



ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com

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: 25-AUG-2016
Account: AAMICLSR

CERTIFICATE TB16131732

This report is for 26 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
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
PGM-MS24	Pt, Pd and Au 50g FA ICP-MS	ICP-MS

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

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



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
 www.alsglobal.com

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

Page: 2 - A
 Total # Pages: 2 (A - E)
 Plus Appendix Pages
 Finalized Date: 25-AUG-2016
 Account: AAMICLSR

CERTIFICATE OF ANALYSIS TB16131732

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	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 %	OA-GRA05 LOI %
AGAR3501		0.43	50.2	11.85	16.20	13.90	2.07	0.27	0.23	<0.01	0.99	0.53	0.19	0.01	<0.01	1.87
AGAR3508		0.38	53.5	12.40	10.85	7.12	7.49	4.18	0.09	0.04	0.88	0.12	0.09	0.01	0.01	2.51
AGAR3510		0.67	65.1	12.85	5.84	4.02	1.69	1.94	2.38	0.02	0.41	0.11	0.15	0.03	0.06	6.57
AGAR3511		1.01	39.5	5.35	14.65	4.13	27.4	0.22	0.13	0.36	0.32	0.19	0.02	<0.01	<0.01	8.18
AGAR501		0.35	47.7	14.10	14.15	10.25	6.66	1.97	0.46	0.02	1.13	0.25	0.09	0.01	0.01	1.37
AGAR502		0.49	51.5	14.45	11.50	9.67	5.99	2.68	0.75	0.02	1.22	0.21	0.07	0.01	0.01	1.24
AGAR503		1.64	49.2	14.35	13.85	8.73	7.27	2.30	0.40	0.02	1.10	0.19	0.08	0.01	0.01	1.29
AGAR505		1.29	48.7	14.45	13.55	10.30	6.45	1.80	0.52	0.02	1.07	0.21	0.08	0.01	0.01	1.33
AGAR506		0.54	50.3	15.05	12.75	7.48	5.99	4.12	0.17	0.02	1.21	0.24	0.09	0.01	<0.01	0.79
AGAR507		0.68	47.3	13.35	15.15	11.40	6.63	1.83	0.32	0.01	1.15	0.28	0.10	0.01	0.01	0.98
AGAR509		0.80	52.5	13.55	8.26	7.73	3.74	2.53	5.70	0.02	0.96	0.11	1.01	0.54	0.57	1.03
AGAR511		0.96	44.7	13.20	17.15	8.68	7.00	1.44	2.95	<0.01	1.46	0.40	0.14	0.06	0.22	2.03
AGAR513		0.38	59.5	10.45	10.20	11.85	2.40	1.23	0.17	<0.01	1.33	0.27	0.11	<0.01	<0.01	2.64
AGAR514		2.46	56.0	11.60	15.75	6.08	4.68	2.49	0.21	<0.01	1.53	0.28	0.12	<0.01	<0.01	1.59
AGAR515		0.95	45.9	14.90	17.30	9.34	5.44	2.40	0.23	0.01	1.38	0.27	0.12	0.01	<0.01	1.87
AGAR516		1.72	48.7	13.90	15.35	13.30	3.77	0.94	0.11	<0.01	1.39	0.24	0.11	<0.01	<0.01	1.41
AGAR517		1.88	50.9	13.10	15.65	7.58	6.18	2.61	0.13	<0.01	1.45	0.23	0.11	0.01	<0.01	1.98
AGAR518		1.12	49.4	12.00	14.15	16.90	2.55	0.26	0.04	0.01	1.05	0.31	0.11	<0.01	<0.01	2.46
AGAR520		0.59	48.6	12.85	15.55	7.93	7.34	2.92	0.40	0.02	1.33	0.21	0.10	0.01	0.01	1.46
AGAR521		0.82	49.0	14.35	13.95	10.70	6.43	2.32	0.31	0.02	1.02	0.22	0.08	0.02	<0.01	0.93
AGAR522		1.13	56.1	11.20	16.25	6.88	3.99	2.18	0.23	<0.01	1.59	0.20	0.26	0.01	<0.01	1.10
AGAR523		0.74	47.7	14.50	14.25	9.87	6.66	2.37	0.28	0.02	1.17	0.20	0.08	0.01	0.01	1.28
AGAR524		0.58	47.4	10.10	20.4	10.60	5.85	0.74	0.23	0.01	0.82	0.28	0.06	0.01	<0.01	2.72
AGAR525		1.04	48.6	15.15	12.75	10.60	5.84	2.67	0.38	0.02	1.19	0.22	0.09	0.01	0.01	0.96
AGAR526		1.00	46.8	15.25	13.45	12.50	6.62	1.65	0.29	0.05	0.79	0.21	0.04	0.02	0.01	1.14
AGAR528		1.11	45.0	12.65	19.55	9.44	6.76	1.44	0.84	0.01	1.08	0.38	0.08	0.01	0.03	0.88



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
 www.alsglobal.com

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

Page: 2 - B
 Total # Pages: 2 (A - E)
 Plus Appendix Pages
 Finalized Date: 25-AUG-2016
 Account: AAMICLSR

CERTIFICATE OF ANALYSIS TB16131732

Sample Description	Method Analyte Units LOR	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	ME-MS81
		Total	C	S	Ba	Ce	Cr	Cs	Dy	Er	Eu	Ga	Gd	Ge	Hf	Ho
		%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		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	0.01
AGAR3501		98.31	0.12	0.62	38.2	34.2	20	0.08	6.36	3.45	1.50	21.6	5.96	<5	3.6	1.19
AGAR3508		99.29	0.02	0.82	55.2	19.2	240	0.21	4.83	3.16	0.79	15.0	4.93	<5	1.9	1.02
AGAR3510		101.17	1.39	0.08	565	47.2	130	4.58	2.63	1.27	1.11	16.1	3.50	<5	2.9	0.43
AGAR3511		100.45	0.02	0.02	34.2	3.6	2420	0.45	1.38	0.92	0.36	6.4	1.30	<5	0.4	0.30
AGAR501		98.17	0.02	0.13	70.1	11.5	110	0.27	4.72	3.20	1.02	18.2	4.25	<5	2.2	1.02
AGAR502		99.32	0.10	<0.01	83.8	9.5	120	0.46	4.66	2.84	0.91	18.2	3.55	<5	2.1	0.93
AGAR503		98.80	0.02	0.01	105.5	10.4	120	0.23	4.51	2.92	1.02	18.3	3.77	<5	2.1	0.93
AGAR505		98.50	0.03	0.02	82.0	10.6	110	0.32	4.66	3.06	0.98	18.7	3.82	<5	1.9	0.90
AGAR506		98.22	0.06	0.03	43.0	11.8	120	0.01	5.19	3.01	0.94	19.7	3.97	<5	2.3	1.00
AGAR507		98.52	0.05	<0.01	52.3	12.5	90	0.10	5.29	3.19	1.10	17.8	4.69	<5	2.3	1.11
AGAR509		98.25	0.01	0.02	5420	332	110	0.22	10.75	3.62	8.67	19.1	22.9	<5	5.5	1.51
AGAR511		99.43	0.04	0.45	2060	31.0	20	0.90	8.57	5.18	1.64	21.6	7.80	<5	3.5	1.80
AGAR513		100.15	0.66	0.01	40.2	20.5	20	0.10	6.13	3.74	1.49	16.4	5.43	<5	2.5	1.19
AGAR514		100.33	0.07	0.08	39.7	14.2	20	0.21	5.83	3.72	1.23	15.5	5.39	<5	2.6	1.28
AGAR515		99.17	0.04	<0.01	45.2	12.7	40	0.16	5.47	3.27	1.28	20.8	4.65	<5	2.4	1.03
AGAR516		99.22	0.04	0.03	25.7	17.8	30	<0.01	6.28	3.76	1.45	21.8	5.36	<5	2.3	1.21
AGAR517		99.93	0.03	0.06	27.8	13.7	10	0.01	5.38	3.40	1.12	18.8	4.87	<5	2.4	1.18
AGAR518		99.24	0.47	0.03	9.2	10.6	30	0.01	4.28	2.67	1.01	26.2	3.90	<5	1.6	0.96
AGAR520		98.73	0.04	0.24	65.0	12.4	110	0.47	5.45	3.49	1.04	19.2	4.76	<5	2.5	1.13
AGAR521		99.35	0.05	0.02	42.7	11.4	100	0.16	4.56	3.08	0.98	18.0	4.08	<5	2.1	1.00
AGAR522		99.99	0.02	0.23	32.3	31.5	20	0.43	11.95	7.13	2.02	21.3	9.99	<5	6.3	2.40
AGAR523		98.40	0.03	0.08	48.8	12.6	110	0.10	5.38	3.35	1.19	19.9	4.66	<5	2.2	1.15
AGAR524		99.22	0.05	0.29	21.2	11.7	80	0.85	5.26	3.15	1.22	22.2	4.49	<5	1.5	1.05
AGAR525		98.49	0.02	0.06	63.6	11.4	120	0.20	4.62	2.63	1.06	19.5	4.10	<5	2.3	0.91
AGAR526		98.82	0.02	<0.01	51.4	2.3	360	0.12	1.95	1.31	0.50	17.1	1.76	<5	0.5	0.46
AGAR528		98.15	0.02	0.01	249	10.5	90	1.00	4.72	3.14	1.01	17.7	4.06	<5	2.1	1.00



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
 www.alsglobal.com

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

Page: 2 - C
 Total # Pages: 2 (A - E)
 Plus Appendix Pages
 Finalized Date: 25-AUG-2016
 Account: AAMICLSR

CERTIFICATE OF ANALYSIS TB16131732

Sample Description	Method Analyte Units LOR	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	ME-MS81 V ppm 5
AGAR3501		15.1	0.62	6.4	20.4	4.72	4.9	5.31	2	98.0	0.3	0.94	1.54	0.54	0.47	17
AGAR3508		6.7	0.41	7.5	13.1	3.11	0.9	3.88	<1	107.0	0.1	0.77	0.51	0.46	0.32	207
AGAR3510		31.9	0.15	5.3	24.3	6.77	81.5	4.00	1	288	0.3	0.44	5.83	0.20	1.57	73
AGAR3511		1.9	0.14	1.2	3.1	0.77	4.0	1.06	<1	23.7	<0.1	0.23	0.16	0.13	0.06	114
AGAR501		4.4	0.52	3.5	9.5	1.93	18.8	3.33	1	107.5	0.1	0.79	0.37	0.50	0.12	302
AGAR502		3.6	0.42	3.3	8.2	1.75	27.9	2.89	<1	96.3	0.1	0.64	0.32	0.41	0.11	332
AGAR503		3.7	0.42	3.1	8.9	1.68	9.1	2.85	<1	88.2	0.1	0.68	0.38	0.42	0.10	307
AGAR505		4.1	0.40	3.0	8.7	1.81	18.2	2.92	1	111.5	0.1	0.68	0.36	0.44	0.11	308
AGAR506		4.5	0.44	3.5	9.7	2.02	2.6	3.57	1	109.5	0.1	0.71	0.41	0.49	0.11	340
AGAR507		4.7	0.50	3.3	10.6	2.11	7.6	3.37	1	105.5	0.1	0.80	0.38	0.50	0.11	302
AGAR509		130.0	0.24	9.4	206	49.0	99.9	36.0	2	4760	0.4	2.53	5.42	0.40	0.72	141
AGAR511		13.3	0.79	6.7	20.9	4.54	151.0	5.96	1	554	0.2	1.38	0.55	0.78	0.31	382
AGAR513		9.4	0.46	3.9	14.3	3.06	5.7	4.14	1	47.9	0.2	0.89	0.47	0.55	0.14	386
AGAR514		5.3	0.55	4.3	11.6	2.40	8.2	3.78	1	34.7	0.2	0.92	0.47	0.57	0.13	349
AGAR515		4.6	0.49	3.7	10.6	2.08	8.2	3.57	1	41.6	0.1	0.79	0.37	0.53	0.12	383
AGAR516		7.4	0.52	3.8	13.4	2.90	2.1	4.44	1	34.3	0.1	0.94	0.37	0.50	0.12	380
AGAR517		5.3	0.49	3.9	11.3	2.27	2.9	3.96	1	42.2	0.1	0.89	0.41	0.55	0.11	366
AGAR518		3.9	0.37	2.7	8.6	1.79	0.8	2.96	2	28.4	<0.1	0.68	0.30	0.38	0.10	311
AGAR520		4.5	0.54	3.6	9.9	1.99	16.1	3.33	1	91.1	0.1	0.84	0.43	0.53	0.13	372
AGAR521		4.6	0.41	3.0	8.6	1.86	7.9	3.17	1	152.5	0.1	0.72	0.32	0.50	0.13	269
AGAR522		12.1	1.15	9.3	25.2	5.00	8.0	7.44	1	87.0	0.4	1.72	1.08	1.01	0.28	226
AGAR523		5.0	0.46	3.2	10.1	2.17	7.2	3.59	1	126.5	0.1	0.85	0.35	0.49	0.15	328
AGAR524		4.9	0.51	2.2	9.4	1.90	5.1	3.10	1	70.3	0.1	0.80	0.28	0.50	0.08	234
AGAR525		4.3	0.43	3.3	9.0	1.90	10.8	2.95	<1	116.0	0.1	0.71	0.40	0.48	0.16	327
AGAR526		0.7	0.22	0.7	2.5	0.46	6.3	1.30	<1	157.5	<0.1	0.31	0.08	0.23	0.05	260
AGAR528		4.1	0.44	3.0	8.5	1.79	32.7	2.92	<1	63.9	0.1	0.73	0.32	0.49	0.09	282



ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com

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

Page: 2 - D
Total # Pages: 2 (A - E)
Plus Appendix Pages
Finalized Date: 25-AUG-2016
Account: AAMICLSR

CERTIFICATE OF ANALYSIS TB16131732

Sample Description	Method Analyte Units LOR	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 Ti ppm 0.02	ME-4ACD81 Ag ppm 0.5	ME-4ACD81 Cd ppm 0.5
AGAR3501		3	39.2	4.30	156	0.6	0.15	<0.005	0.028	0.003	0.06	0.3	0.07	0.02	<0.5	<0.5
AGAR3508		<1	29.9	3.18	80	2.9	0.04	<0.005	0.017	0.002	0.21	1.3	0.12	0.02	<0.5	<0.5
AGAR3510		1	14.3	1.26	120	66.6	0.16	0.005	0.022	0.001	0.48	0.3	0.05	0.03	<0.5	<0.5
AGAR3511		<1	8.4	1.02	23	0.4	<0.01	<0.005	0.014	0.001	<0.05	<0.2	0.01	0.02	<0.5	<0.5
AGAR501		<1	31.3	3.12	86	0.4	0.02	<0.005	0.010	0.001	<0.05	0.6	0.04	0.02	<0.5	<0.5
AGAR502		2	25.8	2.87	83	0.7	0.01	<0.005	0.008	0.001	<0.05	<0.2	0.04	0.02	<0.5	<0.5
AGAR503		<1	27.3	2.83	82	0.2	<0.01	<0.005	0.010	0.001	<0.05	0.2	0.01	<0.02	<0.5	<0.5
AGAR505		<1	27.2	2.84	79	0.5	0.01	<0.005	0.009	<0.001	<0.05	0.4	0.04	<0.02	<0.5	0.7
AGAR506		<1	30.5	3.04	94	0.5	0.01	<0.005	0.013	0.001	<0.05	<0.2	0.03	<0.02	<0.5	<0.5
AGAR507		1	32.8	3.72	89	0.6	<0.01	<0.005	0.007	0.001	<0.05	<0.2	0.01	<0.02	<0.5	0.6
AGAR509		1	46.1	2.25	184	0.5	0.02	<0.005	0.030	0.001	<0.05	<0.2	0.01	0.03	<0.5	<0.5
AGAR511		1	51.6	5.55	152	0.9	0.02	<0.005	0.018	0.003	0.08	0.8	0.07	0.08	<0.5	0.6
AGAR513		1	42.6	3.62	94	0.6	0.02	<0.005	0.010	0.001	<0.05	<0.2	0.02	<0.02	<0.5	<0.5
AGAR514		<1	38.3	4.00	103	0.5	0.02	<0.005	0.016	0.002	<0.05	0.5	0.04	<0.02	<0.5	0.6
AGAR515		<1	32.6	3.53	96	0.8	0.02	<0.005	0.011	0.002	<0.05	0.2	0.04	<0.02	<0.5	0.7
AGAR516		<1	40.4	3.92	94	0.6	0.01	<0.005	0.012	0.001	<0.05	0.2	0.02	<0.02	<0.5	0.5
AGAR517		<1	34.8	3.75	97	1.1	0.01	<0.005	0.008	0.002	<0.05	0.4	0.01	<0.02	<0.5	<0.5
AGAR518		<1	27.1	2.65	71	0.7	0.01	<0.005	0.013	0.002	0.05	0.7	0.01	<0.02	<0.5	0.6
AGAR520		<1	31.7	3.64	98	0.7	0.03	<0.005	0.014	0.001	<0.05	0.6	0.08	0.03	<0.5	0.5
AGAR521		<1	30.0	2.99	78	0.4	0.01	<0.005	0.010	0.001	<0.05	<0.2	0.03	<0.02	<0.5	0.5
AGAR522		<1	71.5	7.39	239	0.5	0.02	<0.005	0.025	0.003	<0.05	0.6	0.01	0.04	<0.5	<0.5
AGAR523		<1	33.1	3.42	87	1.1	0.01	<0.005	0.010	0.002	<0.05	0.4	0.03	<0.02	<0.5	<0.5
AGAR524		1	35.4	3.37	62	1.4	0.20	<0.005	0.040	0.001	0.09	4.6	1.70	0.19	1.0	0.7
AGAR525		1	26.2	3.11	91	0.7	0.01	<0.005	0.008	0.001	<0.05	0.2	0.04	0.03	<0.5	0.5
AGAR526		<1	13.3	1.59	25	0.7	0.01	<0.005	0.005	<0.001	<0.05	<0.2	0.04	<0.02	<0.5	<0.5
AGAR528		1	31.5	3.57	81	1.0	0.01	<0.005	0.012	0.002	<0.05	<0.2	0.01	0.20	<0.5	0.6



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
 www.alsglobal.com

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

Page: 2 - E
 Total # Pages: 2 (A - E)
 Plus Appendix Pages
 Finalized Date: 25-AUG-2016
 Account: AAMICLSR

CERTIFICATE OF ANALYSIS TB16131732

Sample Description	Method Analyte Units LOR	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	PGM-MS24	PGM-MS24	PGM-MS24
		Co	Cu	Li	Mo	Ni	Pb	Sc	Zn	Au	Pt	Pd
		ppm 1	ppm 1	ppm 10	ppm 1	ppm 1	ppm 2	ppm 1	ppm 2	ppm 0.001	ppm 0.0005	ppm 0.001
AGAR3501		13	25	<10	11	3	4	16	181	0.002	<0.0005	0.002
AGAR3508		61	195	10	<1	54	<2	32	36	0.001	0.0066	0.007
AGAR3510		13	36	10	<1	65	5	10	18	0.007	0.0008	0.001
AGAR3511		111	24	<10	<1	928	<2	17	101	0.001	0.0035	0.004
AGAR501		49	77	10	1	90	<2	43	96	0.001	0.0014	0.002
AGAR502		38	5	<10	<1	92	<2	42	79	<0.001	0.0015	0.001
AGAR503		44	98	10	<1	82	<2	38	102	0.001	0.0016	0.001
AGAR505		52	98	<10	<1	117	<2	43	98	0.002	0.0016	0.001
AGAR506		53	104	<10	<1	95	<2	46	116	0.002	0.0016	0.001
AGAR507		40	4	<10	<1	83	<2	41	112	<0.001	0.0013	0.001
AGAR509		28	27	<10	<1	78	20	20	132	0.001	0.0005	<0.001
AGAR511		54	175	30	1	54	3	51	131	0.005	0.0096	0.009
AGAR513		39	43	<10	<1	20	3	37	72	0.002	0.0056	0.005
AGAR514		38	104	<10	<1	19	3	41	129	0.002	0.0063	0.006
AGAR515		52	95	10	<1	45	<2	49	147	0.002	0.0087	0.008
AGAR516		42	99	<10	1	24	2	43	93	0.003	0.0092	0.009
AGAR517		44	151	10	<1	26	<2	43	121	0.003	0.0104	0.010
AGAR518		27	119	<10	1	17	<2	33	65	0.001	0.0067	0.006
AGAR520		47	143	<10	1	57	3	52	133	0.001	0.0023	0.001
AGAR521		51	66	<10	1	106	3	38	95	0.001	0.0009	0.001
AGAR522		29	90	<10	2	9	2	33	123	0.001	<0.0005	<0.001
AGAR523		47	94	<10	<1	86	2	43	103	0.001	0.0016	0.001
AGAR524		36	293	<10	<1	29	10	29	103	0.023	0.0011	0.001
AGAR525		46	32	<10	<1	99	3	42	87	0.001	0.0017	0.001
AGAR526		52	38	<10	1	159	<2	35	79	0.001	0.0125	0.013
AGAR528		41	7	10	1	79	3	38	124	<0.001	0.0012	0.001



ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com

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

Page: Appendix 1
Total # Appendix Pages: 1
Finalized Date: 25-AUG-2016
Account: AAMICLSR

CERTIFICATE OF ANALYSIS TB16131732

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.	
	C-IR07	ME-4ACD81
	ME-MS81	OA-GRA05
	TOT-ICP06	ME-ICP06
		PGM-MS24
		ME-MS42
		S-IR08