ALS Canada Ltd.

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

To: **8616868 CANADA LTD.**
PO BOX 10547
715 HEWITSON STREET SUITE 2002
THUNDER BAY ON P7B 6T9

Finalized Date: 9-SEP-2016
Account: 861CAN

CERTIFICATE TB16141549

Project: Cfields

This report is for 23 Rock samples submitted to our lab in Thunder Bay, ON, Canada on 25-AUG-2016.

The following have access to data associated with this certificate:

DAVID BENSON DAVE PECK	JIM MAXWELL	CAM MCLEAN

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP27	Ore grade Pt, Pd and Au by ICP	ICP-AES
ME-MS61	48 element four acid ICP-MS	
PGM-MS23L	Low level PGM - FA ICPMS	ICP-MS

To: **8616868 CANADA LTD.**
ATTN: JIM MAXWELL
PO BOX 10547
715 HEWITSON STREET SUITE 2002
THUNDER BAY ON P7B 6T9

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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CERTIFICATE OF ANALYSIS TB16141549

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	PGM-MS23L Au ppb 1	PGM-MS23L Pd ppb 0.2	PGM-MS23L Pt ppb 0.1	PGM-ICP27 Au ppb 10	PGM-ICP27 Pd ppb 10	PGM-ICP27 Pt ppb 10	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02
R982001		2.01	1	0.4	0.2				0.02	0.08	0.6	120	0.22	0.10	19.05	0.10
R982002		0.09	107	597	327				1.90	6.72	4.5	220	0.85	0.72	4.40	0.61
R982003		1.80	5	16.9	4.5				0.07	7.72	0.9	150	0.55	0.04	6.96	0.14
R982004		3.15	1	0.4	0.4				0.01	7.97	0.4	100	0.74	0.05	4.74	0.07
R982005		1.22	2	0.4	0.4				0.02	7.95	1.3	160	0.70	0.06	5.06	0.07
R982006		2.58	1	0.3	0.3				0.08	5.84	3.6	170	0.61	0.05	3.80	0.07
R982007		2.20	2	0.4	0.4				0.13	8.23	6.2	180	0.67	0.06	5.11	0.19
R982008		1.10	3	12.4	6.3				0.07	7.86	0.4	130	0.38	0.03	7.30	0.18
R982009		1.51	4	13.7	5.8				0.06	7.87	<0.2	120	0.41	0.03	7.25	0.10
R982010		3.45	4	14.8	6.5				0.07	9.06	<0.2	150	0.42	0.04	7.27	0.12
R982011		1.37	2	0.7	0.5				0.03	7.43	0.2	330	1.09	0.03	6.45	0.12
R982012		2.85	11	6.9	1.6				0.16	7.73	<0.2	100	0.27	0.16	6.97	0.15
R982013		1.85	1	0.3	0.2				0.05	9.59	<0.2	360	0.93	0.08	6.73	0.07
R982014		3.92	138	>1000	231	130	1140	220	2.20	8.86	0.4	440	0.65	0.67	6.11	0.46
R982015		1.04	2	4.3	2.6				0.11	8.78	6.6	640	0.96	0.24	1.45	0.09
R982016		0.64	2	4.2	3.1				0.24	9.98	0.3	1210	1.37	0.44	1.15	0.16
R982017		6.56	1	1.5	1.4				0.19	3.30	<0.2	20	1.26	0.23	8.92	0.43
R982018		3.29	1	7.7	10.1				0.05	3.24	<0.2	10	1.34	0.33	8.51	0.42
R982019		1.16	5	81.8	82.0				0.23	2.97	0.6	20	2.22	0.59	25.1	0.03
R982020		2.11	1	0.3	0.2				0.02	7.65	<0.2	1120	0.66	0.09	0.17	0.02
R982021		3.55	1	2.2	5.7				0.06	3.13	<0.2	40	1.11	0.25	10.55	0.81
R982022		1.13	1	1.3	1.2				0.09	8.01	<0.2	560	1.18	0.08	2.24	0.09
R982023		0.09	74	591	318				2.14	6.79	5.6	220	0.81	0.75	4.49	0.60

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Finalized Date: 9-SEP-2016
Account: 861CAN

Project: Cfields

CERTIFICATE OF ANALYSIS TB16141549

Sample Description	Method / Analyte / Units / LOR	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5
R982001		3.29	0.3	1	0.66	1.6	0.16	0.22	<0.05	0.1	<0.005	0.06	2.5	44.9	13.15	369
R982002		26.8	114.0	182	0.93	4500	14.35	15.50	0.09	1.9	0.087	0.52	12.0	15.1	3.98	1420
R982003		21.0	62.8	73	0.39	221	10.90	21.7	0.08	2.7	0.084	0.35	8.9	10.6	4.28	1590
R982004		26.8	33.3	61	0.23	16.4	6.14	19.45	0.06	1.8	0.054	0.30	11.3	14.6	3.54	876
R982005		31.4	38.5	63	0.49	52.0	6.85	19.50	0.06	2.3	0.060	0.53	13.3	15.5	2.88	1140
R982006		22.3	19.0	54	0.25	66.4	2.48	15.10	0.06	2.1	0.026	0.39	10.1	8.6	0.92	561
R982007		33.8	32.2	68	0.41	101.5	4.96	15.95	0.10	3.0	0.046	0.35	15.8	18.0	2.20	1520
R982008		16.85	61.7	66	0.55	184.5	10.50	19.90	0.07	2.3	0.072	0.29	7.1	9.3	4.58	1580
R982009		15.35	62.6	66	0.57	199.5	10.65	18.80	<0.05	2.2	0.072	0.26	6.7	8.5	4.69	1590
R982010		17.70	56.3	60	0.60	181.5	9.55	20.2	0.05	2.4	0.066	0.36	7.9	13.9	4.39	1420
R982011		53.2	58.4	50	0.67	75.0	11.20	25.6	0.12	5.6	0.091	0.60	23.9	15.7	3.17	1320
R982012		7.78	52.4	159	0.99	356	8.77	17.10	0.05	1.3	0.079	0.75	3.3	17.3	4.86	1460
R982013		20.9	21.4	7	1.42	27.3	5.90	23.0	0.12	1.2	0.039	0.69	7.7	16.2	1.11	892
R982014		14.25	116.0	234	5.87	3640	7.68	18.45	0.07	0.8	0.048	1.01	6.6	18.9	2.82	945
R982015		35.7	34.7	173	3.25	74.2	6.06	21.6	0.14	3.5	0.060	1.82	16.3	38.9	2.12	768
R982016		31.0	39.7	201	2.65	178.5	8.42	28.2	0.15	4.7	0.085	2.33	13.2	55.2	2.62	966
R982017		22.9	74.4	429	0.10	40.5	7.57	10.55	<0.05	0.9	0.100	0.29	9.4	12.1	11.15	1580
R982018		41.8	51.8	1390	0.76	34.4	7.13	11.45	<0.05	1.1	0.115	0.21	15.5	53.0	10.50	1760
R982019		45.9	67.8	1370	2.35	661	7.68	10.10	<0.05	0.8	0.122	0.15	21.7	117.0	2.41	2180
R982020		17.85	1.1	19	5.49	3.8	0.77	12.45	0.18	0.8	0.012	5.88	8.5	5.0	0.13	119
R982021		33.6	62.0	1080	0.73	25.0	6.49	8.61	<0.05	1.0	0.103	0.38	12.7	9.4	11.25	1450
R982022		43.2	19.0	138	4.68	34.9	4.29	19.20	0.09	3.2	0.034	2.18	20.4	39.7	1.74	569
R982023		27.5	114.5	182	0.94	4590	14.40	15.25	<0.05	1.9	0.092	0.51	12.6	14.6	4.04	1460

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Finalized Date: 9-SEP-2016
Account: 861CAN

Project: Cfields

CERTIFICATE OF ANALYSIS TB16141549

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Mo	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.01	0.1	0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05
R982001		0.15	0.10	1.0	0.8	60	7.1	2.7	<0.002	0.01	0.29	0.2	<1	0.4	194.0	<0.05
R982002		5.00	1.61	6.8	4330	700	21.9	16.6	0.007	1.68	0.48	12.4	6	3.6	275	0.44
R982003		0.50	1.90	5.2	134.0	690	2.2	11.6	0.002	0.01	0.10	37.4	1	1.0	165.0	0.40
R982004		0.46	2.36	8.3	91.7	950	1.7	3.0	<0.002	<0.01	0.16	22.1	1	1.1	190.5	0.52
R982005		0.20	2.74	9.3	89.7	1050	2.0	7.4	<0.002	<0.01	0.16	22.7	1	1.2	190.0	0.60
R982006		0.51	2.18	5.1	57.3	510	3.9	13.0	<0.002	0.01	0.12	13.5	1	0.9	137.0	0.39
R982007		0.22	2.94	7.8	116.5	740	4.6	6.8	<0.002	0.01	0.11	21.4	2	1.2	168.0	0.60
R982008		0.40	1.81	4.5	189.0	590	2.5	7.8	<0.002	<0.01	0.09	28.7	1	0.9	173.5	0.29
R982009		0.38	1.76	4.0	194.0	550	2.8	7.4	<0.002	<0.01	0.09	28.9	1	0.9	167.0	0.26
R982010		0.47	1.93	4.4	165.0	580	1.8	12.5	<0.002	<0.01	0.09	30.1	1	0.9	185.5	0.28
R982011		0.98	2.55	13.5	103.5	1220	2.1	21.9	<0.002	0.05	0.09	26.9	2	1.6	502	0.87
R982012		0.39	1.89	2.0	233	250	2.3	23.6	<0.002	0.11	0.12	37.4	1	0.7	155.0	0.15
R982013		0.50	2.65	4.8	7.1	1320	5.4	6.9	<0.002	0.02	0.09	13.8	1	0.6	723	0.34
R982014		0.31	2.27	1.8	838	180	4.7	12.3	<0.002	0.92	0.11	12.5	3	0.6	584	0.13
R982015		1.31	2.08	6.7	110.0	710	10.5	50.9	<0.002	0.46	0.29	23.9	1	1.3	349	0.51
R982016		2.50	2.15	8.6	103.5	830	11.4	40.9	0.002	0.89	0.29	28.0	2	2.1	265	0.66
R982017		0.10	0.57	2.9	327	490	1.8	3.2	<0.002	0.03	0.06	54.2	1	4.7	66.7	0.15
R982018		0.14	0.31	4.8	350	650	1.4	4.9	<0.002	0.07	0.06	45.3	1	6.7	21.9	0.33
R982019		0.17	0.07	2.6	499	300	3.3	14.5	<0.002	0.41	0.08	50.2	2	10.1	138.0	0.19
R982020		0.19	2.00	1.7	3.6	240	50.0	154.5	<0.002	0.01	0.06	2.3	<1	2.9	201	0.32
R982021		0.11	0.49	2.4	416	580	1.6	10.6	<0.002	0.03	0.07	51.6	1	9.6	122.0	0.19
R982022		1.16	2.85	5.4	65.4	750	16.0	92.3	<0.002	0.17	0.05	12.4	<1	1.4	509	0.41
R982023		5.33	1.63	7.1	4460	730	23.1	14.8	0.009	1.70	0.50	13.0	6	4.0	281	0.45

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Project: Cfields

CERTIFICATE OF ANALYSIS TB16141549

Sample Description	Method / Analyte / Units / LOR	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
R982001		<0.05	0.14	<0.005	0.09	0.3	2	0.4	1.2	30	1.8
R982002		0.51	1.56	0.747	0.15	0.4	114	3.2	12.6	103	69.0
R982003		<0.05	1.35	0.843	0.05	0.3	340	1.8	28.1	118	95.0
R982004		<0.05	1.20	0.560	0.02	0.3	168	0.2	18.9	75	71.7
R982005		<0.05	1.45	0.603	0.05	0.4	173	0.2	23.0	83	92.4
R982006		<0.05	1.86	0.298	0.08	0.4	93	0.2	12.5	39	79.8
R982007		<0.05	2.61	0.469	0.07	0.7	117	0.4	20.9	93	116.5
R982008		<0.05	0.96	0.750	0.05	0.3	302	0.1	22.4	117	79.0
R982009		<0.05	0.94	0.723	0.07	0.3	293	0.1	21.0	116	74.8
R982010		<0.05	1.10	0.737	0.07	0.3	280	0.1	23.0	100	83.8
R982011		<0.05	2.69	1.825	0.07	0.7	349	0.2	29.5	142	198.5
R982012		0.05	0.24	0.666	0.13	0.1	323	0.2	18.9	93	37.6
R982013		<0.05	1.05	0.561	0.12	0.5	133	0.3	10.0	80	31.3
R982014		0.53	0.92	0.210	0.23	0.3	129	0.2	4.6	84	25.5
R982015		<0.05	4.85	0.502	0.46	1.6	168	1.1	13.2	108	125.5
R982016		0.12	4.68	0.619	0.43	1.8	207	3.1	13.0	137	165.5
R982017		<0.05	0.74	0.222	0.02	0.6	190	0.2	7.8	133	24.8
R982018		<0.05	0.76	0.195	0.04	1.4	138	0.2	10.9	136	34.8
R982019		0.07	0.56	0.178	0.12	1.1	125	0.9	27.7	51	23.0
R982020		<0.05	6.31	0.023	1.09	1.3	2	0.1	8.0	10	18.7
R982021		<0.05	1.21	0.230	0.08	0.6	159	0.1	10.0	120	28.7
R982022		0.05	4.83	0.349	0.77	1.6	100	0.3	10.0	90	114.5
R982023		0.59	1.62	0.782	0.15	0.5	116	3.0	13.0	107	68.8

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CERTIFICATE OF ANALYSIS TB16141549

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

REE's may not be totally soluble in this method.

Applies to Method: ME-MS61

LABORATORY ADDRESSES

Processed at ALS Thunder Bay located at 1160 Commerce Street, Thunder Bay, ON, Canada.

Applies to Method:

CRU-31	CRU-QC	LOG-22	LOG-23
PUL-31	PUL-QC	SPL-21	WEI-21

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

Applies to Method:

ME-MS61	PGM-ICP27	PGM-MS23L