ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **NORTHGATE MINERALS - YOUNG DAVIDSON MINE**
PO BOX 187
MATACHEWAN ON P0K 1M0

Finalized Date: 6-JUL-2011
Account: NORTEX

CERTIFICATE TM11113868

Project: 1916

P.O. No.:

This report is for 79 Drill Core samples submitted to our lab in Timmins, ON, Canada on 21-JUN-2011.

The following have access to data associated with this certificate:

CARL EDMUNDS TOM WADEY	JIM JANZEN YOUNG DAVIDSON WEBTRIEVE	RON KONST

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
BAG-01	Bulk Master for Storage
PUL-QC	Pulverizing QC Test
LOG-22	Sample login - Rcd w/o BarCode
LOG-21d	Sample logging - ClientBarCode Dup
SPL-21d	Split sample - duplicate
PUL-32d	Pulverize Split -Dup 85% <75um
CRU-31	Fine crushing - 70% <2mm
CRU-QC	Crushing QC Test
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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ATTN: JIM JANZEN
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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.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICATE OF ANALYSIS TM11113868

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	PUL-QC Pass75um % 0.01	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01
Y65709		3.02	0.07	87.4	0.9	7.03	<5	2750	3.9	2	4.18	<0.5	11	25	48	3.11
Y65710		3.01	0.05		0.7	7.34	8	2570	4.1	2	3.53	<0.5	10	29	57	3.23
Y65711		3.29	0.02		0.8	6.67	<5	2310	3.0	<2	2.23	<0.5	9	34	35	2.78
Y65712		1.78	0.08		<0.5	7.67	6	2590	3.6	<2	2.42	<0.5	11	27	50	3.15
Y65713		2.38	0.11		1.9	7.08	9	1730	3.7	3	5.73	<0.5	25	239	185	4.07
Y65714		3.16	0.06		1.3	3.87	6	1870	2.9	<2	8.85	<0.5	63	1430	128	7.66
Y65715		3.42	0.01		<0.5	6.12	9	160	2.8	<2	6.00	<0.5	36	288	47	6.59
Y65716		3.13	0.01		<0.5	6.83	8	130	3.3	<2	6.10	<0.5	36	266	46	6.76
Y65717		3.17	2.54		2.0	7.10	<5	1460	2.4	<2	3.38	<0.5	13	58	85	3.24
Y65718		3.16	1.57		0.8	7.48	<5	1210	3.2	3	3.17	<0.5	13	46	77	3.33
Y65719		3.02	1.91		1.4	7.26	<5	2120	3.2	2	2.57	<0.5	8	23	88	2.77
Y65720		3.12	1.73		1.1	7.70	<5	2350	3.1	3	3.35	<0.5	8	24	84	2.88
Y65721		0.08	5.96		0.9	7.07	19	200	2.3	4	1.66	<0.5	14	48	34	5.34
Y65722		2.99	3.08	83.7	2.0	7.79	<5	2160	3.2	2	3.28	<0.5	10	32	52	3.10
Y65723		3.51	2.89		2.1	7.65	<5	2070	3.1	2	3.48	<0.5	21	61	100	4.99
Y65724		1.83	0.81		0.8	7.98	<5	2520	4.1	2	2.71	<0.5	9	24	46	3.13
Y65725		1.97	0.22		0.8	7.44	<5	2360	4.6	<2	3.63	<0.5	13	26	67	3.19
Y65726		2.26	0.80		1.5	7.62	<5	2550	6.0	<2	3.76	<0.5	17	109	26	4.17
Y65727		2.21	0.65		1.9	7.23	<5	2010	5.4	<2	5.00	<0.5	18	95	34	4.44
Y65728		2.69	0.01		0.6	7.48	<5	1890	5.5	2	5.16	<0.5	19	100	134	4.31
Y65729		3.09	0.05		0.9	7.39	<5	1980	4.2	<2	4.84	<0.5	29	92	53	4.55
Y65730		4.09	0.01		0.7	7.55	<5	1800	3.1	5	5.31	<0.5	29	105	84	5.91
Y65731		2.60	0.01		<0.5	8.58	<5	870	0.6	<2	6.47	<0.5	47	140	146	9.06
Y65732		3.61	0.42		0.6	7.16	<5	690	1.2	<2	5.34	<0.5	41	23	164	10.40
Y65733		2.96	1.61		2.5	7.38	<5	1820	1.9	2	2.83	5.0	14	17	262	3.06
Y65734		2.83	3.44		2.7	7.35	<5	2060	2.5	<2	2.27	2.7	9	18	86	2.61
Y65735		3.11	2.16		2.0	7.47	<5	1940	2.6	3	2.00	<0.5	8	19	68	2.58
Y65736		3.13	1.53		1.2	7.35	<5	1700	2.8	2	1.71	<0.5	7	19	55	2.41
Y65737		2.95	3.94		2.7	7.43	<5	1730	3.2	<2	1.93	<0.5	8	19	58	2.60
Y65738		2.83	1.86		1.1	7.28	<5	1440	3.1	5	2.31	<0.5	10	21	57	2.65
Y65739		2.92	1.49		0.9	7.51	<5	1360	2.2	2	2.74	<0.5	10	17	100	2.72
Y65740		3.06	1.33		1.0	7.44	7	1490	2.9	2	2.33	<0.5	8	18	92	2.51
Y65741		<0.02	1.19		1.2	7.53	<5	1750	2.6	<2	2.34	<0.5	8	17	89	2.50
Y65742		2.99	1.93		2.0	7.46	<5	1210	2.8	<2	1.84	1.1	7	17	96	2.63
Y65743		3.18	1.35		1.5	7.08	<5	1340	2.0	<2	2.58	1.7	8	16	78	2.69
Y65744		2.76	1.57		1.6	7.76	<5	910	2.9	<2	1.88	1.2	7	18	77	2.69
Y65745		3.07	2.11		2.5	6.57	13	1280	3.2	2	3.20	2.0	9	14	71	2.34
Y65746		3.29	1.94		2.8	7.34	<5	1570	2.7	2	2.17	3.7	8	17	81	2.44
Y65747		2.94	1.82		3.2	7.20	<5	1840	2.6	<2	2.66	5.0	10	18	99	2.52
Y65748		3.02	1.36	89.6	1.7	6.98	<5	1530	5.1	2	1.88	<0.5	8	16	81	2.42

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CERTIFICATE OF ANALYSIS TM11113868

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Ga	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Te
	Units	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	10	0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	10
Y65709		20	4.05	100	1.49	935	20	2.69	16	1140	275	0.28	<5	7	873	<10
Y65710		20	4.22	100	1.62	859	1	2.90	13	1280	284	0.17	<5	7	709	<10
Y65711		20	3.81	110	1.16	674	<1	2.90	15	1170	193	0.08	<5	6	772	<10
Y65712		20	4.42	70	1.32	724	<1	3.18	14	1260	171	0.19	<5	7	821	<10
Y65713		10	3.78	280	2.79	1245	20	2.34	163	1100	582	0.48	<5	11	986	<10
Y65714		10	2.70	30	6.96	1900	1	0.51	891	170	49	0.51	<5	19	1540	10
Y65715		10	1.27	50	4.50	1645	2	3.29	92	1580	34	0.46	<5	27	500	<10
Y65716		20	1.03	50	4.30	1695	<1	3.73	72	1750	29	0.29	5	31	576	<10
Y65717		20	3.96	70	1.27	622	28	2.48	21	1180	84	2.38	<5	7	718	<10
Y65718		20	4.98	80	1.25	559	1	3.12	30	1450	60	2.55	<5	7	654	<10
Y65719		20	5.16	110	0.97	494	1	2.51	10	1100	53	1.50	<5	5	815	<10
Y65720		20	5.97	100	1.17	628	18	2.59	9	1150	60	1.21	<5	5	875	<10
Y65721		20	2.26	20	1.28	368	1	3.87	51	1160	70	3.57	<5	4	260	<10
Y65722		20	5.66	90	1.07	620	1	2.48	9	1240	44	1.77	<5	5	720	<10
Y65723		20	5.18	60	2.27	1105	1	2.19	51	1180	45	1.53	<5	12	687	<10
Y65724		20	5.19	80	0.90	652	<1	2.56	10	1240	60	0.99	<5	5	855	<10
Y65725		20	4.62	70	1.34	792	8	3.01	17	1150	56	0.38	<5	6	851	<10
Y65726		20	4.71	90	1.90	815	<1	1.13	48	2240	22	0.51	<5	13	1825	<10
Y65727		20	5.00	90	2.24	1025	<1	1.51	49	2040	30	0.08	6	12	1390	<10
Y65728		20	4.73	90	2.18	1025	1	2.66	50	2180	105	0.23	<5	13	901	<10
Y65729		20	4.92	90	2.45	1005	<1	2.30	51	2050	41	0.82	<5	13	1080	<10
Y65730		20	3.23	70	2.93	1190	1	2.85	75	1600	30	0.27	<5	18	968	<10
Y65731		20	1.66	20	4.12	1685	<1	1.87	129	480	11	0.09	<5	35	528	<10
Y65732		20	1.24	30	2.73	1865	1	2.55	35	880	38	0.27	<5	37	724	<10
Y65733		20	5.41	50	0.77	529	39	2.51	10	850	418	1.81	<5	3	823	<10
Y65734		20	4.95	50	0.63	446	10	2.12	9	830	124	1.78	<5	3	1015	<10
Y65735		20	5.20	60	0.61	400	3	3.09	8	840	32	1.79	<5	3	953	<10
Y65736		20	4.50	60	0.60	332	9	2.93	7	970	20	1.88	<5	3	1000	<10
Y65737		20	4.85	60	0.78	378	52	2.89	10	1090	23	1.99	<5	4	750	<10
Y65738		20	5.00	70	0.77	365	54	2.65	12	1080	34	2.28	<5	4	691	<10
Y65739		20	5.14	120	1.09	469	32	2.67	11	1140	30	2.16	<5	4	723	<10
Y65740		20	4.96	70	0.96	499	41	2.56	8	1200	32	2.04	<5	4	825	<10
Y65741		20	5.32	70	0.93	498	39	2.59	9	1170	31	1.92	<5	4	809	<10
Y65742		20	5.20	60	0.69	411	6	2.39	8	970	49	2.37	<5	3	917	<10
Y65743		20	4.93	120	0.96	583	71	2.36	10	1120	58	2.11	<5	4	783	<10
Y65744		20	5.47	60	0.65	435	11	2.58	9	960	41	2.34	<5	3	1365	<10
Y65745		20	4.92	60	0.72	618	27	2.32	10	710	113	1.85	<5	4	1215	<10
Y65746		20	5.21	60	0.57	517	4	2.75	10	800	51	1.93	<5	3	1780	<10
Y65747		20	5.29	50	0.86	599	27	2.64	14	860	63	1.64	<5	4	1020	<10
Y65748		20	4.95	50	0.54	412	9	2.74	9	870	32	2.02	<5	3	1225	<10

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CERTIFICATE OF ANALYSIS TM11113868

Sample Description	Method Analyte Units LOR	ME-ICP61 Ti % 0.01	ME-ICP61 Tl ppm 10	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
Y65709		0.16	<10	<10	84	<10	94
Y65710		0.19	<10	<10	92	10	99
Y65711		0.18	<10	<10	76	10	72
Y65712		0.19	<10	<10	85	<10	78
Y65713		0.18	<10	<10	97	10	124
Y65714		0.17	<10	<10	126	<10	277
Y65715		0.55	<10	<10	204	<10	247
Y65716		0.60	<10	<10	219	10	228
Y65717		0.16	<10	<10	75	10	64
Y65718		0.22	<10	<10	90	20	70
Y65719		0.17	<10	<10	91	10	53
Y65720		0.18	<10	<10	97	60	56
Y65721		0.39	<10	10	49	<10	50
Y65722		0.18	<10	<10	83	20	56
Y65723		0.29	<10	<10	124	10	100
Y65724		0.20	<10	<10	84	10	55
Y65725		0.21	<10	<10	84	20	64
Y65726		0.35	<10	<10	123	20	75
Y65727		0.33	<10	<10	113	10	82
Y65728		0.36	<10	<10	115	20	84
Y65729		0.33	<10	<10	114	<10	92
Y65730		0.40	<10	<10	158	<10	112
Y65731		0.56	<10	<10	248	<10	132
Y65732		0.94	<10	<10	370	<10	158
Y65733		0.15	<10	<10	39	20	163
Y65734		0.14	<10	<10	32	550	103
Y65735		0.16	<10	<10	41	20	35
Y65736		0.15	<10	<10	37	40	28
Y65737		0.15	<10	<10	40	20	31
Y65738		0.13	<10	<10	38	20	27
Y65739		0.13	<10	10	41	70	37
Y65740		0.12	<10	<10	39	30	54
Y65741		0.12	<10	<10	39	20	50
Y65742		0.13	<10	<10	29	30	67
Y65743		0.12	<10	<10	43	20	107
Y65744		0.13	<10	<10	32	60	74
Y65745		0.11	<10	<10	31	6750	105
Y65746		0.11	<10	<10	42	110	168
Y65747		0.11	<10	<10	53	810	240
Y65748		0.13	<10	<10	38	260	40

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CERTIFICATE OF ANALYSIS TM11113868

Sample Description	Method	WEI-21	Au-AA26	PUL-QC	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Recvd Wt.	Au	Pass75um	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.01	0.01	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01
Y65749		3.05	2.59		2.7	6.17	<5	1540	2.5	2	2.34	<0.5	8	16	552	2.51
Y65750		2.83	4.68		3.9	7.32	<5	1760	3.3	2	1.97	<0.5	8	18	260	2.51
Y65751		3.10	1.26		2.3	6.37	<5	1280	1.4	<2	1.78	2.5	7	16	52	2.34
Y65752		2.89	1.93		2.9	7.45	<5	1220	2.1	<2	1.70	<0.5	9	15	53	2.73
Y65753		3.02	8.26		7.5	7.06	<5	1500	2.3	<2	1.81	<0.5	8	14	102	2.62
Y65754		2.99	4.84		5.1	7.53	7	1870	14.5	<2	1.67	<0.5	7	20	135	2.59
Y65755		2.76	4.37		4.2	6.67	<5	1500	8.0	<2	1.61	1.2	6	18	75	2.47
Y65756		3.64	3.25		4.6	6.98	<5	1780	5.6	<2	2.04	1.3	13	156	81	2.91
Y65757		2.99	3.73		4.1	7.20	<5	1940	9.7	<2	1.69	<0.5	7	21	204	2.62
Y65758		3.19	1.77		2.5	5.50	<5	1580	1.7	<2	2.03	1.2	5	14	106	1.89
Y65759		2.91	3.21		3.1	7.26	<5	2230	2.3	<2	1.98	<0.5	6	21	95	2.59
Y65760		3.04	5.38		5.1	6.45	<5	1910	1.6	<2	1.84	1.2	7	21	146	2.21
Y65761		0.11	1.33		0.5	7.65	5	140	3.2	<2	2.48	<0.5	22	66	26	5.85
Y65762		3.05	0.88		2.1	8.11	<5	2410	2.4	<2	1.37	<0.5	6	20	32	2.62
Y65763		2.88	3.63		3.2	7.53	9	1890	2.1	<2	1.26	<0.5	7	18	92	2.63
Y65764		2.99	4.53		4.2	7.52	9	2190	2.1	2	2.51	<0.5	9	20	210	2.89
Y65765		3.58	18.50		11.6	6.81	<5	1700	1.1	2	1.79	<0.5	6	19	44	2.17
Y65766		3.15	1.95		1.6	7.26	5	2330	1.8	<2	1.91	<0.5	7	21	57	2.63
Y65767		2.95	1.14		0.9	6.46	5	1600	1.5	3	3.19	0.6	8	17	36	2.37
Y65768		2.61	2.12		1.3	5.43	<5	630	1.1	3	1.80	<0.5	6	19	27	2.31
Y65769		3.44	3.38		3.3	6.92	<5	1550	1.3	<2	1.82	<0.5	6	18	51	2.36
Y65770		3.08	2.71		2.2	6.21	<5	1010	1.4	<2	1.61	<0.5	7	18	26	2.53
Y65771		3.15	4.46		3.8	5.82	10	980	2.5	<2	2.98	<0.5	8	16	46	2.57
Y65772		2.84	2.54		2.0	6.60	<5	920	1.3	<2	2.04	<0.5	6	15	64	2.32
Y65773		2.45	6.20		4.6	7.51	5	1300	11.6	3	2.33	<0.5	8	18	80	2.62
Y65774		3.30	8.86		7.9	6.03	7	1730	1.7	14	2.64	<0.5	6	17	92	2.30
Y65775		3.06	1.50		1.3	4.57	6	2170	1.7	<2	2.03	<0.5	4	17	47	1.86
Y65776		2.75	2.82		2.6	4.74	<5	630	1.4	<2	2.14	<0.5	7	16	78	2.17
Y65777		3.12	0.68		<0.5	5.10	11	1830	1.8	<2	3.92	<0.5	6	16	38	1.77
Y65778		3.86	0.98		1.7	5.75	7	4180	2.9	<2	3.15	<0.5	7	19	81	2.15
Y65779		2.71	6.38		9.2	4.88	6	1830	2.2	<2	2.83	<0.5	7	16	61	2.01
Y65780		2.97	1.99		1.8	4.71	<5	1480	1.6	<2	2.04	1.5	5	19	135	1.82
Y65781		0.50	<0.01		<0.5	2.58	5	80	0.5	<2	36.8	<0.5	7	29	82	1.42
Y65782		2.62	1.03		1.8	4.49	<5	1680	1.4	<2	2.62	<0.5	5	15	88	1.71
Y65783		3.10	2.02		2.5	3.97	6	1480	1.4	<2	2.51	<0.5	5	18	42	1.52
Y65784		3.09	3.11		5.2	4.94	16	1560	1.8	2	4.02	<0.5	7	21	323	1.94
Y65785		2.98	1.25		1.2	4.88	16	1850	2.6	<2	3.86	<0.5	7	17	74	1.65
Y65786		3.11	3.16		4.0	4.22	8	1520	1.5	<2	2.66	<0.5	6	23	64	1.65
Y65787		3.07	1.94		2.1	4.71	6	1670	2.2	<2	3.06	<0.5	4	17	49	1.70

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To: **NORTHGATE MINERALS - YOUNG DAVIDSON MINE**
PO BOX 187
MATACHEWAN ON P0K 1M0

Finalized Date: 6-JUL-2011
Account: NORTEX

Project: 1916

CERTIFICATE OF ANALYSIS TM11113868

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Ga	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Te
	Units	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	10	0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	10
Y65749		20	4.50	50	0.56	471	7	2.02	11	1100	44	2.03	<5	3	835	<10
Y65750		20	5.39	60	0.69	461	<1	2.74	11	1100	39	1.88	<5	3	1025	10
Y65751		20	4.72	50	0.53	417	5	2.25	8	770	52	1.97	<5	3	1235	<10
Y65752		20	5.30	60	0.63	468	<1	3.02	10	840	42	2.30	<5	3	1750	<10
Y65753		20	4.87	60	0.50	454	3	2.80	9	1050	101	1.95	<5	3	1965	10
Y65754		20	4.63	60	0.61	472	8	3.05	12	810	31	2.03	<5	3	2120	10
Y65755		20	4.48	50	0.50	476	20	2.82	9	790	64	1.93	<5	3	2100	<10
Y65756		20	4.56	50	1.60	541	12	2.62	135	800	73	2.03	<5	4	1985	<10
Y65757		20	4.50	50	0.65	508	4	2.90	10	850	58	2.05	<5	3	2090	<10
Y65758		10	4.36	50	0.39	429	34	1.74	9	630	125	1.66	<5	3	1420	<10
Y65759		20	5.16	50	0.52	533	3	2.73	12	810	27	1.47	<5	4	1480	<10
Y65760		20	4.78	60	0.51	505	4	2.25	11	780	66	1.61	<5	3	1235	10
Y65761		20	3.38	20	1.77	476	<1	3.47	73	1130	63	3.22	<5	5	349	<10
Y65762		20	5.28	70	0.65	410	<1	3.47	13	810	29	0.43	<5	4	1555	10
Y65763		20	4.76	60	0.55	383	1	2.92	15	760	35	2.05	<5	4	1400	10
Y65764		20	6.20	50	0.70	784	129	2.70	17	1230	80	1.79	<5	5	995	10
Y65765		20	5.39	40	0.36	394	3	2.40	10	730	33	1.63	<5	4	894	20
Y65766		20	6.05	40	0.41	420	2	3.06	14	920	26	1.54	<5	4	915	<10
Y65767		20	5.65	30	0.63	631	18	2.59	16	990	49	1.70	<5	5	900	<10
Y65768		20	3.95	40	0.41	358	6	1.91	10	660	72	1.61	<5	4	2950	<10
Y65769		20	6.08	30	0.40	401	9	2.34	10	770	31	1.81	<5	4	660	<10
Y65770		20	5.22	30	0.42	358	2	2.42	10	890	23	1.71	<5	4	938	10
Y65771		20	5.51	30	0.59	665	140	2.40	14	760	38	1.92	<5	5	1080	10
Y65772		20	5.47	30	0.37	403	15	2.27	10	700	43	1.89	<5	4	1110	<10
Y65773		20	6.01	40	0.43	498	3	2.95	10	990	43	2.14	<5	5	1340	10
Y65774		20	4.55	40	0.42	484	25	2.34	10	730	102	1.73	<5	4	822	10
Y65775		20	3.94	40	0.15	259	3	2.75	13	790	17	1.27	<5	3	599	<10
Y65776		20	3.91	40	0.17	269	5	2.39	13	740	28	2.06	<5	3	717	<10
Y65777		20	4.58	60	0.30	389	4	2.66	12	720	15	0.59	<5	4	444	<10
Y65778		20	4.52	60	0.59	415	6	2.98	11	770	18	0.65	<5	4	621	<10
Y65779		20	4.04	40	0.36	380	13	2.38	10	700	24	1.44	<5	4	536	10
Y65780		20	4.47	50	0.20	265	9	1.93	7	610	69	1.25	<5	4	446	<10
Y65781		10	0.71	180	1.22	295	5	0.17	51	920	5	1.58	6	4	1920	<10
Y65782		20	4.49	40	0.14	306	4	2.38	6	700	13	1.72	<5	3	484	<10
Y65783		20	4.19	30	0.08	277	5	2.48	7	670	8	1.74	<5	3	516	<10
Y65784		20	3.94	40	0.16	388	5	2.51	13	700	19	1.75	<5	3	619	<10
Y65785		20	5.14	90	0.17	374	9	2.36	10	800	20	1.08	<5	4	384	<10
Y65786		20	4.26	40	0.07	251	4	2.37	9	590	25	1.28	<5	3	579	<10
Y65787		10	4.19	30	0.12	257	3	2.78	6	670	22	0.76	<5	3	1450	<10

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Finalized Date: 6-JUL-2011
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CERTIFICATE OF ANALYSIS TM11113868

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 Ti % 0.01	ME-ICP61 Tl ppm 10	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
Y65749		0.09	<10	<10	30	20	43
Y65750		0.11	<10	<10	47	50	56
Y65751		0.08	<10	<10	25	30	106
Y65752		0.09	<10	<10	32	240	47
Y65753		0.11	<10	<10	40	6630	49
Y65754		0.11	<10	<10	39	40	56
Y65755		0.11	<10	<10	37	100	74
Y65756		0.10	<10	<10	37	2580	82
Y65757		0.12	<10	<10	39	280	64
Y65758		0.05	<10	<10	18	7640	72
Y65759		0.09	<10	<10	63	50	47
Y65760		0.06	<10	<10	32	30	68
Y65761		0.56	<10	10	69	<10	55
Y65762		0.10	<10	<10	72	10	48
Y65763		0.08	<10	<10	51	1500	40
Y65764		0.09	<10	<10	64	20	58
Y65765		0.07	<10	<10	40	10	35
Y65766		0.10	<10	<10	53	80	43
Y65767		0.08	<10	<10	51	1570	61
Y65768		0.06	<10	<10	37	140	43
Y65769		0.08	<10	10	35	10	47
Y65770		0.08	<10	<10	43	10	56
Y65771		0.08	<10	<10	48	20	58
Y65772		0.06	<10	<10	21	1210	47
Y65773		0.07	<10	<10	35	350	45
Y65774		0.07	<10	<10	29	90	38
Y65775		0.09	<10	<10	51	40	16
Y65776		0.07	<10	<10	36	100	16
Y65777		0.08	<10	<10	61	20	25
Y65778		0.10	<10	<10	77	10	43
Y65779		0.08	<10	<10	49	10	26
Y65780		0.07	<10	<10	44	10	67
Y65781		0.14	<10	20	84	<10	359
Y65782		0.08	<10	<10	28	140	11
Y65783		0.08	<10	<10	26	100	4
Y65784		0.09	<10	<10	47	70	13
Y65785		0.10	<10	<10	49	30	13
Y65786		0.10	<10	<10	44	40	4
Y65787		0.10	<10	<10	53	1080	8