



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: TRIUMPH GOLD CORP.
1111 MELVILLE STREET
SUITE 1100
VANCOUVER BC V6E 3V6

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Total # Pages: 3 (A - D)
Plus Appendix Pages
Finalized Date: 18-SEP-2023
Account: NOFREG

CERTIFICATE WH23251100

Project: Tad Toro

This report is for 46 samples of Rock submitted to our lab in Whitehorse, YT, Canada on 16-AUG-2023.

The following have access to data associated with this certificate:

JESSE HALLE

MARTY HENNING

GRAEME HOPKINS

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21	Sample logging - ClientBarCode
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize up to 250g 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS61	48 element four acid 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, Director, North Vancouver Operations



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CERTIFICATE OF ANALYSIS WH23251100

Sample Description	Method Analyte Units LOD	WEI-21	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
		Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe
		kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.02	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01
D864528		1.85	0.09	8.29	4.7	250	2.55	0.06	5.83	1.07	72.8	23.7	20	1.33	56.5	7.27
D864529		1.56	0.18	8.33	31.6	320	0.83	0.07	7.32	0.34	26.4	29.2	40	1.31	146.5	6.44
D864530		3.69	0.13	8.42	3.3	80	0.95	0.13	8.67	0.22	18.85	31.2	48	0.33	80.2	6.39
D864531		0.12	5.30	6.57	32.7	300	0.80	1.23	0.89	5.43	24.2	14.3	23	7.64	5280	6.42



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		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
D864528		22.5	0.18	1.0	0.086	1.06	35.2	7.8	2.45	1595	0.62	3.40	16.4	16.0	2540	32.8
D864529		18.45	0.09	0.5	0.075	0.79	11.4	6.0	2.12	1130	3.08	1.90	4.1	39.4	940	10.4
D864530		19.20	0.10	0.6	0.057	0.15	8.2	7.4	2.87	1390	0.46	2.64	2.5	28.7	720	28.3
D864531		15.35	0.08	0.2	0.300	2.36	11.8	25.9	0.59	933	146.5	0.43	3.2	17.9	560	139.0



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		Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	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
D864528		31.7	<0.002	0.10	0.69	31.6	1	2.4	834	1.05	0.06	8.05	0.651	0.25	1.8
D864529		13.4	0.005	0.40	0.68	28.5	1	1.1	430	0.25	0.13	1.64	0.617	0.20	1.0
D864530		1.9	<0.002	0.08	1.70	36.3	1	0.7	958	0.14	0.10	1.06	0.535	0.04	0.5
D864531		85.1	0.260	4.37	2.83	6.2	7	3.1	123.0	0.22	0.88	3.19	0.146	1.48	0.4



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Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Au-AA23
		W	Y	Zn	Zr	Au
		ppm 0.1	ppm 0.1	ppm 2	ppm 0.5	ppm 0.005
D864528		0.6	44.6	246	14.6	<0.005
D864529		0.5	27.6	126	7.8	0.005
D864530		0.3	17.8	100	10.9	<0.005
D864531		3.3	7.0	892	3.8	0.685



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CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

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

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.
CRU-31 CRU-QC LOG-23
PUL-31 PUL-QC SPL-21 WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au-AA23 ME-MS61