ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **DETOUR GOLD CORPORATION**
86-2ND STREET PO BOX 1325
COCHRANE ON P0L 1C0

Finalized Date: 13-JUN-2016
This copy reported on
17-JAN-2018
Account: DETGLD

QC CERTIFICATE SD16080976

Project: DGEX-685

P.O. No.: DGC 4800002804

This report is for 38 Drill Core samples submitted to our lab in Sudbury, ON, Canada on 24-MAY-2016.

The following have access to data associated with this certificate:

APRIL COOMBS	ADREE DELAZZER	GUY MAC GILLIVRAY
KELLY MALCOLM	JEAN FRANCOIS METAIL	LARRY THON
JAMES TOLHURST	DETOUR GOLD WEBTRIEVE	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
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-22Y	Split Sample - Boyd Rotary Splitter
PUL-32	Pulverize 1000g to 85% < 75 um
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-ICP61	33 element four acid ICP-AES	ICP-AES

To: **DETOUR GOLD CORPORATION**
ATTN: FRANK KENDLE
86-2ND STREET PO BOX 1325
COCHRANE ON P0L 1C0

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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COCHRANE ON P0L 1C0

Finalized Date: 13-JUN-2016
Account: DETGLD

Project: DGEX-685

QC CERTIFICATE OF ANALYSIS SD16080976

Sample Description	Method / Analyte / Units / LOR	Au-AA24 Au g/t 0.005	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	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
STANDARDS																
BP-13		0.367														
BP-13		0.351														
BP-13		0.365														
Target Range - Lower Bound		0.332														
Upper Bound		0.384														
G909-4		7.51														
Target Range - Lower Bound		7.06														
Upper Bound		7.98														
GBM908-10			3.0	6.93	55	1120	1.4	<2	3.74	1.7	27	137	3470	5.47	20	2.05
Target Range - Lower Bound			1.9	6.40	44	930	<0.5	<2	3.36	0.6	22	125	3370	4.98	<10	1.87
Upper Bound			4.2	7.84	70	1280	2.5	5	4.12	2.8	30	155	3890	6.10	40	2.31
MRGeo08			4.6	7.16	33	1110	3.1	<2	2.62	2.1	20	93	603	3.88	20	3.07
Target Range - Lower Bound			3.2	6.64	21	920	2.2	<2	2.35	1.1	17	81	586	3.55	<10	2.79
Upper Bound			5.7	8.14	45	1270	4.5	5	2.90	3.4	23	102	676	4.37	40	3.43
OGGeo08			20.2	6.87	120	760	2.8	14	2.23	19.0	97	82	8380	5.41	20	2.91
Target Range - Lower Bound			17.7	6.07	102	700	1.8	6	1.98	16.2	86	78	7800	4.81	<10	2.59
Upper Bound			22.7	7.44	136	980	4.1	15	2.44	21.0	108	98	8980	5.91	40	3.19
OREAS-45b			<0.5	7.69	13	250	0.9	2	0.35	<0.5	85	813	507	17.20	30	0.31
Target Range - Lower Bound			<0.5	6.74	<5	200	<0.5	<2	0.30	<0.5	76	774	484	14.80	<10	0.26
Upper Bound			1.2	8.26	22	290	1.9	4	0.38	1.1	95	948	560	18.10	50	0.34
OxC129		0.201														
Target Range - Lower Bound		0.188														
Upper Bound		0.222														
OxJ111		2.14														
OxJ111		2.12														
Target Range - Lower Bound		2.03														
Upper Bound		2.30														
BLANKS																
BLANK		<0.005														
BLANK		<0.005														
BLANK		<0.005														
BLANK		<0.005														
Target Range - Lower Bound		<0.005														
Upper Bound		0.010														
BLANK			<0.5	<0.01	<5	<10	<0.5	<2	<0.01	<0.5	1	<1	<1	<0.01	<10	<0.01
BLANK			<0.5	<0.01	<5	<10	<0.5	<2	<0.01	<0.5	<1	1	<1	<0.01	<10	<0.01
Target Range - Lower Bound			<0.5	<0.01	<5	<10	<0.5	<2	<0.01	<0.5	<1	<1	<1	<0.01	<10	<0.01
Upper Bound			1.0	0.02	10	20	1.0	4	0.02	1.0	2	2	2	0.02	20	0.02

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86-2ND STREET PO BOX 1325
COCHRANE ON P0L 1C0

Finalized Date: 13-JUN-2016
Account: DETGLD

Project: DGEX-685

QC CERTIFICATE OF ANALYSIS SD16080976

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	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10
STANDARDS																
BP-13																
BP-13																
BP-13																
Target Range - Lower Bound																
Upper Bound																
G909-4																
Target Range - Lower Bound																
Upper Bound																
GBM908-10		50	1.82	773	60	2.14	2290	990	2030	0.36	<5	16	284	<20	0.64	<10
Target Range - Lower Bound		20	1.61	715	57	1.93	2030	880	1860	0.33	<5	14	260	<20	0.59	<10
Upper Bound		70	1.99	885	72	2.38	2480	1100	2280	0.43	12	20	320	60	0.74	20
MRGeo08		30	1.30	544	14	1.97	701	1030	1080	0.29	6	10	302	<20	0.48	<10
Target Range - Lower Bound		<10	1.17	497	12	1.76	621	930	969	0.27	<5	10	276	<20	0.44	<10
Upper Bound		60	1.45	619	18	2.18	761	1160	1190	0.35	15	15	340	60	0.56	20
OGGeo08		30	1.26	495	899	1.84	8770	850	7370	2.77	24	9	251	20	0.40	<10
Target Range - Lower Bound		<10	1.11	447	841	1.62	8000	760	6510	2.51	14	8	223	<20	0.35	<10
Upper Bound		60	1.38	557	1030	2.00	9770	950	7970	3.09	40	13	275	60	0.45	20
OREAS-45b		30	0.22	961	2	0.08	280	590	25	0.03	<5	51	37	<20	1.33	<10
Target Range - Lower Bound		<10	0.18	870	<1	0.06	251		21	<0.01	<5	45	30	<20	1.20	<10
Upper Bound		50	0.24	1075	4	0.10	309		31	0.05	11	58	39	50	1.48	20
OxC129																
Target Range - Lower Bound																
Upper Bound																
OxJ111																
OxJ111																
Target Range - Lower Bound																
Upper Bound																
BLANKS																
BLANK																
BLANK																
BLANK																
BLANK																
Target Range - Lower Bound																
Upper Bound																
BLANK		<10	<0.01	<5	<1	<0.01	1	<10	<2	<0.01	<5	<1	<1	<20	<0.01	<10
BLANK		<10	<0.01	<5	<1	<0.01	<1	10	<2	<0.01	<5	<1	<1	<20	<0.01	<10
Target Range - Lower Bound		<10	<0.01	<5	<1	<0.01	<1	<10	<2	<0.01	<5	<1	<1	<20	<0.01	<10
Upper Bound		20	0.02	10	2	0.02	2	20	4	0.02	10	2	2	40	0.02	20

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COCHRANE ON P0L 1C0

Finalized Date: 13-JUN-2016
Account: DETGLD

Project: DGEX-685

QC CERTIFICATE OF ANALYSIS SD16080976

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
STANDARDS					
BP-13					
BP-13					
BP-13					
Target Range - Lower Bound					
Upper Bound					
G909-4					
Target Range - Lower Bound					
Upper Bound					
GBM908-10		<10	138	<10	1045
Target Range - Lower Bound		<10	123	<10	939
Upper Bound		20	153	20	1155
MRGeo08		<10	109	<10	787
Target Range - Lower Bound		<10	97	<10	722
Upper Bound		30	121	30	886
OGGeo08		<10	87	<10	7060
Target Range - Lower Bound		<10	77	<10	6500
Upper Bound		30	97	30	7950
OREAS-45b		<10	257	<10	196
Target Range - Lower Bound		<10	225	<10	174
Upper Bound		20	277	20	218
OxC129					
Target Range - Lower Bound					
Upper Bound					
OxJ111					
OxJ111					
Target Range - Lower Bound					
Upper Bound					
BLANKS					
BLANK					
BLANK					
BLANK					
BLANK					
Target Range - Lower Bound					
Upper Bound					
BLANK		<10	<1	<10	<2
BLANK		<10	<1	<10	<2
Target Range - Lower Bound		<10	<1	<10	<2
Upper Bound		20	2	20	4

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QC CERTIFICATE OF ANALYSIS SD16080976

Sample Description	Method / Analyte / Units / LOR	Au-AA24 Au g/t 0.005	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	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
DUPLICATES																
ORIGINAL		0.105														
DUP		0.110														
Target Range - Lower Bound		0.097														
Upper Bound		0.118														
ORIGINAL		0.040														
DUP		0.039														
Target Range - Lower Bound		0.033														
Upper Bound		0.046														
ORIGINAL		0.088														
DUP		0.103														
Target Range - Lower Bound		0.086														
Upper Bound		0.105														
ORIGINAL		0.014														
DUP		0.011														
Target Range - Lower Bound		0.007														
Upper Bound		0.018														
ORIGINAL		0.007														
DUP		0.005														
Target Range - Lower Bound		<0.005														
Upper Bound		0.010														
D1240712		<0.005														
DUP		<0.005														
Target Range - Lower Bound		<0.005														
Upper Bound		0.010														
D1250009		0.038														
DUP		0.022														
Target Range - Lower Bound		0.024														
Upper Bound		0.037														
D1250029		0.055														
DUP		0.067														
Target Range - Lower Bound		0.053														
Upper Bound		0.069														

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Sample Description	Method / Analyte / Units / LOR	ME-ICP61 La ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20	ME-ICP61 Ti % 0.01	ME-ICP61 Tl ppm 10
		DUPLICATES														
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
D1240712																
DUP																
Target Range - Lower Bound																
Upper Bound																
D1250009																
DUP																
Target Range - Lower Bound																
Upper Bound																
D1250029																
DUP																
Target Range - Lower Bound																
Upper Bound																

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Sample Description	Method / Analyte / Units / LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
		DUPLICATES			
ORIGINAL					
DUP					
Target Range - Lower Bound					
Upper Bound					
ORIGINAL					
DUP					
Target Range - Lower Bound					
Upper Bound					
ORIGINAL					
DUP					
Target Range - Lower Bound					
Upper Bound					
ORIGINAL					
DUP					
Target Range - Lower Bound					
Upper Bound					
ORIGINAL					
DUP					
Target Range - Lower Bound					
Upper Bound					
D1240712					
DUP					
Target Range - Lower Bound					
Upper Bound					
D1250009					
DUP					
Target Range - Lower Bound					
Upper Bound					
D1250029					
DUP					
Target Range - Lower Bound					
Upper Bound					

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QC CERTIFICATE OF ANALYSIS SD16080976

Sample Description	Method / Analyte / Units / LOR	Au-AA24 Au g/t 0.005	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	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01
DUPLICATES																
D1250036			<0.5	8.27	<5	370	0.7	<2	4.25	<0.5	33	155	72	6.53	20	1.13
DUP			<0.5	7.92	<5	350	0.6	<2	4.09	<0.5	32	153	66	6.21	20	1.08
Target Range - Lower Bound			<0.5	7.68	<5	320	<0.5	<2	3.95	<0.5	30	145	66	6.04	<10	1.04
Upper Bound			1.0	8.51	10	400	1.0	4	4.39	1.0	35	163	72	6.70	30	1.17
D1250139		<0.005														
DUP		<0.005														
Target Range - Lower Bound		<0.005														
Upper Bound		0.010														
D1250272			<0.5	6.93	<5	470	0.8	<2	3.78	<0.5	22	452	8	3.71	20	1.30
DUP			<0.5	6.65	<5	450	0.8	<2	3.66	<0.5	23	441	23	3.58	20	1.26
Target Range - Lower Bound			<0.5	6.44	<5	420	<0.5	<2	3.52	<0.5	20	423	14	3.45	<10	1.21
Upper Bound			1.0	7.14	10	500	1.0	4	3.92	1.0	25	470	17	3.84	30	1.35
D1251150		<0.005														
DUP		<0.005														
Target Range - Lower Bound		<0.005														
Upper Bound		0.010														

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QC CERTIFICATE OF ANALYSIS SD16080976

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 La ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20	ME-ICP61 Ti % 0.01	ME-ICP61 Tl ppm 10
		DUPLICATES														
D1250036		10	1.77	1300	<1	1.92	80	620	<2	0.29	<5	23	210	<20	0.56	<10
DUP		10	1.69	1245	<1	1.83	77	580	<2	0.27	<5	22	201	<20	0.53	<10
Target Range -	Lower Bound	<10	1.63	1205	<1	1.77	74	560	<2	0.26	<5	20	194	<20	0.51	<10
	Upper Bound	20	1.83	1340	2	1.98	83	640	4	0.30	10	25	217	40	0.58	20
D1250139																
DUP																
Target Range -	Lower Bound															
	Upper Bound															
D1250272		10	3.13	650	<1	2.29	111	570	4	0.03	<5	12	446	<20	0.17	<10
DUP		10	3.00	633	<1	2.20	109	560	5	0.03	<5	12	428	<20	0.16	<10
Target Range -	Lower Bound	<10	2.90	604	<1	2.12	104	530	<2	0.02	<5	10	414	<20	0.15	<10
	Upper Bound	20	3.23	679	2	2.37	117	600	7	0.04	10	14	460	40	0.18	20
D1251150																
DUP																
Target Range -	Lower Bound															
	Upper Bound															

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Sample Description	Method Analyte Units LOR	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
		DUPLICATES			
D1250036		<10	173	<10	99
DUP		<10	165	<10	98
Target Range - Lower Bound		<10	160	<10	92
Upper Bound		20	178	20	105
D1250139					
DUP					
Target Range - Lower Bound					
Upper Bound					
D1250272		<10	90	<10	64
DUP		<10	87	<10	62
Target Range - Lower Bound		<10	83	<10	58
Upper Bound		20	94	20	68
D1251150					
DUP					
Target Range - Lower Bound					
Upper Bound					

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QC CERTIFICATE OF ANALYSIS SD16080976

CERTIFICATE COMMENTS

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-22	LOG-24
	PUL-32	PUL-QC	SPL-22Y	WEI-21

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

Applies to Method:	Au-AA24	ME-ICP61