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: 9-JUN-2011
This copy reported on 16-JUN-2011
Account: NORTEX

CERTIFICATE TM11086180

Project: 1916

P.O. No.: 11-123

This report is for 21 Drill Core samples submitted to our lab in Timmins, ON, Canada on 17-MAY-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
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um

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

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

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

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: 9-JUN-2011
Account: NORTEX

Project: 1916

CERTIFICATE OF ANALYSIS TM11086180

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
Y25994		4.01	<0.01	91.3	<0.5	7.00	7	2170	4.2	<2	4.54	<0.5	14	99	73	3.60
Y25995		4.38	<0.01		<0.5	6.61	10	2470	4.2	<2	3.92	<0.5	11	102	24	2.82
Y25996		4.09	<0.01		<0.5	6.92	14	2590	3.9	<2	2.94	<0.5	13	111	11	3.29
Y25997		3.97	<0.01		<0.5	6.72	11	2540	3.8	<2	3.06	<0.5	12	98	39	3.37
Y25998		3.62	0.01		<0.5	6.73	8	2540	3.9	<2	3.96	<0.5	13	91	25	3.16
Y25999		3.13	0.01		<0.5	7.04	10	2770	3.9	<2	3.81	<0.5	13	80	25	3.46
Y26000		2.70	0.01		<0.5	6.80	12	1810	3.5	<2	3.52	<0.5	11	96	53	2.88
Y25993		3.89	0.02		<0.5	7.75	11	3030	3.6	<2	4.50	<0.5	13	57	43	3.40
Y20501		<0.02	0.02		<0.5	8.01	8	3080	3.6	<2	4.63	<0.5	13	61	50	3.56
Y20502		3.85	<0.01		<0.5	6.90	11	1550	3.6	<2	8.78	<0.5	12	30	13	3.62
Y20503		4.28	<0.01		<0.5	6.49	7	1940	3.4	<2	7.66	<0.5	11	31	27	2.93
Y20504		2.57	0.01		<0.5	6.47	10	1600	4.6	<2	7.43	<0.5	14	31	31	3.59
Y20505		3.79	0.06		<0.5	7.03	12	1910	4.6	<2	5.44	<0.5	12	52	29	3.48
Y20506		3.75	0.03		<0.5	7.49	10	3210	4.0	<2	4.36	<0.5	16	62	28	4.05
Y20507		3.58	0.02		<0.5	7.52	10	3750	5.4	<2	2.78	<0.5	17	95	12	4.82
Y20508		4.06	0.22		<0.5	7.38	11	4150	5.1	<2	2.44	<0.5	20	103	57	4.96
Y20509		4.15	0.40		<0.5	6.51	8	1220	2.2	<2	2.28	<0.5	10	54	26	3.33
Y20510		5.17	0.43		<0.5	7.11	12	3210	2.5	<2	3.30	<0.5	9	59	32	3.30
Y20511		3.62	0.21		<0.5	7.01	10	2460	2.2	<2	3.92	<0.5	9	53	17	3.13
Y20512		4.04	0.26		<0.5	6.95	12	1860	2.3	<2	3.44	<0.5	12	79	32	3.06
Y20513		4.22	0.10		<0.5	7.39	11	2930	3.1	<2	3.42	<0.5	11	68	29	3.38

Comments: ***Corrected copy with sample prefix changed from M to Y. Sample Y26001 changed to Y25993***

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: 9-JUN-2011
Account: NORTEX

Project: 1916

CERTIFICATE OF ANALYSIS TM11086180

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
Y25994		20	5.20	80	2.57	747	<1	1.23	65	1440	35	0.24	<5	9	1135	<10
Y25995		20	4.68	80	2.20	657	1	1.12	52	1850	54	0.19	5	7	1310	<10
Y25996		20	4.74	70	2.54	734	<1	0.96	65	1640	53	0.04	<5	7	1235	<10
Y25997		20	4.55	80	2.55	760	<1	0.57	65	2000	63	0.08	<5	8	1185	<10
Y25998		20	4.91	80	2.43	768	<1	0.62	54	1790	27	0.43	5	8	1090	<10
Y25999		20	5.02	80	2.54	855	12	1.24	48	2020	31	0.29	<5	8	1705	<10
Y26000		20	3.27	50	1.73	715	3	3.08	31	920	34	0.38	<5	7	1070	<10
Y25993		20	4.35	50	2.73	894	1	2.63	28	1190	74	0.88	<5	8	1635	<10
Y20501		20	4.57	60	2.68	917	1	2.75	30	1230	86	1.00	<5	8	1560	<10
Y20502		20	2.72	70	4.79	1370	1	2.21	30	1400	27	0.06	<5	8	1585	<10
Y20503		20	3.20	60	3.35	1230	1	1.81	27	1260	96	0.13	<5	7	1495	<10
Y20504		20	3.09	70	3.53	1255	2	1.75	25	1450	61	0.52	6	8	1265	<10
Y20505		20	3.59	60	3.07	1100	4	1.88	32	1200	76	0.48	<5	8	1020	<10
Y20506		20	3.84	90	2.65	1095	1	2.56	42	1930	59	0.41	<5	11	1405	<10
Y20507		20	4.56	70	2.86	1150	<1	2.42	57	1930	45	0.22	5	12	1405	<10
Y20508		20	4.18	70	2.68	1080	1	2.70	65	1910	56	0.66	5	13	1730	<10
Y20509		20	3.11	60	2.07	781	<1	3.25	30	1650	38	1.34	<5	7	2210	<10
Y20510		20	3.73	60	2.02	878	<1	3.12	23	1290	50	1.28	<5	7	1850	<10
Y20511		20	3.54	60	2.22	899	<1	2.88	28	1200	50	1.47	<5	8	1390	<10
Y20512		20	3.62	60	2.16	760	<1	2.92	42	1390	49	1.41	<5	8	907	<10
Y20513		20	3.87	70	2.25	838	1	3.34	33	1580	25	1.26	<5	8	1540	<10

Comments: ***Corrected copy with sample prefix changed from M to Y. Sample Y26001 changed to Y25993***

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: 9-JUN-2011
Account: NORTEX

Project: 1916

CERTIFICATE OF ANALYSIS TM11086180

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
Y25994		0.25	<10	<10	131	10	85
Y25995		0.22	<10	<10	98	10	78
Y25996		0.25	<10	<10	85	10	96
Y25997		0.25	<10	<10	95	20	103
Y25998		0.23	<10	<10	130	20	100
Y25999		0.24	<10	<10	98	20	130
Y26000		0.18	<10	<10	83	10	85
Y25993		0.21	<10	<10	104	10	110
Y20501		0.21	<10	<10	109	10	109
Y20502		0.18	<10	<10	120	10	152
Y20503		0.18	<10	<10	94	10	131
Y20504		0.19	<10	<10	109	10	141
Y20505		0.20	<10	<10	96	10	119
Y20506		0.27	<10	<10	111	10	123
Y20507		0.34	<10	<10	136	20	153
Y20508		0.35	<10	<10	125	20	145
Y20509		0.20	<10	<10	54	50	92
Y20510		0.20	<10	<10	77	20	111
Y20511		0.17	<10	<10	65	30	98
Y20512		0.18	<10	<10	85	20	87
Y20513		0.23	<10	<10	92	20	86

Comments: ***Corrected copy with sample prefix changed from M to Y. Sample Y26001 changed to Y25993***