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

Date: 29-NOV-2010
Account: NORTEX

CERTIFICATE TM10169525

Project: 1916

P.O. No.: 10-110

This report is for 100 Drill Core samples submitted to our lab in Timmins, ON, Canada on 16-NOV-2010.

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

PARTIAL DATA REPORT

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

This is a Partial Data Report for the analytical results of the above mentioned methods. A final Certificate of Analysis will be available upon completion of all requested methods.

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PRELIMINARY CERTIFICATE OF ANALYSIS

TM10169525

PARTIAL DATA REPORT

Sample Description	Method	WEI-21	Au-AA26	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
	Analyte	Recvd Wt.	Au	Au Check	Pass75um	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu
	Units	kg	ppm	ppm	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1
Y19773		4.09	0.02		90.0											
Y19774		3.61	0.04			<0.5	6.22	6	880	4.2	<2	5.92	<0.5	26	353	41
Y19775		3.72	0.04			<0.5	6.59	6	1000	5.0	<2	4.86	<0.5	29	301	54
Y19776		3.71	0.02			<0.5	7.17	12	1510	5.5	2	5.61	<0.5	29	291	27
Y19777		2.16	0.03			<0.5	6.87	21	1540	5.2	3	4.70	<0.5	24	308	30
Y19778		4.54	0.03			<0.5	7.11	10	2290	3.3	<2	4.36	<0.5	14	72	15
Y19779		3.53	0.07			<0.5	7.45	13	2370	3.8	2	4.46	<0.5	25	87	44
Y19780		3.52	0.02			<0.5	7.21	5	1480	5.6	2	4.90	<0.5	24	391	15
Y19781		0.12	5.97			0.6	7.41	24	180	2.3	5	1.73	<0.5	14	50	25
Y19782		3.91	0.01			<0.5	6.50	12	920	5.1	<2	5.27	<0.5	23	327	25
Y19783		2.09	0.02			<0.5	6.56	14	760	4.4	2	5.84	<0.5	31	322	13
Y19784		3.79	0.02			<0.5	6.85	7	1470	2.5	<2	3.22	<0.5	15	125	6
Y19785		3.19	<0.01			<0.5	7.14	5	2390	2.4	<2	2.73	<0.5	8	81	11
Y19786		3.32	0.01			<0.5	6.76	<5	2220	3.6	<2	4.00	<0.5	10	133	45
Y19787		3.20	0.03			<0.5	6.69	<5	1170	5.7	4	6.11	<0.5	19	350	79
Y19788		3.92	0.08			<0.5	7.10	10	1360	6.7	3	5.56	<0.5	31	213	36
Y19789		3.53	0.01			<0.5	7.26	<5	1620	4.8	<2	4.43	<0.5	11	34	15
Y19790		3.63	0.03			<0.5	7.24	<5	1840	4.0	2	4.26	<0.5	13	28	25
Y19791		4.01	0.10			<0.5	7.08	5	2000	3.2	<2	3.86	<0.5	12	28	17
Y19792		3.72	0.01			<0.5	6.84	<5	2210	3.4	<2	4.32	<0.5	10	30	5
Y19793		4.11	0.09			<0.5	7.00	<5	1750	2.6	3	4.44	<0.5	13	32	6
Y19794		4.14	0.07			<0.5	6.68	<5	5730	2.9	2	5.19	<0.5	10	35	9
Y19795		3.01	0.02			<0.5	7.20	<5	2690	3.7	2	4.93	<0.5	12	52	8
Y19796		3.62	0.02			<0.5	6.64	<5	1480	4.2	<2	6.28	<0.5	16	72	5
Y19797		3.13	0.02			<0.5	5.25	6	460	5.0	2	8.06	<0.5	32	1520	134
Y19798		3.06	<0.01			<0.5	6.45	<5	2930	3.2	<2	3.17	<0.5	13	110	5
Y19799		3.26	0.02			<0.5	6.94	6	2040	2.9	<2	3.45	<0.5	14	77	4
Y19800		2.69	0.02			<0.5	5.67	<5	1530	2.9	<2	6.55	<0.5	11	25	11
Y19801		<0.02	0.02			<0.5	5.68	<5	1620	2.9	<2	6.56	<0.5	11	25	10
Y19802		3.66	0.02			<0.5	7.53	<5	1760	3.7	3	3.43	<0.5	14	55	43
Y19803		4.09	0.34			<0.5	6.46	<5	3520	4.0	2	3.70	<0.5	11	86	37
Y19804		3.11	0.25			<0.5	6.77	<5	1670	4.5	2	3.12	<0.5	11	40	26
Y19805		1.61	0.14			<0.5	7.05	<5	2410	1.4	3	3.33	<0.5	10	35	22
Y19806		3.60	0.26			<0.5	6.73	<5	670	1.4	<2	3.45	<0.5	13	33	23
Y19807		3.43	0.07			<0.5	6.82	<5	2090	1.3	4	3.89	<0.5	14	41	111
Y19808		3.01	0.34													
Y19809		4.34	0.47													
Y19810		3.70	0.26			0.5	6.13	5	1190	1.5	<2	3.98	<0.5	11	92	26
Y19811		3.57	0.53			<0.5	6.02	11	1150	2.1	<2	2.87	<0.5	11	90	35
Y19812		3.03	0.53		87.4	0.5	6.93	9	690	4.8	<2	3.13	<0.5	13	89	44

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Project: 1916

PRELIMINARY CERTIFICATE OF ANALYSIS TM10169525

Sample Description	Method Analyte Units LOR	

PARTIAL DATA REPORT

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PRELIMINARY CERTIFICATE OF ANALYSIS

TM10169525

PARTIAL DATA REPORT

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	Fe	Ga	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	%	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	10	0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1
Y19773																
Y19774		5.30	20	2.38	50	3.46	1760	<1	1.63	223	1670	12	0.07	5	17	610
Y19775		5.60	10	2.88	50	3.07	1655	<1	1.43	182	1800	12	0.21	6	17	608
Y19776		5.31	20	3.69	60	3.30	1805	<1	1.17	188	2140	14	0.66	<5	18	894
Y19777		5.35	20	3.58	50	3.10	1610	1	1.26	199	1950	17	1.03	<5	17	1010
Y19778		3.88	20	3.08	70	2.23	1265	<1	2.53	66	1770	14	0.57	<5	10	971
Y19779		4.73	20	3.09	80	2.45	1250	2	2.46	66	1740	12	1.24	<5	11	1100
Y19780		6.15	20	3.24	60	3.46	1115	<1	0.89	220	2060	8	0.13	6	19	814
Y19781		5.58	20	2.37	10	1.34	397	<1	3.97	51	1210	70	3.76	<5	5	265
Y19782		5.58	20	2.67	50	3.84	1265	<1	0.96	218	1720	8	0.07	<5	17	780
Y19783		6.20	20	2.10	60	4.20	1325	4	1.20	224	1820	7	0.16	<5	17	778
Y19784		3.18	20	2.81	40	1.73	689	1	2.78	57	1180	6	0.16	<5	8	582
Y19785		2.59	20	3.53	30	1.29	624	<1	3.13	27	1100	8	0.10	<5	6	741
Y19786		3.29	20	3.56	30	1.72	849	<1	2.22	62	1220	7	0.12	<5	8	838
Y19787		5.52	20	3.80	50	2.79	1285	<1	0.34	208	1840	6	0.11	<5	18	846
Y19788		5.81	20	4.09	60	2.17	1065	1	0.35	169	2270	10	0.71	<5	17	664
Y19789		3.37	20	4.51	50	1.83	1235	<1	1.78	34	1460	10	0.47	<5	10	802
Y19790		3.52	20	4.32	50	1.77	1345	<1	2.40	26	1350	14	0.46	<5	10	808
Y19791		3.21	20	4.20	50	1.46	1340	<1	2.71	24	1400	20	0.44	<5	9	666
Y19792		3.09	20	4.22	50	1.65	1220	<1	2.32	31	1470	11	0.22	<5	9	665
Y19793		3.10	20	3.15	40	1.80	1365	<1	3.46	29	1280	12	0.49	<5	8	743
Y19794		3.75	20	3.60	50	1.94	1495	<1	2.28	40	1140	12	0.50	<5	9	1250
Y19795		3.28	20	3.82	50	2.10	1320	<1	2.43	57	1330	11	0.30	<5	10	727
Y19796		3.52	20	3.51	60	2.71	1505	<1	1.72	176	1450	11	0.43	<5	10	639
Y19797		4.95	10	2.87	20	3.75	2120	1	0.50	861	330	13	0.21	5	26	653
Y19798		2.39	20	3.21	20	1.45	916	<1	2.80	86	1100	14	0.56	<5	6	892
Y19799		2.28	20	3.14	30	1.56	825	<1	3.09	51	1020	14	0.65	<5	7	818
Y19800		3.10	10	2.63	40	3.10	1190	1	2.10	47	1230	15	0.81	<5	7	1010
Y19801		2.94	10	2.64	40	3.10	1165	<1	2.10	47	1230	15	0.77	<5	7	1030
Y19802		3.30	20	3.78	60	1.60	1200	1	2.97	50	1590	12	0.47	<5	9	680
Y19803		2.90	20	6.65	60	1.68	892	<1	0.43	55	1720	16	0.74	<5	8	1740
Y19804		3.17	20	3.40	40	1.24	990	6	3.40	25	1350	20	1.50	<5	8	1070
Y19805		3.08	20	2.56	40	1.29	1285	2	4.47	14	1300	18	0.98	<5	8	793
Y19806		3.42	20	2.86	40	1.43	1315	26	3.63	25	1170	28	2.45	<5	7	1070
Y19807		3.23	20	1.91	40	1.33	1310	4	4.61	29	1210	19	1.49	<5	7	724
Y19808																
Y19809																
Y19810		3.03	20	4.50	60	0.96	517	1	1.72	67	1030	18	1.72	<5	7	2000
Y19811		2.65	10	3.71	60	1.29	664	1	2.32	59	1030	23	1.84	<5	6	1600
Y19812		3.34	20	4.58	60	1.44	677	1	2.73	69	1350	33	2.41	<5	7	1660

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PRELIMINARY CERTIFICATE OF ANALYSIS TM10169525

Sample Description	Method Analyte Units LOR	

PARTIAL DATA REPORT

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PARTIAL DATA REPORT

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 Te ppm 10	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
Y19773								
Y19774		<10	0.27	<10	<10	131	10	127
Y19775		<10	0.26	<10	<10	133	10	104
Y19776		<10	0.23	<10	<10	125	10	96
Y19777		<10	0.21	<10	<10	127	10	92
Y19778		<10	0.17	<10	<10	94	10	57
Y19779		<10	0.16	<10	<10	103	10	65
Y19780		<10	0.29	<10	<10	142	10	121
Y19781		<10	0.42	10	<10	52	<10	50
Y19782		<10	0.24	<10	<10	136	10	110
Y19783		<10	0.27	<10	<10	137	20	128
Y19784		<10	0.14	<10	<10	66	<10	59
Y19785		<10	0.12	<10	<10	56	<10	39
Y19786		<10	0.14	<10	<10	73	<10	41
Y19787		<10	0.25	<10	<10	139	<10	78
Y19788		<10	0.23	<10	<10	139	10	59
Y19789		<10	0.17	<10	<10	107	10	54
Y19790		<10	0.15	<10	<10	97	<10	54
Y19791		<10	0.16	<10	<10	90	<10	51
Y19792		<10	0.16	<10	<10	95	<10	44
Y19793		<10	0.14	<10	<10	89	<10	47
Y19794		<10	0.14	<10	<10	95	10	62
Y19795		<10	0.16	<10	<10	92	10	62
Y19796		<10	0.13	<10	<10	117	10	81
Y19797		<10	0.14	<10	<10	168	<10	202
Y19798		<10	0.12	<10	<10	59	<10	45
Y19799		<10	0.12	<10	<10	56	<10	41
Y19800		<10	0.10	<10	<10	97	10	70
Y19801		<10	0.10	<10	<10	97	<10	69
Y19802		<10	0.16	<10	<10	89	10	76
Y19803		<10	0.16	<10	<10	90	10	62
Y19804		<10	0.11	<10	<10	73	30	36
Y19805		<10	0.13	<10	<10	81	10	41
Y19806		<10	0.09	<10	<10	76	20	45
Y19807		<10	0.11	<10	<10	74	10	68
Y19808								
Y19809								
Y19810		<10	0.12	<10	<10	84	20	88
Y19811		<10	0.13	<10	<10	60	10	70
Y19812		<10	0.15	<10	<10	67	20	80

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Sample Description	Method Analyte Units LOR	

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PRELIMINARY CERTIFICATE OF ANALYSIS

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Sample Description	Method	WEI-21	Au-AA26	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
	Analyte	Recvd Wt.	Au	Au Check	Pass75um	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu
	Units	kg	ppm	ppm	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.01	0.01	0.01	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1
Y19813		2.56	0.50			<0.5	6.30	10	600	2.6	<2	3.02	<0.5	14	92	37
Y19814		4.19	0.37	0.38		0.6	6.78	8	700	2.3	<2	3.33	<0.5	12	89	20
Y19815		3.70	0.46	0.43		0.7	6.02	10	820	1.1	<2	3.53	0.6	13	71	8
Y19816		4.16	0.46	0.42		1.1	7.06	10	1110	2.6	<2	4.44	<0.5	16	151	16
Y19817		4.35	0.04			<0.5	4.16	13	340	4.7	<2	9.92	<0.5	59	1830	51
Y19818		3.49	0.01			<0.5	3.99	<5	310	4.4	<2	10.10	<0.5	58	1600	51
Y19819		2.43	0.04			<0.5	3.94	8	360	3.6	<2	9.98	<0.5	43	1460	59
Y19820		2.82	0.03			<0.5	3.82	13	390	4.4	<2	9.85	<0.5	48	1630	129
Y19821		0.12	1.34			0.5	8.04	23	170	3.3	2	2.57	<0.5	20	71	31
Y19822		3.63	0.11			0.5	6.89	13	380	1.5	<2	3.39	0.5	18	60	20
Y19823		3.07	0.18			0.5	6.58	9	400	1.1	2	2.66	0.6	16	31	19
Y19824		2.48	0.15			0.5	7.27	13	1620	3.4	<2	3.31	<0.5	11	46	19
Y19825		3.46	0.03			0.6	6.94	5	1840	7.8	<2	2.71	<0.5	12	89	13
Y19826		3.57	0.03			<0.5	3.34	10	1450	5.2	<2	9.16	<0.5	51	1200	76
Y19827		4.32	0.43			<0.5	6.37	5	2040	3.2	2	2.51	<0.5	10	102	191
Y19828		3.82	0.01			<0.5	7.30	7	1770	2.6	<2	2.01	<0.5	9	69	10
Y19829		4.01	0.02			<0.5	6.71	8	2550	2.0	<2	1.97	<0.5	8	75	15
Y19830		2.41	0.02			<0.5	6.76	11	2450	3.2	<2	3.93	<0.5	23	244	33
Y19831		4.16	0.02			<0.5	3.22	16	570	5.1	<2	8.20	<0.5	69	1210	37
Y19832		3.70	0.07			0.5	6.03	17	700	6.7	<2	5.98	<0.5	49	767	61
Y19833		2.80	0.07			<0.5	7.16	7	1080	6.3	<2	3.88	<0.5	26	285	112
Y19834		4.82	0.06			0.6	6.67	8	330	3.5	<2	3.81	<0.5	16	123	24
Y19835		3.60	0.02			<0.5	6.39	10	380	2.8	<2	3.64	<0.5	44	465	88
Y19836		4.25	0.04			<0.5	6.54	10	420	3.6	<2	4.07	<0.5	38	549	87
Y19837		2.63	0.27			<0.5	6.14	11	340	4.8	<2	6.24	<0.5	44	394	227
Y19838		2.88	0.04			<0.5	6.11	8	250	4.2	<2	6.03	<0.5	24	169	51
Y19839		4.33	0.02			0.6	6.81	<5	3360	4.7	<2	3.12	<0.5	9	24	3
Y19840		3.40	0.05			<0.5	6.24	9	540	3.2	<2	5.96	<0.5	32	218	104
Y19841		0.56	<0.01			<0.5	2.55	5	90	0.5	<2	40.0	<0.5	8	33	83
Y19842		3.92	0.10			<0.5	6.23	11	700	2.2	<2	4.44	<0.5	35	230	56
Y19843		4.10	0.08			<0.5	5.79	10	180	1.8	<2	5.39	<0.5	40	406	97
Y19844		4.08	0.31			<0.5	4.07	7	200	1.2	4	7.11	<0.5	60	872	316
Y19845		3.68	0.08			0.5	4.50	8	280	1.1	<2	6.76	<0.5	77	677	99
Y19846		4.54	0.05			<0.5	3.81	8	120	0.6	<2	6.63	<0.5	68	1495	52
Y19847		3.14	0.01			<0.5	6.31	18	180	1.3	<2	5.75	<0.5	48	475	66
Y19848		3.84	0.02			<0.5	6.07	12	70	1.2	<2	5.74	<0.5	45	506	41
Y19849		3.47	0.02			<0.5	4.56	8	160	0.6	<2	4.48	<0.5	61	1250	10
Y19850		4.62	0.02			<0.5	3.67	5	220	<0.5	<2	3.97	<0.5	71	1460	12
Y19851		3.68	0.12			<0.5	3.56	<5	1210	<0.5	<2	4.09	<0.5	67	1620	20
Y19852		3.60	<0.01		92.8	<0.5	3.48	<5	360	<0.5	<2	3.61	<0.5	72	1465	18

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PO BOX 187
MATACHEWAN ON P0K 1M0

Date: 29-NOV-2010
Account: NORTEX

Project: 1916

PRELIMINARY CERTIFICATE OF ANALYSIS TM10169525

Sample Description	Method Analyte Units LOR	

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PRELIMINARY CERTIFICATE OF ANALYSIS

TM10169525

PARTIAL DATA REPORT

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	Fe	Ga	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	%	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	10	0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1
Y19813		3.19	10	4.54	50	1.41	681	1	1.89	69	1350	34	2.46	5	7	1630
Y19814		3.29	10	4.86	60	1.37	718	1	2.01	66	1430	24	2.48	<5	7	1560
Y19815		3.22	20	4.08	60	1.56	863	5	2.35	71	1710	52	2.99	<5	7	2360
Y19816		3.41	20	4.73	70	1.26	747	1	2.17	154	1660	16	2.35	<5	8	1100
Y19817		6.65	<10	2.43	70	4.16	3090	1	0.33	1105	120	18	0.67	11	25	564
Y19818		5.36	<10	2.48	<10	4.19	2550	2	0.25	825	70	13	0.23	9	24	499
Y19819		6.24	<10	2.44	20	4.64	2670	1	0.06	714	90	10	0.40	9	24	583
Y19820		6.55	<10	2.38	100	4.61	2990	2	0.24	847	150	21	0.44	9	24	535
Y19821		6.21	20	3.50	10	1.91	515	1	3.61	80	1110	84	3.28	<5	6	338
Y19822		3.36	20	2.51	30	1.39	992	82	4.06	50	1190	30	2.55	<5	8	1040
Y19823		3.13	10	3.35	20	1.10	849	5	3.87	29	960	32	2.70	<5	5	1000
Y19824		3.70	20	4.84	90	1.49	1110	5	1.54	36	1510	32	1.59	<5	8	1190
Y19825		3.04	20	4.90	50	1.53	727	2	0.14	79	1340	10	0.54	<5	8	496
Y19826		4.97	<10	2.17	10	4.83	1560	8	0.17	707	110	18	0.90	6	19	1110
Y19827		2.47	20	3.21	30	1.20	600	2	3.29	54	820	12	0.31	<5	5	656
Y19828		2.08	20	3.26	30	0.95	532	3	3.68	27	760	9	0.30	<5	5	510
Y19829		2.29	20	3.30	30	0.89	536	3	3.53	27	660	10	0.29	<5	5	632
Y19830		3.14	10	2.32	40	2.20	848	4	3.14	248	700	11	0.50	8	7	778
Y19831		6.17	<10	1.37	40	8.83	1485	7	0.04	1090	90	38	0.51	6	19	903
Y19832		5.66	10	3.03	70	4.93	1280	13	0.59	579	1020	16	0.89	5	16	699
Y19833		4.72	10	4.03	60	2.28	906	25	1.08	147	1000	10	0.37	5	16	395
Y19834		3.51	10	1.79	140	1.86	828	5	3.05	60	1290	12	0.09	<5	10	430
Y19835		4.94	10	2.87	30	2.21	678	17	0.92	245	340	4	0.79	<5	19	310
Y19836		4.93	10	3.16	30	2.24	638	17	0.54	246	370	6	0.84	6	21	314
Y19837		5.16	10	3.28	40	2.90	952	20	0.30	153	1220	4	0.44	6	22	391
Y19838		5.03	10	2.62	30	3.16	973	1	1.55	74	1600	8	0.05	<5	22	420
Y19839		3.61	20	4.75	50	1.56	810	1	2.25	23	1300	19	0.13	<5	5	1390
Y19840		5.47	10	1.73	30	3.67	1130	5	3.02	91	1550	9	0.21	5	23	694
Y19841		1.48	<10	0.72	180	1.29	305	4	0.17	56	890	6	1.6	7	4	1960
Y19842		6.21	10	1.15	50	3.80	1010	7	3.86	98	1600	9	0.23	5	23	820
Y19843		6.30	10	1.34	40	5.35	1115	20	2.66	262	1320	11	0.14	<5	23	389
Y19844		6.39	<10	1.48	30	7.22	1510	94	0.67	617	740	21	0.06	8	19	378
Y19845		5.75	10	2.06	30	8.04	1475	17	1.01	768	990	14	0.06	8	19	406
Y19846		6.14	10	0.59	20	11.15	1400	4	0.07	1080	260	26	0.14	<5	22	627
Y19847		6.99	20	2.71	30	6.22	997	7	1.67	190	1570	19	0.35	<5	25	305
Y19848		6.90	10	2.16	30	6.11	974	3	1.63	241	1510	16	0.29	6	24	219
Y19849		6.42	10	0.18	20	11.85	922	1	0.03	845	770	19	0.10	<5	21	425
Y19850		6.37	10	0.03	10	14.35	1135	3	0.01	1230	180	12	0.46	5	21	552
Y19851		6.52	10	0.03	10	14.35	1010	<1	0.02	1280	90	13	1.07	5	21	1530
Y19852		5.77	10	0.07	10	14.75	1160	9	0.01	1220	80	7	0.42	5	21	677

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PRELIMINARY CERTIFICATE OF ANALYSIS TM10169525

Sample Description	Method Analyte Units LOR	

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PARTIAL DATA REPORT

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 Te ppm 10	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
Y19813		<10	0.13	<10	<10	107	20	83
Y19814		<10	0.12	<10	<10	107	10	68
Y19815		<10	0.08	<10	<10	68	20	79
Y19816		<10	0.13	<10	<10	124	20	60
Y19817		<10	0.12	<10	<10	153	10	191
Y19818		<10	0.12	<10	<10	141	20	173
Y19819		<10	0.12	<10	<10	134	20	122
Y19820		<10	0.11	<10	<10	138	10	164
Y19821		<10	0.59	<10	10	73	<10	57
Y19822		<10	0.09	<10	10	75	20	53
Y19823		<10	0.07	<10	10	43	20	51
Y19824		<10	0.12	<10	<10	96	10	55
Y19825		<10	0.16	<10	<10	78	10	49
Y19826		<10	0.08	<10	<10	194	10	87
Y19827		<10	0.09	<10	10	64	<10	26
Y19828		<10	0.07	<10	10	52	<10	22
Y19829		<10	0.07	<10	<10	53	<10	23
Y19830		<10	0.07	<10	<10	59	<10	49
Y19831		<10	0.08	<10	<10	109	<10	192
Y19832		<10	0.14	<10	<10	120	<10	116
Y19833		<10	0.20	<10	<10	128	20	62
Y19834		<10	0.12	<10	<10	69	10	40
Y19835		<10	0.16	<10	<10	142	10	53
Y19836		<10	0.19	<10	<10	154	<10	55
Y19837		<10	0.26	<10	<10	171	20	71
Y19838		<10	0.22	<10	<10	177	10	45
Y19839		<10	0.18	<10	<10	88	10	39
Y19840		<10	0.24	<10	<10	184	10	64
Y19841		<10	0.14	<10	20	94	<10	333
Y19842		<10	0.30	<10	10	179	<10	78
Y19843		<10	0.31	<10	10	171	<10	82
Y19844		<10	0.25	<10	<10	124	<10	98
Y19845		<10	0.31	<10	<10	128	<10	110
Y19846		<10	0.16	<10	<10	129	<10	100
Y19847		<10	0.49	<10	<10	175	<10	58
Y19848		<10	0.45	10	<10	168	<10	46
Y19849		<10	0.22	<10	<10	149	<10	65
Y19850		<10	0.04	<10	<10	121	<10	75
Y19851		<10	0.02	<10	<10	122	<10	77
Y19852		<10	0.03	<10	<10	117	<10	80

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PRELIMINARY CERTIFICATE OF ANALYSIS TM10169525

Sample Description	Method Analyte Units LOR	

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PRELIMINARY CERTIFICATE OF ANALYSIS

TM10169525

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	Au-AA26 Au Check 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
Y19853		3.72	0.02			<0.5	3.57	<5	980	<0.5	<2	4.43	<0.5	74	1595	2
Y19854		3.51	0.06			<0.5	3.96	<5	1450	0.7	<2	4.64	<0.5	78	1350	160
Y19855		3.92	<0.01			<0.5	3.80	6	900	<0.5	<2	4.60	<0.5	72	1715	116
Y19856		4.95	<0.01			<0.5	4.99	9	950	1.3	<2	4.22	<0.5	55	852	39
Y19857		3.67	0.01			<0.5	4.93	18	100	1.1	<2	7.93	<0.5	69	1465	74
Y19858		3.11	0.15			<0.5	4.06	17	50	1.0	<2	10.60	<0.5	80	1490	119
Y19859		3.29	0.02			<0.5	7.27	12	80	1.3	<2	6.19	<0.5	36	216	53
Y19860		4.01	0.03			<0.5	5.26	13	90	1.3	<2	8.56	<0.5	56	1050	52
Y19861		0.12	5.70			<0.5	7.31	24	160	2.3	<2	1.61	<0.5	13	51	27
Y19862		4.68	0.02			<0.5	5.27	7	1080	2.1	<2	6.59	<0.5	47	667	48
Y19863		3.12	0.14			<0.5	7.05	5	510	2.9	<2	5.63	<0.5	28	256	34
Y19864		3.81	0.07	0.12		<0.5	7.39	<5	660	3.2	<2	3.31	<0.5	18	159	36
Y19865		4.34	0.12	0.22		<0.5	7.78	8	1040	3.2	<2	3.96	<0.5	23	126	66
Y19866		3.14	0.25	0.35		<0.5	7.38	8	430	1.8	<2	2.89	<0.5	16	49	37
Y19867		3.67	0.24			<0.5	7.62	<5	1080	1.7	<2	2.49	<0.5	16	51	45
Y19868		2.49	0.06			<0.5	6.72	<5	540	1.8	<2	3.03	<0.5	15	74	49
Y19869		2.14	0.08			<0.5	7.56	7	600	1.9	<2	2.24	<0.5	16	47	33
Y19870		4.08	0.32			<0.5	4.18	15	600	2.7	<2	8.01	<0.5	60	1235	74
Y19871		1.77	0.72			0.5	3.64	17	110	1.5	<2	9.20	<0.5	109	1550	142
Y19872		4.31	0.85			<0.5	3.96	14	360	1.5	<2	10.35	<0.5	71	1115	144

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PRELIMINARY CERTIFICATE OF ANALYSIS

TM10169525

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	Fe	Ga	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	%	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	10	0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1
Y19853		5.93	10	0.04	10	14.50	1240	10	0.02	1190	90	10	0.59	<5	21	1180
Y19854		6.96	10	0.90	30	12.25	1090	15	0.21	948	780	14	0.64	<5	23	1830
Y19855		6.22	10	0.08	10	13.85	1310	7	0.02	1105	110	18	0.57	<5	24	1520
Y19856		6.20	10	1.94	30	10.05	1140	8	0.81	625	1170	16	0.43	<5	21	1440
Y19857		6.36	10	1.65	50	7.35	1920	41	1.31	934	690	43	1.03	<5	25	393
Y19858		6.76	10	0.72	30	5.98	2510	52	1.21	1315	140	46	2.22	<5	24	411
Y19859		5.17	20	1.00	60	3.56	1570	21	3.97	127	1830	17	0.94	<5	17	311
Y19860		5.82	10	0.79	40	5.67	2100	56	1.87	819	860	28	0.80	<5	23	421
Y19861		5.43	20	2.22	20	1.26	382	<1	3.78	54	1180	80	3.86	<5	5	272
Y19862		6.19	10	1.14	20	7.32	1490	4	1.26	504	1150	18	0.22	<5	24	1370
Y19863		4.98	20	1.59	50	3.27	1045	51	3.49	119	1450	17	2.46	<5	17	774
Y19864		3.57	20	1.24	70	2.23	761	137	4.74	64	1660	27	1.90	<5	12	752
Y19865		4.16	20	3.20	70	2.16	804	11	3.37	57	1720	20	1.77	5	12	682
Y19866		4.55	20	6.34	60	1.60	392	7	1.65	53	1610	24	3.44	<5	7	1080
Y19867		3.62	20	7.45	70	1.17	350	46	1.09	30	1590	28	2.29	5	8	1420
Y19868		3.35	20	3.50	80	1.88	872	31	2.92	54	1510	31	2.20	<5	9	2320
Y19869		3.52	20	6.29	40	0.98	349	8	2.17	33	1630	29	3.06	<5	7	1010
Y19870		6.92	10	2.18	20	7.88	1915	3	0.69	673	510	14	1.52	<5	23	723
Y19871		7.61	10	1.51	50	6.16	2040	3	0.34	1095	180	35	2.49	5	21	348
Y19872		6.81	10	1.38	110	6.19	2000	38	0.09	933	550	26	1.81	<5	21	449

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Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Te	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	10	0.01	10	10	1	10	2
Y19853		<10	0.03	<10	<10	118	<10	87
Y19854		<10	0.19	<10	<10	143	<10	97
Y19855		<10	0.11	<10	<10	132	<10	93
Y19856		<10	0.33	10	<10	148	<10	94
Y19857		<10	0.28	<10	<10	160	<10	166
Y19858		<10	0.12	<10	<10	136	10	166
Y19859		<10	0.20	<10	<10	151	<10	89
Y19860		<10	0.16	10	<10	154	<10	186
Y19861		<10	0.40	10	10	50	<10	52
Y19862		<10	0.29	<10	<10	170	<10	178
Y19863		<10	0.21	<10	<10	154	10	112
Y19864		<10	0.10	10	<10	116	<10	78
Y19865		<10	0.19	<10	<10	107	10	82
Y19866		<10	0.06	<10	<10	62	<10	86
Y19867		<10	0.09	<10	<10	70	10	60
Y19868		<10	0.09	<10	<10	59	10	58
Y19869		<10	0.08	<10	<10	64	10	51
Y19870		<10	0.23	10	<10	154	<10	189
Y19871		<10	0.16	<10	<10	125	50	196
Y19872		<10	0.17	<10	<10	131	<10	174

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