File No. R3016(1)

Appendix 1 - QUALITY CONTROL - Replicates

Water			Banana Replicate 05-07-07 08:55	Banana Replicate QC # 20771	Banana Replicate QC # 21628	Banana Replicate QC # 21651
Physical Tests						
Conductivity	(uS/cm)		56.8	57.2	-	-
Total Dissolved Solids			25.2	<1.0	-	-
pH			6.83	6.85	-	-
Total Suspended Solids			<4.0	<4.0	-	-
Turbidity	(NTU)		0.60	0.57	-	-
Dissolved Anions						
Alkalinity-Gran Total		CaCO3	11.2	11.6	-	-
Chloride	Cl		<0.50	<0.50	-	-
Sulphate	SO4		14.5	14.3	-	-
Nutrients						
Ammonia Nitrogen		N	<0.0050	<0.0050	-	-
Total Kjeldahl Nitrogen		N	0.175	-	0.169	0.169
Nitrate Nitrogen		N	0.0050	<0.0050	-	-
Nitrite Nitrogen		N	<0.0050	<0.0050	-	-
Nitrite/Nitrate Nitrogen		N	<0.0071	<0.0071	-	-
Dissolved ortho-Phosphate		P	<0.0010	<0.0010	-	-
Total Phosphate		P	<0.0020	<0.0020	-	-

Remarks regarding the analyses appear at the beginning of this report.
< = Less than the detection limit indicated.
Results are expressed as milligrams per litre except where noted.

File No. R3016(1)

Appendix 1 - QUALITY CONTROL - Replicates

Water		Banana Replicate 05-07-07 08:55	Banana Replicate QC # 20771	Banana Replicate QC # 21628	Banana Replicate QC # 21651
Total Metals					
Aluminum	T-Al	0.0219	-	0.0220	0.0220
Antimony	T-Sb	<0.00010	-	<0.00010	<0.00010
Arsenic	T-As	<0.00010	-	<0.00010	<0.00010
Barium	T-Ba	0.00442	-	0.00448	0.00448
Beryllium	T-Be	<0.00050	-	<0.00050	<0.00050
Bismuth	T-Bi	<0.00050	-	<0.00050	<0.00050
Boron	T-B	<0.010	-	<0.010	<0.010
Cadmium	T-Cd	0.000086	-	0.000072	0.000072
Calcium	T-Ca	5.55	-	5.58	5.58
Chromium	T-Cr	<0.00050	-	<0.00050	<0.00050
Cobalt	T-Co	0.00018	-	0.00020	0.00020
Copper	T-Cu	0.0318	-	0.0322	0.0322
Lead	T-Pb	<0.000050	-	<0.000050	<0.000050
Lithium	T-Li	<0.0050	-	<0.0050	<0.0050
Magnesium	T-Mg	1.64	-	1.63	1.63
Manganese	T-Mn	0.00479	-	0.00483	0.00483
Molybdenum	T-Mo	<0.000050	-	<0.000050	<0.000050
Nickel	T-Ni	0.00065	-	0.00065	0.00065
Potassium	T-K	0.818	-	0.837	0.837
Selenium	T-Se	<0.0010	-	<0.0010	<0.0010
Silver	T-Ag	<0.000010	-	<0.000010	<0.000010
Sodium	T-Na	0.563	-	0.563	0.563
Strontium	T-Sr	0.00821	-	0.00831	0.00831
Thallium	T-Tl	<0.00010	-	<0.00010	<0.00010
Tin	T-Sn	<0.00010	-	<0.00010	<0.00010
Uranium	T-U	0.000014	-	0.000016	0.000016
Vanadium	T-V	<0.0010	-	<0.0010	<0.0010
Zinc	T-Zn	0.0142	-	0.0142	0.0142

Remarks regarding the analyses appear at the beginning of this report.
< = Less than the detection limit indicated.
Results are expressed as milligrams per litre except where noted.

File No. R3016(1)

Appendix 1 - QUALITY CONTROL - Replicates

Water			Banana Replicate 05-07-07 08:55		Banana Replicate QC # 20771	Banana Replicate QC # 21628	Banana Replicate QC # 21651
Dissolved Metals							
Aluminum	D-Al		0.0143	-		0.0139	0.0139
Antimony	D-Sb		<0.00010	-		<0.00010	<0.00010
Arsenic	D-As		<0.00010	-		<0.00010	<0.00010
Barium	D-Ba		0.00439	-		0.00430	0.00430
Beryllium	D-Be		<0.00050	-		<0.00050	<0.00050
Bismuth	D-Bi		<0.00050	-		<0.00050	<0.00050
Boron	D-B		<0.010	-		<0.010	<0.010
Cadmium	D-Cd		0.000073	-		0.000069	0.000069
Calcium	D-Ca		5.48	-		5.53	5.53
Chromium	D-Cr		<0.00050	-		0.00055	0.00055
Cobalt	D-Co		0.00019	-		0.00018	0.00018
Copper	D-Cu		0.0264	-		0.0260	0.0260
Lead	D-Pb		<0.000050	-		<0.000050	<0.000050
Lithium	D-Li		<0.0050	-		<0.0050	<0.0050
Magnesium	D-Mg		1.61	-		1.59	1.59
Manganese	D-Mn		0.00447	-		0.00444	0.00444
Molybdenum	D-Mo		<0.000050	-		<0.000050	<0.000050
Nickel	D-Ni		0.00065	-		0.00062	0.00062
Potassium	D-K		0.818	-		0.808	0.808
Selenium	D-Se		<0.0010	-		<0.0010	<0.0010
Silver	D-Ag		<0.000010	-		<0.000010	<0.000010
Sodium	D-Na		0.566	-		0.555	0.555
Strontium	D-Sr		0.00816	-		0.00818	0.00818
Thallium	D-Tl		<0.00010	-		<0.00010	<0.00010
Tin	D-Sn		0.00012	-		0.00013	0.00013
Uranium	D-U		0.000011	-		0.000011	0.000011
Vanadium	D-V		<0.0010	-		<0.0010	<0.0010
Zinc	D-Zn		0.0137	-		0.0137	0.0137
Organic Parameters							
Dissolved Organic Carbon C			1.99	-		2.03	2.03
Total Organic Carbon		C	2.23	-		2.19	2.19

Remarks regarding the analyses appear at the beginning of this report.
< = Less than the detection limit indicated.
Results are expressed as milligrams per litre except where noted.

Appendix 1 - QUALITY CONTROL - Reference Materials

Water

		Result	Target	Units	DL	ALSQC#	Method
ALSEV Metals in Water - High, 4GK116							
Total Metals							
Aluminum	T-Al	1.93	2.00	mg/L	0.2	21637	a
Aluminum	T-Al	1.92	2.00	mg/L	0.2	21646	a
Aluminum	T-Al	1.93	2.00	mg/L	0.2	21660	a
Aluminum	T-Al	1.92	2.00	mg/L	0.2	21669	a
Antimony	T-Sb	0.98	1.00	mg/L	0.2	21637	a
Antimony	T-Sb	1.00	1.00	mg/L	0.2	21646	a
Antimony	T-Sb	0.98	1.00	mg/L	0.2	21660	a
Antimony	T-Sb	1.00	1.00	mg/L	0.2	21669	a
Arsenic	T-As	1.00	1.00	mg/L	0.2	21637	a
Arsenic	T-As	1.00	1.00	mg/L	0.2	21646	a
Arsenic	T-As	1.00	1.00	mg/L	0.2	21660	a
Arsenic	T-As	1.00	1.00	mg/L	0.2	21669	a
Barium	T-Ba	0.254	0.250	mg/L	0.01	21637	a
Barium	T-Ba	0.251	0.250	mg/L	0.01	21646	a
Barium	T-Ba	0.254	0.250	mg/L	0.01	21660	a
Barium	T-Ba	0.251	0.250	mg/L	0.01	21669	a
Beryllium	T-Be	0.101	0.100	mg/L	0.005	21637	a
Beryllium	T-Be	0.100	0.100	mg/L	0.005	21646	a
Beryllium	T-Be	0.101	0.100	mg/L	0.005	21660	a
Beryllium	T-Be	0.100	0.100	mg/L	0.005	21669	a
Bismuth	T-Bi	0.99	1.00	mg/L	0.2	21637	a
Bismuth	T-Bi	0.96	1.00	mg/L	0.2	21646	a
Bismuth	T-Bi	0.99	1.00	mg/L	0.2	21660	a
Bismuth	T-Bi	0.96	1.00	mg/L	0.2	21669	a
Boron	T-B	1.01	1.00	mg/L	0.1	21637	a
Boron	T-B	1.01	1.00	mg/L	0.1	21646	a
Boron	T-B	1.01	1.00	mg/L	0.1	21660	a
Boron	T-B	1.01	1.00	mg/L	0.1	21669	a
Cadmium	T-Cd	0.101	0.100	mg/L	0.01	21637	a
Cadmium	T-Cd	0.101	0.100	mg/L	0.01	21646	a
Cadmium	T-Cd	0.101	0.100	mg/L	0.01	21660	a
Cadmium	T-Cd	0.101	0.100	mg/L	0.01	21669	a
Calcium	T-Ca	48.9	50.0	mg/L	0.05	21637	a

Methods:
a = ICPOES

Appendix 1 - QUALITY CONTROL - Reference Materials

Water

		Result	Target	Units	DL	ALSQC#	Method
ALSEV Metals in Water - High, 4GK116							
Total Metals							
Calcium	T-Ca	49.3	50.0	mg/L	0.05	21646	a
Calcium	T-Ca	48.9	50.0	mg/L	0.05	21660	a
Calcium	T-Ca	49.3	50.0	mg/L	0.05	21669	a
Chromium	T-Cr	0.247	0.250	mg/L	0.01	21637	a
Chromium	T-Cr	0.250	0.250	mg/L	0.01	21646	a
Chromium	T-Cr	0.247	0.250	mg/L	0.01	21660	a
Chromium	T-Cr	0.250	0.250	mg/L	0.01	21669	a
Cobalt	T-Co	0.248	0.250	mg/L	0.01	21637	a
Cobalt	T-Co	0.250	0.250	mg/L	0.01	21646	a
Cobalt	T-Co	0.248	0.250	mg/L	0.01	21660	a
Cobalt	T-Co	0.250	0.250	mg/L	0.01	21669	a
Copper	T-Cu	0.247	0.250	mg/L	0.01	21637	a
Copper	T-Cu	0.251	0.250	mg/L	0.01	21646	a
Copper	T-Cu	0.247	0.250	mg/L	0.01	21660	a
Copper	T-Cu	0.251	0.250	mg/L	0.01	21669	a
Iron	T-Fe	1.01	1.00	mg/L	0.03	21637	a
Iron	T-Fe	1.01	1.00	mg/L	0.03	21646	a
Iron	T-Fe	1.01	1.00	mg/L	0.03	21660	a
Iron	T-Fe	1.01	1.00	mg/L	0.03	21669	a
Lead	T-Pb	0.504	0.500	mg/L	0.05	21637	a
Lead	T-Pb	0.500	0.500	mg/L	0.05	21646	a
Lead	T-Pb	0.504	0.500	mg/L	0.05	21660	a
Lead	T-Pb	0.500	0.500	mg/L	0.05	21669	a
Lithium	T-Li	0.231	0.250	mg/L	0.01	21637	a
Lithium	T-Li	0.230	0.250	mg/L	0.01	21646	a
Lithium	T-Li	0.231	0.250	mg/L	0.01	21660	a
Lithium	T-Li	0.230	0.250	mg/L	0.01	21669	a
Magnesium	T-Mg	49.2	50.0	mg/L	0.1	21637	a
Magnesium	T-Mg	49.6	50.0	mg/L	0.1	21646	a
Magnesium	T-Mg	49.2	50.0	mg/L	0.1	21660	a
Magnesium	T-Mg	49.6	50.0	mg/L	0.1	21669	a
Manganese	T-Mn	0.251	0.250	mg/L	0.005	21637	a
Manganese	T-Mn	0.250	0.250	mg/L	0.005	21646	a

Methods:
a = ICPOES

Appendix 1 - QUALITY CONTROL - Reference Materials

Water

		Result	Target	Units	DL	ALSQC#	Method
ALSEV Metals in Water - High, 4GK116							
Total Metals							
Manganese	T-Mn	0.251	0.250	mg/L	0.005	21660	a
Manganese	T-Mn	0.250	0.250	mg/L	0.005	21669	a
Molybdenum	T-Mo	0.251	0.250	mg/L	0.03	21637	a
Molybdenum	T-Mo	0.249	0.250	mg/L	0.03	21646	a
Molybdenum	T-Mo	0.251	0.250	mg/L	0.03	21660	a
Molybdenum	T-Mo	0.249	0.250	mg/L	0.03	21669	a
Nickel	T-Ni	0.500	0.500	mg/L	0.05	21637	a
Nickel	T-Ni	0.502	0.500	mg/L	0.05	21646	a
Nickel	T-Ni	0.500	0.500	mg/L	0.05	21660	a
Nickel	T-Ni	0.502	0.500	mg/L	0.05	21669	a
Phosphorus	T-P	2.45	2.50	mg/L	0.3	21637	a
Phosphorus	T-P	2.48	2.50	mg/L	0.3	21646	a
Phosphorus	T-P	2.45	2.50	mg/L	0.3	21660	a
Phosphorus	T-P	2.48	2.50	mg/L	0.3	21669	a
Potassium	T-K	49.6	50.0	mg/L	2	21637	a
Potassium	T-K	49.2	50.0	mg/L	2	21646	a
Potassium	T-K	49.6	50.0	mg/L	2	21660	a
Potassium	T-K	49.2	50.0	mg/L	2	21669	a
Selenium	T-Se	0.99	1.00	mg/L	0.2	21637	a
Selenium	T-Se	1.01	1.00	mg/L	0.2	21646	a
Selenium	T-Se	0.99	1.00	mg/L	0.2	21660	a
Selenium	T-Se	1.01	1.00	mg/L	0.2	21669	a
Silicon	T-Si	1.01	1.00	mg/L	0.05	21637	a
Silicon	T-Si	1.01	1.00	mg/L	0.05	21646	a
Silicon	T-Si	1.01	1.00	mg/L	0.05	21660	a
Silicon	T-Si	1.01	1.00	mg/L	0.05	21669	a
Silver	T-Ag	0.101	0.100	mg/L	0.01	21637	a
Silver	T-Ag	0.101	0.100	mg/L	0.01	21646	a
Silver	T-Ag	0.101	0.100	mg/L	0.01	21660	a
Silver	T-Ag	0.101	0.100	mg/L	0.01	21669	a
Sodium	T-Na	49.6	50.0	mg/L	2	21637	a
Sodium	T-Na	49.6	50.0	mg/L	2	21646	a
Sodium	T-Na	49.6	50.0	mg/L	2	21660	a

Methods:
a = ICPOES

Appendix 1 - QUALITY CONTROL - Reference Materials

Water

		Result	Target	Units	DL	ALSQC#	Method
ALSEV Metals in Water - High, 4GK116							
Total Metals							
Sodium	T-Na	49.6	50.0	mg/L	2	21669	a
Strontium	T-Sr	0.250	0.250	mg/L	0.005	21637	a
Strontium	T-Sr	0.249	0.250	mg/L	0.005	21646	a
Strontium	T-Sr	0.250	0.250	mg/L	0.005	21660	a
Strontium	T-Sr	0.249	0.250	mg/L	0.005	21669	a
Thallium	T-Tl	0.95	1.00	mg/L	0.2	21637	a
Thallium	T-Tl	1.00	1.00	mg/L	0.2	21646	a
Thallium	T-Tl	0.95	1.00	mg/L	0.2	21660	a
Thallium	T-Tl	1.00	1.00	mg/L	0.2	21669	a
Tin	T-Sn	0.418	0.500	mg/L	0.03	21637	a
Tin	T-Sn	0.382	0.500	mg/L	0.03	21646	a
Tin	T-Sn	0.418	0.500	mg/L	0.03	21660	a
Tin	T-Sn	0.382	0.500	mg/L	0.03	21669	a
Titanium	T-Ti	0.250	0.250	mg/L	0.01	21637	a
Titanium	T-Ti	0.251	0.250	mg/L	0.01	21646	a
Titanium	T-Ti	0.250	0.250	mg/L	0.01	21660	a
Titanium	T-Ti	0.251	0.250	mg/L	0.01	21669	a
Vanadium	T-V	0.503	0.500	mg/L	0.03	21637	a
Vanadium	T-V	0.500	0.500	mg/L	0.03	21646	a
Vanadium	T-V	0.503	0.500	mg/L	0.03	21660	a
Vanadium	T-V	0.500	0.500	mg/L	0.03	21669	a
Zinc	T-Zn	0.501	0.500	mg/L	0.005	21637	a
Zinc	T-Zn	0.502	0.500	mg/L	0.005	21646	a
Zinc	T-Zn	0.501	0.500	mg/L	0.005	21660	a
Zinc	T-Zn	0.502	0.500	mg/L	0.005	21669	a
ALSEV Metals in Water - Mid, 4GK116							
Total Metals							
Aluminum	T-Al	0.100	0.100	mg/L	0.001	21647	b
Aluminum	T-Al	0.103	0.100	mg/L	0.001	21648	b
Aluminum	T-Al	0.100	0.100	mg/L	0.001	21670	b
Aluminum	T-Al	0.103	0.100	mg/L	0.001	21671	b
Antimony	T-Sb	0.0492	0.0500	mg/L	0.0001	21647	b

Methods:
a = ICPOES
b = ICPMS

Appendix 1 - QUALITY CONTROL - Reference Materials

Water

		Result	Target	Units	DL	ALSQC#	Method
ALSEV Metals in Water - Mid, 4GK116							
Total Metals							
Antimony	T-Sb	0.0479	0.0500	mg/L	0.0001	21648	a
Antimony	T-Sb	0.0492	0.0500	mg/L	0.0001	21670	a
Antimony	T-Sb	0.0479	0.0500	mg/L	0.0001	21671	a
Arsenic	T-As	0.0509	0.0500	mg/L	0.0001	21647	a
Arsenic	T-As	0.0493	0.0500	mg/L	0.0001	21648	a
Arsenic	T-As	0.0509	0.0500	mg/L	0.0001	21670	a
Arsenic	T-As	0.0493	0.0500	mg/L	0.0001	21671	a
Barium	T-Ba	0.0128	0.0125	mg/L	0.00005	21647	a
Barium	T-Ba	0.0125	0.0125	mg/L	0.00005	21648	a
Barium	T-Ba	0.0128	0.0125	mg/L	0.00005	21670	a
Barium	T-Ba	0.0125	0.0125	mg/L	0.00005	21671	a
Beryllium	T-Be	0.00521	0.00500	mg/L	0.0005	21647	a
Beryllium	T-Be	0.00529	0.00500	mg/L	0.0005	21648	a
Beryllium	T-Be	0.00521	0.00500	mg/L	0.0005	21670	a
Beryllium	T-Be	0.00529	0.00500	mg/L	0.0005	21671	a
Bismuth	T-Bi	0.0507	0.0500	mg/L	0.0005	21647	a
Bismuth	T-Bi	0.0477	0.0500	mg/L	0.0005	21648	a
Bismuth	T-Bi	0.0507	0.0500	mg/L	0.0005	21670	a
Bismuth	T-Bi	0.0477	0.0500	mg/L	0.0005	21671	a
Boron	T-B	0.050	0.050	mg/L	0.01	21647	a
Boron	T-B	0.051	0.050	mg/L	0.01	21648	a
Boron	T-B	0.050	0.050	mg/L	0.01	21670	a
Boron	T-B	0.051	0.050	mg/L	0.01	21671	a
Cadmium	T-Cd	0.00508	0.00500	mg/L	0.00005	21647	a
Cadmium	T-Cd	0.00490	0.00500	mg/L	0.00005	21648	a
Cadmium	T-Cd	0.00508	0.00500	mg/L	0.00005	21670	a
Cadmium	T-Cd	0.00490	0.00500	mg/L	0.00005	21671	a
Calcium	T-Ca	2.54	2.50	mg/L	0.02	21647	a
Calcium	T-Ca	2.50	2.50	mg/L	0.02	21648	a
Calcium	T-Ca	2.54	2.50	mg/L	0.02	21670	a
Calcium	T-Ca	2.50	2.50	mg/L	0.02	21671	a
Chromium	T-Cr	0.0130	0.0125	mg/L	0.0005	21647	a
Chromium	T-Cr	0.0130	0.0125	mg/L	0.0005	21648	a

Methods:
a = ICPMS

Appendix 1 - QUALITY CONTROL - Reference Materials

Water

		Result	Target	Units	DL	ALSQC#	Method
ALSEV Metals in Water - Mid, 4GK116							
Total Metals							
Chromium	T-Cr	0.0130	0.0125	mg/L	0.0005	21670	a
Chromium	T-Cr	0.0130	0.0125	mg/L	0.0005	21671	a
Cobalt	T-Co	0.0129	0.0125	mg/L	0.0001	21647	a
Cobalt	T-Co	0.0125	0.0125	mg/L	0.0001	21648	a
Cobalt	T-Co	0.0129	0.0125	mg/L	0.0001	21670	a
Cobalt	T-Co	0.0125	0.0125	mg/L	0.0001	21671	a
Copper	T-Cu	0.0125	0.0125	mg/L	0.0001	21647	a
Copper	T-Cu	0.0125	0.0125	mg/L	0.0001	21648	a
Copper	T-Cu	0.0125	0.0125	mg/L	0.0001	21670	a
Copper	T-Cu	0.0125	0.0125	mg/L	0.0001	21671	a
Iron	T-Fe	0.05	0.05	mg/L	0.03	21647	a
Iron	T-Fe	0.05	0.05	mg/L	0.03	21648	a
Iron	T-Fe	0.05	0.05	mg/L	0.03	21670	a
Iron	T-Fe	0.05	0.05	mg/L	0.03	21671	a
Lead	T-Pb	0.0258	0.0250	mg/L	0.00005	21647	a
Lead	T-Pb	0.0246	0.0250	mg/L	0.00005	21648	a
Lead	T-Pb	0.0258	0.0250	mg/L	0.00005	21670	a
Lead	T-Pb	0.0246	0.0250	mg/L	0.00005	21671	a
Lithium	T-Li	0.0129	0.0125	mg/L	0.005	21647	a
Lithium	T-Li	0.0123	0.0125	mg/L	0.005	21648	a
Lithium	T-Li	0.0129	0.0125	mg/L	0.005	21670	a
Lithium	T-Li	0.0123	0.0125	mg/L	0.005	21671	a
Magnesium	T-Mg	2.38	2.50	mg/L	0.005	21647	a
Magnesium	T-Mg	2.45	2.50	mg/L	0.005	21648	a
Magnesium	T-Mg	2.38	2.50	mg/L	0.005	21670	a
Magnesium	T-Mg	2.45	2.50	mg/L	0.005	21671	a
Manganese	T-Mn	0.0129	0.0125	mg/L	0.00005	21647	a
Manganese	T-Mn	0.0125	0.0125	mg/L	0.00005	21648	a
Manganese	T-Mn	0.0129	0.0125	mg/L	0.00005	21670	a
Manganese	T-Mn	0.0125	0.0125	mg/L	0.00005	21671	a
Molybdenum	T-Mo	0.0129	0.0125	mg/L	0.00005	21647	a
Molybdenum	T-Mo	0.0125	0.0125	mg/L	0.00005	21648	a
Molybdenum	T-Mo	0.0129	0.0125	mg/L	0.00005	21670	a

Methods:
a = ICPMS

Appendix 1 - QUALITY CONTROL - Reference Materials

Water

		Result	Target	Units	DL	ALSQC#	Method
ALSEV Metals in Water - Mid, 4GK116							
Total Metals							
Molybdenum	T-Mo	0.0125	0.0125	mg/L	0.00005	21671	a
Nickel	T-Ni	0.0250	0.0250	mg/L	0.0005	21647	a
Nickel	T-Ni	0.0251	0.0250	mg/L	0.0005	21648	a
Nickel	T-Ni	0.0250	0.0250	mg/L	0.0005	21670	a
Nickel	T-Ni	0.0251	0.0250	mg/L	0.0005	21671	a
Potassium	T-K	2.64	2.50	mg/L	0.05	21647	a
Potassium	T-K	2.56	2.50	mg/L	0.05	21648	a
Potassium	T-K	2.64	2.50	mg/L	0.05	21670	a
Potassium	T-K	2.56	2.50	mg/L	0.05	21671	a
Selenium	T-Se	0.0525	0.0500	mg/L	0.0005	21647	a
Selenium	T-Se	0.0501	0.0500	mg/L	0.0005	21648	a
Selenium	T-Se	0.0525	0.0500	mg/L	0.0005	21670	a
Selenium	T-Se	0.0501	0.0500	mg/L	0.0005	21671	a
Silver	T-Ag	0.00518	0.00500	mg/L	0.00001	21647	a
Silver	T-Ag	0.00500	0.00500	mg/L	0.00001	21648	a
Silver	T-Ag	0.00518	0.00500	mg/L	0.00001	21670	a
Silver	T-Ag	0.00500	0.00500	mg/L	0.00001	21671	a
Sodium	T-Na	2.60	2.50	mg/L	0.01	21647	a
Sodium	T-Na	2.66	2.50	mg/L	0.01	21648	a
Sodium	T-Na	2.60	2.50	mg/L	0.01	21670	a
Sodium	T-Na	2.66	2.50	mg/L	0.01	21671	a
Strontium	T-Sr	0.0133	0.0125	mg/L	0.0001	21647	a
Strontium	T-Sr	0.0127	0.0125	mg/L	0.0001	21648	a
Strontium	T-Sr	0.0133	0.0125	mg/L	0.0001	21670	a
Strontium	T-Sr	0.0127	0.0125	mg/L	0.0001	21671	a
Thallium	T-Tl	0.0511	0.0500	mg/L	0.0001	21647	a
Thallium	T-Tl	0.0484	0.0500	mg/L	0.0001	21648	a
Thallium	T-Tl	0.0511	0.0500	mg/L	0.0001	21670	a
Thallium	T-Tl	0.0484	0.0500	mg/L	0.0001	21671	a
Tin	T-Sn	0.0237	0.0250	mg/L	0.0001	21647	a
Tin	T-Sn	0.0233	0.0250	mg/L	0.0001	21648	a
Tin	T-Sn	0.0237	0.0250	mg/L	0.0001	21670	a
Tin	T-Sn	0.0233	0.0250	mg/L	0.0001	21671	a

Methods:
a = ICPMS

Appendix 1 - QUALITY CONTROL - Reference Materials

Water

			Result	Target	Units	DL	ALSQC#	Method
ALSEV Metals in Water - Mid, 4GK116								
Total Metals								
Uranium	T-U		0.000257	0.000250	mg/L	0.00001	21647	a
Uranium	T-U		0.000257	0.000250	mg/L	0.00001	21648	a
Uranium	T-U		0.000257	0.000250	mg/L	0.00001	21670	a
Uranium	T-U		0.000257	0.000250	mg/L	0.00001	21671	a
Vanadium	T-V		0.0254	0.0250	mg/L	0.001	21647	a
Vanadium	T-V		0.0248	0.0250	mg/L	0.001	21648	a
Vanadium	T-V		0.0254	0.0250	mg/L	0.001	21670	a
Vanadium	T-V		0.0248	0.0250	mg/L	0.001	21671	a
Zinc	T-Zn		0.0265	0.0250	mg/L	0.001	21647	a
Zinc	T-Zn		0.0257	0.0250	mg/L	0.001	21648	a
Zinc	T-Zn		0.0265	0.0250	mg/L	0.001	21670	a
Zinc	T-Zn		0.0257	0.0250	mg/L	0.001	21671	a
SPEX Anions (10xD), 27-108AS								
Dissolved Anions								
Chloride	Cl		4.68	4.99	mg/L	0.5	21587	b
Sulphate	SO4		15.4	15.0	mg/L	1	21587	b
Nutrients								
Nitrate Nitrogen		N	2.53	2.49	mg/L	0.005	21587	b
Nitrite Nitrogen		N	2.46	2.50	mg/L	0.005	21587	b
SPEX Nutrients, 10-53, 10-54N								
Nutrients								
Total Kjeldahl Nitrogen		N	11.2	10.2	mg/L	0.05	21630	c
Total Kjeldahl Nitrogen		N	11.0	10.2	mg/L	0.05	21634	c
Total Kjeldahl Nitrogen		N	11.2	10.2	mg/L	0.05	21653	c
Total Kjeldahl Nitrogen		N	11.0	10.2	mg/L	0.05	21657	c
ERA WasteWatR pH, P114977								
Physical Tests								
pH			5.48	5.40	pH	0.01	21259	d

Methods:
a = ICPMS
b = WA_Anions_IC
c = Electrode
d = WA_pH_PCT-Meter

File No. R3016(1)

Appendix 1 - QUALITY CONTROL - Reference Materials

Water

		Result	Target	Units	DL	ALSQC#	Method
ERA WasteWatR Minerals, P118506							
Physical Tests							
Conductivity (uS/cm)		436	436	uS/cm	2	21260	a
ERA Hardness, P114507							
Physical Tests							
Total Suspended Solids		36.0	37.9	mg/L	4	21137	b
SPEX Nutrients, 11-57N Nut 1							
Nutrients							
Ammonia Nitrogen	N	17.9	17.9	mg/L	0.005	21257	c
Dissolved ortho-Phosphate	P	1.59	1.72	mg/L	0.001	20988	d
SPEX Nutrients, 11-58N Nut 2							
Nutrients							
Total Phosphate	P	1.60	1.77	mg/L	0.002	21206	d

Methods:
a = WA_Cond_PCT-Meter
b = WA_TS_Grav
c = WA_Ammonia_Color
d = WA_Phosphate_Color

File No. R3016(1)

Appendix 1 - QUALITY CONTROL - Spikes

Water

		Result	Target	Units	DL	ALSQC#	Method
Physical Tests							
Total Suspended Solids		70.0	75.0	mg/L	4	21139	a
Turbidity (NTU)		41.9	40.0	NTU	0.1	21011	b
Organic Parameters							
Total Organic Carbon	C	9.06	8.57	mg/L	0.5	21636	c
Total Organic Carbon	C	9.23	8.57	mg/L	0.5	21645	c
Total Organic Carbon	C	9.06	8.57	mg/L	0.5	21659	c
Total Organic Carbon	C	9.23	8.57	mg/L	0.5	21668	c

Methods:
a = WA_TS_Grav
b = WA_Turbidity_Meter
c = IR

File No. R3016(1)

Appendix 1 - QUALITY CONTROL - Blanks

Water

		Result	Target	Units	DL	ALSQC#	Method
Physical Tests							
Conductivity (uS/cm)		<2.0	<2.0	uS/cm	2	21258	a
Total Suspended Solids		<4.0	<4.0	mg/L	4	21138	b
Turbidity (NTU)		<0.10	<0.10	NTU	0.1	21010	c
Dissolved Anions							
Chloride Cl		<0.50	<0.50	mg/L	0.5	21586	d
Sulphate SO4		<1.0	<1.0	mg/L	1	21586	d
Nutrients							
Ammonia Nitrogen	N	<0.0050	<0.0050	mg/L	0.005	21256	e
Total Kjeldahl Nitrogen	N	<0.05	<0.05	mg/L	0.05	21629	f
Total Kjeldahl Nitrogen	N	<0.05	<0.05	mg/L	0.05	21633	f
Total Kjeldahl Nitrogen	N	<0.05	<0.05	mg/L	0.05	21652	f
Total Kjeldahl Nitrogen	N	<0.05	<0.05	mg/L	0.05	21656	f
Nitrate Nitrogen	N	<0.0050	<0.0050	mg/L	0.005	21586	d
Nitrite Nitrogen	N	<0.0050	<0.0050	mg/L	0.005	21586	d
Dissolved ortho-Phosphate	P	<0.0010	<0.0010	mg/L	0.001	20987	g
Total Phosphate	P	<0.0020	<0.0020	mg/L	0.002	21205	g
Total Metals							
Aluminum T-Al		<0.0010	<0.0010	mg/L	0.001	21631	h
Aluminum T-Al		<0.0010	<0.0010	mg/L	0.001	21632	h
Aluminum T-Al		<0.20	<0.20	mg/L	0.2	21642	i
Aluminum T-Al		<0.20	<0.20	mg/L	0.2	21643	i
Aluminum T-Al		<0.0010	<0.0010	mg/L	0.001	21654	h
Aluminum T-Al		<0.0010	<0.0010	mg/L	0.001	21655	h
Aluminum T-Al		<0.20	<0.20	mg/L	0.2	21665	i
Aluminum T-Al		<0.20	<0.20	mg/L	0.2	21666	i
Antimony T-Sb		<0.00010	<0.00010	mg/L	0.0001	21631	h
Antimony T-Sb		<0.00010	<0.00010	mg/L	0.0001	21632	h
Antimony T-Sb		<0.20	<0.20	mg/L	0.2	21642	i
Antimony T-Sb		<0.20	<0.20	mg/L	0.2	21643	i
Antimony T-Sb		<0.00010	<0.00010	mg/L	0.0001	21654	h
Antimony T-Sb		<0.00010	<0.00010	mg/L	0.0001	21655	h
Antimony T-Sb		<0.20	<0.20	mg/L	0.2	21665	i
Antimony T-Sb		<0.20	<0.20	mg/L	0.2	21666	i
Arsenic T-As		<0.00010	<0.00010	mg/L	0.0001	21631	h

Methods:
a = WA_Cond_PCT-Meter
b = WA_TS_Grav
c = WA_Turbidity_Meter
d = WA_Anions_IC
e = WA_Ammonia_Color
f = Electrode
g = WA_Phosphate_Color
h = ICPMS
i = ICPOES

Appendix 1 - QUALITY CONTROL - Blanks

Water

		Result	Target	Units	DL	ALSQC#	Method
Total Metals							
Arsenic	T-As	<0.00010	<0.00010	mg/L	0.0001	21632	a
Arsenic	T-As	<0.20	<0.20	mg/L	0.2	21642	b
Arsenic	T-As	<0.20	<0.20	mg/L	0.2	21643	b
Arsenic	T-As	<0.00010	<0.00010	mg/L	0.0001	21654	a
Arsenic	T-As	<0.00010	<0.00010	mg/L	0.0001	21655	a
Arsenic	T-As	<0.20	<0.20	mg/L	0.2	21665	b
Arsenic	T-As	<0.20	<0.20	mg/L	0.2	21666	b
Barium	T-Ba	<0.000050	<0.000050	mg/L	0.00005	21631	a
Barium	T-Ba	<0.000050	<0.000050	mg/L	0.00005	21632	a
Barium	T-Ba	<0.010	<0.010	mg/L	0.01	21642	b
Barium	T-Ba	<0.010	<0.010	mg/L	0.01	21643	b
Barium	T-Ba	<0.000050	<0.000050	mg/L	0.00005	21654	a
Barium	T-Ba	<0.000050	<0.000050	mg/L	0.00005	21655	a
Barium	T-Ba	<0.010	<0.010	mg/L	0.01	21665	b
Barium	T-Ba	<0.010	<0.010	mg/L	0.01	21666	b
Beryllium	T-Be	<0.00050	<0.00050	mg/L	0.0005	21631	a
Beryllium	T-Be	<0.00050	<0.00050	mg/L	0.0005	21632	a
Beryllium	T-Be	<0.0050	<0.0050	mg/L	0.005	21642	b
Beryllium	T-Be	<0.0050	<0.0050	mg/L	0.005	21643	b
Beryllium	T-Be	<0.00050	<0.00050	mg/L	0.0005	21654	a
Beryllium	T-Be	<0.00050	<0.00050	mg/L	0.0005	21655	a
Beryllium	T-Be	<0.0050	<0.0050	mg/L	0.005	21665	b
Beryllium	T-Be	<0.0050	<0.0050	mg/L	0.005	21666	b
Bismuth	T-Bi	<0.00050	<0.00050	mg/L	0.0005	21631	a
Bismuth	T-Bi	<0.00050	<0.00050	mg/L	0.0005	21632	a
Bismuth	T-Bi	<0.10	<0.10	mg/L	0.1	21642	b
Bismuth	T-Bi	<0.10	<0.10	mg/L	0.1	21643	b
Bismuth	T-Bi	<0.00050	<0.00050	mg/L	0.0005	21654	a
Bismuth	T-Bi	<0.00050	<0.00050	mg/L	0.0005	21655	a
Bismuth	T-Bi	<0.10	<0.10	mg/L	0.1	21665	b
Bismuth	T-Bi	<0.10	<0.10	mg/L	0.1	21666	b
Boron	T-B	<0.010	<0.010	mg/L	0.01	21631	a
Boron	T-B	<0.010	<0.010	mg/L	0.01	21632	a
Boron	T-B	<0.10	<0.10	mg/L	0.1	21642	b
Boron	T-B	<0.10	<0.10	mg/L	0.1	21643	b

Methods:
a = ICPMS
b = ICPOES

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Appendix 1 - QUALITY CONTROL - Blanks

Water

		Result	Target	Units	DL	ALSQC#	Method
Total Metals							
Boron	T-B	<0.010	<0.010	mg/L	0.01	21654	a
Boron	T-B	<0.010	<0.010	mg/L	0.01	21655	a
Boron	T-B	<0.10	<0.10	mg/L	0.1	21665	b
Boron	T-B	<0.10	<0.10	mg/L	0.1	21666	b
Cadmium	T-Cd	<0.000050	<0.000050	mg/L	0.00005	21631	a
Cadmium	T-Cd	<0.000050	<0.000050	mg/L	0.00005	21632	a
Cadmium	T-Cd	<0.010	<0.010	mg/L	0.01	21642	b
Cadmium	T-Cd	<0.010	<0.010	mg/L	0.01	21643	b
Cadmium	T-Cd	<0.000050	<0.000050	mg/L	0.00005	21654	a
Cadmium	T-Cd	<0.000050	<0.000050	mg/L	0.00005	21655	a
Cadmium	T-Cd	<0.010	<0.010	mg/L	0.01	21665	b
Cadmium	T-Cd	<0.010	<0.010	mg/L	0.01	21666	b
Calcium	T-Ca	<0.020	<0.020	mg/L	0.02	21631	a
Calcium	T-Ca	<0.020	<0.020	mg/L	0.02	21632	a
Calcium	T-Ca	<0.050	<0.050	mg/L	0.05	21642	b
Calcium	T-Ca	<0.050	<0.050	mg/L	0.05	21643	b
Calcium	T-Ca	<0.020	<0.020	mg/L	0.02	21654	a
Calcium	T-Ca	<0.020	<0.020	mg/L	0.02	21655	a
Calcium	T-Ca	<0.050	<0.050	mg/L	0.05	21665	b
Calcium	T-Ca	<0.050	<0.050	mg/L	0.05	21666	b
Chromium	T-Cr	<0.00050	<0.00050	mg/L	0.0005	21631	a
Chromium	T-Cr	<0.00050	<0.00050	mg/L	0.0005	21632	a
Chromium	T-Cr	<0.010	<0.010	mg/L	0.01	21642	b
Chromium	T-Cr	<0.010	<0.010	mg/L	0.01	21643	b
Chromium	T-Cr	<0.00050	<0.00050	mg/L	0.0005	21654	a
Chromium	T-Cr	<0.00050	<0.00050	mg/L	0.0005	21655	a
Chromium	T-Cr	<0.010	<0.010	mg/L	0.01	21665	b
Chromium	T-Cr	<0.010	<0.010	mg/L	0.01	21666	b
Cobalt	T-Co	<0.00010	<0.00010	mg/L	0.0001	21631	a
Cobalt	T-Co	<0.00010	<0.00010	mg/L	0.0001	21632	a
Cobalt	T-Co	<0.010	<0.010	mg/L	0.01	21642	b
Cobalt	T-Co	<0.010	<0.010	mg/L	0.01	21643	b
Cobalt	T-Co	<0.00010	<0.00010	mg/L	0.0001	21654	a
Cobalt	T-Co	<0.00010	<0.00010	mg/L	0.0001	21655	a
Cobalt	T-Co	<0.010	<0.010	mg/L	0.01	21665	b

Methods:
a = ICPMS
b = ICPOES

File No. R3016(1)

Appendix 1 - QUALITY CONTROL - Blanks

Water

		Result	Target	Units	DL	ALSQC#	Method
Total Metals							
Cobalt	T-Co	<0.010	<0.010	mg/L	0.01	21666	a
Copper	T-Cu	<0.00010	<0.00010	mg/L	0.0001	21631	b
Copper	T-Cu	<0.00010	<0.00010	mg/L	0.0001	21632	b
Copper	T-Cu	<0.010	<0.010	mg/L	0.01	21642	a
Copper	T-Cu	<0.010	<0.010	mg/L	0.01	21643	a
Copper	T-Cu	<0.00010	<0.00010	mg/L	0.0001	21654	b
Copper	T-Cu	<0.00010	<0.00010	mg/L	0.0001	21655	b
Copper	T-Cu	<0.010	<0.010	mg/L	0.01	21665	a
Copper	T-Cu	<0.010	<0.010	mg/L	0.01	21666	a
Iron	T-Fe	<0.030	<0.030	mg/L	0.03	21642	a
Iron	T-Fe	<0.030	<0.030	mg/L	0.03	21643	a
Iron	T-Fe	<0.030	<0.030	mg/L	0.03	21665	a
Iron	T-Fe	<0.030	<0.030	mg/L	0.03	21666	a
Lead	T-Pb	<0.000050	<0.000050	mg/L	0.00005	21631	b
Lead	T-Pb	<0.000050	<0.000050	mg/L	0.00005	21632	b
Lead	T-Pb	<0.050	<0.050	mg/L	0.05	21642	a
Lead	T-Pb	<0.050	<0.050	mg/L	0.05	21643	a
Lead	T-Pb	<0.000050	<0.000050	mg/L	0.00005	21654	b
Lead	T-Pb	<0.000050	<0.000050	mg/L	0.00005	21655	b
Lead	T-Pb	<0.050	<0.050	mg/L	0.05	21665	a
Lead	T-Pb	<0.050	<0.050	mg/L	0.05	21666	a
Lithium	T-Li	<0.0050	<0.0050	mg/L	0.005	21631	b
Lithium	T-Li	<0.0050	<0.0050	mg/L	0.005	21632	b
Lithium	T-Li	<0.010	<0.010	mg/L	0.01	21642	a
Lithium	T-Li	<0.010	<0.010	mg/L	0.01	21643	a
Lithium	T-Li	<0.0050	<0.0050	mg/L	0.005	21654	b
Lithium	T-Li	<0.0050	<0.0050	mg/L	0.005	21655	b
Lithium	T-Li	<0.010	<0.010	mg/L	0.01	21665	a
Lithium	T-Li	<0.010	<0.010	mg/L	0.01	21666	a
Magnesium	T-Mg	<0.0050	<0.0050	mg/L	0.005	21631	b
Magnesium	T-Mg	<0.0050	<0.0050	mg/L	0.005	21632	b
Magnesium	T-Mg	<0.10	<0.10	mg/L	0.1	21642	a
Magnesium	T-Mg	<0.10	<0.10	mg/L	0.1	21643	a
Magnesium	T-Mg	<0.0050	<0.0050	mg/L	0.005	21654	b
Magnesium	T-Mg	<0.0050	<0.0050	mg/L	0.005	21655	b

Methods:
a = ICPOES
b = ICPMS

Appendix 1 - QUALITY CONTROL - Blanks

Water

		Result	Target	Units	DL	ALSQC#	Method
Total Metals							
Magnesium	T-Mg	<0.10	<0.10	mg/L	0.1	21665	a
Magnesium	T-Mg	<0.10	<0.10	mg/L	0.1	21666	a
Manganese	T-Mn	<0.000050	<0.000050	mg/L	0.00005	21631	b
Manganese	T-Mn	<0.000050	<0.000050	mg/L	0.00005	21632	b
Manganese	T-Mn	<0.0050	<0.0050	mg/L	0.005	21642	a
Manganese	T-Mn	<0.0050	<0.0050	mg/L	0.005	21643	a
Manganese	T-Mn	<0.000050	<0.000050	mg/L	0.00005	21654	b
Manganese	T-Mn	<0.000050	<0.000050	mg/L	0.00005	21655	b
Manganese	T-Mn	<0.0050	<0.0050	mg/L	0.005	21665	a
Manganese	T-Mn	<0.0050	<0.0050	mg/L	0.005	21666	a
Molybdenum	T-Mo	<0.000050	<0.000050	mg/L	0.00005	21631	b
Molybdenum	T-Mo	<0.000050	<0.000050	mg/L	0.00005	21632	b
Molybdenum	T-Mo	<0.030	<0.030	mg/L	0.03	21642	a
Molybdenum	T-Mo	<0.030	<0.030	mg/L	0.03	21643	a
Molybdenum	T-Mo	<0.000050	<0.000050	mg/L	0.00005	21654	b
Molybdenum	T-Mo	<0.000050	<0.000050	mg/L	0.00005	21655	b
Molybdenum	T-Mo	<0.030	<0.030	mg/L	0.03	21665	a
Molybdenum	T-Mo	<0.030	<0.030	mg/L	0.03	21666	a
Nickel	T-Ni	<0.00050	<0.00050	mg/L	0.0005	21631	b
Nickel	T-Ni	<0.00050	<0.00050	mg/L	0.0005	21632	b
Nickel	T-Ni	<0.050	<0.050	mg/L	0.05	21642	a
Nickel	T-Ni	<0.050	<0.050	mg/L	0.05	21643	a
Nickel	T-Ni	<0.00050	<0.00050	mg/L	0.0005	21654	b
Nickel	T-Ni	<0.00050	<0.00050	mg/L	0.0005	21655	b
Nickel	T-Ni	<0.050	<0.050	mg/L	0.05	21665	a
Nickel	T-Ni	<0.050	<0.050	mg/L	0.05	21666	a
Phosphorus	T-P	<0.30	<0.30	mg/L	0.3	21642	a
Phosphorus	T-P	<0.30	<0.30	mg/L	0.3	21643	a
Phosphorus	T-P	<0.30	<0.30	mg/L	0.3	21665	a
Phosphorus	T-P	<0.30	<0.30	mg/L	0.3	21666	a
Potassium	T-K	<0.050	<0.050	mg/L	0.05	21631	b
Potassium	T-K	<0.050	<0.050	mg/L	0.05	21632	b
Potassium	T-K	<2.0	<2.0	mg/L	2	21642	a
Potassium	T-K	<2.0	<2.0	mg/L	2	21643	a
Potassium	T-K	<0.050	<0.050	mg/L	0.05	21654	b

Methods:
a = ICPOES
b = ICPMS

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Appendix 1 - QUALITY CONTROL - Blanks

Water

		Result	Target	Units	DL	ALSQC#	Method
Total Metals							
Potassium	T-K	<0.050	<0.050	mg/L	0.05	21655	a
Potassium	T-K	<2.0	<2.0	mg/L	2	21665	b
Potassium	T-K	<2.0	<2.0	mg/L	2	21666	b
Selenium	T-Se	<0.00050	<0.00050	mg/L	0.0005	21631	a
Selenium	T-Se	<0.00050	<0.00050	mg/L	0.0005	21632	a
Selenium	T-Se	<0.20	<0.20	mg/L	0.2	21642	b
Selenium	T-Se	<0.20	<0.20	mg/L	0.2	21643	b
Selenium	T-Se	<0.00050	<0.00050	mg/L	0.0005	21654	a
Selenium	T-Se	<0.00050	<0.00050	mg/L	0.0005	21655	a
Selenium	T-Se	<0.20	<0.20	mg/L	0.2	21665	b
Selenium	T-Se	<0.20	<0.20	mg/L	0.2	21666	b
Silicon	T-Si	<0.050	<0.050	mg/L	0.05	21642	b
Silicon	T-Si	<0.050	<0.050	mg/L	0.05	21643	b
Silicon	T-Si	<0.050	<0.050	mg/L	0.05	21665	b
Silicon	T-Si	<0.050	<0.050	mg/L	0.05	21666	b
Silver	T-Ag	<0.000010	<0.000010	mg/L	0.00001	21631	a
Silver	T-Ag	<0.000010	<0.000010	mg/L	0.00001	21632	a
Silver	T-Ag	<0.010	<0.010	mg/L	0.01	21642	b
Silver	T-Ag	<0.010	<0.010	mg/L	0.01	21643	b
Silver	T-Ag	<0.000010	<0.000010	mg/L	0.00001	21654	a
Silver	T-Ag	<0.000010	<0.000010	mg/L	0.00001	21655	a
Silver	T-Ag	<0.010	<0.010	mg/L	0.01	21665	b
Silver	T-Ag	<0.010	<0.010	mg/L	0.01	21666	b
Sodium	T-Na	<0.010	<0.010	mg/L	0.01	21631	a
Sodium	T-Na	<0.010	<0.010	mg/L	0.01	21632	a
Sodium	T-Na	<2.0	<2.0	mg/L	2	21642	b
Sodium	T-Na	<2.0	<2.0	mg/L	2	21643	b
Sodium	T-Na	<0.010	<0.010	mg/L	0.01	21654	a
Sodium	T-Na	<0.010	<0.010	mg/L	0.01	21655	a
Sodium	T-Na	<2.0	<2.0	mg/L	2	21665	b
Sodium	T-Na	<2.0	<2.0	mg/L	2	21666	b
Strontium	T-Sr	<0.00010	<0.00010	mg/L	0.0001	21631	a
Strontium	T-Sr	<0.00010	<0.00010	mg/L	0.0001	21632	a
Strontium	T-Sr	<0.0050	<0.0050	mg/L	0.005	21642	b
Strontium	T-Sr	<0.0050	<0.0050	mg/L	0.005	21643	b

Methods:
a = ICPMS
b = ICPOES

File No. R3016(1)

Appendix 1 - QUALITY CONTROL - Blanks

Water

		Result	Target	Units	DL	ALSQC#	Method
Total Metals							
Strontium	T-Sr	<0.00010	<0.00010	mg/L	0.0001	21654	a
Strontium	T-Sr	<0.00010	<0.00010	mg/L	0.0001	21655	a
Strontium	T-Sr	<0.0050	<0.0050	mg/L	0.005	21665	b
Strontium	T-Sr	<0.0050	<0.0050	mg/L	0.005	21666	b
Thallium	T-Tl	<0.00010	<0.00010	mg/L	0.0001	21631	a
Thallium	T-Tl	<0.00010	<0.00010	mg/L	0.0001	21632	a
Thallium	T-Tl	<0.20	<0.20	mg/L	0.2	21642	b
Thallium	T-Tl	<0.20	<0.20	mg/L	0.2	21643	b
Thallium	T-Tl	<0.00010	<0.00010	mg/L	0.0001	21654	a
Thallium	T-Tl	<0.00010	<0.00010	mg/L	0.0001	21655	a
Thallium	T-Tl	<0.20	<0.20	mg/L	0.2	21665	b
Thallium	T-Tl	<0.20	<0.20	mg/L	0.2	21666	b
Tin	T-Sn	<0.00010	<0.00010	mg/L	0.0001	21631	a
Tin	T-Sn	<0.00010	<0.00010	mg/L	0.0001	21632	a
Tin	T-Sn	<0.030	<0.030	mg/L	0.03	21642	b
Tin	T-Sn	<0.030	<0.030	mg/L	0.03	21643	b
Tin	T-Sn	<0.00010	<0.00010	mg/L	0.0001	21654	a
Tin	T-Sn	<0.00010	<0.00010	mg/L	0.0001	21655	a
Tin	T-Sn	<0.030	<0.030	mg/L	0.03	21665	b
Tin	T-Sn	<0.030	<0.030	mg/L	0.03	21666	b
Titanium	T-Ti	<0.010	<0.010	mg/L	0.01	21642	b
Titanium	T-Ti	<0.010	<0.010	mg/L	0.01	21643	b
Titanium	T-Ti	<0.010	<0.010	mg/L	0.01	21665	b
Titanium	T-Ti	<0.010	<0.010	mg/L	0.01	21666	b
Uranium	T-U	<0.000010	<0.000010	mg/L	0.00001	21631	a
Uranium	T-U	<0.000010	<0.000010	mg/L	0.00001	21632	a
Uranium	T-U	<0.000010	<0.000010	mg/L	0.00001	21654	a
Uranium	T-U	<0.000010	<0.000010	mg/L	0.00001	21655	a
Vanadium	T-V	<0.0010	<0.0010	mg/L	0.001	21631	a
Vanadium	T-V	<0.0010	<0.0010	mg/L	0.001	21632	a
Vanadium	T-V	<0.030	<0.030	mg/L	0.03	21642	b
Vanadium	T-V	<0.030	<0.030	mg/L	0.03	21643	b
Vanadium	T-V	<0.0010	<0.0010	mg/L	0.001	21654	a
Vanadium	T-V	<0.0010	<0.0010	mg/L	0.001	21655	a
Vanadium	T-V	<0.030	<0.030	mg/L	0.03	21665	b

Methods:
a = ICPMS
b = ICPOES