

MINERALS TEST REPORT

CLIENT

TODD RIVER METALS PTY LTD

PO Box 2019
SUBIACO, W.A. 6904
AUSTRALIA

JOB INFORMATION

JOB CODE	: 2039.0/1809604
NO. SAMPLES	: 93
NO. ELEMENTS	: 34
CLIENT ORDER NO.	: Q180228 (Job 1 of 1)
SAMPLE SUBMISSION NO.	: 18MH13
PROJECT	: MH
SAMPLE TYPE	: Drill core
DATE RECEIVED	: 02/07/2018
DATE REPORTED	: 26/07/2018
DATE PRINTED	: 26/07/2018

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 m³ 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 m³.

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.

LEGEND	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	Al-Rp1	As	Ba	Bi	Ca	Cd	Ce
UNITS	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
DETECTION LIMIT	0.005	0.5	50	0.01	10	2	5	50	0.5	20
DIGEST	FA25/	4A/	4A/	4AH/	4A/	4A/	4A/	4A/	4A/	4A/
ANALYTICAL FINISH	OE	OE	OE	OE	OE	OE	OE	OE	OE	OE
SAMPLE NUMBERS										
0001 MH181338	X	X	6.09%		X	509	X	2093	X	75
0002 MH181339	X	X	5.56%		X	536	X	3491	X	88
0003 MH181340	X	X	8.91%		X	718	X	1692	X	87
0004 MH181341	X	X	5.18%		X	484	X	3019	X	75
0005 MH181342	X	X	5.96%		X	627	X	2224	X	55
0006 MH181343	X	X	5.10%		X	516	X	3091	X	73
0007 MH181344	X	X	7.32%		X	719	X	2084	X	79
0008 MH181345	X	X	9.31%		X	931	X	2209	X	80
0009 MH181346	X	X	5.90%		X	586	X	3422	X	78
0010 MH181347	X	X	11.56%		X	1156	X	2016	X	87
0011 MH181348	X	X	8.18%		X	758	X	3874	X	90
0012 MH181349	X	X	4.54%		10	212	X	1912	X	68
0013 MH181350	0.354	X	4.69%		X	9	X	1220	0.7	X
0014 MH181351	X	X	5.99%		X	317	X	2937	X	81
0015 MH181352	X	X	7.69%		X	125	X	2889	X	X
0016 MH181353	X	X	9.18%		X	734	X	1564	X	90
0017 MH181354	X	X	6.30%		X	348	X	1845	X	84
0018 MH181355	X	X	7.12%		X	98	X	3827	X	X
0019 MH181356	0.006	X	7.06%		X	465	X	2056	X	76
0020 MH181357	X	X	7.58%		39	486	X	1767	X	86
0021 MH181358	X	X	7.58%		X	42	X	2377	X	X
0022 MH181359	X	X	6.94%		X	20	X	1628	X	X
0023 MH181360	X	X	7.96%		X	30	X	3886	X	X
0024 MH181361	X	X	7.78%		X	421	X	2559	X	71
0025 MH181362	X	X	10.23%		17	515	6	4393	X	103
0026 MH181363	X	X	12.23%		33	877	X	3450	X	95
0027 MH181364	X	X	9.19%		35	727	X	2659	X	89
0028 MH181365	X	X	8.35%		42	559	X	4089	1.2	92
0029 MH181366	X	X	7.02%		28	454	X	3586	X	81
0030 MH181367	X	X	6.96%		X	457	X	3500	X	79
0031 MH181368	X	X	12.68%		41	1043	6	4050	1.9	118
0032 MH181369	X	0.6	5.60%		X	299	X	3006	12.6	62
0033 MH181370	0.009	X	5.05%		X	286	X	2544	X	60
0034 MH181371	X	X	4.36%		X	252	X	1980	1.2	49
0035 MH181372	X	X	4.57%		X	287	X	2116	X	55
0036 MH181373	X	X	5.04%		X	295	X	2334	0.8	58
0037 MH181374	0.024	1.6	1.71%		X	57	11	759	2.3	X
0038 MH181375	0.025	X	5.67%		12	29	X	1.65%	X	X
0039 MH181376	X	X	4.65%		X	234	X	2022	X	53
0040 MH181377	0.033	1.7	4.58%		20	306	7	2233	3.0	42



ELEMENTS	Co	Cr	Cu	Cu-Rp1	Fe	K	La	Li	Mg	Mn
UNITS	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
DETECTION LIMIT	1	5	1	10	0.01	20	20	1	20	1
DIGEST	4A/	4A/	4A/	4AH/	4A/	4A/	4A/	4A/	4A/	4A/
ANALYTICAL FINISH	OE	OE	OE	OE	OE	OE	OE	OE	OE	OE
SAMPLE NUMBERS										
0001 MH181338	7	30	8		2.65	4.07%	28	9	6941	274
0002 MH181339	5	34	4		2.12	2.65%	40	17	5047	295
0003 MH181340	12	58	68		3.63	4.25%	31	37	1.02%	555
0004 MH181341	5	29	3		2.00	2.01%	35	21	4704	369
0005 MH181342	7	38	7		2.49	2.66%	24	28	6251	396
0006 MH181343	6	28	15		1.98	2.06%	33	19	4464	377
0007 MH181344	10	46	18		3.10	3.59%	38	38	7781	387
0008 MH181345	11	58	24		3.77	4.50%	37	45	1.04%	472
0009 MH181346	8	37	8		2.24	2.51%	31	27	5270	312
0010 MH181347	13	76	19		4.48	5.65%	44	57	1.22%	607
0011 MH181348	8	51	X		3.29	3.48%	34	47	8335	586
0012 MH181349	65	27	8		1.87	1.25%	32	13	6635	164
0013 MH181350	X	15	207		0.21	4.40%	X	4	361	42
0014 MH181351	6	34	4		2.11	1.87%	41	19	7851	301
0015 MH181352	3	10	3		0.89	2.07%	X	11	3709	147
0016 MH181353	11	54	5		3.22	3.87%	34	31	1.36%	343
0017 MH181354	8	36	54		2.40	2.46%	42	21	8471	369
0018 MH181355	5	6	7		0.76	1.79%	X	9	2859	111
0019 MH181356	13	40	19		2.35	2.61%	32	22	1.07%	418
0020 MH181357	42	42	8		2.39	3.56%	41	30	1.38%	374
0021 MH181358	2	5	2		0.62	2.01%	X	8	1588	537
0022 MH181359	X	7	3		0.72	1.99%	X	4	232	1643
0023 MH181360	X	6	3		0.59	1.68%	X	1	221	1129
0024 MH181361	7	50	X		3.42	3.38%	26	30	8319	788
0025 MH181362	9	60	16		6.32	3.13%	52	40	1.79%	1279
0026 MH181363	15	78	6		4.66	4.71%	38	38	1.73%	955
0027 MH181364	8	53	3		3.57	3.60%	44	27	9703	678
0028 MH181365	10	54	225		3.73	2.92%	48	25	8561	693
0029 MH181366	8	42	X		2.84	2.49%	34	22	8263	653
0030 MH181367	7	47	1		2.94	2.30%	33	22	8246	664
0031 MH181368	12	90	117		7.51	4.87%	31	59	1.64%	1450
0032 MH181369	7	42	109		3.04	1.56%	27	18	6115	440
0033 MH181370	4	33	46		2.44	1.33%	29	14	4538	406
0034 MH181371	5	36	140		4.01	1.20%	X	13	4720	761
0035 MH181372	4	30	117		3.08	1.16%	27	16	6023	462
0036 MH181373	4	36	130		3.53	1.45%	X	20	6032	605
0037 MH181374	82	17	2523		23.02	3631	X	7	5174	225
0038 MH181375	25	53	43		2.70	3.68%	X	5	7796	341
0039 MH181376	3	26	71		1.72	1.21%	23	11	5433	335
0040 MH181377	36	32	3274		6.29	1.26%	X	16	1.01%	406



ELEMENTS	Mo	Na	Ni	P	Pb	Pb-Rp1	S	S-Rp1	Sb	Sc
UNITS	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
DETECTION LIMIT	2	20	1	50	5	50	50	0.01	5	1
DIGEST	4A/	4A/	4A/	4A/	4A/	4AH/	4A/	4AH/	4A/	4A/
ANALYTICAL FINISH	OE	OE	OE	OE	OE	OE	OE	OE	OE	OE
SAMPLE NUMBERS										
0001 MH181338	X	2378	15	457	11		X		X	6
0002 MH181339	X	1.01%	14	453	15		X		X	6
0003 MH181340	X	6195	29	510	28		X		X	11
0004 MH181341	X	1.29%	13	435	14		X		X	6
0005 MH181342	X	8388	19	391	11		X		X	7
0006 MH181343	X	1.24%	12	386	13		X		X	5
0007 MH181344	X	7266	23	475	12		X		X	9
0008 MH181345	X	8759	31	577	23		X		X	12
0009 MH181346	X	1.22%	15	439	21		X		X	6
0010 MH181347	X	8728	36	649	16		51		X	15
0011 MH181348	X	1.34%	24	663	18		X		X	10
0012 MH181349	X	1.31%	11	334	64		4211		X	4
0013 MH181350	X	1.24%	12	473	27		598		X	X
0014 MH181351	X	1.72%	14	455	13		366		X	6
0015 MH181352	X	3.11%	3	1015	14		111		X	5
0016 MH181353	X	8445	27	532	11		344		X	12
0017 MH181354	X	1.10%	17	470	13		501		X	7
0018 MH181355	X	3.05%	2	1749	22		249		X	X
0019 MH181356	X	1.13%	22	460	28		2046		X	9
0020 MH181357	X	7130	24	487	26		2837		X	9
0021 MH181358	X	2.98%	2	1167	28		121		X	5
0022 MH181359	X	3.60%	X	872	133		230		X	5
0023 MH181360	X	4.45%	X	2654	223		170		X	X
0024 MH181361	X	1.31%	23	523	37		X		X	10
0025 MH181362	X	1.56%	29	579	85		487		X	13
0026 MH181363	X	1.22%	38	556	50		X		X	16
0027 MH181364	X	9193	27	457	65		X		X	12
0028 MH181365	15	1.64%	24	437	615		949		X	11
0029 MH181366	X	1.62%	22	470	321		58		X	9
0030 MH181367	X	1.62%	20	412	201		56		X	9
0031 MH181368	5	1.90%	34	549	1719		2185		X	17
0032 MH181369	2	1.92%	18	391	2197		4045		X	7
0033 MH181370	X	1.41%	14	381	298		488		X	6
0034 MH181371	X	1.03%	13	332	2023		7229		X	5
0035 MH181372	X	1.31%	13	322	969		2928		X	5
0036 MH181373	X	1.45%	14	336	190		4045		X	6
0037 MH181374	X	6351	56	116	1802		>10.00%	14.34	7	1
0038 MH181375	8	1.60%	33	555	31		207		X	8
0039 MH181376	10	1.42%	11	328	83		1970		X	5
0040 MH181377	17	1.72%	13	399	2302		4.16%		X	5



ELEMENTS	Sn	Sr	Te	Ti	Tl	V	W	Zn	Zn-Rp1
UNITS	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
DETECTION LIMIT	5	1	5	5	5	1	5	1	10
DIGEST	4A/	4A/	4A/	4A/	4A/	4A/	4A/	4A/	4AH/
ANALYTICAL FINISH	OE	OE	OE	OE	OE	OE	OE	OE	OE
SAMPLE NUMBERS									
0001 MH181338	X	47	X	2138	X	28	X	86	
0002 MH181339	5	44	X	2243	X	30	X	45	
0003 MH181340	11	35	X	3003	X	62	X	297	
0004 MH181341	X	64	X	2160	X	30	X	50	
0005 MH181342	6	45	X	2262	X	38	X	324	
0006 MH181343	X	65	X	2093	X	28	X	121	
0007 MH181344	7	35	X	2884	X	49	X	300	
0008 MH181345	8	35	X	3061	X	63	X	1403	
0009 MH181346	5	67	X	2318	X	33	X	58	
0010 MH181347	42	28	X	3442	X	79	8	118	
0011 MH181348	37	65	X	3303	X	49	7	94	
0012 MH181349	5	30	X	1183	X	21	X	26	
0013 MH181350	X	20	X	196	8	2	X	315	
0014 MH181351	11	48	X	2191	X	32	X	34	
0015 MH181352	40	28	X	231	X	2	8	17	
0016 MH181353	15	19	X	3119	X	60	X	46	
0017 MH181354	23	24	X	2432	X	37	6	46	
0018 MH181355	48	23	X	177	X	2	7	22	
0019 MH181356	16	30	X	2160	X	43	5	58	
0020 MH181357	33	23	X	1970	X	47	6	66	
0021 MH181358	52	17	X	180	X	X	9	25	
0022 MH181359	18	9	X	88	X	X	X	27	
0023 MH181360	31	29	X	48	X	X	X	44	
0024 MH181361	22	31	X	2863	X	51	X	128	
0025 MH181362	8	44	X	3274	X	67	X	194	
0026 MH181363	10	39	X	3575	X	87	X	114	
0027 MH181364	9	31	X	2914	X	61	6	97	
0028 MH181365	8	48	X	2822	X	55	X	1126	
0029 MH181366	7	39	X	2727	X	45	X	139	
0030 MH181367	5	40	X	2512	X	43	X	164	
0031 MH181368	14	63	X	4182	X	95	X	3731	
0032 MH181369	7	38	X	2261	X	36	X	3373	
0033 MH181370	5	33	X	2076	X	29	X	244	
0034 MH181371	X	30	X	1776	X	26	X	951	
0035 MH181372	X	31	X	1892	X	27	X	302	
0036 MH181373	X	36	X	1948	X	29	X	507	
0037 MH181374	X	12	X	450	X	9	X	1954	
0038 MH181375	X	69	X	2979	X	65	X	57	
0039 MH181376	X	29	X	1651	X	26	X	171	
0040 MH181377	X	31	X	1423	X	30	X	9224	



ELEMENTS	Au	Ag	Al	Al-Rp1	As	Ba	Bi	Ca	Cd	Ce
UNITS	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
DETECTION LIMIT	0.005	0.5	50	0.01	10	2	5	50	0.5	20
DIGEST	FA25/	4A/	4A/	4AH/	4A/	4A/	4A/	4A/	4A/	4A/
ANALYTICAL FINISH	OE	OE	OE	OE	OE	OE	OE	OE	OE	OE
SAMPLE NUMBERS										
0041 MH181378	0.082	3.2	2.54%		201	51	40	809	1.2	22
0042 MH181379	0.010	X	4.98%		21	131	X	1861	X	47
0043 MH181380	0.005	X	7.69%		X	429	X	1949	X	85
0044 MH181381	X	X	5.38%		X	225	X	2485	X	71
0045 MH181382	X	X	7.79%		X	421	X	2098	X	68
0046 MH181383	X	X	5.99%		X	328	X	2279	X	79
0047 MH181384	X	X	2.60%		X	197	X	1675	X	36
0048 MH181385	X	0.6	4.85%		X	257	X	3155	X	X
0049 MH181386	X	X	6.12%		X	302	X	1586	X	73
0050 MH181387	X	X	6.11%		X	298	X	1612	X	79
0051 MH181388	X	X	5.49%		12	346	X	1565	X	80
0052 MH181389	X	X	4.24%		X	243	X	1376	X	46
0053 MH181390	X	27.2	5.76%		X	379	83	1591	27.5	67
0054 MH181391	0.071	212.1	3.10%		X	256	564	688	186.4	28
0055 MH181392	0.457	2.2	7.39%		55	1127	10	3.89%	2.0	112
0056 MH181393	X	X	6.48%		X	532	X	1840	2.3	78
0057 MH181394	X	X	6.30%		14	524	X	2362	X	79
0058 MH181395	X	X	10.13%		37	1010	6	2476	X	96
0059 MH181396	X	X	8.33%		22	799	6	2433	X	75
0060 MH181397	X	X	5.48%		X	465	X	2627	0.5	58
0061 MH181398	X	X	6.86%		22	746	X	2517	X	79
0062 MH181399	X	1.6	5.37%		18	727	X	2538	3.4	67
0063 MH181400	X	X	>15.00%	18.16	22	53	15	177	X	X
0064 MH181401	X	X	6.45%		30	877	X	2305	1.0	70
0065 MH181402	X	X	5.35%		X	679	X	2597	0.5	70
0066 MH181403	X	X	7.53%		20	854	5	2580	X	74
0067 MH181404	X	X	5.31%		21	716	X	1946	5.9	66
0068 MH181405	X	X	5.16%		13	725	X	2320	X	61
0069 MH181406	X	X	5.49%		26	1236	X	2153	1.6	81
0070 MH181407	X	X	5.17%		X	1436	X	2696	X	79
0071 MH181408	X	X	7.83%		X	1178	5	2968	0.6	87
0072 MH181409	X	1.7	5.33%		X	1136	X	1928	5.5	70
0073 MH181410	X	X	5.43%		X	1154	X	1832	1.4	66
0074 MH181411	0.005	X	11.64%		X	1796	5	1646	8.0	105
0075 MH181412	X	X	5.69%		X	798	X	2956	X	79
0076 MH181413	X	X	7.75%		X	919	X	3172	1.2	79
0077 MH181414	X	X	5.40%		X	924	X	2536	0.8	73
0078 MH181415	X	X	8.36%		X	842	X	1930	X	79
0079 MH181416	X	3.3	7.01%		X	695	X	1800	5.4	78
0080 MH181417	X	X	8.94%		X	974	5	1969	X	84



ELEMENTS	Co	Cr	Cu	Cu-Rp1	Fe	K	La	Li	Mg	Mn
UNITS	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
DETECTION LIMIT	1	5	1	10	0.01	20	20	1	20	1
DIGEST	4A/	4A/	4A/	4AH/	4A/	4A/	4A/	4A/	4A/	4A/
ANALYTICAL FINISH	OE	OE	OE	OE	OE	OE	OE	OE	OE	OE
SAMPLE NUMBERS										
0041 MH181378	217	18	6150		14.30	5336	X	16	2.23%	395
0042 MH181379	13	30	304		3.28	9534	X	28	2.62%	448
0043 MH181380	14	51	36		2.53	2.51%	31	29	1.43%	219
0044 MH181381	9	35	8		1.96	1.32%	36	19	1.03%	202
0045 MH181382	14	52	18		2.91	2.49%	33	35	1.51%	270
0046 MH181383	5	41	X		2.13	1.91%	40	24	1.02%	259
0047 MH181384	5	28	46		1.80	6512	X	7	4173	238
0048 MH181385	2	17	48		0.90	1.33%	X	3	1521	139
0049 MH181386	7	43	12		2.44	2.15%	31	18	8776	285
0050 MH181387	4	41	8		2.43	2.11%	31	18	9248	294
0051 MH181388	6	34	248		2.07	1.85%	38	13	6358	242
0052 MH181389	3	29	24		1.94	1.34%	X	11	6018	265
0053 MH181390	43	40	1.00%		5.43	2.18%	29	19	1.10%	457
0054 MH181391	168	24	>2.00%	7.23%	15.08	1.34%	X	9	3774	392
0055 MH181392	26	172	3546		5.69	2.22%	39	11	1.86%	831
0056 MH181393	20	45	825		3.87	3.00%	30	19	6550	429
0057 MH181394	7	46	123		2.76	2.89%	31	20	6079	456
0058 MH181395	9	69	29		3.35	4.87%	39	31	9223	540
0059 MH181396	12	57	8		3.40	3.96%	35	28	8489	522
0060 MH181397	6	36	461		2.70	2.44%	23	17	5532	398
0061 MH181398	4	46	1176		2.88	3.19%	32	22	6699	443
0062 MH181399	17	39	1265		3.78	2.32%	26	17	5681	437
0063 MH181400	X	167	8		15.81	1602	X	11	200	336
0064 MH181401	6	46	151		2.74	3.00%	26	20	5666	401
0065 MH181402	4	36	429		2.42	2.25%	28	17	5346	394
0066 MH181403	7	51	24		2.92	3.60%	28	24	6816	474
0067 MH181404	9	35	77		2.52	2.43%	32	15	4542	362
0068 MH181405	5	39	109		2.68	2.45%	27	18	4640	415
0069 MH181406	7	38	19		2.13	3.22%	38	16	4206	424
0070 MH181407	6	51	131		2.29	3.01%	37	14	3825	436
0071 MH181408	9	54	62		3.43	3.98%	37	27	7653	569
0072 MH181409	19	34	352		3.32	3.01%	30	14	3833	353
0073 MH181410	4	30	59		2.27	3.10%	29	15	4429	389
0074 MH181411	9	84	43		4.32	5.90%	39	39	9903	691
0075 MH181412	6	39	191		2.46	2.62%	33	16	4693	368
0076 MH181413	13	59	54		3.77	3.71%	22	25	7451	523
0077 MH181414	7	37	159		2.75	2.63%	28	17	4646	451
0078 MH181415	9	60	62		3.77	4.13%	39	28	8497	527
0079 MH181416	14	47	535		4.46	3.32%	24	20	6504	430
0080 MH181417	9	62	34		3.94	4.44%	28	30	9348	552



ELEMENTS	Mo	Na	Ni	P	Pb	Pb-Rp1	S	S-Rp1	Sb	Sc
UNITS	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
DETECTION LIMIT	2	20	1	50	5	50	50	0.01	5	1
DIGEST	4A/	4A/	4A/	4A/	4A/	4AH/	4A/	4AH/	4A/	4A/
ANALYTICAL FINISH	OE	OE	OE	OE	OE	OE	OE	OE	OE	OE
SAMPLE NUMBERS										
0041 MH181378	X	5388	14	215	883		>10.00%	13.68	6	3
0042 MH181379	X	1.28%	19	398	78		2109		X	5
0043 MH181380	3	1.32%	23	435	32		2556		X	10
0044 MH181381	X	1.52%	14	394	47		1143		X	6
0045 MH181382	X	1.12%	19	475	51		3844		X	10
0046 MH181383	X	1.03%	15	482	31		257		X	7
0047 MH181384	X	6403	6	169	40		1222		X	2
0048 MH181385	X	2.31%	3	620	661		627		X	2
0049 MH181386	X	1.20%	16	443	21		321		X	7
0050 MH181387	X	1.12%	16	452	12		233		X	7
0051 MH181388	X	1.13%	13	395	31		691		X	6
0052 MH181389	X	8738	11	305	18		475		X	4
0053 MH181390	X	8414	16	402	7522		3.13%		X	6
0054 MH181391	X	3736	37	154	>1.00%	10.24%	>10.00%	20.27	17	3
0055 MH181392	62	2.36%	2226	955	2015		4045		X	18
0056 MH181393	X	6610	24	436	669		1.12%		X	8
0057 MH181394	X	6651	18	455	300		1215		X	7
0058 MH181395	X	7502	31	536	113		334		X	13
0059 MH181396	X	8874	25	461	159		223		X	10
0060 MH181397	X	7305	15	339	505		2579		X	6
0061 MH181398	X	6891	18	474	157		1717		X	8
0062 MH181399	X	7855	15	397	1686		8630		X	6
0063 MH181400	20	81	9	102	11		482		7	11
0064 MH181401	X	7014	15	414	1235		2048		X	8
0065 MH181402	X	7987	10	395	373		1011		X	6
0066 MH181403	X	7627	20	438	251		456		X	9
0067 MH181404	X	6188	20	317	1777		4868		X	6
0068 MH181405	X	4345	14	308	631		2189		X	6
0069 MH181406	X	3602	13	420	722		992		X	6
0070 MH181407	X	4544	16	406	159		3193		X	5
0071 MH181408	X	6580	23	506	368		1855		X	10
0072 MH181409	X	4952	25	394	1887		1.67%		X	6
0073 MH181410	X	5777	9	449	601		1433		X	5
0074 MH181411	X	4005	23	390	314		4773		X	13
0075 MH181412	X	7118	14	449	172		2699		X	6
0076 MH181413	X	7554	30	507	699		7679		X	10
0077 MH181414	X	6379	19	449	444		4374		X	6
0078 MH181415	X	6124	25	529	191		2769		X	10
0079 MH181416	X	6921	24	471	4282		1.98%		X	9
0080 MH181417	X	6451	28	525	199		1426		X	12



ELEMENTS	Sn	Sr	Te	Ti	Tl	V	W	Zn	Zn-Rp1
UNITS	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
DETECTION LIMIT	5	1	5	5	5	1	5	1	10
DIGEST	4A/	4A/	4A/	4A/	4A/	4A/	4A/	4A/	4AH/
ANALYTICAL FINISH	OE	OE	OE	OE	OE	OE	OE	OE	OE
SAMPLE NUMBERS									
0041 MH181378	X	10	X	610	X	15	X	3192	
0042 MH181379	X	22	X	1091	X	29	X	235	
0043 MH181380	12	24	X	1377	X	49	X	124	
0044 MH181381	7	25	X	1440	X	30	X	161	
0045 MH181382	17	24	X	1339	X	46	X	6498	
0046 MH181383	12	25	X	1939	X	34	5	72	
0047 MH181384	X	19	X	767	X	9	X	82	
0048 MH181385	13	43	X	583	X	5	X	216	
0049 MH181386	5	18	X	2417	X	35	X	54	
0050 MH181387	6	18	X	2393	X	35	X	74	
0051 MH181388	X	19	X	2108	X	30	X	94	
0052 MH181389	X	15	X	1551	X	23	X	90	
0053 MH181390	32	17	X	2059	X	32	X	1.54%	
0054 MH181391	64	8	X	971	X	17	18	>2.00%	12.37%
0055 MH181392	X	284	X	6907	X	146	X	1074	
0056 MH181393	6	22	X	2406	X	39	X	1852	
0057 MH181394	X	29	X	2331	X	36	X	362	
0058 MH181395	8	31	X	3236	X	65	6	200	
0059 MH181396	7	33	X	2996	X	52	X	176	
0060 MH181397	X	35	X	1938	X	28	X	341	
0061 MH181398	6	29	X	2568	X	43	X	186	
0062 MH181399	5	33	X	2107	X	31	X	2487	
0063 MH181400	X	5	X	9260	X	434	X	5	
0064 MH181401	6	31	X	2373	X	39	X	759	
0065 MH181402	7	32	X	1921	X	29	X	446	
0066 MH181403	9	33	X	2596	X	46	5	179	
0067 MH181404	7	26	X	1886	X	28	X	3807	
0068 MH181405	7	26	X	1743	X	32	X	338	
0069 MH181406	5	32	X	1999	X	30	X	1222	
0070 MH181407	X	37	X	1972	X	27	X	310	
0071 MH181408	8	38	X	3023	X	51	X	574	
0072 MH181409	6	34	X	2055	X	30	X	3753	
0073 MH181410	5	37	X	1982	X	25	X	1323	
0074 MH181411	15	27	X	3685	X	78	X	7837	
0075 MH181412	5	39	X	2343	X	34	X	230	
0076 MH181413	8	36	X	3268	X	54	X	1060	
0077 MH181414	5	35	X	2271	X	30	X	611	
0078 MH181415	7	22	X	3123	X	51	5	349	
0079 MH181416	8	22	X	2685	X	44	X	3762	
0080 MH181417	7	26	X	3436	X	60	6	178	



ELEMENTS	Au	Ag	Al	Al-Rp1	As	Ba	Bi	Ca	Cd	Ce
UNITS	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
DETECTION LIMIT	0.005	0.5	50	0.01	10	2	5	50	0.5	20
DIGEST	FA25/	4A/	4A/	4AH/	4A/	4A/	4A/	4A/	4A/	4A/
ANALYTICAL FINISH	OE	OE	OE	OE	OE	OE	OE	OE	OE	OE
SAMPLE NUMBERS										
0081 MH181418	X	X	8.60%		X	631	X	1990	X	79
0082 MH181419	0.005	X	5.36%		X	433	X	3028	X	88
0083 MH181420	X	X	4.80%		X	502	X	2964	X	87
0084 MH181421	X	2.5	7.28%		X	128	11	2655	1.5	X
0085 MH181422	X	X	6.57%		X	369	X	1.01%	X	153
0086 MH181423	X	X	4.94%		X	703	X	2711	X	79
0087 MH181424	X	X	4.01%		X	597	X	1980	X	63
0088 MH181425	0.346	X	4.88%		X	11	X	1301	0.7	X
0089 MH181426	0.005	10.2	1.88%		11	254	28	625	33.2	31
0090 MH181427	0.018	55.5	2707		X	23	190	53	351.8	X
0091 MH181428	0.006	15.4	4061		X	55	50	194	48.2	X
0092 MH181429	X	0.6	4.76%		X	661	X	2948	1.9	75
0093 MH181430	X	X	5.88%		X	801	X	3390	1.2	71
CHECKS										
0001 MH181349	X	X	4.43%		13	208	X	1883	X	58
0002 MH181386	0.020	X	6.15%		X	305	X	1599	X	72
0003 MH181405	X	X	5.06%		12	712	X	2325	X	59
STANDARDS										
0001 AMISO424		X	2703		23	420	X	22.21%	X	578
0002 KLEN73914	0.535									
0003 DC 11003		X	862		X	454	X	21.53%	X	X
0004 KLEN73915	1.027									
0005 GTS-2a		X	7.00%		127	188	X	4.06%	0.6	22
0006 MEB-1	0.106									
0007 MPL-5		26.3	3.48%		1015	618	28	4.46%	2.9	553
0008 OREAS 202	0.728									
0009 WMS-1a				1.27						
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	Co	Cr	Cu	Cu-Rp1	Fe	K	La	Li	Mg	Mn
UNITS	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
DETECTION LIMIT	1	5	1	10	0.01	20	20	1	20	1
DIGEST	4A/	4A/	4A/	4AH/	4A/	4A/	4A/	4A/	4A/	4A/
ANALYTICAL FINISH	OE	OE	OE	OE	OE	OE	OE	OE	OE	OE
SAMPLE NUMBERS										
0081 MH181418	10	60	27		3.48	4.26%	30	27	8509	451
0082 MH181419	5	33	10		2.06	2.24%	41	15	5071	211
0083 MH181420	4	32	10		1.86	1.93%	41	11	4599	353
0084 MH181421	X	6	17		0.57	3.02%	X	2	385	323
0085 MH181422	12	33	768		4.84	2.10%	67	25	7435	972
0086 MH181423	4	31	58		2.28	2.28%	34	15	4040	467
0087 MH181424	3	28	214		2.21	1.72%	26	11	3084	393
0088 MH181425	X	18	215		0.22	4.57%	X	4	373	46
0089 MH181426	45	17	1.02%		4.20	8341	X	7	2753	350
0090 MH181427	212	6	1.84%		8.95	1374	X	X	508	649
0091 MH181428	41	13	8519		2.83	1785	X	1	479	199
0092 MH181429	6	39	651		2.70	2.04%	30	18	4487	479
0093 MH181430	6	41	214		2.40	2.43%	31	17	5139	426
CHECKS										
0001 MH181349	64	26	8		1.86	1.22%	23	13	6518	162
0002 MH181386	6	42	18		2.47	2.15%	32	18	9215	291
0003 MH181405	5	37	111		2.62	2.42%	26	17	4580	408
STANDARDS										
0001 AMIS0424	77	71	1.19%		12.44	2378	242	2	4.14%	982
0002 KLEN73914										
0003 DC 11003	X	X	6		0.13	902	X	8	12.87%	82
0004 KLEN73915										
0005 GTS-2a	18	245	100		7.68	2.04%	X	26	2.35%	1490
0006 MEB-1										
0007 MPL-5	133	855	1980		3.80	1.19%	306	44	9068	2323
0008 OREAS 202										
0009 WMS-1a				1.27%						
BLANKS										
0001 Control Blank	1	X	X		X	X	X	X	X	3
0002 Control Blank	1	X	X		X	80	X	X	X	X
0003 Control Blank	X	X	X		X	X	X	X	X	X
0004 Control Blank	X	X	X		X	72	X	X	X	5



ELEMENTS	Mo	Na	Ni	P	Pb	Pb-Rp1	S	S-Rp1	Sb	Sc
UNITS	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
DETECTION LIMIT	2	20	1	50	5	50	50	0.01	5	1
DIGEST	4A/	4A/	4A/	4A/	4A/	4AH/	4A/	4AH/	4A/	4A/
ANALYTICAL FINISH	OE	OE	OE	OE	OE	OE	OE	OE	OE	OE
SAMPLE NUMBERS										
0081 MH181418	X	6869	24	551	28		630		X	11
0082 MH181419	X	9823	14	444	20		64		X	6
0083 MH181420	X	1.14%	12	409	38		X		X	5
0084 MH181421	X	3.61%	X	1182	1519		538		X	5
0085 MH181422	X	1.95%	8	1827	49		1094		X	6
0086 MH181423	X	5792	11	437	201		168		X	5
0087 MH181424	X	5873	9	323	217		1166		X	4
0088 MH181425	X	1.27%	11	461	28		607		X	X
0089 MH181426	X	2750	5	200	5590		3.05%		X	2
0090 MH181427	X	159	10	X	>1.00%	4.42%	>10.00%	15.40	X	X
0091 MH181428	X	413	4	X	9068		3.10%		X	X
0092 MH181429	X	8941	11	587	950		1741		X	5
0093 MH181430	X	1.07%	14	441	421		816		X	6
CHECKS										
0001 MH181349	X	1.30%	11	331	58		4076		X	4
0002 MH181386	X	1.21%	16	451	41		377		X	7
0003 MH181405	X	4313	14	318	615		2133		X	6
STANDARDS										
0001 AMIS0424	X	261	140	1.44%	39		9133		X	12
0002 KLEN73914										
0003 DC 11003	X	X	1	X	18		102		X	X
0004 KLEN73915										
0005 GTS-2a	3	6465	80	907	17		3564		X	30
0006 MEB-1										
0007 MPL-5	19	5666	2421	730	2202		1.21%		336	50
0008 OREAS 202										
0009 WMS-1a						X		25.40		
BLANKS										
0001 Control Blank	X	X	X	X	X		X		X	X
0002 Control Blank	X	20	X	X	X		X		X	X
0003 Control Blank	X	X	X	X	X		X		X	X
0004 Control Blank	X	X	X	X	X		X		X	X



ELEMENTS	Sn	Sr	Te	Ti	Tl	V	W	Zn	Zn-Rp1
UNITS	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
DETECTION LIMIT	5	1	5	5	5	1	5	1	10
DIGEST	4A/	4A/	4A/	4A/	4A/	4A/	4A/	4A/	4AH/
ANALYTICAL FINISH	OE	OE	OE	OE	OE	OE	OE	OE	OE
SAMPLE NUMBERS									
0081 MH181418	7	25	X	2872	X	54	X	75	
0082 MH181419	X	38	X	2026	X	31	X	30	
0083 MH181420	6	44	X	1957	X	26	X	60	
0084 MH181421	19	24	X	91	X	X	X	452	
0085 MH181422	10	83	X	2314	X	31	X	193	
0086 MH181423	X	36	X	1910	X	25	X	220	
0087 MH181424	X	48	X	1561	X	20	X	217	
0088 MH181425	X	21	X	207	9	2	X	324	
0089 MH181426	19	13	X	826	X	8	X	>2.00%	2.48%
0090 MH181427	50	X	X	50	X	X	232	>2.00%	23.75%
0091 MH181428	25	2	X	95	X	X	X	>2.00%	3.15%
0092 MH181429	7	42	X	2069	X	26	X	1415	
0093 MH181430	X	53	X	2278	X	32	X	827	
CHECKS									
0001 MH181349	X	30	X	968	X	21	X	25	
0002 MH181386	6	18	X	2461	X	33	X	57	
0003 MH181405	7	25	X	1707	X	31	X	327	
STANDARDS									
0001 AMIS0424	6	3484	X	2127	X	97	X	67	
0002 KLEN73914									
0003 DC 11003	X	37	X	33	X	3	X	15	
0004 KLEN73915									
0005 GTS-2a	X	91	X	1447	X	167	18	225	
0006 MEB-1									
0007 MPL-5	13	438	38	2649	X	204	25	1414	
0008 OREAS 202									
0009 WMS-1a									137
BLANKS									
0001 Control Blank	X	X	X	X	X	1	X	X	
0002 Control Blank	X	X	X	X	X	1	X	X	
0003 Control Blank	X	X	X	X	X	X	X	X	
0004 Control Blank	X	X	X	X	X	1	X	1	



METHOD CODE DESCRIPTION

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