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: **SUPERIOR COPPER CORPORATION**
141 ADELAIDE STREET WEST
SUITE 301
TORONTO ON M5H 3L5

Finalized Date: 15-DEC-2015
Account: SUPCOP

QC CERTIFICATE SD15191975

Project: SUPERIOR PROJECT

This report is for 36 Drill Core samples submitted to our lab in Sudbury, ON, Canada on 10-DEC-2015.

The following have access to data associated with this certificate:

TRACY ARMSTRONG JOHN TAIT	TRACY ARMSTRONG (2ND EMAIL)	MORGAN QUINN

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
SPL-34	Pulp Splitting Charge
LOG-21d	Sample logging - ClientBarCode Dup
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-23	Pulp Login - Rcvd with Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS61r	48 element four acid ICP-MS + REEs	
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE

To: **SUPERIOR COPPER CORPORATION**
ATTN: MORGAN QUINN
141 ADELAIDE STREET WEST
SUITE 301
TORONTO ON M5H 3L5

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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QC CERTIFICATE OF ANALYSIS SD15191975

Sample Description	Method	Au-AA23	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r
	Analyte	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe
	Units	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	5	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01
STANDARDS																
BP-13		358														
Target Range - Lower Bound		332														
Upper Bound		384														
CDN-CM-34			3.62	6.66	114.5	490	0.98	3.68	2.13	0.94	39.9	41.0	217	3.59	5780	4.83
CDN-CM-34			3.73	6.73	110.5	520	1.15	3.66	2.17	1.02	39.4	44.7	249	3.88	6000	5.03
Target Range - Lower Bound																
Upper Bound																
GBM903-13																
Target Range - Lower Bound																
Upper Bound																
MRGeo08			4.52	7.47	34.0	1070	3.42	0.65	2.71	2.18	68.0	19.8	89	12.85	636	3.95
MRGeo08			4.40	7.22	32.5	1070	3.32	0.62	2.60	2.22	71.3	21.1	90	12.85	622	3.89
Target Range - Lower Bound			4.00	6.64	29.5	920	2.98	0.60	2.35	2.00	66.2	17.7	81	11.20	587	3.55
Upper Bound			4.92	8.14	36.5	1270	3.76	0.76	2.90	2.48	81.0	21.9	102	13.80	675	4.37
OREAS 932																
Target Range - Lower Bound																
Upper Bound																
OREAS-104			0.12	7.13	3.5	1270	3.73	0.45	1.01	0.21	103.5	2.9	38	3.64	75.8	1.97
OREAS-104			0.12	7.07	3.7	1300	3.56	0.43	1.03	0.24	104.5	3.3	40	3.88	75.7	2.00
Target Range - Lower Bound			0.08	6.51	2.7	1100	3.11	0.40	0.92	0.19	91.8	2.9	33	3.26	67.3	1.74
Upper Bound			0.14	7.98	3.8	1520	3.91	0.52	1.14	0.30	112.0	3.7	43	4.09	77.9	2.15
OREAS-133b																
Target Range - Lower Bound																
Upper Bound																
OREAS-45d			0.15	8.33	14.2	190	0.85	0.30	0.19	0.03	38.1	32.1	555	4.05	382	14.80
Target Range - Lower Bound			0.17	7.33	12.2	140	0.65	0.27	0.16	<0.02	33.5	26.5	493	3.47	345	13.05
Upper Bound			0.23	8.98	15.4	220	0.93	0.35	0.21	0.09	40.9	32.6	605	4.35	397	16.00
OxJ111		2200														
Target Range - Lower Bound		2030														
Upper Bound		2300														

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QC CERTIFICATE OF ANALYSIS SD15191975

Sample Description	Method / Analyte / Units / LOR	ME-MS61r Ga ppm 0.05	ME-MS61r Ge ppm 0.05	ME-MS61r Hf ppm 0.1	ME-MS61r In ppm 0.005	ME-MS61r K % 0.01	ME-MS61r La ppm 0.5	ME-MS61r Li ppm 0.2	ME-MS61r Mg % 0.01	ME-MS61r Mn ppm 5	ME-MS61r Mo ppm 0.05	ME-MS61r Na % 0.01	ME-MS61r Nb ppm 0.1	ME-MS61r Ni ppm 0.2	ME-MS61r P ppm 10	ME-MS61r Pb ppm 0.5
STANDARDS																
BP-13																
Target Range - Lower Bound																
Upper Bound																
CDN-CM-34		16.55	0.11	0.6	0.135	2.86	19.7	9.5	3.71	445	298	0.73	5.2	248	1320	24.1
CDN-CM-34		16.90	0.13	0.6	0.145	3.00	18.7	10.9	3.83	462	307	0.77	5.3	262	1280	26.1
Target Range - Lower Bound																
Upper Bound																
GBM903-13																
Target Range - Lower Bound																
Upper Bound																
MRGeo08		19.10	0.13	3.2	0.185	3.26	34.3	34.2	1.34	564	14.15	1.98	22.9	713	1120	1105
MRGeo08		19.10	0.19	3.2	0.182	3.17	35.4	31.5	1.31	547	14.95	1.96	21.8	703	1040	1085
Target Range - Lower Bound		17.50	<0.05	2.8	0.155	2.79	31.1	29.5	1.17	497	13.65	1.76	19.0	622	930	971
Upper Bound		21.5	0.27	3.6	0.201	3.43	39.1	36.5	1.45	619	16.75	2.18	23.4	760	1160	1185
OREAS 932																
Target Range - Lower Bound																
Upper Bound																
OREAS-104		24.6	0.17	5.5	0.084	2.45	50.2	18.7	0.35	226	8.22	3.34	27.0	10.1	1290	47.5
OREAS-104		26.2	0.25	5.7	0.086	2.42	49.2	17.6	0.36	227	9.43	3.34	25.4	10.1	1250	47.0
Target Range - Lower Bound		24.0	0.07	5.0	0.068	2.08	43.4	15.7	0.31	193	7.99	2.97	22.0	8.2	1090	42.3
Upper Bound		29.5	0.28	6.4	0.096	2.56	54.2	19.7	0.40	247	9.87	3.65	27.1	10.4	1360	52.8
OREAS-133b																
Target Range - Lower Bound																
Upper Bound																
OREAS-45d		23.0	0.15	4.3	0.096	0.45	18.2	23.4	0.23	484	2.46	0.10	15.8	239	420	20.7
Target Range - Lower Bound		19.05	0.09	3.3	0.081	0.36	14.7	19.2	0.21	436	2.20	0.08	13.0	208	370	19.1
Upper Bound		23.4	0.31	4.3	0.111	0.46	19.1	23.9	0.28	544	2.80	0.13	16.1	254	470	24.5
OxJ111																
Target Range - Lower Bound																
Upper Bound																

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QC CERTIFICATE OF ANALYSIS SD15191975

Sample Description	Method / Analyte / Units / LOR	ME-MS61r Rb ppm 0.1	ME-MS61r Re ppm 0.002	ME-MS61r S % 0.01	ME-MS61r Sb ppm 0.05	ME-MS61r Sc ppm 0.1	ME-MS61r Se ppm 1	ME-MS61r Sn ppm 0.2	ME-MS61r Sr ppm 0.2	ME-MS61r Ta ppm 0.05	ME-MS61r Te ppm 0.05	ME-MS61r Th ppm 0.01	ME-MS61r Ti % 0.005	ME-MS61r Tl ppm 0.02	ME-MS61r U ppm 0.1	ME-MS61r V ppm 1
STANDARDS																
BP-13																
Target Range - Lower Bound																
Upper Bound																
CDN-CM-34		87.1	0.319	3.13	5.98	18.1	5	1.9	228	0.37	0.65	2.22	0.525	1.32	0.8	172
CDN-CM-34		88.6	0.312	3.15	6.22	17.4	6	1.8	234	0.36	0.65	2.34	0.524	1.41	0.8	169
Target Range - Lower Bound																
Upper Bound																
GBM903-13																
Target Range - Lower Bound																
Upper Bound																
MRGeo08		184.5	0.011	0.31	4.44	11.0	2	4.0	312	1.54	<0.05	18.15	0.500	1.02	4.8	113
MRGeo08		190.5	0.009	0.30	4.65	12.2	3	3.8	298	1.55	<0.05	18.55	0.488	1.09	4.9	106
Target Range - Lower Bound		173.5	0.005	0.27	3.89	11.1	<1	3.5	277	1.39	<0.05	17.90	0.443	0.89	4.9	97
Upper Bound		212	0.013	0.35	5.39	13.7	4	4.7	339	1.81	0.14	21.9	0.553	1.25	6.2	121
OREAS 932																
Target Range - Lower Bound																
Upper Bound																
OREAS-104		131.5	0.002	0.02	0.66	4.1	2	6.5	116.0	2.41	<0.05	154.5	0.162	0.52	124.5	18
OREAS-104		129.5	0.002	0.02	0.78	4.2	3	6.2	114.5	2.40	<0.05	154.5	0.161	0.60	122.0	18
Target Range - Lower Bound		117.5	<0.002	<0.01	0.53	4.0	<1	5.6	106.0	2.14	<0.05	137.0	0.135	0.44	104.0	15
Upper Bound		143.5	0.006	0.04	0.88	5.1	3	7.3	130.0	2.73	0.13	167.0	0.176	0.65	127.0	20
OREAS-133b																
Target Range - Lower Bound																
Upper Bound																
OREAS-45d		43.9	<0.002	0.05	0.91	52.4	4	2.5	33.0	1.14	0.12	15.35	0.793	0.27	2.7	231
Target Range - Lower Bound		37.8	<0.002	0.03	0.64	44.3	<1	2.2	28.0	0.87	<0.05	13.50	0.691	0.20	2.3	211
Upper Bound		46.4	0.007	0.07	1.00	54.3	5	3.2	34.6	1.17	0.23	16.50	0.855	0.34	3.0	260
OxJ111																
Target Range - Lower Bound																
Upper Bound																

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Sample Description	Method / Analyte / Units / LOR	ME-MS61r W ppm 0.1	ME-MS61r Y ppm 0.1	ME-MS61r Zn ppm 2	ME-MS61r Zr ppm 0.5	ME-MS61r Dy ppm 0.05	ME-MS61r Er ppm 0.03	ME-MS61r Eu ppm 0.03	ME-MS61r Gd ppm 0.05	ME-MS61r Ho ppm 0.01	ME-MS61r Lu ppm 0.01	ME-MS61r Nd ppm 0.1	ME-MS61r Pr ppm 0.03	ME-MS61r Sm ppm 0.03	ME-MS61r Tb ppm 0.01	ME-MS61r Tm ppm 0.01
STANDARDS																
BP-13																
Target Range - Lower Bound																
Upper Bound																
CDN-CM-34		27.1	14.3	204	23.5	3.09	1.33	1.40	3.92	0.54	0.15	20.9	4.93	4.84	0.57	0.17
CDN-CM-34		28.7	13.9	210	21.0	3.26	1.41	1.50	4.23	0.57	0.15	21.4	5.30	4.76	0.60	0.19
Target Range - Lower Bound																
Upper Bound																
GBM903-13																
Target Range - Lower Bound																
Upper Bound																
MRGeo08		4.9	25.2	832	115.5	4.51	2.51	1.20	4.87	0.92	0.39	28.1	7.42	5.88	0.78	0.39
MRGeo08		4.9	24.7	797	107.0	4.86	2.72	1.29	5.08	0.96	0.40	31.9	8.33	5.88	0.79	0.41
Target Range - Lower Bound		4.1	23.8	722	92.2	3.99	2.25	1.12	4.60	0.79	0.32	26.5	7.02	5.24	0.67	0.32
Upper Bound		5.8	29.3	886	126.0	5.51	3.11	1.59	6.34	1.09	0.46	36.1	9.56	7.16	0.93	0.46
OREAS 932																
Target Range - Lower Bound																
Upper Bound																
OREAS-104		2.3	28.8	75	202	6.08	2.77	1.17	7.93	1.09	0.34	52.5	13.20	10.45	1.15	0.40
OREAS-104		2.3	28.2	77	192.0	6.21	2.82	1.18	8.18	1.10	0.35	51.8	12.75	10.40	1.17	0.41
Target Range - Lower Bound		1.8	25.2	67	166.5	5.14	2.42	0.96	7.18	0.91	0.31	42.3	10.55	8.90	0.92	0.34
Upper Bound		2.7	31.0	86	227	7.07	3.34	1.38	9.83	1.26	0.44	57.5	14.35	12.10	1.27	0.48
OREAS-133b																
Target Range - Lower Bound																
Upper Bound																
OREAS-45d		1.8	10.5	45	157.5	2.36	1.35	0.62	2.46	0.46	0.22	14.4	3.84	3.00	0.39	0.25
Target Range - Lower Bound		1.3	8.5	39	119.5											
Upper Bound		2.0	10.6	52	162.5											
OxJ111																
Target Range - Lower Bound																
Upper Bound																

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Sample Description	Method / Analyte / Units / LOR	ME-MS61r Yb ppm 0.03	Cu-OG62 Cu % 0.001	Zn-OG62 Zn % 0.001
STANDARDS				
BP-13				
Target Range - Lower Bound				
Upper Bound				
CDN-CM-34		1.01		
CDN-CM-34		1.10		
Target Range - Lower Bound				
Upper Bound				
GBM903-13			2.99	0.947
Target Range - Lower Bound			2.79	0.901
Upper Bound			3.00	0.968
MRGeo08		2.47		
MRGeo08		2.62		
Target Range - Lower Bound		2.13		
Upper Bound		2.95		
OREAS 932			6.04	0.058
Target Range - Lower Bound			5.91	
Upper Bound			6.35	
OREAS-104		2.45		
OREAS-104		2.50		
Target Range - Lower Bound		2.10		
Upper Bound		2.92		
OREAS-133b			0.033	11.20
Target Range - Lower Bound			0.030	10.95
Upper Bound			0.034	11.75
OREAS-45d		1.41		
Target Range - Lower Bound				
Upper Bound				
OxJ111				
Target Range - Lower Bound				
Upper Bound				

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Sample Description	Method / Analyte / Units / LOR	Au-AA23 Au ppb 5	ME-MS61r Ag ppm 0.01	ME-MS61r Al % 0.01	ME-MS61r As ppm 0.2	ME-MS61r Ba ppm 10	ME-MS61r Be ppm 0.05	ME-MS61r Bi ppm 0.01	ME-MS61r Ca % 0.01	ME-MS61r Cd ppm 0.02	ME-MS61r Ce ppm 0.01	ME-MS61r Co ppm 0.1	ME-MS61r Cr ppm 1	ME-MS61r Cs ppm 0.05	ME-MS61r Cu ppm 0.2	ME-MS61r Fe % 0.01
BLANKS																
BLANK		<5														
Target Range - Lower Bound		<5														
Upper Bound		10														
BLANK			<0.01	<0.01	<0.2	<10	<0.05	0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	0.2	<0.01
BLANK			<0.01	<0.01	<0.2	<10	<0.05	0.01	<0.01	<0.02	0.01	<0.1	<1	<0.05	<0.2	<0.01
Target Range - Lower Bound			<0.01	<0.01	<0.2	<10	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2	<0.01
Upper Bound			0.02	0.02	0.4	20	0.10	0.02	0.02	0.04	0.02	0.2	2	0.10	0.4	0.02
BLANK																
Target Range - Lower Bound																
Upper Bound																
DUPLICATES																
ORIGINAL		80														
DUP		80														
Target Range - Lower Bound		71														
Upper Bound		89														
Q203343		<5														
DUP		<5														
Target Range - Lower Bound		<5														
Upper Bound		10														
Q203360			0.07	5.64	3.3	170	2.81	0.09	2.28	0.08	58.7	1.2	22	6.15	37.3	1.14
DUP			0.10	4.97	3.4	170	2.42	0.08	2.31	0.07	49.3	1.2	22	6.04	36.2	1.11
Target Range - Lower Bound			0.07	5.03	3.0	150	2.43	0.07	2.17	0.05	51.3	1.0	20	5.74	35.3	1.06
Upper Bound			0.10	5.58	3.7	190	2.80	0.10	2.42	0.10	56.7	1.4	24	6.45	38.2	1.19
Q203362		<5														
DUP		<5														
Target Range - Lower Bound		<5														
Upper Bound		10														
Q203381																
DUP																
Target Range - Lower Bound																
Upper Bound																

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Sample Description	Method / Analyte / Units / LOR	ME-MS61r Ga ppm 0.05	ME-MS61r Ge ppm 0.05	ME-MS61r Hf ppm 0.1	ME-MS61r In ppm 0.005	ME-MS61r K % 0.01	ME-MS61r La ppm 0.5	ME-MS61r Li ppm 0.2	ME-MS61r Mg % 0.01	ME-MS61r Mn ppm 5	ME-MS61r Mo ppm 0.05	ME-MS61r Na % 0.01	ME-MS61r Nb ppm 0.1	ME-MS61r Ni ppm 0.2	ME-MS61r P ppm 10	ME-MS61r Pb ppm 0.5
BLANKS																
BLANK																
Target Range - Lower Bound																
Upper Bound																
BLANK		<0.05	0.09	<0.1	<0.005	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2	<10	<0.5
BLANK		<0.05	<0.05	<0.1	<0.005	<0.01	<0.5	0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2	10	<0.5
Target Range - Lower Bound		<0.05	<0.05	<0.1	<0.005	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2	<10	<0.5
Upper Bound		0.10	0.10	0.2	0.010	0.02	1.0	0.4	0.02	10	0.10	0.02	0.2	0.4	20	1.0
BLANK																
Target Range - Lower Bound																
Upper Bound																
DUPLICATES																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
Q203343																
DUP																
Target Range - Lower Bound																
Upper Bound																
Q203360		12.90	0.15	6.3	0.020	2.81	32.9	9.3	0.14	126	1.22	0.09	42.0	1.7	40	3.4
DUP		12.45	0.10	6.0	0.018	2.81	27.0	8.4	0.12	129	1.24	0.09	40.4	1.5	40	3.0
Target Range - Lower Bound		12.00	0.07	5.7	0.013	2.66	28.0	8.2	0.11	116	1.12	0.08	39.0	1.3	30	2.5
Upper Bound		13.35	0.18	6.6	0.025	2.96	31.9	9.5	0.15	139	1.34	0.10	43.4	1.9	50	3.9
Q203362																
DUP																
Target Range - Lower Bound																
Upper Bound																
Q203381																
DUP																
Target Range - Lower Bound																
Upper Bound																

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: **SUPERIOR COPPER CORPORATION**
141 ADELAIDE STREET WEST
SUITE 301
TORONTO ON M5H 3L5

Finalized Date: 15-DEC-2015
Account: SUPCOP

Project: SUPERIOR PROJECT

QC CERTIFICATE OF ANALYSIS SD15191975

Sample Description	Method / Analyte / Units / LOR	ME-MS61r Rb ppm 0.1	ME-MS61r Re ppm 0.002	ME-MS61r S % 0.01	ME-MS61r Sb ppm 0.05	ME-MS61r Sc ppm 0.1	ME-MS61r Se ppm 1	ME-MS61r Sn ppm 0.2	ME-MS61r Sr ppm 0.2	ME-MS61r Ta ppm 0.05	ME-MS61r Te ppm 0.05	ME-MS61r Th ppm 0.01	ME-MS61r Ti % 0.005	ME-MS61r Tl ppm 0.02	ME-MS61r U ppm 0.1	ME-MS61r V ppm 1
BLANKS																
BLANK																
Target Range - Lower Bound																
Upper Bound																
BLANK		<0.1	<0.002	<0.01	0.14	<0.1	<1	<0.2	<0.2	<0.05	<0.05	<0.01	<0.005	<0.02	<0.1	<1
BLANK		0.1	<0.002	<0.01	0.06	<0.1	1	<0.2	<0.2	<0.05	<0.05	<0.01	<0.005	0.04	<0.1	<1
Target Range - Lower Bound		<0.1	<0.002	<0.01	<0.05	<0.1	<1	<0.2	<0.2	<0.05	<0.05	<0.01	<0.005	<0.02	<0.1	<1
Upper Bound		0.2	0.004	0.02	0.10	0.2	5	0.4	0.4	0.10	0.10	0.02	0.010	0.04	0.2	2
BLANK																
Target Range - Lower Bound																
Upper Bound																
DUPLICATES																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
Q203343																
DUP																
Target Range - Lower Bound																
Upper Bound																
Q203360		129.0	<0.002	<0.01	0.26	1.6	1	3.7	17.1	2.96	<0.05	34.9	0.070	0.51	3.8	9
DUP		118.5	<0.002	0.01	0.26	1.4	1	3.7	16.0	2.85	<0.05	29.6	0.070	0.46	3.4	9
Target Range - Lower Bound		117.5	<0.002	<0.01	0.19	1.3	<1	3.3	15.5	2.71	<0.05	30.6	0.062	0.43	3.3	8
Upper Bound		130.0	0.004	0.02	0.33	1.7	2	4.1	17.6	3.10	0.10	33.9	0.079	0.54	3.9	10
Q203362																
DUP																
Target Range - Lower Bound																
Upper Bound																
Q203381																
DUP																
Target Range - Lower Bound																
Upper Bound																

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Finalized Date: 15-DEC-2015
Account: SUPCOP

Project: SUPERIOR PROJECT

QC CERTIFICATE OF ANALYSIS SD15191975

Sample Description	Method / Analyte / Units / LOR	ME-MS61r W ppm 0.1	ME-MS61r Y ppm 0.1	ME-MS61r Zn ppm 2	ME-MS61r Zr ppm 0.5	ME-MS61r Dy ppm 0.05	ME-MS61r Er ppm 0.03	ME-MS61r Eu ppm 0.03	ME-MS61r Gd ppm 0.05	ME-MS61r Ho ppm 0.01	ME-MS61r Lu ppm 0.01	ME-MS61r Nd ppm 0.1	ME-MS61r Pr ppm 0.03	ME-MS61r Sm ppm 0.03	ME-MS61r Tb ppm 0.01	ME-MS61r Tm ppm 0.01
BLANKS																
BLANK																
Target Range - Lower Bound																
Upper Bound																
BLANK		<0.1	<0.1	<2	<0.5	<0.05	<0.03	<0.03	<0.05	<0.01	<0.01	<0.1	<0.03	<0.03	<0.01	<0.01
BLANK		<0.1	<0.1	<2	<0.5	<0.05	<0.03	<0.03	<0.05	<0.01	<0.01	<0.1	<0.03	<0.03	<0.01	<0.01
Target Range - Lower Bound		<0.1	<0.1	<2	<0.5	<0.05	<0.03	<0.03	<0.05	<0.01	<0.01	<0.1	<0.03	<0.03	<0.01	<0.01
Upper Bound		0.2	0.2	4	1.0	0.10	0.06	0.06	0.10	0.02	0.02	0.2	0.06	0.06	0.02	0.02
BLANK																
Target Range - Lower Bound																
Upper Bound																
DUPLICATES																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
Q203343																
DUP																
Target Range - Lower Bound																
Upper Bound																
Q203360		2.2	31.7	15	169.5	4.94	3.53	0.21	3.98	1.14	0.71	21.5	6.34	4.07	0.73	0.62
DUP		2.2	27.4	16	161.5	4.35	3.20	0.18	3.42	1.01	0.62	18.5	5.44	3.73	0.63	0.55
Target Range - Lower Bound		1.9	28.0	13	156.5	4.25	3.08	0.15	3.37	0.98	0.61	18.4	5.42	3.58	0.62	0.53
Upper Bound		2.5	31.1	18	174.5	5.04	3.65	0.24	4.03	1.17	0.72	21.6	6.36	4.22	0.74	0.64
Q203362																
DUP																
Target Range - Lower Bound																
Upper Bound																
Q203381																
DUP																
Target Range - Lower Bound																
Upper Bound																

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SUITE 301
TORONTO ON M5H 3L5

Finalized Date: 15-DEC-2015
Account: SUPCOP

Project: SUPERIOR PROJECT

QC CERTIFICATE OF ANALYSIS SD15191975

Sample Description	Method / Analyte / Units / LOR	ME-MS61r Yb ppm 0.03	Cu-OG62 Cu % 0.001	Zn-OG62 Zn % 0.001
BLANKS				
BLANK				
Target Range - Lower Bound				
Upper Bound				
BLANK		<0.03		
BLANK		<0.03		
Target Range - Lower Bound		<0.03		
Upper Bound		0.06		
BLANK			<0.001	0.001
Target Range - Lower Bound			<0.001	<0.001
Upper Bound			0.002	0.002
DUPLICATES				
ORIGINAL				
DUP				
Target Range - Lower Bound				
Upper Bound				
Q203343				
DUP				
Target Range - Lower Bound				
Upper Bound				
Q203360		4.56		
DUP		3.95		
Target Range - Lower Bound		3.91		
Upper Bound		4.60		
Q203362				
DUP				
Target Range - Lower Bound				
Upper Bound				
Q203381			2.48	
DUP			2.49	0.433
Target Range - Lower Bound			2.42	0.421
Upper Bound			2.55	0.445

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Finalized Date: 15-DEC-2015
Account: SUPCOP

Project: SUPERIOR PROJECT

QC CERTIFICATE OF ANALYSIS SD15191975

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

REE's may not be totally soluble in this method.

Applies to Method: ME-MS61r

LABORATORY ADDRESSES

Processed at ALS Sudbury located at 1351-B Kelly Lake Road, Unit #1, Sudbury, ON, Canada.

Applies to Method:

CRU-31	CRU-QC	LOG-21d	LOG-22
LOG-23	PUL-31	PUL-QC	SPL-21
SPL-34	WEI-21		

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

Applies to Method:

Au-AA23	Cu-OG62	ME-MS61r	ME-OG62