

# MINERALS TEST REPORT

## CLIENT

### TODD RIVER METALS PTY LTD

PO Box 2019  
SUBIACO, W.A. 6904  
AUSTRALIA

## JOB INFORMATION

JOB CODE	: 2039.0/1810751
NO. SAMPLES	: 132
NO. ELEMENTS	: 34
CLIENT ORDER NO.	: Q180228 (Job 1 of 1)
SAMPLE SUBMISSION NO.	: 18MH17
PROJECT	: MH
SAMPLE TYPE	: Drill core
DATE RECEIVED	: 23/07/2018
DATE REPORTED	: 09/08/2018
DATE PRINTED	: 09/08/2018

## REPORT NOTES

## TESTED BY

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## SIGNIFICANT FIGURES

It is common practice to report data derived from analytical instrumentation to a maximum of two or three significant figures. Some data reported herein may show more figures than this. The reporting of more than two or three figures in no way implies that figures beyond the least significant digit have significance.

For more information on the uncertainty on individual reported values, please contact the laboratory.

## SAMPLE STORAGE

All solid samples (assay pulps, bulk pulps and residues) will be stored for 60 days without charge. Following this, samples will be stored at a daily rate until clients' written advice regarding return, collection or disposal is received. If storage information is not supplied on the submission, or arranged with the laboratory in writing, the default will be to store the samples with the applicable charges. Storage is charged at \$4.00 per m<sup>3</sup> per day, expenses related to the return or disposal of samples will be charged at cost. Current disposal cost is charged at \$150.00 per m<sup>3</sup>.

Samples received as liquids, waters or solutions will be held for 60 days free of charge then disposed of, unless written advice for return or collection is received.

<b>LEGEND</b>	X	= Less than Detection Limit	NA	= Not Analysed
	SNR	= Sample Not Received	UA	= Unable to Assay
	*	= Result Checked	>	= Value beyond Limit of Method
	DTF	= Result still to come	+	= Extra Sample Received Not Listed
	IS	= Insufficient Sample for Analysis		



ELEMENTS	Au	Ag	Al	As	Ba	Bi	Ca	Cd	Ce	Co
UNITS	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
DETECTION LIMIT	0.005	0.5	50	10	2	5	50	0.5	20	1
DIGEST	FA25/	4A/	4A/	4A/	4A/	4A/	4A/	4A/	4A/	4A/
ANALYTICAL FINISH	OE	OE	OE	OE	OE	OE	OE	OE	OE	OE
SAMPLE NUMBERS										
0001 MH181659	X	0.7	5.68%	11	319	X	2716	X	83	8
0002 MH181660	X	X	6.34%	X	399	X	2792	X	82	5
0003 MH181661	X	X	5.58%	12	330	X	2562	X	79	6
0004 MH181662	X	X	13.41%	23	1242	X	2677	0.6	107	16
0005 MH181663	X	X	4.98%	X	230	X	2157	X	68	4
0006 MH181664	X	1.1	3.69%	X	115	X	1647	0.6	77	3
0007 MH181665	X	X	3.68%	X	116	X	1745	X	57	3
0008 MH181666	X	X	5.49%	X	340	X	2132	X	86	4
0009 MH181667	X	X	12.67%	17	1156	X	1986	X	112	15
0010 MH181668	X	X	10.60%	15	925	X	1638	X	94	14
0011 MH181669	X	X	7.58%	15	553	X	2221	X	80	10
0012 MH181670	X	X	5.80%	14	362	X	2832	X	71	8
0013 MH181671	X	X	5.27%	X	322	X	3198	X	69	6
0014 MH181672	X	X	5.05%	X	290	X	3492	X	80	8
0015 MH181673	X	X	4.37%	X	280	X	2530	X	51	4
0016 MH181674	X	X	3.48%	X	210	X	2231	X	76	4
0017 MH181675	X	X	>15.00%	41	52	6	164	1.5	26	X
0018 MH181676	X	X	4.73%	X	284	X	3119	X	71	4
0019 MH181677	X	X	3.92%	X	212	X	2425	X	69	6
0020 MH181678	X	X	4.02%	X	207	X	2809	X	63	4
0021 MH181679	X	X	4.79%	X	286	X	2664	0.5	75	6
0022 MH181680	X	X	5.31%	X	344	X	2911	X	78	6
0023 MH181681	X	X	5.53%	X	399	X	2915	X	80	5
0024 MH181682	X	X	4.61%	X	248	X	2530	X	79	12
0025 MH181683	X	X	4.52%	X	254	X	2842	X	98	5
0026 MH181684	X	X	5.07%	X	333	X	3243	X	78	5
0027 MH181685	X	X	5.98%	X	460	X	3394	X	89	5
0028 MH181686	X	X	5.27%	X	356	X	3067	X	79	4
0029 MH181687	X	X	5.97%	X	442	X	3428	X	86	5
0030 MH181688	X	X	5.90%	X	411	X	3492	X	85	5
0031 MH181689	X	X	5.60%	X	365	X	3843	X	85	6
0032 MH181690	X	3.1	5.79%	11	545	6	1964	X	51	9
0033 MH181691	X	X	4.88%	X	290	X	1811	X	67	5
0034 MH181692	X	X	7.04%	X	574	X	2530	0.6	81	7
0035 MH181693	0.005	6.2	3.86%	X	157	14	1997	1.6	42	13
0036 MH181694	0.006	6.7	2.71%	X	211	12	452	7.7	25	29
0037 MH181695	X	4.8	2.22%	X	108	10	948	2.7	24	16
0038 MH181696	X	X	10.93%	16	1093	X	1631	X	109	18
0039 MH181697	X	X	4.81%	X	490	X	1618	X	64	5
0040 MH181698	X	X	6.53%	15	772	X	3026	0.5	88	8



ELEMENTS	Cr	Cu	Cu-Rp1	Fe	K	La	Li	Mg	Mn	Mo
UNITS	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
DETECTION LIMIT	5	1	10	0.01	20	20	1	20	1	2
DIGEST	4A/	4A/	4AH/	4A/	4A/	4A/	4A/	4A/	4A/	4A/
ANALYTICAL FINISH	OE	OE	OE	OE	OE	OE	OE	OE	OE	OE
SAMPLE NUMBERS										
0001 MH181659	27	545		2.44	1.92%	39	14	5793	369	X
0002 MH181660	36	23		2.45	2.19%	37	15	6001	384	X
0003 MH181661	27	3		2.27	1.86%	38	13	5287	337	X
0004 MH181662	79	8		4.99	5.31%	52	38	1.37%	629	4
0005 MH181663	21	8		1.96	1.43%	32	11	4732	289	2
0006 MH181664	14	11		1.32	7744	36	5	2568	226	X
0007 MH181665	18	9		1.21	7987	28	5	2564	209	X
0008 MH181666	44	1		2.06	1.56%	41	12	5448	306	3
0009 MH181667	69	3		4.73	5.10%	52	39	1.51%	614	2
0010 MH181668	58	2		4.83	4.17%	45	33	1.41%	588	X
0011 MH181669	53	3		3.89	2.86%	38	24	1.01%	542	X
0012 MH181670	33	X		2.63	1.98%	33	16	6480	401	X
0013 MH181671	24	43		2.23	1.66%	33	12	5063	363	X
0014 MH181672	29	152		2.36	1.50%	37	11	4762	389	X
0015 MH181673	30	185		1.81	1.25%	25	9	3949	335	X
0016 MH181674	24	195		1.53	9391	35	8	3232	267	X
0017 MH181675	159	15		16.04	1556	X	10	206	320	19
0018 MH181676	25	25		1.79	1.34%	33	10	3901	293	X
0019 MH181677	32	407		1.71	9509	34	7	3186	259	X
0020 MH181678	23	139		1.64	1.02%	30	8	3244	266	X
0021 MH181679	32	574		2.16	1.30%	33	12	4818	333	X
0022 MH181680	27	933		2.34	1.43%	36	13	5352	357	X
0023 MH181681	33	35		2.09	1.61%	38	13	5247	313	X
0024 MH181682	23	526		2.31	1.15%	38	11	5077	304	X
0025 MH181683	23	269		1.86	1.13%	47	11	4890	299	X
0026 MH181684	33	43		2.00	1.47%	37	12	4768	315	X
0027 MH181685	36	24		2.27	1.97%	40	16	5528	331	X
0028 MH181686	32	62		2.00	1.62%	38	14	4397	319	3
0029 MH181687	32	12		2.13	1.86%	40	15	5163	364	X
0030 MH181688	34	7		2.20	1.81%	40	14	5309	375	X
0031 MH181689	30	9		2.12	1.11%	40	13	6593	250	X
0032 MH181690	33	669		3.29	1.99%	23	22	9999	284	6
0033 MH181691	30	9		1.95	1.23%	32	12	5973	222	X
0034 MH181692	40	24		3.02	2.01%	39	22	1.00%	345	X
0035 MH181693	34	4101		3.65	6235	21	14	9344	335	X
0036 MH181694	20	6066		3.81	8406	X	14	7910	319	X
0037 MH181695	19	2983		3.68	4947	X	14	8904	377	X
0038 MH181696	75	486		6.21	4.23%	52	40	1.51%	657	3
0039 MH181697	26	23		2.14	1.73%	31	15	4858	267	X
0040 MH181698	44	19		2.71	2.75%	41	16	6520	320	X



ELEMENTS	Na	Ni	P	Pb	Pb-Rp1	S	Sb	Sc	Sn	Sr
UNITS	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
DETECTION LIMIT	20	1	50	5	50	50	5	1	5	1
DIGEST	4A/	4A/	4A/	4A/	4AH/	4A/	4A/	4A/	4A/	4A/
ANALYTICAL FINISH	OE	OE	OE	OE	OE	OE	OE	OE	OE	OE
SAMPLE NUMBERS										
0001 MH181659	1.12%	15	448	116		1502	X	6	X	40
0002 MH181660	1.29%	15	473	52		68	X	7	5	46
0003 MH181661	1.36%	14	436	56		130	X	6	X	41
0004 MH181662	1.44%	40	612	64		180	X	18	18	51
0005 MH181663	1.46%	10	430	61		X	X	4	X	35
0006 MH181664	1.49%	6	329	530		330	X	3	X	29
0007 MH181665	1.51%	6	305	47		X	X	3	X	31
0008 MH181666	1.48%	11	440	42		87	X	5	X	37
0009 MH181667	8942	40	668	37		110	X	17	17	31
0010 MH181668	7876	36	542	62		X	X	14	9	27
0011 MH181669	1.17%	24	490	38		130	X	11	9	34
0012 MH181670	1.48%	16	416	52		X	X	6	5	46
0013 MH181671	1.59%	14	411	62		204	X	5	X	55
0014 MH181672	1.66%	13	418	80		947	X	5	X	59
0015 MH181673	1.42%	10	418	42		316	X	5	6	40
0016 MH181674	1.30%	9	346	40		338	X	3	X	38
0017 MH181675	117	11	126	11		472	7	11	6	4
0018 MH181676	1.62%	10	400	41		239	X	4	X	57
0019 MH181677	1.50%	10	333	39		2248	X	4	X	46
0020 MH181678	1.56%	9	360	43		603	X	4	X	57
0021 MH181679	1.67%	10	554	48		748	X	5	5	45
0022 MH181680	1.71%	12	611	40		1172	X	5	5	48
0023 MH181681	1.56%	12	450	35		326	X	6	X	58
0024 MH181682	1.55%	13	378	76		3144	X	4	X	52
0025 MH181683	1.61%	11	604	57		789	X	4	5	48
0026 MH181684	1.65%	12	415	51		741	X	5	X	66
0027 MH181685	1.62%	14	478	62		272	X	6	9	65
0028 MH181686	1.57%	11	450	162		311	X	5	7	60
0029 MH181687	1.83%	14	487	46		219	X	6	X	66
0030 MH181688	1.88%	13	520	44		113	X	6	X	70
0031 MH181689	2.11%	13	477	134		137	X	5	X	91
0032 MH181690	8631	18	477	715		1551	X	7	18	35
0033 MH181691	1.52%	11	397	44		75	X	5	8	36
0034 MH181692	1.73%	18	460	73		134	X	8	14	55
0035 MH181693	1.31%	11	237	2922		7739	X	4	20	48
0036 MH181694	1064	10	165	738		1.34%	X	2	22	5
0037 MH181695	1517	9	394	885		5832	X	3	8	4
0038 MH181696	3895	34	699	146		2215	X	15	29	17
0039 MH181697	7727	10	385	110		243	X	4	X	25
0040 MH181698	1.15%	17	503	33		332	X	7	6	46



ELEMENTS	Te	Ti	Tl	V	W	Zn	Zn-Rp1
UNITS	ppm	ppm	ppm	ppm	ppm	ppm	ppm
DETECTION LIMIT	5	5	5	1	5	1	50
DIGEST	4A/	4A/	4A/	4A/	4A/	4A/	4AH/
ANALYTICAL FINISH	OE	OE	OE	OE	OE	OE	OE
SAMPLE NUMBERS							
0001 MH181659	X	2300	X	31	X	731	
0002 MH181660	X	2402	X	39	X	338	
0003 MH181661	X	2118	X	32	X	365	
0004 MH181662	X	4216	X	96	X	751	
0005 MH181663	X	1746	X	25	X	464	
0006 MH181664	X	1142	X	16	X	784	
0007 MH181665	X	1118	X	15	X	224	
0008 MH181666	X	1841	X	29	X	553	
0009 MH181667	X	3886	X	85	X	1057	
0010 MH181668	X	3247	X	72	X	4882	
0011 MH181669	X	3477	X	55	X	1078	
0012 MH181670	X	2287	X	36	X	482	
0013 MH181671	X	2040	X	31	X	409	
0014 MH181672	X	1973	X	29	X	469	
0015 MH181673	X	1762	X	28	X	334	
0016 MH181674	X	1360	X	20	X	141	
0017 MH181675	X	8803	X	431	X	10	
0018 MH181676	X	1811	X	25	X	88	
0019 MH181677	X	1431	X	21	X	300	
0020 MH181678	X	1488	X	20	X	375	
0021 MH181679	X	1837	X	27	X	797	
0022 MH181680	X	2088	X	30	X	630	
0023 MH181681	X	2185	X	31	X	286	
0024 MH181682	X	1746	X	23	X	435	
0025 MH181683	X	1693	X	25	X	105	
0026 MH181684	X	1910	X	28	X	46	
0027 MH181685	X	2376	X	36	X	81	
0028 MH181686	X	2051	X	32	X	57	
0029 MH181687	X	2405	X	35	X	37	
0030 MH181688	X	2316	X	35	X	44	
0031 MH181689	X	2136	X	32	X	82	
0032 MH181690	X	1943	X	44	5	356	
0033 MH181691	X	1670	X	24	X	73	
0034 MH181692	X	2441	X	42	X	123	
0035 MH181693	X	1152	X	25	X	1493	
0036 MH181694	X	919	X	19	X	5929	
0037 MH181695	X	1030	X	17	X	2217	
0038 MH181696	X	3428	X	82	10	563	
0039 MH181697	X	1723	X	25	X	112	
0040 MH181698	X	2598	X	40	X	102	



ELEMENTS	Au	Ag	Al	As	Ba	Bi	Ca	Cd	Ce	Co
UNITS	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
DETECTION LIMIT	0.005	0.5	50	10	2	5	50	0.5	20	1
DIGEST	FA25/	4A/	4A/	4A/	4A/	4A/	4A/	4A/	4A/	4A/
ANALYTICAL FINISH	OE	OE	OE	OE	OE	OE	OE	OE	OE	OE
SAMPLE NUMBERS										
0041 MH181699	X	X	5.02%	X	716	X	2256	X	78	5
0042 MH181700	0.344	0.6	4.89%	X	10	X	1267	X	X	X
0043 MH181701	X	X	5.32%	X	723	X	2865	X	79	7
0044 MH181702	X	X	5.06%	X	571	X	2861	X	72	5
0045 MH181703	X	X	5.32%	12	590	X	2024	X	70	7
0046 MH181704	X	X	5.21%	10	588	X	2378	X	78	5
0047 MH181705	0.009	21.0	4.60%	14	281	42	1347	6.9	44	51
0048 MH181706	X	0.7	5.11%	10	538	X	2314	X	66	6
0049 MH181707	0.009	26.2	3.03%	20	273	81	1415	11.1	44	25
0050 MH181708	X	6.3	4.79%	23	442	15	2411	3.2	64	18
0051 MH181709	0.011	24.8	2.33%	10	346	41	1440	20.9	34	36
0052 MH181710	0.007	9.5	3.37%	13	298	X	1298	7.9	37	47
0053 MH181711	0.009	27.9	1.05%	X	95	67	371	9.7	X	32
0054 MH181712	0.012	34.8	3.37%	X	322	95	1253	35.4	42	45
0055 MH181713	0.017	43.8	4428	11	36	97	147	12.4	X	35
0056 MH181714	0.012	31.2	2332	17	18	102	X	10.2	X	28
0057 MH181715	0.037	107.7	1725	20	12	59	X	19.6	X	190
0058 MH181716	X	4.0	2320	X	18	8	X	2.1	X	17
0059 MH181717	0.017	33.2	2.04%	X	225	79	831	29.1	44	48
0060 MH181718	X	4.2	7.33%	10	1172	8	2015	0.7	52	8
0061 MH181719	0.006	8.2	7.22%	20	1117	22	2165	5.1	79	28
0062 MH181720	X	2.5	8.98%	15	1578	X	1773	X	92	18
0063 MH181721	0.006	12.3	4.10%	X	618	30	1168	11.3	74	31
0064 MH181722	X	6.0	6.90%	13	1142	13	2376	6.2	64	10
0065 MH181723	X	0.8	7.40%	17	967	X	2380	X	72	9
0066 MH181724	0.045	6.4	6.01%	15	720	13	1553	5.8	65	13
0067 MH181725	0.020	X	5.77%	19	30	X	1.68%	X	X	27
0068 MH181726	X	7.7	4.28%	X	484	17	1458	11.1	49	14
0069 MH181727	0.039	147.7	2.41%	X	253	409	819	130.9	25	66
0070 MH181728	0.020	92.3	5.06%	17	279	266	853	79.8	48	44
0071 MH181729	0.008	36.3	9.36%	46	424	82	1124	18.1	34	35
0072 MH181730	0.041	249.6	5.47%	128	249	651	656	98.4	38	145
0073 MH181731	0.006	22.9	4.74%	21	372	36	1779	24.0	68	22
0074 MH181732	0.075	332.2	1.66%	43	78	903	152	194.7	X	186
0075 MH181733	X	4.1	5.48%	15	561	8	1405	4.6	70	8
0076 MH181734	0.006	35.2	5.29%	16	500	79	1335	47.6	57	18
0077 MH181735	0.011	62.0	5.57%	81	414	154	1199	51.4	62	23
0078 MH181736	0.042	133.0	2.95%	2287	170	278	931	127.0	23	204
0079 MH181737	X	2.7	6.86%	11	233	X	3230	2.1	X	3
0080 MH181738	0.005	9.4	5.59%	116	70	10	1791	5.9	X	46



ELEMENTS	Cr	Cu	Cu-Rp1	Fe	K	La	Li	Mg	Mn	Mo
UNITS	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
DETECTION LIMIT	5	1	10	0.01	20	20	1	20	1	2
DIGEST	4A/	4A/	4AH/	4A/	4A/	4A/	4A/	4A/	4A/	4A/
ANALYTICAL FINISH	OE	OE	OE	OE	OE	OE	OE	OE	OE	OE
SAMPLE NUMBERS										
0041 MH181699	24	7		2.25	1.92%	36	13	5198	308	X
0042 MH181700	10	201		0.22	4.58%	X	5	361	45	X
0043 MH181701	26	4		2.69	1.93%	38	16	6499	383	X
0044 MH181702	26	6		2.31	1.49%	32	13	5196	337	X
0045 MH181703	29	72		3.27	1.71%	33	17	7257	432	X
0046 MH181704	27	7		2.45	1.73%	36	14	5328	313	X
0047 MH181705	22	>2.00%	2.24%	8.76	1.09%	21	16	9594	702	X
0048 MH181706	23	381		2.65	1.40%	31	14	5714	344	X
0049 MH181707	17	4538		3.69	6850	21	9	4541	330	X
0050 MH181708	28	946		3.22	1.11%	30	11	4645	356	X
0051 MH181709	12	1.32%		4.63	8824	X	9	2863	242	X
0052 MH181710	10	8907		5.51	8473	X	10	4159	376	X
0053 MH181711	X	1.12%		4.04	3095	X	4	1491	199	X
0054 MH181712	11	8683		6.00	1.18%	21	13	5169	420	X
0055 MH181713	X	1.31%		4.14	1053	X	2	943	187	X
0056 MH181714	25	6517		2.92	600	X	1	416	148	X
0057 MH181715	X	>2.00%	12.23%	17.93	184	X	1	294	126	X
0058 MH181716	X	3229		1.96	624	X	1	475	123	X
0059 MH181717	13	1.40%		5.35	7393	20	6	1891	215	X
0060 MH181718	44	2261		3.27	3.21%	23	25	4989	339	2
0061 MH181719	43	1751		5.31	3.08%	37	23	7144	459	X
0062 MH181720	56	1471		6.75	4.09%	43	29	8328	689	X
0063 MH181721	22	2856		5.16	1.81%	35	14	4612	437	X
0064 MH181722	39	492		4.03	2.58%	31	18	4951	464	X
0065 MH181723	36	275		5.30	2.70%	34	22	7152	704	X
0066 MH181724	41	1115		5.00	2.15%	29	16	6046	621	X
0067 MH181725	49	40		2.83	3.77%	X	6	8077	348	9
0068 MH181726	20	1283		3.98	1.36%	23	9	3930	403	X
0069 MH181727	14	>2.00%	2.66%	8.59	8706	X	6	2479	281	X
0070 MH181728	25	1.68%		7.03	1.81%	20	18	9656	438	X
0071 MH181729	49	1.14%		8.09	3.16%	X	34	2.25%	736	X
0072 MH181730	23	>2.00%	4.10%	13.31	1.81%	X	20	1.34%	558	X
0073 MH181731	25	3604		3.98	9646	32	8	5416	350	X
0074 MH181732	X	>2.00%	5.25%	17.65	4841	X	8	4280	340	X
0075 MH181733	30	943		3.27	1.82%	33	12	4972	372	X
0076 MH181734	24	5607		5.07	1.71%	28	12	5193	424	X
0077 MH181735	27	6884		5.37	2.28%	29	15	7726	521	X
0078 MH181736	11	>2.00%	5.79%	16.21	1.04%	X	10	7231	608	X
0079 MH181737	11	1444		2.07	1.80%	X	13	4542	264	3
0080 MH181738	X	1.64%		13.97	7837	X	27	2.40%	1232	2





ELEMENTS	Na	Ni	P	Pb	Pb-Rp1	S	Sb	Sc	Sn	Sr
UNITS	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
DETECTION LIMIT	20	1	50	5	50	50	5	1	5	1
DIGEST	4A/	4A/	4A/	4A/	4AH/	4A/	4A/	4A/	4A/	4A/
ANALYTICAL FINISH	OE	OE	OE	OE	OE	OE	OE	OE	OE	OE
SAMPLE NUMBERS										
0041 MH181699	1.29%	11	420	66		60	X	5	X	35
0042 MH181700	1.23%	10	475	24		617	X	X	X	20
0043 MH181701	1.17%	12	476	59		64	X	5	7	22
0044 MH181702	1.30%	11	433	197		180	X	5	X	32
0045 MH181703	9477	13	434	183		159	X	5	X	30
0046 MH181704	1.08%	12	441	207		145	X	5	X	42
0047 MH181705	1.14%	11	326	3731		3.52%	X	5	44	18
0048 MH181706	1.33%	10	406	298		701	X	5	X	46
0049 MH181707	8995	8	228	7557		1.19%	X	3	11	33
0050 MH181708	1.77%	10	466	1817		2935	X	4	9	59
0051 MH181709	4125	6	488	4560		2.74%	X	2	73	19
0052 MH181710	1.04%	11	193	903		2.46%	X	3	54	39
0053 MH181711	2497	6	85	5736		2.24%	X	X	52	9
0054 MH181712	9169	7	244	8144		3.18%	X	3	54	33
0055 MH181713	300	5	X	7727		2.49%	X	X	90	2
0056 MH181714	87	6	X	8866		1.66%	X	X	57	X
0057 MH181715	91	26	X	5873		>10.00%	X	X	170	X
0058 MH181716	52	3	X	604		7743	X	X	13	X
0059 MH181717	5156	10	159	8024		3.86%	X	2	60	19
0060 MH181718	8290	7	607	1070		4390	X	8	54	33
0061 MH181719	1.21%	20	448	2531		1.50%	X	8	50	46
0062 MH181720	9317	23	481	977		7770	X	11	24	38
0063 MH181721	6583	10	286	4906		1.77%	X	5	14	26
0064 MH181722	1.35%	14	399	3113		4771	X	7	19	54
0065 MH181723	1.09%	19	461	821		973	X	8	8	42
0066 MH181724	1.04%	15	364	3200		6120	X	8	8	25
0067 MH181725	1.53%	31	615	65		257	X	8	X	71
0068 MH181726	1.06%	8	239	3364		9649	X	4	X	28
0069 MH181727	4604	11	189	>1.00%	5.37%	>10.00%	X	2	48	12
0070 MH181728	4846	5	291	>1.00%	3.01%	5.92%	X	6	49	9
0071 MH181729	3129	8	521	8923		2.34%	X	11	65	8
0072 MH181730	2879	13	269	>1.00%	7.01%	>10.00%	9	5	113	6
0073 MH181731	2.04%	7	340	4682		1.51%	X	5	7	28
0074 MH181732	1108	23	56	>1.00%	10.03%	>10.00%	8	X	111	2
0075 MH181733	1.22%	13	435	1374		3611	X	6	10	24
0076 MH181734	1.48%	12	341	>1.00%	1.39%	3.18%	X	6	25	28
0077 MH181735	3767	8	507	>1.00%	2.15%	3.38%	X	6	38	8
0078 MH181736	2305	29	331	>1.00%	6.06%	>10.00%	19	2	63	8
0079 MH181737	2.48%	3	1411	985		2722	X	3	32	23
0080 MH181738	1.00%	16	759	811		5.38%	X	2	34	8



ELEMENTS	Te	Ti	Tl	V	W	Zn	Zn-Rp1
UNITS	ppm	ppm	ppm	ppm	ppm	ppm	ppm
DETECTION LIMIT	5	5	5	1	5	1	50
DIGEST	4A/	4A/	4A/	4A/	4A/	4A/	4AH/
ANALYTICAL FINISH	OE	OE	OE	OE	OE	OE	OE
SAMPLE NUMBERS							
0041 MH181699	X	1897	X	27	X	82	
0042 MH181700	X	200	10	3	X	309	
0043 MH181701	X	2204	X	31	X	142	
0044 MH181702	X	2011	X	29	X	327	
0045 MH181703	X	2014	X	30	X	157	
0046 MH181704	X	2026	X	29	X	190	
0047 MH181705	X	1690	X	27	X	4079	
0048 MH181706	X	1965	X	28	X	243	
0049 MH181707	X	1113	X	17	X	7624	
0050 MH181708	X	1698	X	25	X	2838	
0051 MH181709	X	690	X	12	X	1.35%	
0052 MH181710	X	994	X	17	X	5051	
0053 MH181711	X	433	X	5	X	6179	
0054 MH181712	X	1175	X	18	X	>2.00%	2.33%
0055 MH181713	X	24	X	2	X	7557	
0056 MH181714	X	41	X	2	X	6342	
0057 MH181715	8	56	X	X	X	1.13%	
0058 MH181716	X	74	X	X	X	1295	
0059 MH181717	X	724	X	11	X	1.82%	
0060 MH181718	X	2279	X	47	X	882	
0061 MH181719	X	2589	X	46	X	3954	
0062 MH181720	X	2896	X	61	X	959	
0063 MH181721	X	1407	X	27	X	7640	
0064 MH181722	X	2211	X	42	X	4633	
0065 MH181723	X	2609	X	46	X	841	
0066 MH181724	X	2439	X	42	X	4886	
0067 MH181725	X	3011	5	69	X	100	
0068 MH181726	X	1464	X	25	X	9047	
0069 MH181727	5	841	X	16	X	>2.00%	8.99%
0070 MH181728	X	1621	X	33	X	>2.00%	5.37%
0071 MH181729	X	2360	X	58	6	1.17%	
0072 MH181730	6	1258	X	33	X	>2.00%	6.57%
0073 MH181731	X	1906	X	30	X	1.61%	
0074 MH181732	8	217	5	8	X	>2.00%	13.07%
0075 MH181733	X	2230	X	35	X	3525	
0076 MH181734	11	1885	X	34	X	>2.00%	3.22%
0077 MH181735	X	2139	X	33	X	>2.00%	3.52%
0078 MH181736	X	931	X	18	X	>2.00%	9.19%
0079 MH181737	X	455	X	9	6	1824	
0080 MH181738	X	385	X	7	X	4249	



ELEMENTS	Au	Ag	Al	As	Ba	Bi	Ca	Cd	Ce	Co
UNITS	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
DETECTION LIMIT	0.005	0.5	50	10	2	5	50	0.5	20	1
DIGEST	FA25/	4A/	4A/	4A/	4A/	4A/	4A/	4A/	4A/	4A/
ANALYTICAL FINISH	OE	OE	OE	OE	OE	OE	OE	OE	OE	OE
SAMPLE NUMBERS										
0081 MH181739	0.048	132.8	2.79%	1316	258	231	736	149.6	X	181
0082 MH181740	X	0.8	5.13%	118	700	X	1171	X	60	7
0083 MH181741	0.011	15.0	7.04%	122	1041	X	1584	4.6	72	11
0084 MH181742	0.010	24.6	6.19%	37	602	24	1630	48.0	57	24
0085 MH181743	X	3.5	8.57%	218	880	X	1280	4.1	83	13
0086 MH181744	0.008	0.6	7.31%	180	844	X	1313	X	78	10
0087 MH181745	X	3.2	6.85%	105	761	X	1530	5.7	74	12
0088 MH181746	0.040	45.1	4.46%	16	499	52	940	72.8	41	36
0089 MH181747	0.031	81.0	4.55%	56	354	268	938	166.5	23	63
0090 MH181748	0.006	6.8	7.60%	12	376	17	975	24.2	X	14
0091 MH181749	X	0.6	6.99%	X	90	X	2901	X	X	X
0092 MH181750	0.448	3.4	7.64%	58	1145	X	3.93%	1.2	98	27
0093 MH181751	X	X	7.82%	11	151	X	2796	X	X	X
0094 MH181752	X	X	7.39%	X	35	X	1673	X	X	X
0095 MH181753	X	X	7.62%	X	75	X	2019	0.5	X	X
0096 MH181754	X	1.2	7.07%	X	94	X	3029	X	X	X
0097 MH181755	X	X	8.40%	11	124	X	3203	X	X	X
0098 MH181756	X	0.6	7.93%	13	116	X	3359	X	X	X
0099 MH181757	X	2.8	6.85%	X	100	X	3123	0.5	X	7
0100 MH181758	0.016	10.2	6.30%	X	79	X	2450	3.3	X	42
0101 MH181759	X	2.9	7.14%	X	120	X	2552	0.7	X	4
0102 MH181760	X	0.5	7.57%	10	57	X	2546	X	X	X
0103 MH181761	0.006	17.3	7.06%	X	110	44	2688	31.6	X	10
0104 MH181762	0.046	197.5	1.53%	27	150	429	380	255.9	X	95
0105 MH181763	X	2.9	5.30%	54	509	X	1227	2.9	61	5
0106 MH181764	0.015	102.6	5.32%	253	519	140	1728	60.0	55	48
0107 MH181765	0.006	21.4	8.03%	21	345	34	5002	113.9	X	30
0108 MH181766	X	2.3	5.72%	25	476	X	1388	34.8	75	13
0109 MH181767	0.047	288.7	2005	36	20	972	52	447.4	X	173
0110 MH181768	0.056	210.6	8000	52	58	684	185	363.6	X	146
0111 MH181769	0.022	77.7	3.80%	52	279	296	876	156.2	62	67
0112 MH181770	0.039	206.3	1.78%	92	174	571	832	285.4	X	112
0113 MH181771	0.052	326.7	715	118	9	963	X	428.3	X	171
0114 MH181772	0.031	244.6	8349	123	79	809	168	412.5	X	168
0115 MH181773	X	1.6	13.69%	131	1422	X	2564	1.2	99	17
0116 MH181774	X	14.4	7.67%	12	217	38	3953	25.4	X	10
0117 MH181775	0.022	X	5.71%	18	30	X	1.70%	X	X	27
0118 MH181776	X	3.3	5.35%	X	102	8	2050	8.7	X	3
0119 MH181777	0.006	5.6	7.82%	14	143	8	4698	2.9	X	2
0120 MH181778	X	1.3	7.56%	X	129	X	4545	1.5	X	3



ELEMENTS	Cr	Cu	Cu-Rp1	Fe	K	La	Li	Mg	Mn	Mo
UNITS	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
DETECTION LIMIT	5	1	10	0.01	20	20	1	20	1	2
DIGEST	4A/	4A/	4AH/	4A/	4A/	4A/	4A/	4A/	4A/	4A/
ANALYTICAL FINISH	OE	OE	OE	OE	OE	OE	OE	OE	OE	OE
SAMPLE NUMBERS										
0081 MH181739	14	>2.00%	6.28%	18.41	1.14%	X	11	4112	423	X
0082 MH181740	27	125		2.01	2.23%	28	16	3606	227	X
0083 MH181741	39	4625		4.38	3.13%	33	24	6134	428	X
0084 MH181742	34	1.29%		7.11	2.64%	27	21	5558	441	X
0085 MH181743	46	3113		4.87	4.12%	38	30	6940	459	X
0086 MH181744	43	516		3.04	3.47%	37	23	5013	342	X
0087 MH181745	41	3239		4.40	3.15%	35	24	7059	413	X
0088 MH181746	25	1.42%		7.22	2.09%	X	17	3906	351	X
0089 MH181747	17	>2.00%	3.24%	11.46	2.05%	X	19	4094	509	17
0090 MH181748	X	521		2.46	3.34%	X	21	1451	183	25
0091 MH181749	12	143		0.78	1.41%	X	7	741	150	X
0092 MH181750	158	3610		5.94	2.26%	57	12	1.89%	827	61
0093 MH181751	X	226		0.67	2.85%	X	5	657	172	X
0094 MH181752	X	169		0.54	2.98%	X	6	318	190	X
0095 MH181753	X	80		0.50	3.06%	X	6	429	302	X
0096 MH181754	X	403		0.81	1.74%	X	7	922	225	X
0097 MH181755	X	126		1.09	2.51%	X	10	1428	869	10
0098 MH181756	X	464		0.95	2.66%	X	10	1045	458	9
0099 MH181757	X	4714		2.92	2.24%	X	19	3120	496	X
0100 MH181758	X	>2.00%	2.66%	11.25	2.57%	X	36	9313	1120	X
0101 MH181759	X	4740		1.54	2.39%	X	9	1022	162	X
0102 MH181760	X	147		0.68	1.76%	X	5	650	424	X
0103 MH181761	X	2893		1.57	2.30%	X	5	476	190	X
0104 MH181762	5	1.44%		9.59	6747	X	7	1878	571	X
0105 MH181763	28	1436		3.30	2.14%	28	18	4022	469	2
0106 MH181764	29	8862		5.46	2.22%	26	19	3593	543	4
0107 MH181765	9	3585		2.77	2.11%	X	10	1070	294	X
0108 MH181766	28	727		3.26	2.72%	35	22	5257	483	X
0109 MH181767	X	>2.00%	3.42%	17.58	833	X	2	254	691	X
0110 MH181768	X	1.86%		14.36	3041	X	4	1383	660	X
0111 MH181769	17	1283		8.52	1.71%	29	17	4225	679	X
0112 MH181770	5	>2.00%	2.60%	11.43	7317	X	7	2312	668	X
0113 MH181771	X	>2.00%	3.64%	15.84	193	X	X	100	667	X
0114 MH181772	X	>2.00%	2.54%	15.32	4138	X	4	850	734	X
0115 MH181773	71	201		4.98	6.77%	44	47	1.06%	773	X
0116 MH181774	X	3064		1.97	2.11%	X	11	1362	221	3
0117 MH181775	43	38		2.83	3.83%	X	6	8072	346	9
0118 MH181776	X	701		0.98	1.15%	X	5	669	113	X
0119 MH181777	X	478		0.66	1.24%	X	6	795	88	X
0120 MH181778	X	916		1.11	1.14%	X	6	1073	133	X



ELEMENTS	Na	Ni	P	Pb	Pb-Rp1	S	Sb	Sc	Sn	Sr
UNITS	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
DETECTION LIMIT	20	1	50	5	50	50	5	1	5	1
DIGEST	4A/	4A/	4A/	4A/	4AH/	4A/	4A/	4A/	4A/	4A/
ANALYTICAL FINISH	OE	OE	OE	OE	OE	OE	OE	OE	OE	OE
SAMPLE NUMBERS										
0081 MH181739	3247	31	202	>1.00%	6.44%	>10.00%	14	3	160	10
0082 MH181740	6974	12	393	434		592	X	5	5	15
0083 MH181741	9173	16	437	3476		8640	X	8	11	26
0084 MH181742	9692	13	459	>1.00%	1.58%	4.61%	X	7	25	25
0085 MH181743	5013	16	517	1703		9004	X	10	8	17
0086 MH181744	5939	21	500	821		1683	X	9	10	14
0087 MH181745	9185	19	481	2426		8111	X	8	23	23
0088 MH181746	6880	11	306	>1.00%	2.47%	6.18%	X	5	37	13
0089 MH181747	7075	17	255	>1.00%	6.36%	>10.00%	7	3	179	15
0090 MH181748	8476	2	453	2555		2.64%	X	2	82	14
0091 MH181749	3.60%	X	1440	755		460	X	1	32	29
0092 MH181750	2.34%	2232	1035	1992		4072	X	18	5	279
0093 MH181751	3.56%	2	1683	624		484	X	2	32	30
0094 MH181752	2.90%	X	1457	374		323	X	3	40	15
0095 MH181753	3.14%	X	1561	572		156	X	3	39	18
0096 MH181754	3.38%	X	1692	1558		868	X	1	39	21
0097 MH181755	3.82%	2	2033	403		262	X	2	41	23
0098 MH181756	3.42%	X	2022	450		846	X	X	34	27
0099 MH181757	2.45%	3	1659	236		8693	X	X	62	15
0100 MH181758	1.62%	16	1202	135		5.71%	5	X	83	9
0101 MH181759	2.93%	1	1300	559		7757	X	3	42	17
0102 MH181760	3.97%	X	1149	242		733	X	7	24	14
0103 MH181761	3.41%	2	1568	5742		1.71%	X	3	44	19
0104 MH181762	1608	13	97	>1.00%	5.21%	>10.00%	X	X	105	5
0105 MH181763	7571	3	407	962		3409	X	6	14	13
0106 MH181764	9301	6	609	>1.00%	1.89%	4.10%	X	6	50	19
0107 MH181765	3.86%	5	2234	4327		4.78%	X	X	31	33
0108 MH181766	8230	12	493	621		1.36%	X	6	18	15
0109 MH181767	250	25	X	>1.00%	10.89%	>10.00%	9	X	109	X
0110 MH181768	598	21	73	>1.00%	8.27%	>10.00%	X	X	68	2
0111 MH181769	5109	19	295	>1.00%	3.53%	8.68%	X	3	35	9
0112 MH181770	3454	15	146	>1.00%	6.79%	>10.00%	6	1	95	12
0113 MH181771	63	19	X	>1.00%	11.13%	>10.00%	14	X	87	X
0114 MH181772	833	20	60	>1.00%	9.64%	>10.00%	12	X	100	2
0115 MH181773	9728	37	1047	615		1360	X	17	54	27
0116 MH181774	3.15%	3	1831	5172		1.42%	X	3	61	24
0117 MH181775	1.59%	33	611	61		235	X	8	X	71
0118 MH181776	2.85%	1	913	1334		4635	X	3	26	16
0119 MH181777	4.26%	X	2193	1145		2305	X	1	26	32
0120 MH181778	4.25%	2	2008	241		3009	X	2	28	31



ELEMENTS	Te	Ti	Tl	V	W	Zn	Zn-Rp1
UNITS	ppm	ppm	ppm	ppm	ppm	ppm	ppm
DETECTION LIMIT	5	5	5	1	5	1	50
DIGEST	4A/	4A/	4A/	4A/	4A/	4A/	4AH/
ANALYTICAL FINISH	OE	OE	OE	OE	OE	OE	OE
SAMPLE NUMBERS							
0081 MH181739	X	792	6	16	X	>2.00%	10.13%
0082 MH181740	X	1795	X	30	X	237	
0083 MH181741	X	2367	X	46	X	3647	
0084 MH181742	6	2098	X	39	X	>2.00%	3.25%
0085 MH181743	X	2612	X	51	5	3351	
0086 MH181744	X	2747	X	51	6	607	
0087 MH181745	X	2441	X	43	X	4064	
0088 MH181746	X	1604	X	27	X	>2.00%	4.69%
0089 MH181747	X	945	X	20	X	>2.00%	11.39%
0090 MH181748	X	118	X	1	5	>2.00%	4.10%
0091 MH181749	X	56	X	X	X	287	
0092 MH181750	7	6822	X	155	X	1092	
0093 MH181751	X	57	X	X	X	284	
0094 MH181752	X	100	X	X	6	185	
0095 MH181753	X	88	X	X	6	55	
0096 MH181754	X	60	X	X	5	165	
0097 MH181755	X	79	X	X	7	100	
0098 MH181756	X	57	X	X	6	135	
0099 MH181757	X	40	X	X	6	638	
0100 MH181758	X	53	X	X	10	2190	
0101 MH181759	X	116	X	X	6	684	
0102 MH181760	X	119	X	X	X	500	
0103 MH181761	6	65	X	X	X	1.84%	
0104 MH181762	X	317	X	5	X	>2.00%	15.20%
0105 MH181763	X	2152	X	30	X	2205	
0106 MH181764	14	2099	X	28	X	>2.00%	3.53%
0107 MH181765	X	93	X	3	X	>2.00%	6.69%
0108 MH181766	X	2020	X	31	X	>2.00%	2.01%
0109 MH181767	X	50	X	X	X	>2.00%	27.32%
0110 MH181768	X	185	X	3	X	>2.00%	23.39%
0111 MH181769	X	1298	X	20	X	>2.00%	9.61%
0112 MH181770	X	643	X	11	X	>2.00%	17.04%
0113 MH181771	X	8	6	X	X	>2.00%	27.55%
0114 MH181772	X	275	X	3	X	>2.00%	27.58%
0115 MH181773	X	3981	X	93	8	1477	
0116 MH181774	X	245	X	4	6	1.60%	
0117 MH181775	X	3017	X	67	X	105	
0118 MH181776	X	64	X	X	X	5388	
0119 MH181777	X	61	X	X	X	2040	
0120 MH181778	X	58	X	X	X	1254	



ELEMENTS	Au	Ag	Al	As	Ba	Bi	Ca	Cd	Ce	Co
UNITS	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
DETECTION LIMIT	0.005	0.5	50	10	2	5	50	0.5	20	1
DIGEST	FA25/	4A/	4A/	4A/	4A/	4A/	4A/	4A/	4A/	4A/
ANALYTICAL FINISH	OE	OE	OE	OE	OE	OE	OE	OE	OE	OE
SAMPLE NUMBERS										
0121 MH181779	X	X	7.78%	X	122	X	4472	X	X	X
0122 MH181780	X	1.1	8.81%	13	786	X	1894	0.9	96	12
0123 MH181781	X	0.7	6.96%	X	664	X	1515	X	81	19
0124 MH181782	X	X	7.52%	X	654	X	2140	0.6	88	17
0125 MH181783	X	1.3	7.21%	12	637	X	2105	X	77	8
0126 MH181784	X	5.3	7.22%	X	643	X	1870	0.6	82	9
0127 MH181785	X	X	8.75%	X	855	X	1921	X	85	8
0128 MH181786	X	X	5.90%	10	609	X	2568	X	80	6
0129 MH181787	X	X	10.18%	22	971	X	3584	0.7	99	10
0130 MH181788	X	X	7.29%	20	530	X	2199	0.6	83	11
0131 MH181789	X	X	6.71%	11	508	X	4628	0.5	74	7
0132 MH181790	X	0.6	5.48%	X	606	X	4466	X	85	10

CHECKS										
0001 MH181664	X	0.9	3.87%	X	120	X	1721	0.6	79	3
0002 MH181707	0.007	26.6	3.14%	16	282	82	1451	11.1	48	23
0003 MH181723	X	0.9	7.41%	17	985	X	2519	X	76	10
0004 MH181757	X	2.8	6.85%	10	102	X	3130	X	X	7

STANDARDS										
0001 AMIS0361		0.5	2.44%	110	30	X	906	X	X	7
0002 KLEN73914	0.540									
0003 AMIS0362		X	1.12%	39	27	X	650	X	X	4
0004 KLEN73915	1.115									
0005 AMIS0420		0.9	3016	664	502	X	20.29%	0.8	520	87
0006 KLEN74107	8.436									
0007 AMIS0423		3.0	2671	541	501	X	21.26%	0.6	544	78
0008 MEB-1	0.101									
0009 OREAS 202	0.772									
0010 MP-1b										

BLANKS										
0001 Control Blank	X	X	X	X	X	X	X	X	X	X
0002 Control Blank	X	X	X	X	X	X	X	X	X	X
0003 Control Blank	X	X	X	X	X	X	X	X	X	X
0004 Control Blank	X	X	X	X	X	X	X	X	X	X



ELEMENTS	Cr	Cu	Cu-Rp1	Fe	K	La	Li	Mg	Mn	Mo
UNITS	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
DETECTION LIMIT	5	1	10	0.01	20	20	1	20	1	2
DIGEST	4A/	4A/	4AH/	4A/	4A/	4A/	4A/	4A/	4A/	4A/
ANALYTICAL FINISH	OE	OE	OE	OE	OE	OE	OE	OE	OE	OE
SAMPLE NUMBERS										
0121 MH181779	X	81		0.66	1.33%	X	5	727	95	X
0122 MH181780	46	28		4.41	4.28%	44	35	9161	667	X
0123 MH181781	36	663		4.36	3.53%	39	28	7432	538	X
0124 MH181782	39	289		4.35	3.52%	41	30	7441	565	X
0125 MH181783	37	807		3.66	3.48%	34	31	7502	490	X
0126 MH181784	38	1809		3.61	3.59%	39	30	7207	441	X
0127 MH181785	48	235		4.01	4.47%	41	35	9049	533	X
0128 MH181786	27	13		2.46	2.83%	36	20	5058	385	X
0129 MH181787	61	5		3.97	4.90%	46	36	9569	556	X
0130 MH181788	34	13		3.14	3.55%	39	25	7508	469	X
0131 MH181789	39	15		3.05	2.83%	35	24	6785	456	X
0132 MH181790	28	74		2.32	2.14%	40	17	4558	336	X

CHECKS										
0001 MH181664	20	12		1.35	8053	37	6	2658	231	X
0002 MH181707	16	4730		3.81	7052	23	10	4733	340	X
0003 MH181723	45	322		5.38	2.73%	35	22	7260	710	X
0004 MH181757	X	4640		2.93	2.22%	X	18	3092	499	X

STANDARDS										
0001 AMIS0361	56	9		47.29	183	X	15	1179	156	X
0002 KLEN73914										
0003 AMIS0362	19	3		>50.00	104	X	5	850	129	X
0004 KLEN73915										
0005 AMIS0420	80	5965		18.71	2312	237	5	4.96%	1185	X
0006 KLEN74107										
0007 AMIS0423	69	8470		16.77	2218	245	4	4.79%	1165	X
0008 MEB-1										
0009 OREAS 202										
0010 MP-1b			3.04%							

BLANKS										
0001 Control Blank	X	X		X	X	X	X	X	2	X
0002 Control Blank	X	2		X	X	X	X	X	X	X
0003 Control Blank	X	1		X	30	X	X	X	4	X
0004 Control Blank	X	X		X	36	X	X	X	X	X





ELEMENTS	Na	Ni	P	Pb	Pb-Rp1	S	Sb	Sc	Sn	Sr
UNITS	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
DETECTION LIMIT	20	1	50	5	50	50	5	1	5	1
DIGEST	4A/	4A/	4A/	4A/	4AH/	4A/	4A/	4A/	4A/	4A/
ANALYTICAL FINISH	OE	OE	OE	OE	OE	OE	OE	OE	OE	OE
SAMPLE NUMBERS										
0121 MH181779	4.17%	1	2038	78		587	X	1	31	32
0122 MH181780	8108	25	640	720		1072	X	10	26	20
0123 MH181781	5715	25	500	292		7870	X	8	14	16
0124 MH181782	6770	24	542	274		6169	X	9	10	27
0125 MH181783	5077	18	510	179		1041	X	9	10	21
0126 MH181784	5255	18	509	1241		3095	X	9	11	22
0127 MH181785	6040	26	552	118		1058	X	11	10	21
0128 MH181786	7481	15	486	593		412	X	6	7	31
0129 MH181787	1.04%	30	644	35		369	X	13	9	40
0130 MH181788	6776	19	511	42		818	X	8	7	19
0131 MH181789	1.17%	20	516	52		682	X	8	X	51
0132 MH181790	1.27%	18	464	162		2152	X	5	X	57
CHECKS										
0001 MH181664	1.55%	6	332	534		333	X	3	X	30
0002 MH181707	8942	8	230	7783		1.23%	X	3	12	34
0003 MH181723	1.15%	19	474	819		1059	X	8	11	43
0004 MH181757	2.40%	2	1660	231		8840	X	X	56	15
STANDARDS										
0001 AMIS0361	189	21	519	32		759	13	6	X	7
0002 KLEN73914										
0003 AMIS0362	142	14	644	X		166	11	1	X	6
0004 KLEN73915										
0005 AMIS0420	386	125	2.32%	124		7517	43	16	17	3108
0006 KLEN74107										
0007 AMIS0423	332	124	2.18%	89		6881	37	15	33	3236
0008 MEB-1										
0009 OREAS 202										
0010 MP-1b						2.07%				
BLANKS										
0001 Control Blank	X	X	X	X		X	X	X	X	X
0002 Control Blank	X	X	X	X		X	X	X	X	X
0003 Control Blank	X	X	X	X		X	X	X	X	X
0004 Control Blank	X	X	X	X		X	X	X	X	X



ELEMENTS	Te	Ti	Tl	V	W	Zn	Zn-Rp1
UNITS	ppm	ppm	ppm	ppm	ppm	ppm	ppm
DETECTION LIMIT	5	5	5	1	5	1	50
DIGEST	4A/	4A/	4A/	4A/	4A/	4A/	4AH/
ANALYTICAL FINISH	OE	OE	OE	OE	OE	OE	OE
SAMPLE NUMBERS							
0121 MH181779	X	74	X	X	X	115	
0122 MH181780	X	3108	X	56	X	1425	
0123 MH181781	X	2704	X	47	X	629	
0124 MH181782	X	2836	X	49	X	828	
0125 MH181783	X	2781	X	46	X	277	
0126 MH181784	X	2813	X	46	X	762	
0127 MH181785	X	3118	X	57	X	271	
0128 MH181786	X	2323	X	35	X	99	
0129 MH181787	X	3539	X	72	X	101	
0130 MH181788	X	2721	X	45	X	81	
0131 MH181789	X	2823	X	40	X	92	
0132 MH181790	X	2099	X	31	X	601	
CHECKS							
0001 MH181664	X	1184	X	16	X	802	
0002 MH181707	X	1135	X	17	X	7824	
0003 MH181723	X	2624	X	47	X	871	
0004 MH181757	X	40	X	X	5	643	
STANDARDS							
0001 AMIS0361	X	1840	X	128	X	16	
0002 KLEN73914							
0003 AMIS0362	7	540	X	107	X	9	
0004 KLEN73915							
0005 AMIS0420	17	4026	X	195	X	255	
0006 KLEN74107							
0007 AMIS0423	13	3610	X	180	X	201	
0008 MEB-1							
0009 OREAS 202							
0010 MP-1b							16.87%
BLANKS							
0001 Control Blank	X	X	X	X	X	X	
0002 Control Blank	X	X	X	X	X	2	
0003 Control Blank	X	18	X	X	X	6	
0004 Control Blank	X	X	X	X	X	X	



## METHOD CODE DESCRIPTION

Method Code	Analysing Laboratory NATA Laboratory Accreditation	NATA Scope of Accreditation
<b>4A/OE</b>	Intertek Genalysis Perth <b>3244 3237</b> Multi-acid digest including Hydrofluoric, Nitric, Perchloric and Hydrochloric acids in Teflon Tubes. Analysed by Inductively Coupled Plasma Optical (Atomic) Emission Spectrometry.	<b>4A/ : MPL_W002, OE : ICP_W004</b>
<b>4AH/OE</b>	Intertek Genalysis Perth <b>3244 3237</b> Modified (for higher precision) multi-acid digest including Hydrofluoric, Nitric, Perchloric and Hydrochloric acids. Analysed by Inductively Coupled Plasma Optical (Atomic) Emission Spectrometry.	<b>4AH/ : MPL_W003, OE : ICP_W004</b>
<b>FA25/OE</b>	Intertek Genalysis Perth <b>3244 3237</b> 25g Lead collection fire assay. Analysed by Inductively Coupled Plasma Optical (Atomic) Emission Spectrometry.	<b>FA25/ : FA_W001, OE : ICP_W004</b>