2008 Report on Exploration Activities
Rock and Stream Sediment Sampling and Geochemistry
Dill #2 Property
(Tenure No. 249368)

Similkameen Mining Division, British Columbia
NTS:092H09/16
Latitude 49°44'56" N, Longitude 120°26'55" W
UTM Zone 10: 683791m E, 5513836m N (NAD 83)

November 10, 2008

(BC 2008 Assessment)

by

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and
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1.0 Introduction

This report describes the geochemical results of stream sediment and rock sampling conducted during 2008 on the Dill #2 claim to substantiate the related expenditures applied toward assessment credits. The work was carried out over August 27th and 28th of 2008 and consisted of sediment sampling of streams draining the Dill project in order to characterize the geochemical response of known mineralization and to explore for further previously unidentified mineralization. The work was carried out by Rio Minerals Ltd. on a contract basis.

1.1 Location and Access

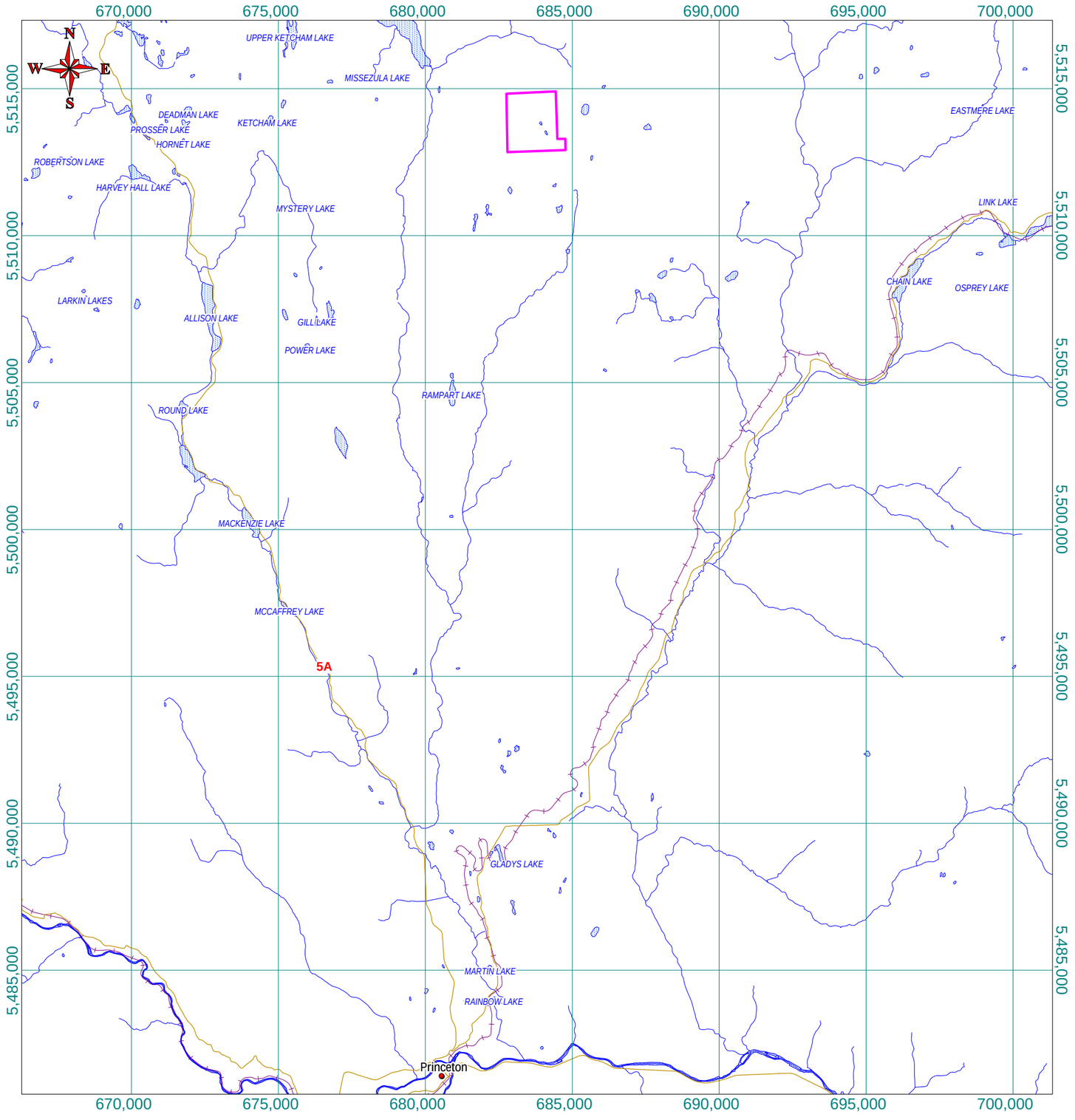
The Dill #2 property is located 50 kilometres west of Peachland and 10.5 kilometres north of Princeton in south-central British Columbia (Figure 1). The property is centred on latitude 49°44'56" N and longitude 120°26'55" W within NTS map areas 092H09 and 092H16. Gravel roads provide access from Peachland and the Princeton-Merritt highway (5A), and from the Coquihalla highway via the Shrimpton Creek road south from the Loon Lake exit. Logging roads provide good access throughout the property.

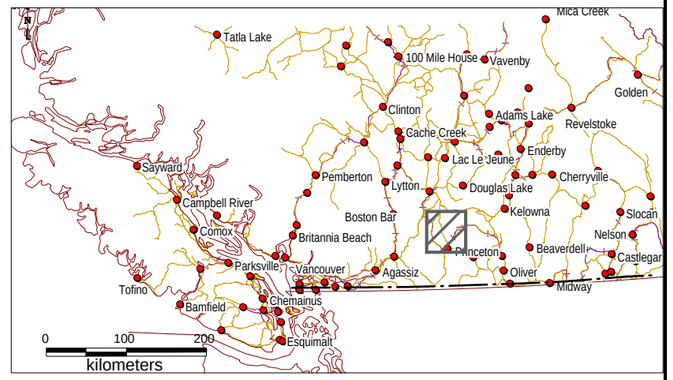
The claim covers an area of 400 hectares in hilly terrain on an upland plateau. Elevations range from 1400m to 1700m above sea level. Galois Creek cuts through the property, draining west-north-west into Summers Creek and Missezula Lake to the west of the property. Till cover is thin with moderately abundant areas of outcrop. Mature stands of spruce, fir and pine have been logged in scattered plots. Precipitation is low to moderate, with temperatures ranging from -20°C to 30°C. The area is snow-free from June through October.

1.2 Description of Claim

The Dill 2 claim was originally staked in October, 1988 by Fairfield Minerals Ltd. as part of a larger group of contiguous claims (Dill 1 through Dill 30) staked between 1988 and 1990. All other claims were forfeited in June 2001, and ownership of the remaining reconfigured Dill #2 claim transferred to Almaden Minerals Ltd. in February, 2002. The location of the claim is shown in Figure 2, and the claim data is listed below:

Tenure #	Claim Name	Ownership	Area (Ha)	Expiry Date
249368	Dill #2	144134 – Almaden Minerals	400	2009/SEP/30





LEGEND

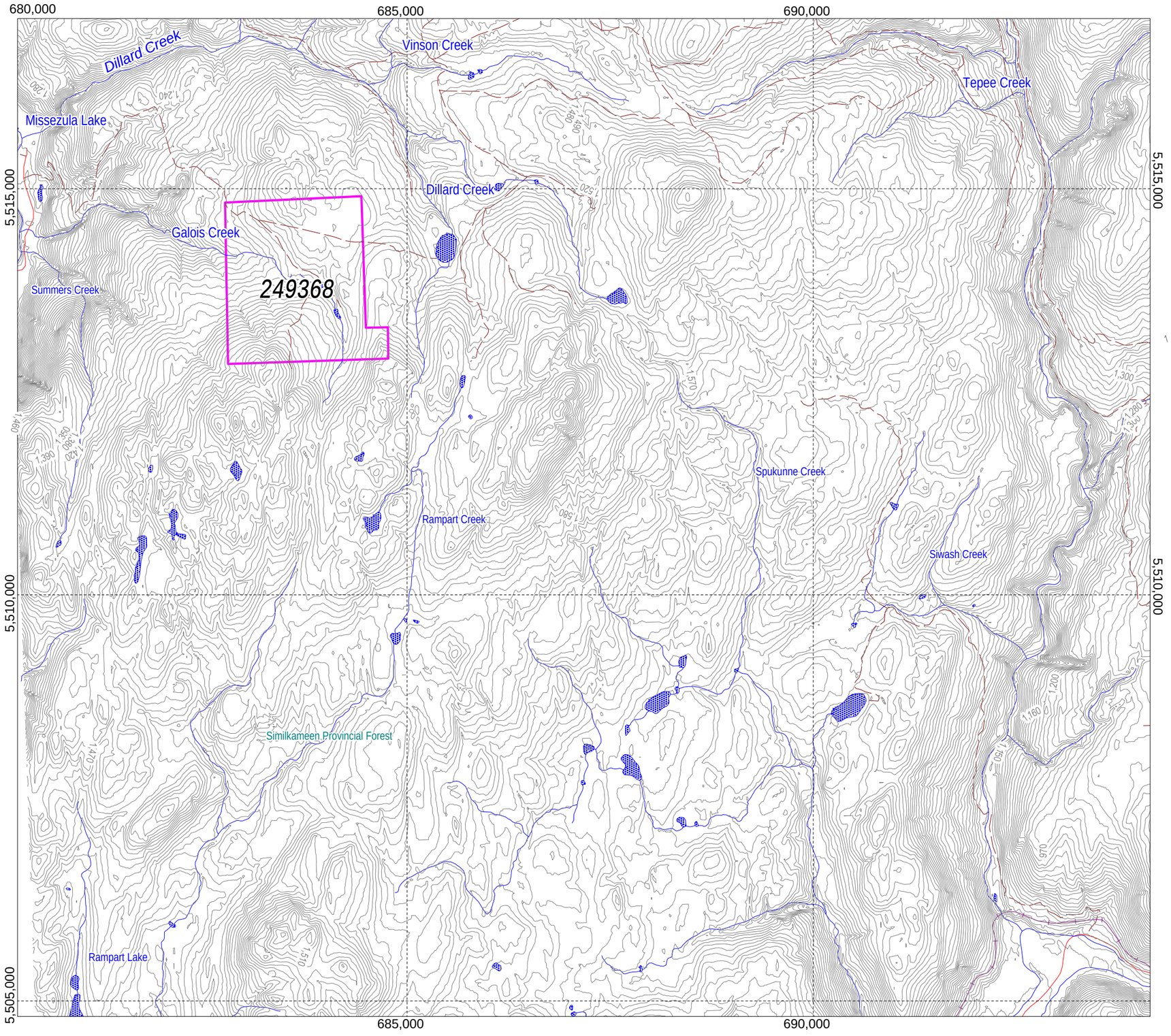
- Property Outline
- Rail
- Stream/River
- Road
- Lake
- City/Town

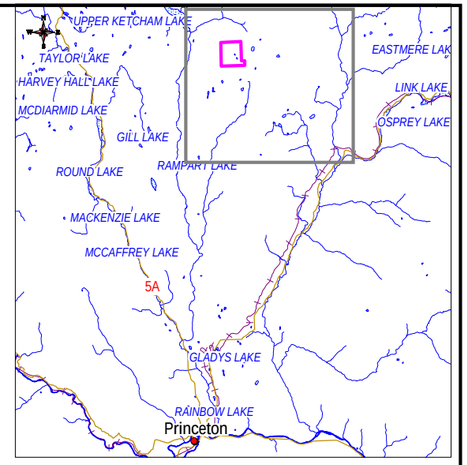
ALMADEN MINERALS LTD.

	Dill Project, BC, Canada **Location Map** **Figure 1**
Date:20/10/2008	
Author:	
Office:	
Drawing:	
Scale: 1:150000	Projection: UTM Zone 10 (NAD 83)

0 2.5 5 10

kilometres





LEGEND

- Property Outline
- Lake
- Topographic Contour (10 m)
- Road
- Limited Use Road
- Railway
- River

ALMADEN MINERALS LTD

	Dill Project, BC, Canada **Claim Map** **Figure 2**
Date:14/10/2008	
Author:	
Office: AMM	
Drawing:	
Scale: 1:50000	Projection: UTM Zone 10 (NAD 83)

0 1.5 3

kilometres

1.3 History

The claim and surrounding area were explored for copper, gold and silver from 1963 through 1970 by several companies using soil sampling, mapping, trenching, IP, ground EM, airborne magnetometer and percussion and diamond drilling. Intercepts from a 1969 drilling program on the property (within the current claim boundary) include 0.13% Cu over 296 m and 0.26% Cu over 207 m including 59 m of 0.37% Cu.

The area to the east of the Dill #2 property was explored for copper in 1981 and 1983 by Cominco. Geologic mapping, soil sampling and ground geophysics discovered disseminated chalcopyrite and chalcopyrite in calcite veins cutting volcanic rocks intruded by dykes of variable composition.

The claim area was staked by Fairfield Minerals in 1998 following a grid soil sampling program that identified areas of anomalous geochemistry. Placer Dome Inc. subsequently optioned the claim in 1989, staked several surrounding claims and conducted a program of soil sampling, IP, trenching and rock sampling. Continuous chip samples across quartz veins and altered wallrock from trenches east of the Dill #2 claim yielded values up to 254.4 g/t Au over 0.5 metres.

A 1990 program of IP, magnetometer and VLF-EM surveys identified two parallel high chargeability trends over the anomalous copper/gold soil geochemistry zone inside the Dill #2 claim. These were tested in 1991 with a program of eleven diamond drill holes totaling 2030 m. Intersections of significant chalcopyrite mineralization were largely structurally controlled and hosted by monzonites, monzodiorites and diorites in the south and andesitic volcanic rocks in the north. Significant intercepts include 187.1 m of 0.24% Cu (D91-2), 48.2 m of 0.28% Cu (D91-5) and 180.4 m of 0.13% Cu (D93-8). Gold values were generally low with only one isolated insersection of 710 ppb Au over 3.1 m, leaving the source of numerous gold soil geochemical anomalies (>50 ppb Au) unexplained.

1.4 2008 Exploration Program

The 2008 exploration program consisted of stream sediment sampling in the Galois Creek watershed and rock sampling from an outcrop near the access road in the northwest corner of the property. Twelve stream sediment samples and one rock sample were collected and submitted to the ALS Chemex laboratory for analysis.

2.0 Geologic Setting

2.1 Regional Geology

The Dill #2 property is located in the Intermontane tectonic belt in south-central British Columbia. The regional geology is shown in Figure 3 (simplified from Tempelman-Kluit, 1989). The property is underlain by the Nicola Group, a package of intermediate to mafic volcanic rocks with minor limestone and sandstone intruded by contemporaneous bodies of monzonite, diorite, granodiorite and dacite. These rocks have a genetic association with tectonic activity along the Summer's Creek and Allison fault systems which were active in the Late Triassic.

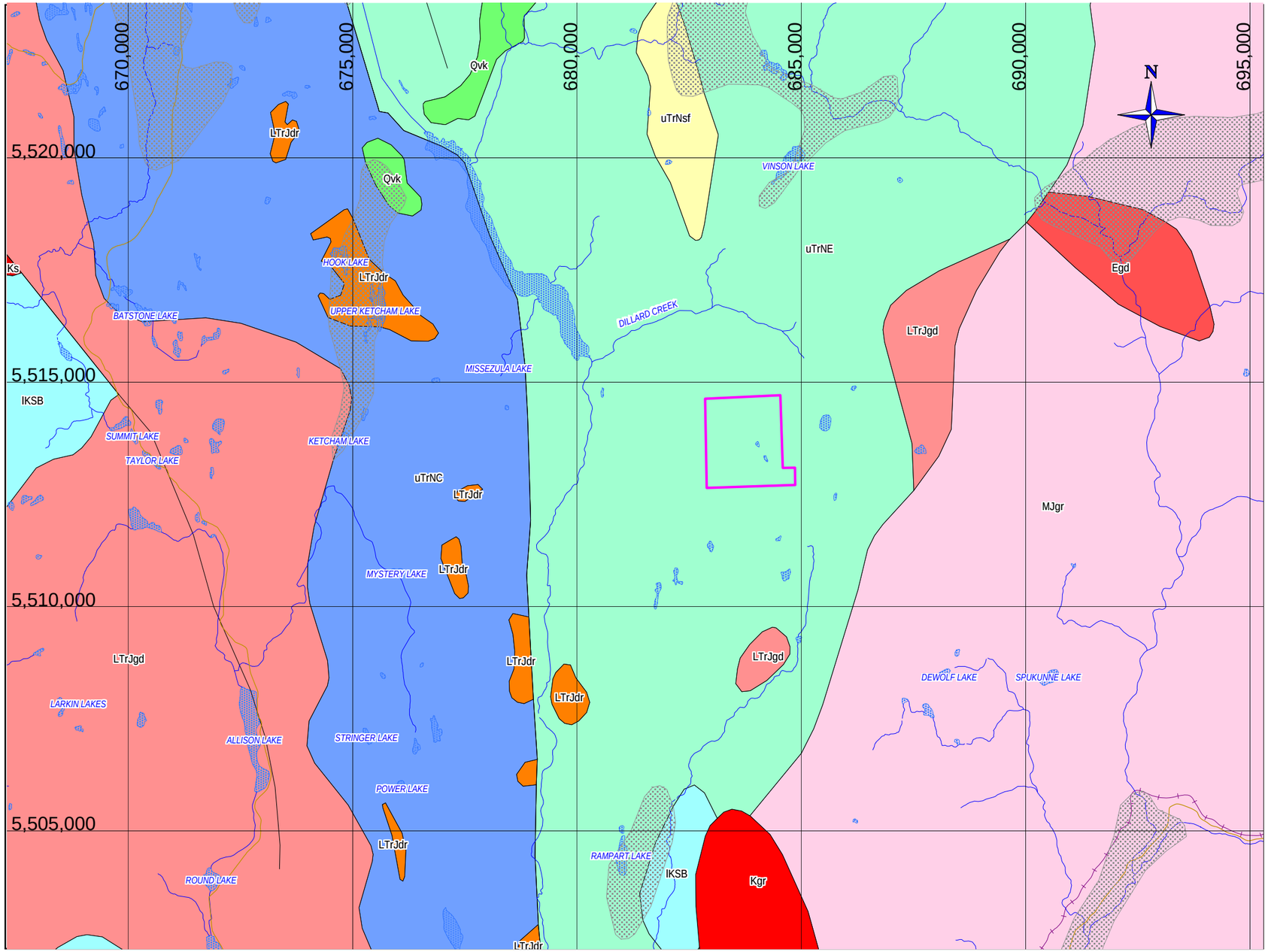
2.2 Property Geology

The Nicola Group volcanic rocks comprise predominantly light green to almost black, fine-grained andesite containing up to 70% augite ± hornblende and plagioclase phenocrysts. Less common volcanic breccia consist of sparse to concentrated clasts of granodiorite, monzonite, syenite and volcanic rock up to 15 cm, but typically 0.5 – 3 cm, with diffuse margins supported by a dark green to black fine-grained matrix with local augite±hornblende phenocrysts. Coarse-grained andesites, trachyandesites and fine-grained tuffs are locally present.

The intrusive rocks are predominantly monzonites and monzodiorites with lesser diorites and dacites. Porphyritic textures are common, with 1 – 3 mm hornblende and plagioclase phenocrysts in a groundmass that varies from aphanitic to medium-grained interlocking crystals. Post-mineralization porphyritic dykes indicate multiple intrusive events.

2.3 Alteration

The rocks are massive, non-foliated and weakly metamorphosed, locally grading into greenschist facies. Weak sericitic and propylitic alteration is common, with plagioclase phenocryst cores replaced by sericite ± calcite and mafic minerals altered to chlorite ± epidote, carbonate, biotite and secondary amphibole. Zones of intense argillic and carbonate alteration are locally developed around faults or areas of intense fracturing; primary textures are destroyed resulting in an orange to green incompetent aggregate of sericite, K-feldspar and clay minerals. Potassic alteration occurs as locally pervasive pink K-feldspar flooding of the volcanic rock, as thin K-feldspar alteration selvedges along carbonate ± epidote stringers and as K-feldspar filling



LEGEND

CENOZOIC

- Qlc - Quaternary - Thick drift: alluvium, glaciofluvial and lacustrine deposits, till, coluvium
- Qvk - Quaternary - Unnamed alkaline volcanic rocks
- Egd - Tertiary - Unnamed granodioritic intrusive rocks

MESOZOIC

- Kgr - Unnamed granite, alkali feldspar granite intrusive rocks
- MJgr - Unnamed granite, alkali feldspar granite intrusive rocks
- LTRJdr - Unnamed dioritic intrusive rocks
- LTrJgd - Unnamed granodioritic intrusive rocks
- IKSB - Spences Bridge Group undivided volcanic rocks
- uTrNE - Nicola Group - Eastern Volcanic Facies basaltic volcanic rocks
- uTrNsf - Nicola Group mudstone, siltstone, shale fine clastic sedimentary rocks
- Fault
- Claim Outline
- Road
- Rail
- River
- Lake

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	Dill Project, BC, Canada Geology Map Figure 3
Date:17/10/2008	
Author:	
Office: AMM	
Drawing:	
Scale: 1:100000	Projection: UTM Zone 10 (NAD 83)

0 2.5 5

kilometres

microfractures. Silicification is confined to rare quartz ± calcite ± epidote veins and stringers. Hematite alteration is locally intensive due to near-surface oxidation and hydrothermal alteration at depth.

2.4 Mineralization

Both the volcanic and intrusive rocks host abundant pyrite (up to 10%) and chalcopyrite (up to 1%). Pyrite is present in veinlets (± carbonate, sericite, epidote, quartz) and as fine- to medium-grained disseminations. Chalcopyrite is present as fracture coatings, disseminations, masses and fine veinlets. The chalcopyrite mantles, fills fractures in and is interstitial to pyrite. Chalcopyrite is spatially associated with potassic alteration. Although low overall, enriched gold values (up to 710 ppb over 3.1 m) are spatially associated with quartz ± calcite, epidote veinlets.

3.0 Geochemistry

3.1 Stream Sediment Sampling

Stream sediment sampling was conducted in the Galois Creek watershed that transects the property from the southeast to the northwest. Twelve sediment samples were collected and submitted to ALS Chemex Labs for multi-element ICPMS analysis (ME-MS41) and super trace gold analysis (Au-ST44) on a 50g nominal sample weight.

3.2 Rock Sampling

One rock sample was collected from outcrop adjacent to the logging road in the northwest corner of the property. The sample was submitted to the ALS-Chemex laboratory for multi-element ICPMS analysis (ME-MS41) and digestion super trace gold analysis (Au-ST44) on a 50g nominal sample weight. Since the sample exceeded 0.1ppm Au, it was also analyzed using the ore-grade gold ICPMS analysis (Au-OG44).

3.3 Sampling and Analytical Procedures

Both stream sediment and rock sample locations were marked in the field with pink flagging and UTM coordinates (NAD83) determined using a handheld GPS instrument.

Stream sediment samples with minimal organic matter (approximately 0.5kg) were collected from the finest silt/sand material available in each active channel. Samples were field sieved to -20 mesh, placed in labeled 10cm x 15cm kraft paper bags and shipped to ALS Chemex laboratory in North Vancouver by Greyhound Bus courier. Sample preparation at the laboratory involved drying at 60°C and sieving of up to 100 grams of each sample to -150 mesh. A 50 gram split was then cut, digested in aqua regia and analyzed by ICPMS (multi-element analysis ME-MS41 and trace gold analysis Au-ST44).

The rock sample was chipped from outcrop, placed in a labeled plastic bag, secured with a plastic cinch tie and shipped with the sediment samples to the ALS Chemex laboratory. The rock was crushed to 70% -10 mesh, riffle split and pulverized to 80% -200 mesh. A 50 gram split was then cut, digested in aqua regia and analyzed by ICPMS multi-element analysis ME-MS41, trace gold analysis Au-ST44) and ore-grade gold ICPMS analysis (Au-OG44).

3.4 Stream Sediment and Rock Sample Results

Stream sediment and rock sample locations for the 2008 program are shown in Figure 4; descriptions of the stream sediments and sediment sample locations are presented in Appendix I. Both the stream sediments and the rock sample were anomalous in copper, gold and molybdenum (Appendix II), with a strong correlation (0.75) noted between copper and gold in the stream sediment samples (Table 1). Analytical results for the stream sediments (including percentile breaks) and rock sample are plotted for gold (Figure 5), copper (Figure 6) and molybdenum (Figure 7).

Stream sediment samples returning greater than the 98th percentile results for gold (greater than 36.0 ppb Au) and copper (greater than 297.8 ppm Cu) were located to the west of the property; within the property, elevated values (greater than 90th percentile) for gold and copper also cluster in the west. The highest molybdenum value (98th percentile, greater than 1.46 ppm Mo), on the other hand, is located near the headwaters of Galois Creek in the southeastern portion of the property with elevated values clustered near the centre of the property.

	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr
Au	1.00																																																		
Ag	0.21	1.00																																																	
Al	0.12	0.85	1.00																																															
As	0.14	0.56	0.77	1.00																																														
B	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	1.00																																												
Ba	0.12	0.59	0.58	0.72	#DIV/0!	1.00																																												
Be	0.07	0.61	0.74	0.50	#DIV/0!	0.08	1.00																																										
Bi	0.51	0.21	0.36	0.37	#DIV/0!	0.10	0.30	1.00																																									
Ca	-0.09	0.64	0.34	0.00	#DIV/0!	0.34	0.34	-0.10	1.00																																									
Cd	-0.05	0.59	0.40	0.34	#DIV/0!	0.81	-0.07	-0.04	0.52	1.00																																								
Ce	0.05	0.41	0.60	0.48	#DIV/0!	-0.04	0.96	0.30	0.12	-0.24	1.00																																							
Co	0.21	-0.07	0.26	0.59	#DIV/0!	0.43	-0.12	0.30	-0.54	0.13	-0.08	1.00																																						
Cr	0.31	-0.45	-0.10	0.17	#DIV/0!	-0.04	-0.20	0.12	-0.72	-0.41	-0.07	0.73	1.00																																					
Cs	-0.17	0.39	0.19	0.11	#DIV/0!	0.70	-0.30	-0.23	0.48	0.87	-0.50	0.05	-0.33	1.00																																				
Cu	0.75	0.12	0.02	0.20	#DIV/0!	0.44	-0.38	0.31	-0.10	0.29	-0.46	0.50	0.35	0.28	1.00																																			
Fe	0.16	-0.20	0.16	0.61	#DIV/0!	0.43	0.00	0.18	-0.45	0.02	0.10	0.84	0.69	-0.06	0.35	1.00																																		
Ga	0.12	0.53	0.85	0.80	#DIV/0!	0.40	0.81	0.41	0.08	0.11	0.78	0.41	0.13	-0.13	-0.08	0.49	1.00																																	
Ge	-0.01	-0.14	0.29	0.52	#DIV/0!	0.09	0.30	0.18	-0.54	-0.18	0.43	0.75	0.67	-0.33	-0.07	0.75	0.61	1.00																																	
Hf	-0.21	0.35	0.69	0.59	#DIV/0!	0.12	0.77	0.33	0.10	-0.03	0.76	0.25	-0.02	-0.22	-0.39	0.30	0.88	0.56	1.00																																	
Hg	0.07	0.86	0.76	0.65	#DIV/0!	0.86	0.28	0.18	0.52	0.84	0.08	0.21	-0.34	0.71	0.29	0.06	0.46	-0.06	0.28	1.00																																
In	0.12	0.23	0.58	0.54	#DIV/0!	0.01	0.80	0.53	-0.02	-0.24	0.87	0.19	0.14	-0.52	-0.29	0.35	0.84	0.56	0.84	0.05	1.00																																
K	0.23	0.45	0.61	0.44	#DIV/0!	0.16	0.87	0.35	0.30	-0.10	0.83	-0.03	0.08	-0.26	-0.21	0.17	0.71	0.37	0.56	0.17	0.73	1.00																																
La	0.12	0.54	0.59	0.37	#DIV/0!	-0.04	0.96	0.23	0.33	-0.15	0.95	-0.29	-0.26	-0.39	-0.43	-0.13	0.66	0.21	0.62	0.15	0.73	0.83	1.00																																
Li	0.16	0.75	0.79	0.43	#DIV/0!	0.18	0.93	0.29	0.49	0.11	0.82	-0.18	-0.27	-0.06	-0.28	-0.16	0.72	0.18	0.64	0.45	0.63	0.84	0.89	1.00																																
Mg	0.37	-0.37	0.03	0.29	#DIV/0!	0.00	0.11	0.40	-0.51	-0.36	0.23	0.68	0.81	-0.42	0.27	0.80	0.42	0.76	0.31	-0.29	0.52	0.36	0.02	-0.03	1.00																																
Mn	0.00	0.37	0.37	0.63	#DIV/0!	0.92	0.02	0.02	0.29	0.72	-0.05	0.37	0.01	0.62	0.32	0.52	0.30	0.15	0.03	0.65	-0.01	0.19	-0.07	0.05	0.09	1.00																																
Mo	0.19	0.63	0.77	0.81	#DIV/0!	0.66	0.50	0.32	0.25	0.49	0.42	0.55	0.03	0.18	0.28	0.50	0.78	0.48	0.62	0.69	0.50	0.40	0.35	0.49	0.28	0.55	1.00																																
Na	-0.06	-0.07	0.15	0.09	#DIV/0!	-0.11	0.34	0.42	0.14	-0.25	0.32	-0.06	-0.08	-0.23	-0.18	0.15	0.37	-0.01	0.54	-0.11	0.56	0.29	0.22	0.18	0.31	-0.13	0.04	1.00																																
Nb	-0.11	0.30	0.59	0.39	#DIV/0!	-0.16	0.89	0.35	0.04	-0.33	0.93	-0.04	-0.02	-0.55	-0.55	0.06	0.75	0.43	0.83	0.00	0.89	0.75	0.83	0.73	0.24	-0.19	0.33	0.47	1.00																																
Ni	-0.02	-0.02	0.44	0.58	#DIV/0!	0.28	0.34	0.29	-0.25	-0.08	0.38	0.73	0.65	-0.17	0.03	0.78	0.69	0.83	0.64	0.09	0.62	0.49	0.15	0.22	0.79	0.31	0.56	0.34	0.48	1.00																																
P	0.09	0.17	0.18	0.54	#DIV/0!	0.72	-0.34	-0.04	-0.20	0.54	-0.33	0.65	0.32	0.42	0.52	0.51	0.04	0.26	-0.20	0.49	-0.24	-0.26	-0.40	-0.31	0.08	0.69	0.44	-0.53	-0.41	0.22	1.00																																
Pb	-0.13	0.19	0.51	0.21	#DIV/0!	-0.12	0.71	0.36	0.09	-0.24	0.68	0.04	0.12	-0.26	-0.45	0.09	0.64	0.43	0.70	-0.01	0.68	0.76	0.58	0.67	0.35	-0.11	0.20	0.52	0.81	0.59	-0.49	1.00																															
Rb	0.38	0.60	0.63	0.25	#DIV/0!	0.33	0.47	0.38	0.37	0.21	0.29	0.02	0.08	0.23	0.18	-0.08	0.41	0.00	0.19	0.44	0.24	0.67	0.37	0.66	0.09	0.20	0.24	0.12	0.30	0.27	-0.10	0.59	1.00																														
Re	0.10	0.54	0.61	0.57	#DIV/0!	0.68	0.01	0.17	0.11	0.66	-0.14	0.63	0.08	0.53	0.49	0.31	0.40	0.22	0.28	0.77	0.00	-0.12	-0.19	0.11	0.02	0.43	0.73	-0.12	-0.10	0.35	0.62	-0.06	0.24	1.00																													
S	-0.30	0.49	0.35	0.28	#DIV/0!	0.58	0.20	0.02	0.80	0.67	0.05	-0.22	-0.64	0.56	-0.08	-0.07	0.20	-0.34	0.26	0.61	0.09	0.11	0.12	0.23	-0.35	0.57	0.41	0.33	0.03	-0.01	0.10	0.00	0.09	0.29	1.00																													
Sb	0.38	0.42	0.29	0.15	#DIV/0!	-0.12	0.72	0.35	0.34	-0.17	0.74	-0.47	-0.35	-0.41	-0.21	-0.28	0.33	-0.12	0.24	0.03	0.53	0.67	0.85	0.69	-0.06	-0.11	0.10	0.19	0.55	-0.18	-0.42	0.29	0.29	-0.40	0.09	1.00																													
Sc	0.27	0.18	0.55	0.63	#DIV/0!	0.13	0.70	0.46	-0.26	-0.26	0.79	0.42	0.49	-0.49	-0.11	0.55	0.80	0.74	0.63	0.03	0.86	0.79	0.64	0.55	0.68	0.16	0.46	0.27	0.76	0.73	0.03	0.65	0.38	0.02	-0.19	0.44	1.00																													
Se	0.04	0.62	0.52	0.44	#DIV/0!	0.78	0.02	0.03	0.59	0.80	-0.19	0.27	-0.21	0.69	0.43	0.14	0.25	-0.11	0.15	0.82	-0.08	-0.01	-0.13	0.16	-0.15	0.62	0.68	-0.05	-0.20	0.19	0.52	-0.15	0.28	0.81	0.70	-0.24	-0.17	1.00																													
Sn	-0.15	0.28	0.29	0.59	#DIV/0!	0.74	0.11	0.05	0.28	0.42	0.06	0.16	-0.08	0.45	0.10	0.41	0.27	0.00	0.10	0.47	0.05	0.25	0.03	0.06	0.01	0.84	0.29	0.17	-0.04	0.25	0.42	0.03	0.18	0.15	0.57	0.01	0.17	0.37	1.00																													
Sr	-0.22	0.37	0.55	0.53	#DIV/0!	0.41	0.59	0.11	0.48	0.27	0.52	0.14	-0.19	0.10	-0.21	0.37	0.71	0.30	0.77	0.39	0.63	0.50	0.44	0.48	0.24	0.41	0.69	0.56	0.51	0.56	-0.06	0.45	0.12	0.29	0.69	0.16	0.38	0.49	0.41	1.00																													
Ta	-0.30	0.30	0.55	0.68	#DIV/0!	0.20	0.60	0.06	-0.06	-0.16	0.63	0.19	0.04	-0.29	-0.34	0.33	0.65	0.40	0.63	0.19	0.55	0.42	0.51	0.37	0.09	0.21	0.43	0.21	0.66	0.45	0.12	0.38	0.02	0.11	0.13	0.19	0.56	0.00	0.44	0.47	1.00																													
Te	0.72	-0.16	-0.14	0.14	#DIV/0!	0.11	-0.27	0.65	-0.26	-0.08	-0.24	0.45	0.38	-0.14	0.77	0.37	-0.03	0.09	-0.20	-0.04	0.05	-0.09	-0.28	-0.26	0.51	0.09	0.19	0.07	-0.29	0.12	0.26	-0.26	0.01	0.14	-0.16	0.00	0.09	0.10	-0.02	-0.15	-0.29	1.00																													
Th	-0.04	-0.40	0.03	0.25	#DIV/0!	-0.32	0.39	0.25	-0.50	-0.64	0.59	0.31	0.50	-0.75	-0.33	0.56	0.50	0.70	0.57	-0.49	0.75	0.42	0.36	0.11	0.74	-0.18	0.11	0.48	0.65	0.64	-0.25	0.51	-0.18	-0.32	-0.30	0.19	0.74	-0.50	-0.03	0.35	0.49	0.08	1.00																													
Ti	-0.27	-0.68	-0.25	-0.01	#DIV/0!	-0.38	0.01	0.04	-0.56	-0.55	0.19	0.36	0.52	-0.54	-0.30	0.57	0.22	0.62	0.39	-0.60	0.44	0.06	-0.06	-0.26	0.69	-0.20	-0.05	0.49	0.34	0.61	-0.22	0.36	-0.38	-0.25	-0.27	-0.24	0.40	-0.43	-0.10	0.28	0.26	0.03	0.86	1.00																													
Tl	0.00	0.75	0.75	0.78	#DIV/0!	0.89	0.25	0.14	0.34	0.71	0.08	0.39	-0.10	0.64	0.28	0.25	0.49	0.10	0.31	0.93	0.06	0.19	0.09	0.36	-0.15	0.70	0.65	-0.08	0.03	0.28	0.59	0.05	0.44	0.76	0.50	-0.08	0.16	0.74	0.64	0.37	0.37	-0.07	-0.34	-0.45	1.00																													
U	0.03	0.76	0.77	0.50	#DIV/0!	0.17	0.93	0.20	0.45	0.15	0.85	-0.19	-0.44	-0.13	-0.33	-0.15	0.74	0.15	0.71	0.46	0.64	0.66	0.90	0.90	-0.16	0.04	0.58	0.17	0.74	0.12	-0.23	0.48	0.34	0.17	0.32	0.68	0.47	0.18	0.06	0.55	0.54	-0.32	0.14	-0.21	0.35	1.00																													
V	-0.11	-0.50	-0.08	0.32	#DIV/0!	-0.06	-0.13	0.09	-0.74	-0.34	0.04	0.73	0.66	-0.36	0.05	0.77	0.30	0.72	0.36	-0.28	0.32	-0.17	-0.24	-0.37	0.68	-0.03	0.19	0.25	0.14	0.63	0.24	0.06	-0.44	0.18	-0.34	-0.43	0.38	-0.19	-0.02	0.17	0.33	0.22	0.70	0.81	-0.08	-0.24	1.00																													
W	0.42	0.23	0.35	0.02	#DIV/0!	-0.18	0.46	0.37	-0.08	-0.29	0.42	0.02	0.33	-0.32	0.01	-0.10	0.29	0.19	0.13	-0.08	0.34	0.63	0.43	0.52	0.28	-0.25	-0.03	0.08	0.48	0.27	-0.29	0.65	0.77	-0.07	-0.42	0.38	0.55	-0.25	-0.23	-0.17	0.03	-0.02	0.17	-0.05	-0.03	0.25	-0.20	1.00																													
Y	0.16	0.66	0.64	0.39	#DIV/0!	0.06	0.94	0.23	0.42	-0.03	0.90	-0.32	-0.34	-0.28	-0.36	-0.20	0.63	0.11	0.56	0.28	0.65	0.80	0.98	0.92	-0.09	-0.01	0.38	0.14	0.75	0.07	-0.33	0.51	0.43	-0.11	0.18	0.87	0.56	-0.03	0.06	0.41	0.46	-0.27	0.21	-0.23	0.20	0.92	-0.36	0.42	1.00																													
Zn	-0.35	-0.41	0.01	0.13	#DIV/0!	-0.26	0.32	0.16	-0.28	-0.41	0.44	0.25	0.30	-0.43	-0.46	0.48	0.44	0.62	0.64	-0.39	0.63	0.34	0.21	0.08	0.62	-0.10	0.10	0.64	0.57	0.68	-0.36	0.65	-0.14	-0.22	-0.03	-0.03	0.52	-0.32	0.05	0.53	0.36	-0.11	0.85	0.91	-0.27	0.08	0.62	0.06	0.06	1.00																													
Zr	-0.29	0.16	0.51	0.46	#DIV/0!	-0.05	0.74	0.29	0.06	-0.20	0.78	0.14	-0.04	-0.39	-0.52	0.28	0.78	0.53	0.96	0.05	0.87	0.54	0.62	0.54	0.34	-0.06	0.47	0.63	0.86	0.60	-0.32	0.70	0.03	0.06	0.24	0.29	0.62	-0.02	0.07	0.77	0.64	-0.22	0.71	0.55	0.09	0.64	0.40	0.08	0.53	0.77	1.00	

correlation	
grey	>0.2
green	>0.5
yellow	>0.7
red	>0.85

Table 1. Correlation coefficients between analyzed elements for 12 stream sediments samples, Dill #2 Property.

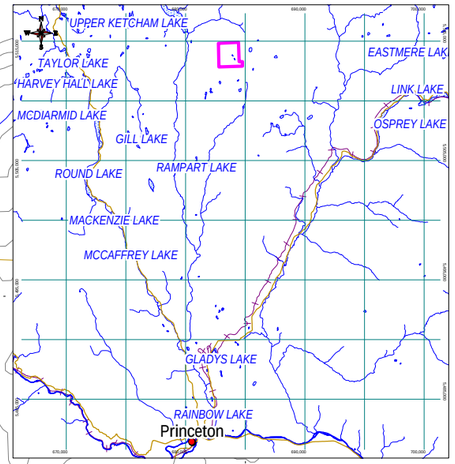
680,000 mE
681,000 mE
682,000 mE
683,000 mE
684,000 mE
685,000 mE
686,000 mE

5,516,000 mN
5,515,000 mN
5,514,000 mN
5,513,000 mN

N

Missezula Lake
Dillard Creek
Galois Creek
Summers Creek

181887
8,041
8042
8043
8039
8,040
8044
8035
8034
8033
8038
8032
8031



LEGEND

181887
Rock Sample

8030
Stream Sediment Sample

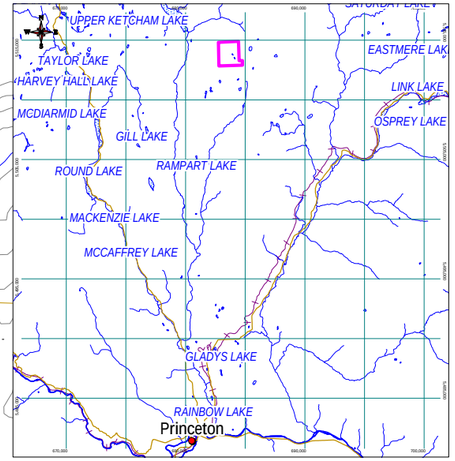
Road
Creek
Lake
Claim Outline

ALMADEN MINERALS LTD.

	Dill Project, BC, Canada **Rock and Stream Sediment Samples** **Location Map** **Figure 4**
Date:21/10/2008	
Author:	
Office: AMM	
Drawing:	
Scale: 1:20000	Projection: UTM Zone 10 (NAD 83)

0 250 500 1,000
metres

680,000 mE
681,000 mE
682,000 mE
683,000 mE
684,000 mE
685,000 mE
686,000 mE
5,516,000 mN
5,515,000 mN
5,514,000 mN
5,513,000 mN
N
Missezula Lake
Dillard Creek
Galois Creek
Summers Creek
170
37
32.7
25.8
8
3.2
16.2
11
11.9
9
12.9
9.8
10.8



LEGEND

- Claim Outline
- Road
- Creek

Rock Sample

Ranges by Au (ppb)	n
170	1

Stream Sediment Samples

Ranges by Au (ppb)	n	percentile
36 to 37	1	98
34.6 to 36	0	95
32 to 34.6	1	90
18.6 to 32	1	75
11.4 to 18.6	3	50
	6	25

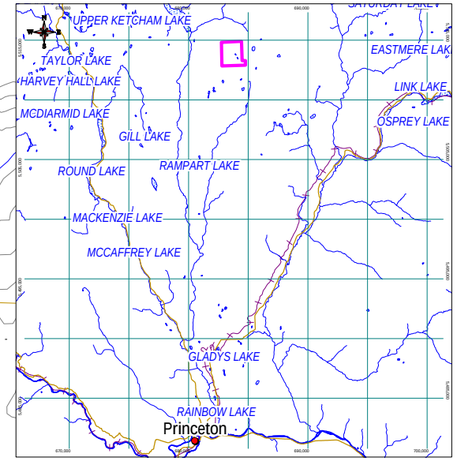
ALMADEN MINERALS LTD.

Dill Project, BC, Canada
Rock and Stream Sediment Samples
Ranges by Au (ppb)
Figure 5

Date:21/10/2008
Author:
Office: AMM
Drawing:
Scale: 1:20000
Projection: UTM Zone 10 (NAD 83)

0 250 500 1,000
metres

680,000 mE
681,000 mE
682,000 mE
683,000 mE
684,000 mE
685,000 mE
686,000 mE
5,516,000 mN
5,515,000 mN
5,514,000 mN
5,513,000 mN
N
Missezula Lake
Dillard Creek
Galois Creek
Summers Creek
1170
297
298
196.5
115.5
70
94.9
190
147
93.9
136
153.5
126



LEGEND

- Claim Outline
- Road
- Creek

Rock Sample

Ranges by Cu (ppm)	n
1170	1

Stream Sediment Samples

Ranges by Cu (ppm)	n	percentile
297.7 to 298	1	98
297.4 to 297.7	0	95
286.9 to 297.4	1	90
191.6 to 286.9	1	75
141.5 to 191.6	3	50
70 to 141.5	6	25

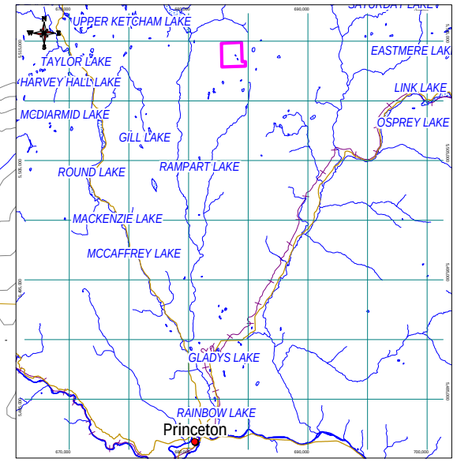
ALMADEN MINERALS LTD.

Dill Project, BC, Canada
Rock and Stream Sediment Samples
Ranges by Cu (ppm)
Figure 6

Date:21/10/2008
Author:
Office: AMM
Drawing:
Scale: 1:20000
Projection: UTM Zone 10 (NAD 83)

0 250 500 1,000
metres

680,000 mE
681,000 mE
682,000 mE
683,000 mE
684,000 mE
685,000 mE
686,000 mE
5,516,000 mN
5,515,000 mN
5,514,000 mN
5,513,000 mN
N
Missezula Lake
Dillard Creek
Galois Creek
Summers Creek
1170
1.1
1.2
0.7
0.8
0.4
0.5
1.2
1.4
0.6
0.8
1.4
0.6



LEGEND

- Claim Outline
- Road
- Creek

Rock Sample

Ranges by Mo (ppm)	n
1170	1

Stream Sediment Samples

Ranges by Mo (ppm)	n	percentile
1.46 to 1.47	1	98
1.44 to 1.46	0	95
1.41 to 1.44	1	90
1.18 to 1.41	1	75
0.8 to 1.18	3	50
	6	25

ALMADEN MINERALS LTD.

	Dill Project, BC, Canada **Rock and Stream Sediment Samples** **Ranges by Mo (ppm)** **Figure 7**
Date:21/10/2008	
Author:	
Office: AMM	
Drawing:	
Scale: 1:20000	Projection: UTM Zone 10 (NAD 83)

0 250 500 1,000
metres

The one rock sample from the northwest corner of the property yielded elevated copper and gold values comparable in grade to mineralization previously identified by diamond drilling in the central portion of the claim.

Complete analytical results for all samples are listed in the ALS Chemex laboratory certificates contained in Appendix III.

4.0 Conclusion and Recommendations

The 2008 stream sediment sampling program was successful in identifying an area of elevated gold and copper in sediment in the western portion of the property as well as an area of elevated molybdenum in sediment in the east.

It is recommended that the anomalous gold and copper sediment values found along Galois Creek in the western portion of the property be followed up with a program of prospecting, geological mapping and rock chip sampling in an attempt to identify the source of the source of elevated values.

5.0 Personnel and Days Worked

Name	Work Period	Days Worked
Ryan Bogee Rio Minerals Limited Vancouver BC Crew Supervisor/Sampler	August 27-28, 2008	2
Matt Little Rio Minerals Limited Vancouver BC Sampler	August 27-28, 2008	2
Melanie Costistin Rio Minerals Limited Vancouver BC Sampler	August 27-28, 2008	2
Rodica Kaiser Almaden Minerals Ltd. Vancouver BC GIS Technician	October 16, 17, 20 and 21, 2008	4
Thomas Ullrich Almaden Minerals Limited Vancouver BC Geologist	October 20-22, 2008	3
Morgan Poliquin, P.Geo. Almaden Minerals Limited Vancouver, BC Geologist	October 23, 2008	0.5

6.0 Statement of Costs

(Expenditures for the period January 1, 2008 to October 23, 2008.)

Salary and Benefits:	
Rodica Kaiser	$1 000.00
Thomas Ullrich	$1 218.00
Morgan Poliquin	$265.00
Contract Technical Services:	
Rio Minerals Limited *(6 mandays @$385/day)*	$2 310.00
Sample Preparation and Geochemical Analyses:	
ALS Chemex Laboratories Ltd.	
12 sediment samples @ $45.44/sample	$545.28
1 rock sample @ 60.55/sample	$60.55
Equipment Rental:	
Truck (2 days @$95/day, October 27-28, 2008)	$190.00
Travel and Accommodation:	
Fuel	$277.85
Per diem ($40.00x6 mandays)	$240.00
Tolls	$20.00
Sample Shipping:	$35.76
Total Expenditures	$6 162.44

7.0 Statement of Qualifications

I, Morgan J. Poliquin of Vancouver, British Columbia hereby certify that:

I reside at 2784 West 1st Avenue, Vancouver, B.C. and am the President, a Director, and the Chief Operating Officer of Almaden Minerals Ltd. and have a direct interest in the securities of Almaden Minerals Ltd.

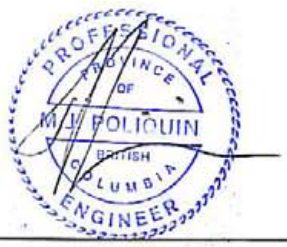
I am a graduate of the University of British Columbia in geological engineering (B.A.Sc. in 1994) and the University of Auckland (M.Sc. in geology in 1996).

I have practiced my profession continually since 1994.

I am a member in good standing of the Association of Professional Engineers and Geoscientists of B.C. (P.Eng.)

I have gathered my information for this report from government publications, internal company documents, geological field notes and data that are believed to be reliable and accurate.

Dated at Vancouver, British Columbia, November 10, 2008.



Morgan J. Poliquin, P.Eng., M.Sc

I, Thomas D. Ullrich of 501-1128 Quebec Street, Vancouver, British Columbia hereby certify that:

I have been conferred with the academic degree of Bachelor of Science (Honours, Geology) from Queen's University at Kingston, Ontario in 1994.

I have been engaged as a geologist in Canada, the United States, Mexico and Chile since 1994.

I am currently employed with Almaden Minerals Ltd., 1103-750 W. Pender Street, Vancouver BC V6C 2T8.

I have gathered information for this report from government publications, internal company documents, geological field notes and data that are believed to be reliable and accurate.

Dated at Vancouver, British Columbia, November 10, 2008.

Thomas D. Ullrich, B.Sc.

8.0 References

Cormier, J 1990. 1989 Geochemical, Geophysical & Trenching Report on the Dill Claim Group, Similkameen Mining Division, BC; submitted by Cordilleran Engineering Ltd., BC Ministry of Energy and Mines Assessment Report, 21 pages plus appendices.

Cormier, J 1991. 1990 Geochemical & Geophysical Report on the Dill Claim Group, Similkameen Mining Division, BC; submitted by Cordilleran Engineering Ltd., BC Ministry of Energy and Mines Assessment Report, 23 pages plus appendices.

Cormier, J 1992. 1991 Geochemical & Geophysical Report on the Dill Claim Group, Similkameen Mining Division, BC; submitted by Cordilleran Engineering Ltd., BC Ministry of Energy and Mines Assessment Report, 29 pages plus appendices.

Rowe, JD 1989. 1988 Geochemical Report on the Dill #1 Claim, Similkameen Mining Division, BC; submitted by Cordilleran Engineering Ltd., BC Ministry of Energy and Mines Assessment Report, 17 pages plus appendices.

Tempelman-Kluit, DJ, 1989. *Geology, Penticton, West of Sixth Meridian, British Columbia*, Geological Survey of Canada, "A" Series Map, 1736A.

9.0 List of Software

The following software programs were used in exploration and development and in preparation of this report:

MapInfo Professional

Microsoft Excel

Microsoft Word

Adobe Acrobat

Appendices

.

Appendix I: Sample locations and descriptions.

Appendix I: Sample locations and location descriptions.

Stream sediment samples:

Sample #	*Date*	*Easting*	*Northing*	*Elevation*	*Description*	*PH*	*Components*	*Depth (cm)*	*Color*	*Texture*	*Site Rating*	*Direction (°)*	*Stream Width (m)*
8031	8/26/2008	684171	5512908	1523	moist	N/A	10%clay,70%silt,15%sand,5%org.	5	brown	silty	poor	12	1
8032	8/26/2008	684186	5513307	1496	wet	7.3	15%clay,60%silt,10%sand,15%org.	5	dark brown	silty clay	moderate	350	2
8033	8/26/2008	684022	5513682	1479	wet	7.2	5%clay,40%silt,50%sand,5%org.	5	brown	silt sand	moderate	320	1
8034	8/26/2008	683856	5513865	1475	wet marshy	7.2	5%clay,60%silt,10%sand,5%org.	4	dark brown	silty	good	275	1.5
8035	8/26/2008	683876	5513887	1476	damp	N/A	60%silt,30%sand,10%org.	2	grey brown	silty	moderate	166	0.5
8038	8/27/2008	682832	5513711	1458	intermittent creek	7.1	10%clay,80%silt,10%org.	2	grey brown	silty	poor	348	1
8039	8/27/2008	682751	5513868	1444	damp creek	N/A	45%silt,50%sand,5%org.	5	grey brown	silt sand	moderate	325	0.5
8040	8/27/2008	682590	5514101	1404	intermittent creek	7	60%silt,20%sand,20%org.	4	black brown	silty	good	335	1
8041	8/27/2008	682550	5514234	1387	nice creek	7.5	50%silt,40%sand,10%org.	3	brown	silt sand	good	275	2
8042	8/27/2008	682757	5514160	1405	nice creek	7.5	60%silt,30%sand,10%org.	5	brown	silt sand	good	320	2
8043	8/27/2008	683125	5514160	1434	nice creek	7.1	70%silt,20%sand,10%org.	5	brown	silty	good	290	2
8044	8/27/2008	683474	5513884	1468	nice creek	7.3	70%silt,20%sand,10%org.	2	black brown	silty	good	340	2

Rock sample:

Sample #	*Date*	*Easting*	*Northing*
181887	8/27/2008	682957	5514750

Appendix II: Summary of analytical results: stream sediment and rock sample geochemistry.

Stream Sediment Samples

	Au-ST44	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
SAMPLE	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe
ID	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
8031	0.0108	0.12	1.39	4.8	<0.2	<10	90	0.29	0.07	0.61	0.1	13.15	11.1	29	1.18	126	2.98
8032	0.0098	0.36	2.44	8.6	<0.2	<10	360	0.48	0.1	1.16	0.32	19	14.5	23	3.34	153.5	3.07
8033	0.0129	0.12	1.24	5	<0.2	<10	190	0.28	0.06	0.82	0.2	11.4	12.9	29	2.85	136	3.41
8034	0.0119	0.27	1.92	5.8	<0.2	<10	400	0.37	0.08	1.48	0.44	14.55	12.5	23	4.03	147	3.23
8035	0.009	0.19	1.77	3.8	<0.2	<10	160	0.38	0.1	1.22	0.21	12.55	11	28	3.29	93.9	2.46
8038	0.0162	0.12	1.31	4.6	<0.2	<10	140	0.3	0.11	0.82	0.21	15.5	9.5	24	1.72	94.9	2.63
8039	0.0032	0.17	1.23	2.4	<0.2	<10	110	0.29	0.07	1.45	0.27	7.96	5.2	15	3.69	70	1.82
8040	0.008	0.21	1.37	2.9	<0.2	<10	160	0.31	0.07	2.03	0.24	8.12	5.9	19	2.99	115.5	1.85
8041	0.037	0.17	1.6	5.8	<0.2	<10	220	0.33	0.13	0.99	0.18	12.55	13.4	28	2.11	297	3.56
8042	0.0327	0.24	1.63	5.5	<0.2	<10	270	0.37	0.1	1.21	0.27	13.05	13.4	27	2.56	298	3.4
8043	0.0258	0.19	1.7	4.5	<0.2	<10	260	0.34	0.07	1.14	0.22	12.15	10.5	29	2.98	196.5	3.28
8044	0.011	0.3	2.03	9.2	<0.2	<10	620	0.41	0.09	1.6	0.39	15.45	12.7	24	4.59	190	4.07

Rock Sample

	Au-ST44	Au-OG44	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
SAMPLE	Au	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe
ID	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
181887	>0.1000	0.17	0.9	1.65	8.5	0.2	<10	50	0.13	0.36	0.34	0.07	4.25	22.7	68	1.04	1170	13

Stream Sediment Samples

	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
SAMPLE	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb	Re
ID	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
8031	4.6	0.07	0.05	0.03	0.017	0.04	5.9	6.3	0.46	390	0.67	<0.01	0.69	14.4	1180	3.5	4.6	0.001
8032	6.75	0.08	0.15	0.2	0.023	0.04	11.2	12.8	0.42	1030	1.47	0.01	0.81	16.6	1200	4.6	5.8	0.011
8033	4.77	0.1	0.07	0.07	0.016	0.04	5.9	8.2	0.54	1055	0.8	<0.01	0.53	14.9	1130	3.1	4.2	0.002
8034	5.76	0.09	0.09	0.16	0.02	0.05	9	11.5	0.48	3290	1.43	<0.01	0.65	16	1310	4.1	5.8	0.007
8035	5.16	0.07	0.09	0.09	0.019	0.06	6.4	12.2	0.52	511	0.63	0.01	0.75	17.4	770	7.1	8.7	0.003
8038	4.64	0.05	0.07	0.06	0.022	0.04	8.2	7.3	0.48	573	0.54	0.01	0.71	13.1	1020	3.6	4.5	<0.001
8039	4.24	<0.05	0.06	0.08	0.014	0.03	5.4	8.1	0.28	347	0.45	0.01	0.57	9.2	610	3.7	4.4	<0.001
8040	4.18	<0.05	0.07	0.09	0.017	0.04	6.4	8.9	0.36	495	0.8	0.01	0.6	12.6	830	3.2	5	0.002
8041	5.58	0.07	0.08	0.09	0.022	0.05	6.5	9.6	0.64	1070	1.1	0.01	0.62	15.4	980	4	6.1	0.003
8042	5.32	0.06	0.07	0.1	0.019	0.05	7.5	9.3	0.58	1495	1.16	0.01	0.63	16	1060	4.1	6.4	0.006
8043	5.5	0.05	0.07	0.09	0.02	0.05	6.7	9.8	0.54	1065	0.72	0.01	0.64	15.1	940	4.1	6.8	0.003
8044	6.07	0.06	0.09	0.19	0.02	0.06	9.2	10.6	0.49	5690	1.26	0.01	0.64	17.2	1420	4.2	6.7	0.005

Rock Sample

	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
SAMPLE	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb	Re
ID	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
181887	12.95	0.39	0.13	0.4	0.049	0.13	2.2	11	1.54	221	25.3	0.05	0.16	15.6	1780	6.5	5.5	0.049

Stream Sediment Samples

	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
SAMPLE	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr
ID	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
8031	0.01	0.28	5.5	0.4	0.3	32.6	0.01	0.05	0.6	0.096	0.04	0.36	100	0.12	6.73	31	1.9
8032	0.07	0.26	5.6	1.8	0.5	69.7	0.01	0.05	0.4	0.066	0.13	1.09	115	0.1	16.2	35	4.6
8033	0.02	0.3	5.1	0.7	0.3	44.9	<0.01	0.06	0.5	0.089	0.06	0.36	108	0.09	7.57	37	2.1
8034	0.08	0.29	5.4	1.8	0.3	68.2	<0.01	0.05	0.3	0.065	0.08	0.77	71	0.1	13	34	2.8
8035	0.04	0.26	5.7	0.9	0.4	47.6	<0.01	0.04	0.4	0.085	0.07	0.37	67	0.17	8.41	47	2.8
8038	0.05	0.51	5.8	0.4	0.3	40.1	<0.01	0.09	0.6	0.09	0.04	0.36	91	0.11	10.5	39	2.7
8039	0.07	0.36	2.7	0.6	0.6	48.5	<0.01	0.01	0.2	0.067	0.04	0.57	57	0.08	7.65	35	2.2
8040	0.1	0.37	3.2	1.7	0.3	68.3	<0.01	0.06	0.2	0.053	0.05	0.51	49	0.08	9.93	28	2.6
8041	0.04	0.42	5.8	1	0.4	52.1	<0.01	0.22	0.6	0.085	0.05	0.44	96	0.11	8.7	36	2.6
8042	0.05	0.43	5.6	1.4	0.4	57	<0.01	0.12	0.4	0.079	0.07	0.55	88	0.14	10.4	35	2.2
8043	0.04	0.32	5.7	1	0.3	53.3	<0.01	0.05	0.5	0.085	0.06	0.42	91	0.13	8.98	33	2.1
8044	0.11	0.37	6.1	1.8	4.7	77.4	0.01	0.07	0.4	0.061	0.14	0.62	81	0.09	13.75	37	2.9

Rock Sample

	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
SAMPLE	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr
ID	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
181887	2.32	1.84	14.1	23.1	0.8	44.3	<0.01	0.71	0.6	0.153	0.04	0.43	217	0.19	4.09	21	3.5

Appendix III: ALS Chemex laboratory certificates

(Samples 8036 and 8037 listed on certificate VA08121811 are not from the Dill#2 property; results for these two samples have been redacted.)

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ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
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North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: ALMADEN MINERALS LTD.
1103-750 W PENDER ST
VANCOUVER BC V6C 2T8

Finalized Date: 29-SEP-2008
Account: PFM

CERTIFICATE VA08121812

Project: Brooksmere

P.O. No.:

This report is for 1 Rock sample submitted to our lab in Vancouver, BC, Canada on 28-AUG-2008.

The following have access to data associated with this certificate:

MORGAN POLIQUIN

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

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ST44	Super Trace Au - 50g AR	VARIABLE
Au-OG44	Ore Grade Au - 50g AR	ICP-MS
ME-MS41	51 anal. aqua regia ICPMS	

To: ALMADEN MINERALS LTD.
ATTN: MORGAN POLIQUIN
1103-750 W PENDER ST
VANCOUVER BC V6C 2T8

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.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 29-SEP-2008
Account: PFM

Project: Brooksmere

CERTIFICATE OF ANALYSIS VA08121812

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-ST44 Au ppm 0.0001	Au-OG44 Au ppm 0.01	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1
181887		3.93	>0.1000	0.17	0.9	1.65	8.5	0.2	<10	50	0.13	0.36	0.34	0.07	4.25	22.7

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

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Finalized Date: 29-SEP-2008
Account: PFM

Project: Brooksmere

CERTIFICATE OF ANALYSIS VA08121812

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Cr ppm 1	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05
181887		68	1.04	1170	13	12.95	0.39	0.13	0.4	0.049	0.13	2.2	11	1.54	221	25.3

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

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Finalized Date: 29-SEP-2008
Account: PFM

Project: Brooksmere

CERTIFICATE OF ANALYSIS VA08121812

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01
181887		0.05	0.16	15.6	1780	6.5	5.5	0.049	2.32	1.84	14.1	23.1	0.8	44.3	<0.01	0.71

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

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Finalized Date: 29-SEP-2008
Account: PFM

Project: Brooksmere

CERTIFICATE OF ANALYSIS VA08121812

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Th	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.2	0.005	0.02	0.05	1	0.05	0.05	2	0.5
181887		0.6	0.153	0.04	0.43	217	0.19	4.09	21	3.5

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

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Finalized Date: 29-SEP-2008
Account: PFM

Project: Brooksmere

CERTIFICATE OF ANALYSIS VA08121812

Method	CERTIFICATE COMMENTS
ME-MS41	Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).

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1103-750 W PENDER ST
VANCOUVER BC V6C 2T8

Finalized Date: 24-SEP-2008
Account: PFM

CERTIFICATE VA08121811

Project: Brooksmere

P.O. No.:

This report is for 14 Sediment samples submitted to our lab in Vancouver, BC, Canada on 28-AUG-2008.

The following have access to data associated with this certificate:

MORGAN POLIQUIN

SAMPLE PREPARATION

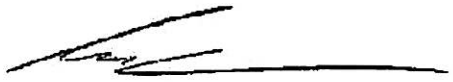
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ST44	Super Trace Au - 50g AR	VARIABLE
ME-MS41	51 anal. aqua regia ICPMS	

To: ALMADEN MINERALS LTD.
ATTN: MORGAN POLIQUIN
1103-750 W PENDER ST
VANCOUVER BC V6C 2T8

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.

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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VANCOUVER BC V6C 2T8

Finalized Date: 24-SEP-2008
Account: PFM

Project: Brooksmere

CERTIFICATE OF ANALYSIS VA08121811

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-ST44 Au ppm 0.0001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
8031		2.42	0.0108	0.12	1.39	4.8	<0.2	<10	90	0.29	0.07	0.61	0.1	13.15	11.1	29
8032		2.01	0.0098	0.36	2.44	8.6	<0.2	<10	360	0.48	0.1	1.16	0.32	19	14.5	23
8033		2.73	0.0129	0.12	1.24	5	<0.2	<10	190	0.28	0.06	0.82	0.2	11.4	12.9	29
8034		1.73	0.0119	0.27	1.92	5.8	<0.2	<10	400	0.37	0.08	1.48	0.44	14.55	12.5	23
8035		1.57	0.0090	0.19	1.77	3.8	<0.2	<10	160	0.38	0.1	1.22	0.21	12.55	11	28
8036																
8037																
8038		2.39	0.0162	0.12	1.31	4.6	<0.2	<10	140	0.3	0.11	0.82	0.21	15.5	9.5	24
8039		1.78	0.0032	0.17	1.23	2.4	<0.2	<10	110	0.29	0.07	1.45	0.27	7.96	5.2	15
8040		1.60	0.0080	0.21	1.37	2.9	<0.2	<10	160	0.31	0.07	2.03	0.24	8.12	5.9	19
8041		2.42	0.0370	0.17	1.6	5.8	<0.2	<10	220	0.33	0.13	0.99	0.18	12.55	13.4	28
8042		2.09	0.0327	0.24	1.63	5.5	<0.2	<10	270	0.37	0.1	1.21	0.27	13.05	13.4	27
8043		2.08	0.0258	0.19	1.7	4.5	<0.2	<10	260	0.34	0.07	1.14	0.22	12.15	10.5	29
8044		1.72	0.0110	0.3	2.03	9.2	<0.2	<10	620	0.41	0.09	1.6	0.39	15.45	12.7	24

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

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VANCOUVER BC V6C 2T8

Finalized Date: 24-SEP-2008
Account: PFM

Project: Brooksmere

CERTIFICATE OF ANALYSIS VA08121811

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
8031		1.18	126	2.98	4.6	0.07	0.05	0.03	0.017	0.04	5.9	6.3	0.46	390	0.67	<0.01
8032		3.34	153.5	3.07	6.75	0.08	0.15	0.2	0.023	0.04	11.2	12.8	0.42	1030	1.47	0.01
8033		2.85	136	3.41	4.77	0.1	0.07	0.07	0.016	0.04	5.9	8.2	0.54	1055	0.8	<0.01
8034		4.03	147	3.23	5.76	0.09	0.09	0.16	0.02	0.05	9	11.5	0.48	3290	1.43	<0.01
8035		3.29	93.9	2.46	5.16	0.07	0.09	0.09	0.019	0.06	6.4	12.2	0.52	511	0.63	0.01
8036																
8037																
8038		1.72	94.9	2.63	4.64	0.05	0.07	0.06	0.022	0.04	8.2	7.3	0.48	573	0.54	0.01
8039		3.69	70	1.82	4.24	<0.05	0.06	0.08	0.014	0.03	5.4	8.1	0.28	347	0.45	0.01
8040		2.99	115.5	1.85	4.18	<0.05	0.07	0.09	0.017	0.04	6.4	8.9	0.36	495	0.8	0.01
8041		2.11	297	3.56	5.58	0.07	0.08	0.09	0.022	0.05	6.5	9.6	0.64	1070	1.1	0.01
8042		2.56	298	3.4	5.32	0.06	0.07	0.1	0.019	0.05	7.5	9.3	0.58	1495	1.16	0.01
8043		2.98	196.5	3.28	5.5	0.05	0.07	0.09	0.02	0.05	6.7	9.8	0.54	1065	0.72	0.01
8044		4.59	190	4.07	6.07	0.06	0.09	0.19	0.02	0.06	9.2	10.6	0.49	5690	1.26	0.01

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

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To: ALMADEN MINERALS LTD.
1103-750 W PENDER ST
VANCOUVER BC V6C 2T8

Finalized Date: 24-SEP-2008
Account: PFM

Project: Brooksmere

CERTIFICATE OF ANALYSIS VA08121811

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
8031		0.69	14.4	1180	3.5	4.6	0.001	0.01	0.28	5.5	0.4	0.3	32.6	0.01	0.05	0.6
8032		0.81	16.6	1200	4.6	5.8	0.011	0.07	0.26	5.6	1.8	0.5	69.7	0.01	0.05	0.4
8033		0.53	14.9	1130	3.1	4.2	0.002	0.02	0.3	5.1	0.7	0.3	44.9	<0.01	0.06	0.5
8034		0.65	16	1310	4.1	5.8	0.007	0.08	0.29	5.4	1.8	0.3	68.2	<0.01	0.05	0.3
8035		0.75	17.4	770	7.1	8.7	0.003	0.04	0.26	5.7	0.9	0.4	47.6	<0.01	0.04	0.4
8036																
8037																
8038		0.71	13.1	1020	3.6	4.5	<0.001	0.05	0.51	5.8	0.4	0.3	40.1	<0.01	0.09	0.6
8039		0.57	9.2	610	3.7	4.4	<0.001	0.07	0.36	2.7	0.6	0.6	48.5	<0.01	0.01	0.2
8040		0.6	12.6	830	3.2	5	0.002	0.1	0.37	3.2	1.7	0.3	68.3	<0.01	0.06	0.2
8041		0.62	15.4	980	4	6.1	0.003	0.04	0.42	5.8	1	0.4	52.1	<0.01	0.22	0.6
8042		0.63	16	1060	4.1	6.4	0.006	0.05	0.43	5.6	1.4	0.4	57	<0.01	0.12	0.4
8043		0.64	15.1	940	4.1	6.8	0.003	0.04	0.32	5.7	1	0.3	53.3	<0.01	0.05	0.5
8044		0.64	17.2	1420	4.2	6.7	0.005	0.11	0.37	6.1	1.8	4.7	77.4	0.01	0.07	0.4

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

ALS Chemex
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1103-750 W PENDER ST
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Finalized Date: 24-SEP-2008
Account: PFM

Project: Brooksmere

CERTIFICATE OF ANALYSIS VA08121811

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
8031		0.096	0.04	0.36	100	0.12	6.73	31	1.9
8032		0.066	0.13	1.09	115	0.1	16.2	35	4.6
8033		0.089	0.06	0.36	108	0.09	7.57	37	2.1
8034		0.065	0.08	0.77	71	0.1	13	34	2.8
8035		0.085	0.07	0.37	67	0.17	8.41	47	2.8
8036									
8037									
8038		0.09	0.04	0.36	91	0.11	10.5	39	2.7
8039		0.067	0.04	0.57	57	0.08	7.65	35	2.2
8040		0.053	0.05	0.51	49	0.08	9.93	28	2.6
8041		0.085	0.05	0.44	96	0.11	8.7	36	2.6
8042		0.079	0.07	0.55	88	0.14	10.4	35	2.2
8043		0.085	0.06	0.42	91	0.13	8.98	33	2.1
8044		0.061	0.14	0.62	81	0.09	13.75	37	2.9

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Method	CERTIFICATE COMMENTS
ME-MS41	Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).