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Page: 1
Total # Pages: 4 (A - D)
Plus Appendix Pages
Finalized Date: 4-NOV-2017
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QC CERTIFICATE AD17205426

This report is for 9 Pan Con samples submitted to our lab in Adelaide, SA, Australia on 25-SEP-2017.

The following have access to data associated with this certificate:

PAUL BURTON
CATH WETHERBY

KIM GREY

GAVIN OTTO

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
LOG-22	Sample login - Rcd w/o BarCode
WEI-21g	Received Wet Sample Wt in grams
LEV-01	Waste Disposal Levy
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA25	Ore Grade Au 30g FA AA finish	AAS
ME-MS89L	Super Trace DL Na2O2 by ICP-MS	ICP-MS
PGM-MS23	Pt, Pd, Au 30g FA ICP-MS	ICP-MS

To: TODD RIVER METALS
ATTN: CATH WETHERBY
LEVEL 1
282 ROKEBY ROAD
SUBIACO WA 6008

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:

Colin Ramshaw, Vancouver Laboratory Manager



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Page: 2 - A
 Total # Pages: 4 (A - D)
 Plus Appendix Pages
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QC CERTIFICATE OF ANALYSIS AD17205426

Sample Description	Method Analyte Units LOR	ME-MS89L Ag ppm 5	ME-MS89L As ppm 4	ME-MS89L Ba ppm 2	ME-MS89L Be ppm 0.4	ME-MS89L Bi ppm 0.1	ME-MS89L Ca % 0.1	ME-MS89L Cd ppm 0.8	ME-MS89L Ce ppm 0.2	ME-MS89L Co ppm 0.5	ME-MS89L Cs ppm 0.1	ME-MS89L Cu ppm 20	ME-MS89L Dy ppm 0.03	ME-MS89L Er ppm 0.02	ME-MS89L Eu ppm 0.03	ME-MS89L Fe % 0.05
STANDARDS																
AMIS0343		<5	13	83	230	2.5	0.4	<0.8	1.1	2.5	363	50	0.14	0.12	0.05	0.91
Target Range - Lower Bound		<5	<4	68	209	2.4	<0.1	<0.8	<0.2	1.5	0.8	<20	<0.03	<0.02	<0.03	0.65
Upper Bound		10	22	87	257	3.2	0.5	1.6	1.1	3.7	1.4	90	0.14	0.10	0.09	0.93
CDN-PGMS28																
CDN-PGMS28																
Target Range - Lower Bound																
Upper Bound																
G912-1																
Target Range - Lower Bound																
Upper Bound																
GPP-04																
GPP-04																
Target Range - Lower Bound																
Upper Bound																
GPP-13																
Target Range - Lower Bound																
Upper Bound																
GTA-01		8	<4	51	176.0	2.5	0.3	0.9	0.6	1.1	159.5	<20	0.08	0.05	<0.03	0.51
GTA-01		5	<4	53	181.5	1.9	0.4	<0.8	1.0	1.2	156.0	<20	0.03	0.05	0.03	0.60
Target Range - Lower Bound		<5	<4	48	165.0	1.4	0.3	<0.8	<0.2	<0.5	132.5	<20	<0.03	<0.02	0.23	0.41
Upper Bound		15	10	64	202	2.0	0.8	2.1	0.7	1.6	162.0	50	0.15	0.07	0.38	0.66
LEA-16																
Target Range - Lower Bound																
Upper Bound																
OREAS-45e																
Target Range - Lower Bound																
Upper Bound																
SY-4		<5	<4	336	3.3	0.1	5.8	<0.8	225	2.0	1.3	<20	18.75	14.30	1.83	4.06
SY-4		<5	<4	360	3.4	0.2	5.9	<0.8	123.5	2.3	1.6	<20	19.65	14.10	1.95	4.30
Target Range - Lower Bound		<5	<4	299	2.1	<0.1	5.1	<0.8	107.5	1.7	1.2	<20	16.35	12.75	1.75	3.91
Upper Bound		15	12	369	4.0	0.4	6.4	1.6	131.5	3.9	1.8	60	20.1	15.65	2.21	4.89



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Page: 2 - B
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 Account: TODRIV

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Sample Description	Method Analyte Units LOR	ME-MS89L Ga ppm 0.5	ME-MS89L Gd ppm 0.03	ME-MS89L Ge ppm 0.5	ME-MS89L Ho ppm 0.01	ME-MS89L In ppm 0.3	ME-MS89L K % 0.05	ME-MS89L La ppm 0.08	ME-MS89L Li ppm 2	ME-MS89L Lu ppm 0.05	ME-MS89L Mn ppm 10	ME-MS89L Mo ppm 2	ME-MS89L Nb ppm 0.8	ME-MS89L Nd ppm 0.07	ME-MS89L Ni ppm 10	ME-MS89L Pb ppm 0.5
STANDARDS																
AMISO343		47.6	0.15	8.9	0.04	<0.3	2.57	0.60	7020	<0.05	990	4	46.5	0.47	20	6.5
Target Range - Lower Bound		39.7	0.09	6.1	<0.01	<0.3	2.16	0.26	6310	<0.05	810	<2	37.0	0.44	<10	4.3
Upper Bound		49.7	0.23	8.9	0.05	0.7	2.76	0.62	7720	0.12	1010	8	47.0	0.78	30	6.9
CDN-PGMS28																
CDN-PGMS28																
Target Range - Lower Bound																
Upper Bound																
G912-1																
Target Range - Lower Bound																
Upper Bound																
GPP-04																
GPP-04																
Target Range - Lower Bound																
Upper Bound																
GPP-13																
Target Range - Lower Bound																
Upper Bound																
GTA-01		55.8	<0.03	7.3	<0.01	<0.3	2.38	0.28	3300	<0.05	900	2	43.5	0.56	10	10.8
GTA-01		56.6	0.17	7.4	0.01	<0.3	2.30	0.79	3220	<0.05	950	2	51.1	0.56	20	12.8
Target Range - Lower Bound		47.5	<0.03	5.7	<0.01	<0.3	1.91	<0.08	3020	<0.05	800	<2	41.5	<0.07	<10	10.2
Upper Bound		59.1	0.13	8.5	0.03	0.7	2.45	0.42	3700	0.13	1000	6	52.5	0.25	40	13.6
LEA-16																
Target Range - Lower Bound																
Upper Bound																
OREAS-45e																
Target Range - Lower Bound																
Upper Bound																
SY-4		36.1	14.90	2.2	4.08	<0.3	1.51	172.5	41	1.86	820	<2	15.4	94.2	<10	8.9
SY-4		36.1	14.60	1.9	4.61	<0.3	1.47	54.2	41	2.28	840	<2	15.1	62.7	10	9.3
Target Range - Lower Bound		32.7	12.75	<0.5	3.86	<0.3	1.19	52.1	32	1.84	760	<2	11.3	52.0	<10	8.5
Upper Bound		41.1	15.65	2.6	4.74	1.0	1.57	63.9	44	2.36	950	6	15.9	63.8	30	11.5



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Page: 2 - C
 Total # Pages: 4 (A - D)
 Plus Appendix Pages
 Finalized Date: 4-NOV-2017
 Account: TODRIV

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Sample Description	Method Analyte Units LOR	ME-MS89L Pr ppm 0.03	ME-MS89L Rb ppm 0.5	ME-MS89L Re ppm 0.01	ME-MS89L Sb ppm 0.3	ME-MS89L Se ppm 3	ME-MS89L Sm ppm 0.04	ME-MS89L Sn ppm 3	ME-MS89L Sr ppm 20	ME-MS89L Ta ppm 0.04	ME-MS89L Tb ppm 0.01	ME-MS89L Te ppm 0.5	ME-MS89L Th ppm 0.1	ME-MS89L Ti % 0.005	ME-MS89L Tl ppm 0.02	ME-MS89L Tm ppm 0.01
STANDARDS																
AMISO343		0.16	3920	0.01	7.6	<3	0.05	89	20	178.5	0.02	<0.5	2.6	0.005	34.0	<0.01
Target Range - Lower Bound		0.04	3280	<0.01	6.0	<3	<0.04	74	<20	160.0	<0.01	<0.5	1.7	<0.005	29.7	<0.01
Upper Bound		0.18	4000	0.03	8.0	8	0.20	97	60	196.0	0.04	1.5	2.3	0.021	36.3	0.03
CDN-PGMS28																
CDN-PGMS28																
Target Range - Lower Bound																
Upper Bound																
G912-1																
Target Range - Lower Bound																
Upper Bound																
GPP-04																
GPP-04																
Target Range - Lower Bound																
Upper Bound																
GPP-13																
Target Range - Lower Bound																
Upper Bound																
GTA-01		0.08	3480	0.01	0.6	<3	0.19	463	<20	301	0.02	1.2	3.5	<0.005	27.3	0.02
GTA-01		0.13	3850	<0.01	<0.3	<3	0.10	477	20	432	0.01	0.6	3.4	<0.005	29.3	<0.01
Target Range - Lower Bound		<0.03	3310	<0.01	<0.3	<3	<0.04	391	<20	373	<0.01	<0.5	3.3	<0.005	24.3	<0.01
Upper Bound		0.09	4040	0.03	1.4	10	0.15	485	70	457	0.04	1.9	4.3	0.010	29.7	0.03
LEA-16																
Target Range - Lower Bound																
Upper Bound																
OREAS-45e																
Target Range - Lower Bound																
Upper Bound																
SY-4		20.4	51.4	0.01	<0.3	<3	11.60	7	1280	0.60	2.39	<0.5	1.8	0.169	0.28	2.09
SY-4		15.15	60.5	0.04	<0.3	<3	13.80	14	1250	1.11	2.76	0.6	1.1	0.171	0.26	2.47
Target Range - Lower Bound		13.05	50.5	<0.01	<0.3	<3	11.40	<3	1050	0.59	2.33	<0.5	1.0	0.140	0.20	2.06
Upper Bound		16.05	62.9	0.02	1.0	9	14.00	15	1330	0.83	2.87	1.0	1.6	0.201	0.30	2.54



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Page: 2 - D
 Total # Pages: 4 (A - D)
 Plus Appendix Pages
 Finalized Date: 4-NOV-2017
 Account: TODRIV

QC CERTIFICATE OF ANALYSIS AD17205426

Sample Description	Method Analyte Units LOR	ME-MS89L U ppm 0.2	ME-MS89L V ppm 1	ME-MS89L W ppm 0.3	ME-MS89L Y ppm 0.2	ME-MS89L Yb ppm 0.02	ME-MS89L Zn ppm 10	PGM-MS23 Au ppm 0.001	PGM-MS23 Pt ppm 0.0005	PGM-MS23 Pd ppm 0.001	Au-AA25 Au ppm 0.01
STANDARDS											
AMIS0343		5.9	5	3.9	1.1	0.05	90				
Target Range - Lower Bound		5.5	<1	2.7	0.4	<0.02	60				
Upper Bound		7.1	6	4.3	1.2	0.09	100				
CDN-PGMS28								0.215	>1.00	>1.00	
CDN-PGMS28								0.185	>1.00	>1.00	
Target Range - Lower Bound								0.180	1.420	1.645	
Upper Bound								0.206	1.000	1.000	
G912-1											7.36
Target Range - Lower Bound											6.84
Upper Bound											7.74
GPP-04								0.095	0.0830	0.100	
GPP-04								0.075	0.0941	0.102	
Target Range - Lower Bound								0.074	0.0822	0.091	
Upper Bound								0.086	0.0938	0.105	
GPP-13								0.603	0.303	0.378	
Target Range - Lower Bound								0.574	0.288	0.366	
Upper Bound								0.650	0.326	0.414	
GTA-01		5.8	3	4.7	0.8	0.05	70				
GTA-01		6.2	1	5.4	0.8	0.03	80				
Target Range - Lower Bound		5.0	<1	4.5	0.3	<0.02	50				
Upper Bound		6.6	4	6.2	1.2	0.06	90				
LEA-16											0.50
Target Range - Lower Bound											0.46
Upper Bound											0.54
OREAS-45e								0.054	0.1140	0.077	
Target Range - Lower Bound								0.049	0.1030	0.070	
Upper Bound								0.057	0.1170	0.081	
SY-4		1.1	5	<0.3	110.5	14.50	110				
SY-4		0.9	7	<0.3	127.0	15.70	100				
Target Range - Lower Bound		0.4	6	<0.3	107.0	13.65	80				
Upper Bound		1.2	10	0.9	131.0	16.75	130				



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Page: 3 - A
 Total # Pages: 4 (A - D)
 Plus Appendix Pages
 Finalized Date: 4-NOV-2017
 Account: TODRIV

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Method Analyte Units LOR	ME-MS89L Ag ppm	ME-MS89L As ppm	ME-MS89L Ba ppm	ME-MS89L Be ppm	ME-MS89L Bi ppm	ME-MS89L Ca %	ME-MS89L Cd ppm	ME-MS89L Ce ppm	ME-MS89L Co ppm	ME-MS89L Cs ppm	ME-MS89L Cu ppm	ME-MS89L Dy ppm	ME-MS89L Er ppm	ME-MS89L Eu ppm	ME-MS89L Fe %
Sample Description	5	4	2	0.4	0.1	0.1	0.8	0.2	0.5	0.1	20	0.03	0.02	0.03	0.05
BLANK	BLANKS														
Target Range - Lower Bound															
Upper Bound															
BLANK	14	<4	2	<0.4	0.7	0.1	1.2	3.8	0.5	<0.1	<20	0.05	0.03	<0.03	<0.05
BLANK	13	<4	<2	<0.4	0.2	0.1	1.0	0.4	<0.5	<0.1	<20	0.03	0.09	<0.03	<0.05
BLANK	7	<4	2	<0.4	0.3	0.1	1.2	<0.2	<0.5	0.1	<20	<0.03	<0.02	<0.03	<0.05
BLANK	5	<4	2	<0.4	0.2	0.1	<0.8	<0.2	<0.5	<0.1	<20	<0.03	0.02	<0.03	<0.05
Target Range - Lower Bound	<5	<4	<2	<0.4	<0.1	<0.1	<0.8	<0.2	<0.5	<0.1	<20	<0.03	<0.02	<0.03	<0.05
Upper Bound	10	8	4	0.8	0.2	0.2	1.6	0.4	1.0	0.2	40	0.06	0.04	0.06	0.10
BLANK															
BLANK															
BLANK															
Target Range - Lower Bound															
Upper Bound															
SCA019	9	303	111	4.9	1.8	0.2	<0.8	3370	10.8	7.2	<20	149.5	66.1	5.14	1.97
DUP	<5	307	91	4.6	1.6	0.2	<0.8	3320	11.4	8.4	<20	143.0	61.4	4.85	1.93
Target Range - Lower Bound	<5	286	94	4.0	1.5	<0.1	<0.8	3180	10.0	7.3	<20	139.0	60.5	4.72	1.80
Upper Bound	10	324	108	5.5	1.9	0.3	1.6	3510	12.2	8.3	40	153.5	67.0	5.27	2.10
SCA03	5	7	20	2.2	3.3	0.2	<0.8	13.6	30.0	2.3	<20	4.90	2.89	0.33	0.73
DUP	<5	4	24	2.2	3.8	0.2	<0.8	12.2	30.5	2.1	<20	5.52	2.84	0.26	0.72
Target Range - Lower Bound	<5	<4	19	1.6	3.3	<0.1	<0.8	12.1	28.2	2.0	<20	4.92	2.70	0.25	0.64
Upper Bound	10	8	25	2.8	3.8	0.3	1.6	13.7	32.3	2.4	40	5.50	3.03	0.34	0.81
SCA08															
DUP															
Target Range - Lower Bound															
Upper Bound															
ORIGINAL															
DUP															
Target Range - Lower Bound															
Upper Bound															



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Page: 3 - B
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Sample Description															
BLANK	BLANKS														
Target Range - Lower Bound															
Upper Bound															
BLANK	<0.5	0.22	0.7	0.02	<0.3	0.07	1.76	<2	<0.05	10	<2	1.5	1.98	<10	0.8
BLANK	0.9	<0.03	1.6	<0.01	<0.3	0.08	0.10	<2	<0.05	<10	<2	1.5	0.10	<10	<0.5
BLANK	<0.5	<0.03	0.6	<0.01	<0.3	0.09	<0.08	2	<0.05	10	<2	1.1	0.20	10	<0.5
BLANK	<0.5	<0.03	<0.5	<0.01	<0.3	0.07	<0.08	<2	<0.05	<10	<2	<0.8	<0.07	10	<0.5
Target Range - Lower Bound	<0.5	<0.03	<0.5	<0.01	<0.3	<0.05	<0.08	<2	<0.05	<10	<2	<0.8	<0.07	<10	<0.5
Upper Bound	1.0	0.06	1.0	0.02	0.6	0.10	0.16	4	0.10	20	4	1.6	0.14	20	1.0
BLANK															
BLANK															
BLANK															
Target Range - Lower Bound															
Upper Bound															
SCA019	24.0	248	4.9	24.0	<0.3	1.48	1480	23	6.18	290	2	4020	1260	50	139.0
DUP	24.1	237	3.4	24.0	<0.3	1.41	1510	23	6.52	300	2	4070	1240	40	138.0
Target Range - Lower Bound	22.3	230	3.4	22.8	<0.3	1.32	1420	20	5.98	270	<2	3840	1185	30	131.0
Upper Bound	25.8	255	4.9	25.2	0.6	1.57	1570	26	6.72	320	4	4250	1315	60	146.0
SCA03	6.5	3.76	0.6	1.13	<0.3	0.15	5.52	5	0.44	920	<2	5470	6.32	160	17.1
DUP	5.9	3.45	0.8	1.11	<0.3	0.14	5.40	7	0.45	900	<2	5440	5.28	150	17.6
Target Range - Lower Bound	5.4	3.39	<0.5	1.05	<0.3	0.09	5.11	4	0.37	850	<2	5180	5.44	140	16.0
Upper Bound	7.0	3.82	1.0	1.19	0.6	0.20	5.81	8	0.52	970	4	5730	6.16	170	18.7
SCA08															
DUP															
Target Range - Lower Bound															
Upper Bound															
ORIGINAL															
DUP															
Target Range - Lower Bound															
Upper Bound															



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Page: 3 - C
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Sample Description															
BLANK	BLANKS														
Target Range - Lower Bound															
Upper Bound															
BLANK	0.36	<0.5	<0.01	0.3	<3	0.53	6	<20	0.53	0.03	0.9	1.1	<0.005	0.02	<0.01
BLANK	<0.03	<0.5	<0.01	<0.3	4	0.04	14	<20	0.30	<0.01	<0.5	0.1	<0.005	<0.02	<0.01
BLANK	<0.03	<0.5	<0.01	<0.3	<3	<0.04	4	<20	0.62	<0.01	<0.5	<0.1	<0.005	<0.02	<0.01
BLANK	<0.03	<0.5	0.01	<0.3	<3	<0.04	<3	<20	0.31	<0.01	0.6	<0.1	<0.005	<0.02	<0.01
Target Range - Lower Bound	<0.03	<0.5	<0.01	<0.3	<3	<0.04	<3	<20	<0.04	<0.01	<0.5	<0.1	<0.005	<0.02	<0.01
Upper Bound	0.06	1.0	0.02	0.6	6	0.08	6	40	0.08	0.02	1.0	0.2	0.010	0.04	0.02
BLANK															
BLANK															
BLANK															
Target Range - Lower Bound															
Upper Bound															
SCA019	369	86.5	0.04	4.4	3	275	>25000	50	4540	27.7	0.9	930	0.408	0.61	8.56
DUP	361	86.7	0.03	4.5	<3	264	>25000	50	5330	27.4	0.9	942	0.388	0.58	8.32
Target Range - Lower Bound	347	81.8	0.02	3.9	<3	256	23700	30	4690	26.2	<0.5	889	0.363	0.55	8.01
Upper Bound	383	91.4	0.05	5.0	6	283	>25000	70	5180	28.9	1.0	983	0.433	0.64	8.87
SCA03	1.61	6.2	<0.01	3.9	<3	1.62	>25000	<20	10450	0.73	1.9	4.6	0.153	<0.02	0.45
DUP	1.19	6.4	<0.01	3.5	<3	1.50	>25000	<20	10200	0.72	1.5	4.3	0.154	<0.02	0.50
Target Range - Lower Bound	1.30	5.5	<0.01	3.2	<3	1.44	23700	<20	9810	0.68	1.1	4.1	0.137	<0.02	0.44
Upper Bound	1.50	7.1	0.02	4.2	6	1.68	>25000	40	10850	0.77	2.3	4.8	0.170	0.04	0.51
SCA08															
DUP															
Target Range - Lower Bound															
Upper Bound															
ORIGINAL															
DUP															
Target Range - Lower Bound															
Upper Bound															



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32 Shand Street

Stafford

Brisbane QLD 4053

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Page: 3 - D
Total # Pages: 4 (A - D)
Plus Appendix Pages
Finalized Date: 4-NOV-2017
Account: TODRIV

QC CERTIFICATE OF ANALYSIS AD17205426

Method Analyte Units LOR	ME-MS89L U ppm 0.2	ME-MS89L V ppm 1	ME-MS89L W ppm 0.3	ME-MS89L Y ppm 0.2	ME-MS89L Yb ppm 0.02	ME-MS89L Zn ppm 10	PGM-MS23 Au ppm 0.001	PGM-MS23 Pt ppm 0.0005	PGM-MS23 Pd ppm 0.001	Au-AA25 Au ppm 0.01
Sample Description										
BLANK	BLANKS									
Target Range - Lower Bound										<0.01
Upper Bound										0.02
BLANK	0.5	1	1.1	0.8	0.07	20				
BLANK	0.3	2	<0.3	<0.2	<0.02	10				
BLANK	0.3	1	<0.3	0.2	<0.02	30				
BLANK	0.3	1	<0.3	0.2	0.02	10				
Target Range - Lower Bound	<0.2	<1	<0.3	<0.2	<0.02	<10				
Upper Bound	0.4	2	0.6	0.4	0.04	20				
BLANK							0.002	<0.0005	0.001	
BLANK							0.002	<0.0005	0.001	
BLANK							0.002	<0.0005	0.001	
Target Range - Lower Bound							<0.001	<0.0005	<0.001	
Upper Bound							0.002	0.0010	0.002	
SCA019	146.0	16	109.0	740	49.0	70				
DUP	147.0	17	113.5	711	47.6	70				
Target Range - Lower Bound	139.0	15	105.5	689	45.9	60				
Upper Bound	154.0	18	117.0	762	50.7	80				
SCA03	16.5	9	462	29.7	2.87	20				
DUP	16.8	9	459	30.6	2.87	20				
Target Range - Lower Bound	15.6	8	437	28.4	2.71	<10				
Upper Bound	17.7	10	484	31.9	3.03	30				
SCA08							0.026	0.0009	0.005	
DUP							0.012	0.0009	0.005	
Target Range - Lower Bound							0.017	<0.0005	0.004	
Upper Bound							0.021	0.0010	0.006	
ORIGINAL							<0.001	<0.0005	0.001	
DUP							<0.001	<0.0005	0.001	
Target Range - Lower Bound							<0.001	<0.0005	<0.001	
Upper Bound							0.002	0.0010	0.002	



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Brisbane QLD 4053
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Page: 4 - A
Total # Pages: 4 (A - D)
Plus Appendix Pages
Finalized Date: 4-NOV-2017
Account: TODRIV

QC CERTIFICATE OF ANALYSIS AD17205426

Sample Description	Method Analyte Units LOR	ME-MS89L Ag ppm 5	ME-MS89L As ppm 4	ME-MS89L Ba ppm 2	ME-MS89L Be ppm 0.4	ME-MS89L Bi ppm 0.1	ME-MS89L Ca % 0.1	ME-MS89L Cd ppm 0.8	ME-MS89L Ce ppm 0.2	ME-MS89L Co ppm 0.5	ME-MS89L Cs ppm 0.1	ME-MS89L Cu ppm 20	ME-MS89L Dy ppm 0.03	ME-MS89L Er ppm 0.02	ME-MS89L Eu ppm 0.03	ME-MS89L Fe % 0.05
ORIGINAL DUP Target Range - Lower Bound Upper Bound	DUPLICATES															
ORIGINAL DUP Target Range - Lower Bound Upper Bound																
ORIGINAL DUP Target Range - Lower Bound Upper Bound																



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Stafford
Brisbane QLD 4053
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Page: 4 - B
Total # Pages: 4 (A - D)
Plus Appendix Pages
Finalized Date: 4-NOV-2017
Account: TODRIV

QC CERTIFICATE OF ANALYSIS AD17205426

Sample Description	Method Analyte Units LOR	ME-MS89L Ga ppm 0.5	ME-MS89L Gd ppm 0.03	ME-MS89L Ge ppm 0.5	ME-MS89L Ho ppm 0.01	ME-MS89L In ppm 0.3	ME-MS89L K % 0.05	ME-MS89L La ppm 0.08	ME-MS89L Li ppm 2	ME-MS89L Lu ppm 0.05	ME-MS89L Mn ppm 10	ME-MS89L Mo ppm 2	ME-MS89L Nb ppm 0.8	ME-MS89L Nd ppm 0.07	ME-MS89L Ni ppm 10	ME-MS89L Pb ppm 0.5
ORIGINAL DUP Target Range - Lower Bound Upper Bound	DUPLICATES															
ORIGINAL DUP Target Range - Lower Bound Upper Bound																
ORIGINAL DUP Target Range - Lower Bound Upper Bound																



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Page: 4 - C
Total # Pages: 4 (A - D)
Plus Appendix Pages
Finalized Date: 4-NOV-2017
Account: TODRIV

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Sample Description	Method Analyte Units LOR	ME-MS89L Pr ppm 0.03	ME-MS89L Rb ppm 0.5	ME-MS89L Re ppm 0.01	ME-MS89L Sb ppm 0.3	ME-MS89L Se ppm 3	ME-MS89L Sm ppm 0.04	ME-MS89L Sn ppm 3	ME-MS89L Sr ppm 20	ME-MS89L Ta ppm 0.04	ME-MS89L Tb ppm 0.01	ME-MS89L Te ppm 0.5	ME-MS89L Th ppm 0.1	ME-MS89L Ti % 0.005	ME-MS89L Tl ppm 0.02	ME-MS89L Tm ppm 0.01
ORIGINAL DUP Target Range - Lower Bound Upper Bound		DUPLICATES														
ORIGINAL DUP Target Range - Lower Bound Upper Bound																
ORIGINAL DUP Target Range - Lower Bound Upper Bound																



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Stafford
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Page: 4 - D
Total # Pages: 4 (A - D)
Plus Appendix Pages
Finalized Date: 4-NOV-2017
Account: TODRIV

QC CERTIFICATE OF ANALYSIS AD17205426

Sample Description	Method Analyte Units LOR	ME-MS89L U ppm 0.2	ME-MS89L V ppm 1	ME-MS89L W ppm 0.3	ME-MS89L Y ppm 0.2	ME-MS89L Yb ppm 0.02	ME-MS89L Zn ppm 10	PGM-MS23 Au ppm 0.001	PGM-MS23 Pt ppm 0.0005	PGM-MS23 Pd ppm 0.001	Au-AA25 Au ppm 0.01
ORIGINAL DUP Target Range - Lower Bound Upper Bound		DUPLICATES									<0.01 <0.01 <0.01 0.02
ORIGINAL DUP Target Range - Lower Bound Upper Bound											3.31 3.27 3.12 3.46
ORIGINAL DUP Target Range - Lower Bound Upper Bound											0.04 0.04 0.03 0.05



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Page: Appendix 1
Total # Appendix Pages: 1
Finalized Date: 4-NOV-2017
Account: TODRIV

QC CERTIFICATE OF ANALYSIS AD17205426

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:

Processed at ALS Adelaide located at Unit 1, 1 Burma Road, Pooraka, Adelaide, SA, Australia.

LEV-01

LOG-22

PUL-31

WEI-21g

Applies to Method:

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA25

ME-MS89L

PGM-MS23