



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: **ALS MINERALS PREP QUALITY**
2103 DOLLARTON HWY
NORTH VANCOUVER BC V7H 0A7

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 Plus Appendix Pages
 Finalized Date: 21-SEP-2018
 Account: QUAPREP

CERTIFICATE RE18225165

Project: New Clean Rock - Vegas Rock

This report is for 9 Clean Rock samples submitted to our lab in Reno, NV, USA on 11-SEP-2018.

The following have access to data associated with this certificate:

HANACHI BOUHENCHIR		
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SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
CRU-31	Fine crushing - 70% <2mm
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES	
ALS CODE	DESCRIPTION
ME-MS61	48 element four acid ICP-MS
Au-ICP21	Au 30g FA ICP-AES Finish ICP-AES

The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim 'or deposit has been determined based on the results of assays of multiple samples of geological materials collected by the prospective investor or by a qualified person selected by him/her and based on an evaluation of all engineering data which is available concerning any proposed project. Statement required by Nevada State Law NRS 519

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 RE18225165

Sample Description	Method Analyte Units LOD	Au-ICP21	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
		Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm
Vegas Clean Rock 3/8 inch #1	<0.001	0.03	1.03	4.4	40	0.16	0.02	0.02	<0.02	5.73	0.5	7	0.47	3.0	0.43
Vegas Clean Rock 3/8 inch #2	<0.001	0.05	1.01	3.8	30	0.21	0.02	0.01	<0.02	5.77	0.3	6	0.48	2.3	0.41
Vegas Clean Rock 3/8 inch #3	<0.001	0.03	0.92	4.0	30	0.20	0.01	0.02	<0.02	5.47	0.3	7	0.44	2.2	0.41
Vegas Clean Rock 3/4 inch #1	<0.001	0.04	1.12	4.9	20	0.25	0.02	0.01	<0.02	6.44	0.3	7	0.50	2.2	0.49
Vegas Clean Rock 3/4 inch #2	<0.001	0.04	0.95	3.7	30	0.14	0.01	0.01	<0.02	6.18	0.3	6	0.51	2.2	0.34
Vegas Clean Rock 3/4 inch #3	<0.001	0.03	0.96	4.0	30	0.17	0.01	0.01	<0.02	6.90	0.5	7	0.55	2.5	0.43
Vegas Clean Rock 1-3 inch #1	<0.001	0.03	0.95	4.3	20	0.19	0.01	0.01	<0.02	6.45	0.4	7	0.39	2.1	0.51
Vegas Clean Rock 1-3 inch #2	<0.001	0.04	0.96	4.9	20	0.19	0.01	0.01	<0.02	7.04	0.4	8	0.43	2.0	0.52
Vegas Clean Rock 1-3 inch #3	<0.001	0.03	0.96	4.4	20	0.20	0.02	0.02	<0.02	6.53	0.4	7	0.40	1.9	0.50

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CERTIFICATE OF ANALYSIS RE18225165

Sample Description	Method	Analyte	Units	LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61			
					Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb
					ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
					0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5
Vegas Clean Rock 3/8 inch #1					1.78	<0.05	0.5	<0.005	0.09	2.8	8.5	0.03	55	0.28	0.02	0.7	2.1	30	5.6
Vegas Clean Rock 3/8 inch #2					1.89	<0.05	0.5	<0.005	0.08	2.9	9.2	0.03	44	0.33	<0.01	0.7	2.0	30	4.9
Vegas Clean Rock 3/8 inch #3					1.67	<0.05	0.5	<0.005	0.08	2.7	8.1	0.03	46	0.35	<0.01	0.7	1.9	70	4.9
Vegas Clean Rock 3/4 inch #1					2.04	<0.05	0.5	<0.005	0.09	3.2	9.0	0.03	37	0.30	<0.01	0.8	1.9	30	4.8
Vegas Clean Rock 3/4 inch #2					1.87	<0.05	0.5	<0.005	0.08	3.1	9.1	0.03	38	0.29	<0.01	0.8	1.7	30	4.8
Vegas Clean Rock 3/4 inch #3					1.95	<0.05	0.5	<0.005	0.08	3.2	9.2	0.03	59	0.42	<0.01	0.8	2.0	30	6.0
Vegas Clean Rock 1-3 inch #1					1.93	<0.05	0.6	<0.005	0.07	3.0	7.6	0.03	32	0.32	<0.01	0.9	1.7	30	2.5
Vegas Clean Rock 1-3 inch #2					1.90	<0.05	0.7	<0.005	0.07	3.2	7.7	0.03	38	0.43	<0.01	0.9	1.9	30	2.6
Vegas Clean Rock 1-3 inch #3					1.97	<0.05	0.6	<0.005	0.07	3.0	7.9	0.03	34	0.38	<0.01	0.8	1.7	30	2.4

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CERTIFICATE OF ANALYSIS RE18225165

Sample Description	Method Analyte Units LOD	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	
		Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm
		0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1	1
Vegas Clean Rock 3/8 inch #1		3.2	<0.002	<0.01	0.26	0.6	1	0.2	19.8	0.05	<0.05	0.80	0.026	0.04	0.2	6
Vegas Clean Rock 3/8 inch #2		3.1	<0.002	<0.01	0.23	0.6	1	0.2	20.3	0.06	<0.05	0.79	0.026	0.04	0.2	5
Vegas Clean Rock 3/8 inch #3		2.9	<0.002	<0.01	0.25	0.6	1	0.2	19.1	0.05	<0.05	0.74	0.026	0.04	0.2	5
Vegas Clean Rock 3/4 inch #1		3.4	<0.002	<0.01	0.27	0.7	1	0.2	23.4	0.06	<0.05	0.80	0.028	0.04	0.2	7
Vegas Clean Rock 3/4 inch #2		3.3	<0.002	<0.01	0.22	0.6	1	0.2	22.2	0.06	<0.05	0.81	0.028	0.04	0.2	5
Vegas Clean Rock 3/4 inch #3		3.4	<0.002	<0.01	0.23	0.6	1	0.2	22.4	0.06	<0.05	0.88	0.026	0.04	0.2	6
Vegas Clean Rock 1-3 inch #1		2.8	<0.002	<0.01	0.25	0.6	1	0.2	19.7	0.06	<0.05	0.84	0.033	0.04	0.2	8
Vegas Clean Rock 1-3 inch #2		2.9	<0.002	<0.01	0.24	0.7	1	0.2	21.3	0.07	<0.05	0.91	0.036	0.03	0.2	8
Vegas Clean Rock 1-3 inch #3		2.8	<0.002	<0.01	0.24	0.6	1	0.2	19.6	0.06	<0.05	0.86	0.031	0.04	0.2	8



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CERTIFICATE OF ANALYSIS RE18225165

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		W ppm 0.1	Y ppm 0.1	Zn ppm 2	Zr ppm 0.5
Vegas Clean Rock 3/8 inch #1		0.2	2.2	9	15.2
Vegas Clean Rock 3/8 inch #2		0.2	2.2	7	15.8
Vegas Clean Rock 3/8 inch #3		0.1	2.4	7	14.7
Vegas Clean Rock 3/4 inch #1		0.2	2.5	7	17.3
Vegas Clean Rock 3/4 inch #2		0.2	2.3	6	17.2
Vegas Clean Rock 3/4 inch #3		0.2	2.7	6	16.9
Vegas Clean Rock 1-3 inch #1		0.2	2.1	7	18.8
Vegas Clean Rock 1-3 inch #2		0.2	2.2	7	20.0
Vegas Clean Rock 1-3 inch #3		0.2	2.1	7	18.0



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CERTIFICATE OF ANALYSIS RE18225165

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Reno located at 4977 Energy Way, Reno, NV, USA.
CRU-31 PUL-31

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au-ICP21 ME-MS61