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: 18-JUN-2016
This copy reported on
17-JAN-2018
Account: DETGLD

QC CERTIFICATE SD16080962

Project: DGEX-683

P.O. No.: DGC 4800002804

This report is for 39 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: 18-JUN-2016
Account: DETGLD

Project: DGEX-683

QC CERTIFICATE OF ANALYSIS SD16080962

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																
G909-4		7.51														
G909-4		7.69														
Target Range - Lower Bound		7.06														
Upper Bound		7.98														
GBM908-10			3.0	7.20	53	1150	1.4	<2	3.85	1.9	26	137	3590	5.59	20	2.12
GBM908-10			3.4	7.34	59	1130	1.4	6	3.90	1.7	24	140	3580	5.58	20	2.09
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			4.9	7.87	36	1210	3.4	<2	2.85	2.3	21	97	652	4.24	20	3.35
MRGeo08			4.7	7.58	32	1080	3.1	<2	2.65	2.4	19	92	602	3.81	20	3.04
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														
OxC129		0.202														
Target Range - Lower Bound		0.188														
Upper Bound		0.222														
BLANKS																
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
BLANK			<0.5	<0.01	<5	<10	<0.5	<2	<0.01	<0.5	<1	<1	2	<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: 18-JUN-2016
Account: DETGLD

Project: DGEX-683

QC CERTIFICATE OF ANALYSIS SD16080962

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
STANDARDS																
G909-4																
G909-4																
Target Range - Lower Bound																
Upper Bound																
GBM908-10		50	1.84	792	65	2.17	2300	1030	2090	0.37	<5	17	295	20	0.65	<10
GBM908-10		50	1.85	819	57	2.19	2270	1050	2080	0.39	<5	18	301	20	0.67	<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	1.43	593	15	2.13	754	1120	1170	0.32	7	11	329	20	0.53	<10
MRGeo08		30	1.32	557	15	1.94	678	1080	1060	0.31	8	11	307	20	0.49	<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																
OxC129																
Target Range - Lower Bound																
Upper Bound																
BLANKS																
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
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: 18-JUN-2016
Account: DETGLD

Project: DGEX-683

QC CERTIFICATE OF ANALYSIS SD16080962

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					
G909-4					
G909-4					
Target Range - Lower Bound					
Upper Bound					
GBM908-10		<10	139	<10	1060
GBM908-10		<10	143	<10	1090
Target Range - Lower Bound		<10	123	<10	939
Upper Bound		20	153	20	1155
MRGeo08		<10	116	<10	860
MRGeo08		<10	109	<10	812
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					
OxC129					
Target Range - Lower Bound					
Upper Bound					
BLANKS					
BLANK					
BLANK					
Target Range - Lower Bound					
Upper Bound					
BLANK		<10	<1	<10	<2
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 SD16080962

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		0.281														
DUP		0.298														
Target Range - Lower Bound		0.270														
Upper Bound		0.309														
ORIGINAL		0.137														
DUP		0.134														
Target Range - Lower Bound		0.124														
Upper Bound		0.147														
ORIGINAL		0.072														
DUP		0.074														
Target Range - Lower Bound		0.064														
Upper Bound		0.082														
D1240712		<0.005														
DUP		<0.005														
Target Range - Lower Bound		<0.005														
Upper Bound		0.010														
D1240721			<0.5	4.26	<5	540	0.7	<2	15.80	<0.5	6	28	12	1.74	10	2.32
DUP			<0.5	4.49	<5	570	0.8	<2	16.60	<0.5	6	31	12	1.83	10	2.44
Target Range - Lower Bound			<0.5	4.15	<5	500	<0.5	<2	15.40	<0.5	5	27	11	1.69	<10	2.25
Upper Bound			1.0	4.60	10	610	1.0	4	17.00	1.0	7	32	13	1.88	20	2.51
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														
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

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Project: DGEX-683

QC CERTIFICATE OF ANALYSIS SD16080962

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																
D1240712																
DUP																
Target Range - Lower Bound																
Upper Bound																
D1240721		30	0.77	840	<1	0.87	16	3420	12	0.25	<5	7	389	<20	0.25	<10
DUP		40	0.82	888	<1	0.92	19	3670	12	0.27	8	7	412	<20	0.26	<10
Target Range - Lower Bound		20	0.75	816	<1	0.84	16	3360	9	0.24	<5	6	379	<20	0.23	<10
Upper Bound		50	0.84	912	2	0.95	19	3730	15	0.28	10	8	422	40	0.28	20
D1250009																
DUP																
Target Range - Lower Bound																
Upper Bound																
D1250029																
DUP																
Target Range - Lower Bound																
Upper Bound																
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

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QC CERTIFICATE OF ANALYSIS SD16080962

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					
D1240712					
DUP					
Target Range - Lower Bound					
Upper Bound					
D1240721		<10	29	<10	23
DUP		<10	30	<10	27
Target Range - Lower Bound		<10	27	<10	22
Upper Bound		20	32	20	28
D1250009					
DUP					
Target Range - Lower Bound					
Upper Bound					
D1250029					
DUP					
Target Range - Lower Bound					
Upper Bound					
D1250036		<10	173	<10	99
DUP		<10	165	<10	98
Target Range - Lower Bound		<10	160	<10	92
Upper Bound		20	178	20	105

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QC CERTIFICATE OF ANALYSIS SD16080962

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			>100	5.59	8	200	0.5	<2	0.30	19.8	3	38	99	1.86	20	0.77
DUP			>100	5.40	5	190	0.6	<2	0.29	20.4	3	20	108	1.81	20	0.76
Target Range - Lower Bound			94.5	5.21	<5	170	<0.5	<2	0.27	18.6	2	27	99	1.73	<10	0.72
Upper Bound			100.0	5.78	10	220	1.0	4	0.32	21.6	4	31	108	1.94	30	0.81

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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		30	0.07	335	2	4.27	3	40	87	1.52	14	1	74	<20	0.05	<10
DUP		30	0.07	339	2	4.17	3	40	83	1.39	16	1	74	<20	0.05	<10
Target Range - Lower Bound		20	0.06	315	<1	4.00	2	30	79	1.37	9	<1	69	<20	0.04	<10
Upper Bound		40	0.08	359	3	4.44	4	50	91	1.54	21	2	79	40	0.06	20

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QC CERTIFICATE OF ANALYSIS SD16080962

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		10	1	<10	2010
DUP		10	1	<10	2040
Target Range - Lower Bound		<10	<1	<10	1920
Upper Bound		20	2	20	2130

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QC CERTIFICATE OF ANALYSIS SD16080962

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