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: 31-MAY-2016
This copy reported on
17-JAN-2018
Account: DETGLD

QC CERTIFICATE SD16073818

Project: DGEX-612

P.O. No.: DGC 4800002804

This report is for 27 Drill Core samples submitted to our lab in Sudbury, ON, Canada on 11-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
Au-GRA22	Au 50 g FA-GRAV finish	WST-SIM

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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Finalized Date: 31-MAY-2016
Account: DETGLD

Project: DGEX-612

QC CERTIFICATE OF ANALYSIS SD16073818

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		0.353														
Target Range - Lower Bound		0.332														
Upper Bound		0.384														
G909-3																
Target Range - Lower Bound																
Upper Bound																
GBM908-10			3.0	7.39	59	1160	1.5	2	4.07	2.0	27	142	3780	5.70	20	2.19
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			4.7	7.74	34	1130	3.3	<2	2.80	2.2	20	95	641	4.03	20	3.30
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			20.0	6.72	113	780	2.8	11	2.24	18.7	95	82	8310	5.31	20	2.92
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 216		6.46														
Target Range - Lower Bound		6.26														
Upper Bound		7.06														
OREAS-45b			<0.5	7.41	9	240	0.9	<2	0.34	<0.5	82	792	497	16.45	20	0.30
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		0.203														
Target Range - Lower Bound		0.188														
Upper Bound		0.222														
OxJ111		2.13														
Target Range - Lower Bound		2.03														
Upper Bound		2.30														
OxJ111																
Target Range - Lower Bound																
Upper Bound																

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Account: DETGLD

Project: DGEX-612

QC CERTIFICATE OF ANALYSIS SD16073818

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																
BP-13																
Target Range - Lower Bound																
Upper Bound																
G909-3																
Target Range - Lower Bound																
Upper Bound																
GBM908-10		50	1.92	841	63	2.20	2360	1070	2140	0.39	<5	18	306	20	0.69	<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	1.38	577	15	2.00	718	1110	1115	0.32	7	12	319	20	0.51	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	1.24	501	894	1.82	8760	850	7340	2.79	26	9	255	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 216																
Target Range - Lower Bound																
Upper Bound																
OREAS-45b		20	0.21	942	2	0.08	272	570	23	0.03	<5	49	37	<20	1.35	<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																
Target Range - Lower Bound																
Upper Bound																
OxJ111																
Target Range - Lower Bound																
Upper Bound																

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COCHRANE ON P0L 1C0

Finalized Date: 31-MAY-2016
Account: DETGLD

Project: DGEX-612

QC CERTIFICATE OF ANALYSIS SD16073818

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	Au-GRA22 Au g/t 0.05
STANDARDS						
BP-13						
Target Range - Lower Bound						
Upper Bound						
G909-3						13.15
Target Range - Lower Bound						12.30
Upper Bound						14.00
GBM908-10		<10	147	<10	1140	
Target Range - Lower Bound		<10	123	<10	939	
Upper Bound		20	153	20	1155	
MRGeo08		10	113	10	848	
Target Range - Lower Bound		<10	97	<10	722	
Upper Bound		30	121	30	886	
OGGeo08		<10	86	<10	7180	
Target Range - Lower Bound		<10	77	<10	6500	
Upper Bound		30	97	30	7950	
OREAS 216						
Target Range - Lower Bound						
Upper Bound						
OREAS-45b		<10	247	<10	186	
Target Range - Lower Bound		<10	225	<10	174	
Upper Bound		20	277	20	218	
OxC129						
Target Range - Lower Bound						
Upper Bound						
OxJ111						
Target Range - Lower Bound						
Upper Bound						
OxJ111						2.15
Target Range - Lower Bound						1.99
Upper Bound						2.35

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Project: DGEX-612

QC CERTIFICATE OF ANALYSIS SD16073818

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
BLANKS																
BLANK		<0.005														
BLANK		<0.005														
Target Range - Lower Bound		<0.005														
Upper Bound		0.010														
BLANK																
Target Range - Lower Bound																
Upper Bound																
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
DUPLICATES																
ORIGINAL		0.013														
DUP		0.014														
Target Range - Lower Bound		0.008														
Upper Bound		0.019														
ORIGINAL			0.5	6.82	7	900	1.4	<2	2.77	<0.5	6	9	2	2.50	20	2.17
DUP			<0.5	6.84	5	920	1.4	<2	2.84	<0.5	7	10	2	2.53	20	2.19
Target Range - Lower Bound			<0.5	6.48	<5	830	0.8	<2	2.65	<0.5	5	8	<1	2.38	<10	2.06
Upper Bound			1.0	7.18	10	990	2.0	4	2.96	1.0	8	11	3	2.65	30	2.30
ORIGINAL		0.118														
DUP		0.072														
Target Range - Lower Bound		0.085														
Upper Bound		0.105														
ORIGINAL		<0.005														
DUP		0.009														
Target Range - Lower Bound		<0.005														
Upper Bound		0.010														
D1233259			<0.5	7.91	<5	440	0.7	<2	4.26	<0.5	18	109	1	3.21	20	0.51
DUP			<0.5	7.39	<5	440	0.7	<2	4.23	<0.5	18	113	15	3.20	20	0.50
Target Range - Lower Bound			<0.5	7.26	<5	400	<0.5	<2	4.02	<0.5	16	104	7	3.03	<10	0.47
Upper Bound			1.0	8.04	10	480	1.0	4	4.47	1.0	20	118	9	3.38	30	0.54

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BLANKS																
BLANK																
BLANK																
Target Range - Lower Bound																
Upper Bound																
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
DUPLICATES																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL		20	0.74	845	1	2.06	3	700	11	0.07	<5	6	164	<20	0.31	<10
DUP		20	0.75	862	<1	2.07	3	720	10	0.07	6	6	165	<20	0.31	<10
Target Range - Lower Bound		<10	0.70	806	<1	1.95	2	660	8	0.06	<5	5	155	<20	0.28	<10
Upper Bound		30	0.79	901	2	2.18	4	760	13	0.08	10	7	174	40	0.34	20
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
D1233259		10	2.17	481	<1	4.12	62	580	<2	0.44	<5	9	656	<20	0.23	<10
DUP		10	2.16	480	1	4.13	78	570	7	0.45	5	9	644	<20	0.23	<10
Target Range - Lower Bound		<10	2.05	451	<1	3.91	66	540	<2	0.41	<5	8	617	<20	0.21	<10
Upper Bound		20	2.28	510	2	4.34	75	610	7	0.48	10	10	684	40	0.25	20

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Finalized Date: 31-MAY-2016
Account: DETGLD

Project: DGEX-612

QC CERTIFICATE OF ANALYSIS SD16073818

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	Au-GRA22 Au g/t 0.05
BLANKS						
BLANK						
BLANK						
Target Range - Lower Bound						
Upper Bound						
BLANK						<0.05
Target Range - Lower Bound						<0.05
Upper Bound						0.10
BLANK		<10	<1	<10	<2	
BLANK		<10	<1	<10	<2	
Target Range - Lower Bound		<10	<1	<10	<2	
Upper Bound		20	2	20	4	
DUPLICATES						
ORIGINAL						
DUP						
Target Range - Lower Bound						
Upper Bound						
ORIGINAL		<10	55	<10	72	
DUP		<10	56	<10	75	
Target Range - Lower Bound		<10	52	<10	68	
Upper Bound		20	59	20	79	
ORIGINAL						
DUP						
Target Range - Lower Bound						
Upper Bound						
ORIGINAL						
DUP						
Target Range - Lower Bound						
Upper Bound						
D1233259		<10	72	<10	39	
DUP		<10	72	<10	48	
Target Range - Lower Bound		<10	67	<10	39	
Upper Bound		20	77	20	48	

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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														
D1254743		<0.005														
DUP		<0.005														
Target Range - Lower Bound		<0.005														
Upper Bound		0.010														
D1254752																
DUP																
Target Range - Lower Bound																
Upper Bound																
D1254763		<0.005														
DUP		<0.005														
Target Range - Lower Bound		<0.005														
Upper Bound		0.010														
D1254783		0.006														
DUP		0.006														
Target Range - Lower Bound		<0.005														
Upper Bound		0.010														

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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														
D1254743	DUP															
Target Range - Lower Bound																
Upper Bound																
D1254752	DUP															
Target Range - Lower Bound																
Upper Bound																
D1254763	DUP															
Target Range - Lower Bound																
Upper Bound																
D1254783	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	Au-GRA22 Au g/t 0.05
		DUPLICATES				
D1254743 DUP Target Range - Lower Bound Upper Bound						
D1254752 DUP Target Range - Lower Bound Upper Bound						7.90 3.78 5.50 6.18
D1254763 DUP Target Range - Lower Bound Upper Bound						
D1254783 DUP Target Range - Lower Bound Upper Bound						

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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	Au-GRA22	ME-ICP61