<0.01
1893737		1.15	22.3	1.56	2.63	0.05	0.03	0.02	0.011	0.05	15.8	15.1	0.37	140	0.38	<0.01
1893738		0.38	33.6	2.59	3.00	0.05	0.05	0.05	0.019	0.03	13.4	14.6	0.47	399	0.94	<0.01
1893739		0.36	31.1	2.75	3.30	0.06	0.06	0.05	0.026	0.03	14.3	15.2	0.41	532	1.01	<0.01



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Sample Description	Method Analyte Units LOD	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
		ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
1893718		0.51	24.0	580	9.5	15.0	<0.001	0.05	0.45	1.3	0.4	0.4	14.0	<0.01	0.03	0.4
1893719		0.69	27.7	480	15.2	8.9	0.001	0.07	0.38	2.0	0.7	0.2	42.8	<0.01	0.05	3.9
1893720		0.77	39.0	710	18.6	10.4	0.001	0.04	0.57	3.1	0.6	0.2	29.1	<0.01	0.07	6.4
1893721		0.80	37.4	660	22.5	11.4	0.001	0.03	0.50	3.3	0.5	0.2	33.8	<0.01	0.06	7.6
1893722		0.80	28.0	630	19.2	10.4	0.003	0.12	0.47	2.5	1.0	0.2	70.8	<0.01	0.05	3.4
1893723		0.86	27.7	530	18.6	7.7	0.003	0.11	0.44	2.5	0.7	0.2	47.7	<0.01	0.04	4.3
1893724		0.92	32.9	620	23.0	9.4	0.003	0.18	0.63	2.7	0.9	0.2	60.7	<0.01	0.06	4.0
1893725		0.76	28.0	600	17.1	6.6	0.003	0.11	0.59	2.1	0.8	0.2	43.6	<0.01	0.06	4.6
1893726		0.84	28.7	560	17.2	11.0	0.002	0.07	0.45	2.4	0.5	0.2	40.9	<0.01	0.04	4.6
1893727		0.88	44.6	610	22.9	13.7	0.001	0.03	0.73	4.0	0.4	0.3	26.7	<0.01	0.06	9.0
1893728		0.79	33.9	580	29.1	6.8	<0.001	0.01	0.87	1.9	0.2	0.2	12.9	<0.01	0.05	8.1
1893729		0.84	33.3	710	18.5	11.6	<0.001	0.02	0.45	2.6	0.3	0.2	96.7	<0.01	0.04	7.0
1893730		<0.05	79.3	650	38.8	1.2	<0.001	0.65	1.48	2.5	0.9	<0.2	140.5	<0.01	0.73	3.7
1893731		0.43	46.8	830	17.3	4.0	<0.001	0.02	0.66	3.1	0.5	0.2	35.3	<0.01	0.12	7.8
1893732		0.54	30.3	710	17.7	5.9	<0.001	0.01	0.56	2.6	0.4	0.2	21.3	<0.01	0.04	5.4
1893733		0.57	31.8	840	14.2	5.5	<0.001	0.04	0.66	2.7	0.9	0.2	42.8	<0.01	0.03	2.4
1893734		0.43	16.9	840	8.7	4.6	0.001	0.17	0.47	1.1	1.4	<0.2	133.0	<0.01	0.03	0.5
1893735		0.70	24.3	400	13.2	5.9	<0.001	0.01	0.53	2.9	0.3	0.4	20.8	<0.01	0.04	2.8
1893736		0.88	33.2	640	18.9	9.8	0.003	0.08	0.43	2.3	1.3	0.2	77.9	<0.01	0.05	3.7
1893737		0.80	21.9	500	12.6	9.2	0.003	0.12	0.28	1.8	0.7	0.2	41.1	<0.01	0.01	4.9
1893738		0.53	27.6	790	13.6	4.5	<0.001	0.01	0.69	3.0	0.3	0.2	19.4	<0.01	0.03	3.3
1893739		0.53	31.3	600	15.3	4.4	<0.001	0.01	0.76	3.6	0.4	0.3	19.3	<0.01	0.03	3.5



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Sample Description	Method Analyte Units LOD	ME-MS41 Ti %	ME-MS41 Ti ppm	ME-MS41 U ppm	ME-MS41 V ppm	ME-MS41 W ppm	ME-MS41 Y ppm	ME-MS41 Zn ppm	ME-MS41 Zr ppm
1893718		0.033	0.15	0.82	37	0.22	5.94	80	<0.5
1893719		0.023	0.08	1.83	21	0.11	7.50	81	0.9
1893720		0.029	0.13	0.78	29	0.15	10.95	112	1.7
1893721		0.031	0.12	0.57	28	0.10	11.55	110	1.6
1893722		0.025	0.10	1.62	23	0.07	9.22	104	1.4
1893723		0.027	0.10	2.37	23	0.16	8.80	88	1.4
1893724		0.026	0.12	2.26	26	0.09	10.00	115	1.8
1893725		0.024	0.10	1.34	22	0.11	7.68	103	1.4
1893726		0.026	0.10	1.23	25	0.10	7.42	98	1.2
1893727		0.035	0.17	0.83	32	0.11	9.64	134	2.6
1893728		0.030	0.16	0.57	25	0.09	4.63	90	1.5
1893729		0.031	0.12	0.57	21	0.24	9.62	99	1.5
1893730		<0.005	0.05	0.55	3	0.05	6.39	225	<0.5
1893731		0.019	0.08	0.74	20	0.10	13.85	120	2.3
1893732		0.023	0.17	0.59	29	0.12	8.31	78	1.0
1893733		0.022	0.08	1.43	31	0.16	8.03	90	1.3
1893734		0.015	0.08	4.21	16	0.06	3.99	83	1.0
1893735		0.019	0.09	0.68	41	0.15	5.98	57	1.0
1893736		0.029	0.11	1.40	23	0.08	8.46	102	1.1
1893737		0.029	0.10	1.48	18	0.13	5.48	104	1.0
1893738		0.024	0.06	0.47	32	0.15	7.86	90	1.6
1893739		0.020	0.08	0.66	36	0.14	9.12	78	2.2



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To: AURORA GEOSCIENCES LTD.
3506 MCDONALD DRIVE
YELLOWKNIFE NT X1A 2H1

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Finalized Date: 7-OCT-2021
Account: AURGEO

Project: GEX

CERTIFICATE OF ANALYSIS WH21238426

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: NSS is non-sufficient sample.
ALL METHODS

Applies to Method: Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).
ME-MS41

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.
LOG-22 SCR-41 WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au-AA25 ME-MS41