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To: ANGLOGOLD ASHANTI MINNESOTA INC.
6300 S. SYRACUSE WAY #500
CENTENNIAL CO 80111
USA

Page: 1
Total # Pages: 2 (A - E)
Plus Appendix Pages
Finalized Date: 26-AUG-2016
Account: AAMICLSR

CERTIFICATE TB16131758

This report is for 27 Rock samples submitted to our lab in Thunder Bay, ON, Canada on 11-AUG-2016.

The following have access to data associated with this certificate:

PHIL LARSON

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP22	Au 50g FA ICP-AES finish	ICP-AES
ME-ICP06	Whole Rock Package - ICP-AES	ICP-AES
C-IR07	Total Carbon (Leco)	LECO
S-IR08	Total Sulphur (Leco)	LECO
ME-MS81	Lithium Borate Fusion ICP-MS	ICP-MS
ME-MS42	Up to 34 elements by ICP-MS	ICP-MS
OA-GRA05	Loss on Ignition at 1000C	WST-SEQ
TOT-ICP06	Total Calculation for ICP06	ICP-AES
ME-4ACD81	Base Metals by 4-acid dig.	ICP-AES

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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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CERTIFICATE OF ANALYSIS TB16131758

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-ICP22 Au ppm	ME-ICP06 SiO2 %	ME-ICP06 Al2O3 %	ME-ICP06 Fe2O3 %	ME-ICP06 CaO %	ME-ICP06 MgO %	ME-ICP06 Na2O %	ME-ICP06 K2O %	ME-ICP06 Cr2O3 %	ME-ICP06 TiO2 %	ME-ICP06 MnO %	ME-ICP06 P2O5 %	ME-ICP06 SrO %	ME-ICP06 BaO %
AGAR283		0.70	0.001	61.1	15.00	5.90	5.71	4.36	4.50	0.93	0.04	0.43	0.08	0.25	0.09	0.30
AGAR288		1.10	0.001	95.0	0.18	3.94	0.15	0.14	0.02	0.03	<0.01	0.01	0.09	<0.01	<0.01	<0.01
AGAR289		2.43	<0.001	96.9	0.55	1.13	0.50	0.31	0.04	0.04	<0.01	0.02	0.02	0.02	<0.01	<0.01
AGAR290		1.60	0.003	89.9	0.38	7.38	0.01	0.06	0.01	0.01	0.01	0.02	0.01	<0.01	<0.01	<0.01
AGAR291		2.15	<0.001	68.8	17.20	2.33	1.12	1.59	7.07	0.90	0.01	0.24	0.04	0.13	0.06	0.08
AGAR292		0.98	<0.001	66.7	16.20	2.17	3.33	1.55	5.51	1.12	0.01	0.21	0.03	0.11	0.07	0.06
AGAR293		0.41	0.001	53.2	17.80	11.35	3.14	3.82	2.55	1.88	0.04	0.91	0.25	0.07	0.01	0.02
AGAR294		0.14	<0.001	73.0	14.60	2.33	1.22	1.14	4.55	1.61	<0.01	0.31	0.03	0.06	0.04	0.05
AGAR295		0.09	0.001	47.8	12.10	14.85	14.10	3.80	1.89	0.21	<0.01	1.26	0.24	0.12	0.02	<0.01
AGAR296		0.72	<0.001	60.4	13.85	6.23	5.39	5.62	4.02	1.58	0.04	0.56	0.10	0.22	0.08	0.10
AGAR297		0.81	0.002	46.0	18.55	6.65	6.02	3.62	3.02	2.56	0.02	0.55	0.18	0.09	0.02	0.08
AGAR298		0.09	0.001	69.8	16.35	1.70	1.56	0.86	5.52	2.49	<0.01	0.17	0.02	0.08	0.05	0.09
AGAR299		0.42	0.001	82.4	0.18	14.70	0.17	0.33	0.02	0.01	<0.01	0.01	0.40	0.05	<0.01	<0.01
AGAR3502		0.40	0.002	51.2	12.45	12.05	4.45	4.97	3.65	0.42	<0.01	0.82	0.17	0.06	0.02	0.02
AGAR3503		0.48	0.001	96.8	0.52	3.02	0.02	0.03	0.01	<0.01	<0.01	0.01	0.01	<0.01	<0.01	<0.01
AGAR3504		0.08	0.013	74.1	0.61	17.20	0.03	0.02	0.14	0.16	<0.01	0.02	0.01	<0.01	<0.01	<0.01
AGAR3505		0.55	0.002	60.9	14.90	5.27	3.39	2.41	3.07	2.66	0.02	0.50	0.09	0.13	0.05	0.08
AGAR3506		0.46	0.004	46.5	11.65	11.10	5.96	7.34	2.12	1.09	0.05	0.75	0.18	0.06	0.01	0.02
AGAR3507		2.57	0.001	48.1	15.05	9.49	12.50	8.02	2.77	0.06	0.01	0.50	0.17	0.04	<0.01	<0.01
AGAR3509		1.74	0.001	74.2	0.33	22.2	0.13	0.90	0.02	0.01	<0.01	0.02	1.12	<0.01	<0.01	<0.01
AGAR500		0.28	<0.001	96.6	1.22	1.13	0.71	0.21	0.32	0.08	<0.01	0.03	0.02	0.25	<0.01	<0.01
AGAR504		0.46	<0.001	99.8	0.03	0.42	<0.01	<0.01	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01
AGAR508		0.38	<0.001	79.0	11.15	1.27	0.95	0.05	3.81	2.68	<0.01	0.02	0.01	<0.01	0.01	0.02
AGAR510		1.64	0.005	42.9	10.70	25.1	8.82	5.77	0.77	0.96	<0.01	1.03	0.64	0.12	0.01	0.02
AGAR512		0.41	0.005	73.9	5.99	9.16	4.04	2.62	1.04	0.11	0.01	0.77	0.18	0.06	<0.01	<0.01
AGAR519		0.20	<0.001	56.5	18.40	6.35	10.20	1.16	3.78	0.12	<0.01	0.34	0.11	0.20	0.09	<0.01
AGAR527		0.84	0.002	53.8	20.4	6.47	8.63	3.61	4.03	1.13	<0.01	0.28	0.12	0.13	0.07	0.06



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CERTIFICATE OF ANALYSIS TB16131758

Sample Description	Method Analyte Units LOR	OA-GRA05	TOT-ICP06	C-IR07	S-IR08	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
		LOI	Total	C	S	Ba	Ce	Cr	Cs	Dy	Er	Eu	Ga	Gd	Ge	Hf
		%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.01	0.01	0.01	0.5	0.5	10	0.01	0.05	0.03	0.03	0.1	0.05	5	0.2
AGAR283		1.19	99.88	0.12	0.07	2700	31.5	250	2.33	1.58	0.75	0.85	15.0	2.44	<5	1.5
AGAR288		1.09	100.65	0.29	0.20	12.2	3.1	20	0.07	0.44	0.18	0.15	0.7	0.43	<5	<0.2
AGAR289		0.55	100.08	0.12	<0.01	13.6	<0.5	20	<0.01	0.08	0.04	0.03	0.9	0.10	<5	<0.2
AGAR290		3.54	101.33	0.02	4.79	6.2	<0.5	50	<0.01	0.07	0.08	0.04	1.0	0.12	<5	<0.2
AGAR291		1.52	101.09	0.12	0.10	702	31.4	40	1.10	0.86	0.29	0.63	19.4	1.67	<5	2.2
AGAR292		1.36	98.43	0.10	0.03	554	27.2	40	0.96	0.67	0.34	0.54	17.0	1.24	<5	2.2
AGAR293		4.56	99.60	0.27	0.02	151.5	13.9	320	6.04	3.49	2.36	0.73	18.7	3.30	<5	1.7
AGAR294		1.39	100.33	0.05	0.06	435	18.6	20	1.23	0.73	0.43	0.53	18.0	1.44	<5	2.4
AGAR295		1.94	98.33	0.08	1.56	34.0	14.2	20	0.45	4.97	2.86	1.42	23.2	4.14	<5	2.5
AGAR296		1.42	99.61	0.01	0.14	919	61.8	270	0.91	2.63	1.17	1.43	18.8	4.31	<5	3.6
AGAR297		11.20	98.56	2.28	0.03	695	21.5	150	1.12	2.23	1.25	0.81	25.4	2.57	<5	2.1
AGAR298		1.76	100.45	0.23	0.08	836	8.9	10	1.09	0.29	0.12	0.28	17.1	0.57	<5	2.2
AGAR299		3.06	101.33	0.32	1.94	22.2	6.1	10	0.15	0.74	0.59	0.49	0.6	0.91	<5	<0.2
AGAR3502		8.38	98.66	1.63	0.07	138.0	12.2	20	0.41	3.22	1.79	0.73	16.0	2.90	<5	1.9
AGAR3503		1.19	101.61	0.19	0.40	24.5	1.4	10	0.09	0.24	0.20	0.08	0.7	0.27	<5	<0.2
AGAR3504		7.77	100.06	0.10	9.66	33.3	3.7	30	0.22	0.17	0.08	0.09	0.9	0.18	<5	0.3
AGAR3505		6.29	99.76	1.31	0.15	753	50.3	150	3.66	2.72	1.42	1.03	18.5	3.12	<5	3.6
AGAR3506		11.35	98.18	2.46	0.48	157.5	11.5	320	1.30	3.24	1.99	0.59	15.6	2.78	<5	1.9
AGAR3507		4.36	101.07	0.07	0.27	44.5	8.8	60	0.22	2.04	1.15	0.53	15.3	1.70	<5	0.9
AGAR3509		0.45	99.38	0.03	1.34	8.6	7.3	20	0.19	1.12	0.88	0.46	1.3	0.90	<5	<0.2
AGAR500		0.35	100.92	0.03	0.07	18.8	0.9	30	0.54	0.13	0.07	0.08	2.1	0.11	<5	<0.2
AGAR504		0.08	100.34	0.02	<0.01	1.5	<0.5	40	0.07	<0.05	<0.03	<0.03	0.2	<0.05	<5	<0.2
AGAR508		0.55	99.52	0.02	0.30	154.0	16.8	10	0.58	0.30	0.13	0.37	16.8	0.60	<5	7.3
AGAR510		1.56	98.40	0.01	1.30	208	22.7	10	0.53	7.66	5.26	1.23	17.0	6.74	<5	3.8
AGAR512		0.92	98.80	0.06	0.03	29.5	13.1	50	0.21	4.00	3.12	0.77	9.2	3.13	<5	1.4
AGAR519		1.35	98.60	0.02	<0.01	30.8	57.8	10	0.22	2.39	1.59	1.15	19.2	3.11	<5	1.7
AGAR527		1.68	100.41	0.03	0.27	534	30.3	20	0.56	1.22	0.78	0.68	15.7	1.67	<5	0.9



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CERTIFICATE OF ANALYSIS TB16131758

Sample Description	Method Analyte Units LOR	ME-MS81 Ho ppm 0.01	ME-MS81 La ppm 0.5	ME-MS81 Lu ppm 0.01	ME-MS81 Nb ppm 0.2	ME-MS81 Nd ppm 0.1	ME-MS81 Pr ppm 0.03	ME-MS81 Rb ppm 0.2	ME-MS81 Sm ppm 0.03	ME-MS81 Sn ppm 1	ME-MS81 Sr ppm 0.1	ME-MS81 Ta ppm 0.1	ME-MS81 Tb ppm 0.01	ME-MS81 Th ppm 0.05	ME-MS81 Tm ppm 0.01	ME-MS81 U ppm 0.05
AGAR283		0.29	14.9	0.09	2.5	16.2	4.28	30.3	3.02	<1	803	<0.1	0.32	2.74	0.09	0.68
AGAR288		0.09	1.6	0.03	<0.2	1.6	0.46	0.9	0.51	<1	3.6	<0.1	0.07	0.07	0.02	<0.05
AGAR289		0.01	<0.5	<0.01	<0.2	<0.1	0.07	1.2	0.08	<1	4.2	<0.1	<0.01	0.07	0.01	<0.05
AGAR290		0.03	<0.5	0.01	<0.2	0.1	0.07	0.3	0.09	<1	1.5	<0.1	0.01	0.10	0.01	0.21
AGAR291		0.15	14.9	0.03	2.9	14.9	3.91	28.8	2.58	<1	527	0.1	0.15	2.37	0.04	0.68
AGAR292		0.12	13.2	0.04	2.8	12.4	3.23	29.3	2.12	<1	622	0.2	0.15	1.96	0.05	0.56
AGAR293		0.82	9.5	0.31	2.5	9.8	2.24	64.2	2.54	1	76.9	0.1	0.61	0.61	0.35	0.12
AGAR294		0.16	8.7	0.05	2.4	8.7	2.29	39.7	1.59	1	297	0.2	0.19	1.67	0.05	0.56
AGAR295		1.05	5.2	0.40	4.1	11.3	2.17	4.2	3.24	1	196.0	0.2	0.73	0.37	0.45	0.11
AGAR296		0.55	29.0	0.19	4.5	29.3	7.65	32.5	5.64	1	704	0.3	0.52	5.47	0.18	1.06
AGAR297		0.47	19.4	0.21	3.7	17.9	4.47	83.8	3.10	1	163.0	0.2	0.40	1.41	0.17	0.43
AGAR298		0.06	4.3	0.02	2.1	4.8	1.22	56.2	0.89	1	373	0.1	0.08	0.75	0.02	0.54
AGAR299		0.17	5.0	0.09	<0.2	5.0	1.23	0.6	0.74	<1	3.2	<0.1	0.11	0.08	0.09	0.14
AGAR3502		0.75	4.9	0.26	2.2	8.3	1.82	10.0	2.26	1	117.0	0.1	0.54	0.45	0.30	0.11
AGAR3503		0.05	1.1	0.03	<0.2	1.2	0.22	0.3	0.21	<1	2.3	<0.1	0.04	<0.05	0.03	0.12
AGAR3504		0.04	2.1	0.01	0.4	1.7	0.49	4.3	0.34	1	6.5	<0.1	0.04	0.44	0.02	0.20
AGAR3505		0.54	29.8	0.19	4.9	25.6	6.52	87.7	4.47	1	403	0.4	0.50	5.46	0.20	1.63
AGAR3506		0.70	5.2	0.27	2.4	7.9	1.58	29.3	2.29	<1	77.3	0.1	0.51	0.95	0.25	0.37
AGAR3507		0.40	4.1	0.15	1.3	5.4	1.18	1.1	1.64	1	42.5	0.1	0.29	0.54	0.15	0.12
AGAR3509		0.26	4.5	0.16	0.2	3.6	0.89	1.1	0.82	<1	1.6	<0.1	0.14	0.11	0.14	0.27
AGAR500		0.02	0.5	0.01	1.2	0.5	0.11	6.4	0.07	1	26.7	0.4	0.02	0.12	0.02	0.14
AGAR504		<0.01	<0.5	0.01	<0.2	<0.1	<0.03	<0.2	<0.03	<1	0.5	<0.1	<0.01	<0.05	<0.01	<0.05
AGAR508		0.06	9.2	0.06	0.7	5.9	1.75	53.6	0.59	<1	121.5	<0.1	0.08	8.77	0.03	11.55
AGAR510		1.76	9.0	0.82	5.4	17.2	3.35	48.4	4.92	1	130.0	0.3	1.11	1.42	0.78	0.43
AGAR512		0.99	5.5	0.57	2.2	8.8	1.75	6.4	2.31	<1	17.2	0.1	0.62	0.23	0.48	0.07
AGAR519		0.53	30.3	0.28	1.7	25.5	6.60	4.0	4.19	1	751	0.1	0.43	4.67	0.24	1.13
AGAR527		0.31	15.1	0.14	1.1	14.2	3.84	34.1	2.45	<1	664	<0.1	0.25	1.88	0.10	0.53



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Sample Description	Method Analyte Units LOR	ME-MS81 V ppm 5	ME-MS81 W ppm 1	ME-MS81 Y ppm 0.5	ME-MS81 Yb ppm 0.03	ME-MS81 Zr ppm 2	ME-MS42 As ppm 0.1	ME-MS42 Bi ppm 0.01	ME-MS42 Hg ppm 0.005	ME-MS42 In ppm 0.005	ME-MS42 Re ppm 0.001	ME-MS42 Sb ppm 0.05	ME-MS42 Se ppm 0.2	ME-MS42 Te ppm 0.01	ME-MS42 Tl ppm 0.02	ME-4ACD81 Ag ppm 0.5
AGAR283		85	1	8.5	0.81	76	1.9	0.02	0.006	0.007	<0.001	0.17	0.4	0.04	0.14	<0.5
AGAR288		<5	<1	2.6	0.23	<2	0.5	0.05	<0.005	0.011	<0.001	0.07	0.2	0.05	<0.02	<0.5
AGAR289		8	<1	<0.5	0.06	<2	2.0	<0.01	<0.005	<0.005	<0.001	0.05	<0.2	<0.01	<0.02	<0.5
AGAR290		6	<1	<0.5	0.09	4	2.1	0.24	0.011	0.011	0.002	0.11	1.7	0.19	0.02	<0.5
AGAR291		28	<1	4.2	0.39	99	0.5	0.15	<0.005	0.005	<0.001	0.05	<0.2	0.01	0.02	<0.5
AGAR292		27	<1	3.1	0.38	81	0.4	0.01	<0.005	<0.005	<0.001	0.06	<0.2	<0.01	0.02	<0.5
AGAR293		296	1	19.0	2.17	54	22.9	0.02	<0.005	0.032	<0.001	0.08	0.3	0.01	0.50	<0.5
AGAR294		40	1	4.2	0.41	91	6.6	0.14	<0.005	0.009	<0.001	0.22	<0.2	0.01	0.03	<0.5
AGAR295		389	2	24.6	2.82	80	0.5	0.09	<0.005	0.008	0.001	0.12	1.3	0.04	0.08	<0.5
AGAR296		138	<1	13.2	1.40	142	0.7	0.04	<0.005	0.009	<0.001	0.05	<0.2	0.01	0.05	<0.5
AGAR297		170	3	12.1	1.32	82	0.4	0.02	<0.005	0.016	<0.001	<0.05	<0.2	0.02	0.04	<0.5
AGAR298		23	2	1.6	0.12	65	1.7	0.05	<0.005	<0.005	0.002	0.08	<0.2	0.01	0.02	<0.5
AGAR299		10	<1	5.1	0.53	2	1.6	0.17	<0.005	0.007	0.003	0.07	5.8	0.17	0.38	<0.5
AGAR3502		256	1	16.8	2.10	64	49.9	<0.01	0.006	0.058	<0.001	0.79	0.2	0.01	<0.02	<0.5
AGAR3503		12	<1	1.5	0.19	3	16.1	0.06	0.014	0.050	<0.001	0.35	0.7	0.16	<0.02	<0.5
AGAR3504		7	<1	0.8	0.10	8	30.5	7.79	0.005	0.005	0.003	0.27	15.2	5.75	0.02	3.2
AGAR3505		99	1	13.6	1.41	123	12.8	0.18	0.013	0.015	<0.001	0.79	0.3	0.03	0.06	<0.5
AGAR3506		261	<1	16.3	1.75	60	7.8	0.01	0.012	0.045	0.001	1.08	0.7	0.03	0.02	<0.5
AGAR3507		189	1	9.4	0.97	33	1.8	0.05	0.011	0.011	0.001	0.35	0.9	0.03	0.02	<0.5
AGAR3509		10	<1	10.0	1.06	5	3.4	0.09	0.009	0.005	0.001	0.10	0.4	0.07	<0.02	<0.5
AGAR500		9	<1	0.9	0.07	3	0.6	0.14	0.009	<0.005	<0.001	0.05	0.3	0.01	<0.02	<0.5
AGAR504		<5	1	<0.5	<0.03	<2	0.2	<0.01	0.007	<0.005	<0.001	<0.05	<0.2	<0.01	<0.02	<0.5
AGAR508		<5	<1	1.6	0.28	221	0.3	0.13	0.012	<0.005	0.001	<0.05	0.2	0.03	0.03	<0.5
AGAR510		291	1	44.5	5.28	137	0.4	0.08	0.010	0.013	0.002	0.12	1.4	0.29	0.07	<0.5
AGAR512		188	1	25.8	3.39	52	1.9	0.04	0.017	0.009	0.001	0.08	0.6	0.13	<0.02	<0.5
AGAR519		104	<1	13.3	1.89	60	0.3	0.02	0.018	0.006	<0.001	<0.05	<0.2	0.01	<0.02	<0.5
AGAR527		110	<1	6.9	0.91	32	0.5	0.01	0.022	<0.005	<0.001	<0.05	<0.2	0.02	0.06	<0.5



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To: ANGLOGOLD ASHANTI MINNESOTA INC.
 6300 S. SYRACUSE WAY #500
 CENTENNIAL CO 80111
 USA

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 Plus Appendix Pages
 Finalized Date: 26-AUG-2016
 Account: AAMICLSR

CERTIFICATE OF ANALYSIS TB16131758

Sample Description	Method Analyte Units LOR	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81
		Cd	Co	Cu	Li	Mo	Ni	Pb	Sc
		ppm 0.5	ppm 1	ppm 1	ppm 10	ppm 1	ppm 1	ppm 2	ppm 1
AGAR283		<0.5	17	49	10	<1	79	11	12
AGAR288		<0.5	<1	61	<10	1	2	<2	<1
AGAR289		<0.5	1	3	<10	1	5	<2	1
AGAR290		<0.5	46	58	<10	3	25	3	1
AGAR291		<0.5	7	6	10	3	34	4	3
AGAR292		<0.5	4	3	20	<1	34	7	3
AGAR293		0.5	59	153	30	1	197	8	37
AGAR294		<0.5	3	12	10	1	11	5	4
AGAR295		<0.5	32	251	10	1	33	11	29
AGAR296		<0.5	23	72	10	3	124	11	14
AGAR297		<0.5	19	61	10	<1	125	3	16
AGAR298		<0.5	3	6	10	15	8	2	1
AGAR299		<0.5	10	84	<10	4	28	<2	3
AGAR3502		<0.5	43	8	20	<1	35	<2	30
AGAR3503		<0.5	3	26	<10	20	10	5	1
AGAR3504		<0.5	11	247	<10	11	87	13	1
AGAR3505		<0.5	17	45	20	1	69	12	11
AGAR3506		0.5	43	30	40	<1	95	<2	36
AGAR3507		<0.5	42	91	20	<1	109	<2	34
AGAR3509		<0.5	1	24	<10	1	3	2	1
AGAR500		<0.5	4	32	10	1	3	<2	1
AGAR504		<0.5	<1	1	<10	1	<1	<2	<1
AGAR508		<0.5	3	78	<10	2	<1	33	<1
AGAR510		0.7	32	172	10	1	32	4	35
AGAR512		<0.5	24	70	<10	<1	9	2	20
AGAR519		<0.5	6	7	10	1	4	3	6
AGAR527		<0.5	16	22	10	<1	20	6	10



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CERTIFICATE OF ANALYSIS TB16131758

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Thunder Bay located at 1160 Commerce Street, Thunder Bay, ON, Canada.	
	CRU-31	CRU-QC
	PUL-QC	SPL-21
		LOG-22
		WEI-21
		PUL-32
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.	
	Au-ICP22	C-IR07
	ME-MS42	ME-MS81
	TOT-ICP06	ME-4ACD81
		OA-GRA05
		ME-ICP06
		S-IR08