



ALS USA Inc.
4977 Energy Way
Reno NV 89502
Phone: +1 775 356 5395 Fax: +1 775 355 0179
www.alsglobal.com/geochemistry

To: ADVANCED GEOLOGIC EXPLORATION
P.O. BOX 1956
CHESTER CA 96020

Page: 1
Total # Pages: 2 (A - D)
Plus Appendix Pages
Finalized Date: 7-MAR-2024
This copy reported on
11-MAR-2024
Account: ADVGEO

CERTIFICATE RE24015545

Project: PGP

This report is for 17 samples of Rock submitted to our lab in Reno, NV, USA on 18-JAN-2024.

The following have access to data associated with this certificate:

CHARLES WATSON

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-22Y	Split Sample - Boyd Rotary Splitter
PUL-32	Pulverize 1000g to 85% < 75 um
DRY-20	Dry a split of crushed material
BAG-01	Bulk Master for Storage
SND-ALS	Send samples to internal laboratory
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-MS71L	Super Trace DL NH4HF2 by ICP-MS	
PGM-MS25NS	PGM by Ni Sulphide FA Fusion - ICPMS	ICP-MS
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 *****

Comments: Au by PGM-MS25NS is reported for informational purpose only due to erratic Au recovery by this method. Preferred method for quantitative analyses of Au is lead collection FA method.

Signature:

Saa Traxler, Director, North Vancouver Operations



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CERTIFICATE OF ANALYSIS RE24015545

Sample Description	Method Analyte Units LOD	WEI-21	ME-MS71L	ME-MS71L	ME-MS71L	ME-MS71L	ME-MS71L	ME-MS71L	ME-MS71L	ME-MS71L	ME-MS71L	ME-MS71L	ME-MS71L	ME-MS71L	ME-MS71L
		Recvd Wt.	Al	B	Ba	Be	Ca	Ce	Co	Cs	Cu	Dy	Er	Eu	Fe
		kg	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.02	0.05	10	1	0.03	0.01	0.1	0.2	0.01	2	0.003	0.002	0.004	0.05
PG-H-1A 20-25		0.84	8.34	30	898	2.77	2.18	91.8	10.7	5.38	24	3.65	1.930	1.210	3.66
PG-H-1A 40-45		1.10	7.65	30	1070	2.39	1.87	73.2	8.4	3.78	28	2.73	1.430	0.979	3.03
PG-H-11 40-45		1.02	7.21	20	1030	2.49	1.78	97.5	7.7	9.33	14	3.00	1.625	0.909	3.29
PG-H-15B 50-55		1.00	7.29	30	1220	2.87	1.40	60.7	5.3	16.30	16	2.80	1.620	0.801	2.11
PG-H-15B 70-75		0.98	7.42	30	1080	2.26	1.54	82.0	8.5	4.18	30	3.01	1.615	0.988	3.17
PG-H-15B 80-85		1.00	7.35	30	1090	2.32	1.40	65.3	6.8	2.52	26	2.40	1.275	0.834	2.51
PG-H-22 15-20		0.84	8.88	50	694	3.31	1.93	92.4	12.1	6.34	23	4.45	2.43	1.325	3.87
PG-H-22 30-35		1.06	7.17	30	1100	2.24	1.29	60.7	5.5	2.25	17	2.11	1.125	0.752	2.21
PG-H-22 55-60		0.98	7.48	30	1080	2.59	1.41	81.1	5.6	2.65	21	2.48	1.260	1.015	2.41
PG-H-36 20-25		1.10	7.25	40	1100	2.15	1.39	65.6	5.5	2.53	19	2.42	1.290	0.841	2.29
PG-H-36 80-85		1.02	7.48	40	1090	2.27	1.54	69.3	6.8	2.92	19	2.55	1.380	0.873	2.42
PG-H-37 40-45		1.08	7.25	40	1210	2.20	1.28	73.7	4.9	2.72	17	2.54	1.350	0.840	2.27
PG-H-42A 65-70		0.80	7.80	40	960	2.38	1.87	63.9	7.4	3.03	15	2.67	1.410	0.945	2.65
PG-H-42C 20-25		0.98	7.63	40	990	3.71	1.53	98.9	7.2	2.78	20	3.06	1.630	1.040	3.38
PG-H-43A 10-15		1.06	7.62	70	960	2.52	2.17	80.5	8.3	2.68	25	2.86	1.595	0.959	3.00
PG-H-43A 40-45		1.10	7.41	40	1030	2.37	1.51	76.9	6.4	2.75	18	2.71	1.455	0.929	2.73
PG-H-43A 45-50		1.00	7.78	40	1070	2.57	1.49	69.5	4.7	2.81	15	2.39	1.260	0.902	2.10

Comments: Au by PGM-MS25NS is reported for informational purpose only due to erratic Au recovery by this method. Preferred method for quantitative analyses of Au is lead collection FA method.

***** See Appendix Page for comments regarding this certificate *****



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CERTIFICATE OF ANALYSIS RE24015545

Sample Description	Method Analyte Units LOD	ME-MS71L	ME-MS71L	ME-MS71L	ME-MS71L	ME-MS71L	ME-MS71L	ME-MS71L	ME-MS71L	ME-MS71L	ME-MS71L	ME-MS71L	ME-MS71L	ME-MS71L	ME-MS71L	
		Hf	Ho	K	La	Li	Lu	Mg	Mn	Mo	Na	Nb	Nd	P	Pb	Pr
		ppm	ppm	%	ppm	ppm	ppm	%	%	ppm	%	ppm	ppm	%	ppm	ppm
		0.008	0.002	0.05	0.1	1	0.001	0.01	0.005	0.1	0.05	0.02	0.04	0.002	0.5	0.01
PG-H-1A 20-25		4.30	0.680	2.68	49.0	37	0.271	0.82	0.096	1.0	2.08	18.15	35.9	0.077	17.8	9.69
PG-H-1A 40-45		2.47	0.513	3.20	40.5	24	0.192	0.54	0.048	0.9	1.99	12.90	28.6	0.058	15.6	7.81
PG-H-11 40-45		2.93	0.572	3.28	56.4	25	0.222	0.43	0.060	1.0	2.02	16.60	34.2	0.059	17.2	9.85
PG-H-15B 50-55		3.30	0.546	3.30	34.1	26	0.228	0.44	0.142	1.2	2.13	13.55	24.0	0.046	19.0	6.58
PG-H-15B 70-75		3.01	0.571	3.20	47.7	22	0.219	0.45	0.068	1.0	1.97	14.00	31.2	0.057	18.3	8.66
PG-H-15B 80-85		2.91	0.454	3.30	38.5	20	0.179	0.46	0.049	1.0	1.95	11.40	25.6	0.046	16.5	7.06
PG-H-22 15-20		5.90	0.846	2.26	50.5	49	0.361	1.07	0.062	0.9	2.21	23.8	38.0	0.076	19.3	10.10
PG-H-22 30-35		2.22	0.404	3.39	37.1	17	0.154	0.32	0.033	0.8	2.12	11.30	23.4	0.050	15.3	6.51
PG-H-22 55-60		2.67	0.448	3.33	46.5	21	0.164	0.39	0.041	0.8	2.09	17.70	31.2	0.056	16.5	8.78
PG-H-36 20-25		3.14	0.455	3.27	39.1	21	0.181	0.43	0.034	0.8	1.97	12.20	26.0	0.050	16.0	7.20
PG-H-36 80-85		3.56	0.478	3.28	38.1	24	0.197	0.49	0.039	0.8	2.01	12.65	26.8	0.049	17.0	7.36
PG-H-37 40-45		2.73	0.479	3.46	44.3	20	0.186	0.37	0.038	0.9	2.03	12.30	27.7	0.052	15.6	7.75
PG-H-42A 65-70		3.43	0.491	2.99	34.3	28	0.197	0.70	0.038	0.6	1.94	12.45	26.0	0.054	17.6	6.92
PG-H-42C 20-25		4.83	0.573	3.04	57.0	24	0.229	0.51	0.047	0.9	2.06	17.00	35.5	0.066	15.1	10.40
PG-H-43A 10-15		4.31	0.558	2.99	46.4	40	0.222	0.58	0.067	0.9	1.95	13.85	30.0	0.055	14.9	8.39
PG-H-43A 40-45		4.13	0.509	3.11	43.5	22	0.206	0.47	0.043	0.8	2.04	14.45	29.7	0.053	15.9	8.26
PG-H-43A 45-50		3.41	0.447	3.22	39.8	21	0.182	0.38	0.036	0.7	2.45	14.00	27.7	0.054	16.5	7.54

Comments: Au by PGM-MS25NS is reported for informational purpose only due to erratic Au recovery by this method. Preferred method for quantitative analyses of Au is lead collection FA method.

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CERTIFICATE OF ANALYSIS RE24015545

Sample Description	Method Analyte Units LOD	ME-MS71L	ME-MS71L	ME-MS71L	ME-MS71L	ME-MS71L	ME-MS71L	ME-MS71L	ME-MS71L	ME-MS71L	ME-MS71L	ME-MS71L	ME-MS71L	ME-MS71L	ME-MS71L
		Rb	Sc	Sm	Sr	Ta	Tb	Th	Ti	Tm	U	V	W	Y	Yb
		ppm 0.05	ppm 0.04	ppm 0.006	ppm 0.4	ppm 0.005	ppm 0.001	ppm 0.004	% 0.0002	ppm 0.001	ppm 0.01	ppm 1	ppm 0.2	ppm 0.01	ppm 0.001
PG-H-1A 20-25		143.5	8.87	5.92	472	1.220	0.608	14.65	0.445	0.259	2.97	90	7.5	18.90	1.705
PG-H-1A 40-45		144.0	6.96	4.67	515	0.946	0.463	10.25	0.299	0.192	2.08	71	3.4	14.40	1.225
PG-H-11 40-45		161.5	6.07	5.24	479	1.190	0.504	13.10	0.316	0.222	2.25	78	3.5	16.20	1.430
PG-H-15B 50-55		197.0	5.71	3.98	479	0.980	0.442	9.04	0.244	0.222	2.27	45	6.2	16.00	1.420
PG-H-15B 70-75		158.0	6.33	4.94	491	1.030	0.504	11.25	0.307	0.221	2.26	78	3.4	15.65	1.415
PG-H-15B 80-85		146.5	5.41	4.11	464	0.803	0.403	10.15	0.234	0.170	2.04	51	3.0	12.50	1.100
PG-H-22 15-20		160.5	10.30	6.51	439	1.390	0.719	16.85	0.506	0.335	3.63	84	5.7	23.3	2.26
PG-H-22 30-35		143.0	4.61	3.72	475	0.789	0.350	8.07	0.236	0.155	1.62	50	2.2	11.10	0.974
PG-H-22 55-60		148.0	4.82	4.86	482	0.871	0.437	10.10	0.247	0.167	1.81	49	2.8	12.45	1.065
PG-H-36 20-25		142.0	5.82	4.13	462	0.908	0.411	10.85	0.248	0.175	1.99	53	3.5	12.65	1.140
PG-H-36 80-85		151.0	6.04	4.37	483	0.865	0.428	10.10	0.265	0.188	2.15	51	3.2	13.65	1.200
PG-H-37 40-45		146.5	5.54	4.26	464	0.861	0.415	10.55	0.245	0.186	1.97	50	2.3	13.15	1.205
PG-H-42A 65-70		138.5	6.28	4.24	440	0.888	0.426	9.59	0.287	0.195	2.16	53	2.7	13.30	1.240
PG-H-42C 20-25		136.5	6.66	5.46	434	1.110	0.520	16.95	0.361	0.221	2.72	78	3.7	16.10	1.435
PG-H-43A 10-15		146.0	6.45	4.84	482	0.911	0.485	11.30	0.313	0.214	2.16	68	4.5	16.15	1.370
PG-H-43A 40-45		144.5	5.83	4.73	450	0.983	0.460	12.20	0.306	0.200	2.26	63	3.2	13.95	1.305
PG-H-43A 45-50		143.5	4.76	4.42	512	0.936	0.409	10.40	0.261	0.166	2.00	45	2.8	12.45	1.100

Comments: Au by PGM-MS25NS is reported for informational purpose only due to erratic Au recovery by this method. Preferred method for quantitative analyses of Au is lead collection FA method.

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CERTIFICATE OF ANALYSIS RE24015545

Sample Description	Method Analyte Units LOD	PGM-MS25NS PGM-MS25NS PGM-MS25NS PGM-MS25NS PGM-MS25NS PGM-MS25NS PGM-MS25NS						
		Pt	Pd	Rh	Ir	Os	Ru	Au
		ppb	ppb	ppb	ppb	ppb	ppb	ppb
		2	2	2	1	2	3	2
PG-H-1A 20-25		<2	<2	<2	<1	<2	<3	<2
PG-H-1A 40-45		<2	<2	<2	<1	<2	<3	<2
PG-H-11 40-45		<2	<2	<2	<1	<2	<3	<2
PG-H-15B 50-55		<2	<2	<2	<1	<2	4	<2
PG-H-15B 70-75		<2	<2	<2	<1	<2	4	<2
PG-H-15B 80-85		<2	<2	<2	<1	<2	3	<2
PG-H-22 15-20		<2	<2	<2	<1	<2	3	2
PG-H-22 30-35		<2	<2	<2	<1	<2	<3	<2
PG-H-22 55-60		<2	<2	<2	<1	<2	<3	<2
PG-H-36 20-25		<2	<2	<2	<1	<2	<3	<2
PG-H-36 80-85		<2	<2	<2	<1	<2	<3	<2
PG-H-37 40-45		<2	<2	<2	<1	<2	<3	<2
PG-H-42A 65-70		4	5	<2	<1	<2	<3	<2
PG-H-42C 20-25		<2	<2	<2	<1	<2	<3	<2
PG-H-43A 10-15		<2	<2	<2	<1	<2	<3	<2
PG-H-43A 40-45		<2	<2	<2	<1	<2	<3	<2
PG-H-43A 45-50		<2	<2	<2	<1	<2	<3	<2

Comments: Au by PGM-MS25NS is reported for informational purpose only due to erratic Au recovery by this method. Preferred method for quantitative analyses of Au is lead collection FA method.

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CERTIFICATE OF ANALYSIS RE24015545

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: Gold is under-reported by this method due to collection by NiS
PGM-MS25NS

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Reno located at 4977 Energy Way, Reno, NV, USA.
BAG-01 CRU-31
LOG-22 PUL-32
SPL-22Y WEI-21

CRU-QC
PUL-QC

DRY-20
SND-ALS

Applies to Method: Processed at ALS Johannesburg located at 53 Angus Crescent, Long Meadow Business Park, East Entrance, Edenvale – Johannesburg, GAUTENG, South Africa.
PGM-MS25NS

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
ME-MS71L