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: 30-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

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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 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
Y19773		4.09	0.02		90.0	<0.5	6.84	5	670	6.3	<2	5.87	<0.5	32	348	65
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			<0.5	6.78	<5	1320	2.0	<2	5.66	<0.5	12	31	15
Y19809		4.34	0.47			<0.5	7.27	8	720	2.1	<2	4.53	<0.5	13	61	23
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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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
Y19773		6.29	20	2.51	70	3.05	1345	4	0.73	211	2220	5	0.14	<5	18	500
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		3.14	20	3.16	70	1.13	1050	<1	2.65	54	1220	8	1.81	<5	7	604
Y19809		3.65	20	5.12	80	1.11	673	<1	1.81	67	1560	10	2.12	<5	8	1140
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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CERTIFICATE OF ANALYSIS TM10169525

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		<10	0.28	<10	<10	144	10	190
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		<10	0.09	<10	<10	88	10	54
Y19809		<10	0.13	<10	<10	92	10	78
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	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
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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To: **NORTHGATE MINERALS - YOUNG DAVIDSON MINE**
PO BOX 187
MATACHEWAN ON P0K 1M0

Finalized Date: 30-NOV-2010
Account: NORTEX

Project: 1916

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
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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PO BOX 187
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Finalized Date: 30-NOV-2010
Account: NORTEX

Project: 1916

CERTIFICATE OF ANALYSIS TM10169525

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
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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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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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