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

QC CERTIFICATE SD16086400

Project: DGEX-537

P.O. No.: DGC 4800002804

This report is for 160 Drill Core samples submitted to our lab in Sudbury, ON, Canada on 30-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
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
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: 6-JUN-2016
Account: DETGLD

Project: DGEX-537

QC CERTIFICATE OF ANALYSIS SD16086400

Sample Description	Method / Analyte / Units / LOR	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	ME-ICP61 La ppm 10
STANDARDS																
GBM908-10		2.9	6.99	58	1100	1.4	5	3.79	1.8	24	140	3590	5.54	20	2.10	50
GBM908-10		3.0	7.02	51	1100	1.4	6	3.78	1.8	25	136	3580	5.49	20	2.09	50
GBM908-10		3.0	7.16	57	1110	1.4	6	3.79	1.8	23	146	3670	5.51	20	2.08	50
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	20
	Upper Bound	4.2	7.84	70	1280	2.5	5	4.12	2.8	30	155	3890	6.10	40	2.31	70
MRGeo08		4.4	7.17	32	1090	3.2	<2	2.67	2.0	18	97	635	3.99	20	3.12	30
MRGeo08		4.4	7.37	32	1080	3.1	<2	2.61	2.2	19	92	618	3.90	20	3.05	30
MRGeo08		4.6	7.45	34	1100	3.2	<2	2.66	2.3	18	97	642	3.92	20	3.12	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	<10
	Upper Bound	5.7	8.14	45	1270	4.5	5	2.90	3.4	23	102	676	4.37	40	3.43	60
OGGeo08		20.2	6.79	115	780	2.8	10	2.22	19.1	96	87	8290	5.39	20	2.90	30
OGGeo08		20.0	6.61	114	890	2.8	12	2.16	18.7	93	86	8310	5.22	20	2.82	30
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	<10
	Upper Bound	22.7	7.44	136	980	4.1	15	2.44	21.0	108	98	8980	5.91	40	3.19	60
OREAS-45b		<0.5	7.31	11	230	0.8	7	0.34	<0.5	79	783	489	16.15	30	0.29	30
OREAS-45b		<0.5	7.22	8	230	0.8	4	0.33	<0.5	79	807	494	15.90	30	0.28	20
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	<10
	Upper Bound	1.2	8.26	22	290	1.9	4	0.38	1.1	95	948	560	18.10	50	0.34	50
BLANKS																
BLANK		<0.5	<0.01	<5	<10	<0.5	<2	<0.01	<0.5	<1	<1	<1	<0.01	<10	<0.01	<10
BLANK		<0.5	<0.01	<5	<10	<0.5	<2	<0.01	<0.5	<1	<1	<1	<0.01	<10	<0.01	<10
BLANK		<0.5	<0.01	<5	<10	<0.5	<2	<0.01	<0.5	<1	<1	<1	<0.01	<10	<0.01	<10
BLANK		<0.5	<0.01	<5	<10	<0.5	<2	<0.01	<0.5	<1	<1	<1	<0.01	<10	<0.01	<10
BLANK		<0.5	<0.01	<5	<10	<0.5	<2	<0.01	<0.5	<1	<1	<1	<0.01	<10	<0.01	<10
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	<10
	Upper Bound	1.0	0.02	10	20	1.0	4	0.02	1.0	2	2	2	0.02	20	0.02	20

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

Finalized Date: 6-JUN-2016
Account: DETGLD

Project: DGEX-537

QC CERTIFICATE OF ANALYSIS SD16086400

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	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl	U
	Units	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10	10
STANDARDS																
GBM908-10		1.82	786	62	2.19	2190	960	2010	0.37	<5	17	289	20	0.65	<10	<10
GBM908-10		1.81	792	57	2.16	2250	990	2010	0.36	<5	17	290	<20	0.64	<10	<10
GBM908-10		1.81	794	59	2.16	2230	1000	2040	0.36	<5	17	298	20	0.66	10	<10
Target Range - Lower Bound		1.61	715	57	1.93	2030	880	1860	0.33	<5	14	260	<20	0.59	<10	<10
Upper Bound		1.99	885	72	2.38	2480	1100	2280	0.43	12	20	320	60	0.74	20	20
MRGeo08		1.30	562	15	2.02	693	1030	1070	0.30	5	10	312	20	0.48	10	<10
MRGeo08		1.31	551	14	1.98	686	1040	1070	0.30	8	10	303	<20	0.47	<10	<10
MRGeo08		1.32	562	15	2.00	698	1060	1095	0.30	8	11	315	20	0.50	<10	10
Target Range - Lower Bound		1.17	497	12	1.76	621	930	969	0.27	<5	10	276	<20	0.44	<10	<10
Upper Bound		1.45	619	18	2.18	761	1160	1190	0.35	15	15	340	60	0.56	20	30
OGGeo08		1.25	504	893	1.86	8760	880	7300	2.79	28	9	251	<20	0.39	<10	<10
OGGeo08		1.20	494	877	1.80	8540	850	7170	2.75	27	9	249	20	0.39	<10	<10
Target Range - Lower Bound		1.11	447	841	1.62	8000	760	6510	2.51	14	8	223	<20	0.35	<10	<10
Upper Bound		1.38	557	1030	2.00	9770	950	7970	3.09	40	13	275	60	0.45	20	30
OREAS-45b		0.21	917	3	0.08	259	560	24	0.03	5	48	35	<20	1.27	<10	<10
OREAS-45b		0.21	932	3	0.08	260	550	21	0.03	<5	48	36	<20	1.30	<10	<10
Target Range - Lower Bound		0.18	870	<1	0.06	251		21	<0.01	<5	45	30	<20	1.20	<10	<10
Upper Bound		0.24	1075	4	0.10	309		31	0.05	11	58	39	50	1.48	20	20
BLANKS																
BLANK		<0.01	<5	<1	<0.01	<1	<10	<2	<0.01	<5	<1	<1	<20	<0.01	<10	<10
BLANK		<0.01	<5	<1	<0.01	<1	<10	<2	<0.01	<5	<1	1	<20	<0.01	<10	<10
BLANK		<0.01	<5	<1	<0.01	<1	<10	<2	<0.01	<5	<1	<1	<20	<0.01	<10	<10
BLANK		<0.01	<5	<1	<0.01	<1	<10	<2	<0.01	<5	<1	<1	<20	<0.01	<10	<10
BLANK		<0.01	<5	<1	<0.01	<1	<10	<2	<0.01	<5	<1	<1	<20	<0.01	<10	<10
Target Range - Lower Bound		<0.01	<5	<1	<0.01	<1	<10	<2	<0.01	<5	<1	<1	<20	<0.01	<10	<10
Upper Bound		0.02	10	2	0.02	2	20	4	0.02	10	2	2	40	0.02	20	20

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

Finalized Date: 6-JUN-2016
Account: DETGLD

Project: DGEX-537

QC CERTIFICATE OF ANALYSIS SD16086400

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
STANDARDS				
GBM908-10		140	<10	1030
GBM908-10		138	<10	1035
GBM908-10		140	<10	1075
Target Range - Lower Bound		123	<10	939
Upper Bound		153	20	1155
MRGeo08		112	<10	786
MRGeo08		108	<10	776
MRGeo08		110	<10	821
Target Range - Lower Bound		97	<10	722
Upper Bound		121	30	886
OGGeo08		87	<10	7050
OGGeo08		85	<10	6890
Target Range - Lower Bound		77	<10	6500
Upper Bound		97	30	7950
OREAS-45b		241	<10	189
OREAS-45b		242	<10	185
Target Range - Lower Bound		225	<10	174
Upper Bound		277	20	218
BLANKS				
BLANK		<1	<10	<2
BLANK		<1	<10	<2
BLANK		<1	<10	<2
BLANK		<1	<10	<2
BLANK		<1	<10	<2
Target Range - Lower Bound		<1	<10	<2
Upper Bound		2	20	4

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QC CERTIFICATE OF ANALYSIS SD16086400

Sample Description	Method / Analyte / Units / LOR	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	ME-ICP61 La ppm 10
DUPLICATES																
D1241703		<0.5	6.21	<5	330	<0.5	3	5.73	0.9	42	35	84	10.70	20	1.31	10
DUP		<0.5	5.93	<5	320	<0.5	4	5.50	1.0	42	34	81	10.25	20	1.25	10
Target Range - Lower Bound		<0.5	5.76	<5	290	<0.5	<2	5.32	<0.5	39	32	79	9.94	<10	1.21	<10
Upper Bound		1.0	6.38	10	360	1.0	4	5.91	1.0	45	37	86	11.00	30	1.35	20
D1241740		<0.5	6.41	<5	70	0.5	5	7.08	<0.5	42	34	116	10.00	20	0.32	10
DUP		<0.5	6.55	<5	70	0.5	7	7.19	0.5	44	34	116	10.25	20	0.33	<10
Target Range - Lower Bound		<0.5	6.15	<5	50	<0.5	4	6.77	<0.5	40	31	111	9.61	<10	0.30	<10
Upper Bound		1.0	6.81	10	90	1.0	8	7.50	1.0	46	37	121	10.65	30	0.35	20
D1241777		<0.5	6.58	<5	20	<0.5	<2	6.21	<0.5	45	35	67	11.70	20	0.14	<10
DUP		<0.5	6.54	<5	20	<0.5	<2	6.14	<0.5	44	33	67	11.65	20	0.14	<10
Target Range - Lower Bound		<0.5	6.22	<5	<10	<0.5	<2	5.86	<0.5	41	31	64	11.10	<10	0.12	<10
Upper Bound		1.0	6.90	10	30	1.0	4	6.49	1.0	48	37	70	12.25	30	0.16	20
D1241813		<0.5	6.88	<5	30	0.7	7	6.69	0.7	45	80	72	11.60	20	0.23	<10
DUP		<0.5	6.73	<5	30	0.7	6	6.57	<0.5	43	76	69	11.35	20	0.23	<10
Target Range - Lower Bound		<0.5	6.45	<5	20	<0.5	4	6.29	<0.5	41	73	67	10.90	<10	0.21	<10
Upper Bound		1.0	7.16	10	40	1.0	9	6.97	1.0	47	83	74	12.05	30	0.25	20
ORIGINAL		<0.5	8.00	20	1250	1.7	2	1.30	0.7	2	9	4	2.39	10	3.95	40
DUP		<0.5	7.92	18	1280	1.7	2	1.29	0.6	2	11	5	2.39	10	3.95	40
Target Range - Lower Bound		<0.5	7.55	13	1160	1.1	<2	1.22	<0.5	<1	9	3	2.26	<10	3.74	30
Upper Bound		1.0	8.37	25	1370	2.3	4	1.37	1.0	3	12	6	2.52	20	4.16	50

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COCHRANE ON P0L 1C0

Finalized Date: 6-JUN-2016
Account: DETGLD

Project: DGEX-537

QC CERTIFICATE OF ANALYSIS SD16086400

Sample Description	Method / Analyte / Units / LOR	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	ME-ICP61 U ppm 10
DUPLICATES																
D1241703		2.84	2040	1	1.17	32	540	11	0.45	<5	38	100	<20	0.90	<10	<10
DUP		2.71	1960	2	1.13	30	520	7	0.44	<5	36	97	<20	0.86	<10	<10
Target Range - Lower Bound		2.63	1895	<1	1.08	28	490	7	0.41	<5	34	93	<20	0.83	<10	<10
Upper Bound		2.92	2110	2	1.22	34	570	11	0.48	10	40	104	40	0.93	20	20
D1241740		1.34	2040	<1	1.65	34	570	4	0.32	7	39	94	<20	0.94	<10	<10
DUP		1.37	2100	1	1.69	35	580	3	0.32	<5	39	97	<20	0.97	<10	<10
Target Range - Lower Bound		1.28	1960	<1	1.58	32	540	<2	0.29	<5	36	90	<20	0.90	<10	<10
Upper Bound		1.43	2180	2	1.76	37	610	4	0.35	10	42	101	40	1.01	20	20
D1241777		3.32	1735	1	0.81	44	520	5	0.04	<5	37	136	<20	0.89	<10	<10
DUP		3.29	1690	<1	0.81	45	520	<2	0.05	<5	37	134	<20	0.88	<10	<10
Target Range - Lower Bound		3.13	1620	<1	0.76	41	480	<2	0.03	<5	34	127	<20	0.83	<10	<10
Upper Bound		3.48	1805	2	0.86	48	560	4	0.06	10	40	143	40	0.94	20	20
D1241813		2.46	1605	1	1.43	84	1000	4	0.13	<5	28	159	<20	1.55	<10	<10
DUP		2.40	1575	1	1.40	82	980	43	0.12	<5	27	155	<20	1.52	<10	<10
Target Range - Lower Bound		2.30	1505	<1	1.33	78	930	20	0.11	<5	25	148	<20	1.45	<10	<10
Upper Bound		2.56	1675	2	1.50	88	1050	27	0.14	10	30	166	40	1.62	20	20
ORIGINAL		0.64	1120	1	2.90	7	840	112	2.19	<5	9	171	<20	0.34	<10	<10
DUP		0.63	1105	1	2.89	5	840	116	2.19	<5	9	169	<20	0.34	<10	<10
Target Range - Lower Bound		0.59	1050	<1	2.74	5	790	106	2.07	<5	8	161	<20	0.31	<10	<10
Upper Bound		0.68	1175	2	3.05	7	890	122	2.31	10	10	180	40	0.37	20	20

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QC CERTIFICATE OF ANALYSIS SD16086400

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
		DUPLICATES		
D1241703		349	<10	270
DUP		338	<10	268
Target Range - Lower Bound		325	<10	254
Upper Bound		362	20	284
D1241740		356	<10	143
DUP		360	<10	146
Target Range - Lower Bound		339	<10	135
Upper Bound		377	20	154
D1241777		329	<10	146
DUP		326	<10	144
Target Range - Lower Bound		310	<10	136
Upper Bound		345	20	154
D1241813		252	<10	148
DUP		247	<10	145
Target Range - Lower Bound		236	<10	137
Upper Bound		263	20	156
ORIGINAL		37	<10	233
DUP		36	<10	239
Target Range - Lower Bound		34	<10	222
Upper Bound		39	20	250

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Finalized Date: 6-JUN-2016
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Project: DGEX-537

QC CERTIFICATE OF ANALYSIS SD16086400

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

NSS is non-sufficient sample.

Applies to Method: ALL METHODS

LABORATORY ADDRESSES

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

Applies to Method: FND-02 ME-ICP61