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To: SNOWLINE GOLD CORP.
 200 - 550 DENMAN STREET
 VANCOUVER BC V6G 3H1

Page: 1
 Total # Pages: 2 (A - D)
 Plus Appendix Pages
 Finalized Date: 19-DEC-2021
 This copy reported on
 20-DEC-2021
 Account: SNOLIGO

CERTIFICATE WH21307418

Project: einarson / rogue
 P.O. No.: SNO21-URS-0913-S
 This report is for 18 samples of Reject submitted to our lab in Whitehorse, YT, Canada on 11-NOV-2021.
 The following have access to data associated with this certificate:
 SCOTT BERDAHL

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
PUL-31	Pulverize up to 250g 85% <75 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
MS61L-REE	REE Add-on to ME-MS61L	
ME-MS61L	Super Trace Lowest DL 4A by ICP-MS	

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: 
 Saa Traxler, General Manager, North Vancouver



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CERTIFICATE OF ANALYSIS WH21307418

Sample Description	Method	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L	
	Analyte Units LOD	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm	Fe %	Ga ppm
URSA001 (course fraction)		4.52	3.06	60.4	2670	2.29	0.147	0.29	5.09	24.2	0.949	162.0	3.11	166.0	1.740	16.25
URSA002 (course fraction)		4.57	2.65	11.70	254	1.48	0.173	0.28	0.632	29.4	0.635	168.5	3.78	59.7	2.26	9.28
URSA003 (course fraction)		7.78	3.47	23.3	339	3.26	0.144	0.35	3.74	31.6	1.660	305	4.33	315	1.720	11.60
URSA004 (course fraction)		4.66	4.02	27.6	1560	2.94	0.133	0.11	1.585	30.9	1.200	323	3.13	301	1.370	9.26
URSA005 (course fraction)		9.85	3.66	33.1	230	2.62	0.260	0.04	0.243	47.7	0.564	323	4.42	53.5	3.82	15.15
URSA006 (course fraction)		5.14	3.98	11.20	317	1.68	0.270	0.04	0.214	51.3	2.18	106.5	5.95	52.4	3.67	15.60
URSA007 (course fraction)		3.33	3.56	30.2	520	1.80	0.198	0.01	0.155	39.9	0.893	259	4.20	109.5	2.63	11.25
URSA008 (course fraction)		2.58	4.19	59.5	5890	2.66	0.161	1.42	33.3	49.4	6.39	138.5	5.61	237	2.56	12.85
URSA009 (course fraction)		3.49	4.06	77.0	5630	2.79	0.163	0.44	41.1	48.2	8.95	148.0	5.20	320	2.48	11.50
URSA010 (course fraction)		0.685	7.84	19.75	7150	2.71	0.303	0.01	0.384	70.2	5.14	110.5	9.28	105.0	4.80	26.0
URSA011 (course fraction)		6.11	4.08	17.30	410	1.92	0.243	0.57	0.646	41.3	1.135	196.5	5.48	67.3	3.65	13.60
URSA012 (course fraction)		3.24	4.19	76.5	5730	2.71	0.173	1.38	39.4	51.5	6.67	155.5	5.62	369	3.44	13.85
URSA013 (course fraction)		0.052	5.63	4.24	3150	1.86	0.200	0.02	0.379	57.1	7.66	54.8	5.85	35.6	3.89	17.40
URSA014 (course fraction)		3.69	3.50	51.9	4300	2.41	0.140	2.97	33.7	47.4	5.16	157.0	3.76	241	2.54	10.05
URSA015 (course fraction)		0.286	6.94	13.15	5270	2.41	0.236	0.28	1.845	59.0	11.40	90.7	6.88	90.5	4.83	19.65
URSA016 (course fraction)		2.96	3.19	54.7	4400	2.34	0.126	0.26	19.95	39.6	7.84	125.0	3.29	205	2.57	8.51
URSA017 (course fraction)		2.77	2.23	39.5	4750	1.58	0.103	0.55	19.75	27.5	3.97	118.5	2.68	217	2.47	6.31
URSA018 (course fraction)		5.97	3.73	13.00	670	2.41	0.191	0.05	0.327	40.4	0.666	290	3.81	80.0	2.63	13.15



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CERTIFICATE OF ANALYSIS WH21307418

Sample Description	Method Analyte Units LOD	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L	
		Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb
		ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
		0.05	0.004	0.005	0.01	0.005	0.2	0.01	0.2	0.02	0.001	0.005	0.08	0.001	0.01	0.02
URSA001 (course fraction)		0.20	1.390	0.056	1.04	20.4	11.2	0.22	85.2	97.2	0.113	6.30	79.2	0.252	12.30	51.4
URSA002 (course fraction)		0.18	1.410	0.033	1.16	19.60	8.8	0.18	77.6	9.89	0.157	5.07	46.9	0.171	10.35	59.4
URSA003 (course fraction)		0.25	1.530	0.035	1.36	25.5	15.8	0.23	69.7	47.0	0.170	5.83	158.5	0.273	12.25	66.0
URSA004 (course fraction)		0.20	1.580	0.047	0.92	25.9	12.5	0.25	49.4	38.3	0.075	5.33	136.0	0.472	9.19	46.3
URSA005 (course fraction)		0.31	2.60	0.038	1.80	33.1	9.3	0.28	59.8	13.85	0.139	8.64	20.2	0.160	19.55	85.5
URSA006 (course fraction)		0.15	2.54	0.043	1.55	23.2	16.6	0.58	136.5	4.23	0.328	11.00	30.5	0.056	12.10	82.9
URSA007 (course fraction)		0.18	2.10	0.043	1.38	23.6	19.2	0.32	63.4	10.05	0.084	8.25	32.7	0.048	8.72	69.4
URSA008 (course fraction)		0.22	2.01	0.040	1.75	35.6	23.9	1.07	145.0	60.4	0.275	9.19	219	0.155	16.45	82.8
URSA009 (course fraction)		0.20	2.07	0.039	1.72	36.1	24.1	0.52	228	60.4	0.334	9.43	246	0.086	17.15	81.4
URSA010 (course fraction)		0.22	2.95	0.082	3.02	33.1	20.2	0.79	87.8	10.10	0.361	15.85	49.9	0.055	17.55	144.5
URSA011 (course fraction)		0.21	1.875	0.048	1.64	23.8	14.6	0.33	121.0	6.54	0.536	7.08	25.8	0.428	13.85	82.6
URSA012 (course fraction)		0.18	2.39	0.050	2.03	33.3	23.9	0.94	335	72.7	0.337	25.2	221	0.058	18.15	90.2
URSA013 (course fraction)		0.13	2.13	0.059	2.45	27.2	20.6	0.51	260	3.36	0.621	10.05	47.4	0.032	9.92	118.0
URSA014 (course fraction)		0.19	1.725	0.031	1.71	31.1	21.4	1.53	201	43.8	0.265	7.94	275	0.160	12.50	72.4
URSA015 (course fraction)		0.16	2.41	0.069	2.83	29.8	23.9	0.62	134.0	5.81	0.418	10.20	94.8	0.176	19.40	135.5
URSA016 (course fraction)		0.12	1.700	0.033	1.36	25.4	9.0	0.15	277	56.9	0.228	9.66	205	0.072	12.30	62.4
URSA017 (course fraction)		0.11	1.125	0.024	0.92	17.65	13.5	0.27	212	30.0	0.067	5.31	138.0	0.102	8.28	43.1
URSA018 (course fraction)		0.20	1.805	0.029	1.77	28.2	13.4	0.25	107.5	14.80	0.054	7.31	21.4	0.116	12.20	81.7



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Sample Description	Method Analyte Units LOD	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L	ME-MS61L	
		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	W ppm
		0.0004	0.01	0.02	0.01	0.006	0.02	0.02	0.01	0.005	0.004	0.001	0.002	0.01	0.1	0.008
URSA001 (course fraction)		0.0180	0.10	50.4	7.78	23.9	1.19	178.0	0.39	0.375	3.39	0.163	4.03	40.1	2900	1.040
URSA002 (course fraction)		0.0467	0.55	3.89	6.12	16.25	1.16	111.0	0.34	0.155	3.83	0.158	0.536	8.28	380	0.620
URSA003 (course fraction)		0.1345	0.45	16.15	8.35	27.5	1.12	190.0	0.42	0.243	4.57	0.186	1.360	31.1	1840	0.834
URSA004 (course fraction)		0.1105	0.17	11.40	13.55	8.79	1.06	204	0.39	0.173	4.53	0.173	0.932	47.2	1185	0.717
URSA005 (course fraction)		0.0514	1.18	8.03	11.75	33.4	1.93	139.0	0.59	0.284	6.50	0.267	0.969	12.60	454	0.987
URSA006 (course fraction)		0.0124	0.49	2.24	10.80	7.11	1.61	106.5	0.74	0.150	6.68	0.255	0.697	5.43	204	0.916
URSA007 (course fraction)		0.0165	0.30	4.42	8.74	14.00	1.45	64.6	0.61	0.136	5.75	0.194	0.770	16.05	315	0.836
URSA008 (course fraction)		0.0131	0.14	45.0	8.18	10.30	1.48	146.5	0.70	0.213	6.07	0.219	1.865	17.15	2200	1.155
URSA009 (course fraction)		0.0056	0.11	59.6	8.00	8.69	1.35	83.2	0.60	0.207	5.78	0.209	1.990	24.9	2370	1.125
URSA010 (course fraction)		0.0041	0.24	9.41	15.15	7.18	2.83	57.4	1.09	0.109	10.15	0.431	1.750	7.49	283	1.785
URSA011 (course fraction)		0.0115	0.63	2.02	9.99	16.05	1.68	222	0.48	0.164	6.03	0.226	0.669	9.11	310	0.810
URSA012 (course fraction)		0.0042	0.10	53.4	9.35	13.30	1.73	76.0	0.63	0.205	6.03	0.228	2.38	14.80	2100	1.050
URSA013 (course fraction)		0.0008	0.39	1.27	11.55	0.890	2.19	51.9	0.63	0.082	7.37	0.343	0.734	2.16	160.5	1.370
URSA014 (course fraction)		0.0388	0.10	27.1	7.91	16.90	1.19	152.5	0.48	0.138	5.13	0.186	1.435	11.50	1730	0.868
URSA015 (course fraction)		0.0027	0.26	6.64	13.70	2.28	2.47	135.0	0.67	0.093	8.54	0.359	0.921	6.93	180.0	1.465
URSA016 (course fraction)		0.0059	0.04	45.4	6.21	9.48	1.20	47.4	0.50	0.164	4.47	0.162	1.335	11.90	1800	0.853
URSA017 (course fraction)		0.0210	0.11	25.1	5.34	7.67	0.85	76.4	0.31	0.122	3.25	0.114	1.045	7.84	939	0.631
URSA018 (course fraction)		0.0152	0.39	5.01	10.35	26.8	1.58	80.5	0.45	0.209	5.61	0.241	0.934	15.80	645	0.766



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		Y	Zn	Zr	Dy	Er	Eu	Gd	Ho	Lu	Nd	Pr	Sm	Tb	Tm	Yb
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.2	0.1	0.005	0.004	0.004	0.005	0.002	0.002	0.005	0.004	0.004	0.002	0.002	0.004
URSA001 (course fraction)		32.3	279	71.6	4.80	3.22	1.260	6.46	1.070	0.529	23.8	5.66	5.30	0.803	0.464	3.31
URSA002 (course fraction)		21.7	48.6	64.0	3.34	2.15	0.900	4.28	0.713	0.361	23.8	5.85	4.66	0.535	0.329	2.27
URSA003 (course fraction)		43.9	180.0	80.0	5.72	3.90	1.435	7.43	1.285	0.649	33.2	8.05	6.73	0.938	0.577	4.06
URSA004 (course fraction)		72.9	405	93.6	10.90	7.14	2.49	13.30	2.37	1.035	35.9	7.99	9.74	1.755	1.015	6.94
URSA005 (course fraction)		49.9	31.0	110.5	8.40	5.38	2.18	10.60	1.830	0.842	50.9	12.05	10.75	1.355	0.790	5.32
URSA006 (course fraction)		15.65	95.9	107.0	2.98	1.830	0.785	3.59	0.610	0.322	23.0	6.23	4.29	0.492	0.275	2.02
URSA007 (course fraction)		22.2	141.0	88.1	3.62	2.42	0.940	4.59	0.774	0.401	26.9	6.74	5.16	0.569	0.363	2.57
URSA008 (course fraction)		49.5	1980	101.5	4.96	3.56	1.250	6.66	1.135	0.536	33.2	8.36	6.16	0.805	0.506	3.46
URSA009 (course fraction)		57.5	1620	110.0	5.79	4.15	1.340	7.42	1.360	0.630	34.0	8.39	6.44	0.923	0.611	4.01
URSA010 (course fraction)		18.45	349	117.5	3.48	2.08	1.060	4.64	0.701	0.351	31.0	8.47	5.68	0.597	0.320	2.22
URSA011 (course fraction)		26.4	82.0	80.8	4.04	2.72	1.120	5.25	0.888	0.469	28.0	6.99	5.60	0.660	0.410	2.91
URSA012 (course fraction)		47.8	2160	141.5	4.83	3.56	1.000	4.81	1.140	0.583	31.4	8.03	5.64	0.798	0.529	3.75
URSA013 (course fraction)		11.65	181.5	80.5	2.06	1.325	0.701	2.37	0.457	0.242	25.1	6.89	4.71	0.366	0.209	1.535
URSA014 (course fraction)		63.4	1680	101.0	6.72	4.72	1.515	7.47	1.500	0.730	33.6	8.21	7.32	1.195	0.661	4.64
URSA015 (course fraction)		21.9	465	90.0	3.79	2.22	1.200	4.57	0.746	0.365	29.1	7.70	6.10	0.734	0.339	2.39
URSA016 (course fraction)		38.5	995	95.4	4.14	2.99	0.961	4.67	0.902	0.466	25.0	6.25	5.07	0.710	0.418	2.89
URSA017 (course fraction)		33.4	857	63.1	3.72	2.65	0.770	3.95	0.832	0.405	19.25	4.74	4.11	0.635	0.386	2.66
URSA018 (course fraction)		31.9	90.5	85.9	4.82	3.17	1.285	5.27	1.035	0.522	33.5	8.33	6.70	0.852	0.457	3.27



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CERTIFICATE COMMENTS	
	LABORATORY ADDRESSES
Applies to Method:	Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada. FND-03 PUL-31
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada. ME-MS61L MS61L-REE