2005 DIAMOND DRILLING
SIWASH GOLD MINE AREA
ELK PROPERTY

Similkameen Mining Division
Siwash Lake Area, British Columbia
NTS: 92H/16W; Lat. 49°50'N, Long. 120°19'W

VOLUME I : TEXT, TABLES, FIGURES & APPENDICES

This report consists of three volumes:
Volume I: Text, Tables, Figures & Appendices
Volume II: Diamond Drill Logs
Volume III: Plates 1 to 21

March, 2006

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1.0 SUMMARY AND CONCLUSIONS

The Elk property consists of 18 contiguous mineral claims and one mining lease covering 12,277 hectares located 40 kilometres west of Peachland, B.C., in the Similkameen Mining Division (NTS: 92H-16W). Initial staking was undertaken in November 1986 (160 units) with additions in 1987 (60 units), 1988 (32 units) and 1989 (199 units). A block comprising 72 units was optioned from Mr. Donald Agur of Summerland, B.C. in October, 1988. Claim acquisition and subsequent work were conducted by Cordilleran Engineering Ltd. for Fairfield Minerals Ltd. until April 1995 when Fairfield assumed operations. Placer Dome Inc. entered into an option agreement on the property in March 1988 and withdrew in March 1991. Fairfield Minerals merged with Almaden Resources Corporation in February 2002 and the claims were transferred to the amalgamated company Almaden Minerals Ltd. Almaden retains 100% interest. The claims were converted to the computer based MTO claim cells in 2005.

The Elk claims cover forested, gently rolling hills with fair to poor bedrock exposure. The property is accessible by paved highway, 50 km from Westbank, B.C., or 50 km. from Merritt, B.C.

The property is underlain by the Triassic Nicola Group volcano-sedimentary assemblage on the west and by granitic rocks of the Jurassic Osprey Lake Batholith on the east. Feldspar porphyry stocks of the Late Cretaceous Otter Intrusions cut both of these groups. Andesite dykes intrude all of the above units and are interpreted to be of Tertiary Age.

Gold-silver mineralization on the Elk property is hosted by pyritiferous quartz veins and pyritiferous altered granite. The mineralized features generally trend northeasterly and are thought to be Late Cretaceous or Tertiary in age. To date, mineralization has been located in ten areas of the Elk property: Siwash North, Siwash East, Bullion Creek, Gold Ceek West, South Showing, Discovery Showing, Lake Zone, End Zone, Great Wall Zone and Elusive Creek.

Work conducted on the property from 1986 to 1991 consisted of geological mapping, prospecting, linecutting, soil sampling, geophysics, excavator trenching, diamond drilling and road construction. During the 1992 to 1994 field seasons open pit and underground mining extracted 1,600,406 grams (51,460 ounces) of gold from the Siwash North vein system. Reverse circulation drilling, underground diamond drilling, reclamation, road construction, water sampling and aerial photography were also undertaken during this period. Surface and underground diamond drilling programs were carried out in the Siwash Mine area from 1994 to 1996 to define the resource. Exploration surface drilling was also carried out during the 1995 and 1996 field seasons to test vein targets between the Siwash mine site and the South Showing area 2.5 kilometres to the south. Limited prospecting and environmental monitoring were undertaken from 1997 to 1999. Surface diamond drilling totaling 1413.96m in 12 holes was completed on the Siwash Mining lease during 2000 testing the B, WD and Gold Creek West (GCW) zones. A trenching program was carried out in 2001 in the Siwash East Area consisting of six trenches totaling 202 meters. A 26 hole surface diamond drill program was undertaken in 2002 for a total of 4995.67m testing the B, WD, GCW and Bullion Creek zones. During the 2003 field season a 6570 meter, 30 hole, diamond drill program was carried out in the Siwash North area testing the WD zone. A total of10,265 meters of NQ diamond drilling in 44 holes was carried out in the Siwash North area testing the WD, B and BC zones in 2004.
A resource calculation was completed by Giroux Consultants Ltd. in May of 2004 as follows:

Table 1	Measured and Indicated Resource				Inferred Resource		
Area	Gold Cut off Grade	Tonnes	Gold Grade (g/t)	Contained Ounces Gold	Tonnes	Gold Grade (g/t)	Contained Ounces Gold
B Flat Vein	7 g/t	19,100	26.70	16,400	500	7.74	100
B Steep Vein	7 g/t	39,700	54.50	69,600	53,300	19.93	34,200
B East Vein	7 g/t	2,800	19.43	1,700	25,800	14.98	12,400
WD Vein	7 g/t	42,600	29.82	40,800	98,700	14.69	46,600
1.0 cut off open pit	1.0 g/t	564,100	4.361	79,100	1,138,900	3.126	114,500
Total		668,300	9.66	207,600	1,317,200	4.91	207,800

The 2005 exploration program consisted of 8395m of NQ diamond drilling in 36 holes testing the WD, B and Siwash Lake zones. The B vein was found to flatten at depth while maintaining good grades. The drill pattern on the WD vein was filled in to 25 by 50m in the area of the defined resource and the extent of the vein system was tested to the west and down dip.

The results of exploration on the Elk Property are extremely encouraging. Potential for the definition of additional gold reserves in the immediate mine area remains strong in the B, WD vein and Bullion Creek structures. Promising vein structures are present in the Siwash East, Siwash Lake and Elusive Creek areas, and geophysical and geochemical anomalies in the Elk South area with similar signatures have yet to be tested. Excellent access to services is provided by the Okanagan Connector highway which passes two km north of the Siwash mine site. A pre-feasibility study of the deposit economics is recommended including a review of options for dewatering the mine workings and condemnation drilling of proposed mill and tailings sites. Continued aggressive exploration is warranted to fully define the extent of this gold resource.

2.0 RECOMMENDATIONS

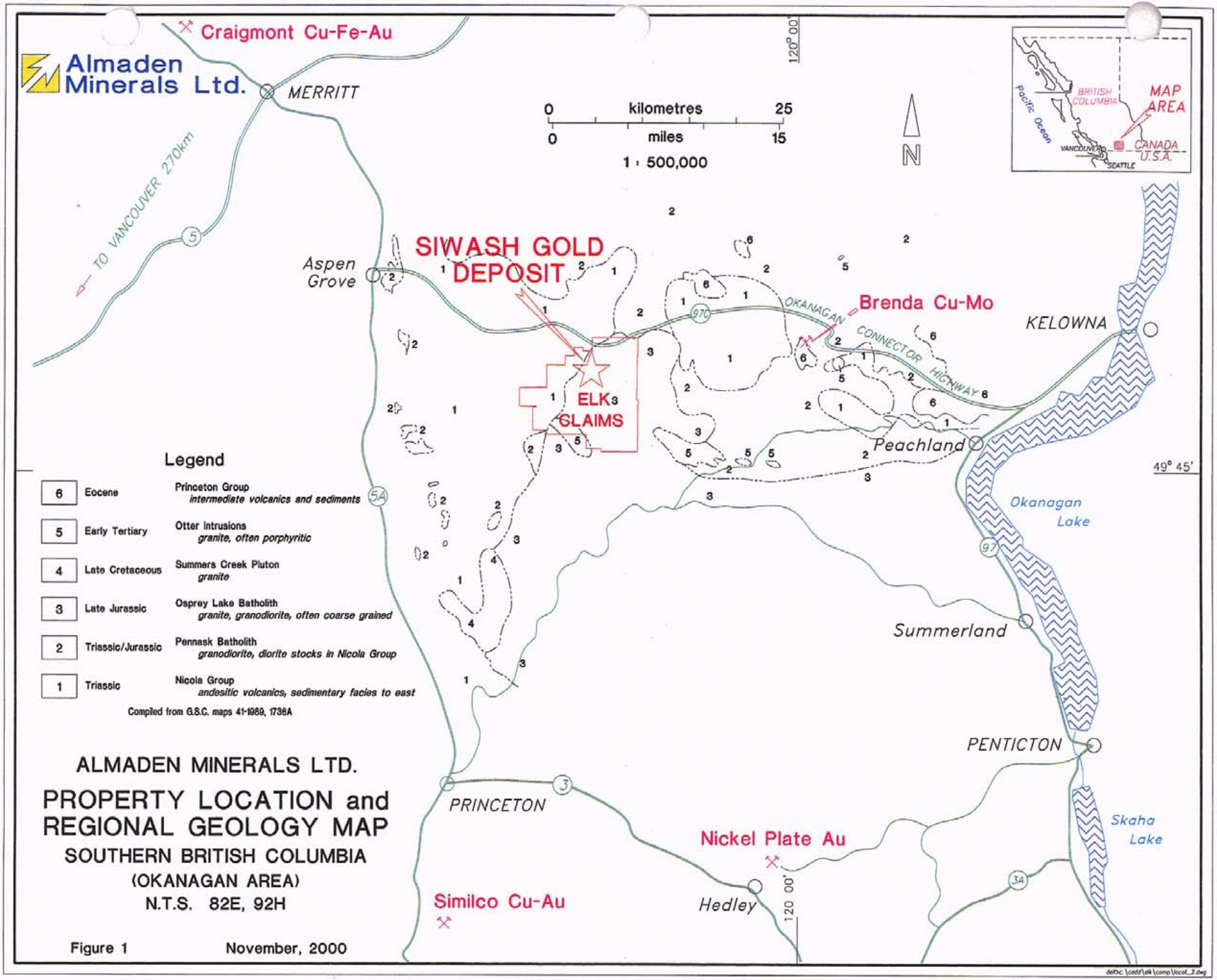
The following exploration program is recommended:

- Carry out a pre-feasibility study of the deposit economics considering the various open pit and underground options. Determine dewatering rates and options in preparation for the rehabilitation of the existing workings.
- Drill five holes under the proposed tailings site and two holes under the proposed mill site to eliminate the possiblilty of mineralized zones in these areas.
- Sonic drill the Elusive creek area to the west of the existing trenches to define trench and diamond drill targets.
- Drill four deep holes to the west and west of the existing DeepB grid to test the continuity and grade at depth.
- Drill six holes in the Siwash East area to test the continuity of mineralized quartz veins exposed by trenching.
- Drill two holes in the Bullion Creek structure to the east of the existing holes to determine the orientation and extent of the known mineralization.
- Drill four holes in the Siwash Lake zone to test for continuity of structure and grade to the west of the present drilling.

Respectfully submitted

ALMADEN MINERALS LTD.

Wojtek Jakubowski, B.Sc., P.Geo.
Geologist


Almaden Minerals Ltd.
Craigmont Cu-Fe-Au
MERRITT
TO VANCOUVER 270km
Aspen Grove
SIWASH GOLD DEPOSIT
ELK3 CLAIMS
Brenda Cu-Mo
OKANAGAN CONNECTOR HIGHWAY
KELOWNA
Peachland
Okanagan Lake
Summerland
PENTICTON
PRINCETON
Nickel Plate Au
Hedley
Similco Cu-Au
Skaha Lake
0 kilometres 25
0 miles 15
1 : 500,000
N
120° 00'
49° 45'
120 00'
BRITISH COLUMBIA
MAP AREA
Pacific Ocean
VANCOUVER
CANADA
U.S.A.
SEATTLE
Legend
6 Eocene — Princeton Group — intermediate volcanics and sediments
5 Early Tertiary — Otter Intrusions — granite, often porphyritic
4 Late Cretaceous — Summers Creek Pluton — granite
3 Late Jurassic — Osprey Lake Batholith — granite, granodiorite, often coarse grained
2 Triassic/Jurassic — Pennask Batholith — granodiorite, diorite stocks in Nicola Group
1 Triassic — Nicola Group — andesitic volcanics, sedimentary facies to east
Compiled from G.S.C. maps 41-1969, 1736A
ALMADEN MINERALS LTD.
PROPERTY LOCATION and REGIONAL GEOLOGY MAP
SOUTHERN BRITISH COLUMBIA
(OKANAGAN AREA)
N.T.S. 82E, 92H
Figure 1
November, 2000

Almaden Minerals Ltd.

Elkhart Exit

Okanagan Connector HWY 97C

Boulder Lake

BULLION CREEK AREA

SIWASH EAST AREA

TRUNO SLASH

SIWASH NORTH LEASE

SIWASH NORTH MINERITE

DON SLASH

GOLD CREEK WEST AREA

SIWASH LAKE AREA

Siwash Lake

GREAT WALL & END ZONE AREAS

DISCOVERY SHOWING AREA

ELUSIVE CREEK AREA

SOUTH SHOWING AREA

AGUR OPTION AREA

Galena Lake

Sunday L

Tepee Lakes

Friday L

Saturday L

UTM NORTH

Road
Creek
Lots
Claims

0m 500 1000 2000

NAD83 Zone 10

ELK PROPERTY

Similkameen Mining Division
NTS 92H/16W, B.C.

CLAIM AND AREA LOCATION MAP

SCALE 1 : 50,000

Drawn by WJ, JM
February, 2006

FIGURE 2

ALMADEN MINERALS LTD.
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3.0 INTRODUCTION

This report describes the results of a diamond drill program conducted on the Elk property during the period June 6 to October 23, 2005. The work was managed by personnel of Almaden Minerals Ltd. with the intent to test the continuity and gold grade in the WD, B and Siwash Lake vein systems.

3.1 LOCATION AND ACCESS (Figure 1)

The Elk property is located 40 kilometres west of Okanagan Lake in southern British Columbia approximately midway between Merritt and Summerland, at latitude 49°50'N and longitude 120°19'W (Figure 1). The claims cover heavily forested rolling terrain of the Trepanege Plateau highlands. Elevations range from 1300 to 1750 metres above sea level. Access to the property is excellent, with the Okanagan Connector highway passing through the northern claims. Merritt and Kelowna are within one hour driving time from the mine location. Field operations in 2005 were based out of a field camp located on the property.

3.2 CLAIM DATA (Figure 2)

The Elk property consists of 18 contiguous mineral claims and one mining lease covering 12,277 hectares. (Table 2). Expiry dates listed are subject to acceptance of costs and the program summarized in this report. Initial staking was undertaken in November 1986 (160 units) with additions in 1987 (60 units), 1988 (32 units) and 1989 (199 units). A block comprising 72 units was optioned from Mr. Donald Agur of Summerland, B.C. in October, 1988. Claim acquisition and subsequent work were conducted by Cordilleran Engineering Ltd. for Fairfield Minerals Ltd. until April 1995 when Fairfield assumed operations. Placer Dome Inc. entered into an option agreement on the property in March 1988 and withdrew in March 1991. Fairfield Minerals merged with Almaden Resources Corporation in February 2002 and the claims were transferred to the amalgamated company Almaden Minerals Ltd. The claims are 100% owned by Almaden Minerals Ltd. with the exception of the Agur Option block (72 units) on the south side of the property, which is subject to 1% NSR from production. The Elk41 and Elk42 claims were allowed to lapse in 2000.
In preparation for the transition to a grid – cell computer staking system implemented in January 2005 in British Columbia, a program of relocating and re-establishing claim posts was initiated in 2003 and completed in 2004. The differential GPS survey of selected claim posts is described in the "2004 Claim Post Differential GPS Report" submitted in December 2004. The legacy claims were converted to the computer based MTO cell claim system in July and August of 2005.

Table 2 **MINERAL CLAIMS AS AT DEC 31, 2005**

Claim Name	Claim Type	No. Units	Record Number	Expiry Date
ELK05A	cell	1	516781	12/01/2015
ELK05B	cell	2	517116	12/01/2015
No Name	cell	1	517045	12/01/2015
NoNameConv	cell	25	516717	12/01/2015
NoNameConv	cell	30	516725	12/01/2015
NoNameConv	cell	25	516727	12/01/2015
NoNameConv	cell	25	516731	12/01/2015
NoNameConv	cell	71	516732	12/01/2015
NoNameConv	cell	45	516733	12/01/2015
NoNameConv	cell	30	516739	12/01/2015
NoNameConv	cell	70	516740	12/01/2015
NoNameConv	cell	8	516743	12/01/2015
NoNameConv	cell	61	516750	12/01/2015
NoNameConv	cell	57	516755	12/01/2015
NoNameConv	cell	49	516757	12/01/2015
NoNameConv	cell	54	516759	12/01/2015
NoNameConv	cell	30	516761	12/01/2015
NoNameConv	cell	5	519105	12/01/2015
SIWASH NORTH	lease	1	308695	14/09/2006

3.3 HISTORY

During the first half of the 20th century the El Paso adit was driven into volcanic rocks in the area currently covered by the claim with tenure number 516759. Quartz vein-hosted lead-zinc-silver-gold mineralization was encountered. No production of ore was achieved.

Between 1955 and 1995 Don Agur of Summerland, B.C. prospected and trenched the north and west parts of the present Elk property area, as well as to the south along Siwash Creek.

Phelps Dodge Corporation of Canada Ltd. carried out copper exploration during 1972 which included mapping and soil geochemistry in the area of the present claims with tenure #'s 516759 and 516757.

Utah Mines Ltd. conducted mapping, geochemistry, IP geophysics and trenching to evaluate copper mineralization on their Siwash claim group which, in part, covered the present tenure # 516759.

Brenda Mines Ltd. worked on the Siwash claim group, which included the area now comprising the southern part of the Elk property. A rigorous copper exploration program including mapping, soil geochemistry, geophysics, trenching and diamond drilling was undertaken between 1979 and 1981. Work was done on the area currently covered by the claims with tenure #'s 516755, 516757 and 516759.

Exploration for molybdenum was undertaken by Cominco Ltd. during 1980 on the claims with tenure #'s 516727, 516731, 516733 and 516740. Work included geological mapping and soil geochemistry.

No significant discoveries resulted from any of the above programs.

The Elk 1 to 27 claims (present claim tenure #'s 516733, 516740, 516743, 516759) were staked in November 1986 by Cordilleran Engineering Ltd. for Fairfield Minerals Ltd. to cover new showings of gold-silver mineralization hosted in pyritic quartz veins cutting a granite batholith and andesite dykes. Preliminary hand trenching and soil sampling were conducted.

During 1987, widespread and detailed grid soil sampling programs were undertaken to define areas anomalous in gold. Nine trenches, totaling 1528m, were excavated in two areas (Discovery and South Showings) to test soil geochemical targets, and exposed quartz veins and altered breccias hosted in granite. IP, magnetometer and VLF-EM geophysical surveys were carried out over the trenched areas. The Elk 28 to 30 claims (present claim tenure #'s 516740, 516759, 516761) were staked in September 1987 to acquire ground along projections of favourable geochemical trends.

The 1988 program included collection of 2246 soil samples on the claims acquired in 1987 and trenching in Siwash North and Elusive Creek areas. Four kilometres of road was constructed for access and eleven trenches totaling 2884 metres which exposed quartz vein-hosted gold mineralization were mapped and sampled. The Elk 31 to 37 claims (present claim tenure #'s 516732, 516757, 516759, 516755) were staked to cover adjacent favourable areas.

During the 1989 field season, the Elk 38 to 73 claims (present claim tenure #'s 516727, 516731, 516732, 516755, 516781) were staked to cover projections of anomalous soil geochemical trends. Fifty line-km of VLF-EM and magnetometer surveys were carried out in the Siwash Lake and Siwash North areas and 4865 soil samples were collected on the new claims. A total of 56.25 km of baseline was cut to provide control for soil sampling and geophysical surveys. In the South Showing, Siwash North and Siwash Lake areas 2223 linear metres of bedrock were exposed in 25 trenches. The high grade gold bearing quartz vein system in the Siwash North area was further delineated over a strike length of 750m. Twelve diamond drill holes (752m) tested the down dip continuity of this system. The drill core was logged, split sampled and photographed. Samples were shipped to Acme Analytical Labs for assay and analysis. All core has been stored on site.

During 1990 5168.34m of HQ diamond drilling in 58 holes was carried out in the Siwash North area on a 50m grid spacing. Quartz vein hosted gold mineralization in the Siwash North area was further exposed by seven

trenches and three stripped areas totaling 544 linear metres. Diamond drilling in the Siwash Lake area consisted of 259.08m of HQ core in four drill holes (SLD90-56 to 59). Six trenches and one stripped area totaling 607 linear metres of bedrock exposure were excavated in the Siwash Lake area. Soil sampling on the northern Elk claims was concentrated in the Siwash Lake area where 250 fill-in samples were collected around anomalous coarse grid stations. One thousand two hundred and fifty-four grid soil samples were collected on southern Elk claims. Magnetometer and VLF-EM surveys (50 line km) were carried out on the Agur Option area on flagged lines 100m apart.

Exploration on the Elk claims during the 1991 field season consisted of diamond drilling, trenching and aerial photography. Thirty seven new holes were drilled and two were deepened for a total of 6608.38m in the Siwash North area to test down dip and on-strike continuity of quartz vein-hosted gold mineralization discovered by previous work. The drill core was logged at 1:50 and 1:100 scales, photographed and sampled. Five hundred and ninety eight samples were taken and sent to Acme Analytical Labs for gold assay and analysis.
One trench was dug in the End Zone, 200m southwest of Siwash Lake, to further expose a quartz vein discovered by trenching in 1990. The vein is continuous across the entire length of the 45m trench. Thirty two rock chip samples were collected and sent to Acme for gold assay and analysis.
An area four by eight kilometres centered over the Siwash North area was aerially photographed in colour and black and white, at 1:8,000 and 1:15,000 scales.

During 1992, a bulk sample was extracted from an open pit on the Siwash vein in the Siwash North area. It totalled 2,040 tonnes (2240 tons) and averaged 137.7 g/t (4.016 oz/t) gold. A small crushing/sampling plant was installed for grade control.
The bulk sample was shipped to Noranda's Horne smelter in Rouyn-Noranda, PQ for metallurgical testing and smelting.
A total of 79 reverse-circulation holes were drilled in September and October to test for further open pitable reserves. A total of 223 reverse circulation chip samples were shipped to Acme Analytical Labs for assay and analysis.

In 1993 open pit mining continued with the extraction of 3,387 tonnes (3733 tons) of bulk sample material grading 105.6 g/t (3.080 oz/t) Au. Eleven reverse-circulation drill holes totaling 942 metres tested the vein to the south and east of the open pit. The material was crushed on site to minus 6 inches and then shipped to ASARCO's smelter in Helena, Montana.
A portal was collared on June 28 and 480 metres of decline was driven at ~15 percent to access high-grade shoots. Two vein drifts were developed for test mining, the 1570 level on the steeply dipping limb of the vein, and the 1611 level immediately downdip from the central core of the open pit on the flat dipping limb. Drifting on the 1570 level produced about 140 tonnes (154 tons) of ore grading 38 g/t (1.108oz/t), whereupon the drift was abandoned and refilled due to poor ground conditions. Three raises at 5 metre centres, totaling 36 metres in length, were driven up dip from the 1611 level drift. Following development of the raises, the quartz vein was stoped from the pillars producing about 315 tonnes (347 tons) of ore grading approximately 70 g/t (2.042 oz/t) Au.

In 1994 the Company received a small mine permit, the open pit was expanded and 9,180 tonnes (10,119 tons) of ore grading 91.5 g/t (2.669 oz/t) were extracted. Underground, the 1611 level drift was extended to the west. Five raises were added and the existing ones lengthened to the 1620m elevation. Approximately 1,200 tonnes (1323 tons) of quartz vein material grading about 78 g/ton (2.275 oz/t) Au was extracted.
An underground diamond drilling program was carried out between April 7 and May 31, with 5,011m of core drilled in 84 holes from the existing decline to define ore reserves. A total of 448 core samples were collected.
Further underground development was undertaken on completion of the open pit, with the main decline being extended 330 metres. A second decline branched east from the main ramp, for a length of 185 metres. Test mining was carried out on two levels. A longhole stoping test on the 1584 level produced 95 tonnes (105 tons) at 16.5 g/t (0.481oz/t) from drifting on the ore. Longhole blasting produced excessive dilution and most of the material remains in the stope. On the 1589 level, a shrinkage stope test was undertaken. Stoping proceeded about 6 metres up dip along the 30 metre length of the drift. About 105 tonnes (116 tons) at 15 g/t (0.438 oz/t) Au were hauled to surface. However, much of the material remains in the stope.

Exploration on the Elk claims in 1995 consisted almost entirely of diamond drilling. Two hundred and seventeen underground diamond drill holes (7,612 m) were drilled from the decline ramp in the vein footwall, between April 13 and August 12, to test grade and continuity of the mineralized zone. A total of 918 core samples were collected from underground holes and sent to Acme Analytical Laboratories for gold assay and analysis.
Surface diamond drilling was undertaken between June 21 and September 22. In the Siwash North area, 70 holes were drilled (4,645 metres). In the Lake Zone area, 7 holes (477m) were completed. Two holes (102m) were drilled on the Great Wall Zone, and four holes on the End Zone (187m). Six holes were drilled on Discovery Showing and nine holes on the South Showing areas (397m and 481m respectively). In all, 6289 metres were drilled in 98 surface holes. A total of 581 core samples were collected and sent to Acme Analytical Labs for assay and analysis.
A small trench measuring about 10m along strike and 4m wide was dug at the Great Wall Zone to test the grade of a quartz vein encountered during road construction. A ten centimetre vein trending 55 degrees and dipping 60 degrees to the south was exposed. Two 0.5m square panel samples were taken across the vein and returned grades of 0.51g/t (0.015 oz/t)and 0.99 g/t (0.029 oz/t) Au.
A total of 38 soil geochemical samples were taken to the east of the clear-cut in the Siwash North area. Prospecting in areas of anomalous samples uncovered quartz vein float which assayed 47.35 g/t (1.381 oz/t) Au.
Two test pits were dug in the southern South Showing area.

The 1996 program consisted of 6,946.34m of NQ diamond drilling in 88 holes. Five holes were drilled in the Siwash North Deep B area (1120.14m). The mineralized structure was intersected in all holes. The proposed Phase 5.5 open pit, east of the existing pit, was detail drilled with 1997.02m of NQ core in 38 holes. This allowed the definition of an indicated resource of 503,000gm Au (16,200 oz) for the area of the proposed pit. The WD zone, located 200m north of the Siwash B zone structure, was tested with 25 holes in 2308.84m resulting in an inferred resource block of 569,000 gm Au (18,290 oz). The source of the anomalous soil geochemistry in the East Slope area was evaluated with 9 holes (564.39m) with poor results. Four holes (399.08m) were drilled to test the source of the anomalous soil geochemistry and VLF conductor in the Gold Creek East area. Numerous small veins with poor to moderate values were intersected. The source of the anomalous soil geochemistry in the Gold Creek West area was evaluated with 7 NQ holes (556.87m). A mineralized quartz vein was intersected with 11.8 g/t (0.381 oz) over a true width of 0.5m. A total of 1161 core samples were sent to Acme Analytical Laboratories for gold analysis.
The area immediately to the south and east of the Siwash North drill grid was detail soil sampled at 25 X 50m spacing for a total of 367samples.

Reclamation and site cleanup was undertaken during 1997. The overburden cover was completed on the East waste dump and much of the mine equipment was transported to Savona, B.C. for storage or sale. Limited prospecting, sampling and environmental monitoring were carried out between 1997 and 1999 on the Elk property.

During 2000 twelve NQ diamond drill holes (1414m) tested the WD, B Zone and Gold Creek vein systems. Four holes were drilled into the WD zone to expand the then current 18,000 oz inferred resource block. The WD veins were intersected in all holes close to the projected depths with grades up to 41.03 g/t Au over a true width of 0.50m. The area of the proposed Phase 5.5 open pit located about 200m to the east of the existing pit had been drilled extensively to establish a resource estimate for pit planning purposes. Three holes were drilled on the east side of the proposed pit to increase the sample density. The Gold Creek West vein, located approximately 450m southwest of the existing open pit, was first drilled in 1996. Five holes were drilled to test the vein continuity at 50m intervals between sections 1700E and 1890E. The vein was intersected at the projected location with grades up to 16.55g/t Au over a true width of 0.50m. The vein steepens from about -30^{o} on sections 1750E and 1700E to -60^{o} on section 1840E and east.
The exploration field camp located on Camp Creek that was used from 1987 to 1996 was completely disassembled.

A trenching program was carried out in the Siwash East area during October of 2001. A total of six trenches with a cumulative length of 202 meters located the source of mineralized quartz float discovered by

prospecting. The trenches exposed narrow quartz veins adjacent to an east-west trending andesite dyke with grades of up to 21.7 g/t Au from a 0.5 by 0.5 meter panel sample.

During the 2002 field season twenty six NQ diamond drill holes (4496m) tested the WD, B Zone, Gold Creek West and Bullion Creek vein systems. Seven holes were drilled into the WD zone to determine the extent of the known shoot. The WD veins were intersected in all holes close to the projected depths with grades up to 91.22 g/t Au over a true width of 0.50m. Eleven holes were drilled into the DeepB shoot located immediately below the existing underground development to fill-in the drill spacing to less than 25 meters and to define the perimeter of the known mineralization. Two holes were drilled on the west side of the existing open pit to help determine the feasibility of a pit expansion to the west. The Gold Creek West vein located approximately 450m southwest of the existing open pit was tested with four holes in two 50 meter step-outs to the west of the existing grid. Two holes were drilled into the Bullion Creek structure located 700 meters to the north of the open pit to test a geochemical anomaly.

In 2003, a total of 6570 meters of NQ diamond drilling in 30 holes was carried out in the Siwash North area to further test the WD zone. A subparallel vein, the WD2 vein, was intersected about 30m below the WD vein on the west side of the grid and found to contain significant gold grades.
In preparation for the transition to a computer based staking system (MTO), claim posts for the southern claims were located with a GPS and replaced where they had been destroyed by logging operations.

The 2004 program included a total of 10265 meters of NQ diamond drilling in 44 holes in the Siwash North area to further test the WD, B and Bullion Creek zones. In preparation for the transition to a computer based staking system (MTO), selected claim posts were located with a differential GPS. A road cut to a proposed drill site in the Siwash East area was mapped and sampled over a length of approximately 40 metres. A ground magnetometer survey was carried out over the Siwash East area for a total of 15.8 line kilometers

3.4 2005 EXPLORATION PROGRAM

The 2005 exploration program on the Elk claims consisted of diamond drilling, core logging and sampling. A total of 8395 meters of NQ diamond drilling in 36 holes was carried out in the Siwash North area to further test the WD, B and Siwash Lake zones. A field camp was built approximately two kilometers south of the mine site to house the crew during the drill program.

4.0 GEOLOGY

4.1 REGIONAL GEOLOGY (Figure 1)

The Elk property is located in the Intermontane tectonic belt of south central B.C. Hope Geological Map 41-1989 by J.W.H.Monger (1989) shows the area to be underlain by Upper Triassic volcanics and sediments of the Nicola Group and by Jurassic granites and granodiorites of the Osprey Lake Batholith. The contact between these units trends northeasterly across the property. Early Tertiary feldspar porphyry stocks and dykes of the Otter Intrusions occur throughout the claims and a large body to the south is spatially associated with many known showings of copper, lead, zinc and silver.

4.2 PROPERTY GEOLOGY

The western claims area is underlain by steeply west-dipping andesitic to basaltic flows, agglomerates, tuffs and minor siltstone and limestone units of the Upper Triassic Nicola Group. The eastern half of the property is underlain by Late Jurassic granitic rocks of the Osprey Lake Batholith. The contact between these two assemblages trends approximately north-northeast. Early Tertiary feldspar porphyry and quartz-feldspar porphyry stocks and dykes of the Otter Intrusions cut both of the above. Breccias containing rounded volcanic, dioritic and granitic fragments in a granitic matrix crosscut Nicola Group rocks, Osprey Lake and Otter Intrusions. Andesite dykes are the youngest units mapped, post dating all of the above. Mineralization appears to be spatially associated with these (Tertiary?) andesite dykes which are locally cut by quartz veins.

Overall, Nicola Group rocks found on the Elk property are massive, dark grayish-green basaltic andesites. In some exposures the andesite contains pyroxene and/or amphibole phenocrysts, or laminae of sand sized black grains. Interbedded, pale green siliceous laminated tuffs and brownish green to pale green agglomerates with clasts from five to 50 cm in size have been noted. Nicola Group rocks are occasionally silicified, carbonatized or epidotized. Iron oxide staining and finely disseminated pyrite are common.

The Osprey Lake granitic rocks on the Elk property are pinkish grey, medium- to coarse-grained, equigranular, and contain quartz, orthoclase, plagioclase and biotite. Petrographic analyses indicate the composition varies from quartz monzonite to granodiorite. Pink, sugary textured aplite and pegmatite dykes cut the quartz monzonite and were probably a late phase of the intrusive event. Quartz diorite related to the batholith is far less common and occurs as stocks. It is pale grey, generally medium to fine grained and contains visible quartz, plagioclase, biotite and amphiboles. Dykes of quartz monzonite and hornblende-biotite quartz monzonite have also been mapped. They are medium greenish-grey, medium grained and contain feldspar and occasionally hornblende phenocrysts. A fine grained granodiorite has been noted in the Siwash North area at the contact with the Nicola volcanics. It is most likely an early or late chilled intrusive event of the Osprey Lake intrusion. Alteration assemblages include weak to strong propylitic, argillic, phyllic and silicic, noted predominantly with vein structures in the trenched and drilled areas where these recessively weathering features have been exposed.

The Otter Intrusions comprise quartz-feldspar porphyry, feldspar porphyry and quartz-biotite-feldspar porphyry dykes and stocks. The quartz-feldspar porphyry mapped in the Discovery area is extensively clay altered and contains feldspar phenocrysts up to five cm, averaging about five mm. The altered groundmass is beige in colour and extremely friable. Feldspar porphyry rocks range from medium grey to red and contain feldspar phenocrysts 2 to 5 mm in size that vary in quantity from 3 to 40 percent. Petrographic examination of the red, medium packed feldspar porphyry indicated that it is syenitic in composition. Quartz-biotite-feldspar porphyry is greyish beige and is typified by small biotite grains with equal quantities of fine quartz and feldspar phenocrysts.

The breccias noted cutting the Osprey Lake rocks on the property have altered granitic matrices and contain rounded to sub-rounded granite, diorite and andesite clasts varying in size from 5 to 25 cm. The elongate breccia bodies vary in width from 5 to 30 metres and trend northeasterly. These zones may be portions of major fault structures, but displacement, if any, is not readily apparent. The brecciation events are most likely associated with the Early Tertiary Otter intrusions.

Andesite dykes are dark greyish-green, fine grained and vary in thickness from 30 cm to 8 metres. They are commonly muscovite altered and brown weathering. Strong orange and blue clay alteration has also been noted in these rocks.

4.3 STRUCTURAL GEOLOGY

Nicola Group rocks on the west side of the property dip approximately 60 degrees to the west forming the east limb of a syncline mapped by Rice. The syncline trends roughly north-south and its axis passes about five km west of the claims.

The Elk property topography reflects several linear structures, the most prominent being the north to northeast trending features occupied by Siwash Creek, Elusive Creek and a parallel creek 2.5 kilometres to the east. Subtle east-northeast trends are evident on aerial photographs and are commonly associated with mineralization. Structural deformation in the area appears to be minimal.

4.4 MINERALIZATION

Gold mineralization on the Elk property is hosted primarily by quartz veins and stringers in altered granitic and, less frequently, volcanic rocks. Cross- cutting relationships indicate that the veins are Tertiary in age; they may be related to EarlyTertiary Otter intrusive events.

In the Siwash North area, (Fig. 2) gold occurs in veins measuring 5cm to 70cm thick, hosted by a zone of strongly sericitic- to phyllic-altered granitic and, in the west, volcanic rocks. In general, the mineralized zones trend ENE with southerly dips from 20^{o} to 80^{o} (from east to west), and appear to be related to minor shearing. In the eastern parts of the area, up to six sub-parallel zones occur. Six of these zones are consistent enough to be labeled the A to E and X zones. Mineralization on the west side of the Siwash North area has been identified in up to four zones (B, C, PC and DeepC). The B zone is locally divided into several subzones, with each one locally auriferous. Another subparallel vein system, the WD zone, is located 200m north of the B vein system and has the same east west extent. It dips approximately 40^{o} near surface and steepens to 70^{o} at depth. The WD zone splays locally into two veins – the Wda and WDb usually 2 to 15 meters apart. The WD2 and WD3 veins are found running subparallel to the WD to the west of the RB fault about 10 to 20 meters below. The BC zone, located 500m north of the WD zone, has been traced over a strike length of 100m and trends about 080^{o}.

From surface to a depth of several metres, oxidized groundwater has leached most of the sulfides with some pyrite and chalcopyrite remaining. Mineralization occurs primarily as native gold, occasionally as spectacular aggregates of coarse flakes in frothy quartz (strong pyrite boxwork) or in fractures in the vein. Electrum was noted in one area as very coarse-grained flakes associated with strong manganese staining. Gold was seen rarely in boxworks in phyllic alteration.

In drill core, mineralization has not been affected by supergene processes. Gold is strongly associated with pyrite and with a blue-grey mineral. Photomicrographs show the gold commonly in contact with this mineral, which may be an Au-Bi alloy (maldonite?) or a Cu-Bi-Sb sulfosalt. Au-Cu, Au-Bi, and Cu-Bi relationships have been shown by statistical analyses (Cordilleran Engineering Ltd. 1990). Metallic minerals in the core include pyrite, chalcopyrite, sphalerite, galena, tetrahedrite, maldonite(?), pyrrhotite, and native gold (in order of decreasing abundance).

Gangue mineralogy consists primarily of quartz and altered wall-rock fragments. Ankerite is commonly present, with lesser amounts of calcite. Minor barite is also present. Fluorite was noted in one vein as very small (<1mm) zoned purple cubes scattered in the quartz.

In the Siwash Lake area (Fig. 2), mineralization occurs mainly in quartz stringers and veins up to 35cm thick, hosted by strongly argillic- to phyllic-altered granitic rocks, closely associated with an andesite dyke. The zone trends easterly and dips about 60° to the south. At surface and in drill core, the gold is associated with pyrite, chalcopyrite, and locally high concentrations of galena and sphalerite. Tetrahedrite and maldonite(?) are also locally present. Silver values are much higher than in Siwash North, probably associated with the greater galena content of the veins. The gangue mineralogy is similar to Siwash North.

Mineralization in the End Zone area is similar to that in the north, but trends approximately northeast dipping about 70° to the south. The quartz veins are 1 to 20cm in thickness and are hosted in strongly to moderately altered quartz monzonite (as seen in trenches). The dominant sulphide minerals noted in the quartz veins were pyrite, galena, sphalerite, chalcopyrite, tetrahedrite and arsenopyrite. Silver to gold ratios were also elevated, similar to the Lake Zone.

In the Discovery Showing area (previously called the North Showing), pyritic quartz veining occurs within a package of altered quartz monzonite, intruded by numerous feldspar, quartz-feldspar porphyry and andesite dykes, with local diatreme breccia bodies.

In the South Showing area, mineralization occurs mainly in quartz stringers in altered granitic rocks, in association with breccia or with intensely argillized andesite dykes. Gold is rarely visible, and is associated with pyrite and base-metal sulfides. The highest grade sample is from a zone of quartz stringers paralleling the breccia, accompanied by weak sericitic alteration.

4.4.1 Alteration

On the Elk property, higher grade gold mineralization generally accompanies stronger alteration.

Seven main types of alteration were recognized throughout the property: Propylitic, argillic, sericitic, K-spar stable phyllic, phyllic, advanced argillic and silicic. Locally, potassic alteration, skarnification, and silicification were noted, but were relatively minor and did not appear to be related to mineralization. The following descriptions refer to granitic rocks except as noted:

propylitic:
Generally light green, with biotite and hornblende altered to chlorite and saussuritization of plagioclase. In volcanics, colour is generally olive-green, and rock is soft.

argillic:
Rock is bleached, with plagioclase white and clay-altered; K-spar is slightly altered. Volcanics are bleached to light green or grey.

sericitic:
Typically pale green with a micaceous sheen, with plagioclase altered to sericite; trace disseminated pyrite may be present. Often associated with quartz veins, and appears to be the lowest grade alteration associated with gold mineralization. Not recognized in volcanics.

K-spar stable phyllic:
Light pink, green, or yellowish with K-spar fresh, pink and blocky. Plagioclase and mafic minerals are altered to fine-grained quartz-sericite-pyrite. Often occurs with veins and associated with gold mineralization. Not recognized in volcanics.

phyllic:

Generally grey, fine-grained quartz-sericite-pyrite alteration. Usually associated with veins often gradational to quartz and often auriferous.

advanced argillic:

Most or all of feldspar is destroyed, quartz is "free-floating"; rock is often sheared and white in colour. Volcanics are white or blue coloured. Often associated with quartz veins.

silicic:

Quartz veining or replacement. Hard with moderate conchoidal fracture. Textures may be blurred.

There is a strong symmetrical zoning of alteration around the quartz veins:

VEIN - ADVANCED - PHYLLIC - K-SPAR STABLE - ARGILLIC - PROPYLITIC
ARGILLIC PHYLLIC

Secondary bands and zones of alteration may be present, and any of the alterations may be missing.

At surface, the alteration may produce a striking "rainbow" effect with the rock colour grading from white (vein) through grey, yellow, orange, rust, brown, and green (propylitic). In drill core, the effect is less striking and extensive, but the general pattern is still present.

4.4.2 Genetic Considerations

Gold mineralization on the Elk property appears to be related to Tertiary tectonic and intrusive events as inferred from crosscutting relationships.

At various locations on the property, quartz veins have been mapped cutting Tertiary(?) andesite dykes which intruded Tertiary Otter intrusions, Jurassic Osprey Lake Batholith and Triassic Nicola volcanics. In the Siwash North area one quartz vein was found crosscut by an andesite dyke. Cataclastic textures in the quartz veins mapped in the Siwash North and Discovery Showing areas suggest reactivation of the structures hosting the veins. Late stage Otter intrusive activity may have acted as the "heat pump" for the mineralizing fluids. Petrographic analyses indicate that the deposition of gold mineralization was a late-stage event in the hydrothermal system, with native gold and associated sulphide minerals filling fractures in pyrite.

During the mineralizing events, hydrothermal fluids permeated fractures in the host rock, depositing quartz and sulphides in the fractures and causing alteration of the wall rocks. These fluids probably had temperatures of about 300^{o} C during the initial stages of mineralization as indicated by sulphide and alteration mineralogy (Panteleyev, 1986).

Briefly, the genetic model for the deposits is thought to be as follows:

1) Deposition of the Nicola volcanics.
2) Emplacement of the Osprey Lake Batholith.
3) Emplacement of the Otter syenitic intrusions.
4) Fracturing possibly during the Osprey Lake and/or Otter intrusive events.
5) Intrusion of andesite dykes.
6) Precipitation of quartz veins with pyrite, base metal sulphides and late stage gold mineralization, with associated hydrothermal alteration.
7) Erosion to present level.

5.0 DIAMOND DRILLING

5.1 INTRODUCTION

Surface diamond drilling was carried out on the Siwash North Mining Lease between June 16 and October 19, 2005. A total of 8,395m of drilling in 36 NQ holes tested the WD Zone between 2160E and 2745E and to a depth of 320m down dip, the B zone was tested to 340m and the Siwash Lake zone was tested over a strike length of 240m to a depth of 130m. All holes were drilled on sections 50 or 25m apart. Drilling was performed by Leclerc Drilling Ltd. of Cranbrook, B.C. using skid-mounted Longyear 38. Drill hole locations and depths are summarized in Table 3.

Table 3 **ELK PROPERTY 2005 DRILL SUMMARY**

HOLE NO	DATE START	DATE FINISH	ZONE	SECTION	COLLAR NORTH	COLLAR EAST	COLLAR ELEV	DEPTH
SLD05436	29-Sep-05	30-Sep-05	SL	2460E	2477.06	2460.3	1643.8	117.96
SLD05437	30-Sep-05	01-Oct-05	SL	2260E	2515.62	2260.6	1675.33	86.87
SLD05438	01-Oct-05	02-Oct-05	SL	2260E	2487.09	2265.3	1675.94	121.01
SLD05439	02-Oct-05	04-Oct-05	SL	2210E	2502.38	2215.3	1672.58	68.58
SLD05440	02-Oct-05	06-Oct-05	SL	2210E	2478.18	2218.7	1671.51	114.91
SND05410	17-Jun-05	20-Jun-05	DpB	2040E	3207	2039.9	1656.64	241.4
SND05411	20-Jun-05	23-Jun-05	DpB	2040E	3206.74	2040	1656.56	289.56
SND05412	24-Jun-05	28-Jun-05	DpB	2040E	3172.08	2039.8	1652.57	334.37
SND05413	28-Jun-05	02-Jul-05	WD	2160E	3430.14	2162.3	1644.42	294.74
SND05414	02-Jul-05	08-Jul-05	WD	2160E	3429.33	2164.6	1644.44	228.3
SND05415	08-Jul-05	14-Jul-05	WD	2210E	3418.97	2209.9	1639.4	302.67
SND05416	15-Jul-05	18-Jul-05	WD	2110E	3433.14	2109.7	1650.39	179.22
SND05417	18-Jul-05	22-Jul-05	WD	2395E	3443.9	2397.6	1629.46	288.04
SND05418	22-Jul-05	27-Jul-05	WD	2445E	3414.77	2445.3	1634.23	322.17
SND05419	28-Jul-05	07-Aug-05	WD	2445E	3456.42	2445	1636.47	291.69
SND05420	07-Aug-05	09-Aug-05	WD	2495E	3515.09	2494	1642.47	204.52
SND05421	09-Aug-05	13-Aug-05	WD	2495E	3476.32	2494.5	1643	270.36
SND05422	13-Aug-05	19-Aug-05	WD	2495E	3452.49	2494.9	1643.3	309.37
SND05423	19-Aug-05	24-Aug-05	DpB	2140E	3106.88	2139.8	1642.01	342.9
SND05424	24-Aug-05	29-Aug-05	DpB	2140E	3106.71	2139.8	1641.99	364.24
SND05425	29-Aug-05	01-Sep-05	WD	2545E	3541.35	2544.8	1643.47	188.06
SND05426	01-Sep-05	06-Sep-05	WD	2545E	3403.65	2545	1648.65	330.86
SND05427	06-Sep-05	08-Sep-05	WD	2545E	3451.85	2544.6	1648.61	299.31
SND05428	08-Sep-05	14-Sep-05	WD	2595E	3421.12	2594.3	1652.12	289.26
SND05429	15-Sep-05	16-Sep-05	WD	2595E	3470.82	2594.5	1650.02	227.08
SND05430	16-Sep-05	17-Sep-05	WD	2595E	3533.06	2594.3	1641.68	151.49
SND05431	18-Sep-05	19-Sep-05	WD	2645E	3546.9	2645.3	1639.04	150.88
SND05432	19-Sep-05	20-Sep-05	WD	2695E	3544.37	2695.6	1639.89	153.93
SND05433	21-Sep-05	22-Sep-05	WD	2695E	3487.58	2695.3	1646.52	224.64
SND05434	22-Sep-05	25-Sep-05	WD	2695E	3439.34	2694.5	1649.9	262.13
SND05435	25-Sep-05	28-Sep-05	WD	2645E	3374.78	2643.7	1650.91	320.65
SND05441	06-Oct-05	09-Oct-05	DpB	1990E	3198.08	1989.9	1656.29	252.07
SND05442	09-Oct-05	12-Oct-05	DpB	1990E	3197.93	1989.9	1656.22	179.83
SND05443	12-Oct-05	15-Oct-05	WD	2745E	3448.33	2743.9	1645.37	247.8
SND05444	15-Oct-05	17-Oct-05	WD	2745E	3495.55	2743.2	1639.96	201.78
SND05445	17-Oct-05	19-Oct-05	WD	2745E	3552.23	2743.9	1634.05	142.34
							Total:	8394.99

5.2 DRILLING OPERATIONS

All holes in the 2005 drill program were drilled to the north on sections 50 and 25 meters apart. Holes SND05-414 and 442 were not drilled to completion due to poor ground conditions but all the remaining holes intersected their targets.

Drill sites were leveled and prepared using a John Deere 160 excavator contracted from Lower Nicola Backhoe. HaulRite Transport was contracted to log the right of way and drill sites in the Siwash Lake area and to process the logs cut for the B zone drill sites in 2004. Sumps were dug to contain cuttings. The drill was moved between sites using a D5 tractor. Water was pumped to the drill from the open pit.

Upon receipt, the core was washed, footage blocks converted to metres, and the recovery, RQD (rock quality determination), hardness, and degree of breakage were measured. All the core was photographed at four core boxes to the frame, and selected intervals were photographed at five frames per core box. The geology, geotechnical information, and sample intervals were logged onto hand-held HP200LX palm-top computers, and were later down-loaded onto a desktop computer. All samples were split and every twentieth sample was quartered for duplicate analysis as part of the quality control process. Gold standard pulps provided by CDN Resource Laboratories Ltd. were inserted into the sample stream as a check of lab procedures. Samples were shipped to Acme Analytical Laboratories Ltd. in Vancouver, B.C. and assayed or analyzed for gold. Thirty element ICP analysis was also performed on samples containing quartz vein material. Specific gravity measurements using a scale were made on selected mineralized zones at the site.

Drill hole orientations were measured at surface with a Brunton compass, and down-hole with an Icefield MI-3 multishot inclinometer/deviation tool. On completion of the hole, the casing was removed and replaced with a section of 2.5 inch diameter PVC pipe. The hole locations were surveyed relative to pre-established survey control points using a Leica TCR 405 Power theodolite equipped with an EDM.

5.3 DRILLING RESULTS

Surface drill hole collar locations are shown on Plate 1 and are listed below in Table 3. Summary drill logs, including geology and assay information for all 2005 drill holes, are included in Volume II, Appendix D. Subsurface geology, sample locations and selected assays are plotted on drill sections included in Plates 2 to 19. Averaged assay results with zone intercept coordinates are listed below in Table 4.

Seven holes were drilled into the B zone in the area below the existing mine workings to test the extent of mineralization intersected in 2004 (see plates 3, 5, 6, 8). The B zone was intersected in all but one hole which was not completed due to difficult ground conditions. The B zone appears to flatten at depth to -20 degrees (section 2140E) and a new vein, termed the DeepC zone, was intersected 33 meters below. The new drilling appears to define a southeast trending shoot that runs parallel to the one defined by holes 97 and 209.

The WD zones to the west of the north-northwest trending RB fault were tested by four holes, all of which intersected the WD system (see plates 2, 7, 9, 10). Hole SND05-414 was terminated prior to intersecting the WD2 zone due to poor ground conditions. The grade and structural continuity of the WD vein to the west of the RB fault (2280E 3160N) is less than that to the east but good grade intersections at depth suggest that more drilling is required.
Twenty holes were drilled into the WD vein system to the east of the RB fault to fill in the intersection density to 25 by 50m through the area of the mineralized shoot (see plates 2, 11-18). The structure was intersected at the projected locations in all the holes drilled and grade continuity was for the most part confirmed given the nugget effect of high grade systems.

Table 4 **2005 DRILL INTERSECTION SUMMARY**

Hole Num	From	To	Int	TW	Zone	Au g/t	Ag g/t	SG	North	East	Elevation
SLD05438	87.60	88.10	0.50	0.50	LZ1	10.53	19.97	2.54	2515.15	2265.75	1592.97
SLD05439	37.30	38.29	0.99	0.75	LZ2	17.13	168.90	2.77	2524.59	2215.50	1642.62
SND05410	217.31	217.89	0.58	0.50	B	73.57	62.75	2.98	3263.40	2039.86	1446.33
SND05411	259.12	260.73	1.61	0.50	B	16.77	26.70	2.72	3235.08	2047.73	1399.06
SND05411	229.64	230.22	0.58	0.50	PC2	36.21	0.00	2.70	3231.94	2046.62	1428.09
SND05412	269.20	269.78	0.58	0.50	B	13.66	21.78	2.81	3209.77	2031.81	1385.90
SND05413	171.36	172.36	1.00	0.50	WD	13.80	37.08	2.75	3426.91	2164.36	1472.40
SND05415	280.99	281.70	0.71	0.50	WD2	21.67	26.58	2.91	3376.61	2201.05	1361.93
SND05417	249.45	249.98	0.53	0.50	WD2	16.28	90.71	2.75	3499.52	2402.22	1385.97
SND05418	286.06	287.96	1.90	1.52	WD	4.00	13.34	2.81	3480.85	2452.26	1354.09
SND05419	222.36	223.66	1.30	1.18	WDb	6.28	36.45	2.81	3519.03	2445.43	1422.74
SND05419	26.25	26.76	0.51	0.50	X	10.88	12.34	2.60	3463.74	2444.90	1610.89
SND05419	9.60	26.55	16.95	16.75	X	0.37	0.62	2.68	3463.74	2444.90	1610.89
SND05420	169.47	170.25	0.78	0.50	Wda	15.40	35.85	2.67	3554.23	2491.21	1477.21
SND05421	23.15	23.76	0.61	0.60	B	16.34	3.95	2.62	3481.02	2494.72	1619.83
SND05421	228.06	228.77	0.71	0.50	WD	90.86	127.48	3.24	3519.29	2496.87	1418.44
SND05422	25.95	26.46	0.51	0.50	Ba	10.39	5.85	2.66	3457.91	2494.64	1617.55
SND05422	26.16	39.11	12.95	12.73	Bb	0.63	0.41	2.69	3458.55	2494.58	1614.42
SND05422	258.16	259.78	1.62	0.50	WD	10.05	11.76	2.66	3504.50	2493.49	1390.07
SND05423	225.03	225.53	0.50	0.50	PC	41.43	101.81	2.81	3173.53	2141.59	1427.08
SND05424	306.36	306.87	0.51	0.50	B	34.35	39.14	2.77	3157.35	2145.23	1339.84
SND05425	120.80	121.66	0.86	0.65	WD	23.46	43.50	2.67	3571.27	2545.51	1526.37
SND05426	52.24	52.75	0.51	0.50	B	31.09	67.92	2.74	3416.68	2544.00	1597.91
SND05426	52.45	64.13	11.68	11.42	B	1.46	3.67	2.69	3416.68	2544.00	1597.91
SND05426	305.03	305.76	0.73	0.50	WD	14.26	94.58	2.72	3475.61	2542.91	1352.34
SND05427	30.44	49.74	19.30	14.98	B	0.35	0.37	2.69	3462.23	2544.94	1608.20
SND05427	249.23	249.97	0.74	0.50	WD	46.07	86.82	2.77	3512.86	2549.19	1406.82
SND05428	90.61	91.66	1.05	1.00	D	6.09	10.52	2.67	3454.69	2595.77	1565.70
SND05429	31.95	50.11	18.16	17.33	B	0.37	0.50	2.69	3485.90	2594.49	1615.69
SND05429	195.23	196.65	1.42	0.50	WD	14.71	27.15	2.60	3547.03	2597.53	1468.89
SND05430	135.57	136.09	0.52	0.50	WDb	16.61	25.09	2.64	3578.94	2594.93	1514.11
SND05432	125.85	126.50	0.65	0.50	WD	19.08	19.64	2.61	3585.40	2701.80	1520.77
SND05434	233.48	234.05	0.57	0.50	WD	14.41	30.76	2.70	3523.18	2699.01	1432.14
SND05435	104.56	108.30	3.74	3.57	C	1.74	7.44	2.68	3419.60	2646.67	1556.50
SND05435	283.88	286.29	2.41	1.30	WDa	11.09	110.36	2.64	3497.90	2655.15	1394.30

Five holes were drilled into the Siwash Lake veins on fifty meter centers to test for grade and continuity to the west and to depth along the south dipping ninety degree trending structure (see plates 4 and 19-21). One hole was drilled 50m downdip from the existing intercepts on section 2460E and four holes were drilled on two new fences to the west of the grid. Mineralization was intersected in all holes adjacent to a south dipping andesite dyke. The dyke dips about 45 degrees on the east part of the drill grid and steepens to 70 degrees to the west. Moderate values were returned from sampling and the structure remains an interesting exploration target.

6.0 GEOCHEMISTRY

6.1 INTRODUCTION

A total of 982 drill core samples were collected from 36 holes on the Elk claims during the 2005 field season. Also analyzed/assayed were 57 standards, 57 blanks and 56 duplicates. The majority of the core samples were assayed by fire assay or metallics methods and a small number were analyzed for gold depending on visual estimation of potential gold grade.

6.2 ROCK GEOCHEMISTRY

Drill core samples were shipped to Acme Analytical Laboratories in Vancouver for gold analysis. Sample preparation and analysis methods varied based on material sampled. All samples were split and every twentieth sample was quartered to produce a duplicate for quality control purposes.

Samples that were expected to have significant gold content were split and half the core was submitted to the lab for metallics assay. Typically, this material consisted of quartz vein with or without wall rock, at least 10 to 15cm thick with a minimum of 10% sulfide (or traces of visible gold). These samples were crushed in their entirety to -3/16" and coarse pulverized to -1/16". Two kg of the -1/16" material was split out and pulverized to 99% finer than -150 mesh and sieved on a 150 mesh screen. One Assay Ton (1 AT) of the -150 mesh fraction was assayed for gold and silver, and was combined with the weighted result of gold and silver fire assays of the entire coarse fraction, to give total gold and silver values. ICP analysis for 35 elements was also carried out on a 0.50gm sample of -100 mesh material. Selected high grade intercepts were checked by resampling from the reject and assaying for gold by the same method.

Samples which were expected to be of lower grade were split and shipped to the lab for fire assay. This material usually consisted of quartz vein material less than 10cm thick with less than 10% sulfide. At the lab the entire sample was crushed to -3/16", then 2kg were split out and coarse pulverized to -1/16". A 250gm split was taken and pulverized to -100 mesh. A one-assay ton (1 AT) sample was fire assayed for gold and silver. Thirty-five element ICP analysis was usually carried out. Higher grade intercepts were reassayed using the metallics method described above.

Samples that were not expected to carry high gold values, typically stringers, strongly altered wallrock or blank samples flanking well mineralized samples, were split and analyzed for gold using a wet geochemical method. At the lab the entire sample was crushed to -3/16", 250 gm of sample split out and pulverized to -100 mesh. A 20 gm sample of the -100 mesh material was analyzed for Au by ICP-MS using acid extraction.

Samples that returned higher than expected values were assayed using the next higher confidence sampling procedure. The 2005 assays correlated very closely with the analyses but have in the past generally returned lower values. This may be due to the larger assay sample size reducing the nugget effect. The results of the upgraded assays are listed below in Table 5.

Table 5 **ReAssay Sample Summary**

Hole No	From (m)	To (m)	Sample No.	Au Wet Geochem (ppb)	Au Fire Assay (oz/t)	Au Metallics (oz/t)	Geochem/Assay Variablilty %	Assay/Metallics Variablility %
SND05410	169.23	169.53	SND05410-5	2586	0.080		0.11%	
SND05410	204.06	204.56	SND05410-7	7835.3	0.210		0.09%	
SND05411	180.22	180.52	SND05411-3	7369.2	0.200		0.09%	
SND05411	284.21	284.51	SND05411-17	4583.4	0.100		0.07%	
SND05412	114	114.3	SND05412-2	2832	0.070		0.08%	
SND05414	23.33	23.83	SND05414-1	7735	0.220		0.10%	
SND05414	31.09	31.49	SND05414-3	16196.3	0.483		0.10%	
SND05414	32.61	32.91	SND05414-4	3167.3	0.090		0.10%	
SND05414	59.19	59.49	SND05414-5	3782	0.110		0.10%	
SND05427	245.23	245.53	SND05427-40		0.006	0.010		165.28%

Raw assay data is presented in Appendix A.

6.3 METHODS OF AVERAGE GRADE CALCULATION

True widths of the sampled intervals were determined from core angles and from zone orientations determined by contouring the zone intercepts. Specific gravities were assumed to be 2.75 for sulfide ore, 2.5 for oxide ore, or were calculated from the Fe, Pb, Cu, Zn contents of the samples when these element analyses were available. The specific gravities of well-mineralized samples were measured at the exploration site with a scale using weights in air and water.
Average grades were weighted for true width and specific gravity over an interval of 0.50m or the vein thickness if greater than 0.50m. Averaged intervals, their zone designations, and true widths are included in Table 4.

6.4 QUALITY CONTROL MEASURES

All drill core samples were split in order to leave part of the sample for future check sampling or inspection. Every twentieth sample was duplicated by taking a quarter split and assigning it the next sequential sample number. Table 6 shows the results of the duplicate analyses. The variability of the 2005 sample values ranges from 0% to 100% with an average of 37.7% indicating a significant nugget effect.

Table 6

ELK DRILL DUPLICATE SAMPLE SUMMARY

DUPLICATES		*Geochemistry* Sample	Duplicate			*Assay* Sample	Duplicate
Orig	Dupl	Au ppb	Au ppb	Average	% Variablilty	Au g/t	Au g/t
SLD05436-6	SLD05436-5			0.2	20.0%	0.21	0.14
SLD05437-8	SLD05437-7			0.1	66.7%	0.17	0.03
SLD05439-7	SLD05439-6			0.1	20.0%	0.07	0.10
SND05411-6	SND05411-5	427.6	200.6	314.1	36.1%		
SND05412-9	SND05412-8	5.1	0.6	2.9	78.9%		
SND05413-10	SND05413-10	447.3	675.6	561.5	20.3%		
SND05415-27	SND05415-26			0.1	69.2%	0.02	0.11
SND05415-8	SND05415-7			1.9	17.7%	1.53	2.19
SND05417-52	SND05417-51			1.0	14.7%	1.17	0.87
SND05418-32	SND05418-31			1.6	68.8%	0.51	2.78
SND05418-52	SND05418-51			0.2	45.5%	0.10	0.27
SND05419-36	SND05419-35			0.1	33.3%	0.14	0.07
SND05420-19	SND05420-18			0.8	95.5%	0.03	1.47
SND05420-39	SND05420-38			0.0	0.0%	0.03	0.03
SND05421-2	SND05421-1			15.3	30.7%	10.59	19.99
SND05421-22	SND05421-21			0.0	0.0%	0.03	0.03
SND05421-42	SND05421-41			0.0	0.0%	0.03	0.03
SND05421-62	SND05421-61			0.0	0.0%	0.03	0.03
SND05421-82	SND05421-81			0.1	50.0%	0.03	0.10
SND05422-30	SND05422-29			0.2	11.1%	0.17	0.14
SND05422-50	SND05422-49			2.1	9.7%	1.92	2.33
SND05423-36	SND05423-35			0.2	20.0%	0.21	0.14
SND05424-19	SND05424-18			0.2	50.0%	0.10	0.31
SND05425-9	SND05425-8			4.1	85.1%	0.62	7.65
SND05426-24	SND05426-23			1.1	65.1%	0.38	1.78
SND05426-4	SND05426-3			0.1	14.3%	0.10	0.14
SND05426-44	SND05426-43			0.3	15.8%	0.27	0.38
SND05427-2	SND05427-1			0.9	74.5%	1.65	0.24
SND05427-22	SND05427-21			1.5	41.6%	2.16	0.89
SND05427-42	SND05427-41			0.0	0.0%	0.03	0.03
SND05428-30	SND05428-29			0.0	0.0%	0.03	0.03
SND05429-28	SND05429-27			0.2	100.0%	0.31	0.00
SND05429-8	SND05429-7			1.0	26.3%	1.23	0.72
SND05431-26	SND05431-25			0.0	0.0%	0.03	0.03
SND05431-6	SND05431-5			0.1	33.3%	0.03	0.07
SND05432-17	SND05432-16			0.0	0.0%	0.03	0.03
SND05433-13	SND05433-12			5.2	6.6%	5.55	4.87
SND05433-33	SND05433-32			0.1	33.3%	0.07	0.03
SND05434-12	SND05434-11			0.0	100.0%	0.03	0.00
SND05434-32	SND05434-31			0.1	33.3%	0.03	0.07
SND05435-28	SND05435-27			0.2	60.0%	0.27	0.07
SND05435-8	SND05435-7			0.0	100.0%	0.03	0.00
SND05441-8	SND05441-7			17.5	47.7%	9.12	25.78
SND05443-12	SND05443-11			1.0	85.7%	0.14	1.78
SND05444-24	SND05444-23			0.6	35.3%	0.79	0.38
SND05444-4	SND05444-3			0.1	20.0%	0.07	0.10
SND05445-13	SND05445-12			2.9	33.3%	1.95	3.91
				Average:	**37.7%**		

Blank samples were submitted to the lab at the same frequency as the duplicates. The blanks were taken from unaltered granodiorite or quartz monzonite core that contained no quartz veining. The purpose of including blanks in the sample stream was to confirm that no contamination occurred in the sampling or analysis procedures. Except for a single spike of 416 ppb from the 2003 sampling, the blanks indicate that contamination is not an issue. The results received since 2000 are shown in Table 7.

Table 7 **Elk Sample Blank Summary**

Samp#	Au ppb	Samp#	Au ppb	Au g/t	Samp#	Au ppb	Au g/t	Samp#	Au ppb	Au g/t
SND02310-21	5.3	SND03339-41	0.5		SND04380-3	<0.5		SND05418-53	0.9	
SND02311-27	3.8	SND03339-60	5.2		SND04381-11	<0.5		SND05419-17	1.2	
SND02311-47	3.3	SND03341-5	-0.2		SND04381-31	1.2		SND05419-37	5.1	
SND02312-12	12.0	SND03342-24	2.2		SND04382-13	11.0		SND05420-20	2.5	
SND02313-18	6.2	SND03342-4	35		SND04382-33	1.3		SND05420-40	1.9	
SND02315-7	5.2	SND03343-16	3.9		SND04383-12	1.2		SND05421-23	7.5	
SND02317-4	14.0	SND03345-5	5.4		SND04384-13	1.0		SND05421-3	6.1	
SND02318-4	7.1	SND03346-10	416.2		SND04385-12	0.9		SND05421-43	4.9	
SND02319-5	1.6	SND03347-12	11.7		SND04385-32		0.07	SND05421-63	6.3	
SND02321-4	0.2	SND03349-11	5		SND04386-7	<0.5		SND05421-83	2.5	
SND02323-7	1.4	SND03349-31	1.9		SND04387-21	0.8		SND05422-11		0.00
SND02325-5	7.7	SND03351-16	2.3		SND04388-23	0.8		SND05422-31		0.07
SND02325-27	0.1	SND03351-36	9.7		SND04388-3	4.0		SND05422-51		0.00
SND02326-7	4.9	SND03352-4	0.7		SND04389-7	2.3		SND05423-17	8.2	
SND02327-11	5.6	SND03354-15	1.5		SND04390-9	9.0		SND05423-37	1.3	
SND02329-7	1.3	SND03354-35	3		SND04391-9	3.0		SND05424-20	3.9	
SND02330-5	4.6	SND03355-13	7		SND04392-11	<0.5		SND05425-10	86.9	
SND02331-14	1.3	SND03355-33	0.3		SND04393-15	2.0		SND05426-25	8.8	
SND02332-7	3.4	SND03356-20	10.5		SND04395-19	2.2		SND05426-45		0.00
SND02332-27	15.9	SND03358-11	62.3		SND04396-9	19.6		SND05426-5	9.0	
SND02334-6	1.0	SND03358-31	16.1		SND04398-14	<0.5		SND05427-23		0.00
SND02334-26	3.6	SND03359-8	2		SND04402-5	3.6		SND05427-3	1.7	
SND02335-5	12.0	SND03361-4	17.9		SND04403-8	7.5		SND05427-43	3.2	
SND02335-25	1.6	SND03362-7	14.7		SND04405-13	1.8		SND05428-11		0.00
		SND03364-9	5.6		SND04405-33		<0.01	SND05428-31	1.0	
SND00298-21	0.8	SND03365-9	17.7		SND04408-4	2.1		SND05429-29	2.0	
SND00298-41	4.4				SND04409-8	1.4		SND05429-49		0.00
SND00299-20	0.9	SND04366-21	9.2					SND05429-9		0.00
SND00299-40	2.9	SND04367-13	4.0		SLD05436-7	0.7		SND05430-14	1.0	
SND00300-7	3.7	SND04368-12	18.2		SLD05437-9	0.8		SND05431-27	3.0	
SND00301-8	8.9	SND04369-12	0.5		SLD05439-8	0.5		SND05431-7		0.03
SND00302-6	36.6	SND04371-28	4.5		SND05411-7	6.0		SND05432-18		0.00
SND00303-11	0.5	SND04371-9	<0.5		SND05412-10	1.3		SND05433-14	12.2	
SND00304-6	9.8	SND04373-17	0.7		SND05413-11	1.7		SND05433-34	11.3	
SND00308-5	0.4	SND04373-38	8.1		SND05415-28	8.4		SND05434-13		0.00
SND00309-18	0.3	SND04375-16	4.5		SND05415-9	1.4		SND05434-33	7.8	
SND03337-28	9.8	SND04375-36	<0.5		SND05417-12	1.1		SND05435-29	8.1	
SND03337-7	9.6	SND04375-56	3.8		SND05417-32	2.1		SND05435-9	5.6	
SND03338-29	1	SND04377-4	2.6		SND05417-53	5.6		SND05441-9	0.7	
SND03338-9	75	SND04379-9	0.5		SND05418-13	6.5		SND05443-13		0.00
SND03339-20	3.8	SND04380-23	0.6		SND05418-33	1.1		SND05444-25		0.00
								SND05444-5		0.00
								SND05445-14		0.03

Acme Analytical Labs provides re-samples as part of their analytical procedure. The results are listed below in Table 8. The original analyses/assays are listed in the "Sample Au ppb" column. Re-analyses/assays with sample cuts taken from the pulp are listed in the "RE Au ppb" column and those with cuts taken from the reject are listed in the "RRE" column. The variability is calculated by taking the difference between the minimum and maximum values and dividing this by the mean of the sample results. The difference between results is due to the nugget effect typical of high grade gold systems.

Table 8 **ELK DRILL SAMPLE RERUN SUMMARY**

	Wet Geochem					***Fire Assay***				
	Sample	**RE Au**	**RRE Au**		**%**	**Sample**	**RE**	**RRE**		**%**
SAMPLE #	**Au ppb**	**ppb**	**ppb**	**Average**	**Variablilty**	**Au g/t**	**Au g/t**	**Au g/t**	**Average**	**Variablilty**
SLD05436-16						1.68	1.71	1.85	1.75	5.9%
SLD05440-7						0.14	0.10	0.21	0.15	38.5%
SND05415-21						0.49	0.57	0.46	0.51	12.5%
SND05417-19						0.13	0.13	0.20	0.15	30.4%
SND05417-35						0.02	0.03	0.02	0.02	28.6%
SND05418-48						0.03	0.03	0.03	0.03	0.0%
SND05418-8						0.24	0.51	0.31	0.35	45.2%
SND05419-28						0.00	0.03	0.00	0.01	200.0%
SND05420-40	3.2	1.9	1.9	2.33	37.1%					
SND05421-1						6.17	8.71	10.59	8.49	27.3%
SND05421-22						0.03	0.03	0.03	0.03	0.0%
SND05421-65						0.21	0.21	0.14	0.18	25.0%
SND05422-17						0.03	0.03	0.07	0.05	50.0%
SND05423-8						0.07	0.03	0.03	0.05	50.0%
SND05424-16						22.05	21.19	14.43	19.22	24.9%
SND05424-2						0.00	0.00	0.03	0.01	200.0%
SND05426-2						0.86	0.51	1.06	0.81	36.6%
SND05426-27						1.06	1.78	0.65	1.17	52.9%
SND05426-59						0.38	0.34	0.45	0.39	14.7%
SND05428-3						0.14	0.10	0.14	0.13	18.2%
SND05428-42						0.17	0.14	0.14	0.15	15.4%
SND05429-33						0.48	0.69	0.07	0.41	83.3%
SND05429-52						0.07	0.03	0.03	0.05	50.0%
SND05430-14	3	1	1	1.67	80.0%					
SND05431-26						0.03	0.03	0.03	0.03	0.0%
SND05432-10						0.27	0.24	0.24	0.25	9.1%
SND05433-12						6.10	6.75	5.55	6.14	10.1%
SND05434-22						0.31	0.34	0.24	0.30	19.2%
SND05435-12						4.90	5.18	4.66	4.91	5.3%
SND05435-24						0.86	0.89	2.13	1.29	64.6%
SND05443-10						0.03	0.00	0.03	0.02	100.0%
SND05445-12						2.37	1.92	1.95	2.08	13.7%
SND05445-3						0.41	0.24	0.21	0.29	44.0%
				Average:	58.6%				**Average:**	41.1%

Standard pulp samples were included in the sample stream to check the consistency of the assay lab procedures. Two standards (9.9 g/t Au and 33.5 g/t Au) were purchased from CDN Resource Laboratories Ltd. of Delta BC, and 10 gram samples were sent to Acme Analytical Labs at a frequency of about one per twenty drill core samples. Table 9 below lists the results of the standard assays and analyses.

Table 9 **Drill Sample Standard Summary**

Sample#	Geochem Au ppb	Deviation	Au gm/t	Deviation	Assay/Analysis	Au Standard	Report Number
SND05411-8	10334.5	0.00%			Wet Geochem	9.9+-.5 gm/t	A503246
SND05417-13			9.96	0.00%	Fire Assay	9.9+-.5 gm/t	A503976
SND05417-33			21.72	0.00%	Fire Assay	21.7+-.5 gm/t	A503976
SND05417-54			10.38	0.00%	Fire Assay	9.9+-.5 gm/t	A503976
SND05418-14			33.12	0.00%	Fire Assay	33.5+-1.7gm/t	A504437
SND05418-34	33201.2	0.00%			Wet Geochem	33.5+-1.7gm/t	A504439
SND05418-54	9957.7	0.00%			Wet Geochem	9.9+-.5 gm/t	A504439
SND05419-18	32938.5	0.00%			Wet Geochem	33.5+-1.7gm/t	A504439
SND05419-38	9581.3	0.00%			Wet Geochem	9.9+-.5 gm/t	A504439
SND05420-21	9298.2	1.08%			Wet Geochem	9.9+-.5 gm/t	A504818
SND05420-4			17.42	17.84%	Fire Assay	21.7+-.5 gm/t	A504816
SND05420-41	33709.3	0.00%			Wet Geochem	33.5+-1.7gm/t	A504818
SND05421-24	33384.4	0.00%			Wet Geochem	33.5+-1.7gm/t	A504818
SND05421-4	9525.0	0.00%			Wet Geochem	9.9+-.5 gm/t	A504818
SND05421-44	34261.0	0.00%			Wet Geochem	33.5+-1.7gm/t	A504818
SND05421-64	10264.6	0.00%			Wet Geochem	9.9+-.5 gm/t	A504818
SND05421-84	35160.4	0.00%			Wet Geochem	33.5+-1.7gm/t	A504818
SND05422-12			10.08	0.00%	Fire Assay	9.9+-.5 gm/t	A505256
SND05422-32			9.94	0.00%	Fire Assay	9.9+-.5 gm/t	A505256
SND05422-52			34.35	0.00%	Fire Assay	33.5+-1.7gm/t	A505256
SND05423-18	9877.3	0.00%			Wet Geochem	9.9+-.5 gm/t	A505258
SND05423-38	32044.9	0.00%			Wet Geochem	33.5+-1.7gm/t	A505258
SND05424-21	32590.8	0.00%			Wet Geochem	33.5+-1.7gm/t	A505258
SND05425-11	9685.7	0.00%			Wet Geochem	9.9+-.5 gm/t	A505550
SND05426-26	10696.9	2.85%			Wet Geochem	9.9+-.5 gm/t	A505550
SND05426-46			35.01	0.00%	Fire Assay	33.5+-1.7gm/t	A505548
SND05426-6	34144.4	0.00%			Wet Geochem	33.5+-1.7gm/t	A505550
SND05427-24			33.50	0.00%	Fire Assay	33.5+-1.7gm/t	A506092
SND05427-4			9.98	0.00%	Fire Assay	9.9+-.5 gm/t	A506092
SND05427-44	9842.9	0.00%			Wet Geochem	9.9+-.5 gm/t	A506094
SND05428-12			10.35	0.00%	Fire Assay	9.9+-.5 gm/t	A506092
SND05428-32	10216.5	0.00%			Wet Geochem	9.9+-.5 gm/t	A506094
SND05429-10			33.74	0.00%	Fire Assay	33.5+-1.7gm/t	A506092
SND05429-30	9962.9	0.00%			Wet Geochem	9.9+-.5 gm/t	A506094
SND05429-50			35.11	0.00%	Fire Assay	33.5+-1.7gm/t	A506092
SND05430-15	33255.3	0.00%			Wet Geochem	33.5+-1.7gm/t	A506094
SND05431-28	9952.7	0.00%			Wet Geochem	9.9+-.5 gm/t	A506094
SND05431-8			10.01	0.00%	Fire Assay	9.9+-.5 gm/t	A506092
SND05432-19			35.11	0.00%	Fire Assay	33.5+-1.7gm/t	A506092
SND05433-15	34123.7	0.00%			Wet Geochem	33.5+-1.7gm/t	A506334
SND05433-35	34974.4	0.00%			Wet Geochem	33.5+-1.7gm/t	A506334
SND05434-14			10.66	2.53%	Fire Assay	9.9+-.5 gm/t	A506332
SND05434-34	34446.0	0.00%			Wet Geochem	33.5+-1.7gm/t	A506334
SND05435-10	32557.6	0.00%			Wet Geochem	33.5+-1.7gm/t	A506334
SND05435-30	10081.2	0.00%			Wet Geochem	9.9+-.5 gm/t	A506334
SND05441-10	32861.4	0.00%			Wet Geochem	33.5+-1.7gm/t	A506919
SND05443-14			10.83	4.18%	Fire Assay	9.9+-.5 gm/t	A506917
SND05444-26			33.09	0.00%	Fire Assay	33.5+-1.7gm/t	A506917
SND05444-6			10.22	0.00%	Fire Assay	9.9+-.5 gm/t	A506917
SND05445-15			33.81	0.00%	Fire Assay	33.5+-1.7gm/t	A506917
Average		**0.14%**		**1.17%**			

A series of samples were selected for check assay at ALS Chemex Labs in Vancouver. The pulps were sent from Acme to Chemex and assayed for gold. The samples were then re-numbered and returned to Acme for re-assay. Correlation between assays is very good as shown below in Table 10.

Table 10 ELK DRILL CHECK SAMPLE SUMMARY

	Fire Assay					
	Acme	Chemex	Acme Blind			Avg Au g/t
SAMPLE #	Au g/t	Au g/t	Rerun Aug/t	Average	% Variability	x % Var
SLD05436-17	10.64	9.73	49.17	23.18	112.1%	25.99
SLD05439-3	14.26	16.55	27.18	19.33	40.6%	7.85
SLD05439-5	1.06	1.38	1.88	1.44	30.5%	0.44
SLD05440-1	3.12	2.79	3.06	2.99	6.7%	0.20
SND05410-13	135.97	95.70	104.00	111.89	14.5%	16.19
SND05412-11	33.25	NSS	35.98	34.61	3.9%	1.37
SND05418-14	33.12	NSS	36.62	34.87	5.0%	1.75
SND05419-48	13.89	12.40	13.67	13.32	6.9%	0.92
SND05421-77	103.76	80.80	104.66	96.41	16.2%	15.61
SND05422-52	34.35	NSS	35.92	35.14	2.2%	0.78
SND05423-21	51.27	42.60	42.57	45.48	6.4%	2.91
SND05426-29	0.10	0.14	0.12	0.12	15.7%	0.02
SND05426-46	35.01	NSS	36.05	35.53	1.5%	0.52
SND05426-58	18.25	15.85	16.05	16.72	5.2%	0.87
SND05427-48	81.84	68.90	74.79	75.18	8.3%	6.28
SND05429-10	33.74	NSS	38.08	35.91	6.0%	2.17
SND05429-37	51.40	46.00	33.45	43.62	23.3%	10.17
SND05429-50	35.11	NSS	36.00	35.55	1.3%	0.45
SND05429-54	0.89	0.92	9.97	3.93	153.9%	6.04
SND05432-19	35.11	NSS	37.08	36.09	2.7%	0.99
SND05435-12	4.66	5.63	5.55	5.28	6.6%	0.35
SND05435-35	15.58	12.70	13.53	13.94	8.9%	1.24
SND05435-36	6.42	5.09	5.50	5.67	10.2%	0.58
SND05443-5	3.39	3.41	3.35	3.38	1.0%	0.03
SND05444-26	33.09	NSS	0.97	17.03	94.3%	16.06
SND05445-15	33.81	NSS	35.49	34.65	2.4%	0.84
	Note: NSS indicates insufficient sample			Average:	22.6%	

7.0 LIST OF PERSONNEL & CONTRATORS

PERSONNEL:	Position	Field Dates Worked
J. Hylands West Vancouver, B.C.	Camp Construction Surveyor	June 6 – June 11, 2005 Oct. 19 – Oct. 23, 2005
W. Jakubowski Vancouver, B.C.	Geologist, Supervisor	June 6 – Oct. 23, 2005
E. MacKenzie Burnaby, B.C.	Camp Construction	June 12 – June.23, 2005
J. MacLean Burnaby, B.C.	Geologist	June 6 – Oct.23, 2005
D. Muir Edinburgh, Scotland.	Geologist	June 6 – Oct. 20, 2005
D. Wyton Lake Cowichan, B.C.	Cook	June 14 – Oct. 21, 2005

CONTRACTORS	Position	Dates Worked
Leclerc Diamond Drilling Ltd Cranbrook, B.C.	Diamond Drilling	4 men: June. 16 – Oct 20, 2005
LNB Construction Merritt, B.C.	Drill Site Prep, Reclamation and Road Construction John Deere 160 Excavator Hitachi EX150	1-2 men: 9 days June 7– Sept 29, 2005
Haul-Rite Transports Ltd. Merritt, B.C.	Logging JD Grapple Skidder JD Processor	2 men: Sept 15-17, 2005
VSA Highway Maintenance Ltd. Merritt, B.C.	Grading Caterpillar 14 Grader White 12 ton Water truck	2 men: Sept 6, 2005

8.0 STATEMENT OF QUALIFICATIONS

I, Wojtek Jakubowski, of Vancouver, British Columbia, hereby certify that:

1. I am a professional geoscientist residing at #303 639 West 14th Avenue and employed by Almaden Minerals Ltd. of 1103 - 750 West Pender Street, Vancouver, B.C., V6C 2T8.

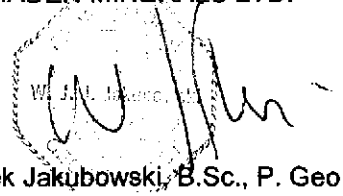
2. I received a B.Sc. degree in Geological Sciences from McGill University, Montreal, Quebec in 1979.

3. I have practiced my profession for 28 years in Quebec, Northwest Territories, Yukon Territory, British Columbia and Mexico.

4. I am a member of the Association of Professional Engineers and Geoscientists of the province of British Columbia, registration number 19563.

5. I am the author of this report and the supervisor of the field work conducted on the ELK mineral claims by Almaden Minerals Ltd. during the period June 6, 2005 to October 23, 2005.

ALMADEN MINERALS LTD.



Wojtek Jakubowski, B.Sc., P. Geo

9.0 STATEMENT OF COSTS

Elk Property 2005 Diamond Drill Program Cost Summary

DIAMOND DRILLING			Rate $	Total	
Mob Demob				$2,000	
Drill Site Prep	82	hr@	$110.00	$8,274	
Diamond Drill Holes 410-445	8395	m@	$61.50	$516,315	
Downhole and Surface Survey Equip	5	mo@	$1,926	$9,630	$536,219
SAMPLE ASSAY AND ANALYSIS			Rate $	Total	
Drill Core Au,Ag Metallics 500gm(6)	41	smp@	$22.40	$918	
Drill Core Au, Ag FA1AT(8)	992	smp@	$13.20	$13,094	
Drill Core 35 el ICP(1DX)	1033	smp@	$8.93	$9,225	
Drill Core Au 15gm (3A)	130	smp@	$7.23	$940	
Sample Prep	1095	smp@	$4.46	$4,884	$29,061
PERSONNEL			Rate $	Total	
Geologist - Supervisor Feb - Oct	178	days@	$333.56	$59,373	
Geologist - Core logger June - Oct	129	days@	$223.88	$28,880	
Geologist - Core logger June - Oct	127	days@	$197.56	$25,090	
Field Assistant - Camp Construction EAB	6	days@	$235.00	$1,410	
Field Assistant - Camp Construction JJH	6	days@	$300.00	$1,800	
Field Assistant - Camp Construction EM	15	days@	$200.00	$3,000	
Surveyor	6.5	days@	$300.00	$1,950	
Cook	119	days@	$250.00	$29,750	$151,253
GENERAL EXPENSES			Rate $	Total	
Equipment and supplies				$9,304	
Road Maintenance				$5,550	
Accomodation	41	days@	$61.59	$2,525	
Food	500	days@	$19.52	$9,761	
Truck rental	180	days@	$58.98	$10,616	
Fuel				$3,351	
Freight				$1,295	
Reclamation				$5,797	
Office supplies and printing				$1,684	
Recording fees				$8,312	
Telephone and postage				$1,991	
Travel				$2,040	$62,226
				TOTAL:	**$778,759**

10.0 REFERENCES

MONGER, J.W.H.:
1989: Geology, Hope, British Columbia; Geological Survey of Canada, Map 41-1989, sheet 1, scale 1:250,000

PANTLELEYEV, A.:
1986: Ore Deposits #10. A Canadian Cordilleran Model for Epithermal Gold Silver Deposits; Geoscience Canada, Vol. 13, No. 12, pp. 101-111.

RICE, H.M.A.:
1947: Geology and Mineral Deposits of the Princeton Map Area, British Columbia; G.S.C., Memoir 243.

Appendix "A"

Assay and Analytical Results from Core Samples

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9001 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Almaden Minerals Ltd. PROJECT ELK05-1 File # A503244

1103 - 750 W. Pender St., Vancouver BC V6C 2T8 Submitted by: Wojtek Jakubowski

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Ag** gm/mt	Au** gm/mt
SN05410-10	1.3	248.5	14.2	99	4.9	9.1	12.7	1186	6.12	79.5	4.1	1368.9	8.2	18	.6	.5	.7	65	1.01	.352	46	4.1	.73	34	.177	3	1.41	.028	1.05	.3	.04	7.2	.3	2.44	6	.7	4	1.48
SN05411-1	3.0	765.7	256.7	201	15.4	2.2	26.2	1399	7.36	246.5	4.3	2372.9	3.4	6	3.1	1.6	3.1	6	.26	.053	9	5.1	.17	10	.001	1	.47	.009	.33	.1	.02	1.4	1	5.66	1	<.5	15	3.65
SN05412-11(pulp)	21.7	59.4	433.8	36	5.0	1197.9	30.8	408	2.34	64.0	.5	27962.8	3.6	18	.1	.6	4.7	36	.49	.033	15	1597.2	.60	160	.049	5	1.05	.053	.29	14.2	.01	2.4	.1	<.05	4	<.5	6	33.25
SN05412-13	7.1	232.3	8.5	40	.6	2.9	3.1	985	3.62	71.6	5.9	46.7	6.0	5	.2	.2	.1	1	.14	.018	15	3.7	.14	39	.001	3	.48	.009	.35	2.2	.01	.9	.1	1.57	1	<.5	<2	.05
SN05412-16	3.5	168.4	533.9	451	3.2	3.7	6.0	1853	4.56	45.4	6.2	723.2	8.1	8	4.1	.4	.4	20	.34	.048	13	4.1	.24	35	.002	2	.54	.014	.35	.1	.01	5.3	.2	1.34	1	<.5	4	.97
SN05412-17	2.9	145.6	23.8	99	1.0	2.8	5.1	1062	3.98	40.0	2.8	200.9	9.2	10	.3	.1	.4	21	.30	.049	15	3.3	.20	66	.024	3	.56	.037	.31	.4	.01	4.2	.2	1.94	2	<.5	<2	.33
SN05413-1	2.6	77.3	78.9	96	2.6	5.0	7.1	218	2.01	80.3	2.6	1851.9	2.1	15	1.6	12.0	.8	4	.13	.045	7	6.8	.03	29	.001	2	.36	.005	.29	.1	.02	1.1	.1	1.74	1	<.5	<2	2.06
SN05413-2	1.0	51.5	63.6	140	2.1	6.3	8.7	424	2.15	69.8	2.5	1855.3	7.5	27	1.8	5.1	.8	5	27	.078	28	5.6	.07	40	.001	8	.71	.021	.41	1.3	.03	2.2	.2	1.31	1	<.5	<2	1.87
STANDARD DS6/R-2a/AU-1	11.6	125.4	29.6	151	.4	24.6	11.0	723	2.86	21.1	6.6	41.8	2.9	38	6.1	3.0	4.9	58	.88	.077	15	188.1	.58	162	.085	19	1.95	.074	.16	3.1	.22	3.5	1.7	<.05	6	4.5	159	3.38

GROUP 1DX - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-MS.
(>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME MINERALS MAY BE PARTIALLY ATTACKED. REFRACTORY AND GRAPHITIC SAMPLES CAN LIMIT AU SOLUBILITY.
AG** & AU** BY FIRE ASSAY FROM 1 A.T. SAMPLE.
- SAMPLE TYPE: DRILL CORE R150

Data 1 FA ____ DATE RECEIVED: JUL 7 2005 DATE REPORT MAILED: July 23/05

BRITISH COLUMBIA CERTIFIED ASSAYER
C.L
Clarence Leong

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9001 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Almaden Minerals Ltd. PROJECT ELK05-1 File # A503245

1103 - 750 W. Pender St., Vancouver BC V6C 2T8 Submitted by: Wojtek Jakubowski

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm
SND05410-13	2.6	1084.4	230.9	70	94.8	10.1	31.6	1137	14.61	127.4	3.9	90387.0	8.0	11	.6	.4	32.8	16	.57	.169	21	8.5	.16	12	.004	5	.59	.014	.33	2.0	.06	3.8	.1	>10	2	.6
SND05411-14	2.5	518.7	44.3	31	18.5	1.7	3.6	274	4.26	302.3	2.9	11546.3	5.9	2	.4	.1	5.7	2	.12	.033	5	2.2	.06	22	<.001	2	.35	.005	.30	.2	<.01	.7	.1	3.66	1	<.5
SND05411-15	3.6	251.5	24.7	19	12.9	4.6	7.8	277	4.31	82.0	1.9	10376.6	6.4	2	.2	.1	6.5	4	.13	.041	6	10.4	.08	22	.001	2	.38	.006	.32	3.7	<.01	1.0	.1	3.73	1	<.5
SND05412-12	6.6	444.8	556.1	2031	20.8	2.9	6.8	698	6.21	193.3	4.9	15864.2	4.3	3	59.6	.3	9.3	2	.14	.028	11	2.3	.10	11	<.001	1	.32	.005	.28	.4	.05	1.3	.1	5.09	1	<.5
SND05413-4	8.5	78.8	348.1	87	61.1	2.8	20.0	845	6.95	181.9	4.3	20512.5	4.6	81	1.8	.5	16.0	3	3.42	.026	4	2.9	.13	7	<.001	2	.35	.007	.22	.5	.02	1.0	.1	6.66	1	<.5
STANDARD DS6	11.4	123.3	30.0	147	.3	25.8	10.7	705	2.89	21.4	6.3	51.0	2.8	37	5.8	3.1	4.8	57	.84	.076	15	187.5	.59	163	.082	18	1.87	.074	.16	3.3	.23	3.4	1.7	<.05	6	4.4

GROUP 1DX - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-MS.
(>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME MINERALS MAY BE PARTIALLY ATTACKED. REFRACTORY AND GRAPHITIC SAMPLES CAN LIMIT AU SOLUBILITY.
- SAMPLE TYPE: DRILL CORE M150

Data FA ____ **DATE RECEIVED:** JUL 7 2005 **DATE REPORT MAILED:** July 23/05

BRITISH COLUMBIA CERTIFIED ASSAYER
Clarence Leong

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9001 Accredited Co.)

ASSAY CERTIFICATE

Almaden Minerals Ltd. PROJECT ELK05-1 File # A503245

1103 - 750 W. Pender St., Vancouver BC V6C 2T8 Submitted by: Wojtek Jakubowski

SAMPLE#	S.Wt gm	NAu mg	-Au gm/mt	TotAu gm/mt
SND05410-13	776	28.50	99.24	135.97
SND05411-14	701	5.48	14.35	22.17
SND05411-15	429	.39	10.49	11.40
SND05412-12	934	1.57	13.99	15.67
SND05413-4	988	.97	21.72	22.70
STANDARD AU-1	-	<.01	3.42	3.42

-AU : -150 AU BY FIRE ASSAY FROM 1 A.T. SAMPLE. DUPAU: AU DUPLICATED FROM -150 MESH. NAU - NATIVE GOLD, TOTAL SAMPLE FIRE ASSAY.
- SAMPLE TYPE: DRILL CORE M150

Data FA ____ **DATE RECEIVED:** JUL 7 2005 **DATE REPORT MAILED:** July 23/05

BRITISH COLUMBIA CERTIFIED ASSAYER
Clarence Leong

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9001 Accredited Co.)

ASSAY CERTIFICATE

Almaden Minerals Ltd. PROJECT ELK05-1 File # A503245

1103 - 750 W. Pender St., Vancouver BC V6C 2T8 Submitted by: Wojtek Jakubowski

SAMPLE#	S.Wt gm	NAg mg	-Ag gm/mt	TotAg gm/mt
SND05410-13	776	16.76	94	116
SND05411-14	701	6.38	22	31
SND05411-15	429	4.34	12	23
SND05412-12	934	4.46	21	25
SND05413-4	988	4.22	57	61
STANDARD R-2a	<1	<.06	160	160

-AG : -150 AG BY FIRE ASSAY FROM 1 A.T. SAMPLE. DUPAG: AG DUPLICATED FROM -150 MESH. NAG - NATIVE SILVER, TOTAL SAMPLE FIRE ASSAY.
- SAMPLE TYPE: DRILL CORE M150

Data___ FA ____ DATE RECEIVED: JUL 7 2005 DATE REPORT MAILED: July 29/05

BRITISH COLUMBIA CERTIFIED ASSAYER
C.L
Clarence Leong

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9001 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Almaden Minerals Ltd. PROJECT ELK05-1 File # A503246 Page 1

1103 - 750 W. Pender St., Vancouver BC V6C 2T8 Submitted by: Wojtek Jakubowski

SAMPLE#	Au* ppb	Sample gm
SND05410-1	721.9	30
SND05410-2	77.9	30
SND05410-3	1.6	30
SND05410-4	117.0	30
SND05410-5	2586.0	30
SND05410-6	6.6	30
SND05410-7	7835.3	30
SND05410-8	17.4	30
SND05410-9	359.9	30
SND05410-11	45.4	30
SND05410-12	11.0	30
SND05410-14	4.5	30
SND05411-2	79.9	30
SND05411-3	7369.2	30
SND05411-4	476.6	30
SND05411-5	427.6	30
SND05411-6	200.6	30
SND05411-7	11.6	30
RE SND05411-7	6.0	30
SND05411-8(pulp)	10334.5	30
SND05411-9	2.0	30
SND05411-10	71000.0	30
SND05411-11	852.0	30
SND05411-12	794.7	15
SND05411-13	47.5	30
SND05411-16	122.8	30
SND05411-17	4583.4	30
SND05412-1	24.2	30
SND05412-2	2832.0	30
SND05412-3	191.3	30
SND05412-4	21.2	30
SND05412-5	741.5	30
SND05412-6	13.8	30
SND05412-7	25.6	30
STANDARD AU-R	456.0	30

GROUP 3A - 30 GM SAMPLE LEACHED WITH 150 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 600 ML, ANALYSED BY ICP-MS.
UPPER LIMITS - AU* = 100 PPM.
- SAMPLE TYPE: DRILL CORE R150 Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data ✓ FA ____ **DATE RECEIVED:** JUL 7 2005 **DATE REPORT MAILED:** July 17/05

BRITISH COLUMBIA CERTIFIED ASSAYER
Clarence Leong

SAMPLE#	Au* ppb	Sample gm
SND05412-8	5.1	30
SND05412-9	.6	30
SND05412-10	1.3	30
SND05412-14	41.4	30
SND05412-15	287.6	30
SND05412-18	110.0	30
SND05412-19	2.4	30
SND05413-3	2.5	30
SND05413-5	.6	30
SND05413-6	31.8	30
SND05413-7	13.8	30
RE SND05413-7	14.2	30
SND05413-8	13.9	30
SND05413-9	675.6	30
SND05413-10	447.3	30
SND05413-11	1.7	30
SND05413-12(pulp)	32000.0	15
SND05413-13	650.3	30
SND05413-14	35.0	30
SND05414-1	7735.0	30
SND05414-2	30.9	30
SND05414-3	16196.3	30
SND05414-4	3167.3	30
SND05414-5	3782.0	30
SND05414-6	81.2	30
SND05414-7	621.1	30
SND05414-8	67.9	30
STANDARD AU-R	461.0	30

Sample type: DRILL CORE R150. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data L FA ___

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9001 Accredited Co.)

ASSAY CERTIFICATE

Almaden Minerals Ltd. PROJECT ELK05-1 File # A503246R

1103 - 750 W. Pender St., Vancouver BC V6C 2T8 Submitted by: Wojtek Jakubowski

SAMPLE#	Au** gm/mt
SND05414-3	16.56
STANDARD AU-1	3.27

GROUP 6 - PRECIOUS METALS BY FIRE ASSAY FROM 1/2 A.T. SAMPLE, ANALYSIS BY ICP-ES.
- SAMPLE TYPE: CORE PULP

Data 1 FA ____ **DATE RECEIVED:** AUG 1 2005 **DATE REPORT MAILED:** Aug 9/05

BRITISH COLUMBIA CERTIFIED ASSAYER
C.L
Clarence Leong

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9001 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Almaden Minerals Ltd. PROJECT ELK05-1 File # A503246R3

1103 - 750 W. Pender St., Vancouver BC V6C 2T8 Submitted by: Wojtek Jakubowski

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Ag** gm/mt	Au** gm/mt
SND05410-5	2.3	141.8	11.3	39	3.1	3.1	3.6	1186	3.27	10.7	3.4	1735.8	4.5	6	.3	.1	.7	3	.22	.039	8	7.5	.11	45	.003	1	.36	.018	.29	.1	.01	1.2	.1	1.58	1	<.5	4	2.73
SND05410-7	6.5	333.1	69.9	108	6.2	9.0	6.0	1511	5.84	400.6	3.1	7557.5	7.6	10	1.6	.5	1.1	9	.46	.144	12	6.2	.32	47	.012	3	.78	.011	.52	.2	<.01	2.5	.2	3.24	2	<.5	7	7.13
SND05411-3	1.4	207.0	59.1	47	8.0	3.0	7.6	1183	5.86	25.1	3.9	5498.9	6.1	6	.7	.2	2.5	8	.27	.059	9	4.8	.17	48	.010	1	.52	.015	.37	1.1	.01	1.7	.1	4.04	1	<.5	11	6.89
SND05411-17	4.6	111.3	17.6	44	3.5	1.9	6.2	526	2.67	28.4	5.3	2896.0	8.8	11	.3	.1	.3	15	.29	.054	11	7.1	.28	121	.013	3	.63	.032	.29	.2	<.01	2.3	.1	1.15	2	<.5	3	3.47
SND05412-2	2.0	207.7	6.6	66	3.5	18.6	16.4	1505	4.41	16.9	8.9	2370.6	5.4	52	.3	.1	.6	26	2.49	.128	22	19.8	.47	57	.002	3	.69	.016	.23	.1	.01	5.4	.1	1.15	2	<.5	3	2.57
SND05414-1	4.1	223.9	361.3	322	11.4	6.9	8.3	928	4.72	885.8	2.3	8056.2	5.1	5	7.7	1.5	3.2	4	.25	.091	6	7.1	.10	20	.001	2	.46	.007	.37	.3	.04	1.1	.1	3.57	1	<.5	9	7.51
SND05414-4	3.4	115.3	312.3	585	3.1	20.6	13.2	824	2.09	72.7	13.4	3380.9	1.5	176	13.9	4.2	1.5	16	.51	.194	19	21.3	.09	80	.001	5	.56	.005	.37	.1	.05	4.6	.2	.66	1	<.5	2	3.09
SND05414-5	34.7	187.2	502.7	189	10.9	8.3	7.2	486	4.72	123.4	8.0	4351.0	16.9	2	5.5	3.7	1.5	1	.04	.002	3	7.2	.03	18	<.001	1	.25	.004	.23	.1	.02	.3	.1	4.29	1	<.5	9	3.76
STANDARD DS	11.5	122.3	29.4	141	.3	25.0	10.9	704	2.81	21.2	6.6	47.4	2.9	41	6.1	2.8	4.9	56	.85	.079	14	186.9	.57	166	.082	16	1.90	.074	.16	3.4	.23	3.3	1.7	<.05	6	4.1	158	5.82

Standard is STANDARD DS6/R-2a/OxL34.

GROUP 1DX - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-MS.

(>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME MINERALS MAY BE PARTIALLY ATTACKED. REFRACTORY AND GRAPHITIC SAMPLES CAN LIMIT AU SOLUBILITY.

AG** & AU** BY FIRE ASSAY FROM 1 A.T. SAMPLE.

- SAMPLE TYPE: CORE PULP

Data 1 FA ____ DATE RECEIVED: NOV 16 2005 DATE REPORT MAILED: Nov 29/05

BRITISH COLUMBIA CERTIFIED ASSAYER
Clarence Leong

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9001 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Almaden Minerals Ltd. PROJECT ELK05-2 File # A503976 Page 1

1103 - 750 W. Pender St., Vancouver BC V6C 2T8 Submitted by: Wojtek Jakubowski

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Ag** gm/mt	Au** gm/mt
SND05415-1	.7	67.8	46.8	2765	.8	2.4	9.9	1638	2.89	5.2	3.7	414.7	5.1	9	85.1	.4	.2	16	.30	.069	17	2.1	.16	242	.019	3	.53	.029	.31	<.1	.10	3.7	.1	.46	2	<.5	<2	.15
SND05415-2	1.2	215.4	19.1	78	1.7	3.3	6.4	1951	4.80	72.5	2.5	42.4	4.3	6	.5	.1	.3	13	.30	.082	13	2.3	.23	76	.018	2	.71	.014	.43	.1	<.01	2.6	.1	1.79	2	<.5	3	.05
SND05415-3	.7	20.8	16.8	60	.7	2.6	9.8	1390	2.80	7.1	3.0	195.3	6.2	13	.4	.1	.2	19	.38	.090	25	1.8	.18	89	.014	2	.62	.023	.29	<.1	<.01	4.0	.1	.49	2	<.5	2	.50
SND05415-4	.5	29.1	35.7	330	.5	2.1	6.8	1175	2.03	223.9	2.2	35.2	7.2	12	5.4	.1	<.1	16	.31	.068	24	2.3	.15	70	.007	5	.57	.028	.28	<.1	.01	3.6	.1	.09	2	<.5	<2	.05
SND05415-5	2.1	302.0	343.1	370	4.6	19.0	13.9	1154	3.25	345.3	8.0	1971.7	6.8	11	3.8	.4	.9	12	.42	.090	9	9.1	.29	41	.001	3	.66	.011	.37	.1	<.01	2.8	.1	.78	2	<.5	5	2.52
SND05415-6	2.0	84.0	740.4	483	1.6	21.0	21.1	1874	4.41	103.3	4.9	372.1	2.1	25	7.8	.6	.3	33	1.32	.068	14	20.7	.26	92	.001	5	.52	.011	.22	<.1	.01	7.2	.1	1.25	2	<.5	3	.45
SND05415-7	1.2	114.2	732.1	1602	1.9	3.0	9.2	1489	3.23	41.5	8.3	621.3	10.2	16	29.6	.1	<.1	14	.65	.060	20	2.5	.30	78	.007	3	.56	.033	.24	<.1	.09	3.9	.1	.48	2	<.5	3	1.53
SND05415-8	1.1	139.3	769.7	2307	2.9	2.4	7.0	1114	3.07	51.0	7.2	1236.5	8.4	16	42.5	.1	<.1	16	.54	.059	16	2.6	.27	83	.015	3	.55	.035	.22	.1	.13	3.6	.1	.91	2	<.5	4	2.19
SND05415-11	12.8	53.7	31.4	57	7.8	3.1	12.0	812	2.31	51.3	25.6	5122.7	8.1	100	.8	.4	1.4	6	1.64	.033	11	1.1	.48	56	.001	3	.52	.017	.24	.1	.01	2.6	.1	1.19	1	<.5	10	5.26
SND05415-12	2.2	165.7	12.2	48	.5	1.9	6.0	663	2.89	15.9	3.1	154.0	6.3	13	.3	.1	.2	8	.21	.042	10	1.2	.24	43	.001	4	.51	.014	.32	.1	<.01	2.3	.1	1.25	1	<.5	<2	.19
SND05415-13	3.8	239.8	25.6	63	1.3	2.1	6.9	947	3.85	16.0	9.6	629.9	8.0	12	.6	.2	.6	5	.51	.045	8	1.5	.26	24	.001	3	.59	.014	.38	.1	<.01	2.1	.1	2.14	1	<.5	2	.62
SND05415-14A	4.2	14.0	6.1	51	.1	.9	3.4	891	1.78	5.1	12.2	20.3	7.3	51	.4	.1	.1	6	1.46	.040	20	1.8	.43	384	.001	5	.36	.027	.23	<.1	<.01	3.3	.1	.07	1	<.5	<2	.04
SND05415-14B	5.0	10.9	5.1	50	.1	1.1	3.6	798	1.78	3.9	12.0	18.2	8.1	57	.4	.1	.1	7	1.43	.040	20	1.9	.43	507	.001	5	.38	.031	.23	<.1	<.01	3.2	.1	.09	1	<.5	<2	.07
SND05415-15	3.7	9.2	5.8	59	.1	.9	3.2	884	1.87	3.2	4.6	11.3	8.7	71	.4	.1	.2	6	1.94	.041	19	1.2	.54	1037	<.001	3	.35	.023	.22	<.1	<.01	3.1	.1	.09	1	<.5	<2	.03
SND05415-16	3.7	88.9	11.7	47	.5	1.6	4.4	723	2.65	26.1	4.7	195.0	8.9	12	.1	.2	.3	18	.25	.049	13	2.6	.23	185	.011	3	.51	.036	.29	.1	<.01	3.6	.1	.59	2	<.5	3	.92
SND05415-17	3.5	201.7	10.2	62	1.1	1.7	6.4	905	3.77	18.0	3.8	994.6	9.0	9	.3	.1	1.2	13	.24	.049	12	2.7	.20	37	.004	3	.44	.025	.30	.1	<.01	3.7	.1	1.72	1	<.5	2	1.10
SND05415-18	4.5	59.4	19.8	62	.3	2.2	5.9	783	2.91	8.5	3.4	112.1	10.0	9	.3	.1	.2	13	.20	.044	13	2.6	.21	59	.002	2	.43	.026	.26	.1	<.01	3.0	.2	.94	1	<.5	<2	.11
SND05415-20	2.8	60.9	5.7	69	.1	1.9	4.2	755	2.49	6.8	6.5	29.0	8.8	12	.2	.1	.1	16	.23	.049	14	2.5	.19	129	.008	3	.41	.031	.22	<.1	<.01	3.8	.1	.37	1	<.5	<2	.06
SND05415-21	3.9	1059.2	12.4	58	1.4	1.9	4.8	507	3.56	15.6	3.6	412.2	8.9	10	.5	.1	.7	12	.21	.049	10	2.3	.19	61	.006	2	.53	.022	.32	<.1	<.01	2.8	.1	1.87	1	<.5	<2	.49
RE SND05415-21	2.9	1056.0	11.3	56	1.3	1.9	4.5	503	3.51	15.1	3.2	401.6	8.4	10	.5	.1	.6	12	.20	.048	10	2.2	.18	63	.006	4	.53	.021	.32	<.1	<.01	2.8	.1	1.84	1	<.5	2	.57
RRE SND05415-21	3.3	985.4	12.6	60	1.3	2.0	4.9	527	3.60	14.9	3.5	535.5	9.0	10	.6	.1	.6	12	.20	.050	11	3.1	.19	60	.006	4	.49	.021	.31	<.1	<.01	2.9	.1	1.91	1	<.5	<2	.46
SND05415-22	2.7	288.3	6.7	57	.9	2.1	3.8	561	2.47	6.2	1.8	230.2	9.2	12	.2	.6	.4	19	.22	.049	13	3.4	.16	129	.009	2	.44	.034	.25	<.1	<.01	3.8	.1	.76	1	<.5	2	.34
SND05415-23	2.7	12.3	6.6	45	.1	2.9	5.0	499	1.69	3.2	1.7	4.2	9.4	15	.1	.1	.1	23	.23	.052	16	3.1	.16	240	.015	3	.35	.041	.15	<.1	<.01	4.0	.2	<.05	2	<.5	<2	<.01
SND05415-24	2.8	835.4	9.0	65	1.9	1.8	4.4	460	3.74	17.3	3.5	950.9	8.5	6	.8	.1	1.0	8	.17	.045	8	2.4	.18	30	.002	1	.57	.013	.34	.1	<.01	2.1	.2	2.44	1	<.5	3	1.20
SND05415-25	2.7	119.8	18.7	62	.5	1.5	4.3	558	2.06	7.0	2.3	246.4	8.9	12	.2	.2	.5	17	.21	.051	14	4.0	.16	275	.010	2	.40	.036	.24	<.1	<.01	3.6	.1	.48	2	<.5	<2	.73
SND05415-26	3.3	47.6	20.1	62	.1	2.0	4.8	661	2.11	7.1	2.2	17.0	9.5	10	.2	.2	.2	13	.20	.049	17	2.7	.16	229	.003	3	.37	.034	.24	.1	<.01	3.5	.1	.38	1	<.5	<2	.02
SND05415-27	2.7	221.4	27.5	64	.8	1.9	4.9	670	2.36	8.8	2.4	35.0	9.6	9	.3	.2	.6	14	.20	.048	15	2.3	.17	155	.003	3	.36	.029	.24	.1	<.01	3.5	.1	.55	1	<.5	<2	.11
SND05415-29(pulp)	14.1	285.7	327.3	340	4.6	170.5	23.0	508	3.28	191.4	2.9	9970.0	2.2	41	2.4	13.6	4.1	48	1.14	.038	6	284.4	.48	67	.034	3	1.07	.032	.35	5.8	.38	4.4	.6	1.29	4	1.5	6	9.94
SND05415-30	3.3	176.8	114.4	95	1.5	2.0	5.8	695	2.18	28.0	4.7	600.5	15.4	8	1.1	1.1	.7	9	.17	.038	12	2.1	.12	62	.001	2	.36	.029	.25	.2	<.01	3.0	.1	.88	1	<.5	3	.79
SND05415-31	3.0	350.5	37.6	63	1.9	2.2	6.4	916	3.92	56.1	5.1	337.5	9.8	7	.6	.2	1.0	9	.20	.043	10	1.7	.22	56	.003	2	.52	.019	.31	.1	<.01	2.5	.1	2.07	1	<.5	2	.50
SND05416-1	3.0	12.1	9.8	58	.1	1.2	5.1	852	2.01	2.5	2.3	2.3	9.1	40	.1	.1	.2	23	2.01	.049	19	2.4	.34	97	.003	3	.62	.032	.18	<.1	<.01	3.2	.1	<.05	3	<.5	<2	.01
SND05416-2	2.8	30.7	19.6	42	.3	1.3	3.8	887	1.70	7.1	2.7	11.0	7.9	88	.2	.1	.2	9	2.66	.047	13	1.3	.23	436	.001	1	.61	.018	.25	<.1	<.01	1.8	.1	.30	2	<.5	<2	.03
SND05416-3	4.4	74.7	35.8	69	1.2	1.5	5.1	803	2.19	40.0	6.8	113.8	9.0	65	1.5	.2	.3	6	2.26	.050	12	1.3	.22	61	.001	2	.62	.016	.28	.1	<.01	1.7	.1	.91	2	<.5	2	.17
SND05416-4	3.7	65.6	95.2	222	.9	2.6	7.1	792	1.92	36.0	6.4	47.9	7.4	51	4.5	.1	.4	5	2.06	.047	11	1.3	.19	157	.001	2	.52	.013	.28	<.1	.02	1.6	.1	.69	1	<.5	2	.08
STANDARD DS6/R-2a/OxL34	11.2	121.6	29.7	144	.3	24.2	10.4	713	2.77	21.0	6.6	48.8	2.9	37	6.2	3.0	4.9	57	.83	.074	14	184.5	.58	161	.081	16	1.91	.073	.16	3.0	.22	3.4	1.7	<.05	6	4.4	160	5.95

GROUP 1DX - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-MS.
(>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME MINERALS MAY BE PARTIALLY ATTACKED. REFRACTORY AND GRAPHITIC SAMPLES CAN LIMIT AU SOLUBILITY.
AG** & AU** BY FIRE ASSAY FROM 1 A.T. SAMPLE.
- SAMPLE TYPE: DRILL CORE R150 Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA _____ DATE RECEIVED: JUL 29 2005 DATE REPORT MAILED: Aug. 13/05

BRITISH COLUMBIA CERTIFIED ASSAYER
Clarence Leong

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Ag** gm/mt	Au** gm/mt
SND05416-5	3.4	371.3	8.8	33	1.0	1.2	3.9	628	4.87	36.5	6.7	288.2	8.1	15	.4	.1	.6	9	.95	.042	7	1.6	.29	41	.001	2	1.08	.009	.30	.7	<.01	1.5	.1	2.95	3	<.5	<2	.42
SND05417-1	.9	66.6	66.8	80	.5	1.4	2.3	555	1.45	13.9	3.6	279.4	9.6	4	.4	.1	.3	4	.08	.025	17	2.9	.04	33	.001	2	.27	.022	.21	.1	<.01	.8	.1	.68	1	<.5	<2	.35
SND05417-2	.8	42.1	43.4	81	3	1.3	1.9	544	1.28	5.8	3.7	446.5	8.9	4	.4	.2	.3	4	.08	.021	19	4.0	.04	32	.004	1	.25	.029	.16	.1	<.01	.9	.1	.41	1	<.5	<2	.44
SND05417-3	1.0	15.3	35.9	80	.1	1.1	1.7	526	.99	1.4	3.8	3.7	8.7	4	.3	.1	<.1	5	.08	.022	22	2.6	.05	36	.006	1	.24	.032	.15	.1	<.01	.9	.1	.11	1	<.5	<2	.02
SND05417-4	.9	10.8	31.7	74	<.1	1.2	1.6	560	1.03	2.5	3.6	4.3	10.1	5	.3	.1	<.1	6	.09	.024	25	4.3	.05	38	.008	1	.27	.042	.16	.1	<.01	1.0	.1	.07	1	<.5	<2	.02
SND05417-5	.9	12.3	23.0	51	.1	.9	1.5	491	1.01	1.9	3.1	43.1	8.9	4	.2	.1	.1	5	.06	.022	30	3.0	.03	32	.003	1	.21	.034	.12	.1	<.01	.8	.1	.18	1	<.5	<2	.11
SND05417-6	1.5	15.1	79.8	31	.1	.8	1.0	103	.59	10.5	3.6	6.2	8.4	9	.5	.1	.1	3	.07	.022	18	2.5	.04	70	.006	1	.30	.027	.21	<.1	<.01	.6	.1	.15	1	<.5	<2	.01
SND05417-7	1.3	8.1	75.7	83	.1	1.3	2.5	482	1.00	6.5	3.4	106.5	9.4	9	.4	.1	.1	3	.07	.023	17	3.0	.03	61	.003	1	.25	.028	.18	<.1	<.01	.8	.1	.21	1	<.5	<2	.12
SND05417-8	1.3	16.6	56.7	77	.1	1.2	1.2	353	.75	2.1	3.3	3.5	10.1	9	.4	.1	<.1	2	.07	.022	19	4.3	.03	72	.001	1	.29	.026	.19	<.1	<.01	.7	.1	<.05	1	<.5	<2	<.01
SND05417-9	1.3	7.9	50.4	149	.1	1.5	1.9	723	1.23	2.6	3.8	1.4	10.0	8	.7	.1	.1	5	.08	.022	22	4.1	.04	50	.002	1	.26	.029	.16	.1	<.01	1.1	.1	.06	1	<.5	<2	.01
SND05417-10	1.3	31.7	64.2	190	.3	1.8	2.6	966	1.78	17.8	2.7	24.2	9.8	7	.7	.1	.1	5	.08	.022	16	3.0	.04	52	.001	1	.27	.026	.18	.1	<.01	1.3	.1	.46	1	<.5	<2	.03
SND05417-11	1.4	18.4	48.3	164	.2	1.9	2.0	867	1.46	9.1	2.4	4.3	8.4	9	.6	.1	.1	5	.08	.022	18	3.0	.04	59	.001	1	.23	.026	.15	.1	<.01	1.3	.1	.18	1	<.5	<2	.02
SND05417-13(pulp)	13.7	277.6	312.8	350	4.8	157.3	21.9	484	3.19	187.0	2.8	9471.0	2.0	40	2.4	14.3	3.7	46	1.12	.038	6	271.4	.48	62	.031	3	1.02	.031	.35	5.0	.39	4.2	.6	1.20	4	1.2	6	9.96
SND05417-14	1.0	26.8	49.1	131	.5	1.4	1.9	711	1.43	6.0	2.3	57.3	8.0	7	.8	.1	.2	5	.07	.019	17	2.5	.05	47	.006	2	.27	.030	.17	.1	<.01	.9	.1	.25	1	<.5	<2	.14
SND05417-15	1.1	6.6	40.1	114	<.1	1.3	1.7	571	1.08	1.4	2.4	7.0	8.8	9	.5	.1	<.1	6	.07	.022	20	2.2	.04	51	.007	<1	.22	.031	.12	<.1	<.01	1.1	.1	<.05	1	<.5	<2	.02
SND05417-16	1.5	59.9	149.2	144	.6	1.9	2.7	685	1.78	37.5	5.1	42.2	11.3	6	.7	.1	.3	4	.06	.019	13	3.4	.04	42	.001	<1	.27	.016	.21	.1	<.01	1.0	.1	.79	1	<.5	<2	.04
SND05417-17	1.6	42.7	50.7	109	.2	1.3	1.6	690	1.20	16.8	3.8	7.7	8.5	7	.5	.1	.1	2	.05	.018	14	3.4	.03	51	.001	1	.26	.013	.21	.1	<.01	.7	.1	.29	1	<.5	<2	.02
SND05417-18	3.1	20.0	10.6	49	.2	1.1	1.5	592	1.06	12.5	3.4	21.8	10.9	7	.3	<.1	.1	3	.08	.023	24	2.5	.03	34	.001	1	.25	.029	.18	<.1	<.01	.9	.1	.23	1	<.5	<2	.02
SND05417-19	1.6	21.0	14.0	35	.3	1.0	1.7	484	1.14	13.5	3.1	49.1	9.8	7	.3	.1	.1	4	.07	.022	17	3.2	.04	46	.003	1	.27	.024	.20	<.1	<.01	.8	.1	.33	1	<.5	<2	.13
RE SND05417-19	1.4	19.3	14.4	35	.3	1.1	1.5	482	1.14	13.6	3.4	113.1	10.8	7	.3	.1	.1	4	.07	.021	17	3.2	.04	45	.003	2	.27	.024	.20	.1	<.01	.8	.1	.32	1	<.5	<2	.13
RRE SND05417-19	10.1	19.9	13.3	36	.4	1.0	1.6	488	1.15	14.2	3.6	101.9	10.6	7	.3	.1	.2	4	.07	.022	18	2.6	.04	46	.004	1	.29	.024	.20	.1	<.01	.8	.1	.34	1	<.5	<2	.20
SND05417-20	1.2	16.2	14.9	49	.1	1.1	1.6	600	1.06	5.7	2.8	6.1	10.4	7	.3	<.1	.1	4	.07	.021	19	2.8	.04	42	.004	1	.24	.027	.16	.1	<.01	.8	.1	.12	1	<.5	<2	.02
SND05417-21	2.9	109.1	54.6	58	2.2	1.1	2.2	331	1.30	13.6	3.5	1157.1	11.6	6	.3	.1	3.0	3	.07	.018	16	3.3	.05	41	.007	2	.27	.025	.20	.1	<.01	.7	.1	.53	1	<.5	3	.93
SND05417-22	1.6	11.7	5.7	34	.2	.8	1.9	554	1.33	4.2	2.8	6.0	9.6	4	.1	<.1	.1	8	.07	.021	23	3.8	.11	48	.028	3	.29	.036	.19	<.1	<.01	1.0	.1	.06	2	<.5	<2	.01
SND05417-23	1.3	5.3	10.6	23	.1	.8	1.1	211	.81	4.2	1.9	51.1	9.2	8	.1	<.1	<.1	5	.07	.019	34	3.3	.06	43	.016	3	.23	.039	.15	<.1	<.01	.7	.1	<.05	1	<.5	<2	.04
SND05417-24	1.3	11.1	34.5	149	.2	1.7	2.7	1217	1.64	6.6	2.8	5.8	9.0	7	.7	.1	.1	5	.10	.034	25	4.3	.06	52	.004	2	.29	.016	.24	<.1	<.01	1.0	.1	<.05	1	<.5	<2	.04
SND05417-25	1.2	4.8	25.5	75	.1	1.2	2.2	644	1.48	2.1	2.8	6.3	6.9	9	.3	.1	<.1	10	.12	.032	25	4.2	.15	130	.044	2	.42	.042	.29	<.1	<.01	1.6	.1	<.05	2	<.5	<2	.01
SND05417-26	1.0	89.4	612.9	634	3.7	1.2	3.3	253	1.47	2499.2	3.4	1417.2	6.8	6	13.6	2.3	1.1	3	.07	.026	14	3.7	.05	107	.004	2	.30	.013	.27	.1	.02	.6	.1	.90	1	<.5	3	1.99
SND05417-27	.2	12.3	143.2	450	.1	61.5	21.8	2712	4.38	4.8	7.7	1.7	2.5	140	2.6	<.1	<.1	34	10.20	.137	32	37.8	2.59	628	.001	4	.54	.022	.25	<.1	<.01	10.3	.1	<.05	1	<.5	<2	.01
SND05417-28	3.2	55.0	226.2	216	1.5	2.2	7.6	841	2.91	24.0	3.0	376.7	7.5	17	1.7	.4	.3	12	.48	.075	20	1.5	.32	110	.001	4	.48	.021	.28	.2	<.01	3.0	.1	.56	1	<.5	2	.53
SND05417-29	3.9	16.5	7.5	65	.2	2.2	7.9	1315	2.50	8.0	5.2	12.5	6.8	13	.2	<.1	.1	20	.37	.075	17	2.8	.27	125	.021	2	.63	.026	.33	<.1	<.01	3.5	.1	.12	2	<.5	<2	.02
SND05417-30	1.3	38.6	88.0	107	5.3	3.3	10.2	2235	3.70	22.5	5.9	774.9	5.6	14	.5	<.1	2.7	17	.87	.063	16	3.2	.24	122	.010	2	.48	.022	.26	<.1	<.01	3.6	.1	.69	1	<.5	8	2.62
SND05417-31	1.3	35.8	66.6	93	3.3	2.4	8.9	1973	3.39	24.8	4.8	1522.5	6.5	17	.5	<.1	1.9	20	1.36	.068	21	2.4	.24	143	.015	4	.50	.026	.26	.1	<.01	3.7	.1	.69	2	<.5	5	1.84
SND05417-33(pulp)	13.4	154.9	346.8	192	4.6	361.0	18.2	395	2.53	117.7	1.7	21586.7	2.7	29	1.3	7.7	4.1	35	.78	.033	8	511.3	.51	177	.036	4	.99	.038	.32	8.3	.19	3.2	.3	.59	3	.7	6	21.72
STANDARD DS6/R-2a/DxL34	11.4	119.7	29.7	144	.3	24.7	10.4	695	2.72	20.9	6.5	44.3	2.8	36	5.8	3.0	4.8	57	.82	.075	14	188.4	.58	162	.078	17	1.85	.073	.16	3.3	.22	3.4	1.8	<.05	6	4.4	159	5.87

Sample type: DRILL CORE R150. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data ___ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Ag** gm/mt	Au** gm/mt
SND05417-34	1.1	9.6	5.9	49	.1	2.3	6.6	1837	2.50	5.2	4.1	11.6	5.8	11	.2	.1	.1	14	.30	.070	14	2.6	.21	313	.013	3	.66	.026	.34	<.1	<.01	2.6	.1	.16	2	<.5	<2	.01
SND05417-35	1.5	19.8	4.6	85	.1	2.4	9.7	2144	3.70	.8	2.2	15.5	5.8	16	.2	<.1	.1	25	.44	.068	19	2.5	.32	478	.002	2	.59	.029	.22	<.1	<.01	4.8	.1	.08	2	<.5	<2	.02
RE SND05417-35	2.0	18.9	4.4	81	.1	2.4	9.8	2110	3.64	.7	2.0	8.4	5.6	16	.2	<.1	.1	24	.43	.067	19	2.5	.32	475	.003	4	.58	.029	.22	<.1	<.01	4.7	.1	.08	2	<.5	<2	.03
RRE SND05417-35	1.4	17.2	4.6	83	.1	2.7	10.0	2136	3.73	.8	1.8	9.3	6.3	17	.1	<.1	.1	26	.44	.071	21	2.6	.33	530	.003	3	.60	.032	.23	<.1	<.01	4.9	.1	.09	2	<.5	<2	.02
SND05417-36	1.3	11.0	7.2	65	.2	3.0	10.8	2010	3.29	5.3	5.7	65.8	6.7	14	.3	.1	.1	18	.38	.066	23	2.3	.29	152	.013	4	.62	.029	.29	<.1	<.01	3.0	.1	.16	2	<.5	<2	.08
SND05417-37	.9	7.0	3.5	43	.1	1.8	6.7	831	2.23	.7	2.3	7.7	5.6	13	<.1	<.1	<.1	17	.29	.071	17	2.5	.32	424	.004	3	.70	.028	.23	.1	<.01	2.8	.1	.10	3	<.5	<2	.04
SND05417-38	2.6	4.0	25.0	191	<.1	1.5	5.2	831	2.58	<.5	.8	<.5	7.5	15	.5	.1	<.1	22	.33	.071	19	2.6	.35	635	.006	3	.44	.039	.19	.1	<.01	3.8	.1	<.05	2	<.5	<2	.01
SND05417-39	6.3	5.9	21.2	113	<.1	1.3	4.8	909	2.52	.7	1.5	< 5	6.7	15	.2	.1	<.1	29	.32	.072	20	3.4	.28	112	.047	2	.58	.043	.24	<.1	<.01	5.7	.2	<.05	3	<.5	<2	<.01
SND05417-40	1.5	86.4	7.4	48	2.0	1.8	6.0	682	2.71	17.7	2.6	2966.4	5.6	12	.2	.2	.4	17	.35	.066	15	2.7	.24	129	.009	4	.50	.035	.22	.1	.02	3.7	.2	.48	2	<.5	2	3.44
SND05417-41	4.7	77.9	50.0	88	.5	2.4	8.7	1146	3.48	6.8	7.7	370.0	7.2	12	.2	.1	.1	19	.29	.067	21	2.0	.36	219	.008	2	.47	.030	.22	.3	.01	4.0	.2	.45	2	<.5	<2	.49
SND05417-42	2.9	42.9	6.4	48	.9	1.5	4.9	679	2.79	9.4	4.3	734.9	6.2	13	.1	.1	<.1	20	.31	.081	18	2.3	.27	88	.016	2	.57	.036	.24	.1	.01	4.0	.1	.40	3	<.5	<2	.13
SND05417-43	1.6	21.7	18.2	68	.2	1.9	6.5	914	2.37	2.8	2.9	38.3	5.3	9	.2	<.1	.1	7	.27	.065	16	1.4	.19	172	.001	3	.49	.019	.28	<.1	<.01	2.4	.2	.15	1	<.5	<2	.05
SND05417-44	2.1	5.4	84.5	415	.1	2.5	6.5	1858	3.42	3.8	4.3	3.9	3.7	10	1.6	.1	<.1	13	.31	.061	16	2.1	.26	209	.007	4	.51	.028	.27	<.1	<.01	4.0	.2	.13	2	<.5	<2	.02
SND05417-45	23.2	124.5	41.8	63	3.1	.9	4.1	1261	2.75	61.7	3.4	395.7	6.3	5	1.0	.1	.5	3	.19	.042	10	2.0	.13	47	.002	3	.38	.015	.28	.1	.01	1.5	.1	1.01	1	<.5	4	.55
SND05417-46	1.7	22.0	7.9	23	.3	.6	1.9	684	2.00	22.9	1.2	67.7	2.7	5	.1	.1	.1	4	.14	.035	19	2.9	.12	49	.003	2	.35	.031	.22	.1	<.01	1.7	<.1	.43	1	<.5	<2	.07
SND05417-47	.7	12.2	16.2	65	.2	.6	1.9	1016	2.11	7.0	2.2	43.3	4.3	6	.4	<.1	<.1	3	.16	.036	17	2.2	.12	54	.001	4	.28	.026	.20	.1	<.01	2.1	<.1	.13	1	<.5	<2	.04
SND05417-48	6.3	514.5	339.7	608	19.0	3.4	5.3	818	4.89	121.0	5.8	6402.1	4.6	6	9.7	.2	6.5	3	.22	.064	7	2.4	.19	28	.001	1	.54	.007	.35	.2	.01	1.8	.1	3.68	1	<.5	18	8.12
SND05417-49	2.3	274.7	541.9	866	1.9	29.9	24.0	3664	8.67	39.3	15.2	541.5	2.2	16	4.8	.4	.5	111	.67	.170	15	18.1	.88	42	.003	5	.80	.020	.33	.1	<.01	27.1	.2	2.03	3	.5	2	.54
SND05417-51	.9	281.3	282.5	175	3.4	27.3	23.4	1484	5.88	46.0	5.7	786.8	1.9	17	2.4	.2	1.3	85	.55	.175	9	35.1	.81	66	.015	2	1.00	.021	.39	<.1	<.01	13.8	.4	2.42	3	<.5	4	1.17
SND05417-52	1.0	330.9	384.9	125	2.8	30.2	23.8	1366	5.21	40.4	6.2	1199.6	2.0	17	2.3	.4	1.1	92	.56	.180	10	52.8	.88	81	.020	4	1.00	.023	.41	<.1	<.01	13.4	.4	1.74	3	<.5	3	.87
SND05417-54(pulp)	13.6	277.5	326.0	354	4.8	156.1	19.8	489	3.22	188.3	3.0	8679.4	2.1	42	2.4	14.7	4.0	44	1.12	.038	6	262.9	.47	69	.033	5	1.06	.033	.36	5.2	.42	4.3	.6	1.21	4	1.5	6	10.38
SND05417-55	.8	140.1	264.1	136	.4	29.1	22.9	1224	4.03	16.2	3.7	15.2	2.4	19	1.6	.4	<.1	148	.61	.193	11	53.1	1.15	251	.125	6	1.31	.035	.91	<.1	<.01	13.1	1.0	.29	5	<.5	<2	.03
SND05417-57	.5	77.1	123.9	76	.1	30.0	18.9	822	3.79	6.2	1.8	7.9	2.2	19	.4	.1	<.1	197	.55	.189	12	92.0	1.50	403	.230	4	1.63	.057	1.46	<.1	<.01	11.9	.7	.09	6	<.5	<2	.01
SND05417-58	.5	61.5	55.4	111	.2	40.1	20.0	1055	4.72	17.2	1.4	112.2	1.6	21	.6	.1	.2	160	.51	.118	7	126.6	1.43	204	.125	5	1.52	.053	1.17	<.1	<.01	16.3	.7	.81	6	<.5	<2	.37
SND05417-59	.7	11.5	29.9	148	.2	2.2	4.0	858	2.91	3.9	.7	49.8	5.7	9	.7	.1	.1	13	.24	.056	21	4.5	.17	49	.010	1	.32	.036	.14	<.1	<.01	3.1	.2	.32	2	<.5	<2	.14
SND05417-60	.9	13.7	237.9	1296	.9	5.6	10.4	1554	4.12	93.9	3.6	159.0	5.9	11	3.8	.2	.3	20	.26	.047	13	3.1	.36	70	.001	5	.42	.017	.26	.1	<.01	4.9	.2	.78	1	<.5	<2	.22
SND05417-61	6.1	80.7	7.8	106	.1	7.5	12.6	483	1.42	31.4	3.6	7.5	4.9	14	.5	.5	.1	37	.37	.084	18	7.8	.19	76	.019	2	.39	.052	.08	<.1	<.01	6.4	1.2	.18	1	<.5	<2	.01
STANDARD DS6/R-2a/OxL34	11.3	121.8	30.0	145	.3	23.9	10.4	715	2.81	20.8	6.7	44.9	2.9	37	6.1	3.0	4.9	54	.84	.074	14	187.7	.57	162	.081	17	1.91	.073	.16	3.2	.24	3.4	1.7	<.05	6	4.4	159	5.82

Sample type: DRILL CORE R150. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data ___ FA ___

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9001 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Almaden Minerals Ltd. PROJECT ELK05-2 File # A503977

1103 - 750 W. Pender St., Vancouver BC V6C 2T8 Submitted by: Wojtek Jakubowski

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm
SND05415-19	1.9	5645.8	18.1	201	40.6	2.2	6.6	104	12.32	74.2	5.3	27764.7	5.4	2	4.9	.7	14.3	3	.09	.034	4	6.0	.04	12	.001	1	.29	.007	.30	.3	.09	.5	.1	>10	1	.5
SND05417-50	1.3	512.3	437.0	625	10.2	30.2	16.2	1561	7.94	116.0	6.2	7227.4	1.9	15	10.7	.5	3.5	98	.54	.175	9	38.2	.89	64	.052	1	1.09	.024	.62	.3	<.01	12.4	.3	4.01	4	<.5
SND05417-56	1.6	1689.5	3515.2	608	28.5	28.9	20.7	1450	9.34	1462.3	7.7	30403.1	1.8	13	17.3	3.4	16.6	77	.43	.139	8	38.0	.72	50	.016	1	.77	.015	.38	.1	.01	12.0	.3	5.93	2	.6
STANDARD DS6	11.3	120.5	30.5	143	.3	23.7	10.4	685	2.79	21.1	6.3	47.0	2.9	40	6.1	3.3	4.8	55	.86	.076	14	183.5	.56	159	.080	18	1.96	.073	.16	3.2	.22	3.4	1.6	<.05	6	4.2

GROUP 1DX - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-MS.
(>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME MINERALS MAY BE PARTIALLY ATTACKED. REFRACTORY AND GRAPHITIC SAMPLES CAN LIMIT AU SOLUBILITY.
- SAMPLE TYPE: DRILL CORE M150

Data FA ____ DATE RECEIVED: JUL 29 2005 DATE REPORT MAILED: Aug.15/05

BRITISH COLUMBIA CERTIFIED ASSAYER
Clarence Leong

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9001 Accredited Co.)

ASSAY CERTIFICATE

Almaden Minerals Ltd. PROJECT ELK05-2 File # A503977

1103 - 750 W. Pender St., Vancouver BC V6C 2T8 Submitted by: Wojtek Jakubowski

SAMPLE#	S.Wt gm	NAu mg	-Au gm/mt	TotAu gm/mt
SND05415-19	688	1.70	33.31	35.78
SND05417-50	670	.51	4.24	5.00
SND05417-56	620	2.74	24.09	28.51
STANDARD OxL34	-	<.01	5.82	5.82

-AU : -150 AU BY FIRE ASSAY FROM 1 A.T. SAMPLE. DUPAU: AU DUPLICATED FROM -150 MESH. NAU - NATIVE GOLD, TOTAL SAMPLE FIRE ASSAY.
- SAMPLE TYPE: DRILL CORE M150

Data___ FA Y DATE RECEIVED: JUL 29 2005 DATE REPORT MAILED: Aug 15/05

BRITISH COLUMBIA CERTIFIED ASSAYER
C.L
Clarence Leong

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9001 Accredited Co.)

ASSAY CERTIFICATE

Almaden Minerals Ltd. PROJECT ELK05-2 File # A503977

1103 - 750 W. Pender St., Vancouver BC V6C 2T8 Submitted by: Wojtek Jakubowski

SAMPLE#	S.Wt gm	NAg mg	-Ag gm/mt	TotAg gm/mt
SND05415-19	688	1.44	42	44
SND05417-50	670	1.50	9	12
SND05417-56	620	2.35	26	30
STANDARD R-2a	-	<.06	159	159

-AG : -150 AG BY FIRE ASSAY FROM 1 A.T. SAMPLE. DUPAG: AG DUPLICATED FROM -150 MESH. NAG - NATIVE SILVER, TOTAL SAMPLE FIRE ASSAY.
- SAMPLE TYPE: DRILL CORE M150

Data___ FA ___ DATE RECEIVED: JUL 29 2005 DATE REPORT MAILED: Aug 15/05

BRITISH COLUMBIA CERTIFIED ASSAYER
Clarence Leong

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9001 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Almaden Minerals Ltd. PROJECT ELK05-2 File # A503978

1103 - 750 W. Pender St., Vancouver BC V6C 2T8 Submitted by: Wojtek Jakubowski

SAMPLE#	Au* ppb
SND05415-9	1.4
SND05415-10(pulp)	32936.3
SND05415-28	8.4
SND05417-12	1.1
SND05417-32	2.1
SND05417-53	5.6
STANDARD AU-R	450.0

GROUP 3A - 30 GM SAMPLE LEACHED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 600 ML, ANALYSED BY ICP-MS.
UPPER LIMITS - AU* = 100 PPM.
- SAMPLE TYPE: DRILL CORE R150

Data f FA ____ DATE RECEIVED: JUL 29 2005 DATE REPORT MAILED: Aug. 12/05

BRITISH COLUMBIA CERTIFIED ASSAYER
Clarence Leong

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9001 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Almaden Minerals Ltd. PROJECT ELK05-3 File # A504436

1103 - 750 W. Pender St., Vancouver BC V6C 2T8 Submitted by: Wojtek Jakubowski

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Ag** gm/mt	Au** gm/mt
BEN05-R1	3.2	4498.5	7.2	>10000	2.0	287.2	760.6	501	>40	<.5	.5	6.4	.1	2	66.4	.1	1.8	3	.05	.007	1	1.8	.01	2	.002	<1	.10	.002	<.01	21.1	.01	.1	<.1	7.97	1	49.1	3	.01
ELK05-R1	6.7	47.2	35.7	17	2.3	.8	.8	80	.65	2.2	2.5	369.0	2.8	11	.1	.1	7.2	5	.01	.010	7	5.5	.01	20	.001	2	.14	.006	.11	.1	<.01	.3	<.1	<.05	<1	<.5	3	.89
STANDARD	11.8	126.7	29.8	146	.3	24.3	10.5	727	2.88	21.6	6.6	45.2	3.1	38	6.0	3.0	5.0	55	.87	.080	15	186.7	.59	171	.085	20	1.96	.075	.16	3.2	.23	3.6	1.7	<.05	6	4.5	160	3.37

Standard is STANDARD DS6/R-2a/AU-1.

GROUP 1DX - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-MS.

(>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME MINERALS MAY BE PARTIALLY ATTACKED. REFRACTORY AND GRAPHITIC SAMPLES CAN LIMIT AU SOLUBILITY.

AG** & AU** BY FIRE ASSAY FROM 1 A.T. SAMPLE.

- SAMPLE TYPE: ROCK R150

Data FA _____ DATE RECEIVED: AUG 11 2005 DATE REPORT MAILED: Aug. 25/05

BRITISH COLUMBIA CERTIFIED ASSAYER
Clarence Leong

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(If 001 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Almaden Minerals Ltd. PROJECT ELK05-3 File # A504437 Page 1

1103 - 750 W. Pender St., Vancouver BC V6C 2T8 Submitted by: Wojtek Jakubowski

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Ag** gm/mt	Au** gm/mt
SND05418-1	1.4	152.9	115.2	38	5.9	1.8	2.1	451	1.86	20.6	9.4	1352.9	8.4	3	.7	.2	4.6	1	.05	.018	11	2.2	.03	25	.001	2	.29	.010	.23	.1	.02	.3	.1	1.61	1	<.5	5	10.02
SND05418-2	1.1	163.4	45.0	58	.9	1.3	2.1	867	2.01	18.4	3.0	169.2	10.3	5	.4	.2	1.3	3	.08	.025	18	3.3	.07	29	.003	2	.27	.017	.20	.2	.01	.6	.1	.95	1	<.5	<2	.33
SND05418-3	.9	18.4	44.4	30	.3	1.6	3.5	446	.88	6.1	14.2	54.1	9.2	10	.2	.1	.2	2	.09	.023	34	2.0	.04	32	.001	3	.30	.018	.16	.3	<.01	.5	.1	.29	1	<.5	<2	.07
SND05418-4	1.1	42.6	23.6	51	.3	1.3	1.5	648	1.12	14.6	4.3	6.0	10.7	6	.3	.4	.1	3	.08	.024	21	2.5	.05	34	.005	1	.25	.022	.16	.1	<.01	.7	.1	.20	1	<.5	<2	.01
SND05418-5	2.2	371.9	195.7	27	6.1	2.8	4.8	226	7.16	328.2	14.0	1466.7	14.0	9	.6	.6	3.5	1	.06	.018	16	1.3	.04	24	.001	3	.31	.005	.25	.2	.01	.2	.1	7.87	1	.5	7	1.73
SND05418-6	1.3	143.2	107.0	75	1.2	1.4	2.3	646	1.82	40.3	5.1	18.9	10.0	2	.8	.5	.2	1	.05	.017	9	2.2	.03	60	<.001	2	.23	.007	.23	.1	<.01	.3	.1	1.33	1	<.5	<2	.03
SND05418-7	1.0	108.5	60.6	59	.3	1.2	1.6	503	1.83	70.1	3.1	71.1	8.1	5	.5	.4	.2	2	.07	.021	15	2.2	.04	33	.002	2	.25	.018	.18	.1	.01	.7	.1	.98	1	<.5	<2	.19
SND05418-8	1.1	68.4	73.7	68	.2	1.4	2.2	603	1.52	26.1	5.3	177.4	8.5	5	.8	.3	.3	3	.08	.024	16	2.0	.05	32	.003	1	.23	.019	.16	.1	<.01	.7	.2	.53	1	<.5	<2	.24
RE SND05418-8	.9	65.8	70.0	66	.2	1.6	2.1	587	1.48	23.3	4.8	109.2	8.4	5	.6	.3	.4	3	.08	.022	16	2.0	.05	31	.003	1	.22	.019	.15	.1	<.01	.8	.2	.50	1	<.5	<2	.52
RRE SND05418-8	1.0	65.1	72.2	72	.2	1.6	2.4	602	1.57	22.9	5.1	193.6	9.1	5	.7	.3	.4	3	.08	.024	17	2.0	.05	36	.003	<1	.26	.023	.18	.1	<.01	.8	.2	.56	1	<.5	<2	.31
SND05418-9	1.0	40.9	44.4	51	.3	1.5	2.0	440	1.12	9.7	7.1	118.1	8.9	9	.4	.3	.2	2	.07	.022	17	2.2	.04	37	.003	1	.23	.023	.13	.1	<.01	.6	.2	.41	1	<.5	<2	.13
SND05418-10	1.1	130.5	8.2	22	.9	1.0	1.7	495	1.67	18.8	3.4	786.6	9.7	4	.2	.2	1.3	2	.07	.022	19	1.8	.05	31	.004	2	.27	.023	.20	.1	.01	.6	.1	1.05	1	<.5	<2	2.07
SND05418-11	1.0	49.6	4.5	30	.3	1.0	2.2	924	1.60	27.5	2.8	270.6	9.3	4	<.1	.2	.3	4	.08	.023	15	2.0	.09	47	.011	2	.27	.027	.18	.1	.01	.9	.1	.48	1	<.5	<2	.27
SND05418-12	1.1	49.0	5.6	31	.3	1.0	2.0	910	1.62	24.7	2.9	124.4	10.0	4	.1	.2	.3	5	.08	.023	16	2.0	.09	50	.011	3	.28	.030	.18	.1	.01	.9	.1	.49	1	<.5	<2	.23
SND05418-14(pulp)	19.8	52.4	427.8	33	5.0	1101.9	26.3	396	2.26	56.2	.4	38226.1	2.9	17	.1	.4	4.3	28	.49	.031	13	1492.0	.61	137	.042	5	1.08	.045	.29	12.5	.02	2.2	.1	<.05	3	<.5	4	33.12
SND05418-15	1.0	45.6	66.9	100	.4	1.5	2.5	879	1.37	24.8	5.3	45.0	9.2	9	.6	1.3	.2	2	.08	.024	21	1.9	.05	40	.003	3	.25	.016	.18	<.1	<.01	.6	.1	.44	1	<.5	<2	.07
SND05418-16	1.2	30.9	38.3	45	1.5	1.2	2.5	581	1.66	7.9	3.3	1176.1	11.5	6	.3	.2	1.3	3	.07	.025	17	2.1	.06	42	.008	4	.30	.026	.20	.1	<.01	.7	.1	.84	1	<.5	<2	1.06
SND05418-17	1.2	58.3	76.0	45	.5	1.2	2.8	756	1.53	30.1	6.4	25.1	9.6	3	.3	.2	.2	2	.06	.022	17	1.6	.03	24	<.001	<1	.21	.010	.20	.1	<.01	.5	.1	.90	<1	<.5	<2	.03
SND05418-18	1.0	172.1	17.4	28	1.2	1.1	1.9	661	1.82	39.2	5.7	145.0	10.1	3	.3	.2	.8	2	.06	.021	15	1.3	.04	26	.001	2	.26	.014	.22	.2	<.01	.4	.1	1.08	1	<.5	<2	.35
SND05418-19	1.1	37.1	29.0	33	.1	1.7	1.1	466	.98	3.3	3.2	37.1	11.1	6	.1	.1	.1	4	.08	.025	22	1.9	.06	44	.011	3	.26	.027	.14	.1	<.01	.7	.1	.22	1	<.5	<2	.05
SND05418-20	1.1	13.6	27.9	71	<.1	.9	1.2	593	.94	1.1	2.7	1.2	10.1	6	.2	.1	<.1	4	.07	.022	20	1.9	.02	26	.001	1	.21	.038	.11	.1	<.01	.7	.1	.09	1	<.5	<2	<.01
SND05418-21	1.1	34.0	14.1	22	.2	1.2	1.8	281	.84	6.2	3.2	4.0	8.9	7	.1	.1	.2	4	.08	.027	22	2.1	.05	79	.009	<1	.26	.034	.16	.1	<.01	.7	.1	.31	1	<.5	<2	<.01
SND05418-22	1.7	67.0	14.6	48	.5	1.5	2.2	548	1.38	13.5	3.7	3.7	10.0	6	.5	.1	.2	3	.08	.024	18	1.9	.05	41	.005	<1	.29	.025	.19	.1	<.01	.7	.1	.59	1	<.5	<2	.01
SND05418-23	1.8	21.8	5.7	40	.2	1.0	1.7	677	1.13	5.2	3.2	57.4	10.7	7	.2	.1	.1	4	.08	.022	25	2.2	.06	49	.014	<1	.25	.032	.15	.1	<.01	.9	.1	.21	1	<.5	<2	.01
SND05418-24	1.5	17.6	9.9	38	.1	1.7	1.5	349	.76	3.1	2.6	2.6	9.4	8	.3	.1	<.1	4	.10	.023	24	2.2	.03	32	.004	<1	.23	.032	.12	<.1	<.01	.8	.1	.09	1	<.5	<2	<.01
SND05418-25	1.5	8.1	31.7	94	.1	1.8	1.7	713	1.03	2.3	3.0	36.9	9.0	11	.2	.1	<.1	4	.07	.019	19	2.3	.03	48	.001	<1	.19	.030	.11	.1	<.01	1.1	.1	.09	1	<.5	<2	<.01
SND05418-26	1.4	13.2	74.1	133	.2	2.9	2.9	738	1.18	14.0	5.9	49.9	8.5	59	1.2	.2	<.1	6	.11	.034	18	5.4	.04	240	.003	<1	.31	.025	.14	.1	<.01	1.2	.1	.16	1	<.5	<2	.12
SND05418-27	2.3	37.3	54.5	116	.5	1.2	2.1	788	1.60	15.7	5.2	45.5	11.0	7	.4	.3	.3	4	.08	.024	32	2.2	.06	37	.006	<1	.24	.027	.15	.1	<.01	.8	.1	.56	1	<.5	<2	.06
SND05418-28	2.0	43.3	106.5	274	1.9	1.8	3.9	1081	1.88	22.6	6.7	861.8	49.5	6	1.0	.2	1.2	4	.08	.021	21	2.3	.05	83	.002	<1	.26	.025	.19	.2	.01	1.0	.1	.68	1	<.5	<2	1.54
SND05418-29	.9	22.5	33.8	134	.2	1.5	5.7	1620	2.33	3.0	3.7	56.5	8.0	10	.9	.2	.1	20	.26	.072	25	3.0	.23	123	.043	<1	.55	.033	.33	.1	<.01	4.3	.2	.13	3	<.5	<2	.07
SND05418-30	10.3	7.9	6.0	40	.6	1.5	7.2	1160	2.17	3.6	3.8	134.5	19.0	12	<.1	.1	.5	17	.22	.044	16	2.1	.19	667	.016	<1	.39	.040	.15	.3	<.01	2.9	.1	.21	2	<.5	<2	.32
SND05418-31	3.6	50.8	223.4	264	1.5	2.0	4.0	1074	2.27	14.0	7.1	413.6	4.4	13	.9	.4	.1	4	.22	.063	17	1.5	.12	190	.001	2	.34	.017	.25	.1	<.01	2.8	.1	.46	1	<.5	<2	.50
SND05418-32	3.6	74.5	326.6	316	6.0	2.5	6.2	1223	2.76	21.7	10.0	2433.7	4.2	13	1.1	.6	.2	4	.25	.068	11	1.1	.14	97	.001	<1	.37	.017	.25	.5	<.01	2.8	.1	.72	1	<.5	7	2.78
SND05418-35	.8	367.5	136.7	70	12.4	2.1	3.1	679	2.76	48.4	4.0	6527.7	3.1	7	1.6	.2	5.9	6	.23	.074	8	1.4	.14	48	.005	<1	.35	.027	.22	.1	<.01	2.3	.2	1.58	1	<.5	17	9.26
STANDARD DS6/R-2a/OxL34	11.3	117.9	29.6	144	.3	24.3	10.5	717	2.81	21.3	6.4	50.2	2.9	40	6.0	3.0	4.9	55	.84	.075	14	185.1	.59	173	.078	16	1.89	.074	.16	3.4	.24	3.3	1.7	<.05	6	4.5	161	5.75

GROUP 1DX - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-MS.
(>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME MINERALS MAY BE PARTIALLY ATTACKED. REFRACTORY AND GRAPHITIC SAMPLES CAN LIMIT AU SOLUBILITY.
AG** & AU** BY FIRE ASSAY FROM 1 A.T. SAMPLE.
- SAMPLE TYPE: DRILL CORE R150 Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data L FA ____ DATE RECEIVED: AUG 11 2005 DATE REPORT MAILED: Aug. 25/05

BRITISH COLUMBIA CERTIFIED ASSAYER
Clarence Leong

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Ag** gm/mt	Au** gm/mt
SND05418-36	1.9	488.6	435.8	93	1.9	17.5	17.9	1555	4.90	43.4	13.6	626.8	9.8	25	8.2	1.1	1.0	34	1.00	.359	64	12.4	.29	59	.014	3	.82	.030	.26	<.1	.04	7.0	.9	1.75	3	<.5	2	.75
SND05418-37	1.0	301.9	286.3	76	.6	7.8	8.5	1137	4.53	51.1	6.4	711.9	11.0	21	.7	1.1	5.2	42	.97	.353	67	1.9	.24	56	.024	2	.81	.026	.28	<.1	.02	6.8	.7	1.98	3	<.5	<2	1.41
SND05418-38	2.6	335.1	720.7	720	6.7	5.7	8.2	929	3.82	101.9	6.2	1544.3	7.8	28	15.9	1.0	2.4	15	.60	.235	27	1.1	.24	45	.003	3	.56	.009	.31	.1	.03	3.4	.1	2.08	2	<.5	12	1.64
SND05418-39	1.7	111.4	388.0	552	.3	7.1	12.8	3554	7.09	18.4	25.2	130.0	10.3	30	3.9	.6	.1	27	.97	.333	47	<1	.77	52	.003	4	.77	.012	.33	.1	.03	7.7	.2	.22	2	.5	<2	.09
SND05418-40	2.4	791.5	2314.3	846	17.4	4.5	12.6	220	3.37	162.7	20.5	4859.5	6.6	25	21.3	1.2	10.2	7	.38	.156	21	<1	.07	29	.002	1	.44	.006	28	.4	.04	1.3	.1	3.32	1	.9	25	6.49
SND05418-41	2.0	406.7	374.0	237	5.3	6.3	22.1	1356	6.82	108.4	23.5	1373.8	10.1	16	2.7	1.0	2.2	19	.61	.229	35	<1	.53	35	.004	3	.71	.009	.35	.3	<.01	4.0	.1	3.31	2	.9	7	1.78
SND05418-42	1.5	66.5	153.0	304	.3	6.0	16.0	1370	4.99	13.7	16.1	15.1	10.7	21	2.4	.6	.1	47	.76	.284	55	1.1	.72	46	.009	2	.70	.022	.24	.1	<.01	7.5	.3	.21	3	<.5	<2	.03
SND05418-43	2.4	2033.1	671.2	263	29.5	5.4	15.5	685	6.95	130.3	13.5	6949.8	6.3	9	7.9	1.3	7.9	14	.53	.226	21	1.0	.19	28	.006	2	.65	.007	.41	.7	<.01	2.5	.2	6.36	2	.5	21	7.35
SND05418-44	4.4	435.4	547.0	586	3.2	7.0	17.1	1310	7.92	187.5	17.5	1020.0	7.5	12	7.2	.8	2.0	18	.66	.264	25	<1	.19	32	.004	1	.60	.007	.36	.7	<.01	3.7	.1	5.97	2	.6	4	1.23
SND05418-45	4.9	302.2	993.6	1881	3.1	14.3	15.7	2935	6.75	71.6	21.1	1201.4	9.5	17	15.6	1.8	.5	49	.85	.299	50	6.0	.30	56	.012	3	.74	.018	.36	.2	<.01	8.3	.8	1.73	3	.5	4	1.47
SND05418-46	2.2	971.4	569.0	624	4.2	8.0	19.0	2429	8.82	69.2	16.6	3531.7	9.6	15	13.1	2.5	.4	43	.81	.302	40	1.0	.37	56	.021	4	.69	.014	.33	.1	.02	6.2	.6	3.30	3	.7	4	1.03
SND05418-47	.7	42.9	132.9	168	.2	7.5	13.2	827	3.39	6.9	4.9	37.0	13.9	21	3.0	.5	.1	82	.96	.373	65	2.2	.57	162	.117	2	1.00	.037	.65	<.1	.01	7.9	.7	.20	6	<.5	<2	.07
SND05418-48	1.2	7.7	195.8	226	.1	8.7	15.5	1154	2.72	9.3	18.4	41.0	13.9	22	5.1	.7	<.1	56	.92	.347	69	1.4	.27	87	.023	2	.60	.028	.14	<.1	<.01	8.7	.8	.27	3	<.5	<2	.04
RE SND05418-48	1.3	7.8	193.3	228	.1	8.7	15.5	1141	2.71	9.3	20.0	14.5	15.6	22	5.4	.7	<.1	57	.92	.351	72	1.5	.27	92	.022	1	.60	.027	.14	<.1	.01	8.4	.8	.29	3	<.5	<2	.03
RRE SND05418-48	1.1	8.2	195.5	229	.1	8.4	15.4	1135	2.68	9.0	18.8	9.8	14.7	21	5.2	.7	<.1	56	.91	.341	71	1.5	.28	90	.023	3	.63	.031	.14	<.1	<.01	8.5	.8	.27	3	<.5	<2	.02
SND05418-49	.7	48.9	187.7	225	5.9	2.6	5.0	776	2.60	19.9	2.4	5885.6	4.3	6	4.2	.2	3.0	7	.17	.046	11	1.2	.16	40	.002	2	.27	.023	.16	.1	.01	2.1	.4	.82	1	<.5	10	8.52
SND05418-50	11.1	81.6	241.0	457	2.4	2.8	5.4	1460	3.96	38.2	5.3	1003.3	4.5	12	2.9	.9	.3	7	.27	.070	15	1.2	.26	41	.001	2	.38	.012	.21	.1	<.01	3.2	.2	.73	1	<.5	2	.59
SND05418-51	3.1	26.7	57.7	219	.4	10.3	14.4	1693	4.78	28.0	3.9	25.8	6.0	13	1.6	.3	.1	67	.44	.104	19	5.1	.57	33	.001	2	.42	.033	.09	.5	<.01	8.0	1.2	.34	2	<.5	<2	.12
SND05418-52	2.2	25.3	50.6	185	.4	9.5	13.4	1523	4.50	29.0	4.4	91.3	6.2	13	1.1	.3	.2	60	.42	.100	20	4.4	.53	31	.002	2	.43	.032	.10	.3	<.01	7.3	1.2	.41	2	<.5	<2	.26
SND05418-55	.8	7.9	68.4	231	.1	14.1	8.8	876	2.13	12.3	7.7	4.2	4.1	15	2.4	.2	<.1	27	.26	.052	30	5.7	.24	48	.001	1	.30	.031	.07	<.1	.02	4.4	.5	.14	1	<.5	<2	.01
SND05418-56	5.9	194.0	527.0	143	.5	14.2	16.3	1152	3.32	37.2	11.4	13.9	4.6	24	5.4	.7	<.1	48	.42	.084	45	3.8	.44	57	.001	3	.46	.037	.10	<.1	.01	6.0	.3	.48	2	1.0	<2	.02
SND05419-1	.9	16.4	36.3	85	.1	1.4	2.0	914	1.27	5.9	4.6	2.4	8.6	15	.4	.2	.1	3	.07	.023	19	1.7	.04	205	.001	2	.25	.015	.14	<.1	<.01	1.0	.1	.19	1	<.5	<2	.02
SND05419-2	1.4	88.9	67.4	72	1.3	1.4	2.9	629	1.83	54.3	7.7	236.8	9.3	3	.6	.8	.5	2	.05	.019	9	1.7	.04	45	.001	2	.27	.006	.24	.1	.01	.5	.1	1.07	1	<.5	<2	.14
SND05419-3	2.1	90.3	44.6	75	.6	1.4	2.0	677	1.55	26.1	3.8	110.0	10.4	8	.3	.6	.4	1	.06	.021	13	2.0	.05	44	<.001	3	.23	.013	.18	.1	<.01	.6	.1	.63	1	<.5	<2	.20
SND05419-4	1.1	68.0	63.1	89	.6	1.3	1.8	874	1.54	17.8	4.7	203.7	9.5	17	.5	.4	.2	3	.06	.022	14	1.6	.04	113	.001	1	.26	.015	.17	.1	<.01	.8	.1	.49	1	<.5	<2	.33
SND05419-5	.7	27.3	49.3	72	1.2	1.2	2.8	493	1.24	13.9	4.2	1328.4	8.7	7	.6	.2	.5	2	.06	.021	12	1.9	.03	44	.001	1	.22	.020	.16	.1	<.01	.6	.1	.63	1	<.5	4	1.10
SND05419-6	1.0	6.4	37.3	80	.1	.9	1.5	546	.98	1.1	3.0	7.4	9.3	9	.3	.2	<.1	2	.07	.023	21	2.4	.03	55	.001	2	.22	.029	.14	<.1	<.01	.7	.1	<.05	1	<.5	<2	.01
SND05419-8	.9	13.2	23.0	50	.2	.9	1.2	431	.87	3.9	3.6	38.7	9.1	8	.3	1.7	.1	3	.08	.023	21	2.3	.03	48	.004	2	.21	.026	.12	.1	<.01	.7	.1	.16	1	<.5	<2	.12
SND05419-9	1.1	146.9	37.0	77	.9	.9	1.6	566	1.40	12.1	3.6	114.3	9.4	6	.5	4.1	.4	2	.07	.021	15	1.9	.04	46	.002	3	.24	.019	.18	.1	<.01	.6	.1	.64	1	<.5	<2	.50
SND05419-10	1.2	75.9	53.6	80	.4	1.3	1.5	569	1.49	21.2	3.9	176.9	9.4	8	.5	3.0	.2	3	.07	.023	17	2.4	.04	60	.002	3	.23	.021	.16	.1	<.01	.8	.1	.61	1	<.5	<2	.14
SND05419-11	1.6	30.0	81.3	156	.6	1.8	2.8	743	1.45	10.5	16.8	142.8	10.0	8	1.0	2.3	.2	1	.06	.022	18	1.6	.04	144	<.001	3	.24	.013	.16	.1	<.01	.7	.1	.35	1	<.5	<2	.29
SND05419-12	1.1	5.9	677.3	69	.2	1.6	1.7	523	.84	4.2	15.4	41.6	7.0	24	.2	.7	<.1	<1	.04	.019	18	2.0	.02	130	<.001	5	.20	.003	.14	.2	<.01	.6	.1	.08	<1	<.5	<2	.04
SND05419-13	1.2	9.6	43.2	54	.1	.9	1.6	352	.75	2.5	3.9	2.1	9.0	9	.3	.5	.1	3	.07	.021	20	1.8	.03	63	.005	1	.23	.027	.14	.1	.01	.7	.1	.09	1	<.5	<2	.02
SND05419-14	1.0	5.4	38.0	95	.2	.9	1.5	473	.75	1.0	4.2	450.1	10.0	8	.8	.3	<.1	1	.05	.019	22	1.8	.02	53	<.001	3	.20	.021	.14	.1	<.01	.6	.1	<.05	<1	<.5	<2	.26
STANDARD DS6/R-2a/OxL34	11.2	124.3	30.0	147	.3	24.8	10.5	720	2.90	20.8	6.5	46.0	2.9	43	6.1	2.7	4.8	58	.88	.078	15	184.2	.59	171	.083	15	1.96	.074	.16	3.2	.22	3.3	1.6	<.05	6	4.3	160	5.82

Sample type: DRILL CORE R150. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data A FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Ag** gm/mt	Au** gm/mt
SND05419-15	1.4	35.0	33.3	87	.2	.9	1.3	701	1.23	8.9	4.3	1.7	11.9	9	.3	.3	.1	3	.06	.021	19	2.0	.05	88	.004	1	.32	.019	.17	.1	<.01	.7	.1	.20	1	<.5	<2	<.01
SND05419-16	1.5	43.4	27.4	75	.3	.9	1.4	634	1.24	10.0	5.3	3.1	11.3	9	.3	.3	<.1	3	.07	.021	20	2.0	.05	132	.005	2	.29	.022	.19	.1	<.01	.7	.1	.27	1	<.5	<2	.01
SND05419-19	1.7	135.0	352.0	1549	3.8	1.2	2.4	612	1.41	19.9	3.7	117.8	10.2	10	41.3	1.4	4.7	4	.08	.028	20	2.2	.04	74	.004	3	.28	.019	.22	.1	.02	.9	.1	.77	1	<.5	3	.36
SND05419-20	1.4	18.8	45.8	87	.1	.9	1.5	593	1.07	2.4	3.8	4.7	10.0	9	.4	.4	.1	5	.08	.025	25	2.1	.06	64	.013	4	.31	.034	.18	.1	<.01	.9	.1	.13	1	<.5	<2	03
SND05419-21	1.8	26.3	56.5	116	.5	1.1	2.0	734	1.21	8.2	3.9	247.2	9.5	7	.5	.6	.1	3	.08	.025	19	2.0	.03	40	.001	2	.25	.022	.18	.1	<.01	.8	.1	.32	1	<.5	<2	.22
SND05419-22	1.4	282.4	105.0	103	4.8	1.0	1.7	666	1.81	22.8	2.9	769.4	10.3	6	.7	3.0	4.8	2	.07	.020	15	2.0	.03	35	.001	2	.26	.022	.19	.1	.01	.6	.1	.94	1	<.5	6	1.19
SND05419-23	1.5	148.0	41.5	58	.7	.7	1.4	741	1.88	26.0	5.1	10.7	9.5	5	.5	2.6	.9	3	.08	.021	14	2.1	.06	35	.002	2	.27	.014	.21	.2	<.01	.6	.1	.72	1	<.5	<2	.04
SND05419-24	1.7	306.2	288.1	193	3.1	1.3	2.2	667	2.82	74.5	3.2	60.1	8.4	3	4.4	1.4	2.2	2	.05	.017	9	2.9	.04	48	.001	1	.30	.008	.26	.1	.02	.5	.1	2.20	1	<.5	4	.21
SND05419-25	1.2	38.2	6.3	35	.2	.9	1.6	538	1.24	4.9	3.3	17.7	10.8	6	.1	.1	.3	5	.08	.021	22	2.9	.06	40	.012	1	.26	.032	.15	.1	.01	.9	.1	.25	1	<.5	<2	.02
SND05419-26	1.5	29.3	9.6	46	1.1	.9	2.5	804	1.43	6.2	6.2	19.9	9.9	5	.1	.2	1.3	4	.08	.020	22	2.4	.06	36	.007	1	.26	.030	.17	.1	<.01	.8	.1	.26	1	<.5	<2	.04
SND05419-27	.8	11.4	7.6	45	.1	.9	2.9	907	1.64	3.6	3.3	4.5	7.4	6	.2	.1	.1	10	.13	.037	26	2.8	.12	93	.033	1	.36	.032	.22	.1	.01	1.4	.1	.11	2	<.5	<2	.01
SND05419-28	.8	8.6	9.6	56	<.1	.9	2.1	906	1.68	1.4	2.8	3.0	9.3	8	.2	.1	<.1	11	.17	.051	44	2.1	.08	54	.011	3	.30	.040	.17	.1	<.01	1.0	.1	<.05	1	<.5	<2	.01
RE SND05419-28	.8	8.0	10.5	60	<.1	.7	2.5	947	1.75	1.2	3.2	28.7	10.3	8	.2	.1	<.1	11	.18	.053	47	2.7	.08	57	.011	2	.32	.041	.19	.1	<.01	1.1	.1	<.05	1	<.5	<2	.04
RRE SND05419-28	1.2	8.7	9.3	54	<.1	.8	2.1	867	1.56	1.4	2.9	4.5	8.6	7	.2	.1	.1	11	.17	.048	41	2.2	.07	48	.011	2	.27	.032	.16	<.1	<.01	1.1	.1	<.05	1	<.5	<2	.01
SND05419-29	4.2	56.4	159.8	390	1.0	2.3	9.8	5357	6.81	49.3	6.8	250.1	9.3	10	1.2	.4	.5	43	.37	.114	45	3.0	.40	141	.121	2	.71	.025	.53	.2	<.01	3.7	.3	1.16	5	<.5	<2	.50
SND05419-30	1.6	55.8	87.8	206	1.7	1.6	9.5	1816	3.09	16.3	5.3	364.0	6.8	8	1.3	1.0	1.2	7	.25	.070	21	1.9	.15	35	.001	4	.43	.021	.31	.1	<.01	3.1	.1	.55	1	<.5	2	1.03
SND05419-31	1.3	9.2	3.7	47	.1	1.3	5.9	815	2.39	1.9	2.7	11.8	6.9	35	<.1	.1	.1	33	1.33	.069	17	3.0	.48	131	.056	<1	.87	.042	.25	<.1	<.01	3.7	.1	<.05	4	<.5	<2	.02
SND05419-32	1.6	48.2	186.0	718	.8	2.7	7.0	1558	2.87	4.5	2.0	458.6	7.1	13	2.2	.2	<.1	30	.37	.085	30	2.6	.22	67	.015	1	.52	.039	.20	<.1	<.01	6.7	.3	.36	2	<.5	<2	.73
SND05419-33	1.9	32.0	53.7	82	.2	1.4	4.5	1050	2.54	10.0	2.5	190.1	6.9	10	.2	.2	.1	19	.29	.071	20	1.9	.26	87	.034	2	.59	.036	.28	<.1	<.01	4.4	.2	.20	2	<.5	<2	.17
SND05419-34	2.9	285.5	261.0	294	18.8	2.2	5.3	1330	3.52	54.8	3.5	8952.4	5.6	9	2.8	.3	2.0	13	.27	.067	14	1.4	.25	43	.005	1	.45	.020	.27	.1	<.01	3.4	.4	1.09	2	<.5	25	13.72
SND05419-35	3.7	25.1	5.0	48	.1	1.6	4.6	1013	2.29	2.6	2.1	31.0	7.5	11	.1	.1	.1	23	.30	.076	22	2.3	.23	97	.037	1	.55	.037	.25	<.1	<.01	4.9	.3	.13	3	<.5	<2	.13
SND05419-36	1.6	30.6	3.4	48	.1	1.5	3.9	1048	2.49	2.3	2.5	70.0	7.1	10	<.1	.1	.1	20	.29	.074	20	1.9	.24	94	.033	2	.55	.032	.27	<.1	.01	4.2	.2	.17	2	<.5	<2	.07
SND05419-39	1.2	41.9	4.9	61	.4	2.2	6.0	1297	3.25	5.0	4.3	303.2	5.7	8	.1	.1	.1	19	.27	.072	19	1.6	.32	43	.003	<1	.43	.030	.20	<.1	.01	4.1	.3	.32	2	<.5	<2	.27
SND05419-40	1.6	76.3	3.5	71	.2	1.9	5.4	1406	3.38	5.6	3.7	242.6	6.5	9	.1	.1	.1	17	.28	.072	20	2.1	.27	59	.012	<1	.46	.026	.24	<.1	<.01	3.9	.2	.62	2	<.5	<2	.16
SND05419-41	1.6	165.1	5.2	82	.4	3.7	7.7	1284	4.03	12.2	4.9	640.3	6.2	9	.2	.2	.5	28	.29	.069	19	2.3	.30	63	.018	1	.60	.027	.28	<.1	<.01	5.0	.3	1.02	2	<.5	<2	.88
SND05419-42	1.4	78.1	2.5	74	.2	1.6	5.0	1219	2.78	3.2	3.3	71.5	7.7	10	.1	.1	.1	21	.28	.069	24	1.9	.25	68	.028	1	.46	.031	.22	<.1	.01	4.3	.3	.26	2	<.5	<2	.14
SND05419-43	1.6	70.8	6.3	72	.2	1.7	5.1	1172	2.71	14.7	6.9	106.4	7.0	10	.1	.1	.1	23	.31	.086	25	2.0	.25	84	.045	<1	.62	.031	.32	<.1	<.01	4.8	.2	.39	3	<.5	<2	.40
SND05419-44	1.3	69.1	15.5	85	.6	1.4	4.4	843	2.25	6.0	2.2	598.2	6.5	11	1.1	.2	.1	21	.30	.078	17	1.8	.27	96	.051	3	.55	.035	.28	<.1	<.01	4.3	.2	.19	2	<.5	<2	.74
SND05419-45	2.8	46.2	40.5	78	.4	1.0	1.3	471	1.06	13.9	3.6	125.8	21.0	2	.3	.1	.2	1	.03	.003	10	1.7	.04	22	.001	1	.23	.017	.17	.1	<.01	.6	.1	.34	1	<.5	<2	.41
SND05419-46	1.6	80.7	436.7	325	.7	2.7	2.7	776	1.71	20.0	11.9	88.9	22.4	5	1.8	.3	.1	3	.09	.018	12	2.1	.08	24	<.001	<1	.28	.012	.21	.1	<.01	1.2	.1	.50	1	<.5	<2	.10
SND05419-47	2.5	74.0	128.9	439	.7	2.6	6.0	1253	2.72	14.7	8.2	149.6	6.1	9	1.4	.2	.3	12	.28	.084	20	1.8	.16	43	.004	2	.47	.028	.24	<.1	<.01	3.5	.3	.58	1	<.5	<2	.22
SND05419-48	1.3	2683.4	674.2	292	92.1	1.1	5.9	581	4.77	112.0	3.1	20492.8	4.9	5	3.9	.4	27.8	3	.26	.108	9	1.1	.10	27	.002	1	.46	.007	.37	.2	.04	1.3	.2	4.39	1	<.5	96	13.87
SND05419-49	1.7	624.5	188.6	92	13.8	1.6	5.8	282	4.81	91.2	3.6	1308.5	4.2	4	.9	.5	3.1	1	.15	.063	7	1.9	.05	19	.001	2	.32	.005	.30	.2	<.01	.8	.1	5.13	1	<.5	14	2.30
SND05419-50	1.9	410.0	501.5	379	7.0	2.3	6.0	532	6.03	141.8	4.5	1530.1	3.0	24	1.7	.5	1.9	2	.15	.051	7	1.4	.08	23	.001	2	.29	.006	.22	.2	<.01	1.1	.1	5.59	1	<.5	10	2.27
STANDARD DS6/R-2a/OxL34	11.8	125.9	30.2	147	.3	24.4	10.5	727	2.88	22.1	6.5	48.6	2.9	37	6.1	3.1	4.8	58	.87	.078	15	189.8	.59	163	.084	17	1.95	.075	.17	3.4	.23	3.5	1.7	<.05	6	4.6	157	5.79

Sample type: DRILL CORE R150. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data L FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Ag** gm/mt	Au** gm/mt
SND05419-52	1.5	131.3	115.9	154	1.8	2.5	4.9	896	3.02	65.9	6.2	520.5	4.4	9	1.4	.3	.6	5	.21	.065	14	1.0	.13	36	.001	4	.33	.015	.25	.1	.01	1.9	.3	1.89	1	<.5	<2	.57
SND05419-53	1.0	6.5	41.0	285	<.1	4.5	5.8	1145	2.26	3.4	5.3	2.6	6.0	19	.8	.1	<.1	13	.28	.051	37	1.0	.20	234	.001	3	.46	.020	.11	<.1	<.01	2.9	.3	.15	1	<.5	<2	<.01
SND05419-54	14.5	21.7	52.9	271	.2	1.5	2.6	637	1.94	4.9	2.4	39.1	10.2	7	1.0	.3	.2	4	.14	.029	16	2.1	.12	100	.002	3	.26	.037	.14	.2	<.01	1.8	.2	.16	1	<.5	<2	.09
SND05419-55	.6	16.1	4.3	44	.1	1.3	3.7	948	2.83	4.5	1.4	15.0	6.9	6	.1	.1	.1	13	.22	.037	13	2.2	.17	309	.002	2	.21	.029	.10	<.1	<.01	2.5	<.1	.38	1	<.5	<2	.06
SND05419-56	1.0	4.8	13.4	53	<.1	2.1	2.4	366	1.25	5.4	1.1	2.7	5.8	4	.4	.1	<.1	7	.06	.010	12	2.5	.15	29	.001	4	.20	.032	.10	<.1	<.01	1.3	.4	.08	1	<.5	<2	<.01
STANDARD DS	11.6	123.2	29.6	148	.3	24.9	10.6	720	2.89	21.6	6.6	46.2	2.9	38	5.8	3.1	4.9	57	.88	.078	15	188.2	.59	172	.086	19	1.93	.076	.16	3.3	.24	3.5	1.7	<.05	6	4.4	157	3.37

Standard is STANDARD DS6/R-2a/AU-1.

Data ✓ FA ___

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9001 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Almaden Minerals Ltd. PROJECT ELK05-3 File # A504438

1103 - 750 W. Pender St., Vancouver BC V6C 2T8 Submitted by: Wojtek Jakubowski

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm
SND05419-7	1.5	1928.9	163.9	148	13.5	1.8	2.6	599	2.35	62.3	4.9	24952.9	8.5	4	3.1	77.2	6.0	3	.06	.016	10	3.2	.04	39	.001	4	.32	.010	.26	.6	.08	.6	.1	1.48	1	<.5
SND05419-51	.8	1400.3	315.7	98	21.2	1.7	5.0	93	5.63	207.6	1.5	5720.4	2.1	2	2.0	.6	5.9	3	.08	.028	3	3.8	.02	18	.001	2	.28	.004	.28	.5	.01	.5	.1	6.27	1	<.5
STANDARD DS6	11.4	126.8	29.9	147	.3	25.1	10.5	725	2.91	20.8	6.6	42.1	2.9	37	6.1	3.0	4.9	58	.87	.076	14	189.2	.58	165	.082	17	1.96	.075	.17	3.6	.24	3.5	1.7	<.05	6	4.5

GROUP 1DX - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-MS.
(>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME MINERALS MAY BE PARTIALLY ATTACKED. REFRACTORY AND GRAPHITIC SAMPLES CAN LIMIT AU SOLUBILITY.
- SAMPLE TYPE: DRILL CORE M150

Data 1 FA ____ DATE RECEIVED: AUG 11 2005 DATE REPORT MAILED: Aug.26/05

BRITISH COLUMBIA CERTIFIED ASSAYER
Clarence Leong

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9001 Accredited Co.)

ASSAY CERTIFICATE

Almaden Minerals Ltd. PROJECT ELK05-3 File # A504438

1103 - 750 W. Pender St., Vancouver BC V6C 2T8 Submitted by: Wojtek Jakubowski

SAMPLE#	S.Wt gm	NAu mg	-Au gm/mt	TotAu gm/mt
SND05419-7	715	6.35	9.27	18.15
SND05419-51	1023	.50	5.61	6.10
STANDARD AU-1	-	<.01	3.37	3.37

-AU : -150 AU BY FIRE ASSAY FROM 1 A.T. SAMPLE. DUPAU: AU DUPLICATED FROM -150 MESH. NAU - NATIVE GOLD, TOTAL SAMPLE FIRE ASSAY.
- SAMPLE TYPE: DRILL CORE M150

Data ✓ FA ____ DATE RECEIVED: AUG 11 2005 DATE REPORT MAILED: Aug 26/05

BRITISH COLUMBIA CERTIFIED ASSAYER
Clarence Leong

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9001 Accredited Co.)

ASSAY CERTIFICATE

Almaden Minerals Ltd. PROJECT ELK05-3 File # A504438

1103 - 750 W. Pender St., Vancouver BC V6C 2T8 Submitted by: Wojtek Jakubowski

SAMPLE#	S.Wt gm	NAg mg	-Ag gm/mt	TotAg gm/mt
SND05419-7	715	6.70	11	20
SND05419-51	1023	4.19	22	26
STANDARD R-2a	-	<.06	158	158

-AG : -150 AG BY FIRE ASSAY FROM 1 A.T. SAMPLE. DUPAG: AG DUPLICATED FROM -150 MESH. NAG - NATIVE SILVER, TOTAL SAMPLE FIRE ASSAY.
- SAMPLE TYPE: DRILL CORE M150

Data___ FA **DATE RECEIVED:** AUG 11 2005 **DATE REPORT MAILED:** Aug. 26/05

BRITISH COLUMBIA CERTIFIED ASSAYER
Clarence Leong

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9001 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Almaden Minerals Ltd. PROJECT ELK05-3 File # A504439

1103 - 750 W. Pender St., Vancouver BC V6C 2T8 Submitted by: Wojtek Jakubowski

SAMPLE#	Au* ppb	Sample gm
SND05418-13	6.5	30
SND05418-33	1.1	30
SND05418-34(pulp)	33201.2	15
SND05418-53	.9	30
SND05418-54(pulp)	9957.7	15
SND05419-17	1.2	30
SND05419-18(pulp)	32938.5	15
SND05419-37	5.1	30
SND05419-38(pulp)	9581.3	15
STANDARD AU-R	488.8	30

GROUP 3A - IGNITED 30 GM SAMPLE LEACHED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG.C FOR ONE HOUR, DILUTED TO 600 ML, ANALYSED BY ICP-MS.
UPPER LIMITS - AU* = 100 PPM.
- SAMPLE TYPE: DRILL CORE R150

Data FA ____ **DATE RECEIVED:** AUG 11 2005 **DATE REPORT MAILED:** Aug 25/05

Assay Au if > 1000 ppb

BRITISH COLUMBIA CERTIFIED ASSAYER
Clarence Leong

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9001 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Almaden Minerals Ltd. PROJECT ELK05-3 File # A504440 Page 1

1103 - 750 W. Pender St., Vancouver BC V6C 2T8 Submitted by: Wojtek Jakubowski

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm
200E 3250S	.7	22.5	19.4	93	.2	9.3	7.7	386	3.07	8.0	1.0	2.5	2.2	32	.1	.3	.1	101	.58	.086	12	27.0	.55	76	.093	2	1.17	.029	.07	.1	.01	3.0	.1	<.05	4	<.5
200E 3300S	.6	26.8	8.2	45	.1	12.9	7.5	375	2.25	4.1	.7	9.7	2.9	31	.1	.2	.1	68	.56	.078	12	28.6	.54	88	.107	4	1.03	.032	.14	.1	<.01	3.2	.1	<.05	4	<.5
200E 3350S	.7	38.4	12.9	77	.1	16.8	9.7	501	2.67	5.8	1.1	20.5	3.9	34	.2	.2	.1	74	.67	.105	17	30.9	.66	116	.107	2	1.38	.035	.16	.2	.02	4.1	.2	<.05	5	<.5
200E 3400S	.5	21.1	6.7	57	.1	13.0	7.5	279	2.16	3.3	.3	<.5	1.5	16	<.1	.1	.1	63	.24	.098	4	18.7	.35	58	.105	1	1.51	.021	.05	.1	.01	1.8	<.1	<.05	6	<.5
200E 3450S	3.2	58.5	254.1	588	2.4	9.1	7.2	432	2.97	6.2	38.8	2.5	16.6	131	.8	.2	3.0	42	.65	.060	405	14.6	.26	436	.036	1	2.11	.043	.15	<.1	.15	4.6	.2	.09	7	.6
200E 3500S	1.9	21.7	257.8	223	.9	4.5	3.6	115	1.58	3.0	4.8	1.6	7.3	33	.1	.1	1.2	30	.23	.027	93	8.3	.15	155	.043	<1	1.17	.028	.06	.1	.05	1.6	.1	<.05	5	<.5
200E 3550S	1.2	9.3	89.9	84	1.2	5.4	3.4	161	2.30	4.3	.4	22.6	2.6	13	.1	.1	.6	46	.10	.060	9	9.8	.10	78	.063	<1	1.47	.015	.04	.1	.06	1.1	.1	<.05	6	<.5
200E 3600S	3.0	15.3	54.7	45	.8	6.4	4.1	137	3.05	4.2	.3	63.7	3.6	28	<.1	.2	.8	60	.13	.082	9	13.3	.18	132	.061	1	1.50	.017	.06	<.1	.05	1.3	.1	<.05	6	<.5
200E 3650S	2.3	7.8	82.8	67	.3	5.6	4.2	131	1.82	3.6	.3	<.5	3.1	19	<.1	.1	.6	43	.16	.067	9	10.3	.15	95	.068	<1	1.19	.019	.05	.1	.02	1.1	.1	<.05	5	<.5
200E 3700S	1.2	19.9	45.4	60	.3	8.9	6.9	288	2.28	5.1	.3	1.5	2.2	20	.1	.1	.4	59	.22	.076	9	15.1	.23	111	.082	2	1.45	.020	.06	.1	.01	1.6	.1	<.05	5	<.5
200E 3750S	1.1	9.5	29.2	87	.2	6.3	4.9	275	1.62	2.9	.3	1.5	1.9	15	.1	.1	.4	41	.15	.108	9	11.2	.15	81	.066	<1	1.33	.015	.05	.1	.02	1.3	.1	<.05	4	<.5
200E 3800S	2.6	9.7	45.0	71	.3	6.0	4.5	254	1.77	3.9	.3	1.2	2.1	22	<.1	.1	.5	43	.15	.071	10	10.9	.13	104	.060	1	1.12	.015	.05	.1	.02	1.1	.1	<.05	5	<.5
400E 3250S	1.1	50.1	17.8	97	.3	18.7	9.2	393	2.52	11.1	4.2	1.5	3.0	43	.2	.3	.2	65	.99	.074	21	36.4	.59	103	.094	1	1.66	.029	.14	.1	.06	4.5	.1	<.05	5	.5
400E 3300S	.7	30.4	36.1	138	.2	11.3	6.6	439	2.16	4.5	1.7	1.2	2.7	29	.2	.2	.3	63	.65	.085	16	24.5	.41	75	.077	2	1.08	.024	.11	.1	.04	2.6	.1	<.05	4	<.5
400E 3350S	.5	28.5	10.7	84	.1	9.5	6.7	335	2.10	3.4	.4	<.5	1.7	15	.1	.1	.1	59	.20	.101	6	17.2	.32	89	.095	<1	2.13	.022	.04	.1	.01	2.4	.1	<.05	6	<.5
400E 3400S	.6	19.9	36.5	234	.5	8.6	6.3	290	2.14	3.2	.9	<.5	3.2	16	.1	.1	.4	51	.16	.085	8	13.7	.19	137	.089	2	2.12	.020	.05	<.1	.07	1.7	.1	<.05	6	<.5
400E 3450S	.8	34.9	23.6	162	.2	12.6	10.2	838	2.78	6.7	1.8	<.5	1.8	43	.4	.2	.2	85	.82	.101	18	27.6	.57	121	.083	2	1.52	.024	.14	.1	.03	4.0	.1	<.05	4	.7
400E 3500S	1.0	42.7	27.7	198	.3	12.6	9.0	689	2.55	6.7	2.4	.9	1.9	45	.4	.2	.2	74	.82	.106	21	26.8	.56	122	.074	1	1.35	.027	.11	<.1	.03	4.0	.1	<.05	4	.9
400E 3550S	.7	4.7	22.9	75	.1	2.1	1.6	94	.86	1.2	.6	<.5	.9	9	.1	.1	.2	23	.08	.024	5	4.5	.07	55	.025	<1	.77	.017	.03	.1	.02	.7	.1	<.05	5	<.5
400E 3600S	.9	11.1	28.9	201	.2	8.1	4.9	431	1.81	3.0	.6	<.5	3.2	24	.1	.1	.2	50	.22	.038	19	14.1	.27	133	.045	<1	1.79	.021	.06	.1	.01	1.4	.1	<.05	6	<.5
400E 3650S	.5	22.7	13.4	97	.2	9.0	6.4	239	2.03	4.0	.3	<.5	1.3	16	.1	.1	.1	59	.21	.103	5	15.4	.26	69	.094	1	1.74	.020	.05	.2	.02	1.7	<.1	<.05	6	<.5
400E 3700S	.9	16.6	41.0	162	.2	7.4	6.0	299	2.22	5.1	.6	<.5	3.5	22	.1	.1	.3	60	.21	.121	9	16.7	.23	104	.070	1	1.46	.019	.05	.2	.02	1.8	.1	<.05	5	<.5
400E 3750S	7.6	33.7	89.6	348	.5	8.3	8.3	455	2.65	4.2	4.6	<.5	5.3	112	.4	.3	.6	55	.42	.043	42	16.6	.30	252	.061	1	1.74	.037	.10	<.1	.04	2.7	.1	.09	4	<.5
400E 3800S	1.0	14.1	36.2	185	.1	7.1	5.2	332	1.92	3.8	.5	<.5	2.7	31	.1	.1	.2	55	.23	.069	9	14.0	.21	88	.071	1	1.34	.020	.05	<.1	.02	1.4	.1	<.05	5	<.5
RE 400E 3800S	.9	13.7	35.3	184	.2	7.5	5.3	351	1.79	3.8	.5	.6	2.4	30	.1	.1	.2	52	.24	.072	8	14.2	.23	84	.068	2	1.41	.019	.05	.1	.03	1.4	.1	<.05	4	<.5
600E 3250S	.8	13.0	9.1	57	.2	10.5	6.6	255	1.83	2.4	.6	70.8	3.4	19	.1	.1	.1	50	.26	.089	10	21.3	.29	90	.084	<1	1.26	.019	.07	.1	.01	2.2	.1	<.05	4	<.5
600E 3300S	.5	13.9	8.3	68	.1	9.4	5.3	300	1.63	2.2	.7	<.5	1.6	17	.1	.1	.1	44	.23	.118	8	17.0	.21	87	.072	1	1.13	.018	.06	.1	.01	1.9	.1	<.05	4	<.5
600E 3350S	.5	13.9	7.9	46	.1	9.7	5.7	205	1.73	2.5	.5	1.9	5.4	16	<.1	.1	.1	49	.25	.097	8	18.4	.26	74	.081	1	1.23	.024	.08	.1	.02	2.0	.1	<.05	4	<.5
600E 3400S	.5	13.6	6.1	47	.1	10.2	5.7	268	1.80	2.0	.3	<.5	2.0	16	.1	.1	.1	48	.23	.101	5	18.3	.24	84	.081	<1	1.24	.020	.05	.1	.01	1.7	.1	<.05	4	<.5
600E 3450S	.6	17.5	8.6	93	.1	9.8	6.1	516	1.78	2.8	.5	7.6	2.7	15	.1	.1	.1	46	.24	.131	6	15.8	.24	103	.089	2	1.70	.019	.07	.1	.02	2.1	.1	<.05	5	<.5
600E 3500S	.5	11.6	10.7	47	.1	7.2	5.7	359	1.67	2.0	.6	1.1	2.9	18	.1	.1	.1	51	.30	.032	11	18.3	.26	66	.099	<1	.81	.021	.12	.1	.01	2.2	.1	<.05	3	<.5
600E 3550S	1.0	38.4	31.6	170	.2	11.6	10.3	946	2.61	6.5	2.1	1.6	1.9	42	.2	.2	.2	74	.72	.106	20	25.3	.52	143	.071	<1	1.40	.022	.13	.1	.03	3.4	.1	.06	4	.7
600E 3600S	1.6	8.9	400.8	80	1.3	4.4	3.4	177	2.97	3.5	.6	3.7	14.0	48	.1	.1	2.9	35	.15	.096	43	8.4	.12	413	.028	<1	1.59	.021	.24	<.1	.09	1.0	.3	.29	5	<.5
600E 3650S	.4	17.6	18.9	64	.1	9.5	6.8	457	2.21	3.2	.4	13.2	1.8	19	.1	.1	.2	66	.24	.077	7	18.8	.27	92	.081	<1	1.25	.018	.08	.1	.02	1.7	.1	<.05	4	<.5
STANDARD DS6	11.7	125.6	30.1	138	.3	24.5	10.4	686	2.86	21.0	6.6	43.5	3.1	38	6.1	3.2	5.0	55	.87	.079	15	187.2	.60	164	.079	17	1.89	.075	.17	3.5	.21	3.4	1.7	<.05	6	4.5

GROUP 1DX - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-MS.
(>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME MINERALS MAY BE PARTIALLY ATTACKED. REFRACTORY AND GRAPHITIC SAMPLES CAN LIMIT AU SOLUBILITY.
- SAMPLE TYPE: SOIL PULP Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data f FA ____ DATE RECEIVED: AUG 11 2005 DATE REPORT MAILED: Aug. 29/05

BRITISH COLUMBIA CERTIFIED ASSAYER Clarence Leong

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm
600E 3700S	.3	21.5	7.3	36	<.1	8.3	5.7	194	1.80	3.6	.4	1.3	1.7	27	.1	.2	.1	59	.41	.077	10	19.6	.28	71	.068	1	.71	.019	.04	<.1	.02	2.4	.1	<.05	3	<.5
600E 3750S	1.0	68.6	33.2	311	.1	15.5	17.3	649	3.28	8.1	3.9	1.3	6.6	39	.3	.3	.3	97	.40	.080	25	28.5	.58	139	.118	1	2.08	.016	.28	.1	.04	6.6	.2	<.05	5	.5
600E 3800S	.3	15.8	12.3	260	.1	7.2	6.7	380	1.72	2.3	.3	<.5	1.0	31	.3	.1	.1	53	.32	.078	4	13.2	.27	74	.079	2	1.11	.025	.10	.1	.03	1.6	.1	<.05	5	<.5
STANDARD DS6	11.4	118.3	29.3	146	.3	25.4	10.5	711	2.89	21.0	6.4	43.4	2.9	37	6.0	3.1	4.8	55	.87	.088	14	186.4	.62	160	.076	17	2.06	.077	.16	3.4	.22	3.2	1.6	<.05	6	4.4

Sample type: SOIL PULP.

Data FA

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9001 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Almaden Minerals Ltd. PROJECT ELK05-4 File # A504816 Page 1

1103 - 750 W. Pender St., Vancouver BC V6C 2T8 Submitted by: Wojtek Jakubowski

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Ag** gm/mt	Au** gm/mt
SND05420-1	1.7	122.3	55.6	21	.8	.9	1.5	48	.82	39.0	6.7	151.1	9.6	7	.6	1.3	.5	3	.06	.022	15	1.6	.02	46	.001	1	.32	.018	.22	.2	.01	.7	.1	.79	1	<.5	<2	.70
SND05420-2	1.9	128.2	52.2	17	.4	.9	1.2	46	.75	32.4	7.4	63.6	10.0	8	.3	1.9	.1	3	.04	.016	16	2.2	.02	55	.001	5	.30	.021	.23	.1	.01	.8	.1	.56	1	<.5	<2	.08
SND05420-4(pulp)	20.9	55.3	432.7	33	5.1	1263.9	30.9	389	2.21	57.2	.5	35265.4	2.8	17	.1	.5	4.2	29	.47	.031	12	1847.5	.58	139	.042	8	1.04	.037	.30	13.3	.02	2.2	.1	.07	3	<.5	6	17.42
SND05420-5	1.4	7.6	96.4	73	.2	2.1	2.5	582	.74	4.4	8.4	30.3	10.6	16	1.0	.5	.2	4	.07	.027	25	3.2	.03	86	.002	4	.25	.026	.17	.1	<.01	.9	.1	.16	1	<.5	<2	.05
SND05420-6	1.6	58.4	81.1	33	.3	1.1	1.9	159	.80	17.3	5.8	14.2	10.4	9	.5	.3	.2	2	.07	.025	15	2.5	.02	97	.001	3	.28	.016	.22	.1	<.01	.6	.1	.68	1	<.5	<2	.03
SND05420-7	1.0	16.1	31.1	66	.1	.9	2.0	769	1.12	2.7	3.1	12.3	8.9	5	.4	.1	.1	6	.08	.028	22	2.0	.06	43	.011	<1	.27	.025	.15	.1	<.01	1.0	.1	.16	1	<.5	<2	.12
SND05420-8	1.5	33.5	46.2	56	.2	1.0	2.3	636	1.09	5.5	4.2	7.4	10.4	8	.5	.4	.1	3	.07	.026	18	1.6	.03	52	.003	3	.28	.019	.19	.1	<.01	.7	.1	.33	1	<.5	<2	.01
SND05420-9	1.6	8.0	51.1	76	.1	1.0	2.6	552	.82	5.1	6.3	27.4	9.9	6	.6	.2	.1	2	.07	.026	16	2.2	.02	56	.001	2	.28	.018	.23	.1	<.01	.7	.1	.32	1	<.5	<2	.05
SND05420-10	1.0	6.8	43.4	56	.4	.9	1.4	724	.87	1.4	4.4	55.5	9.1	6	.4	.2	.1	3	.07	.025	20	1.7	.03	53	.001	2	.26	.028	.19	<.1	<.01	.7	.1	.11	1	<.5	<2	.15
SND05420-11	1.1	18.9	66.6	73	.1	1.0	1.3	448	.78	4.5	2.8	4.8	8.5	8	.6	.3	.1	5	.09	.030	20	2.3	.04	66	.008	7	.25	.027	.18	.1	<.01	1.0	.1	.13	1	<.5	<2	.01
SND05420-12	1.3	13.2	34.4	63	.1	1.0	1.7	615	1.01	2.8	3.3	94.8	8.4	6	.2	.1	.1	4	.08	.027	36	2.2	.03	97	.004	6	.25	.028	.15	<.1	<.01	.8	.1	.19	1	<.5	<2	.02
SND05420-13	1.0	4.4	5.7	24	<.1	.8	2.5	421	.74	1.1	4.9	6.2	9.8	6	.1	.2	<.1	4	.08	.030	31	2.1	.04	43	.005	5	.25	.033	.16	.1	<.01	1.0	.1	<.05	1	<.5	<2	.02
SND05420-14	1.3	6.9	6.7	15	.2	.9	1.6	371	.81	2.5	2.8	187.2	9.9	8	.2	.5	<.1	6	.09	.028	25	2.9	.04	148	.008	1	.25	.034	.15	.2	<.01	.9	.1	.14	1	<.5	<2	.04
SND05420-15	1.5	6.3	5.9	24	.1	.7	2.4	926	1.19	4.9	3.5	3.5	8.4	4	.1	.1	<.1	6	.09	.029	18	2.3	.06	39	.007	5	.28	.026	.15	.1	.01	.9	.1	.18	1	<.5	<2	.01
RE SND05420-15	1.3	6.3	6.1	23	.1	.7	2.2	906	1.16	4.8	3.6	1.8	8.5	4	.1	.1	<.1	6	.09	.028	17	2.1	.06	38	.007	2	.27	.027	.15	.1	<.01	.9	.1	.21	1	<.5	<2	.01
RRE SND05420-15	1.4	6.6	5.8	24	.1	.9	2.2	896	1.20	4.9	3.4	2.3	9.2	5	.1	.1	<.1	6	.10	.027	19	2.0	.06	41	.008	1	.29	.028	.16	.2	<.01	1.0	.1	.14	1	<.5	<2	.01
SND05420-16	1.4	14.6	25.4	31	.2	.7	1.4	694	.98	2.6	2.9	34.3	8.1	6	.2	.3	.1	4	.08	.023	22	1.6	.03	107	.003	2	.21	.027	.11	.1	<.01	.8	.1	.16	1	<.5	<2	.05
SND05420-17	1.3	18.8	12.7	33	.2	.7	2.0	929	1.29	12.6	4.2	15.3	8.9	5	.2	1.0	.1	5	.09	.025	15	2.3	.06	74	.006	3	.31	.028	.18	.1	<.01	1.0	.1	.30	1	<.5	<2	.03
SND05420-18	1.6	30.7	61.5	35	1.0	.7	1.6	415	.81	20.9	3.8	404.3	9.6	6	.3	.4	.4	3	.08	.027	17	2.2	.02	33	.001	2	.27	.020	.21	.2	.01	.8	.1	.37	1	<.5	<2	.02
SND05420-19	1.1	31.8	73.1	35	2.0	.6	2.6	339	1.61	36.3	3.7	566.0	7.8	4	.6	.4	.8	2	.06	.023	12	1.6	.02	28	.001	4	.30	.013	.23	.2	.01	.6	.1	1.43	1	<.5	2	1.46
SND05420-22	2.7	16.7	51.3	12	.7	.9	2.8	50	.56	16.6	7.5	312.7	7.4	3	.3	3.1	.2	1	.05	.020	13	2.4	.01	29	<.001	4	.26	.009	.22	.1	<.01	.3	.1	.48	1	<.5	2	.92
SND05420-23	1.5	12.3	123.1	18	.3	.9	2.3	65	.45	7.7	8.1	44.0	9.4	10	.3	1.5	.1	2	.07	.023	19	1.7	.02	37	.001	5	.26	.018	.22	.1	.01	.6	.1	.25	1	<.5	<2	.23
SND05420-24	1.1	2.9	18.5	16	<.1	.9	1.0	299	.49	.8	3.0	.5	9.4	10	.3	.2	<.1	3	.08	.024	20	2.6	.01	402	.001	2	.22	.023	.16	.1	<.01	.7	.1	<.05	1	<.5	<2	.01
SND05420-25	1.4	28.8	33.0	26	.7	.9	2.2	723	1.32	13.0	3.5	62.2	8.1	4	.2	.2	.3	6	.08	.023	14	2.7	.08	46	.010	1	.34	.027	.19	.1	<.01	.9	.1	.33	1	<.5	<2	.26
SND05420-26	1.4	30.8	41.3	51	.7	.6	2.4	903	1.33	18.4	3.1	237.4	7.8	6	.5	4.8	.1	3	.07	.024	14	2.0	.03	74	.001	2	.28	.015	.22	.1	.01	.7	.1	.46	1	<.5	<2	.30
SND05420-27	2.2	115.3	366.4	831	4.1	.7	2.2	828	1.68	33.7	3.1	234.7	8.3	4	14.2	2.8	2.1	2	.06	.021	16	2.0	.03	37	.001	5	.31	.013	.25	.2	.06	.6	.1	1.15	1	<.5	6	.58
SND05420-28	1.5	17.7	44.1	80	.2	1.0	1.9	783	1.23	13.9	4.7	2.8	10.0	6	.4	1.0	.1	4	.08	.025	18	2.0	.05	40	.007	1	.31	.020	.22	.1	<.01	.9	.1	.33	1	<.5	<2	.02
SND05420-29	6.1	103.7	46.4	44	.7	.8	1.7	671	1.81	33.1	4.3	14.9	8.7	5	.6	1.8	.2	3	.07	.021	16	1.9	.05	49	.004	3	.29	.021	.21	.1	<.01	.7	.1	1.12	1	<.5	<2	.02
SND05420-30	2.8	114.1	23.4	229	1.1	.8	1.6	610	1.08	33.2	10.5	59.0	9.5	4	4.9	7.6	.4	1	.06	.023	17	2.1	.03	184	.001	2	.27	.013	.23	.2	.03	.6	.1	.59	1	<.5	2	.12
SND05420-31	1.5	7.7	5.6	30	.1	.9	2.0	757	1.01	1.1	4.4	2.0	9.1	5	.2	.3	<.1	4	.08	.025	23	2.6	.05	126	.004	2	.31	.028	.20	.1	<.01	.9	.1	.10	1	<.5	<2	.03
SND05420-32	2.6	113.1	76.6	76	4.1	.8	1.5	439	1.30	27.3	6.4	2277.1	8.2	3	2.1	8.0	1.5	1	.05	.020	14	2.3	.02	23	<.001	3	.27	.010	.23	.1	.02	.5	.1	1.01	1	<.5	4	1.23
SND05420-33	2.1	28.4	11.7	38	.4	.8	1.4	786	1.06	3.5	3.7	13.5	9.8	7	.3	5.9	<.1	4	.09	.024	25	1.9	.03	31	.002	2	.25	.027	.16	.1	<.01	.8	.1	<.05	1	<.5	<2	.02
SND05420-34	1.7	17.4	11.9	37	.2	.7	1.3	726	.97	1.3	3.0	2.2	9.4	7	.2	2.1	<.1	4	.09	.023	26	2.2	.04	36	.004	2	.24	.027	.15	.1	<.01	.8	.1	<.05	1	<.5	<2	.01
SND05420-35	2.3	8.0	17.5	44	.2	.9	1.8	469	.73	2.9	6.9	21.8	9.1	5	.8	1.5	.1	1	.06	.021	23	2.0	.03	68	<.001	2	.24	.020	.20	.1	.01	.6	.1	.08	1	<.5	<2	.03
STANDARD DS6/R-2a/DxL34	11.5	125.5	28.0	142	.3	24.8	10.7	719	2.86	21.0	6.3	48.5	3.0	39	6.0	3.0	4.7	56	.87	.078	13	191.0	.59	163	.078	17	1.94	.075	.17	3.2	.23	3.4	1.7	<.05	6	4.5	156	5.81

GROUP 1DX - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-MS.
(>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME MINERALS MAY BE PARTIALLY ATTACKED. REFRACTORY AND GRAPHITIC SAMPLES CAN LIMIT AU SOLUBILITY.
AG** & AU** BY FIRE ASSAY FROM 1 A.T. SAMPLE
- SAMPLE TYPE: DRILL CORE R150 Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data V FA ____ **DATE RECEIVED:** AUG 22 2005 **DATE REPORT MAILED:** Sept. 12/05

BRITISH COLUMBIA CERTIFIED ASSAYER
C. Leong
Clarence Leong

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Ag** gm/mt	Au** gm/mt
SND05420-36	2.1	3.2	7.2	43	<.1	1.0	1.6	619	.92	1.2	2.1	<.5	7.8	7	.3	.2	<.1	4	.09	.019	21	2.3	.04	274	.003	1	.29	.036	.18	<.1	<.01	.8	.1	.10	1	<.5	<2	.03
SND05420-37	1.9	6.6	37.0	83	.1	1.0	1.7	604	.94	3.7	2.5	32.0	9.8	10	.7	.2	<.1	4	.09	.021	20	1.8	.04	48	.005	<1	.28	.038	.16	.1	<.01	.8	.1	.10	1	<.5	<2	.03
SND05420-38	1.5	6.1	24.1	72	.1	.8	1.8	908	1.08	3.2	3.1	7.2	8.8	10	.3	.5	<.1	4	.09	.024	19	2.6	.05	50	.005	2	.29	.025	.20	.1	<.01	.7	.1	.13	1	<.5	<2	.03
SND05420-39	1.7	7.5	19.3	74	.1	.9	1.8	982	1.15	3.1	3.8	7.9	11.2	7	.3	.5	<.1	3	.08	.023	22	2.3	.05	48	.004	4	.32	.025	.24	.1	<.01	.8	.1	<.05	1	<.5	<2	.02
SND05420-42	1.5	5.7	9.7	32	.1	1.0	1.6	721	1.00	6.2	3.3	2.6	9.7	7	.1	.3	<.1	3	.08	.022	19	1.8	.03	146	.004	5	.27	.034	.16	.1	<.01	.7	.1	.14	1	<.5	<2	.01
SND05420-43	4.0	12.2	11.9	19	.2	.9	1.2	474	.66	3.2	9.0	17.8	9.2	7	.2	2.4	<.1	1	.05	.013	20	3.7	.02	189	<.001	7	.29	.007	.24	.1	<.01	.4	.1	.10	1	<.5	<2	.04
SND05420-44	2.7	8.4	8.3	19	.1	.7	1.5	356	.75	1.4	3.5	5.3	9.2	7	.2	1.3	.1	<1	.06	.016	29	2.3	.04	191	.001	2	.24	.031	.22	.1	<.01	.6	.1	.12	1	<.5	<2	.01
SND05420-45	1.9	5.4	4.4	23	.1	.8	1.4	327	.74	4.3	3.0	22.5	9.7	6	.3	1.5	.1	1	.05	.014	26	2.9	.03	95	.001	5	.25	.033	.22	.1	<.01	.6	.1	.14	1	<.5	<2	.05
SND05420-46	2.1	1.6	3.0	93	<.1	1.0	4.6	1344	3.44	.8	1.9	<.5	6.5	19	.3	.3	<.1	18	.37	.098	21	2.7	.27	530	.002	4	.37	.025	.26	<.1	.01	1.7	.1	<.05	2	<.5	<2	.02
SND05420-47	3.2	4.6	7.8	76	.1	1.2	6.8	1377	3.18	.8	1.9	4.0	6.7	13	.2	.5	.2	26	.33	.097	15	2.8	.36	530	.029	1	.54	.033	.30	.1	.01	4.2	.1	<.05	3	<.5	<2	.02
SND05420-48	1.6	194.8	64.4	178	2.3	1.3	5.9	646	2.74	48.8	7.2	1714.0	4.9	14	3.2	1.8	.8	6	.21	.074	11	2.0	.12	40	.001	2	.48	.012	.34	.2	.03	1.5	.1	1.80	1	<.5	3	3.35
SND05420-49	2.4	2.3	2.1	36	<.1	.6	1.5	793	1.41	.5	2.7	6.4	10.2	15	.2	.2	<.1	3	.10	.028	50	2.1	.07	361	.001	9	.28	.023	.22	<.1	<.01	.7	.1	<.05	1	<.5	<2	.02
SND05420-50	2.2	57.0	70.4	156	.8	1.3	6.4	1033	2.34	8.5	3.0	142.9	4.5	17	2.0	.6	.4	8	.27	.084	12	1.9	.13	321	.001	5	.44	.022	.28	.2	.03	2.7	.1	.41	1	<.5	<2	.21
SND05420-52	2.0	499.7	39.1	116	5.6	1.9	5.7	495	2.23	28.0	2.6	2296.2	5.5	25	1.5	1.4	2.6	11	.24	.084	12	2.0	.08	95	.002	2	.62	.017	.31	.1	.01	2.8	.3	1.45	2	<.5	5	5.30
SND05420-54	2.5	100.7	16.5	364	1.1	1.9	5.6	1459	2.74	32.6	7.1	204.5	4.7	85	3.8	8.9	.2	10	.19	.073	12	2.1	.08	301	.001	1	.58	.010	.26	.1	.02	3.6	.3	.73	1	<.5	<2	.18
SND05420-55	3.4	132.1	3.6	52	.2	1.3	6.6	844	2.91	13.0	2.5	124.7	6.0	13	.1	.8	.6	32	.34	.078	21	2.9	.31	148	.079	1	.80	.040	.36	<.1	<.01	4.2	.4	.40	4	<.5	<2	.59
SND05420-56	1.9	27.8	8.7	79	.3	2.4	6.9	1075	2.58	10.1	4.5	46.1	6.0	11	1.3	.4	.5	18	.26	.073	17	2.2	.17	88	.023	2	.62	.030	.27	<.1	.01	4.3	.3	.19	2	<.5	<2	.06
SND05420-57	2.3	20.4	5.2	87	.1	2.0	6.0	924	2.54	27.6	2.9	7.2	4.2	25	.8	1.1	.1	26	.47	.073	12	2.2	.30	152	.078	<1	.83	.037	.40	<.1	.01	3.6	.2	.07	3	<.5	<2	.02
SND05421-1	2.7	531.0	39.1	71	14.3	.9	3.0	26	2.77	117.8	10.5	4659.8	6.6	1	2.2	152.0	4.8	1	.01	.006	6	1.7	.01	18	.001	<1	.30	.004	.25	.2	.30	.4	.1	3.31	1	<.5	14	6.17
RE SND05421-1	2.8	529.4	41.7	76	18.8	.9	3.1	25	2.77	123.0	10.1	9568.6	6.5	1	2.1	153.0	5.0	<1	.01	.005	6	1.8	.01	18	.001	<1	.30	.004	.25	.1	.35	.4	.1	3.21	1	<.5	13	8.70
RRE SND05421-1	2.7	473.4	42.8	63	13.6	1.2	3.2	31	2.88	119.7	10.4	4193.2	6.7	1	2.0	126.0	4.9	1	.02	.005	6	1.9	.01	19	.001	3	.35	.005	.27	.2	.32	.4	.1	3.32	1	<.5	16	10.60
SND05421-2	2.2	422.8	54.3	53	17.5	1.2	3.1	28	2.74	119.2	14.8	8118.0	7.1	2	1.5	90.0	4.7	1	.02	.006	6	2.0	.01	21	.001	<1	.34	.005	.27	.2	.28	.3	.1	3.20	1	<.5	14	20.00
SND05421-5	1.2	302.5	35.3	17	4.3	1.1	2.2	54	1.76	60.4	7.1	1558.3	8.0	5	1.7	2.1	1.2	1	.05	.016	11	2.3	.02	30	.001	<1	.32	.010	.25	.2	.03	.5	.1	1.79	1	<.5	4	2.03
SND05421-6	1.2	266.7	70.6	28	3.0	1.3	2.1	354	2.15	26.6	3.5	4308.6	7.8	5	.5	3.0	9.0	1	.05	.019	9	2.2	.02	41	.001	2	.34	.012	.25	.2	.10	.7	.1	1.83	1	<.5	4	16.61
SND05421-7	1.3	53.3	60.0	38	.9	1.5	2.3	247	.82	13.4	9.0	155.0	9.6	7	.8	9.9	.2	2	.05	.020	18	2.4	.02	54	.001	4	.33	.015	.25	.2	.03	.7	.1	.52	1	<.5	<2	.26
SND05421-8	1.1	14.8	43.7	7	.2	.7	.9	72	.54	4.4	4.1	26.9	8.0	12	.5	1.5	.1	2	.07	.024	17	2.2	.01	75	.001	1	.30	.022	.17	.1	.02	.7	.1	.21	1	<.5	<2	.10
SND05421-9	.8	15.4	138.7	6	.3	7.4	6.4	58	.55	7.9	21.0	182.0	1.5	11	.3	2.6	.2	2	.02	.005	6	6.7	.02	73	<.001	7	.26	.003	.17	.1	.01	.7	.1	.25	1	<.5	<2	.11
SND05421-10	1.0	5.4	47.1	43	.1	1.0	2.0	146	.43	2.6	7.7	28.0	8.0	5	.9	1.0	<.1	1	.04	.017	17	2.2	.01	27	<.001	7	.29	.010	.21	<.1	<.01	.6	.1	<.05	1	<.5	<2	.07
SND05421-11	1.2	4.7	18.7	22	<.1	.7	1.1	369	.79	1.3	3.2	3.3	9.8	9	<.1	.2	<.1	5	.08	.025	21	2.3	.05	67	.010	3	.32	.037	.17	.1	<.01	1.1	.1	<.05	1	<.5	<2	.02
SND05421-12	1.2	71.6	23.8	127	.2	8.9	9.1	1995	3.39	42.8	7.6	43.9	5.8	101	.9	1.1	.3	26	.17	.066	17	22.1	.09	128	.020	<1	.80	.014	.16	<.1	.01	4.1	.1	1.51	2	<.5	<2	.06
SND05421-13	1.1	14.3	10.9	25	.1	1.2	2.0	467	.84	3.7	4.3	10.3	10.8	10	.1	.3	.1	5	.09	.027	22	2.3	.05	73	.009	<1	.33	.039	.19	.1	<.01	1.0	.1	.16	1	<.5	<2	.02
SND05421-14	1.3	4.5	3.3	29	<.1	.6	1.7	521	.98	.9	3.7	2.1	11.4	6	.1	.1	<.1	7	.09	.025	20	2.2	.09	62	.019	1	.29	.039	.15	.1	<.01	1.1	.1	<.05	1	<.5	<2	.02
SND05421-15	1.1	19.3	13.1	32	.2	1.0	2.6	708	1.07	4.9	3.3	46.6	8.5	6	.4	.4	.1	4	.07	.023	17	2.0	.05	50	.004	2	.33	.035	.20	.1	<.01	.9	.1	.19	1	<.5	<2	.11
SND05421-16	1.5	17.2	14.4	37	.1	1.2	3.2	887	1.15	5.2	4.5	21.7	10.0	7	.2	.7	.1	3	.08	.024	16	1.8	.04	40	.001	2	.34	.027	.24	.1	.01	.8	.1	.23	1	<.5	<2	.04
STANDARD DS6/R	11.4	123.6	28.3	140	.3	24.6	10.6	708	2.83	20.8	6.3	44.5	2.9	38	6.0	3.0	4.2	56	.86	.078	13	188.8	.58	166	.077	16	1.91	.075	.15	3.2	.23	3.3	1.7	<.05	6	4.1	156	5.76

Standard is STANDARD DS6/R-2a/OxL34. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Ag** gm/mt	Au** gm/mt
SND05421-17	1.1	2.5	7.0	34	.1	.9	2.3	643	.94	1.2	4.4	68.8	10.2	7	.2	.1	.1	5	.09	.024	21	2.9	.04	38	.003	<1	.20	.035	.11	.1	<.01	1.0	.1	.07	1	<.5	<2	.06
SND05421-18	1.3	6.3	20.4	46	<.1	1.2	2.3	758	.96	2.0	4.8	3.5	9.7	8	.2	.4	<.1	3	.08	.022	20	2.2	.04	48	.004	<1	.22	.034	.14	<.1	<.01	1.0	.1	.06	1	<.5	<2	<.01
SND05421-19	.6	1.6	13.3	62	<.1	.9	1.7	903	1.03	.6	2.2	<.5	10.7	11	.4	.1	<.1	2	.07	.024	27	1.8	.04	1276	.001	4	.22	.023	.17	.1	<.01	.8	.1	<.05	1	<.5	<2	.06
SND05421-20	1.5	4.0	20.2	33	<.1	.7	1.4	458	.72	.6	3.6	1.1	11.5	10	.5	.2	.1	4	.08	.025	30	2.3	.03	50	.004	2	.18	.034	.10	.1	<.01	.8	.1	<.05	1	<.5	<2	<.01
SND05421-21	1.6	14.4	8.1	35	.1	.7	1.5	466	.91	1.7	2.7	13.7	8.6	6	.3	.2	<.1	7	.08	.022	20	2.6	.09	48	.015	<1	.29	.041	.14	.1	<.01	1.1	.1	<.05	1	<.5	<2	.04
SND05421-22	1.0	6.7	8.4	23	.1	.6	1.5	414	.87	3.9	3.3	36.1	9.4	5	.1	.2	<.1	6	.07	.022	20	2.0	.08	43	.013	<1	.26	.031	.15	.1	<.01	1.0	.1	.13	1	<.5	<2	.05
RE SND05421-22	.9	6.8	8.1	22	.1	.5	1.6	411	.86	3.8	3.0	25.0	8.4	5	.1	.2	<.1	5	.07	.022	20	1.7	.08	46	.013	<1	.25	.031	.15	.1	<.01	1.1	.1	.13	1	<.5	<2	.04
RRE SND05421-22	1.3	8.7	8.5	23	.1	.6	1.6	424	.90	3.8	3.5	34.0	8.9	5	.1	.2	<.1	5	.07	.023	20	2.1	.08	45	.013	1	.28	.035	.15	.1	<.01	1.1	.1	.12	1	<.5	<2	.03
SND05421-25	1.3	18.4	47.0	23	.2	.7	1.0	266	.50	2.0	4.2	62.8	8.8	8	.3	1.3	<.1	3	.06	.023	21	1.7	.02	50	.001	<1	.21	.023	.15	<.1	<.01	.7	.1	<.05	1	<.5	<2	.17
SND05421-26	1.2	18.0	64.6	44	.1	.8	1.0	247	.54	2.1	3.5	3.1	9.9	9	.6	1.3	<.1	4	.08	.025	25	1.9	.03	41	.004	<1	.26	.028	.16	.1	.01	.9	.1	<.05	1	<.5	<2	<.01
SND05421-27	2.2	111.4	245.5	41	16.0	.7	3.2	397	1.93	50.5	4.1	409.1	9.2	5	1.2	8.3	12.9	1	.05	.017	11	1.9	.02	25	.001	<1	.24	.009	.19	.1	.02	.5	.1	1.73	1	<.5	21	1.38
SND05421-28	.9	68.8	64.8	46	.4	.7	2.2	450	1.18	37.1	3.9	153.6	8.8	8	.6	1.5	.2	1	.06	.023	17	1.7	.03	46	.001	<1	.27	.022	.20	.1	<.01	.7	.1	.71	1	<.5	<2	.11
SND05421-29	.9	22.0	71.0	47	.2	.9	1.4	338	.71	5.6	4.6	2.4	10.4	13	.4	5.8	.1	4	.08	.024	20	1.6	.04	52	.007	<1	.25	.029	.14	.1	<.01	.9	.1	.07	1	<.5	<2	.05
SND05421-30	1.0	9.2	49.5	55	.1	.6	1.1	447	.76	2.2	3.1	1.3	9.8	10	.3	1.0	.1	3	.07	.024	21	2.2	.03	41	.003	1	.24	.032	.14	.1	<.01	.8	.1	<.05	1	<.5	<2	.01
SND05421-31	1.2	11.4	60.6	50	.2	.8	1.6	451	.78	3.2	10.1	2.0	9.4	7	.4	1.9	.1	1	.07	.021	24	1.7	.03	31	<.001	2	.22	.017	.16	<.1	<.01	.7	.1	.08	1	<.5	<2	<.01
SND05421-32	2.4	564.2	162.4	128	6.5	7.0	11.0	688	6.48	80.8	10.9	468.8	9.6	7	2.2	15.4	3.2	2	.06	.018	12	1.7	.05	28	.002	<1	.24	.019	.16	.2	.02	.7	6.1	5.61	1	<.5	9	.32
SND05421-33	1.2	17.1	49.1	109	.2	.8	1.6	744	1.07	12.2	3.6	5.3	10.1	4	.8	1.1	.1	3	.07	.023	17	2.4	.04	76	.002	<1	.22	.017	.19	.1	.01	.7	.1	.21	1	<.5	<2	<.01
SND05421-34	1.3	68.4	64.5	65	.5	.7	1.7	727	1.72	20.9	3.2	27.1	10.7	6	.4	.7	.2	5	.08	.025	21	2.7	.07	85	.011	<1	.28	.025	.19	.1	<.01	1.0	.1	.81	1	<.5	<2	.04
SND05421-35	1.5	36.7	18.0	42	.2	.8	1.8	684	1.19	11.4	3.9	11.0	10.3	6	.3	.2	.1	4	.09	.027	20	2.1	.06	230	.006	<1	.25	.027	.17	.1	<.01	.9	.1	.35	1	<.5	<2	.02
SND05421-36	1.6	110.1	88.1	71	.9	.8	2.7	798	2.31	48.2	3.5	76.4	8.8	5	.8	.2	.5	3	.13	.040	14	2.6	.05	78	.002	1	.29	.019	.21	.1	<.01	.9	.1	1.57	1	<.5	<2	.29
SND05421-37	1.5	44.3	52.3	293	.4	.6	1.7	598	1.16	19.2	4.1	79.8	9.4	5	7.3	.5	<.1	2	.08	.026	17	2.1	.04	81	.002	<1	.24	.022	.21	.1	.02	.8	.1	.58	1	<.5	<2	.06
SND05421-38	1.5	23.0	9.7	48	.1	.8	1.9	896	1.36	1.5	3.4	8.7	10.5	6	.2	.1	.1	7	.11	.028	28	2.3	.09	76	.008	<1	.29	.034	.17	.1	<.01	1.1	.1	<.05	1	<.5	<2	.02
SND05421-39	1.3	13.8	11.7	48	.1	.8	1.6	798	1.29	1.7	4.7	.7	10.5	6	.1	.4	<.1	7	.11	.029	23	2.7	.11	71	.019	2	.29	.037	.15	.1	<.01	1.3	.1	<.05	2	<.5	<2	.01
SND05421-40	1.9	5.6	4.9	30	<.1	.8	1.6	639	1.15	<.5	4.1	<.5	11.4	7	.1	.3	<.1	7	.09	.026	23	2.3	.11	81	.024	4	.29	.045	.17	.1	<.01	1.2	.1	<.05	2	<.5	<2	<.01
SND05421-41	1.2	18.9	39.4	50	.2	.7	1.8	490	.88	7.9	6.2	236.3	10.8	8	.4	1.7	.1	2	.07	.024	20	2.0	.03	49	.002	<1	.22	.025	.14	.1	<.01	.8	.1	.21	1	<.5	<2	.04
SND05421-42	1.4	21.7	38.8	51	.2	.9	1.7	478	.87	8.1	5.5	56.0	9.8	7	.4	3.9	.1	2	.07	.022	20	2.2	.03	39	.002	<1	.22	.028	.15	.1	<.01	.8	.1	.22	1	<.5	<2	.05
SND05421-45	1.4	23.1	23.0	29	.1	.7	1.5	319	.75	6.2	4.1	12.4	10.8	8	.3	.7	<.1	4	.09	.023	22	2.2	.05	46	.009	<1	.22	.032	.14	.1	.01	.9	.1	.14	1	<.5	<2	.01
SND05421-46	1.3	50.6	45.1	57	2.6	.7	2.2	564	1.07	11.7	4.0	4151.4	11.2	6	.4	8.7	.9	2	.08	.020	17	1.9	.04	38	.002	2	.26	.027	.19	.1	.01	.8	.1	.32	1	<.5	2	1.45
SND05421-47	1.2	18.1	25.9	61	.1	1.1	1.6	613	1.07	6.9	4.1	15.7	10.2	6	.5	1.8	.1	5	.09	.021	20	3.1	.04	38	.005	<1	.20	.030	.15	.1	<.01	1.0	.1	.28	1	<.5	<2	.06
SND05421-48	1.5	5.0	19.2	51	.1	1.1	1.5	573	.96	2.1	5.7	18.9	10.2	7	.2	.8	.1	3	.09	.021	23	2.5	.04	250	.003	2	.22	.035	.16	.1	<.01	.9	.1	.07	1	<.5	<2	.01
SND05421-49	1.7	26.6	20.7	60	1.1	.7	1.9	775	1.22	4.8	2.8	29.4	10.5	6	.4	4.8	1.1	2	.08	.021	20	1.9	.03	59	.001	<1	.20	.029	.14	.1	.01	1.0	.1	.26	1	<.5	<2	.10
SND05421-50	1.5	3.3	16.3	97	.1	1.2	2.2	759	1.09	3.0	5.8	9.1	10.1	9	.6	.2	<.1	1	.07	.019	23	2.6	.05	80	<.001	4	.24	.020	.16	<.1	.01	.9	.2	<.05	1	<.5	<2	<.01
SND05421-51	1.8	2.9	11.1	72	<.1	1.0	1.5	717	1.03	.8	4.6	2.8	10.3	5	.2	.2	<.1	2	.07	.018	23	2.2	.05	51	<.001	1	.22	.019	.17	<.1	<.01	1.0	.1	<.05	1	<.5	<2	<.01
SND05421-52	1.3	13.0	16.5	41	.2	.9	1.6	706	.88	5.1	7.4	30.9	9.1	5	.3	1.0	.1	1	.07	.021	18	2.1	.03	154	.001	1	.26	.016	.20	.1	.01	.7	.1	.12	1	<.5	<2	.01
STANDARD DS6/R-	11.5	123.4	29.8	144	.3	24.7	10.8	712	2.82	20.9	6.8	51.6	3.0	40	6.0	3.2	5.1	56	.85	.077	14	181.9	.58	163	.083	15	1.91	.071	.15	3.3	.23	3.3	1.8	<.05	6	4.3	158	5.78

Standard is STANDARD DS6/R-2a/OxL34. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Ag** gm/mt	Au** gm/mt
SND05421-53	1.9	5.5	7.2	28	.1	.7	1.0	412	.71	1.4	3.4	12.1	10.3	7	.1	.6	<.1	3	.08	.022	22	1.4	.03	36	.003	<1	.23	.035	.13	.1	<.01	.7	.1	.08	1	.5	<2	.01
SND05421-54	1.4	19.9	21.2	50	.4	.9	1.6	793	1.06	9.7	3.2	29.6	9.4	6	.6	2.2	.1	2	.07	.020	19	1.5	.05	183	.001	<1	.25	.025	.16	.1	.01	.7	.1	.16	1	<.5	<2	.04
SND05421-55	1.6	5.0	48.9	128	.2	2.5	1.9	552	.78	3.9	4.9	122.2	12.4	13	.8	.4	.1	<1	.07	.021	23	1.9	.03	54	.001	2	.24	.020	.16	<.1	.01	.6	.1	.11	1	<.5	<2	.06
SND05421-56	1.7	6.9	29.3	114	.1	1.0	2.4	689	1.09	6.4	5.6	17.3	10.1	9	.5	.4	.1	1	.07	.019	19	1.6	.04	40	.001	1	.25	.025	.15	.1	.01	.7	.1	.15	1	<.5	<2	.04
SND05421-57	1.6	12.9	143.0	102	.3	.9	1.5	508	.96	11.0	3.4	52.5	11.7	10	1.0	.9	.1	4	.08	.024	22	1.8	.05	75	.010	1	.24	.028	.15	.2	.01	.8	.1	.24	1	<.5	<2	.20
SND05421-58	2.3	55.5	84.9	67	1.6	1.0	5.5	615	2.42	32.0	5.0	760.6	10.8	7	1.0	4.5	1.3	4	.08	.021	19	1.7	.05	47	.008	<1	.25	.037	.16	.1	.01	.8	.1	2.06	1	<.5	3	1.62
SND05421-59	1.7	13.0	9.5	52	.1	.7	2.0	835	1.43	6.7	3.2	43.5	10.2	8	.2	.7	<.1	8	.14	.040	19	1.7	.10	69	.022	2	.32	.037	.16	.1	<.01	1.3	.1	.18	2	<.5	<2	.08
SND05421-60	3.9	6.6	174.7	172	.4	1.4	2.9	1158	1.39	17.5	12.3	81.6	8.6	4	1.0	.4	<.1	1	.05	.018	18	1.6	.02	44	<.001	2	.25	.006	.23	.2	.01	.6	.1	.29	<1	<.5	<2	.12
SND05421-61	1.9	19.3	47.4	83	.2	1.1	2.2	515	.89	5.5	4.2	34.5	10.4	11	.4	.3	<.1	4	.08	.026	26	1.8	.03	40	.002	<1	.22	.029	.14	.2	<.01	.6	.1	.16	1	.5	<2	.04
SND05421-62	2.3	22.9	42.8	88	.1	.8	2.0	456	.89	6.7	3.8	9.4	11.1	13	.4	.3	.1	4	.09	.024	27	1.6	.04	47	.004	1	.24	.032	.14	.1	<.01	.9	.1	.20	1	<.5	<2	.03
SND05421-65	3.2	7.5	26.5	54	.1	.9	1.7	473	.92	2.9	3.4	65.9	11.6	10	.6	.2	<.1	4	.08	.021	27	1.5	.08	44	.018	1	.27	.036	.14	.2	.01	.8	.1	.13	1	.5	<2	.19
RE SND05421-65	3.3	7.3	28.6	56	.2	.8	1.8	480	.93	3.0	3.5	246.2	11.9	10	.6	.2	<.1	4	.08	.023	27	1.7	.08	47	.019	<1	.28	.034	.16	.2	<.01	.8	.1	.14	1	.5	<2	.20
RRE SND05421-65	2.9	8.3	29.0	56	.1	.8	1.9	511	.99	3.0	3.5	83.0	12.5	10	.5	.2	<.1	5	.08	.021	28	2.2	.08	49	.019	1	.31	.039	.16	.2	<.01	.9	.1	.11	1	<.5	<2	.14
SND05421-66	5.0	14.2	84.9	109	.9	1.2	2.9	460	.94	4.1	3.9	307.1	11.3	15	.6	.4	.4	2	.08	.016	28	1.7	.04	31	.002	3	.23	.031	.12	.1	<.01	.7	.1	.14	1	<.5	<2	.41
SND05421-67	2.4	7.4	8.7	44	.2	1.1	4.8	480	1.35	3.3	5.6	153.3	11.1	15	.1	.3	.1	10	.13	.039	48	1.5	.08	228	.010	4	.31	.033	.14	.1	.01	1.2	.1	.16	2	<.5	<2	.17
SND05421-68	12.6	11.2	33.6	75	.6	8.8	6.2	819	3.07	2.9	5.6	30.4	10.5	12	.2	1.0	.3	14	.24	.083	19	1.8	.21	995	.001	2	.27	.022	.17	.1	<.01	1.5	.1	.17	1	<.5	<2	.02
SND05421-69	18.4	19.1	22.5	45	1.2	1.3	8.7	750	2.15	7.0	10.9	729.9	5.5	19	.8	.6	.9	5	.21	.060	22	1.0	.16	537	<.001	2	.36	.012	.23	.1	<.01	1.5	.1	.29	1	.5	2	1.09
SND05421-70	2.4	5.8	7.5	43	<.1	.9	4.3	663	1.73	1.9	4.3	9.8	12.4	12	.5	.2	<.1	9	.19	.066	18	1.5	.12	59	.001	2	.28	.025	.17	.1	<.01	1.4	.1	.06	1	<.5	<2	<.01
SND05421-71	.7	2.5	4.4	34	.1	.9	4.0	514	1.45	<.5	4.0	2.8	5.7	32	.3	.2	.1	5	.74	.060	20	2.1	.25	1046	.001	3	.31	.018	.26	.2	.01	2.0	.1	<.05	1	.5	<2	.05
SND05421-72	2.4	36.5	22.4	82	.5	3.5	9.0	1571	3.54	5.5	2.4	140.9	5.9	21	1.1	.2	.4	17	.36	.116	17	1.8	.23	456	.004	2	.47	.026	.29	.1	.01	5.1	.2	.22	1	<.5	<2	.18
SND05421-73	1.7	16.1	48.5	63	.4	1.9	7.2	1039	2.24	6.1	7.3	267.2	12.1	9	.4	.2	.2	10	.22	.062	13	1.4	.11	280	.002	1	.39	.027	.24	.1	.01	3.0	.1	.50	1	<.5	<2	.36
SND05421-74	1.6	11.1	6.0	53	.1	1.4	4.9	1081	2.64	2.2	3.1	127.5	7.3	14	.1	.2	<.1	23	.33	.090	16	2.1	.17	254	.008	<1	.50	.033	.21	<.1	<.01	4.2	.1	.14	2	<.5	<2	.20
SND05421-76	3.4	342.0	43.0	35	3.5	2.1	5.0	655	3.09	43.3	4.1	510.4	7.5	6	.5	.2	1.9	4	.21	.079	9	1.3	.09	61	.001	3	.55	.013	.39	.2	.01	1.6	.1	2.49	1	<.5	5	.73
SND05421-78	5.0	252.9	80.3	217	3.2	45.4	18.0	2743	5.61	58.6	8.2	263.7	7.0	37	2.5	.4	1.6	9	.34	.113	12	13.6	.14	38	.001	2	.51	.007	.32	.2	.02	2.9	.1	2.56	1	<.5	4	.38
SND05421-79	2.0	15.4	5.9	47	.2	9.3	5.9	1054	2.02	3.4	3.6	63.6	7.6	18	.6	.1	.1	5	.23	.085	22	1.4	.14	701	.001	2	.46	.021	.31	<.1	.01	2.4	.1	.21	1	<.5	<2	.09
SND05421-80	1.3	101.6	10.6	42	.6	4.1	5.0	1320	2.86	28.9	4.1	122.4	7.5	12	.3	.1	.3	11	.26	.081	16	1.6	.15	163	.008	<1	.50	.019	.31	.1	.01	2.9	.4	.83	1	<.5	2	.20
SND05421-81	2.1	11.9	4.2	47	.1	2.8	5.1	1445	2.86	2.3	2.3	13.6	6.1	14	.2	.1	<.1	14	.28	.078	17	1.5	.14	752	.002	2	.40	.023	.25	.1	<.01	3.6	.1	.11	1	<.5	<2	.02
SND05421-82	1.5	9.1	4.3	43	.2	2.9	5.2	1222	2.61	3.0	2.1	138.0	5.5	17	.2	.1	<.1	14	.29	.088	15	1.4	.15	651	.007	2	.41	.028	.24	.1	<.01	3.6	.1	.23	2	.5	<2	.10
SND05421-85	11.2	7.5	2.9	35	.2	6.1	5.5	1365	2.63	1.7	1.7	79.7	5.5	15	.1	.1	<.1	17	.27	.081	16	1.8	.15	91	.016	3	.51	.030	.25	.1	<.01	4.1	.2	.24	2	<.5	<2	.16
SND05421-86	3.0	4.8	5.6	38	.1	11.5	7.9	1647	2.94	4.0	2.5	34.1	6.0	13	.1	.1	<.1	12	.25	.079	17	1.4	.11	76	.002	1	.42	.026	.26	<.1	.01	3.6	.4	.36	1	<.5	<2	.04
SND05421-87	1.7	6.6	1.5	36	<.1	10.2	7.4	1299	2.83	1.8	1.2	56.1	4.8	12	.1	.1	<.1	27	.30	.091	17	1.8	.19	102	.039	4	.55	.035	.28	<.1	<.01	3.9	.2	.26	2	<.5	<2	.01
SND05421-88	4.1	7.0	34.0	76	.1	7.0	7.0	527	1.62	5.6	5.7	64.1	4.7	10	.7	.2	.1	10	.21	.073	13	1.6	.06	164	.001	2	.38	.032	.19	<.1	.01	2.1	.5	.64	1	.6	<2	.08
SND05421-89	2.2	26.7	99.2	51	.4	6.2	6.7	323	1.15	15.0	6.4	84.4	7.4	13	1.3	.2	.1	7	.21	.076	20	1.2	.04	110	.001	3	.40	.024	.24	<.1	.01	1.7	.4	.55	1	<.5	<2	.21
SND05421-90	2.8	52.1	178.6	170	1.0	3.5	7.8	522	1.46	29.7	8.7	171.5	7.6	8	3.9	.4	.4	6	.20	.081	16	1.6	.06	180	.001	1	.37	.024	.29	<.1	.01	1.6	.2	.71	1	<.5	<2	.16
STANDARD DS6/R-	11.3	122.6	29.4	142	.3	24.3	10.7	713	2.81	21.2	6.5	45.1	3.0	40	6.0	3.3	5.0	55	.85	.078	14	154.2	.58	164	.081	17	1.91	.072	.16	3.2	.22	3.4	1.7	<.05	6	4.1	158	5.81

Standard is STANDARD DS6/R-2a/OxL34. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Ag** gm/mt	Au** gm/mt
SND05421-91	2.2	18.6	13.9	98	.2	4.4	5.5	1412	2.60	4.8	14.9	3.5	7.1	9	.7	.2	<.1	15	.23	.077	22	2.2	.10	137	.001	2	.35	.027	.19	<.1	<.01	3.5	.4	.15	1	<.5	<2	.01
SND05421-92	2.8	20.1	91.5	224	.4	2.9	7.8	1374	2.81	15.7	11.3	41.4	6.4	18	4.3	.8	.1	15	.26	.078	18	1.9	.17	400	.001	2	.37	.021	.18	.2	<.01	3.3	.2	.38	1	<.5	<2	.10
STANDARD DS6/R-2a/AU-1	11.5	124.2	27.9	139	.3	24.5	10.5	707	2.83	21.1	6.3	50.2	2.9	39	6.2	3.3	4.1	56	.86	.079	13	185.4	.58	165	.078	17	1.90	.073	.15	3.3	.23	3.3	1.7	<.05	6	4.3	158	3.36

Sample type: DRILL CORE R150.

Data ✓ FA ___

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9001 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Almaden Minerals Ltd. PROJECT ELK05-4 File # A504817

1103 - 750 W. Pender St., Vancouver BC V6C 2T8 Submitted by: Wojtek Jakubowski

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm
SND05420-51	5.6	1348.3	3195.7	6206	60.8	1.9	3.9	38	4.09	163.2	3.1	18635.0	.3	6	92.3	23.4	15.8	1	.02	.002	1	4.0	.01	8	.001	1	.14	.002	.09	.2	.46	.3	.1	4.71	1	<.5
SND05420-53	2.2	1502.3	34.0	135	10.7	2.3	5.5	40	3.54	105.0	2.1	1594.0	6.0	6	2.1	1.5	1.7	3	.18	.065	6	2.6	.02	24	.001	2	.38	.004	.28	.4	.02	.9	.1	3.80	1	<.5
SND05421-75	2.1	1397.1	291.7	79	15.6	2.2	9.1	659	6.40	189.5	6.1	6817.4	4.7	4	2.8	.9	3.9	5	.20	.059	6	2.5	.11	8	.001	1	.41	.009	.30	.2	.03	1.6	.1	6.18	1	<.5
SND05421-77	6.9	2053.4	211.3	226	>100	3.5	18.8	185	20.87	953.1	1.8	94039.0	.2	1	4.6	1.4	29.4	<1	.01	.001	<1	2.7	.01	2	<.001	<1	.04	.001	.03	.1	.14	.1	.1	>10	<1	1.2
STANDARD DS6	11.6	125.6	30.2	150	.4	25.5	11.1	703	2.87	22.3	6.5	47.5	2.9	37	6.0	3.0	4.9	61	.88	.083	16	185.2	.59	166	.090	19	1.98	.073	.15	3.4	.23	3.6	1.7	<.05	6	4.6

GROUP 1DX - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-MS.
(>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME MINERALS MAY BE PARTIALLY ATTACKED. REFRACTORY AND GRAPHITIC SAMPLES CAN LIMIT AU SOLUBILITY.
- SAMPLE TYPE: DRILL CORE M150

Data ✓ FA ____ DATE RECEIVED: AUG 22 2005 DATE REPORT MAILED: Sept. 9/05

BRITISH COLUMBIA CERTIFIED ASSAYER
Clarence Leong

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9001 Accredited Co.)

ASSAY CERTIFICATE

Almaden Minerals Ltd. PROJECT ELK05-4 File # A504817

1103 - 750 W. Pender St., Vancouver BC V6C 2T8 Submitted by: Wojtek Jakubowski

SAMPLE#	S.Wt gm	NAu mg	-Au gm/mt	TotAu gm/mt
SND05420-51	967	3.47	21.01	24.60
SND05420-53	989	.14	2.01	2.15
SND05421-75	1002	.38	7.14	7.52
SND05421-77	1053	7.42	96.71	103.76
STANDARD OxL34	-	<.01	5.84	5.84

-AU : -150 AU BY FIRE ASSAY FROM 1 A.T. SAMPLE. DUPAU: AU DUPLICATED FROM -150 MESH. NAU - NATIVE GOLD, TOTAL SAMPLE FIRE ASSAY.
- SAMPLE TYPE: DRILL CORE M150

Data / FA / DATE RECEIVED: AUG 22 2005 DATE REPORT MAILED: Sept 9/05

BRITISH COLUMBIA CERTIFIED ASSAYER
C.T
Clarence Leong

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9001 Accredited Co.)

ASSAY CERTIFICATE

Almaden Minerals Ltd. PROJECT ELK05-4 File # A504817

1103 - 750 W. Pender St., Vancouver BC V6C 2T8 Submitted by: Wojtek Jakubowski

SAMPLE#	S.Wt gm	NAg mg	-Ag gm/mt	TotAg gm/mt
SND05420-51	967	4.13	60	64
SND05420-53	989	<.06	11	11
SND05421-75	1002	.65	14	15
SND05421-77	1053	5.02	140	145
STANDARD R-2a	-	<.06	160	160

-AG : -150 AG BY FIRE ASSAY FROM 1 A.T. SAMPLE. DUPAG: AG DUPLICATED FROM -150 MESH. NAG - NATIVE SILVER, TOTAL SAMPLE FIRE ASSAY.
- SAMPLE TYPE: DRILL CORE M150

Data___ FA ✓ **DATE RECEIVED:** AUG 22 2005 **DATE REPORT MAILED:** Sept 9/05

BRITISH COLUMBIA CERTIFIED ASSAYER
Clarence Leong

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9001 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Almaden Minerals Ltd. PROJECT ELK05-4 File # A504818

1103 - 750 W. Pender St., Vancouver BC V6C 2T8 Submitted by: Wojtek Jakubowski

SAMPLE#	Au* ppb	Sample gm
SND05420-3	1.2	30
SND05420-20	2.5	30
SND05420-21(pulp)	9298.2	15
SND05420-40	3.2	30
RE SND05420-40	1.9	30
RRE SND05420-40	1.9	30
SND05420-41(pulp)	33709.3	15
SND05421-3	6.1	30
SND05421-4(pulp)	9525.0	15
SND05421-23	7.5	30
SND05421-24(pulp)	33384.4	15
SND05421-43	4.9	30
SND05421-44(pulp)	34261.0	15
SND05421-63	6.3	30
SND05421-64(pulp)	10264.6	15
SND05421-83	2.5	30
SND05421-84(pulp)	35160.4	15
STANDARD AU-R	452.6	30

GROUP 3A - IGNITED 30 GM SAMPLE LEACHED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 600 ML, ANALYSED BY ICP-MS.
UPPER LIMITS - AU* = 100 PPM.
- SAMPLE TYPE: DRILL CORE R150 Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data Lg FA ____ DATE RECEIVED: AUG 22 2005 DATE REPORT MAILED: Sept. 9/05

BRITISH COLUMBIA CERTIFIED ASSAYER
Clarence Leong

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9001 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Almaden Minerals Ltd. PROJECT ELK05-5 File # A505256 Page 1

1103 - 750 W. Pender St., Vancouver BC V6C 2T8 Submitted by: Wojtek Jakubowski

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Ag** gm/mt	Au** gm/mt
SND05422-1	1.1	227.2	43.8	52	2.5	1.2	2.0	569	1.77	105.6	4.2	281.6	10.3	5	1.0	2.2	1.6	2	.07	.022	12	2.7	.04	42	.002	2	.33	.020	.29	1.4	.02	.6	.1	1.24	1	<.5	3	1.85
SND05422-2	1.7	154.1	43.9	41	1.1	1.3	1.7	365	1.86	75.3	8.0	46.0	8.5	5	.6	.5	.4	1	.07	.018	7	3.5	.03	26	.001	3	.31	.007	.30	.5	.01	.4	.1	1.67	1	<.5	<2	.15
SND05422-3	1.4	68.3	41.2	60	.5	1.3	2.2	596	1.78	11.1	16.6	115.8	9.6	6	.6	14.5	.2	3	.07	.023	17	3.5	.05	36	.003	3	.30	.020	.21	.2	.02	.8	.1	1.09	1	<.5	<2	.22
SND05422-4	3.1	678.3	438.0	104	8.4	1.5	3.1	702	2.99	52.8	6.7	7067.9	7.9	7	3.1	9.6	4.5	2	.05	.018	13	2.7	.02	44	.001	3	.31	.015	.24	.2	.08	.6	.1	2.74	1	<.5	8	7.57
SND05422-5	1.1	1126.8	186.2	73	16.7	1.5	2.9	618	2.41	23.2	3.4	27079.0	8.6	5	1.5	1.8	7.5	3	.08	.020	11	3.2	.05	80	.002	2	.28	.014	.23	.2	.14	.7	.1	1.55	1	<.5	10	17.80
SND05422-6	1.3	39.1	7.0	36	.1	1.1	1.8	956	1.32	3.1	3.6	26.2	9.9	6	.2	2.5	.1	6	.09	.025	20	2.8	.07	43	.008	1	.32	.035	.20	.2	.01	1.1	.1	.12	1	<.5	<2	.03
SND05422-7	1.1	87.3	85.7	129	.7	1.1	1.9	997	1.85	9.7	3.5	1261.0	9.8	8	.5	.5	2.2	4	.07	.021	16	2.1	.03	47	.002	1	.28	.030	.19	.1	.01	.8	.1	.78	1	<.5	<2	2.38
SND05422-8	1.3	59.9	69.3	78	1.9	1.1	1.7	738	1.24	4.2	3.1	732.7	10.8	10	.7	.3	.2	4	.07	.024	19	3.7	.03	63	.002	1	.29	.031	.18	.1	.01	1.1	.1	.25	1	<.5	<2	.72
SND05422-9	1.1	12.5	50.7	81	<.1	1.2	1.4	705	1.10	2.5	3.2	15.9	10.6	13	.6	.3	<.1	6	.07	.023	20	2.9	.03	98	.002	2	.31	.048	.16	.1	<.01	1.2	.1	.12	1	<.5	<2	.01
SND05422-10	1.2	12.9	48.3	78	.1	1.5	1.8	694	1.12	2.6	2.8	31.7	10.7	11	.4	.3	.1	5	.07	.022	19	2.9	.03	88	.003	2	.30	.046	.17	.1	<.01	1.1	.1	.17	1	<.5	<2	.03
SND05422-11	1.2	7.8	3.6	47	<.1	1.6	6.6	839	2.75	.8	1.6	4.0	6.1	29	.1	.1	.1	49	1.09	.079	20	4.8	.62	249	.159	1	1.07	.064	.48	.1	<.01	4.4	.2	<.05	6	<.5	<2	.01
SND05422-12(pulp)	14.5	293.2	315.9	361	4.6	194.6	23.7	517	3.40	198.4	3.1	8999.7	2.4	46	2.7	15.1	4.3	48	1.21	.043	6	339.2	.48	73	.034	3	1.03	.029	.36	5.6	.38	4.2	.6	1.44	4	1.5	5	10.08
SND05422-13	1.4	368.8	213.3	129	.9	1.3	2.8	856	4.88	33.4	5.3	222.1	10.3	6	2.4	.6	3.3	3	.09	.018	11	4.2	.05	39	.001	2	.31	.018	.22	.1	.01	.8	.1	3.53	1	<.5	<2	.27
SND05422-14	1.3	38.8	61.7	107	.1	1.2	2.1	888	1.46	2.9	3.3	9.4	11.9	9	.6	.3	.1	6	.08	.023	20	2.7	.05	61	.008	2	.30	.028	.21	.2	<.01	1.1	.1	.30	1	<.5	<2	.01
SND05422-15	1.3	31.9	49.8	59	.3	1.0	1.8	631	1.29	14.7	4.7	10.5	11.4	9	.5	.3	.1	4	.08	.023	19	3.8	.04	65	.004	3	.33	.031	.21	.1	<.01	1.0	.1	.43	1	<.5	<2	.03
SND05422-16	1.7	18.9	27.3	63	.8	1.3	2.5	856	1.29	5.3	11.2	340.5	12.1	8	.2	3.4	.3	5	.08	.027	19	3.1	.08	64	.013	1	.29	.040	.20	.1	.01	1.2	.1	.19	1	<.5	<2	.15
SND05422-17	1.5	103.6	76.6	111	.3	1.5	2.3	993	1.78	13.4	2.9	17.0	10.2	10	.6	.7	.3	4	.06	.022	18	2.5	.03	63	.002	1	.27	.018	.19	.4	<.01	.9	.1	.72	1	<.5	<2	.04
RE SND05422-17	1.4	103.7	72.8	111	.3	1.6	2.3	971	1.74	13.5	2.8	43.4	11.0	9	.6	.6	.3	4	.06	.021	16	2.9	.03	57	.002	1	.25	.017	.17	.4	<.01	.9	.1	.68	1	<.5	<2	.03
RRE SND05422-17	1.8	93.7	69.7	105	.2	1.4	1.9	926	1.63	11.1	3.2	8.4	10.0	10	.6	.6	.2	4	.06	.021	16	2.3	.03	60	.002	1	.28	.020	.19	.2	<.01	.9	.1	.54	1	<.5	<2	.08
SND05422-18	1.2	16.1	41.1	39	.2	1.1	1.3	374	.76	2.4	3.2	5.3	11.2	14	.4	3.1	.1	4	.07	.026	19	2.6	.04	113	.006	2	.28	.031	.19	.1	<.01	.9	.1	.06	1	<.5	<2	.02
SND05422-19	9	8.1	94.0	132	.2	6.9	5.9	1543	1.76	12.2	23.9	44.0	8.1	31	.6	1.1	.1	6	.15	.051	24	5.3	.05	1024	.001	4	.31	.013	.17	.2	<.01	1.8	.1	.11	1	<.5	<2	.04
SND05422-20	.7	3.8	89.2	110	.2	2.9	6.2	598	.96	4.4	15.4	84.0	7.4	16	1.0	.4	<.1	3	.07	.013	18	2.7	.04	514	<.001	3	.29	.016	.14	.2	<.01	1.1	.1	<.05	1	<.5	<2	.02
SND05422-21	1.2	10.3	143.0	123	.3	2.9	4.0	987	1.34	2.1	7.9	37.2	12.1	17	1.2	.3	.1	3	.08	.023	19	2.5	.03	71	.001	3	.25	.026	.13	.1	<.01	1.4	.1	.09	1	<.5	<2	.06
SND05422-22	1.2	4.0	109.9	114	.2	1.7	2.6	826	1.09	1.7	5.2	.5	10.6	35	.5	.2	.1	3	.06	.017	15	2.1	.03	123	.001	2	.30	.023	.14	.2	.01	1.1	.1	<.05	1	<.5	<2	.01
SND05422-23	1.4	16.3	123.5	128	.4	2.1	4.3	863	1.27	8.2	9.4	7.8	9.9	37	.7	.3	.1	4	.06	.018	12	2.2	.03	137	.001	2	.37	.026	.14	.1	<.01	1.4	.1	.11	1	<.5	<2	.01
SND05422-24	1.0	3.2	70.5	141	.1	1.7	3.1	1013	1.41	1.3	6.0	1.9	10.6	18	1.6	.2	.1	3	.06	.017	20	2.0	.04	76	.001	2	.24	.025	.12	.2	<.01	1.2	.1	<.05	1	<.5	<2	.01
SND05422-25	.9	25.1	98.0	139	.5	1.8	2.3	709	1.04	4.5	8.2	21.7	7.2	11	1.2	.8	.1	2	.05	.011	16	2.7	.03	48	<.001	4	.22	.013	.13	.1	.01	.8	.1	<.05	1	<.5	<2	.11
SND05422-26	1.3	10.6	88.2	171	.3	1.8	3.3	996	1.40	10.3	7.1	116.3	10.1	16	1.2	.2	.1	2	.06	.015	15	1.7	.03	49	<.001	2	.27	.015	.19	.1	<.01	.9	.1	.24	1	<.5	<2	.16
SND05422-27	2.0	33.8	65.0	128	.4	1.2	2.0	740	1.26	11.7	4.8	6.3	11.0	14	1.2	.3	.2	3	.09	.025	21	2.7	.04	65	.002	2	.28	.027	.17	.3	<.01	1.2	.1	.24	1	<.5	<2	.01
SND05422-28	1.3	40.2	90.4	87	.5	1.4	2.5	472	1.10	22.7	8.1	22.5	9.8	12	1.6	1.3	.1	2	.08	.021	17	2.4	.03	80	.001	3	.25	.019	.18	.1	<.01	.8	.1	.45	1	<.5	<2	.03
SND05422-29	1.4	95.9	92.4	79	.6	1.5	2.1	732	1.76	37.8	6.1	54.6	8.1	5	.8	2.1	.3	1	.06	.020	11	2.8	.04	125	.001	2	.30	.011	.27	.2	<.01	.7	.1	.84	1	<.5	<2	.16
SND05422-30	1.2	84.2	78.8	90	.5	1.4	2.4	748	1.76	39.3	7.0	25.7	8.9	4	.8	2.4	.3	1	.06	.020	11	3.0	.04	154	.001	1	.30	.011	.27	.7	<.01	.7	.1	.89	1	<.5	<2	.13
SND05422-31	1.2	6.7	3.6	47	<.1	1.9	6.8	800	2.76	.9	1.7	3.5	5.2	21	.1	.1	<.1	51	1.03	.081	19	3.6	.62	272	.185	2	1.07	.066	.51	.1	<.01	3.7	.3	<.05	5	<.5	<2	<.01
SND05422-32(pulp)	14.9	288.8	320.8	359	4.7	187.5	22.2	511	3.36	196.8	3.8	9986.4	2.3	47	2.8	14.6	4.3	47	1.19	.042	6	325.9	.48	71	.035	3	1.02	.031	.35	5.4	.39	4.2	.7	1.38	4	1.3	7	9.95
STANDARD DS6/R-2a/OxL34	11.4	122.1	29.3	143	.3	24.3	10.5	701	2.80	21.1	6.5	45.5	2.9	40	5.9	3.1	5.0	55	.85	.079	14	181.8	.57	163	.081	17	1.89	.071	.16	3.3	.23	3.3	1.7	<.05	6	4.2	157	5.74

GROUP 1DX - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-MS.
(>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME MINERALS MAY BE PARTIALLY ATTACKED. REFRACTORY AND GRAPHITIC SAMPLES CAN LIMIT AU SOLUBILITY.
AG** & AU** BY FIRE ASSAY FROM 1 A.T. SAMPLE.
- SAMPLE TYPE: DRILL CORE R150 Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data f FA ____ DATE RECEIVED: SEP 2 2005 DATE REPORT MAILED: Sept 22/05

BRITISH COLUMBIA CERTIFIED ASSAYER
Clarence Leong

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Ag** gm/mt	Au** gm/mt
SND05422-33	1.4	232.6	85.2	79	1.8	1.1	1.8	550	2.12	46.7	4.8	365.3	7.1	4	1.4	22.6	.5	2	.06	.019	10	2.5	.05	82	.001	1	.33	.014	.28	.1	.01	.6	.1	1.44	1	<.5	2	.35
SND05422-34	1.3	24.1	20.8	59	.5	1.0	1.8	771	1.14	6.2	3.1	517.2	9.7	9	.3	1.1	.1	3	.08	.023	19	3.8	.04	202	.002	2	.29	.030	.21	.1	.01	.9	.1	.19	1	<.5	<2	.09
SND05422-35	1.7	56.6	92.2	83	.7	1.0	3.2	587	1.71	35.1	3.9	29.1	7.2	5	.4	.6	.3	2	.05	.019	9	2.2	.03	43	.001	2	.34	.009	.31	.2	<.01	.6	.1	1.19	1	<.5	<2	.05
SND05422-36	1.4	44.1	14.5	73	.3	1.3	2.5	1342	1.79	15.5	5.0	8.1	9.0	6	.5	1.5	.1	4	.09	.023	23	3.1	.06	76	.006	2	.29	.031	.21	.1	.01	.9	.1	.37	1	<.5	<2	.04
SND05422-37	1.3	60.6	56.6	60	1.9	.8	2.5	510	1.40	23.1	4.2	225.5	9.2	6	1.0	5.8	1.0	2	.06	.022	16	2.3	.04	44	.001	1	.30	.026	.24	.1	.01	.7	.1	.64	1	<.5	2	.32
SND05422-38	1.4	42.3	21.2	43	.6	1.2	4.0	622	1.45	15.7	2.8	20.9	9.6	7	.3	.2	.5	3	.07	.021	16	3.5	.03	39	.002	1	.29	.023	.22	.1	<.01	.7	.1	.76	1	<.5	<2	.08
SND05422-39	1.3	5.8	14.2	25	<.1	1.0	1.1	251	.63	.5	2.5	4.4	7.5	15	.1	.2	<.1	3	.08	.020	23	2.9	.04	86	.011	1	.30	.051	.18	.1	<.01	.9	.1	<.05	1	<.5	<2	.01
SND05422-40	9.7	35.7	126.6	160	1.3	1.4	4.3	1017	2.09	87.8	5.5	397.8	8.7	4	.9	.5	.6	2	.06	.016	13	3.5	.04	33	.001	1	.30	.017	.23	.2	<.01	.6	.1	1.17	1	<.5	<2	.61
SND05422-41	2.3	9.9	35.7	105	.3	.9	2.4	665	1.17	13.5	3.5	109.7	10.2	10	.4	.7	.1	3	.09	.024	18	2.5	.04	52	.002	2	.27	.039	.19	.1	<.01	.9	.1	.30	1	<.5	<2	.10
SND05422-42	3.3	9.6	92.6	175	.6	1.5	3.6	1031	1.38	8.3	6.1	78.8	12.2	21	1.5	.3	.1	3	.09	.021	23	4.4	.04	132	.001	2	.28	.028	.17	.4	<.01	.9	.1	.15	1	<.5	<2	.13
SND05422-43	2.1	31.9	61.0	82	.4	.9	1.9	496	1.21	9.0	3.5	132.5	11.0	12	.5	.4	.2	3	.08	.020	23	2.0	.05	56	.007	1	.29	.039	.18	.1	<.01	.8	.1	.49	1	<.5	<2	.51
SND05422-44	1.5	6.6	11.3	50	.1	1.3	6.0	900	2.29	2.4	4.4	11.3	9.7	22	.1	.1	<.1	32	.64	.074	19	3.9	.45	200	.093	1	.73	.052	.40	.1	<.01	3.3	.2	<.05	4	<.5	<2	.02
SND05422-45	1.6	19.7	46.7	40	1.3	1.4	7.8	798	2.00	4.3	5.8	2073.2	12.0	38	.2	.2	.7	12	.99	.062	25	2.4	.28	70	.002	3	.44	.030	.26	.3	.01	2.5	.1	.23	2	<.5	<2	1.61
SND05422-46	4.1	338.1	239.6	204	5.8	31.4	15.9	2349	4.98	62.2	6.4	1195.8	4.1	42	4.4	4.1	1.8	10	.67	.101	9	11.6	.22	18	.002	3	.45	.009	.31	.2	.03	4.4	.1	2.46	1	<.5	9	1.83
SND05422-47	6.2	73.4	229.4	135	.7	2.9	6.0	1742	3.05	20.4	5.6	94.0	5.1	12	2.3	.3	.2	10	.27	.072	18	2.5	.12	140	.001	3	.62	.021	.45	.3	.01	3.6	.2	.89	2	<.5	<2	.14
SND05422-48	4.5	50.6	62.2	92	.2	1.0	3.1	1097	2.28	23.1	4.0	36.5	5.2	17	.8	.2	.2	6	.22	.061	15	2.5	.11	295	.001	2	.35	.024	.27	.1	<.01	2.4	.2	.39	1	<.5	<2	.03
SND05422-49	2.3	88.2	250.1	155	4.4	1.4	3.2	254	2.96	85.9	4.0	2032.5	3.4	5	2.3	.3	1.3	1	.09	.027	7	2.4	.03	42	<.001	1	.34	.010	.31	.3	.01	.7	.1	3.00	1	<.5	5	1.91
SND05422-50	2.1	153.1	493.4	217	4.7	1.5	5.1	172	3.64	138.5	8.3	1569.6	3.5	6	3.8	.5	3.2	1	.09	.030	5	2.8	.03	26	<.001	2	.34	.007	.31	.2	.02	.7	.1	3.90	1	<.5	7	2.32
SND05422-51	1.2	2.0	5.4	36	<.1	1.0	2.4	550	1.39	1.1	3.9	7.3	11.7	8	<.1	.1	.1	16	.25	.034	25	6.6	.24	80	.086	<1	.44	.068	.28	.1	<.01	1.7	.2	<.05	3	<.5	<2	.01
SND05422-52(pulp)	23.3	57.5	409.5	33	4.8	1190.2	31.4	406	2.30	57.9	.5	32409.4	3.6	19	.1	.5	5.1	32	.48	.033	14	1660.7	.60	150	.045	4	1.00	.041	.27	13.7	.01	2.4	.1	<.05	3	<.5	6	34.37
SND05422-53	.8	291.5	222.3	83	17.2	1.4	2.6	299	2.45	59.1	4.0	7972.3	3.1	3	1.4	.3	5.8	1	.05	.020	5	3.3	.03	29	<.001	2	.31	.006	.30	.2	.02	.6	.1	2.32	1	<.5	21	17.93
SND05422-54	1.0	73.2	29.1	38	.3	1.0	1.9	575	1.86	24.0	2.0	28.6	4.8	7	.2	.2	.3	4	.12	.032	13	2.3	.07	55	.001	3	.31	.038	.22	.1	<.01	1.3	.2	.54	1	<.5	<2	.05
SND05423-1	1.2	28.9	30.1	18	1.2	1.2	1.9	477	1.18	21.5	2.6	63.8	10.9	4	.2	.1	.8	5	.08	.022	17	4.7	.08	118	.005	1	.32	.021	.21	.1	<.01	.9	.1	.38	1	<.5	<2	.16
SND05423-2	1.6	20.2	25.9	34	.2	1.3	1.6	549	.95	16.3	2.7	7.3	9.9	5	.3	.1	.1	5	.08	.021	19	3.2	.05	152	.006	1	.29	.028	.22	.1	<.01	.9	.1	.16	1	<.5	<2	.01
SND05423-3	1.5	11.4	7.4	19	.1	.7	2.0	471	.99	5.4	3.1	39.2	12.0	5	.1	.1	.1	5	.10	.026	21	3.4	.08	69	.005	2	.33	.030	.20	.1	<.01	1.0	.1	.11	1	<.5	<2	.12
SND05423-4	11.7	7.3	3.3	13	.1	.8	2.1	566	1.09	.5	2.6	4.7	10.4	6	<.1	.1	.1	3	.12	.022	28	2.4	.09	60	.001	1	.27	.037	.16	.1	<.01	.7	.1	<.05	1	<.5	<2	.03
SND05423-5	2.0	42.0	4.6	35	.3	1.5	5.7	1572	2.52	8.7	3.2	78.5	7.4	49	.2	.1	.2	25	1.97	.078	16	2.8	.47	114	.042	1	.80	.026	.34	<.1	<.01	3.5	.1	.41	3	<.5	<2	.09
SND05423-6	2.8	71.5	5.4	32	.8	1.4	5.3	1119	2.66	7.1	3.2	323.4	7.7	39	.1	.1	.3	27	1.56	.077	15	2.5	.41	111	.031	2	.93	.029	.33	<.1	<.01	3.5	.1	.62	4	<.5	<2	.38
SND05423-7	1.3	119.7	7.1	35	.2	1.3	4.7	991	2.29	4.9	1.9	76.5	6.9	43	.3	.1	.3	28	1.49	.087	14	2.5	.42	94	.020	2	.96	.022	.29	<.1	<.01	3.4	.1	.37	4	<.5	<2	.10
SND05423-8	1.3	37.5	7.5	102	.3	9.9	8.6	2076	2.13	13.6	1.6	43.4	6.6	71	2.3	.1	<.1	14	4.32	.099	19	6.2	.38	88	.008	2	.78	.018	.42	.1	<.01	3.5	.1	.30	2	<.5	<2	.06
RE SND05423-8	1.3	33.2	7.2	100	.3	9.8	7.6	2003	2.05	12.1	2.2	52.7	6.2	67	2.2	.1	<.1	14	4.12	.092	18	6.2	.36	87	.008	1	.75	.017	.40	.1	<.01	3.3	.1	.28	2	<.5	<2	.05
RRE SND05423-8	1.6	26.9	7.1	92	.3	14.6	9.6	2324	2.30	12.5	1.9	34.6	5.0	79	1.8	.1	<.1	14	5.30	.106	13	8.9	.39	86	.009	2	.73	.015	.39	.1	<.01	3.6	.1	.28	2	<.5	<2	.04
SND05423-9	2.2	61.4	46.7	78	.6	2.6	5.2	1866	1.95	25.9	1.5	19.2	5.4	30	1.8	.1	.1	7	1.62	.083	11	1.2	.33	249	.003	1	.67	.010	.48	.7	<.01	2.3	.1	.42	2	<.5	<2	.04
SND05423-10	1.4	482.7	6434.7	8282	33.2	4.0	5.2	2745	3.53	86.2	3.7	8169.5	8.1	5	248.4	1.2	4.1	4	.33	.080	13	2.5	.12	58	.001	1	.46	.007	.36	.2	.15	1.8	.1	2.56	1	<.5	37	10.67
STANDARD DS6/R-2a/OxL34	11.3	122.9	29.7	143	.3	24.7	10.5	702	2.80	21.0	6.5	46.3	2.9	40	6.0	3.0	5.0	55	.85	.078	14	182.7	.57	164	.081	17	1.89	.071	.15	3.3	.22	3.3	1.7	<.05	6	4.1	160	5.70

Sample type: DRILL CORE R150. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data ___ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Ag** gm/mt	Au** gm/mt
SND05423-11	1.4	95.2	30.5	68	.7	3.8	8.1	1527	2.83	16.2	11.3	283.2	7.5	10	.7	.3	.5	14	.33	.085	18	2.9	.18	73	.012	2	.50	.016	.32	.5	<.01	3.4	.3	.78	2	<.5	<2	1.16
SND05423-12	3.8	520.3	31.1	52	10.3	2.0	9.4	1216	8.38	10.7	3.2	3133.6	4.5	7	.8	.1	.7	20	.37	.069	10	2.7	.25	31	.052	1	.54	.018	.40	.3	<.01	3.2	.3	5.32	2	<.5	14	4.34
SND05423-13	1.2	15.7	2.0	44	.1	1.3	5.5	798	2.59	2.2	3.8	34.5	7.5	15	.1	.1	.1	36	.57	.072	17	4.0	.47	193	.131	1	.77	.037	.46	.1	<.01	4.6	.2	.15	4	<.5	<2	.05
SND05423-14	3.5	100.7	2.9	31	.3	1.6	5.1	1307	2.37	7.7	4.3	11.6	6.7	15	.1	.2	.1	14	.66	.067	14	2.6	.25	82	.028	2	.53	.013	.37	.2	<.01	2.3	.2	.76	2	<.5	<2	.02
SND05423-15	2.0	15.7	2.6	48	.1	3.6	7.5	1176	2.52	1.5	2.5	4.0	6.8	11	.1	.1	<.1	32	.35	.087	20	3.9	.37	188	.105	1	.68	.025	.46	<.1	<.01	5.2	.2	.09	3	<.5	<2	<.01
SND05423-16	1.8	11.6	2.9	46	<.1	2.8	7.6	996	2.44	1.4	2.0	<.5	5.3	12	.1	.1	<.1	33	.34	.085	16	3.0	.39	199	.117	1	.69	.030	.47	<.1	<.01	5.1	.3	<.05	3	<.5	<2	.01
SND05423-19	1.7	5.6	1.5	38	<.1	1.7	6.6	911	2.66	.8	2.3	.7	8.0	23	<.1	.1	<.1	43	1.16	.080	15	5.5	.64	180	.132	1	.92	.038	.50	.3	<.01	5.5	.2	<.05	4	<.5	<2	.01
SND05423-20	.8	15.8	2.3	55	.1	2.9	8.0	1533	3.19	3.5	4.6	10.7	7.9	13	.3	.1	.1	34	.61	.084	16	3.4	.59	169	.081	<1	.97	.025	.43	.1	<.01	4.9	.2	.22	4	<.5	<2	.03
SND05423-22	1.3	394.8	872.8	179	6.7	4.3	7.9	1545	2.64	3.7	9.7	13.6	7.2	11	3.0	.4	9.2	18	.32	.064	21	5.4	.15	41	.005	1	.22	.018	.09	<.1	<.01	5.0	.5	.18	1	<.5	9	.06
SND05423-23	1.7	253.7	58.4	108	4.9	3.8	8.4	1825	3.95	38.8	6.2	2516.8	7.7	9	1.6	.2	.8	18	.33	.070	18	2.0	.24	56	.014	2	.43	.018	.24	.1	<.01	4.1	.3	.83	2	<.5	8	3.78
SND05423-24	2.7	233.1	25.9	56	1.7	1.7	5.9	1279	2.86	15.5	3.2	238.8	6.5	25	.5	.1	.4	7	.99	.067	15	2.9	.31	39	.001	1	.38	.016	.23	.2	<.01	2.7	.1	.39	1	<.5	3	.95
SND05423-25	2.4	270.3	19.4	51	1.2	2.0	7.0	1728	4.35	85.3	5.6	479.1	6.8	7	.6	.2	.8	5	.31	.080	12	2.0	.21	36	.001	1	.44	.009	.31	.2	.01	2.3	.1	2.57	1	<.5	<2	.49
SND05423-26	3.3	34.5	32.1	75	3.9	3.0	5.8	1755	3.28	31.3	3.1	2574.0	5.8	13	.2	.1	.3	14	1.08	.063	16	2.4	.25	53	.009	<1	.40	.019	.21	<.1	.01	3.6	.1	.47	1	<.5	<2	1.41
SND05423-27	2.8	18.3	34.2	117	.2	.7	3.0	866	1.64	3.1	6.6	20.5	18.1	15	1.0	.1	.1	11	.57	.040	21	5.1	.22	45	.010	<1	.43	.031	.19	.1	<.01	2.5	.1	.06	2	<.5	<2	.08
SND05423-29	2.0	13.7	12.1	73	.1	.8	4.5	903	2.17	3.9	3.0	3.4	8.6	17	.7	.1	.1	24	.61	.070	22	3.3	.38	132	.064	1	.61	.031	.31	<.1	<.01	3.6	.2	<.05	4	<.5	<2	<.01
SND05423-30	2.5	6.9	6.2	53	.1	1.0	2.5	568	1.84	1.8	2.4	24.1	8.7	7	.1	.3	<.1	9	.17	.037	19	2.8	.12	45	.015	<1	.23	.035	.12	.1	<.01	1.9	.1	.09	1	<.5	<2	.10
SND05423-31	2.3	23.1	8.1	36	.7	.8	3.4	529	2.07	6.5	2.7	215.0	11.4	9	.1	.1	.1	8	.23	.045	26	3.3	.16	96	.013	2	.30	.031	.17	.1	<.01	2.0	.1	.43	2	<.5	<2	.34
SND05423-32	4.2	9.7	30.8	349	.2	1.7	3.4	1072	2.44	.7	2.0	32.3	8.4	11	.8	.1	<.1	13	.25	.048	28	2.8	.15	295	.015	<1	.26	.033	.13	.1	<.01	3.2	.2	<.05	2	<.5	<2	.01
SND05423-33	7.7	35.0	14.7	69	1.8	.7	3.1	710	2.40	10.8	2.3	736.2	8.6	7	.2	.2	.3	8	.19	.044	22	4.0	.15	58	.019	1	.26	.027	.16	.2	<.01	2.7	.1	.52	2	<.5	3	.88
SND05423-34	2.0	32.6	10.3	60	.7	.9	1.8	591	2.10	10.1	1.6	781.6	5.0	7	.2	.2	.3	5	.17	.032	18	4.1	.12	41	.002	1	.22	.031	.14	.2	<.01	1.8	.1	.36	1	<.5	<2	.55
SND05423-35	5.1	30.7	4.9	39	.3	.9	1.3	564	1.76	5.6	1.7	265.8	5.7	6	.2	.2	.2	4	.14	.030	17	3.9	.10	36	.003	<1	.22	.026	.15	.2	<.01	1.4	.1	.24	1	<.5	<2	.22
SND05423-36	5.8	35.4	4.9	34	.7	1.0	1.3	535	1.71	5.3	2.0	92.3	5.0	6	.1	.2	.2	3	.14	.025	14	2.5	.10	42	.003	3	.24	.031	.16	.2	<.01	1.3	.1	.20	1	<.5	<2	.14
SND05424-1	1.2	49.7	38.6	47	1.6	.7	1.9	869	1.80	30.9	3.7	619.0	9.6	4	.5	.1	.5	3	.09	.022	14	3.7	.06	111	.001	<1	.19	.011	.15	.3	<.01	.8	.2	1.00	1	<.5	3	1.18
SND05424-2	1.0	6.0	9.0	25	<.1	.6	1.4	805	.92	1.2	2.8	1.3	10.0	5	.2	.1	<.1	4	.09	.024	21	2.8	.05	101	.001	2	.21	.018	.15	.1	<.01	.9	.1	<.05	1	<.5	<2	<.01
RE SND05424-2	1.1	6.4	9.4	26	<.1	.6	1.4	822	.94	1.4	2.6	<.5	10.2	6	.1	.1	<.1	4	.10	.023	23	2.2	.05	102	.001	<1	.21	.019	.16	.2	<.01	.9	.1	<.05	1	<.5	<2	<.01
RRE SND05424-2	1.1	6.6	11.0	28	.1	.4	1.4	826	.94	1.2	2.6	1.5	10.8	5	.2	.1	.1	4	.09	.024	22	4.3	.05	98	.001	<1	.19	.017	.14	.2	<.01	1.0	.1	<.05	1	<.5	<2	.04
SND05424-3	.9	21.3	30.5	45	.2	.7	1.6	769	1.37	61.4	4.0	22.5	10.5	5	.3	.2	.2	4	.10	.025	18	2.5	.05	295	.003	1	.25	.015	.18	.2	<.01	1.0	.3	.53	1	<.5	<2	.04
SND05424-4	1.2	28.8	40.2	76	.6	.5	1.7	609	1.45	15.3	2.3	172.5	10.8	5	.8	.2	.5	6	.11	.023	19	3.0	.07	96	.007	<1	.22	.024	.13	.1	.01	1.0	.1	.54	1	<.5	<2	.44
SND05424-5	.9	4.7	10.5	46	.1	.9	3.3	697	1.28	2.4	3.4	46.4	11.1	6	.2	.1	.1	3	.10	.023	19	2.5	.07	172	.001	1	.18	.025	.12	.1	<.01	1.0	.3	.28	1	<.5	2	.03
SND05424-6	2.5	37.2	4.4	35	.2	1.0	4.8	1277	2.24	4.2	4.1	92.5	5.7	25	.1	.1	.2	21	.78	.078	20	3.1	.43	100	.029	2	.48	.019	.28	.1	<.01	3.4	.1	.19	2	<.5	<2	.18
SND05424-7	1.4	13.6	23.6	198	.2	1.3	6.5	1223	2.44	7.1	2.7	41.6	6.5	14	5.3	.1	.2	26	.40	.078	19	2.7	.38	146	.053	1	.59	.024	.30	<.1	.01	3.8	.1	.34	3	<.5	<2	.10
SND05424-8	3.1	21.1	8.2	57	.2	11.9	10.5	1387	2.55	17.2	4.3	161.9	5.2	22	.7	.1	.1	14	1.93	.096	21	6.8	.21	122	.021	1	.56	.014	.37	<.1	<.01	3.0	.1	.41	2	<.5	<2	.30
SND05424-9	.9	64.7	4.0	38	.2	3.4	7.7	991	2.40	6.1	1.9	7.3	5.2	15	.1	.1	.1	27	.61	.081	14	2.4	.31	164	.073	<1	.67	.032	.39	<.1	<.01	3.5	.2	.28	3	<.5	<2	.04
SND05424-10	1.4	86.2	2060.2	245	2.8	3.2	8.0	1347	4.13	41.9	4.6	1190.3	5.3	8	6.1	1.8	.3	5	.48	.072	11	2.7	.13	35	.001	2	.34	.008	.26	.3	.01	2.1	.1	2.38	1	<.5	3	2.20
STANDARD DS6/R	11.4	122.3	29.8	141	.3	24.8	10.6	704	2.80	21.0	6.5	44.9	2.9	40	6.1	3.1	5.0	55	.85	.079	14	184.1	.57	166	.081	18	1.90	.073	.15	3.3	.23	3.2	1.7	<.05	6	4.6	159	5.73

Standard is STANDARD DS6/R-2a/OxL34. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data (FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Ag** gm/mt	Au** gm/mt
SND05424-11	5.0	23.0	4.1	60	.2	16.4	7.9	1072	3.14	4.1	2.8	133.1	8.5	36	.1	.2	.1	44	1.27	.084	21	13.4	.63	342	.144	3	1.04	.065	.53	.1	<.01	4.1	.2	.26	5	<.5	<2	.04
SND05424-12	2.8	25.9	7.4	48	.1	26.5	7.9	1588	2.82	7.1	2.6	12.5	6.5	34	.1	.1	.1	45	1.89	.082	13	50.4	.75	162	.095	2	1.13	.036	.49	.2	<.01	4.5	.2	.36	4	<.5	<2	.02
SND05424-13	2.2	101.5	1052.5	1001	3.0	4.1	7.0	1341	3.22	20.9	3.3	1958.1	9.0	28	35.0	.6	1.8	26	1.07	.078	18	4.7	.48	177	.058	2	1.13	.041	.64	.1	.01	3.8	.3	.76	3	<.5	<2	.50
SND05424-14	2.5	109.0	12.3	56	.7	3.7	7.7	1625	3.86	8.6	3.6	454.6	7.8	27	.5	.2	.1	20	1.12	.077	12	6.6	.39	119	.041	2	.80	.020	.48	.1	<.01	3.1	.2	1.52	3	<.5	<2	.38
SND05424-15	1.3	32.7	10.1	53	.2	2.8	10.3	1846	2.95	8.9	4.9	49.5	7.1	15	.2	.1	.1	33	.43	.107	18	3.1	.32	166	.047	2	.86	.030	.45	<.1	<.01	6.1	.3	.54	3	<.5	<2	.04
SND05424-16	3.3	648.1	11.5	63	6.7	3.5	5.9	1312	5.57	45.9	4.8	11852.6	5.5	6	.7	.5	10.3	9	.28	.067	12	3.6	.15	43	.006	2	.54	.009	.36	.4	<.01	2.4	.4	3.92	1	<.5	10	22.05
RE SND05424-16	3.5	646.9	11.5	62	6.0	3.3	5.5	1309	5.56	45.9	4.5	9904.4	5.7	6	.7	.4	10.1	9	.27	.067	12	4.2	.15	41	.006	2	.53	.009	.37	.4	<.01	2.2	.4	3.77	2	<.5	7	21.20
RRE SND05424-16	2.9	407.1	10.6	59	4.4	3.8	6.6	1233	5.55	42.2	4.5	7392.8	5.9	5	.5	.3	9.4	9	.25	.065	13	6.4	.15	44	.005	2	.59	.011	.40	.4	<.01	2.0	.4	3.75	1	<.5	10	14.44
SND05424-17	1.5	11.5	12.3	60	.1	2.7	6.7	1430	2.71	2.3	6.0	77.2	10.1	14	.3	.1	.1	21	.42	.079	21	4.7	.24	79	.020	2	.56	.032	.30	.1	<.01	4.5	.4	.07	2	<.5	<2	.06
SND05424-18	3.5	65.8	2.8	33	.6	2.3	5.7	1270	2.85	221.6	3.7	46.2	8.0	24	.1	.3	.1	33	1.26	.071	14	4.9	.46	119	.094	1	.91	.044	.59	.4	<.01	4.2	.4	.47	4	<.5	<2	.12
SND05424-19	3.0	102.2	7.2	34	.8	3.8	6.4	1245	3.78	264.4	3.3	172.9	7.0	22	.1	.4	.1	31	1.20	.066	13	5.6	.45	103	.091	2	.94	.045	.57	.2	<.01	3.8	.4	1.59	4	<.5	<2	.31
SND05424-22	2.6	35.4	9.1	28	.3	1.5	4.5	1464	2.55	28.0	3.9	9.6	9.2	21	.1	.1	.1	21	1.07	.072	16	2.6	.34	98	.058	1	.79	.032	.51	.2	<.01	3.9	.2	.49	3	<.5	<2	.03
SND05424-23	2.9	49.3	2.6	28	.4	4.0	11.1	1301	3.18	26.8	6.9	63.2	8.1	14	.1	.1	<.1	18	.62	.066	12	4.0	.30	85	.047	2	.70	.028	.43	.2	<.01	3.4	.4	1.04	2	<.5	<2	.06
SND05424-24	2.8	22.4	6.8	37	.2	2.2	5.3	1338	2.34	31.1	3.8	37.0	8.6	20	.3	.1	<.1	26	.76	.078	18	5.1	.39	116	.078	2	.80	.048	.49	<.1	<.01	4.0	.2	.10	4	<.5	<2	.10
SND05424-26	2.8	7.4	1.9	30	<.1	1.8	5.3	956	2.37	.5	3.4	1.1	8.2	21	<.1	.1	<.1	35	.82	.071	20	4.9	.48	138	.113	<1	.84	.068	.43	<.1	<.01	4.8	.2	<.05	4	<.5	<2	<.01
SND05424-27	4.0	37.1	21.8	105	.7	1.4	5.4	1234	2.35	36.0	3.7	544.1	7.3	16	1.5	.2	.1	26	.57	.091	18	2.7	.36	103	.063	2	.80	.034	.52	.1	<.01	4.1	.2	.19	3	<.5	<2	.66
SND05424-28	2.2	37.7	5.3	34	.4	2.2	5.0	1538	2.27	4.4	3.3	2.3	6.3	38	.1	.1	.1	27	1.91	.082	16	4.1	.51	97	.070	1	.88	.035	.48	.1	<.01	3.8	.2	<.05	3	<.5	<2	.01
SND05424-29	2.1	13.0	6.7	43	.1	2.6	6.7	1378	2.49	3.5	3.5	17.4	7.6	22	.2	.1	<.1	28	.76	.084	24	3.6	.35	151	.071	6	.63	.046	.37	<.1	<.01	5.2	.3	.13	3	<.5	<2	.01
SND05424-30	2.7	64.9	45.5	108	4.8	1.7	5.7	1070	2.81	14.9	3.1	4799.8	5.7	11	3.2	.1	1.5	4	.34	.030	14	5.6	.15	50	.001	7	.39	.038	.21	.1	<.01	2.0	.1	1.17	1	<.5	5	5.41
STANDARD OS6/R-2a/OxL34	11.3	122.1	29.1	141	.3	24.2	10.5	699	2.78	20.8	6.5	46.0	2.9	40	6.0	3.2	5.0	54	.84	.078	13	177.4	.57	161	.081	18	1.89	.073	.14	3.3	.22	3.3	1.7	<.05	6	4.2	158	5.75

Sample type: DRILL CORE R150. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data ___ FA ___

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(If 001 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Almaden Minerals Ltd. PROJECT ELK05-5 File # A505257

1103 - 750 W. Pender St., Vancouver BC V6C 2T8 Submitted by: Wojtek Jakubowski

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm
SND05423-21	2.0	221.2	32.9	84	>100	2.5	13.4	740	7.56	189.5	4.3	31394.0	3.1	5	1.3	.4	12.8	5	.21	.049	7	2.9	.14	24	.001	<1	.29	.008	.18	.4	.01	1.3	.2	7.04	1	<.5
SND05423-28	3.2	294.2	1338.7	955	13.3	1.7	4.0	636	2.12	234.9	2.5	6668.2	4.2	4	19.7	.8	2.0	2	.20	.036	6	4.2	.08	85	.002	3	.57	.007	.34	.3	.02	.8	.1	1.61	1	<.5
SND05424-25	2.0	321.6	257.1	20	45.1	1.9	5.6	553	4.77	1382.3	4.2	55102.2	5.9	5	.5	1.5	35.6	3	.27	.058	7	4.1	.09	33	.002	2	.48	.007	.33	.4	<.01	.9	.1	4.59	1	<.5
STANDARD DS6	11.4	121.9	30.6	142	.3	24.5	10.6	703	2.81	21.1	6.9	46.0	3.1	40	6.0	3.5	5.2	55	.85	.078	14	185.5	.57	164	.081	18	1.89	.071	.14	3.4	.23	3.3	1.7	<.05	6	4.2

GROUP 1DX - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-MS.
(>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME MINERALS MAY BE PARTIALLY ATTACKED. REFRACTORY AND GRAPHITIC SAMPLES CAN LIMIT AU SOLUBILITY.
- SAMPLE TYPE: DRILL CORE M150

Data f FA ____ DATE RECEIVED: SEP 2 2005 DATE REPORT MAILED: Oct 3/05

BRITISH COLUMBIA CERTIFIED ASSAYER
Clarence Leong

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9001 Accredited Co.)

ASSAY CERTIFICATE

Almaden Minerals Ltd. PROJECT ELK05-5 File # A505257

1103 - 750 W. Pender St., Vancouver BC V6C 2T8 Submitted by: Wojtek Jakubowski

SAMPLE#	S.Wt gm	NAg mg	-Ag gm/mt	TotAg gm/mt
SND05423-21	914	8.77	117	126
SND05423-28	649	1.22	15	17
SND05424-25	1023	5.40	44	49
STANDARD R-2a	-	<.06	156	156

-AG : -150 AG BY FIRE ASSAY FROM 1 A.T. SAMPLE. DUPAG: AG DUPLICATED FROM -150 MESH. NAG - NATIVE SILVER, TOTAL SAMPLE FIRE ASSAY.
- SAMPLE TYPE: DRILL CORE M150

Data___ FA VIN6 **DATE RECEIVED:** SEP 2 2005 **DATE REPORT MAILED:** Oct 3/05

BRITISH COLUMBIA CERTIFIED ASSAYER
Clarence Leong

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9001 Accredited Co.)

ASSAY CERTIFICATE

Almaden Minerals Ltd. PROJECT ELK05-5 File # A505257

1103 - 750 W. Pender St., Vancouver BC V6C 2T8 Submitted by: Wojtek Jakubowski

SAMPLE#	S.Wt gm	NAu mg	-Au gm/mt	TotAu gm/mt
SND05423-21	914	12.24	37.88	51.27
SND05423-28	649	.72	5.15	6.26
SND05424-25	1023	13.81	29.47	42.97
STANDARD OxL34	-	<.01	5.78	5.78

-AU : -150 AU BY FIRE ASSAY FROM 1 A.T. SAMPLE. DUPAU: AU DUPLICATED FROM -150 MESH. NAU - NATIVE GOLD, TOTAL SAMPLE FIRE ASSAY.
- SAMPLE TYPE: DRILL CORE M150

Data___ FA ✓ DATE RECEIVED: SEP 2 2005 DATE REPORT MAILED: Oct 3/05

BRITISH COLUMBIA CERTIFIED ASSAYER
Clarence Leong

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9001 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Almaden Minerals Ltd. PROJECT ELK05-5 File # A505258

1103 - 750 W. Pender St., Vancouver BC V6C 2T8 Submitted by: Wojtek Jakubowski

SAMPLE#	Au* ppb	Sample gm
SND05423-17	8.2	30
SND05423-18(pulp)	9877.3	15
SND05423-37	1.3	30
SND05423-38(pulp)	32044.9	15
SND05424-20	3.9	30
SND05424-21(pulp)	32590.8	15
STANDARD AU-R	453.5	30

GROUP 3A - IGNITED 30 GM SAMPLE LEACHED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG.C FOR ONE HOUR, DILUTED TO 600 ML, ANALYSED BY ICP-MS.
UPPER LIMITS - AU* = 100 PPM.
- SAMPLE TYPE: DRILL CORE R150

Data f FA ____ DATE RECEIVED: SEP 2 2005 DATE REPORT MAILED: Sept 16/05

BRITISH COLUMBIA CERTIFIED ASSAYER
Clarence Leong

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9001 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Almaden Minerals Ltd. PROJECT ELK05-6 File # A505548 Page 1

1103 - 750 W. Pender St., Vancouver BC V6C 2T8 Submitted by: Wojtek Jakubowski

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Ag** gm/mt	Au** gm/mt
SND05425-1	2.0	17.6	38.6	10	.2	1.5	.5	79	1.03	17.4	3.2	14.2	8.9	10	<.1	.4	.1	3	.02	.024	17	4.0	.02	81	.002	<1	.37	.018	.31	.1	.01	.7	.1	.21	1	<.5	<2	.02
SND05425-2	1.2	107.4	58.1	29	.5	1.5	1.4	345	1.63	25.5	4.5	692.6	10.9	9	.2	.8	.6	2	.04	.021	23	4.0	.04	81	.004	<1	.34	.023	.25	.2	.01	.9	.1	1.00	1	<.5	<2	2.11
SND05425-3	1.1	49.2	7.0	48	.4	.9	2.6	1000	1.30	8.5	3.0	571.8	9.8	4	.5	.2	.1	5	.08	.025	19	2.9	.08	51	.016	<1	.30	.031	.22	.1	.01	1.1	.2	.30	1	<.5	<2	.25
SND05425-4	1.3	133.9	135.5	37	15.6	1.2	2.9	449	2.18	797.5	5.2	13933.7	9.5	6	.6	1.4	3.8	1	.04	.020	11	3.4	.02	71	.001	1	.30	.016	.28	.2	.01	.7	.1	1.85	1	<.5	13	7.91
SND05425-5	1.2	67.6	64.9	34	.4	1.1	1.9	535	1.51	18.1	3.9	370.7	11.7	9	.4	.9	.7	3	.07	.022	18	3.0	.04	95	.003	<1	.35	.024	.24	.2	<.01	.8	.1	.57	1	<.5	<2	.77
SND05425-6	1.2	98.0	88.5	51	.7	1.1	2.6	631	1.87	34.6	4.6	659.5	11.1	8	.6	.8	1.0	2	.06	.022	15	4.5	.05	77	.004	<1	.33	.017	.25	.1	<.01	.8	.1	1.02	1	<.5	<2	.34
SND05425-7	1.4	104.0	146.6	37	1.5	1.2	2.9	616	2.00	41.3	3.7	721.9	10.1	7	.6	1.3	1.3	2	.06	.022	13	3.3	.03	68	.001	<1	.30	.015	.25	.1	.02	.7	.1	1.32	1	<.5	3	2.50
SND05425-8	1.1	151.9	134.9	45	.9	1.1	2.8	568	1.48	25.8	4.0	580.7	10.4	9	.4	1.5	.6	2	.06	.022	15	4.4	.03	89	.003	<1	.31	.021	.25	.1	.01	.8	.1	.81	1	<.5	2	.63
SND05425-9	1.1	71.0	216.6	40	19.4	1.4	2.9	485	1.94	37.5	3.4	2243.0	10.4	9	.3	1.3	2.0	2	.06	.023	14	4.4	.03	86	.002	<1	.30	.021	.23	.1	<.01	.8	.1	1.43	1	<.5	5	7.63
SND05425-12	1.3	22.6	32.1	45	.1	.8	1.3	277	.92	4.5	2.7	33.0	9.8	6	.3	.2	.1	5	.09	.026	29	4.2	.06	50	.012	<1	.30	.043	.18	.1	<.01	1.1	.1	.27	1	<.5	<2	.25
SND05425-13	2.2	92.1	154.5	67	2.3	1.1	2.9	376	1.75	57.5	3.4	289.7	11.0	7	.6	2.3	2.5	2	.08	.027	17	4.0	.02	122	.002	<1	.28	.030	.21	.1	<.01	.8	.1	1.26	1	<.5	4	1.13
SND05425-14	3.4	11.0	55.9	19	<.1	.9	1.8	135	.68	2.2	2.9	6.1	10.3	8	.3	.5	<.1	5	.10	.029	29	5.0	.06	63	.017	<1	.33	.039	.24	.1	.01	1.1	.2	.08	1	<.5	<2	.02
SND05425-15	2.2	33.1	255.0	127	.3	1.1	1.9	331	.62	6.2	13.5	72.2	13.5	28	.9	.9	.1	<1	.09	.009	29	3.1	.03	102	<.001	1	.29	.019	.19	.2	.02	.7	.1	.10	1	<.5	<2	.10
SND05425-17	2.3	15.7	86.7	106	.2	1.2	1.4	643	.97	5.9	7.3	200.3	10.9	15	1.0	.2	.1	<1	.06	.016	26	4.0	.03	62	<.001	2	.25	.024	.23	.1	.01	.6	.1	.15	1	<.5	<2	.18
SND05425-18	2.6	43.9	69.1	81	.3	.8	1.5	756	1.40	21.8	5.0	55.3	9.3	8	.5	1.4	.2	1	.06	.015	18	5.0	.04	61	.001	1	.27	.021	.23	.1	<.01	.5	.1	.40	1	<.5	<2	.09
SND05425-19	2.1	5.4	206.3	103	.2	1.3	2.5	501	.71	5.0	11.4	16.2	11.6	35	.3	.5	<.1	1	.08	.015	25	4.2	.03	1616	.001	4	.27	.029	.16	.1	<.01	.8	.2	.08	1	<.5	<2	.02
SND05425-20	2.8	51.4	183.5	22	.3	1.2	1.8	267	.68	18.6	6.1	15.3	10.3	17	.9	.7	.1	<1	.04	.014	22	3.3	.02	130	<.001	2	.25	.022	.23	.2	<.01	.4	.2	.32	1	<.5	<2	.02
SND05425-21	3.7	9.8	42.6	26	<.1	.9	1.0	222	.60	13.6	7.1	9.9	15.8	5	.1	.1	.1	<1	.05	.019	19	3.3	.02	107	.001	1	.33	.007	.35	.1	<.01	.4	.1	.23	1	<.5	2	.01
SND05425-22	1.8	550.8	286.3	151	.9	1.1	2.0	1034	2.06	41.4	8.7	280.0	10.8	11	1.9	4.7	.4	1	.04	.009	15	2.9	.03	32	<.001	<1	.26	.015	.21	.2	.02	.7	.1	1.01	1	<.5	2	.29
SND05425-23	1.4	79.4	161.4	248	<.1	2.2	8.2	1180	2.90	7.6	5.7	13.1	7.6	13	.9	.2	.1	33	.45	.082	22	2.9	.36	218	.085	2	.81	.038	.41	<.1	<.01	5.4	.3	.24	4	<.5	2	.01
SND05425-24	1.9	119.4	167.2	331	.9	2.3	8.7	937	3.90	34.0	3.0	678.7	6.5	9	1.2	.7	12.1	27	.27	.067	18	2.9	.29	64	.076	1	.66	.037	.37	.1	.01	3.7	.2	1.86	3	<.5	<2	1.25
SND05425-25	2.0	39.7	242.6	545	.3	2.7	12.9	1468	3.67	28.4	2.1	663.9	6.6	11	1.7	.6	1.1	30	.44	.073	22	3.2	.37	187	.087	1	.72	.034	.45	.1	<.01	4.6	.3	.66	3	<.5	2	.71
SND05426-1	1.1	155.1	40.8	88	1.0	.9	2.2	950	2.01	35.5	4.5	485.5	9.1	5	1.6	.2	.5	2	.07	.022	13	3.1	.05	41	.002	1	.31	.014	.27	.1	.01	.9	.1	1.17	1	<.5	<2	.63
SND05426-2	1.0	208.5	31.8	35	1.6	.9	2.6	655	2.39	52.6	3.4	529.0	9.0	3	.5	.3	1.7	2	.06	.022	14	3.6	.05	37	.002	2	.32	.013	.27	.1	.01	.7	.1	1.47	1	<.5	<2	.85
RE SND05426-2	1.0	207.1	31.4	34	1.3	1.1	2.4	647	2.37	52.8	3.4	242.7	9.1	3	.5	.3	1.8	2	.07	.021	13	3.5	.05	36	.002	1	.33	.013	.27	.1	<.01	.6	.1	1.45	1	<.5	<2	1.78
RRE SND05426-2	1.1	201.4	28.8	33	1.0	.9	2.3	637	2.36	53.9	3.7	378.1	9.3	3	.6	.3	1.7	2	.07	.022	14	3.6	.05	36	.003	<1	.31	.014	.27	.1	.01	.7	.1	1.47	1	<.5	<2	.66
SND05426-3	1.1	40.2	214.9	125	.4	1.1	3.2	473	1.04	469.7	60.2	66.0	10.8	7	1.9	.9	.2	2	.06	.028	21	3.1	.03	53	.001	1	.28	.018	.23	.1	.02	.8	.1	.53	1	<.5	<2	.10
SND05426-4	1.3	35.3	264.0	128	.4	.9	2.8	454	1.17	384.4	47.1	102.0	8.9	7	2.0	.9	.1	1	.06	.023	18	2.7	.03	48	.002	<1	.30	.019	.23	.1	.01	.8	.1	.60	1	<.5	<2	.13
SND05426-7	1.4	45.8	62.0	52	.4	.9	1.9	564	1.24	23.5	8.4	90.5	10.6	9	.5	1.9	.3	2	.07	.020	18	2.6	.03	196	.001	1	.26	.024	.17	.1	.01	.8	.1	.62	1	<.5	<2	.18
SND05426-8	14.8	2975.8	1519.3	153	>100	1.4	3.4	238	4.96	250.4	11.3	45822.6	5.2	9	10.0	23.9	36.6	<1	.03	.010	6	6.4	.01	13	<.001	1	.19	.010	.17	.1	.10	.4	.2	5.06	1	<.5	114	52.18
SND05426-9	1.3	957.2	153.3	127	3.6	1.0	1.8	584	2.89	75.5	4.3	567.3	10.2	3	1.8	.4	3.5	1	.06	.022	9	4.6	.03	31	.001	1	.31	.010	.26	.1	.01	.6	.1	2.53	1	<.5	6	.57
SND05426-10	1.7	741.5	133.2	47	2.9	.9	1.7	150	2.32	60.9	4.2	1224.3	9.7	2	1.6	.3	2.1	<1	.05	.021	7	3.9	.02	46	.001	1	.33	.006	.30	.2	.01	.4	.1	2.32	1	<.5	4	.51
SND05426-11	1.4	25.5	6.9	30	.1	1.1	1.8	626	1.27	6.2	3.3	51.8	11.1	5	.1	.1	.1	6	.08	.024	27	4.7	.09	171	.017	3	.29	.042	.20	.2	<.01	1.1	.1	.21	1	<.5	<2	.02
SND05426-12	2.0	88.2	15.4	243	1.3	1.6	3.4	420	1.43	25.7	7.9	1425.9	11.0	5	4.8	.4	1.6	3	.08	.024	38	3.6	.05	51	.008	1	.30	.031	.19	.1	.01	.9	.3	.55	1	<.5	<2	1.31
STANDARD DS6/R-2a/OxL34	11.7	126.8	30.2	145	.2	24.2	11.1	727	2.86	21.1	6.7	43.7	3.0	37	5.8	3.1	4.9	59	.82	.082	14	194.6	.60	161	.083	18	1.97	.075	.17	3.2	.22	3.6	1.7	<.05	6	4.3	163	5.80

GROUP 1DX - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-MS.
(>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME MINERALS MAY BE PARTIALLY ATTACKED. REFRACTORY AND GRAPHITIC SAMPLES CAN LIMIT AU SOLUBILITY.
AG** & AU** BY FIRE ASSAY FROM 1 A.T. SAMPLE.
- SAMPLE TYPE: DRILL CORE R150 Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data 1 FA ____ DATE RECEIVED: SEP 9 2005 DATE REPORT MAILED: Oct 5/05

BRITISH COLUMBIA CERTIFIED ASSAYER
C.L
Clarence Leong

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Ag** gm/mt	Au** gm/mt
SND05426-13	1.2	165.2	91.6	22	1.0	.9	1.8	51	1.15	23.3	5.6	286.2	11.3	6	.5	.3	1.1	3	.07	.026	15	1.7	.03	38	.002	2	.30	.015	.26	.1	<.01	.4	.1	1.08	1	<.5	2	.96
SND05426-14	2.2	25.7	8.6	39	.4	2.0	2.0	393	1.23	8.8	4.4	102.3	10.9	6	.1	1.1	7.6	9	.09	.032	58	3.2	.14	286	.026	2	.31	.033	.20	.1	<.01	1.0	.1	.28	2	<.5	2	.46
SND05426-15	1.6	29.1	32.6	67	.2	.8	1.7	677	1.00	9.2	3.5	6.1	11.0	7	.4	7.4	.1	3	.07	.023	15	2.6	.04	183	.001	5	.27	.020	.21	<.1	.03	.7	.1	.19	1	<.5	<2	.02
SND05426-16	1.5	64.6	61.3	71	.6	.7	1.8	745	1.49	24.8	3.3	33.8	9.7	5	.7	4.4	.4	3	.07	.022	13	2.7	.04	111	.002	1	.23	.018	.20	<.1	.03	.7	.1	.73	1	<.5	<2	.05
SND05426-17	2.4	38.4	106.7	75	.9	.8	2.3	720	1.33	9.9	6.7	19.6	11.0	8	.8	12.9	1.0	5	.09	.025	21	5.4	.06	105	.008	3	.26	.037	.16	.1	.02	.9	.1	.36	1	<.5	<2	.04
SND05426-18	1.2	93.3	53.7	70	.4	.9	1.6	647	1.12	13.8	6.4	3.5	11.2	8	.5	26.6	.5	3	.08	.021	21	4.7	.03	42	.002	3	.22	.029	.14	<.1	.03	.7	.1	.29	1	<.5	<2	.03
SND05426-19	1.3	88.3	181.2	80	1.2	1.7	8.2	701	1.76	58.9	42.8	57.7	8.0	8	1.2	2.0	.8	2	.06	.019	11	4.4	.03	51	.001	1	.24	.012	.18	.1	.01	.6	.1	1.16	1	<.5	3	.17
SND05426-20	1.4	145.1	68.7	72	1.4	1.1	1.3	670	1.87	45.2	3.0	12.3	8.4	6	.6	1.6	.4	2	.08	.021	11	2.7	.05	100	.001	2	.26	.016	.21	.1	.01	.6	.1	.81	1	<.5	2	.02
SND05426-21	1.6	132.7	64.9	90	1.9	1.1	1.6	760	2.23	40.8	2.8	36.4	9.2	5	.5	1.2	1.0	4	.08	.021	16	3.6	.06	73	.005	1	.29	.019	.20	.1	<.01	.7	.1	1.05	1	<.5	5	.04
SND05426-22	1.4	62.4	41.6	77	1.3	.6	1.7	745	1.55	12.3	3.1	13.9	9.3	5	.4	1.1	.9	5	.09	.021	17	3.2	.07	48	.011	2	.25	.022	.17	.1	.01	.9	.1	.42	1	<.5	2	.05
SND05426-23	1.5	42.7	49.2	61	.6	1.1	1.7	424	1.20	12.5	5.2	154.1	9.0	10	.5	6.0	.2	4	.09	.023	19	3.7	.04	55	.005	3	.25	.031	.18	.1	<.01	.8	.1	.51	1	<.5	<2	.38
SND05426-24	1.4	19.1	44.1	56	.5	1.1	1.6	403	1.09	7.0	5.4	603.5	9.4	10	.3	3.0	.2	4	.08	.022	19	3.0	.04	49	.005	3	.22	.031	.14	<.1	.01	.9	.1	.43	1	<.5	<2	1.78
SND05426-27	1.4	61.2	60.3	53	4.6	.7	7.0	547	2.84	25.4	2.6	275.8	11.6	5	.3	.7	4.2	3	.06	.018	14	3.3	.04	45	.002	2	.21	.017	.17	.2	<.01	.6	.1	2.26	1	<.5	6	1.05
RE SND05426-27	1.5	61.9	63.6	57	4.8	.6	7.6	557	2.90	26.4	2.6	221.4	11.8	6	.3	.7	4.1	3	.06	.018	16	3.3	.04	50	.002	1	.21	.017	.18	.2	<.01	.6	.1	2.40	1	<.5	6	.50
RRE SND05426-27	1.9	58.9	65.0	55	5.1	.8	7.4	547	2.89	26.4	2.7	288.1	12.1	6	.3	.7	4.2	2	.07	.018	15	3.2	.04	48	.002	1	.23	.018	.18	.2	.01	.6	.1	2.33	1	<.5	6	1.08
SND05426-28	1.6	49.6	4.7	46	.5	1.0	1.6	1128	1.81	10.9	3.3	8.5	10.8	5	.1	.2	.1	7	.11	.027	20	4.1	.11	64	.015	2	.34	.038	.22	.1	<.01	1.4	.1	.42	2	<.5	<2	.02
SND05426-29	1.3	344.8	18.0	34	3.5	.7	1.5	460	1.55	8.2	3.1	71.4	9.3	5	.5	.2	13.7	6	.08	.024	17	5.0	.12	84	.022	1	.31	.031	.20	<.1	<.01	1.1	.1	.66	2	<.5	4	.11
SND05426-30	2.5	196.1	23.7	22	2.3	1.1	1.7	544	2.37	34.9	3.3	240.1	9.0	4	.3	.2	2.6	2	.08	.023	12	3.6	.06	86	.002	1	.30	.014	.26	.2	<.01	.6	.1	1.62	1	<.5	4	.11
SND05426-31	1.6	100.7	30.1	22	.7	9	2.0	336	1.52	34.9	3.5	27.0	9.5	7	.3	.3	.7	2	.07	.024	15	3.7	.02	40	.001	3	.25	.023	.21	.1	<.01	.4	.1	1.10	1	<.5	<2	.13
SND05426-32	3.1	24.2	3.6	37	<.1	.9	1.9	905	1.30	1.4	2.1	<.5	11.8	7	.1	.2	.2	5	.12	.031	19	4.7	.05	141	.005	1	.25	.034	.15	.1	.01	1.0	.1	<.05	1	<.5	<2	.01
SND05426-33	2.2	67.6	26.3	51	.7	1.3	3.0	700	1.81	14.8	7.4	11.6	10.9	6	.3	.3	.3	3	.09	.022	16	3.2	.06	37	.003	1	.27	.023	.19	.1	<.01	.7	.1	.67	1	<.5	<2	.03
SND05426-34	3.2	21.1	22.3	66	.2	1.1	1.6	754	.99	4.0	3.6	118.2	11.7	6	.3	5.8	.1	3	.09	.024	22	4.1	.05	41	.003	3	.28	.023	.22	.1	.01	.6	.1	<.05	1	<.5	<2	.01
SND05426-35	4.6	30.1	135.0	110	.6	1.3	3.9	917	1.72	25.4	4.8	145.6	10.8	5	.8	2.6	.5	1	.09	.022	18	4.1	.04	98	<.001	3	.25	.011	.22	.1	<.01	.5	.1	.92	1	<.5	<2	.28
SND05426-36	1.6	62.1	93.2	51	.6	.8	2.3	439	1.30	19.0	3.3	62.0	11.2	10	.5	.6	.3	4	.10	.023	18	3.5	.05	62	.008	2	.31	.024	.22	.1	<.01	.8	.1	.56	1	<.5	<2	.06
SND05426-37	2.4	11.3	18.0	59	<.1	1.0	1.2	620	.95	2.6	4.6	1.9	13.2	8	.2	1.7	<.1	4	.11	.024	24	4.4	.04	93	.003	2	.22	.036	.15	.1	<.01	.9	.1	<.05	1	<.5	<2	<.01
SND05426-38	3.7	3.9	80.7	54	.2	1.0	2.0	370	.75	1.4	6.5	55.2	10.8	4	.4	.8	.1	1	.06	.013	24	3.9	.03	18	<.001	6	.22	.006	.21	<.1	.01	.4	.1	.09	<1	<.5	<2	.14
SND05426-39	1.7	204.6	492.8	349	10.5	2.0	3.2	1247	1.71	12.7	6.5	263.1	7.9	12	5.6	65.1	.3	3	.07	.010	21	4.1	.08	852	<.001	4	.21	.007	.19	.1	.08	.9	.1	.13	1	<.5	10	.42
SND05426-40	1.8	21.5	183.1	155	1.5	2.0	2.9	430	1.43	41.1	6.7	2819.1	7.7	4	1.3	1.4	.5	2	.05	.013	11	5.4	.03	49	<.001	3	.22	.016	.18	.1	.01	.4	.1	.85	1	<.5	<2	.97
SND05426-41	1.7	5.9	56.6	170	.2	1.0	1.7	512	.94	3.5	6.3	73.6	8.7	7	.7	1.1	.2	2	.07	.018	21	4.9	.03	341	<.001	4	.21	.020	.18	.1	<.01	.5	.1	.12	<1	<.5	<2	.11
SND05426-42	2.3	9.1	73.2	224	.2	1.0	2.2	503	1.05	12.7	6.1	46.9	11.0	9	.9	1.0	.1	1	.06	.017	17	3.8	.03	50	<.001	3	.23	.026	.17	.1	<.01	.6	.1	.22	1	<.5	<2	.10
SND05426-43	1.8	8.9	71.1	220	.2	1.1	1.7	622	1.05	5.1	4.2	190.7	10.4	12	1.3	.5	.2	2	.08	.019	20	3.6	.04	48	.001	3	.23	.029	.16	.1	<.01	.9	.1	.09	1	<.5	<2	.28
SND05426-44	1.4	15.5	139.6	203	.3	1.0	1.6	565	1.17	11.6	3.8	206.6	11.2	10	1.0	.5	.1	2	.07	.017	15	2.4	.04	48	.001	2	.21	.025	.14	.1	<.01	.7	.1	.24	1	<.5	<2	.39
SND05426-45	1.4	4.4	3.1	21	<.1	.7	1.5	472	1.11	<.5	2.2	5.4	10.9	5	<.1	.2	<.1	10	.10	.022	24	3.6	.17	65	.040	1	.37	.047	.21	.1	<.01	1.3	.1	<.05	2	<.5	<2	.01
SND05426-46(pulp)	23.4	59.3	397.6	35	4.9	1167.8	30.6	393	2.24	59.5	.5	31256.8	3.3	19	.1	.5	4.7	32	.45	.035	15	1547.8	.60	149	.047	7	.99	.046	.30	13.7	.02	2.5	.1	<.05	3	<.5	6	35.00
STANDARD DS6/R-2a/OxL34	11.5	124.4	30.0	146	.3	25.1	10.9	717	2.83	21.2	6.8	48.5	3.0	40	6.1	3.3	5.1	56	.83	.079	14	186.9	.59	163	.081	17	1.93	.074	.16	3.5	.22	3.3	1.7	<.05	7	4.3	157	5.80

Sample type: DRILL CORE R15D. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data ___ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Ag** gm/mt	Au** gm/mt
SND05426-47	3.0	20.7	115.8	201	1.6	1.2	2.2	477	1.08	9.4	6.0	2930.2	8.7	5	1.4	2.7	.6	2	.05	.014	15	10.2	.04	31	.001	3	.25	.021	.20	.1	.01	.5	.1	.32	1	<.5	2	2.75
SND05426-48	1.6	13.9	39.7	105	.7	1.1	1.6	531	1.01	3.8	4.6	1121.1	9.8	6	.5	3.3	.2	3	.08	.019	20	4.7	.03	59	.002	4	.24	.037	.19	.1	.01	.6	.1	.16	1	<.5	<2	.96
SND05426-49	1.5	20.4	32.2	209	.7	1.2	2.0	602	1.21	4.7	2.9	291.5	9.7	8	1.0	1.1	.5	4	.08	.019	17	4.3	.05	95	.005	3	.27	.034	.18	.1	<.01	.9	.1	.24	1	<.5	<2	.14
SND05426-50	1.5	22.7	58.8	232	.4	1.3	1.6	566	1.14	6.7	3.1	36.1	10.9	12	1.4	3.1	.2	3	.07	.019	19	4.7	.05	477	.002	2	.28	.034	.18	.1	.01	.8	.1	.23	1	<.5	2	.13
SND05426-51	2.6	67.9	329.2	453	2.3	.9	1.4	131	.93	40.0	8.1	1227.1	8.5	4	7.3	14.7	.7	1	.04	.014	11	5.2	.02	148	.001	3	.30	.006	.30	.2	.06	.3	.1	.80	1	<.5	3	.92
SND05426-52	8.9	185.8	2152.6	8395	10.4	1.2	2.6	592	1.23	12.0	4.5	2611.9	8.3	7	269.0	58.2	1.7	2	.06	.015	15	4.5	.04	99	<.001	2	.22	.028	.16	.1	1.79	.6	.1	.72	1	<.5	11	2.48
SND05426-53	2.4	47.0	214.6	873	1.1	1.5	3.4	765	1.49	19.1	4.5	237.1	9.4	8	21.3	1.0	.6	2	.07	.015	19	5.1	.04	52	.001	2	.29	.025	.21	.1	.05	.9	.1	.43	1	<.5	2	1.17
SND05426-54	3.6	13.3	163.9	96	.8	1.6	5.5	738	1.46	5.3	8.5	80.0	4.6	9	1.8	1.9	1.1	4	.15	.040	12	3.2	.09	254	.001	3	.33	.009	.31	.1	.01	1.3	.1	.43	1	<.5	<2	.28
SND05426-55	.9	24.2	18.9	55	.4	1.8	8.9	1193	2.73	2.8	5.6	19.8	8.6	19	.8	.5	.1	8	.58	.068	21	3.4	.26	844	.004	4	.53	.024	.36	.1	.01	2.3	.1	.09	2	<.5	<2	.03
SND05426-56	1.8	59.6	26.0	1062	.8	1.3	7.2	1707	2.74	23.4	3.0	213.7	6.2	65	20.4	1.5	.4	6	1.46	.057	14	3.4	.44	262	.001	5	.40	.017	.32	.1	.21	2.9	.1	.50	1	<.5	<2	.22
SND05426-57	3.2	76.7	95.5	141	2.3	1.9	4.9	1665	2.92	34.9	3.2	311.4	6.5	23	2.8	5.3	1.1	3	.24	.058	14	2.0	.12	92	.001	3	.42	.011	.33	.2	.04	2.0	.1	.74	1	<.5	3	.46
SND05426-59	4.5	259.2	32.7	69	2.9	1.9	5.1	744	3.09	35.0	3.7	718.5	5.2	20	1.8	12.6	1.1	4	.22	.076	14	2.2	.14	38	.001	3	.48	.018	.41	.1	.03	2.0	.2	1.79	1	<.5	3	.39
RE SND05426-59	4.2	261.4	33.9	72	2.5	2.2	4.9	755	3.16	35.0	3.0	261.7	5.1	19	1.9	13.0	1.2	4	.23	.073	14	2.3	.14	36	.001	5	.51	.017	.41	.2	.03	1.8	.1	1.73	1	<.5	3	.34
RRE SND05426-59	4.3	264.2	33.5	74	2.8	1.9	5.3	764	3.15	34.3	3.8	301.0	5.7	20	1.6	12.1	1.1	4	.22	.072	13	2.6	.14	38	.001	4	.50	.017	.38	.2	.04	1.9	.1	1.72	1	<.5	3	.45
SND05426-60	9.7	790.9	217.2	88	8.4	3.3	5.6	894	4.02	60.6	4.4	4436.1	5.1	12	2.6	12.6	3.6	4	.19	.062	7	1.9	.11	39	.002	3	.50	.009	.39	.4	.04	1.5	.1	2.83	2	<.5	10	4.20
SND05426-61	4.8	492.6	187.7	113	2.9	6.5	9.3	1134	5.15	76.5	9.2	998.2	4.4	18	1.6	9.3	1.9	3	.17	.044	8	2.0	.12	15	.001	3	.42	.007	.34	.5	.02	1.3	.1	3.72	1	<.5	3	1.16
SND05426-62	19.4	138.2	184.6	47	28.2	9.8	8.3	595	3.42	58.4	16.4	2836.2	3.1	4	1.3	27.7	6.9	1	.10	.029	7	4.2	.03	19	.001	2	.33	.005	.30	.1	.03	1.1	.1	3.00	1	<.5	28	3.60
STANDARD DS6/R-2a/OxL34	11.7	123.4	29.7	142	.3	24.7	10.6	716	2.84	21.1	6.8	46.0	3.0	40	6.1	3.3	5.1	55	.86	.079	15	184.3	.59	164	.082	18	1.93	.072	.16	3.4	.23	3.3	1.7	<.05	6	4.5	161	5.73

Sample type: DRILL CORE R150. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data f FA ____

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(If 001 Accredited Co.)

ASSAY CERTIFICATE

Almaden Minerals Ltd. PROJECT ELK05-6 File # A505548R

1103 - 750 W. Pender St., Vancouver BC V6C 2T8 Submitted by: Wojtek Jakubowski

SAMPLE#	S.Wt gm	NAu mg	-Au gm/mt	TotAu gm/mt
SND05426-8	462	2.21	41.90	46.68
STANDARD OxL34	-	<.01	5.73	5.73

-AU : -150 AU BY FIRE ASSAY FROM 1 A.T. SAMPLE. DUPAU: AU DUPLICATED FROM -150 MESH. NAU - NATIVE GOLD, TOTAL SAMPLE FIRE ASSAY.
- SAMPLE TYPE: CORE REJ. M150

Data___ FA ____ **DATE RECEIVED:** OCT 12 2005 **DATE REPORT MAILED:** Nov 4/05

BRITISH COLUMBIA CERTIFIED ASSAYER
Clarence Leong

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(If 001 Accredited Co.)

ASSAY CERTIFICATE

Almaden Minerals Ltd. PROJECT ELK05-6 File # A505548R

1103 - 750 W. Pender St., Vancouver BC V6C 2T8 Submitted by: Wojtek Jakubowski

SAMPLE#	S.Wt gm	NAg mg	-Ag gm/mt	TotAg gm/mt
SND05426-8	462	1.06	104	107
STANDARD R-2a	-	<.06	157	157

-AG : -150 AG BY FIRE ASSAY FROM 1 A.T. SAMPLE. DUPAG: AG DUPLICATED FROM -150 MESH. NAG - NATIVE SILVER, TOTAL SAMPLE FIRE ASSAY.
- SAMPLE TYPE: CORE REJ. M150

Data___ FA **DATE RECEIVED:** OCT 12 2005 **DATE REPORT MAILED:** Nov 4/05

BRITISH COLUMBIA CERTIFIED ASSAYER
Clarence Leong

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9001 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Almaden Minerals Ltd. PROJECT ELK05-6 File # A505549

1103 - 750 W. Pender St., Vancouver BC V6C 2T8 Submitted by: Wojtek Jakubowski

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm
SND05425-16	12.0	2027.2	3276.1	346	41.1	4.8	6.3	62	5.13	414.5	8.5	19404.0	3.5	9	16.0	42.7	7.4	3	.02	.005	7	10.1	.03	26	.001	2	.35	.006	.24	.2	.12	.3	.4	5.64	1	<.5
SND05426-58	31.9	4202.5	959.0	228	>100	5.0	18.8	33	6.17	248.2	2.2	16691.5	1.9	14	17.4	342.3	21.1	3	.05	.021	6	6.6	.02	11	.001	2	.35	.006	.25	.1	.32	.5	.1	6.63	1	<.5
STANDARD DS6	11.6	125.8	31.9	147	.3	24.8	10.7	703	2.80	21.4	7.0	47.2	3.1	42	6.3	3.6	5.3	55	.85	.078	16	186.6	.57	169	.083	14	1.89	.073	.16	3.5	.23	3.3	1.8	<.05	7	4.6

GROUP 1DX - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-MS.
(>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME MINERALS MAY BE PARTIALLY ATTACKED. REFRACTORY AND GRAPHITIC SAMPLES CAN LIMIT AU SOLUBILITY.
- SAMPLE TYPE: DRILL CORE M150

Data 1 FA ____ DATE RECEIVED: SEP 9 2005 DATE REPORT MAILED: Oct 6/05

BRITISH COLUMBIA CERTIFIED ASSAYER
Clarence Leong

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9001 Accredited Co.)

ASSAY CERTIFICATE

Almaden Minerals Ltd. PROJECT ELK05-6 File # A505549

1103 - 750 W. Pender St., Vancouver BC V6C 2T8 Submitted by: Wojtek Jakubowski

SAMPLE#	S.Wt gm	NAg mg	-Ag gm/mt	TotAg gm/mt
SND05425-16	962	.31	46	46
SND05426-58	1061	.13	121	121
STANDARD R-2a	-	<.06	158	158

-AG : -150 AG BY FIRE ASSAY FROM 1 A.T. SAMPLE. DUPAG: AG DUPLICATED FROM -150 MESH. NAG - NATIVE SILVER, TOTAL SAMPLE FIRE ASSAY.
- SAMPLE TYPE: DRILL CORE M150

Data___ FA ✓ DATE RECEIVED: SEP 9 2005 DATE REPORT MAILED: Oct 6/05

BRITISH COLUMBIA CERTIFIED ASSAYER
C.L
Clarence Leong

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1103 - 750 W. Pender St., Vancouver BC V6C 2T8 Submitted by: Wojtek Jakubowski

SAMPLE#	S.Wt gm	NAu mg	-Au gm/mt	TotAu gm/mt
SND05425-16	962	.70	24.07	24.80
SND05426-58	1061	.13	18.13	18.25
STANDARD AU-1	-	<.01	3.35	3.35

-AU : -150 AU BY FIRE ASSAY FROM 1 A.T. SAMPLE. DUPAU: AU DUPLICATED FROM -150 MESH. NAU - NATIVE GOLD, TOTAL SAMPLE FIRE ASSAY.
- SAMPLE TYPE: DRILL CORE M150

Data___ FA ____ **DATE RECEIVED:** SEP 9 2005 **DATE REPORT MAILED:** Oct 6/05

BRITISH COLUMBIA CERTIFIED ASSAYER
C.L
Clarence Leong

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9001 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Almaden Minerals Ltd. PROJECT ELK05-6 File # A505550

1103 - 750 W. Pender St., Vancouver BC V6C 2T8 Submitted by: Wojtek Jakubowski

SAMPLE#	Au* ppb	Sample gm
SND05425-10	86.9	30
SND05425-11(pulp)	9685.7	15
SND05426-5	9.0	30
SND05426-6(pulp)	34144.4	15
SND05426-25	8.8	30
SND05426-26(pulp)	10696.9	15
STANDARD AU-R	477.2	30

GROUP 3A - IGNITED 30 GM SAMPLE LEACHED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 600 ML, ANALYSED BY ICP-MS.
UPPER LIMITS - AU* = 100 PPM.
- SAMPLE TYPE: DRILL CORE R150

Data Lj FA ____ **DATE RECEIVED:** SEP 9 2005 **DATE REPORT MAILED:** Sept 27/05

BRITISH COLUMBIA CERTIFIED ASSAYER
Clarence Leong

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(If 001 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Almaden Minerals Ltd. PROJECT ELK05-7 File # A506092 Page 1

1103 - 750 W. Pender St., Vancouver BC V6C 2T8 Submitted by: Wojtek Jakubowski

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Ag** gm/mt	Au** gm/mt
SND05427-1	1.2	103.2	23.1	20	1.5	1.0	2.0	220	1.29	33.0	4.3	935.7	10.7	5	.4	.1	1.1	4	.08	.024	22	2.8	.08	39	.010	2	.35	.028	.18	.1	<.01	.9	.1	.98	1	<.5	<2	1.63
SND05427-2	1.0	88.9	20.8	15	.5	1.0	1.8	193	1.04	26.2	5.2	165.3	11.3	5	.3	.2	.5	4	.08	.025	25	4.1	.07	36	.007	1	.32	.029	.17	.1	.01	.8	.1	.69	1	<.5	<2	.25
SND05427-4(pulp)	14.1	293.0	318.6	366	4.4	147.7	23.2	514	3.41	190.0	3.4	9385.5	2.3	45	2.6	14.5	4.1	46	1.20	.041	6	245.7	.48	56	.034	4	1.06	.031	.32	5.3	.40	4.1	.6	1.47	4	1.5	5	9.98
SND05427-5	.9	5.4	2.8	18	<.1	.7	1.3	372	.85	.7	3.4	4.4	11.6	5	<.1	.1	<.1	7	.08	.023	28	3.6	.12	52	.023	2	.37	.043	.14	.1	<.01	1.1	<.1	<.05	2	<.5	<2	.01
SND05427-6	1.0	35.4	6.1	19	.2	.8	3.6	392	1.22	6.4	4.4	479.3	11.6	6	.1	.1	.4	7	.09	.026	56	3.9	.14	58	.027	2	.38	.041	.15	<.1	<.01	1.3	.1	.47	2	<.5	<2	.74
SND05427-7	2.7	165.6	35.3	46	5.3	.9	6.9	110	3.06	112.1	40.3	456.5	11.9	6	1.4	.2	1.4	4	.13	.050	59	4.0	.07	35	.009	2	.37	.023	.21	.3	<.01	1.0	.1	3.45	1	<.5	8	3.10
SND05427-8	1.2	6.1	8.9	7	<.1	.7	1.0	197	.51	.9	6.7	2.5	10.1	7	.1	.1	<.1	3	.06	.021	27	6.8	.05	50	.008	1	.32	.037	.15	<.1	<.01	.7	<.1	<.05	1	<.5	<2	<.01
RE SND05427-8	1.3	6.4	9.1	8	<.1	.9	1.1	195	.51	.8	6.9	1.1	10.0	7	.1	.1	<.1	2	.07	.022	27	4.0	.05	49	.007	1	.32	.037	.15	<.1	<.01	.7	.1	.06	1	<.5	<2	<.01
RRE SND05427-8	1.3	6.4	7.6	7	<.1	.6	.9	188	.51	.8	7.0	3.1	9.9	7	.1	.1	<.1	3	.07	.022	29	3.4	.05	50	.007	3	.31	.036	.15	<.1	.01	.7	.1	<.05	1	<.5	<2	<.01
SND05427-9	1.5	10.4	8.0	22	.2	.6	2.0	629	1.10	2.9	2.8	64.5	10.3	6	.1	.1	.2	6	.09	.024	24	4.9	.10	54	.017	5	.32	.041	.14	<.1	<.01	1.1	<.1	.17	2	<.5	<2	.39
SND05427-10	1.9	72.8	86.8	57	2.4	1.3	2.3	1269	2.05	256.7	7.2	200.6	10.0	4	.3	1.1	1.1	2	.06	.022	13	4.8	.03	27	.001	2	.36	.014	.25	.2	.01	.7	.1	1.19	1	<.5	5	.63
SND05427-11	1.3	757.0	118.5	43	6.2	1.2	3.0	117	2.28	342.5	5.1	51797.3	10.0	10	1.8	1.6	6.5	1	.05	.020	11	3.4	.01	30	.001	1	.29	.007	.23	.1	.03	.5	.1	2.56	1	<.5	7	15.14
SND05427-12	1.5	25.9	26.8	44	.1	.7	1.2	680	.98	5.4	3.4	5.0	11.1	10	.5	2.9	.1	3	.07	.021	17	4.5	.04	85	.002	4	.28	.033	.13	<.1	.01	.9	.1	.13	1	<.5	<2	.04
SND05427-13	1.3	38.3	43.3	43	.1	1.2	1.5	670	1.10	8.1	3.7	5.8	11.1	13	.4	1.0	.1	4	.08	.025	19	5.8	.03	102	.003	1	.30	.031	.17	.1	.01	1.1	.1	.33	1	<.5	<2	.02
SND05427-14	2.3	169.3	167.3	55	1.7	1.5	3.3	453	1.87	193.1	8.1	209.3	10.8	8	2.3	8.1	.4	1	.04	.016	10	3.9	.02	47	<.001	2	.32	.009	.24	.2	.03	.6	.1	1.70	1	<.5	3	.38
SND05427-15	1.8	14.2	43.6	42	.3	1.5	1.4	377	.72	9.7	10.1	158.3	10.7	8	.5	1.4	.1	1	.05	.016	20	7.0	.02	62	.001	2	.21	.024	.12	<.1	.01	.6	.1	.15	<1	<.5	<2	.10
SND05427-16	1.5	25.7	33.2	99	.3	1.0	2.2	777	1.15	13.8	4.7	157.2	9.2	6	1.7	.4	.2	3	.06	.021	16	4.9	.04	47	.003	2	.30	.025	.20	.1	<.01	.7	.1	.29	1	<.5	<2	.10
SND05427-17	1.7	86.9	47.7	48	2.3	1.2	1.8	1080	1.78	34.9	5.1	427.7	11.3	5	.4	.3	2.6	4	.08	.023	15	5.0	.06	44	.005	2	.29	.025	.19	.1	.01	.7	.1	.91	1	<.5	8	2.27
SND05427-18	2.0	187.6	35.6	33	1.8	1.0	2.3	750	2.19	84.5	5.5	535.5	8.4	3	.6	.2	1.7	1	.06	.020	8	4.8	.04	28	.001	2	.28	.006	.25	.2	<.01	.5	.1	1.91	1	<.5	2	1.06
SND05427-19	1.4	103.3	17.6	44	.8	.9	2.6	946	1.86	23.7	3.1	443.0	8.9	4	.4	.1	.3	3	.07	.023	15	4.7	.05	35	.003	3	.34	.022	.24	.1	<.01	.7	.1	.80	1	<.5	<2	.39
SND05427-20	1.5	128.5	6.7	53	.8	1.1	2.7	658	1.76	28.7	6.4	244.6	9.0	4	.3	.2	.4	2	.07	.024	14	4.9	.06	36	.003	2	.33	.022	.23	.1	.01	.7	.2	.87	1	<.5	<2	.86
SND05427-21	3.7	255.4	34.4	45	2.8	.8	1.9	506	2.13	30.2	4.4	3078.5	9.0	7	.5	.4	3.9	2	.07	.024	15	4.2	.05	45	.004	1	.30	.018	.20	.1	<.01	.6	.1	1.54	1	<.5	3	2.16
SND05427-22	1.2	418.3	36.3	39	.9	1.3	1.6	474	1.91	27.3	3.8	84.1	8.5	7	.5	.4	1.5	3	.07	.023	16	3.6	.06	52	.005	2	.38	.024	.25	.1	.01	.8	.1	1.10	1	<.5	<2	.90
SND05427-23	1.8	5.6	2.6	18	<.1	.8	1.3	631	1.20	.6	2.3	6.3	12.8	5	<.1	.1	<.1	10	.09	.023	23	5.3	.16	62	.040	1	.41	.051	.18	.1	<.01	1.2	.1	<.05	2	<.5	<2	<.01
SND05427-24(pulp)	19.7	52.9	389.4	34	4.2	893.8	25.5	381	2.16	59.3	.4	31476.1	3.6	17	.1	.5	4.7	30	.47	.034	14	1127.8	.59	151	.045	6	1.01	.044	.28	12.4	.02	2.5	.1	<.05	3	<.5	5	33.51
SND05427-25	1.4	15.2	7.3	10	.6	1.0	2.4	202	.82	7.9	3.0	461.4	9.9	6	.1	.2	.3	5	.08	.026	28	5.3	.06	53	.011	3	.34	.042	.20	.1	<.01	.9	.1	.33	1	<.5	<2	.68
SND05427-26	1.1	14.8	3.0	12	<.1	.7	1.2	529	.78	2.0	2.7	3.7	10.0	5	<.1	.2	<.1	5	.07	.025	24	4.6	.07	43	.012	2	.26	.033	.15	.1	<.01	.9	<.1	<.05	1	<.5	<2	.01
SND05427-27	1.0	22.1	5.8	53	.2	.9	1.5	584	1.16	14.0	2.8	11.5	9.3	5	1.0	.1	.2	5	.07	.025	18	5.5	.08	58	.010	1	.36	.030	.22	.1	<.01	.9	.1	.30	1	<.5	<2	.01
SND05427-28	1.2	217.6	15.6	33	1.5	1.2	2.0	613	2.60	26.2	4.0	99.7	10.8	6	.5	2.7	1.1	5	.09	.029	19	5.6	.06	55	.007	2	.34	.032	.21	.1	<.01	1.0	.1	2.32	1	<.5	4	.30
SND05427-29	1.3	95.5	23.4	27	1.5	1.2	2.0	695	1.47	28.3	2.7	214.2	9.1	5	.4	4.7	.9	3	.08	.025	15	4.4	.04	34	.001	4	.32	.026	.21	.1	.01	.9	.1	.81	1	<.5	<2	.23
SND05427-30	1.4	23.7	10.4	60	.1	.5	1.8	787	.91	6.9	4.4	5.2	10.0	6	.8	.3	.1	3	.08	.023	17	6.0	.04	41	.004	2	.30	.022	.19	.1	.01	.8	.1	.06	1	<.5	<2	.01
SND05427-31	1.3	82.6	64.4	99	.6	1.0	2.1	681	1.37	22.5	6.2	6.1	11.4	11	1.5	.3	.4	4	.11	.032	14	4.4	.06	51	.006	3	.34	.021	.21	<.1	<.01	1.1	.1	.54	1	<.5	<2	.02
SND05427-32	2.1	53.0	71.2	72	2.7	1.3	2.1	644	1.80	22.6	3.7	716.1	9.4	19	.6	1.3	6.5	4	.07	.021	14	4.7	.05	124	.003	2	.32	.025	.16	.1	.01	1.0	.1	1.05	1	<.5	5	1.25
SND05427-33	1.4	139.5	224.0	219	1.2	4.6	6.6	2117	3.33	75.5	8.3	202.7	9.0	50	1.4	3.8	.6	10	.08	.027	12	12.9	.05	123	.003	4	.38	.013	.20	.1	<.01	2.8	.1	1.76	1	<.5	<2	.20
STANDARD DS6/R-2a/OxL34	11.4	121.6	29.1	140	.3	24.5	10.7	700	2.79	20.6	6.6	46.5	2.9	41	5.9	3.1	5.0	55	.85	.078	14	185.6	.57	162	.080	14	1.89	.070	.15	3.3	.23	3.4	1.8	<.05	6	4.5	159	5.89

GROUP 1DX - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-MS.
(>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME MINERALS MAY BE PARTIALLY ATTACKED. REFRACTORY AND GRAPHITIC SAMPLES CAN LIMIT AU SOLUBILITY.
AG** & AU** BY FIRE ASSAY FROM 1 A.T. SAMPLE.
- SAMPLE TYPE: DRILL CORE R150 Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data ℓ FA ____ **DATE RECEIVED:** SEP 26 2005 **DATE REPORT MAILED:** Oct 27/05

BRITISH COLUMBIA CERTIFIED ASSAYER
Clarence Leong

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Ag** gm/mt	Au** gm/mt
SND05427-34	1.6	23.1	50.3	11	.7	.8	1.2	70	.76	18.7	2.9	47.3	8.8	8	.5	.5	.4	3	.06	.017	16	6.9	.03	41	.004	2	.28	.029	.16	.1	<.01	.6	.1	.49	1	<.5	<2	.33
SND05427-35	1.4	5.1	16.9	53	<.1	.7	1.1	485	.80	1.0	2.3	5.8	9.5	11	.1	.3	<.1	4	.08	.021	24	5.5	.05	46	.009	2	.29	.033	.14	.1	<.01	.8	.1	<.05	1	<.5	<2	.02
SND05427-36	1.7	7.6	45.2	134	<.1	1.0	1.7	684	1.04	3.7	3.9	<.5	10.0	7	.9	.3	.1	5	.07	.021	27	4.5	.07	50	.015	2	.31	.034	.18	.1	<.01	.9	.1	.09	1	<.5	<2	<.01
SND05427-37	1.9	13.0	22.3	107	.4	.9	1.5	728	1.02	.8	2.9	<.5	10.6	11	.4	2.3	<.1	3	.07	.016	25	5.0	.05	75	.002	5	.22	.032	.12	<.1	<.01	.7	.1	<.05	1	<.5	<2	.01
SND05427-38	2.9	86.3	25.8	60	1.8	1.6	6.7	1782	3.35	26.7	3.5	723.4	6.9	10	.8	2.0	1.1	10	.23	.078	15	4.7	.11	52	.001	3	.43	.016	.27	.4	.01	1.4	.1	1.06	1	<.5	3	1.09
SND05427-39	8.1	465.3	71.1	75	5.0	2.0	8.2	621	3.89	73.1	9.3	607.0	7.5	37	1.3	3.2	2.8	9	.28	.110	9	5.0	.11	17	.002	4	.58	.009	.35	.2	.02	1.4	.1	3.25	1	<.5	6	.86
SND05427-40	1.6	59.0	27.4	41	.6	1.3	4.4	863	2.12	10.7	7.5	371.6	7.8	18	.9	.7	.5	4	.21	.076	17	3.7	.12	61	.001	6	.47	.006	.36	.1	.01	1.9	.1	.70	1	<.5	<2	.21
SND05427-41	2.1	19.6	16.9	97	.4	1.4	4.4	1716	2.73	5.3	4.9	13.2	5.5	35	.9	1.4	.2	4	.22	.057	21	2.4	.12	1114	<.001	5	.42	.012	.25	.1	<.01	2.6	.1	.15	1	<.5	<2	.03
SND05427-42	2.5	22.9	21.4	103	.3	1.7	4.2	1553	2.56	7.1	5.0	15.5	3.9	33	.9	1.1	.2	4	.21	.051	13	2.8	.13	924	<.001	5	.45	.013	.26	.1	.01	2.3	.1	.10	1	<.5	<2	.03
SND05427-45	5.5	25.2	62.4	83	.7	1.0	2.1	650	1.14	7.5	3.3	149.3	8.9	5	1.9	1.2	.5	2	.06	.017	19	5.6	.04	43	.001	2	.28	.024	.21	<.1	.01	.6	.1	.22	1	<.5	<2	.11
SND05427-46	1.1	56.7	22.7	11	.4	.8	1.7	139	1.03	9.3	3.4	25.5	10.1	16	.2	.2	1.6	3	.08	.021	21	4.7	.07	114	.016	2	.31	.029	.14	<.1	<.01	.8	.1	.71	1	<.5	<2	.06
SND05427-47	4.1	773.6	77.1	127	7.9	2.0	9.3	1010	3.72	87.3	2.2	1053.7	5.3	10	3.8	121.0	1.5	3	.20	.060	8	4.1	.09	19	.001	3	.50	.006	.35	.2	.10	1.7	.1	2.89	1	<.5	9	1.31
SND05427-49	7.1	116.7	39.5	74	3.7	2.0	7.9	1063	3.66	51.7	3.9	645.2	7.6	20	.8	11.9	1.2	13	.27	.066	14	3.3	.20	33	.008	3	.59	.024	.31	.1	.03	3.4	.1	2.14	2	<.5	4	.74
SND05427-50	1.7	325.9	20.8	92	5.6	2.2	9.4	2186	5.31	51.8	5.4	1966.0	6.8	6	1.3	5.3	5.6	5	.29	.067	12	3.5	.15	27	.001	4	.52	.011	.32	.2	.01	2.0	.1	2.39	1	<.5	6	3.50
SND05427-51	1.3	45.3	11.3	47	1.2	1.5	4.7	1138	2.63	9.3	4.5	41.5	8.1	12	.3	3.1	.9	13	.26	.069	17	4.7	.17	345	.009	3	.51	.030	.29	<.1	.01	3.2	.1	.38	2	<.5	<2	.09
SND05427-52	1.0	18.6	9.7	56	.2	1.3	5.6	1067	2.52	6.3	3.3	59.3	6.8	15	.6	1.9	.2	13	.25	.066	18	4.5	.16	242	.005	4	.42	.031	.24	<.1	<.01	3.6	.1	.34	2	<.5	<2	.08
SND05428-1	1.3	16.8	6.4	25	.1	1.2	2.2	935	1.22	8.3	3.2	14.3	9.0	5	.2	2.8	.1	4	.08	.022	19	4.9	.06	52	.004	2	.28	.030	.17	.1	<.01	.9	.1	.21	1	<.5	<2	.03
SND05428-2	2.0	418.0	178.1	38	3.8	1.0	1.9	430	2.37	72.6	4.7	1047.8	8.5	3	.9	2.8	1.7	1	.05	.018	8	4.6	.02	25	.001	2	.31	.009	.24	.2	.01	.5	.1	2.30	1	<.5	6	2.21
SND05428-3	1.6	140.0	147.9	58	.8	1.5	2.1	490	1.63	305.8	7.1	101.5	8.7	11	.7	1.7	.3	2	.04	.013	11	5.1	.02	44	<.001	3	.35	.007	.20	.1	.01	.8	.1	1.28	1	<.5	<2	.14
RE SND05428-3	1.8	149.6	154.9	59	.9	1.4	2.4	506	1.69	325.6	7.8	103.5	9.4	12	.6	1.7	.4	2	.04	.015	12	4.6	.02	44	<.001	4	.36	.007	.20	<.1	.01	.8	.1	1.35	1	<.5	<2	.12
RRE SND05428-3	1.3	142.7	147.0	57	.9	1.6	2.2	484	1.63	290.1	7.0	67.9	8.1	11	.6	1.6	.3	2	.04	.013	11	4.8	.02	43	<.001	3	.37	.006	.21	.1	.01	.8	.1	1.28	1	<.5	<2	.13
SND05428-4	1.5	76.9	38.8	48	.6	1.2	1.7	740	1.44	26.4	3.7	41.2	9.4	6	.4	6.6	.2	2	.07	.021	18	5.2	.05	107	.003	2	.29	.021	.18	.1	.02	.8	.1	.48	1	<.5	<2	.13
SND05428-5	1.6	100.6	100.3	85	.9	1.4	2.5	935	1.64	34.7	4.1	156.9	9.1	4	.7	.7	.3	1	.06	.021	14	4.9	.03	144	.001	2	.31	.016	.22	.1	<.01	.7	.1	.81	1	<.5	<2	.17
SND05428-6	1.1	14.3	185.2	325	.6	1.1	1.5	453	.85	650.5	4.7	417.3	10.5	6	5.7	.8	.2	3	.06	.020	16	5.4	.02	42	.002	2	.27	.025	.18	.1	.01	.9	.1	.19	1	<.5	<2	.46
SND05428-7	1.2	153.6	77.6	81	2.0	1.3	1.7	513	2.09	99.8	3.6	1151.7	8.6	8	1.3	1.6	1.6	3	.07	.020	13	4.9	.04	48	.004	1	.30	.022	.21	<.1	<.01	.8	.1	1.48	1	<.5	2	1.63
SND05428-8	1.0	46.9	6.3	17	.2	1.1	1.7	646	1.20	12.4	3.5	5.5	9.2	4	.2	.1	.2	4	.07	.020	20	4.9	.04	31	.002	1	.26	.033	.15	<.1	<.01	.8	.1	.40	1	<.5	<2	.03
SND05428-9	1.2	85.8	67.8	36	.8	1.0	2.4	367	1.50	28.4	5.0	104.5	8.3	7	.5	.9	.2	3	.06	.021	12	5.5	.04	42	.004	1	.33	.018	.22	.1	<.01	.8	.1	.84	1	<.5	<2	.06
SND05428-10	1.5	147.2	74.9	59	.9	1.3	2.4	421	1.81	41.5	4.9	15.0	9.2	7	.8	1.2	.2	3	.07	.023	12	4.8	.05	44	.004	2	.33	.023	.22	.1	<.01	.9	.2	1.11	1	<.5	<2	.03
SND05428-11	2.1	4.7	3.0	18	<.1	.8	1.4	613	1.18	<.5	2.5	<.5	11.0	6	<.1	.1	<.1	10	.22	.019	21	6.4	.17	61	.042	1	.41	.049	.18	.1	<.01	1.3	.1	<.05	2	<.5	<2	<.01
SND05428-12(pulp)	14.5	277.3	302.9	356	4.7	159.8	24.1	496	3.31	194.4	3.1	9693.4	2.3	47	2.6	16.1	4.3	45	1.17	.040	6	282.0	.48	80	.034	4	1.06	.032	.35	5.1	.35	4.4	.6	1.40	4	.7	6	10.34
SND05428-13	1.1	179.3	178.6	23	.8	1.2	1.7	107	1.52	35.6	6.0	18.6	8.7	16	1.4	1.2	.3	4	.06	.022	15	4.2	.04	83	.008	1	.30	.027	.15	.2	<.01	.9	.1	1.40	1	<.5	<2	.03
SND05428-14	1.4	205.5	85.5	38	1.4	1.2	1.3	392	1.54	23.4	3.8	139.3	9.4	9	.3	.4	1.8	3	.07	.023	25	6.8	.04	48	.003	2	.31	.023	.19	.1	<.01	.9	.1	.99	1	<.5	<2	.47
SND05428-15	1.4	616.9	232.0	106	11.0	.9	1.7	324	3.07	70.2	3.6	5236.7	8.5	2	1.8	.5	18.1	1	.04	.017	6	6.3	.03	21	.001	2	.33	.005	.26	.1	<.01	.5	.1	3.26	1	<.5	11	6.37
SND05428-16	1.1	56.3	104.5	301	.8	.9	1.5	797	1.46	489.4	2.6	94.9	10.9	5	5.5	.5	.8	7	.09	.024	19	6.0	.10	45	.015	1	.32	.034	.20	.1	.01	1.1	.1	.44	1	<.5	<2	.15
STANDARD DS6/R-2a/OxL34	11.4	122.0	29.1	141	.3	24.7	10.5	700	2.79	20.6	6.7	46.8	3.0	40	6.0	3.1	5.1	56	.85	.078	14	187.1	.57	162	.080	14	1.89	.072	.14	3.5	.23	3.3	1.7	<.05	6	4.4	153	5.77

Sample type: DRILL CORE R150. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data ℓ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Ag** gm/mt	Au** gm/mt
SND05428-17	.9	202.2	157.4	59	2.8	1.3	2.2	308	2.10	119.3	3.6	271.2	8.5	7	.9	1.0	2.6	3	.07	.022	13	4.5	.03	41	.004	<1	.26	.024	.16	.1	<.01	.6	.2	1.77	1	<.5	4	.40
SND05428-18	1.1	24.5	37.7	62	.1	.9	1.1	481	.99	17.8	2.2	2.4	8.6	9	.3	.4	.1	5	.08	.023	18	7.4	.05	61	.011	<1	.27	.043	.16	.1	<.01	.8	.1	.11	1	<.5	<2	<.01
SND05428-19	1.1	139.7	89.6	57	1.3	1.1	2.5	413	2.57	46.2	3.5	323.6	10.5	11	1.1	17.2	.4	3	.07	.020	11	5.8	.03	20	.002	<1	.25	.027	.14	<.1	.04	.7	.1	2.17	1	<.5	2	.19
SND05428-20	1.6	29.5	49.6	18	.5	1.0	2.1	58	.81	21.0	4.9	22.0	8.0	22	.6	2.6	.2	3	.07	.023	15	4.7	.03	147	.003	1	.31	.028	.19	.1	<.01	.6	.1	.55	1	<.5	<2	.09
SND05428-21	1.8	31.5	265.5	366	.9	.8	2.0	443	.98	9.3	2.7	128.3	9.5	5	10.0	.2	.5	4	.08	.022	19	5.9	.05	41	.009	<1	.27	.037	.18	.1	.02	.7	.1	.33	1	<.5	<2	.18
SND05428-22	2.3	94.2	90.1	120	.9	.9	1.7	542	1.36	40.7	5.6	24.0	12.1	5	1.5	3.6	.3	1	.05	.015	11	6.8	.04	50	.001	<1	.30	.014	.29	.1	.01	.4	.1	.62	1	<.5	<2	.06
SND05428-23	1.8	49.1	97.5	130	1.2	1.0	1.6	397	1.02	15.5	4.8	171.2	12.7	16	.8	.7	.9	1	.05	.012	12	6.2	.02	166	<.001	<1	.27	.023	.20	.1	.01	.4	.1	.49	1	<.5	<2	.19
SND05428-25	2.0	64.1	43.5	71	.5	.7	.9	401	1.06	14.1	4.6	37.9	10.4	6	.4	.4	.4	1	.06	.014	16	6.6	.03	48	.001	<1	.23	.031	.18	.1	.01	.4	.1	.40	1	<.5	<2	.08
SND05428-26	2.5	48.3	53.9	70	.3	.9	1.2	480	1.12	12.7	4.1	56.2	11.6	6	.4	2.2	.1	1	.05	.012	17	5.3	.03	46	.001	<1	.22	.033	.18	.1	<.01	.5	.1	.34	1	<.5	<2	.11
SND05428-27	2.1	5.0	37.7	86	<.1	.8	1.5	504	1.12	1.2	4.5	21.5	8.9	6	.2	.2	.1	2	.06	.015	23	8.8	.04	82	.001	<1	.19	.035	.14	<.1	<.01	.5	.1	.10	1	<.5	<2	.06
SND05428-28	1.0	19.3	26.6	63	.3	.8	1.0	329	.91	8.4	3.3	16.2	7.8	4	.3	1.7	.2	1	.04	.010	16	7.9	.02	176	.001	<1	.25	.022	.19	.1	<.01	.4	.1	.26	1	<.5	<2	.05
SND05428-29	.9	51.9	33.1	61	.2	.8	.9	368	1.16	16.2	3.8	28.4	11.0	4	.2	.5	.1	2	.07	.015	20	5.9	.04	44	.001	<1	.20	.032	16	.1	<.01	.5	.1	.37	1	<.5	<2	.02
SND05428-30	.8	36.2	28.9	55	.1	.7	1.1	394	1.19	14.0	3.5	9.5	11.3	4	.2	.4	.1	2	.07	.014	20	5.5	.04	43	.001	<1	.24	.039	.17	.1	<.01	.6	.1	.31	1	<.5	<2	.02
SND05428-33	1.2	24.6	29.4	53	.1	.8	.7	322	1.09	16.6	7.2	168.7	14.8	5	.4	1.8	.2	3	.07	.015	22	4.5	.03	67	.002	<1	.21	.034	.14	.1	.01	.6	.1	.30	1	<.5	<2	.07
SND05428-34	1.3	16.4	54.4	105	.2	.9	1.0	308	.93	2.1	5.4	29.7	10.6	6	.3	.4	.1	3	.07	.014	25	5.3	.03	36	.001	<1	.22	.040	.14	.1	<.01	.5	.1	.07	1	<.5	<2	.05
SND05428-35	1.6	52.9	32.8	56	.6	.7	2.0	514	1.76	14.4	2.2	86.9	10.0	6	.3	.2	1.0	3	.08	.020	29	5.6	.06	82	.001	<1	.20	.034	.14	.1	<.01	.6	.1	.50	1	<.5	<2	.07
SND05428-36	3.2	36.4	74.3	48	.6	.9	1.6	253	1.00	8.7	6.7	167.6	9.1	8	.6	1.6	.6	2	.07	.020	18	5.1	.04	249	<.001	1	.25	.029	.19	<.1	<.01	.5	.1	.32	1	<.5	<2	.09
SND05428-37	1.0	79.0	79.3	56	1.8	.7	2.4	636	1.84	25.9	4.3	97.8	9.5	5	.6	1.9	2.3	2	.07	.023	14	5.2	.05	101	.001	1	.31	.013	25	.1	<.01	.6	.1	.76	1	<.5	2	.19
SND05428-38	1.1	29.4	32.8	69	.9	.8	1.9	512	1.44	10.7	3.3	50.2	8.1	6	.3	1.1	.9	3	.08	.022	17	6.2	.05	227	.001	<1	.24	.035	.17	.1	<.01	.6	.1	.41	1	<.5	<2	.06
SND05428-39	2.7	12.0	31.3	227	.1	1.3	6.1	1910	4.05	1.4	2.4	14.9	10.7	29	.6	.4	.2	20	.36	.106	30	4.3	.35	1091	.001	1	.29	.024	.20	.1	.01	2.6	.1	.06	1	<.5	<2	.02
SND05428-41	6.2	59.5	329.9	136	11.8	2.3	7.5	1181	3.48	54.2	2.0	2097.6	4.4	8	1.4	.4	7.8	7	.20	.056	12	3.5	.10	25	.003	1	.43	.019	.30	.3	.01	2.2	.1	1.91	1	<.5	11	2.30
SND05428-42	6.6	31.7	139.5	368	.3	1.7	6.2	1662	3.35	13.9	2.2	48.8	6.1	27	1.7	.5	.2	15	.32	.089	22	2.9	.20	179	.008	1	.67	.029	.34	.2	<.01	3.5	.2	.55	2	<.5	<2	.17
RE SND05428-42	4.1	36.4	143.7	374	.3	1.7	7.0	1689	3.40	14.9	3.7	69.1	6.9	29	1.8	.5	.2	15	.32	.094	23	3.1	.20	192	.009	3	.68	.033	.37	.1	<.01	3.7	.2	.59	2	<.5	<2	.15
RRE SND05428-42	2.1	32.2	145.5	358	.3	1.6	6.7	1632	3.32	13.4	2.2	64.7	7.0	29	1.7	.4	.2	15	.32	.091	23	3.5	.20	197	.009	<1	.60	.025	.30	.2	<.01	3.6	.2	.56	2	<.5	<2	.14
SND05429-1	.9	197.0	15.0	22	5.5	.7	2.2	489	1.67	35.4	4.1	938.9	8.5	4	.3	.1	9.3	3	.07	.025	20	5.3	.04	39	.004	1	.33	.027	.22	.1	<.01	.7	.1	1.17	1	<.5	4	1.45
SND05429-2	1.1	11.6	2.7	24	<.1	.8	1.7	1258	1.08	1.2	3.3	7.9	9.2	4	<.1	.1	.1	6	.08	.026	25	5.2	.09	42	.009	1	.33	.033	.19	.1	<.01	.8	.1	<.05	1	<.5	<2	.01
SND05429-3	1.2	242.1	191.9	24	2.3	.9	3.8	69	1.28	59.2	12.2	619.5	8.8	5	1.2	.6	1.3	2	.03	.007	9	5.4	.02	44	.001	1	.30	.014	.24	.1	<.01	.4	.1	1.16	1	<.5	3	.50
SND05429-4	1.2	103.5	64.8	34	18.0	.9	7.2	521	3.06	30.1	4.6	9990.7	9.7	3	.5	.6	20.1	3	.05	.018	9	3.9	.02	35	.001	<1	.31	.017	.25	.1	.03	.5	.1	2.60	1	<.5	14	13.36
SND05429-5	1.5	218.1	76.2	33	4.9	.8	1.2	721	2.86	200.4	4.7	785.1	9.8	2	.5	1.1	4.0	2	.05	.019	7	5.1	.03	26	.001	<1	.29	.004	.27	.2	.01	.4	.1	2.21	1	<.5	6	3.93
SND05429-6	1.2	101.3	104.3	44	1.1	.8	2.1	468	1.68	148.1	5.4	68.3	9.1	3	.8	1.2	.4	2	.04	.020	9	4.6	.02	37	.001	2	.29	.007	.25	.2	<.01	.5	.1	1.25	1	<.5	<2	.13
SND05429-7	1.0	98.7	25.1	43	1.9	.9	1.6	780	1.85	94.9	3.4	1419.2	9.5	6	.3	.5	.8	3	.07	.022	14	5.6	.04	50	.004	<1	.32	.021	.23	.1	.01	.7	.1	1.10	1	<.5	<2	1.22
SND05429-8	1.0	94.3	21.7	42	1.9	1.1	1.5	700	1.60	124.4	3.6	506.8	11.0	6	.4	.6	.9	3	.07	.023	17	3.3	.04	52	.004	<1	.29	.021	.21	.1	<.01	.7	.1	.83	1	<.5	2	.72
SND05429-9	1.2	5.7	3.2	20	<.1	.8	1.7	642	1.30	1.0	2.9	1.3	11.5	6	<.1	.1	<.1	12	.20	.023	27	5.4	.19	75	.046	<1	.41	.056	.21	.1	<.01	1.5	.1	<.05	2	<.5	<2	<.01
SND05429-10(pulp)	21.5	53.9	417.5	32	5.0	1169.4	28.5	397	2.29	58.0	.5	31173.0	3.3	19	.1	.6	4.4	30	.49	.032	14	1455.6	.61	151	.044	4	1.01	.044	.29	13.3	.01	2.2	.1	<.05	3	<.5	5	33.75
STANDARD DS6/R-2a/0xL34	11.5	124.0	29.2	146	.3	24.8	10.7	716	2.84	21.1	6.6	45.9	3.0	40	6.0	3.2	5.0	56	.86	.077	14	187.8	.59	162	.082	16	1.94	.073	.16	3.3	.23	3.3	1.7	<.05	6	4.5	154	5.75

Sample type: DRILL CORE R150. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Ag** gm/mt	Au** gm/mt
SND05429-11	1.1	103.8	49.7	36	2.0	.8	2.0	428	1.16	24.5	5.0	697.6	9.4	14	.4	1.2	.1	3	.05	.023	11	2.9	.02	162	.001	2	.37	.018	.27	.1	<.01	.8	.1	.70	1	<.5	2	1.18
SND05429-12	1.0	82.9	56.5	58	.6	.9	1.6	721	1.61	24.8	3.4	327.9	10.0	6	.4	2.6	.5	4	.07	.024	16	2.2	.05	126	.004	1	.20	.015	.16	.1	.01	.7	.1	.74	1	<.5	<2	.24
SND05429-13	4.4	44.1	294.9	103	2.0	1.6	3.0	74	1.21	1351.5	16.5	803.7	9.5	12	2.4	3.0	.3	2	.06	.025	11	3.2	.02	72	.001	2	.35	.011	.32	.2	.03	.6	.1	1.18	1	<.5	2	1.77
SND05429-14	1.4	13.6	19.4	17	.2	.5	1.4	112	.41	9.0	3.5	33.7	8.7	8	.2	.2	.1	2	.07	.025	20	3.6	.04	48	.008	1	.20	.023	.15	.1	<.01	.6	.1	.15	1	<.5	<2	.13
SND05429-15	1.5	577.4	159.3	76	12.0	.6	2.4	87	1.75	126.8	4.1	1612.8	8.5	4	2.3	1.3	6.2	1	.05	.023	8	2.8	.01	34	.001	1	.28	.008	.26	.1	<.01	.4	.1	1.86	1	<.5	10	3.11
SND05429-16	2.4	153.9	72.7	49	.5	.7	1.4	643	1.74	23.2	3.0	100.4	8.5	7	.5	.6	.7	3	.06	.021	12	2.9	.05	114	.004	4	.25	.014	.20	.1	<.01	.7	.1	.74	1	<.5	<2	.21
SND05429-17	2.0	106.8	80.6	69	.5	.7	1.2	752	1.14	16.9	4.1	7.5	9.7	7	.7	.5	.3	3	.06	.019	15	2.9	.04	62	.003	1	.29	.019	.19	.1	.01	.8	.1	.11	1	<.5	<2	.02
SND05429-18	1.6	62.8	15.8	46	.5	.7	1.7	713	1.41	21.5	3.9	10.9	9.7	4	.6	.1	.1	3	.07	.024	19	2.9	.06	39	.009	1	.25	.021	.19	.1	<.01	.8	.1	.53	1	<.5	<2	.02
SND05429-19	1.5	137.2	227.2	55	10.6	.7	1.8	318	1.72	60.9	3.1	11851.3	9.8	11	.9	1.8	3.9	4	.06	.022	16	2.9	.05	72	.011	1	.29	.024	.22	.1	.01	.8	.1	1.41	1	<.5	8	6.38
SND05429-20	1.6	155.0	35.0	36	2.8	.7	2.7	983	2.26	24.9	3.5	304.1	9.4	2	.5	.1	5.1	4	.07	.021	15	3.2	.07	42	.008	1	.27	.016	.21	.1	<.01	.7	.1	1.36	1	<.5	5	.97
SND05429-21	1.5	18.0	5.2	43	.1	.5	1.6	1348	1.49	6.4	3.5	5.9	10.9	4	.1	.1	.1	7	.09	.023	19	2.8	.10	59	.020	2	.29	.037	.18	.1	<.01	1.0	.1	.20	2	<.5	<2	.01
SND05429-22	1.6	28.2	3.3	46	.1	.5	1.8	1780	1.60	5.6	4.0	.7	10.5	4	<.1	.1	.1	8	.10	.025	20	4.1	.11	126	.025	4	.27	.034	.18	.1	<.01	1.1	.1	.26	2	<.5	<2	.01
SND05429-23	1.4	20.9	4.7	26	.3	.5	2.0	578	.99	3.5	3.4	12.7	10.0	4	.1	.1	.2	6	.08	.024	23	5.4	.09	50	.020	2	.27	.040	.18	.1	<.01	1.0	.1	.15	2	<.5	<2	.03
SND05429-24	1.5	96.3	5.4	49	.8	.6	2.0	1236	1.83	23.9	3.1	102.2	8.9	3	.2	<.1	.4	4	.08	.022	14	2.7	.07	34	.008	<1	.25	.018	.19	.1	<.01	.7	.1	.57	1	<.5	<2	.13
SND05429-25	1.1	53.2	17.2	35	.4	.6	2.5	700	1.27	12.7	2.5	25.5	9.7	4	.3	.1	.2	6	.08	.027	29	3.5	.09	233	.016	2	.29	.026	.22	.1	<.01	1.0	.1	.33	1	<.5	<2	.03
SND05429-26	8.4	14.9	46.7	59	.1	.7	1.8	478	.80	4.7	3.4	1.9	9.8	11	.4	.8	.1	4	.07	.021	17	3.1	.03	72	.006	<1	.22	.026	.13	.1	<.01	.8	.1	.07	1	<.5	<2	.01
SND05429-27	1.4	33.7	67.9	72	1.9	.9	3.5	651	1.50	19.5	4.9	183.0	9.6	20	.6	1.1	1.8	3	.07	.021	15	3.4	.04	135	.005	<1	.26	.020	.15	.1	<.01	.7	.1	.71	1	<.5	3	.30
SND05429-28	1.3	18.8	58.3	75	.1	.6	1.7	675	.87	8.3	6.2	4.4	10.3	23	.7	.6	.1	3	.06	.023	16	2.2	.03	160	.003	1	.25	.017	.14	.1	<.01	.7	.1	.07	1	<.5	<2	.01
SND05429-31	1.5	54.6	475.7	107	1.5	3.4	5.6	533	.94	15.6	2.7	754.5	12.7	10	1.4	7.0	.1	5	.07	.021	22	3.7	.06	515	.014	2	.24	.033	.15	.1	.02	.9	.2	.16	1	<.5	<2	1.80
SND05429-32	1.2	23.7	72.1	76	.3	2.3	2.6	458	.84	6.6	3.3	124.3	10.6	13	.9	3.0	.1	3	.07	.019	19	2.8	.04	415	.006	1	.22	.026	.14	.1	<.01	.8	.1	.17	1	<.5	<2	.27
SND05429-33	1.3	8.1	41.5	102	.2	.7	1.5	618	1.01	2.4	2.9	209.9	9.9	5	.4	.4	.2	5	.07	.020	21	3.1	.07	265	.019	<1	.24	.035	.15	.1	<.01	.8	.1	<.05	1	<.5	<2	.49
RE SND05429-33	1.5	7.7	42.5	103	.2	.8	1.6	617	1.00	2.5	2.8	198.2	9.8	6	.4	.4	.2	5	.07	.020	23	3.5	.07	279	.020	1	.23	.035	.16	.1	<.01	1.0	.1	.07	1	<.5	<2	.70
RRE SND05429-33	1.2	7.1	33.8	100	<.1	.8	1.3	591	.95	1.6	3.0	7.8	9.6	6	.5	.4	.1	5	.07	.021	22	2.8	.07	235	.022	1	.23	.033	.15	.1	<.01	.9	.1	<.05	1	<.5	<2	.08
SND05429-34	1.3	23.6	47.5	95	.1	.7	1.6	610	.88	4.3	3.0	13.4	9.0	6	.7	1.1	<.1	2	.06	.018	16	3.3	.04	78	.004	1	.23	.028	.15	.1	.01	.7	.1	.10	1	<.5	<2	.02
SND05429-35	1.3	11.1	125.8	122	.4	.8	2.9	523	.71	12.8	7.5	190.0	8.5	25	.9	.6	.3	1	.05	.012	16	2.4	.02	451	<.001	2	.20	.013	.15	.1	.01	.5	.1	.21	1	<.5	<2	.19
SND05429-36	1.9	12.1	35.8	85	<.1	.5	.9	398	.60	.8	2.4	5.6	10.8	10	.4	.2	.1	2	.07	.018	20	4.0	.02	36	.001	2	.17	.031	.10	.1	<.01	.5	.1	<.05	1	<.5	<2	.03
SND05429-38	2.0	2.6	21.7	63	<.1	.6	1.0	659	.74	.9	3.7	3.0	11.4	10	.2	.1	<.1	1	.06	.015	23	4.0	.02	94	<.001	2	.15	.025	.11	<.1	.01	.5	.1	<.05	<1	<.5	<2	.01
SND05429-39	2.3	40.3	183.7	102	.5	.8	1.4	430	.98	27.1	6.2	137.1	9.7	12	1.3	2.4	.3	1	.06	.016	15	2.8	.03	62	.001	2	.20	.020	.17	.1	.02	.4	.1	.47	1	<.5	<2	.01
SND05429-40	2.4	15.6	136.7	56	.1	.6	1.4	200	.45	8.1	7.5	36.5	8.5	18	.4	.7	<.1	1	.06	.015	23	2.7	.02	77	<.001	1	.19	.022	.15	.1	<.01	.4	.1	.13	1	<.5	<2	.04
SND05429-41	2.0	9.9	30.2	69	<.1	.4	1.1	520	.82	4.3	4.0	16.1	7.9	11	.2	.2	.1	2	.06	.018	20	2.9	.03	103	.001	<1	.21	.025	.13	.1	<.01	.6	.1	.08	1	<.5	<2	.04
SND05429-42	2.1	11.8	160.9	71	.2	.7	1.7	246	.58	6.7	8.3	44.7	8.5	20	.3	.5	.2	1	.05	.012	20	3.4	.03	136	<.001	3	.21	.017	.16	.1	.02	.4	.1	.19	1	<.5	<2	.08
SND05429-43	2.7	30.9	66.2	54	.3	.5	1.3	300	.74	13.8	5.8	32.8	8.0	12	.4	1.8	.2	1	.04	.013	20	2.4	.03	80	<.001	5	.20	.024	.15	<.1	<.01	.4	.1	.16	1	<.5	<2	.06
SND05429-44	2.8	9.7	92.6	185	.5	.6	1.9	421	.82	3.7	14.7	50.7	9.4	40	1.2	.8	.4	1	.06	.013	19	2.6	.04	688	<.001	3	.26	.013	.15	.2	.01	.5	.1	.07	1	<.5	2	.07
SND05429-45	.9	21.9	55.0	145	.1	.7	2.9	876	1.61	3.1	5.1	5.1	19.4	12	.9	1.1	.2	7	.14	.041	13	1.8	.09	408	.001	2	.24	.025	.16	.1	.01	1.3	.1	.12	1	<.5	<2	.02
STANDARD DS6/R-	11.5	121.6	29.0	142	.3	24.5	10.5	703	2.81	20.7	6.6	44.6	2.9	40	5.9	3.1	4.9	56	.85	.078	14	185.9	.57	162	.082	17	1.90	.073	.15	3.4	.23	3.2	1.7	<.05	6	4.4	155	5.76

Standard is STANDARD DS6/R-2a/OxL34. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data A FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Ag** gm/mt	Au** gm/mt
SND05429-46	2.7	122.0	54.9	238	.3	2.3	7.8	1836	4.78	20.8	3.1	39.5	10.1	13	.7	.7	.2	28	.36	.112	21	4.8	.38	105	.052	4	.57	.028	.35	.3	.01	3.8	.2	1.06	3	<.5	<2	.04
SND05429-48	5.5	11.7	9.8	11	<.1	.5	.8	72	.58	1.1	1.2	2.3	6.9	7	<.1	.2	<.1	5	.05	.017	23	4.6	.04	69	.011	1	.18	.026	.09	.1	<.01	.6	.1	<.05	1	<.5	<2	<.01
SND05429-49	1.1	26.9	2.7	46	<.1	1.3	6.4	1080	2.94	.8	3.1	.5	8.4	25	<.1	.2	<.1	49	1.15	.094	24	4.2	.77	254	.185	2	1.05	.058	.48	.1	<.01	5.0	.2	<.05	6	<.5	<2	.01
SND05429-50(pulp)	17.4	49.2	402.3	31	4.5	893.5	23.9	362	2.10	54.6	.5	30488.7	3.3	19	.1	.5	4.7	28	.47	.030	13	1103.4	.57	140	.044	6	.97	.044	.27	13.3	.01	2.4	.1	<.05	3	.5	5	35.10
SND05429-51	1.7	9.6	61.4	70	<.1	.8	1.8	250	.77	2.3	6.1	24.7	8.8	26	.3	.7	.1	3	.07	.012	23	3.9	.04	163	.001	3	.27	.027	.15	.1	<.01	.6	.1	.07	1	<.5	<2	.06
SND05429-52	4.7	124.4	65.8	41	.7	1.1	6.2	394	1.48	24.1	2.0	32.1	7.0	10	.7	.4	2.7	4	.05	.011	28	3.5	.05	130	.001	1	.21	.029	.13	.1	<.01	.4	.1	.54	1	.5	<2	.06
RE SND05429-52	4.7	123.8	69.9	41	.6	1.1	6.3	395	1.49	25.7	2.4	36.4	7.5	10	.9	.4	2.5	4	.05	.012	28	4.6	.05	145	.001	5	.21	.031	.14	.1	<.01	.4	.1	.58	1	<.5	<2	.05
RRE SND05429-52	5.7	130.7	68.9	41	.7	.7	6.0	402	1.45	26.8	2.5	28.8	7.6	10	.9	.5	2.1	4	.06	.012	30	3.6	.05	178	.001	4	.19	.029	.13	.1	<.01	.4	.1	.54	<1	<.5	<2	.04
SND05429-53	1.5	25.0	4.4	66	<.1	2.0	8.5	1188	3.51	3.9	3.2	5.8	8.0	24	.1	.1	.1	52	1.02	.103	19	4.7	.80	432	.233	1	1.13	.057	.71	<.1	<.01	4.5	.3	.08	7	<.5	<2	<.01
SND05429-54	2.5	304.2	389.6	581	10.7	2.9	10.1	1334	6.24	24.3	3.5	676.4	5.3	11	2.4	.8	42.2	52	.44	.106	16	4.1	.45	29	.140	3	.83	.038	.50	.2	<.01	4.6	.3	2.89	5	.5	10	.89
SND05429-55	6.3	75.6	37.9	269	.3	1.9	7.7	2087	7.19	19.9	3.3	107.6	12.0	15	.5	.8	.9	107	.60	.211	27	6.2	.32	158	.038	2	.45	.025	.24	.2	.01	3.3	.2	.67	5	<.5	<2	.12
SND05430-1	1.0	104.9	4.4	9	<.1	1.0	1.5	67	.64	39.3	11.2	21.8	8.9	4	.1	.2	.1	4	.04	.018	19	2.6	.03	39	.004	4	.35	.030	.19	.1	.01	.8	.1	.26	1	<.5	<2	.02
SND05430-2	1.6	185.2	52.3	22	3.8	1.0	2.3	47	1.00	27.8	9.4	1012.2	8.5	11	2.2	.7	.6	3	.02	.017	12	3.4	.02	103	.002	4	.34	.014	.21	.1	.01	.7	.1	.79	1	<.5	6	1.55
SND05430-3	1.3	6.3	42.8	73	<.1	.8	2.3	621	.86	411.0	6.2	27.5	9.2	5	.4	.5	<.1	4	.06	.022	18	3.0	.02	38	.001	2	.25	.022	.15	.1	<.01	1.0	.1	.11	1	<.5	<2	.04
SND05430-4	1.6	55.1	78.9	88	.4	1.4	2.6	1224	1.62	89.1	4.1	16.4	9.7	8	.9	.2	.1	4	.11	.035	14	3.5	.05	64	.001	1	.33	.024	.23	.1	<.01	1.2	.1	.38	1	<.5	<2	.02
SND05430-5	1.3	724.8	8.4	71	3.8	.9	1.9	1256	2.36	16.2	3.6	1318.6	9.9	4	.9	.1	2.9	7	.09	.025	19	3.5	.11	69	.016	1	.35	.030	.24	.2	<.01	1.1	.1	.97	2	<.5	5	3.17
SND05430-6	1.7	128.3	71.0	72	2.3	1.3	2.2	810	1.61	49.7	4.1	780.6	10.3	8	.6	1.0	.6	4	.07	.027	20	2.6	.05	59	.008	<1	.28	.019	.20	.1	.01	.9	.1	.83	1	<.5	2	1.12
SND05430-7	1.2	8.0	3.0	26	<.1	.8	1.7	1937	1.63	2.3	3.2	6.9	11.4	5	<.1	.1	.1	10	.08	.025	20	3.3	.15	68	.030	3	.37	.048	.21	.1	<.01	1.3	.1	.08	2	<.5	<2	.02
SND05430-8	1.2	72.6	5.7	26	.3	.8	2.0	1437	1.49	17.5	3.1	1.4	9.5	4	.2	.2	.1	8	.08	.023	14	4.2	.13	52	.023	1	.35	.043	.20	.1	<.01	1.2	.1	.14	2	<.5	<2	.01
SND05430-9	1.0	6.7	5.0	28	<.1	.7	1.6	473	.81	1.6	4.2	3.4	9.6	3	<.1	.1	.1	6	.07	.023	28	4.4	.09	42	.011	1	.32	.026	.19	.1	<.01	.9	.1	<.05	1	<.5	<2	<.01
SND05430-10	1.0	13.4	4.0	32	<.1	1.1	2.0	1100	1.35	1.3	3.5	109.9	11.3	5	.1	.2	<.1	8	.11	.028	26	3.5	.12	55	.023	1	.34	.050	.18	.1	<.01	1.1	.1	.09	2	<.5	<2	.01
SND05430-11	1.0	9.1	4.3	26	<.1	.8	1.7	776	1.21	2.8	3.0	18.0	9.5	5	.1	.1	.1	8	.07	.023	25	4.1	.14	57	.028	2	.36	.041	.20	.1	<.01	1.3	.1	.11	2	<.5	<2	<.01
SND05430-12	1.1	4.9	7.1	40	<.1	.6	1.9	1137	1.40	1.9	3.1	4.0	11.2	4	.1	.1	.1	9	.10	.024	18	4.2	.13	204	.025	1	.33	.036	.18	.1	.01	1.3	.1	.09	2	<.5	<2	.01
SND05430-13	1.3	16.7	20.4	41	.4	.9	2.2	1110	1.62	7.5	3.4	76.4	10.4	5	.2	.1	.2	8	.08	.023	18	4.3	.13	89	.025	1	.35	.047	.20	.1	<.01	1.1	.1	.37	2	<.5	<2	.12
SND05430-16	1.1	40.7	125.2	46	.3	1.1	2.8	66	.67	19.7	9.5	24.0	10.3	21	.6	.5	.1	2	.03	.022	14	2.9	.02	233	.001	<1	.31	.020	.18	.1	.02	.7	.2	.48	1	<.5	<2	.04
SND05430-17	6.4	227.0	1213.7	81	2.6	1.0	4.0	358	1.84	91.5	10.6	612.4	10.4	9	2.6	5.0	1.2	1	.04	.018	9	3.2	.02	72	.001	<1	.28	.009	.22	.1	.02	.6	.3	1.67	1	<.5	4	1.52
SND05430-18	2.1	46.9	319.4	67	2.8	1.0	3.4	521	1.80	34.3	3.0	930.2	10.2	11	.8	1.3	1.8	4	.06	.021	14	2.6	.04	77	.003	2	.30	.017	.19	.1	.01	.8	.1	1.37	1	<.5	4	.96
SND05430-19	4.4	5.0	389.7	137	.3	1.1	2.0	572	.95	4.7	3.4	75.4	9.1	16	.7	.4	.1	4	.06	.018	20	3.7	.04	68	.002	3	.29	.027	.16	.1	<.01	.9	.1	.08	1	<.5	<2	.06
SND05430-20	1.9	59.8	556.9	73	.4	.8	1.3	366	.91	30.4	6.7	74.3	10.3	10	.7	1.0	.1	2	.05	.014	15	2.8	.02	60	<.001	3	.29	.023	.21	.1	.01	.5	.1	.52	1	<.5	<2	.13
SND05430-21	2.3	68.5	385.4	170	.7	1.0	3.3	1017	1.82	34.1	5.0	166.0	9.7	10	1.3	1.0	.3	1	.05	.012	14	3.5	.02	88	<.001	3	.32	.010	.22	<.1	.02	.6	.1	.87	1	<.5	<2	.24
SND05430-22	2.2	27.8	153.4	119	<.1	1.1	1.0	580	.84	11.5	13.9	52.5	11.4	10	.4	.7	.1	1	.05	.015	17	4.2	.02	50	<.001	2	.22	.016	.17	<.1	.02	.5	.1	.24	1	<.5	<2	.04
SND05430-24	1.7	5.9	164.4	141	<.1	1.2	1.3	822	1.01	2.5	8.7	6.7	9.7	23	.4	.3	.1	2	.06	.016	21	3.0	.03	56	<.001	3	.30	.028	.15	<.1	.01	.7	.1	.06	1	<.5	<2	.02
SND05430-25	2.0	6.0	365.6	167	.2	1.2	1.8	1166	1.25	3.4	9.3	41.6	10.5	59	.6	.3	.1	2	.07	.017	25	2.0	.04	58	<.001	3	.31	.021	.17	.1	<.01	.7	.1	<.05	1	<.5	<2	.06
SND05430-26	2.2	428.2	532.3	152	25.0	.8	1.5	792	2.47	119.0	5.6	13590.9	9.5	14	3.3	5.6	14.7	2	.04	.015	11	3.3	.03	77	<.001	2	.29	.013	.22	.1	.03	.5	.1	1.80	1	<.5	26	17.21
STANDARD DS6/R-2a/OxL34	11.6	123.5	29.3	140	.3	24.8	10.7	701	2.80	20.7	6.7	44.5	2.9	40	5.9	2.9	5.1	56	.85	.077	13	188.7	.57	162	.080	17	1.89	.072	.15	3.3	.22	3.3	1.7	<.05	6	4.5	161	5.80

Sample type: DRILL CORE R150. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Ag** gm/mt	Au** gm/mt
SND05430-27	3.4	267.0	297.4	147	4.8	9	1.6	757	2.06	54.8	2.8	3924.3	8.6	10	1.2	2.2	3.5	1	.04	.013	10	4.4	.03	73	.001	4	.31	.011	.25	.2	.07	.5	.1	1.33	1	<.5	6	6.13
SND05431-1	1.9	72.4	143.5	10	13.8	.5	1.0	28	1.49	87.4	2.3	7872.2	7.8	6	.1	2.2	9.8	1	.01	.008	9	3.2	.01	45	.001	<1	.26	.009	.20	.1	.02	.5	.1	1.08	1	<.5	8	5.23
SND05431-2	.7	22.5	67.7	11	.6	.5	.3	31	.56	9.5	2.8	107.0	11.0	8	.1	.8	.6	4	.03	.013	20	2.3	.01	53	.002	4	.25	.026	.13	.1	.01	.9	.1	.26	1	<.5	<2	.26
SND05431-3	1.1	121.3	66.3	43	2.8	.8	1.1	354	1.35	26.1	3.4	389.2	11.3	7	.5	.8	1.5	2	.07	.023	21	2.8	.03	123	.001	5	.24	.021	.18	.1	<.01	.6	.1	.81	1	<.5	<2	.88
SND05431-4	1.4	30.9	4.2	31	1.8	.8	3.4	1141	1.42	29.1	3.5	874.3	11.1	4	.1	.4	.9	7	.08	.026	21	3.4	.11	79	.014	<1	.27	.033	.18	.1	<.01	1.0	.1	.41	1	<.5	2	1.25
SND05431-5	.9	50.8	7.3	30	.5	.7	2.4	1507	1.68	77.7	4.1	9.0	10.4	4	.1	.2	.4	8	.08	.024	23	4.0	.12	45	.018	<1	.28	.028	.17	.1	<.01	1.0	.1	.37	2	<.5	<2	.02
SND05431-6	1.1	39.9	13.2	30	1.4	.7	2.3	1822	1.88	64.5	3.7	42.5	11.1	4	.1	.2	.9	7	.08	.024	21	3.4	.12	42	.017	6	.28	.031	.17	.1	<.01	1.0	.1	.43	2	<.5	<2	.06
SND05431-7	1.0	4.3	2.5	29	<.1	.8	3.6	635	1.89	.8	2.2	1.7	6.0	13	<.1	.1	.1	23	.48	.063	13	4.0	34	172	.115	2	.55	.055	.39	.1	.01	1.9	.2	<.05	3	<.5	<2	.03
SND05431-8(pulp)	15.0	281.3	316.7	347	4.7	168.7	23.4	496	3.30	194.0	3.3	10669.9	2.2	45	2.3	15.1	4.2	44	1.15	.040	5	276.8	.46	60	.032	3	.97	.029	.32	6.2	.39	4.2	.6	1.24	4	1.3	6	10.01
SND05431-9	1.2	34.6	3.2	42	.1	.9	2.2	1061	1.49	2.1	3.7	2.0	11.8	5	.1	.2	.2	8	.10	.024	14	3.1	.10	99	.013	1	.27	.032	.16	.1	<.01	1.1	.1	.14	2	<.5	<2	.01
SND05431-10	.9	42.7	58.0	71	.4	.9	1.9	876	1.18	33.4	2.8	17.6	9.1	7	.5	.4	.2	2	.05	.022	13	3.2	.02	64	.001	6	.24	.015	.18	.2	<.01	.7	.1	.46	1	<.5	<2	.08
SND05431-11	1.3	13.5	113.4	43	.3	1.0	2.3	343	.65	45.5	12.1	95.4	9.9	8	.7	.2	.1	3	.07	.022	18	3.5	.02	57	.003	7	.22	.025	.15	.1	<.01	.7	.1	.21	1	<.5	<2	.14
SND05431-12	1.1	99.1	73.8	47	1.0	.7	2.1	543	1.57	68.3	4.2	216.1	7.3	5	.8	.7	.4	2	.04	.017	9	2.8	.02	47	.001	3	.24	.010	.19	.1	.02	.4	.1	1.05	1	<.5	<2	.27
SND05431-13	1.0	10.0	47.7	66	<.1	.8	2.0	607	.92	3.1	4.2	7.1	11.2	7	.4	.5	<.1	6	.10	.033	23	2.7	.06	56	.011	6	.22	.028	.14	<.1	<.01	1.2	.1	.08	1	<.5	<2	.05
SND05431-14	1.3	5.0	81.4	63	<.1	.7	2.1	744	.73	5.2	9.7	24.3	8.6	15	.3	.2	<.1	2	.05	.023	19	2.7	.02	161	<.001	5	.22	.020	.14	.1	.01	.6	.1	.09	1	<.5	<2	.06
SND05431-15	1.5	89.6	91.1	39	.9	.7	1.4	543	1.35	27.7	4.4	102.7	8.9	9	.4	1.0	.3	2	.06	.019	13	2.9	.03	81	.001	3	.23	.018	.18	.1	<.01	.6	.1	.70	1	<.5	<2	.15
SND05431-16	2.0	190.9	139.7	94	1.3	.9	2.9	1297	2.20	62.0	2.9	75.0	8.8	10	1.0	1.6	.2	3	.11	.038	11	2.5	.04	89	.001	5	.30	.015	.24	.1	.01	.9	.1	1.22	1	<.5	<2	.14
SND05431-17	1.5	18.2	68.9	66	.2	.7	2.1	526	.87	9.9	4.2	66.1	9.4	11	.5	.4	.1	3	.06	.019	15	3.7	.02	106	.001	1	.22	.023	.15	.1	.01	.6	.1	.26	1	<.5	<2	.07
SND05431-18	1.9	113.8	177.9	62	4.5	.6	2.2	564	1.30	40.1	4.5	915.7	10.7	9	.7	2.2	1.7	2	.06	.020	16	3.6	.03	68	.001	2	.22	.023	.16	.1	.02	.7	.1	.65	1	<.5	7	1.86
SND05431-19	1.3	17.7	87.0	77	<.1	.6	1.6	472	.71	2.9	3.7	5.9	9.5	14	.7	.2	<.1	5	.07	.023	22	2.2	.03	1176	.005	5	.22	.032	.13	<.1	.01	.9	.1	.06	1	<.5	<2	.06
SND05431-20	1.3	11.5	118.4	104	<.1	.7	1.8	663	.90	2.0	3.9	15.7	9.9	13	.5	.2	.1	5	.08	.023	23	3.0	.03	964	.005	7	.20	.031	.12	<.1	.01	.9	.1	<.05	1	<.5	<2	.04
SND05431-21	1.4	9.3	59.0	153	<.1	.5	1.5	1011	.99	2.5	7.0	41.9	9.0	6	.6	.5	<.1	2	.07	.021	18	3.3	.03	1026	<.001	4	.20	.027	.15	<.1	.01	.6	.1	.07	1	<.5	<2	.02
SND05431-23	4.2	53.0	241.4	236	.9	.9	1.7	1156	1.31	12.6	7.0	109.4	9.5	18	1.2	6.4	.2	1	.06	.016	19	2.1	.02	59	<.001	3	.25	.022	.18	.1	.02	.7	.1	.15	1	<.5	<2	.15
SND05431-24	1.6	9.1	49.1	128	<.1	.6	1.1	519	.79	1.4	2.2	14.5	8.5	13	.5	4	.1	3	.06	.017	21	5.4	.03	75	.002	3	.21	.034	.13	<.1	<.01	.7	.1	<.05	1	<.5	<2	.03
SND05431-25	2.4	55.3	263.7	119	.3	.6	1.6	405	.72	11.9	2.2	11.1	7.4	20	2.0	1.9	.3	1	.05	.017	18	2.3	.02	92	<.001	1	.24	.017	.20	.1	.01	.4	.1	.26	1	<.5	<2	.02
SND05431-26	2.0	77.6	363.0	113	.4	.8	2.0	365	.93	17.8	2.4	20.5	8.1	18	3.6	1.9	.4	1	.05	.017	16	2.0	.02	93	.001	1	.27	.024	.22	<.1	.01	.6	.2	.55	1	<.5	<2	.04
RE SND05431-26	2.0	79.0	362.6	111	.5	.7	1.8	368	.93	17.1	2.2	19.4	7.9	17	3.2	1.8	.4	1	.04	.016	16	1.9	.02	88	<.001	2	.27	.023	.20	.1	.01	.4	.1	.50	1	<.5	<2	.03
RRE SND05431-26	1.7	69.6	370.2	108	.6	.9	1.8	379	.97	16.6	2.1	29.1	7.6	17	3.0	1.8	.5	1	.04	.015	16	2.7	.02	88	<.001	5	.26	.020	.19	.1	.01	.4	.1	.48	1	<.5	<2	.04
SND05432-1	1.1	30.8	8.2	49	.3	.7	2.1	960	1.37	7.1	3.2	31.9	10.4	4	.2	.1	.1	7	.08	.024	10	2.6	.10	46	.017	<1	.27	.033	.15	.1	<.01	1.0	.1	.30	2	<.5	<2	.03
SND05432-2	1.1	10.7	5.4	31	.2	.7	2.1	2084	1.60	2.5	2.7	17.4	10.6	4	.1	.1	.1	7	.10	.023	18	4.3	.12	65	.021	5	.29	.036	.18	<.1	<.01	1.0	.1	.10	2	<.5	<2	.18
SND05432-3	.9	76.5	49.5	19	.5	.6	.9	87	.60	22.5	3.8	9.7	8.6	3	.5	.1	.1	3	.04	.017	19	3.4	.04	41	.005	1	.28	.017	.21	.1	<.01	.6	.1	.22	1	<.5	<2	.01
SND05432-4	1.5	272.7	245.9	42	2.4	.5	1.5	341	2.19	111.8	3.1	271.7	9.6	5	.7	1.0	1.7	2	.07	.027	10	2.3	.02	42	.001	5	.28	.012	.24	.1	.01	.6	.1	2.13	1	<.5	3	.58
SND05432-5	1.5	45.3	99.8	56	.6	.8	1.7	430	.91	22.4	4.0	533.2	8.6	8	.6	.2	.2	1	.06	.024	12	3.0	.02	54	.001	4	.26	.012	.23	.1	.01	.4	.1	.56	1	<.5	<2	.04
SND05432-6	1.7	133.7	148.1	73	13.4	1.0	3.5	643	2.01	36.4	4.6	5827.5	7.9	12	.7	1.3	1.9	2	.06	.022	10	3.1	.03	70	<.001	2	.25	.014	.19	.1	.04	.5	.2	1.38	1	<.5	8	5.48
STANDARD DS6/R-2a/OxL34	11.3	122.6	29.3	142	.3	24.6	10.6	704	2.81	20.6	6.6	46.0	2.9	40	6.0	3.1	4.9	55	.85	.079	13	186.5	.57	162	.081	18	1.90	.075	.15	3.3	.23	3.3	1.7	<.05	6	4.5	156	5.95

Sample type: DRILL CORE R150. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data A FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Ag** gm/mt	Au** gm/mt
SND05432-7	1.0	9.5	58.5	73	.1	.8	1.6	718	.97	4.3	3.0	5.1	10.2	10	.3	.4	.1	5	.08	.025	22	1.6	.03	155	.003	<1	.19	.030	.10	.1	.01	.9	.1	.10	1	<.5	<2	.03
SND05432-8	1.7	19.6	242.4	45	1.0	1.1	3.7	116	.69	21.6	15.8	354.2	7.2	11	.5	.7	.8	1	.05	.013	12	2.7	.02	77	.001	<1	.23	.010	.18	.1	.02	.2	.1	.62	1	<.5	<2	.72
SND05432-9	2.1	30.2	88.5	47	.6	.7	3.0	478	.98	18.7	5.4	96.9	8.5	6	.6	5.5	.1	2	.06	.020	15	2.3	.03	40	.003	1	.22	.023	.15	.1	<.01	.6	.1	.42	1	<.5	<2	.18
SND05432-10	1.5	8.8	145.7	50	.4	.4	1.5	52	.39	20.5	13.2	99.5	5.9	8	.6	.6	<.1	1	.04	.014	12	4.0	.01	46	<.001	3	.17	.014	.12	<.1	.01	.2	.1	.29	<1	<.5	<2	.26
RE SND05432-10	4.2	9.0	143.9	53	.6	.6	1.7	50	.38	22.1	14.1	301.9	5.9	9	.7	.6	<.1	1	.04	.015	12	4.0	.01	47	<.001	1	.16	.015	.13	<.1	.01	.2	.1	.28	<1	<.5	<2	.24
RRE SND05432-10	1.4	9.5	153.0	54	.4	.5	1.6	53	.39	21.7	13.7	102.6	5.9	9	.6	.6	<.1	1	.04	.015	13	3.7	.01	52	<.001	<1	.18	.016	.14	<.1	.01	.3	.1	.30	<1	<.5	<2	.24
SND05432-11	1.0	6.7	262.7	220	<.1	.6	1.6	1210	1.20	1.3	18.1	2.2	11.0	21	.6	.2	.1	1	.07	.014	18	2.1	.03	1169	<.001	<1	.17	.022	.11	.1	.01	.6	.1	<.05	<1	<.5	<2	<.01
SND05432-13	1.0	5.8	18.6	120	<.1	.5	1.4	811	.97	.8	2.9	1.3	9.1	18	.2	.1	<.1	2	.07	.020	25	2.5	.03	45	.001	2	.19	.034	.12	<.1	.01	.8	.2	<.05	1	<.5	<2	<.01
SND05432-14	1.5	16.8	89.4	197	<.1	.7	2.1	1024	.98	6.0	9.5	28.6	9.2	27	.8	.6	.1	1	.06	.015	23	1.3	.03	765	<.001	2	.23	.015	.15	<.1	.01	.5	.1	.10	<1	<.5	<2	.06
SND05432-15	2.3	21.7	93.6	160	.2	.7	2.4	741	.98	7.1	10.2	22.9	11.2	35	1.0	.6	.1	1	.07	.015	21	1.2	.04	50	<.001	5	.25	.017	.18	<.1	.01	.5	.1	.13	1	<.5	<2	.03
SND05432-16	1.8	28.9	131.5	118	.2	.7	2.9	715	1.08	9.5	5.2	18.9	10.7	19	.8	.7	.1	2	.08	.020	17	2.3	.05	120	<.001	4	.20	.024	.16	<.1	<.01	.7	.1	.24	1	<.5	<2	.04
SND05432-17	1.7	26.9	126.1	102	.2	.7	2.7	652	.99	7.0	5.0	37.3	9.3	20	.7	1.0	.1	2	.06	.016	17	1.4	.04	36	<.001	3	.21	.024	.15	<.1	<.01	.6	.1	.15	1	<.5	<2	.04
SND05432-18	1.4	5.4	3.4	39	<.1	1.1	5.3	814	2.35	.7	2.4	<.5	6.5	18	.1	.1	<.1	36	.85	.075	21	3.2	.55	227	.149	2	.85	.053	.45	.2	<.01	3.5	.2	<.05	4	<.5	<2	<.01
SND05432-19(pulp)	19.2	53.9	403.2	33	4.6	1001.2	26.8	386	2.24	55.6	.4	31475.0	3.2	18	.2	.5	4.5	27	.48	.032	12	1337.6	.59	144	.042	7	.99	.047	.25	12.3	.02	2.2	.1	<.05	3	<.5	5	35.10
SND05432-20	2.2	120.7	114.1	149	.5	.8	1.4	771	1.82	45.1	3.0	27.5	9.8	6	1.2	5.0	.4	2	.08	.020	13	5.0	.03	102	.001	4	.21	.020	.16	.1	.01	.6	.1	.92	1	<.5	<2	.05
SND05432-21	1.8	23.6	102.1	196	.4	.7	2.0	897	1.14	14.0	3.6	26.4	9.4	12	.9	.6	.2	1	.06	.021	13	2.5	.03	302	.001	3	.23	.013	.19	.1	.01	.6	.1	.25	1	<.5	<2	.01
SND05432-22	1.4	75.5	68.4	182	.9	.6	1.3	967	1.45	20.3	2.9	89.0	9.5	9	.9	1.0	2.0	2	.06	.016	12	3.4	.04	132	<.001	<1	.20	.019	.14	.1	.01	.6	.1	.34	1	<.5	<2	.12
SND05432-23	1.8	27.5	101.9	114	1.8	.4	2.2	381	1.01	10.6	5.6	78.2	10.7	7	.9	.6	4.0	1	.06	.016	15	2.0	.03	131	<.001	1	.18	.018	.13	<.1	<.01	.4	.1	.39	<1	<.5	2	.08
SND05432-24	2.0	36.5	60.8	150	.2	.5	1.2	530	.97	7.4	3.2	5.9	11.0	6	.6	.8	.2	2	.07	.018	17	2.5	.04	75	.001	1	.18	.026	.12	.1	<.01	.7	.1	.10	1	<.5	<2	.01
STANDARD DS6/R-2a/OxL34	11.4	122.1	28.9	142	.3	24.5	10.5	700	2.79	20.7	6.5	47.0	2.9	40	5.9	3.2	4.9	55	.84	.078	13	183.9	.57	161	.080	16	1.88	.073	.14	3.3	.22	3.2	1.7	<.05	6	4.3	155	5.81

Sample type: DRILL CORE R150. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data K FA ___

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9001 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Almaden Minerals Ltd. PROJECT ELK05-7 File # A506093

1103 - 750 W. Pender St., Vancouver BC V6C 2T8 Submitted by: Wojtek Jakubowski

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm
SND05427-48	34.2	6654.7	212.3	254	>100	6.2	22.2	1	12.29	451.1	2.8	65921.4	.9	37	9.4	198.0	26.7	3	.04	.010	2	4.8	.03	3	.002	3	.19	.006	.12	<.1	.34	.4	.2	>10	1	<.5
SND05427-24	6.5	213.0	61.7	73	21.3	2.8	3.6	23	2.09	40.9	3.2	10212.8	7.3	3	1.2	2.3	6.0	1	.01	.004	5	10.5	.01	34	.001	2	.19	.004	.19	.1	.04	.3	.1	1.92	1	<.5
SND05427-40	5.2	137.1	140.2	168	1.1	4.9	6.6	1252	2.76	20.3	6.6	205.3	5.7	49	1.1	14.7	1.1	7	.94	.075	17	7.8	.28	152	.001	6	.48	.017	.37	.2	.01	2.6	.1	.38	1	<.5
SND05429-37	6.5	5985.3	2768.1	345	95.1	3.8	11.9	70	7.35	270.9	1.6	45263.8	1.5	4	27.9	8.9	21.4	1	.02	.002	2	11.0	.02	10	.001	2	.14	.005	.11	.1	.23	.3	.4	7.68	1	<.5
SND05429-47	28.4	122.8	53.2	19	.6	4.5	3.0	99	.96	5.5	2.3	161.6	9.9	13	.4	1.0	.5	8	.10	.036	31	12.1	.05	116	.017	5	.26	.031	.14	.3	<.01	1.0	.1	.08	1	<.5
SND05430-23	6.3	312.9	301.0	153	5.5	6.0	3.5	578	2.07	33.9	9.2	2570.3	9.9	29	1.4	.9	2.1	3	.08	.015	16	13.3	.04	105	.001	7	.65	.022	.36	.1	.02	.9	.2	.85	1	<.5
SND05431-22	5.9	147.4	395.4	338	2.2	3.0	4.1	1296	1.63	29.9	17.6	552.5	10.9	18	2.0	15.5	.7	<1	.14	.012	16	2.9	.04	185	<.001	4	.19	.009	.16	.1	.04	.6	.1	.54	<1	<.5
SND05431-29	4.6	114.9	258.7	238	1.5	6.3	4.9	614	2.28	37.8	4.8	505.8	10.4	12	3.0	1.2	1.1	6	.11	.018	14	14.2	.08	75	.003	4	.40	.029	.28	.1	.02	.8	.1	1.17	1	<.5
SND05432-12	3.5	3223.9	1522.6	276	43.0	4.8	13.4	277	5.78	207.2	4.7	38487.5	5.1	13	8.1	27.5	23.9	5	.08	.010	8	12.0	.06	22	.003	4	.37	.028	.25	.1	.33	.8	.2	5.47	1	<.5
STANDARD DS6	11.3	122.3	29.4	142	.3	24.6	10.6	700	2.79	21.0	6.5	45.8	2.7	40	6.1	3.1	5.1	55	.85	.078	13	184.3	.57	166	.080	17	1.89	.071	.15	3.2	.22	3.2	1.7	<.05	6	4,0

GROUP 1DX - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-MS.
(>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME MINERALS MAY BE PARTIALLY ATTACKED. REFRACTORY AND GRAPHITIC SAMPLES CAN LIMIT AU SOLUBILITY.
- SAMPLE TYPE: DRILL CORE M150

Data JS FA ____ DATE RECEIVED: SEP 26 2005 DATE REPORT MAILED: Oct 28/05

BRITISH COLUMBIA CERTIFIED ASSAYER
C.L.
Clarence Leong

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9001 Accredited Co.)

ASSAY CERTIFICATE

Almaden Minerals Ltd. PROJECT ELK05-7 File # A506093

1103 - 750 W. Pender St., Vancouver BC V6C 2T8 Submitted by: Wojtek Jakubowski

SAMPLE#	S.Wt gm	NAu mg	-Au gm/mt	TotAu gm/mt
SND05427-48	946	1.94	79.79	81.84
SND05427-24	935	.25	6.25	6.52
SND05427-40	531	<.01	.34	.34
SND05429-37	772	1.01	50.09	51.40
SND05429-47	845	<.01	.21	.21
SND05430-23	606	<.01	2.99	2.99
SND05431-22	955	<.01	.73	.73
SND05431-29	646	<.01	.45	.45
SND05432-12	553	.67	39.60	40.81
STANDARD OxL34	-	<.01	5.73	5.73

-AU : -150 AU BY FIRE ASSAY FROM 1 A.T. SAMPLE. DUPAU: AU DUPLICATED FROM -150 MESH. NAU - NATIVE GOLD, TOTAL SAMPLE FIRE ASSAY.
- SAMPLE TYPE: DRILL CORE M150

Data___ FA ____ DATE RECEIVED: SEP 26 2005 DATE REPORT MAILED: Oct 28/05

BRITISH COLUMBIA CERTIFIED ASSAYER
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ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9001 Accredited Co.)

ASSAY CERTIFICATE

Almaden Minerals Ltd. PROJECT ELK05-7 File # A506093

1103 - 750 W. Pender St., Vancouver BC V6C 2T8 Submitted by: Wojtek Jakubowski

SAMPLE#	S.Wt gm	NAg mg	-Ag gm/mt	TotAg gm/mt
SND05427-48	946	<.06	149	149
SND05427-24	935	<.06	19	19
SND05427-40	531	<.06	2	2
SND05429-37	772	<.06	95	95
SND05429-47	845	<.06	1	1
SND05430-23	606	<.06	6	6
SND05431-22	955	<.06	2	2
SND05431-29	646	<.06	2	2
SND05432-12	553	<.06	42	42
STANDARD R-2a	-	<.06	156	156

-AG : -150 AG BY FIRE ASSAY FROM 1 A.T. SAMPLE. DUPAG: AG DUPLICATED FROM -150 MESH. NAG - NATIVE SILVER, TOTAL SAMPLE FIRE ASSAY.
- SAMPLE TYPE: DRILL CORE M150

Data___ FA

DATE RECEIVED: SEP 26 2005 **DATE REPORT MAILED:** Oct. 28/05

BRITISH COLUMBIA CERTIFIED ASSAYER
Clarence Leong

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9001 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Almaden Minerals Ltd. PROJECT ELK05-7 File # A506094

1103 - 750 W. Pender St., Vancouver BC V6C 2T8 Submitted by: Wojtek Jakubowski

SAMPLE#	Au* ppb	Sample gm
SND05427-3	1.7	30
SND05427-43	3.2	30
SND05427-44(pulp)	9842.9	15
SND05428-31	1.0	30
SND05428-32(pulp)	10216.5	15
SND05429-29	2.0	30
SND05429-30(pulp)	9962.9	15
SND05430-14	3.0	30
RE SND05430-14	1.0	30
RRE SND05430-14	1.0	30
SND05430-15(pulp)	33255.3	15
SND05431-27	3.0	30
SND05431-28(pulp)	9952.7	15
STANDARD AU-R	470.5	30

GROUP 3A - IGNITED 30.00 GM SAMPLE LEACHED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 600 ML, ANALYSED BY ICP-MS.
UPPER LIMITS - AU* = 100 PPM.
- SAMPLE TYPE: DRILL CORE R150 Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data f FA ____ DATE RECEIVED: SEP 26 2005 DATE REPORT MAILED: Oct. 22/2005

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9001 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Almaden Minerals Ltd. PROJECT ELK05-8 File # A506332 Page 1

1103 - 750 W. Pender St., Vancouver BC V6C 2T8 Submitted by: Wojtek Jakubowski

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Ag** gm/mt	Au** gm/mt
SND05433-1	2.0	123.9	102.4	18	2.8	1.9	1.5	62	1.45	112.0	5.7	261.3	9.4	8	.4	.3	1.5	4	.15	.022	16	5.7	.03	46	.003	2	.39	.033	.30	.2	.01	.7	.1	1.28	1	<.5	4	.46
SND05433-3	1.6	37.7	80.8	116	.7	1.2	1.7	903	1.17	33.7	5.5	217.6	9.6	5	1.7	.1	.5	4	.11	.022	16	6.5	.03	32	.002	<1	.29	.023	.21	.1	<.01	.7	.1	.52	1	<.5	<2	.34
SND05433-4	1.4	27.4	27.1	46	.7	1.1	1.9	816	1.39	25.3	3.6	237.0	10.0	5	.6	.1	.6	6	.10	.022	19	7.0	.07	43	.010	<1	.36	.037	.24	.2	<.01	.9	.1	.58	1	<.5	<2	.32
SND05433-5	1.8	26.2	14.9	32	.2	1.2	2.1	656	1.13	77.6	3.8	197.2	9.9	6	.2	.2	.2	6	.09	.026	44	5.6	.08	51	.013	<1	.36	.046	.24	.1	<.01	1.0	.1	.33	2	<.5	<2	.20
SND05433-6	1.9	77.7	20.7	24	1.1	.8	2.6	432	1.52	65.1	3.8	443.8	8.6	5	.2	.1	.6	3	.08	.024	15	5.8	.03	41	.002	<1	.32	.019	.26	.1	.01	.6	.1	1.37	1	<.5	<2	.50
SND05433-7	1.5	54.9	5.7	22	.1	.9	1.8	658	1.35	52.3	3.0	5.5	10.3	6	.1	.2	.1	7	.10	.030	44	5.7	.09	49	.013	2	.34	.045	.22	.1	<.01	.9	.1	.42	1	<.5	<2	.02
SND05433-8	1.6	75.9	114.9	67	.5	1.3	3.1	674	1.45	70.3	10.1	99.8	11.2	7	1.1	.8	.1	3	.13	.047	18	3.8	.02	33	.001	<1	.29	.028	.22	.1	<.01	.8	.1	1.10	1	<.5	<2	.12
SND05433-9	3.6	207.0	151.7	53	2.1	1.2	2.1	89	4.97	386.0	17.8	1055.4	9.1	3	1.5	2.5	.5	2	.07	.026	7	3.1	.02	22	.001	<1	.34	.005	.31	.3	.01	.5	.1	5.73	1	<.5	3	1.38
SND05433-10	1.5	8.6	97.5	56	.2	1.1	1.7	510	.78	16.9	3.3	22.3	11.0	10	.6	.3	<.1	5	.09	.025	21	6.0	.03	74	.006	<1	.23	.031	.15	.1	.01	.9	.1	.13	1	<.5	<2	.04
SND05433-11	1.4	22.8	139.8	94	.4	1.0	2.5	618	.95	54.4	4.5	53.4	9.5	8	1.8	.5	.3	4	.09	.026	18	6.8	.03	63	.003	<1	.31	.028	.24	.1	<.01	.9	.1	.37	1	<.5	<2	.10
SND05433-12	6.4	433.5	116.7	67	10.9	1.3	4.5	597	2.03	70.5	6.0	3080.2	8.3	10	1.5	1.8	2.0	2	.07	.022	11	5.5	.02	70	.001	<1	.32	.016	.28	.1	.09	.6	.1	1.75	1	<.5	12	6.12
RE SND05433-12	2.7	431.5	120.6	65	12.2	1.2	4.6	593	2.01	68.5	6.0	3192.0	8.3	10	1.2	1.7	3.1	3	.07	.022	11	4.9	.02	68	.001	<1	.32	.015	.26	.1	.09	.6	.1	1.69	1	<.5	13	6.76
RRE SND05433-12	16.7	410.9	123.6	65	16.7	1.4	4.2	603	2.09	73.8	5.8	5430.4	8.3	10	1.2	1.7	1.6	3	.07	.022	11	4.4	.02	70	.001	<1	.32	.015	.26	.1	.10	.6	.1	1.82	1	<.5	12	5.55
SND05433-13	1.5	456.2	118.6	81	12.4	1.5	4.6	652	2.05	63.9	8.1	2283.2	9.2	14	1.7	2.0	1.9	3	.07	.022	13	4.4	.02	84	.001	3	.32	.018	.24	.1	.12	.7	.1	1.63	1	<.5	11	4.86
SND05433-16	1.7	140.5	146.4	60	1.5	1.4	4.0	194	1.56	68.7	4.5	584.2	8.5	9	1.3	1.5	.7	2	.06	.021	10	4.5	.02	61	.001	<1	.36	.011	.32	.1	.03	.5	.1	1.49	1	<.5	<2	.56
SND05433-17	1.4	19.1	34.0	35	.8	.9	2.6	708	1.23	4.3	3.5	108.8	10.7	7	.2	.2	.8	8	.10	.027	26	5.6	.12	294	.028	1	.37	.052	.26	.1	.01	1.2	.1	.22	2	<.5	<2	.13
SND05433-18	1.3	43.8	44.4	76	.3	.8	2.1	945	1.59	6.7	2.8	32.4	10.1	7	.3	.2	.2	7	.10	.026	24	4.3	.07	47	.015	1	.29	.036	.17	.1	.01	1.0	.1	.47	1	<.5	<2	.02
SND05433-19	1.4	17.4	62.6	98	.1	1.1	2.5	1171	1.47	8.5	4.1	22.4	9.9	11	.7	2.5	.1	4	.11	.028	21	4.7	.03	58	.001	<1	.30	.044	.18	.1	.01	1.0	.2	.28	1	<.5	<2	.03
SND05433-20	1.4	56.7	121.2	59	.6	1.0	1.6	399	.99	20.2	4.1	13.5	10.6	24	.7	2.1	.3	5	.08	.025	19	3.5	.06	179	.013	2	.35	.029	.21	.1	.01	1.1	.1	.39	1	<.5	<2	.01
SND05433-21	1.3	41.7	80.2	45	.2	.7	1.2	355	.73	7.6	3.9	5.5	8.0	15	1.0	2.5	.1	2	.07	.021	18	3.7	.02	126	.001	<1	.30	.027	.19	.1	.02	.7	.1	.22	1	<.5	<2	.02
SND05433-22	1.9	51.1	69.4	113	.4	.9	1.4	949	1.30	7.4	3.8	5.8	7.5	8	.8	1.1	.1	2	.07	.023	13	6.2	.04	66	.001	<1	.37	.013	.28	.1	.01	.6	.1	.23	1	<.5	<2	.01
SND05433-23	1.6	30.7	46.9	80	.1	1.1	1.5	697	1.06	7.8	3.9	10.3	8.9	11	.5	.7	.1	3	.09	.022	20	6.7	.04	85	.004	<1	.29	.028	.20	.1	.01	.9	.1	.20	1	<.5	<2	.01
SND05433-24	1.5	10.1	885.3	132	1.8	1.1	4.2	643	1.10	24.8	7.9	769.4	10.2	8	2.4	.5	.2	3	.09	.020	19	4.5	.03	48	.004	2	.30	.029	.22	.1	.04	.8	.1	.45	1	<.5	3	1.08
SND05433-25	1.6	21.2	147.7	42	.9	1.0	2.3	245	.59	6.9	5.9	257.8	9.5	13	.7	.4	.3	2	.06	.018	21	4.5	.02	67	.001	<1	.24	.027	.17	.1	.01	.6	.1	.32	1	<.5	<2	.16
SND05433-26	2.9	3.1	35.7	21	<.1	.7	.8	157	.47	.6	3.4	2.3	9.9	14	.1	.2	<.1	4	.11	.024	29	3.9	.04	124	.009	1	.25	.038	.11	<.1	<.01	.9	.1	<.05	1	<.5	<2	<.01
SND05433-27	3.7	15.1	91.9	62	.6	.8	8.2	246	.86	28.6	15.9	169.2	23.0	7	.2	.9	.5	1	.04	.007	12	5.2	.02	175	<.001	1	.21	.030	.15	.1	.02	.4	.1	.60	1	<.5	<2	.26
SND05433-29	1.5	24.2	54.1	76	.2	.7	1.3	460	.92	12.3	3.6	91.0	7.9	9	.4	.4	.1	3	.08	.019	16	5.7	.03	190	.001	<1	.25	.033	.18	<.1	<.01	.7	.1	.22	1	<.5	<2	.12
SND05433-30	1.4	21.2	120.0	91	.4	.8	1.4	389	.90	8.8	6.0	57.3	8.7	10	.6	.9	.7	3	.09	.021	17	5.4	.03	135	.001	<1	.25	.041	.19	.1	<.01	.6	.1	.28	1	<.5	<2	.24
SND05433-31	1.1	17.4	35.3	85	.1	1.0	1.3	424	.86	5.7	4.1	35.0	10.4	12	.4	.6	.1	3	.08	.020	17	6.0	.03	78	.001	<1	.26	.036	.16	<.1	.01	.7	.1	.17	1	<.5	<2	.06
SND05433-32	1.7	51.0	52.4	136	.4	.8	1.4	544	1.25	13.6	3.5	43.6	10.8	7	.5	.6	2.7	3	.09	.021	19	6.9	.04	92	.001	<1	.24	.033	.16	.1	<.01	.7	.1	.50	1	<.5	<2	.07
SND05433-33	1.4	33.7	41.0	130	.2	.8	1.1	554	1.11	7.6	2.9	29.6	10.3	6	.4	.4	1.8	3	.09	.019	18	4.5	.04	78	.001	1	.22	.031	.14	.1	.01	.7	.1	.28	1	<.5	<2	.05
SND05433-36	1.5	10.5	38.3	221	<.1	.7	1.5	665	1.00	2.7	2.9	46.1	11.3	6	.8	.8	.1	4	.09	.020	21	5.1	.04	115	.001	<1	.20	.031	.13	.1	<.01	.8	.1	.09	1	<.5	<2	.08
SND05433-37	1.7	39.3	37.6	120	1.2	1.1	1.1	496	1.22	10.8	3.2	49.5	9.4	13	1.1	.7	2.9	2	.12	.018	17	6.1	.05	148	.001	1	.29	.030	.20	.1	<.01	1.4	.1	.43	1	<.5	<2	.04
SND05433-38	3.4	322.0	125.3	112	3.5	.8	2.5	578	1.66	37.5	3.7	274.5	10.7	7	1.0	19.6	4.9	3	.09	.019	18	6.9	.03	102	.001	<1	.25	.034	.19	.1	.04	.6	.1	.93	1	<.5	3	.32
STANDARD DS6/R-	11.4	122.2	30.2	142	.3	24.5	10.5	704	2.81	21.3	6.7	43.2	3.0	41	6.0	3.0	5.1	56	.85	.078	15	188.2	.57	168	.082	18	1.90	.076	.16	3.2	.23	3.3	1.7	<.05	6	4.3	156	5.86

Standard is STANDARD DS6/R-2a/OxL34.

GROUP 1DX - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-MS.
(>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME MINERALS MAY BE PARTIALLY ATTACKED. REFRACTORY AND GRAPHITIC SAMPLES CAN LIMIT AU SOLUBILITY.
AG** & AU** BY FIRE ASSAY FROM 1 A.T. SAMPLE.
- SAMPLE TYPE: DRILL CORE R150 Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data ✓ FA ____ DATE RECEIVED: OCT 3 2005 DATE REPORT MAILED: Oct 27/05

BRITISH COLUMBIA CERTIFIED ASSAYER
Clarence Leong

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Ag** gm/mt	Au** gm/mt
SND05433-39	2.1	10.1	34.0	113	.4	.9	1.5	456	1.05	2.7	3.9	38.6	13.0	10	.6	.6	.3	4	.18	.019	18	2.8	.04	318	.001	2	.23	.032	.16	.1	.01	.6	.1	.33	1	<.5	<2	.05
SND05433-40	2.8	131.3	97.0	143	.9	1.0	1.6	714	1.82	25.6	2.1	23.8	8.4	9	2.1	27.9	.6	3	.14	.015	14	2.2	.03	75	.001	<1	.26	.032	.19	.2	.02	.6	.1	.88	1	<.5	<2	.05
SND05433-41	1.5	31.1	108.5	117	.2	.8	1.0	525	1.03	14.5	3.2	3.6	8.6	9	1.2	1.0	.1	2	.08	.015	16	3.3	.04	36	.001	<1	.24	.023	.18	.1	.01	.5	.1	.29	1	<.5	<2	.01
SND05434-1	6.6	68.6	76.2	57	5.8	1.0	2.5	836	1.53	14.3	8.1	3939.2	9.0	8	.9	9.2	3.7	3	.11	.023	21	3.3	.04	176	.001	<1	.28	.026	.19	.1	.01	.7	.1	.63	1	<.5	6	6.21
SND05434-2	1.5	43.9	30.3	132	.7	.8	2.3	942	1.29	127.1	3.1	122.0	9.1	7	2.1	.3	.7	5	.11	.023	19	3.4	.04	144	.005	3	.26	.032	.17	.3	.01	.8	.1	.29	1	<.5	2	.50
SND05434-3	1.1	50.9	25.0	33	.1	.9	1.6	646	1.09	11.6	4.5	6.1	8.7	7	.3	.1	.3	4	.09	.022	22	3.2	.04	43	.005	<1	.29	.030	.20	.1	.01	.8	.1	.28	1	<.5	<2	.02
SND05434-4	1.4	106.6	13.0	31	1.2	.9	1.7	644	1.42	14.3	4.1	151.0	9.9	5	.4	.1	3.2	3	.08	.023	18	2.5	.04	37	.002	1	.26	.022	.20	.1	.01	.7	.1	.72	1	<.5	<2	.33
SND05434-5	1.5	218.0	96.0	48	3.5	.9	1.9	393	1.87	121.5	4.5	153.9	8.4	5	.7	.5	3.4	2	.06	.022	11	3.1	.02	41	.001	<1	.34	.011	.27	.3	.01	.5	.1	1.66	1	<.5	5	.49
SND05434-6	1.7	135.7	85.9	46	1.5	1.0	1.4	609	1.35	53.1	4.3	168.7	8.9	6	.6	.8	1.1	1	.06	.019	12	2.6	.03	44	.001	<1	.28	.013	.24	.1	<.01	.5	.1	.88	1	<.5	2	.13
SND05434-7	1.9	272.1	98.6	41	6.8	1.1	1.9	484	1.64	70.5	10.0	2287.7	9.3	11	.7	.7	5.9	2	.08	.021	14	2.9	.03	67	.003	1	.32	.017	.22	.1	.02	.6	.1	1.18	1	<.5	11	3.81
SND05434-8	1.4	73.6	40.7	61	.9	.9	1.9	1163	1.77	17.3	3.3	26.0	9.8	6	.4	.2	.4	4	.10	.024	16	3.0	.05	130	.001	<1	.30	.025	.21	.2	.01	.8	.1	.59	1	<.5	<2	.07
SND05434-9	1.4	60.2	47.5	76	.6	.9	1.7	624	1.13	20.2	4.1	137.1	9.4	4	.5	.3	.3	1	.07	.022	10	3.8	.02	35	.001	1	.33	.008	.28	.1	<.01	.3	.1	.46	1	<.5	<2	.17
SND05434-10	1.5	84.9	161.9	54	3.9	1.1	1.8	280	.97	50.9	6.3	1800.0	9.1	15	.8	.8	3.2	2	.07	.021	17	2.3	.02	110	.002	<1	.28	.020	.19	.1	.01	.6	.2	.63	1	<.5	4	2.66
SND05434-11	1.3	18.7	11.4	11	.2	.8	1.5	346	.76	11.2	4.1	65.4	9.6	7	.2	.1	.2	5	.10	.026	22	3.8	.05	43	.007	<1	.30	.028	.22	.2	<.01	.8	.1	.18	1	<.5	<2	.04
SND05434-12	1.5	20.3	9.0	14	.2	.8	1.7	391	.80	13.8	3.6	7.6	9.5	8	.1	.1	.1	5	.10	.028	25	3.9	.05	45	.007	1	.31	.030	.23	.1	.01	.8	.1	.19	1	<.5	<2	.01
SND05434-13	1.7	8.1	3.0	45	<.1	1.4	6.2	879	2.63	.9	1.9	3.2	5.6	24	<.1	<.1	<.1	41	1.12	.078	19	2.8	.64	212	.134	<1	1.05	.065	.42	<.1	<.01	4.2	.2	<.05	5	<.5	<2	.01
SND05434-14(pulp)	15.3	296.7	329.5	358	5.6	165.6	21.9	515	3.41	191.8	3.5	9211.3	2.5	49	2.8	15.4	4.3	45	1.20	.042	6	272.4	.49	59	.035	<1	1.06	.030	.37	5.1	.42	4.2	.7	1.39	4	1.3	5	10.67
SND05434-15	1.5	45.3	81.1	47	2.3	1.5	1.7	385	1.08	185.9	10.4	714.9	8.3	9	.5	.5	.4	3	.07	.021	22	2.7	.03	47	.004	<1	.28	.020	.20	.2	<.01	.6	.3	.47	1	<.5	4	1.07
SND05434-16	1.4	27.7	20.9	69	.2	.8	1.8	721	1.28	10.1	3.5	30.9	8.4	5	.5	.1	.2	6	.09	.024	27	3.3	.09	50	.016	<1	.33	.031	.25	.1	.01	.9	.1	.31	1	<.5	<2	.04
SND05434-17	1.4	39.9	38.9	99	.2	1.2	2.1	868	1.34	13.2	3.9	39.2	9.9	6	.5	.3	<.1	6	.10	.027	23	3.3	.09	61	.021	<1	.31	.036	.22	.1	<.01	1.1	.1	.33	1	<.5	<2	.01
SND05434-18	2.3	206.7	219.2	69	7.6	1.2	4.0	262	1.78	219.1	10.7	5452.5	10.5	14	1.3	1.5	3.6	2	.06	.020	13	2.8	.02	34	.001	<1	.30	.019	.24	.2	.10	.5	.1	1.71	1	<.5	10	3.46
SND05434-19	2.1	35.2	71.5	51	.9	.9	2.0	327	1.00	32.4	4.3	63.0	9.7	14	.9	.5	.6	4	.08	.022	19	4.0	.02	135	.001	5	.26	.027	.17	.1	.01	.7	.1	.53	1	<.5	<2	.06
SND05434-20	2.2	66.9	75.0	93	1.0	1.0	1.6	625	1.65	28.4	4.5	100.4	8.9	11	1.1	.6	1.2	3	.07	.020	14	2.4	.04	91	.003	<1	.32	.027	.20	.1	.01	.7	.1	.88	1	<.5	<2	.07
SND05434-21	1.3	65.1	75.4	73	.6	.9	1.3	524	1.17	20.4	6.1	12.8	7.4	10	.8	1.0	.8	2	.06	.017	13	1.9	.03	91	.001	1	.29	.023	.20	.2	.01	.6	.1	.50	1	<.5	<2	.06
SND05434-22	1.9	380.6	242.5	93	5.8	1.0	3.1	759	3.56	83.3	3.2	273.2	8.9	11	1.0	3.8	12.8	2	.08	.019	13	3.6	.05	53	.002	<1	.29	.030	.20	.1	.01	.7	.2	2.98	1	<.5	5	.30
RE SND05434-22	1.8	378.5	238.7	94	4.0	1.1	2.9	758	3.53	83.9	3.0	242.1	9.0	11	1.0	4.0	12.6	3	.08	.020	13	3.3	.06	53	.002	<1	.29	.030	.21	.1	.01	.7	.2	2.92	1	<.5	5	.36
RRE SND05434-22	1.7	351.0	199.5	86	2.6	1.1	2.8	691	3.45	72.3	3.0	172.8	9.3	10	.7	3.4	8.4	2	.08	.018	11	3.4	.05	54	.001	<1	.26	.025	.19	.1	.01	.7	.1	2.80	1	<.5	4	.23
SND05434-23	4.7	237.0	95.6	75	3.7	1.2	2.8	690	3.16	54.8	3.9	74.8	8.3	12	.9	1.1	2.4	2	.07	.021	13	2.2	.04	48	.002	<1	.34	.022	.23	.2	.01	.7	.1	2.50	1	<.5	3	.09
SND05434-24	2.2	31.3	89.7	129	.4	1.2	2.4	650	1.17	17.5	6.5	198.9	11.0	13	.7	.8	.2	3	.08	.021	16	3.6	.04	75	.008	<1	.30	.026	.19	.1	<.01	.8	.1	.35	1	<.5	<2	.07
SND05434-25	1.3	14.8	53.6	86	.2	.8	1.2	398	.91	4.1	3.0	15.7	9.5	9	1.2	.2	.2	4	.09	.022	21	2.6	.06	62	.016	<1	.31	.038	.19	.1	.01	.9	.1	.10	1	<.5	<2	.05
SND05434-26	1.6	42.0	105.5	753	1.1	.7	1.1	97	.82	8.4	2.7	234.6	9.8	6	23.2	.2	.2	4	.10	.024	33	2.6	.06	340	.012	<1	.27	.034	.13	.1	.01	.6	.1	.27	1	<.5	<2	.17
SND05434-27	3.7	262.9	195.7	189	4.7	.9	2.1	303	1.79	110.0	4.5	459.8	10.8	5	3.7	7.6	1.1	1	.06	.018	10	3.5	.02	34	.001	1	.33	.010	.29	.1	.11	.4	.1	1.62	1	<.5	5	1.43
SND05434-28	2.0	27.3	47.2	85	2.3	.6	1.1	447	1.02	9.0	2.5	70.1	11.2	7	.3	.2	2.4	4	.09	.021	21	2.8	.05	42	.010	<1	.24	.035	.15	.1	.01	.8	.1	.24	1	<.5	2	.08
SND05434-29	1.6	12.6	35.0	162	.3	.9	2.0	581	1.20	6.2	5.9	359.7	11.2	9	.5	.5	.2	5	.09	.023	26	3.1	.07	58	.018	<1	.30	.039	.17	.1	.01	1.0	.1	.24	1	<.5	<2	.55
STANDARD DS6/R-2a/OxL34	11.3	121.4	30.0	142	.3	24.6	10.7	704	2.81	21.3	6.7	45.5	3.0	41	5.9	3.0	5.1	57	.85	.079	14	190.3	.57	167	.083	15	1.90	.078	.17	3.3	.23	3.4	1.7	< 05	7	4.5	156	5.75

Sample type: DRILL CORE R150. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data ℓ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Ag** gm/mt	Au** gm/mt
SND05434-30	6.9	38.3	577.8	387	.7	1.3	2.6	1127	1.30	37.5	9.1	115.0	11.4	20	4.4	2.0	.2	3	.10	.025	17	4.4	.03	184	<.001	3	.24	.028	.16	<.1	.07	.8	.2	.49	1	<.5	<2	.09
SND05434-31	1.6	29.1	221.6	368	.4	1.0	1.8	730	1.01	15.7	6.1	63.7	9.4	11	1.6	.3	.2	2	.08	.018	16	6.6	.03	379	<.001	1	.25	.017	.21	.1	.02	.6	.1	.35	1	<.5	<2	.05
SND05434-32	1.6	30.3	211.2	379	.3	1.6	1.8	723	.98	14.0	6.5	32.6	10.2	12	1.8	.2	.2	2	.07	.018	17	10.2	.04	413	.001	<1	.26	.018	.22	.1	.02	.6	.1	.31	1	<.5	<2	.06
SND05434-36	2.0	196.4	142.5	222	1.4	.8	1.5	618	1.66	62.6	3.6	167.0	9.5	6	1.6	4.1	1.2	1	.06	.020	10	4.4	.03	53	<.001	<1	.27	.010	.26	.1	.02	.4	.1	1.27	1	<.5	2	.31
SND05434-37	2.1	261.1	262.1	173	2.0	1.0	2.0	453	2.57	72.3	4.0	438.8	8.9	5	1.4	1.7	1.0	1	.05	.015	8	5.1	.03	20	<.001	<1	.30	.007	.29	.1	.02	.3	.1	2.46	1	<.5	3	.43
SND05434-38	1.4	13.2	26.0	130	<.1	.9	1.1	690	.86	1.2	2.9	3.8	9.7	9	.3	.1	<.1	3	.09	.019	20	4.5	.03	250	.001	<1	.19	.029	.13	.1	.01	.6	.1	<.05	1	<.5	<2	<.01
SND05434-39	1.5	52.5	19.1	54	1.2	.7	1.5	521	1.00	13.6	4.3	398.5	8.4	7	.6	.6	.6	3	.08	.018	14	5.0	.04	108	.001	<1	.24	.021	.19	.1	<.01	.6	.1	.28	1	<.5	2	1.15
SND05434-40	1.4	34.4	47.3	129	.9	.8	2.1	606	1.27	10.3	4.5	432.5	8.5	6	.5	.5	1.0	2	.07	.018	16	5.0	.04	94	.001	1	.21	.026	.16	.1	<.01	.6	.1	.44	1	<.5	3	.80
SND05434-41	1.9	56.1	121.6	69	5.0	.8	1.8	228	1.40	26.4	6.7	364.9	9.5	5	1.1	1.4	5.2	1	.06	.019	10	4.8	.02	68	.001	<1	.26	.020	.22	.1	.01	.4	.1	1.27	1	<.5	8	.91
SND05434-42	1.6	14.3	36.6	144	2.3	.5	2.4	485	.98	2.6	4.7	36.4	10.8	6	.5	.4	2.5	3	.09	.022	21	5.2	.03	80	.002	<1	.20	.030	.14	.1	.01	.6	.1	.34	1	<.5	3	.07
SND05434-43	1.7	18.5	17.4	44	.4	.7	1.3	481	.87	6.1	3.6	716.4	12.0	6	.2	4.0	.4	3	.08	.018	19	4.9	.04	94	.001	<1	.20	.031	.16	.1	.02	.6	.1	.12	1	<.5	<2	.03
SND05434-44	1.2	15.9	11.6	26	.3	.8	1.8	429	.96	3.9	3.6	15.6	9.6	5	.3	2.1	5.1	2	.08	.019	18	5.0	.04	111	.001	1	.18	.026	.16	.1	.02	.6	.1	.36	1	<.5	<2	.01
SND05435-1	1.3	12.4	51.5	49	.6	.7	1.8	720	1.04	6.0	2.4	13.8	8.7	5	.3	.1	.3	6	.09	.026	23	4.3	.08	49	.016	3	.27	.027	.19	.1	<.01	1.0	.1	.13	1	<.5	<2	.06
SND05435-2	1.7	152.4	126.0	32	1.4	.8	2.0	403	1.68	28.8	6.4	100.3	9.1	3	.5	2.5	1.4	2	.08	.024	15	3.8	.05	32	.001	2	.25	.014	.22	.1	.01	.4	.1	1.16	1	<.5	<2	.13
SND05435-3	1.1	97.5	39.6	41	1.2	.8	1.7	570	1.33	17.7	5.1	47.3	9.6	5	.3	2.6	1.2	3	.09	.025	16	4.6	.04	34	.003	3	.25	.020	.19	.1	<.01	.8	.1	.70	1	<.5	<2	.03
SND05435-4	1.3	96.3	57.0	30	6.4	.6	2.3	189	1.06	27.1	4.2	5305.1	9.0	6	.3	.5	4.8	2	.06	.018	15	3.1	.01	48	.001	2	.18	.017	.15	.1	.02	.5	.1	.89	1	<.5	7	3.37
SND05435-5	1.2	19.9	54.0	95	.3	.7	2.0	799	1.20	12.4	7.8	58.9	8.0	6	.7	.3	.1	4	.08	.023	18	2.3	.03	55	.003	<1	.26	.026	.16	.1	<.01	.7	.1	.42	1	<.5	<2	.04
SND05435-6	1.8	25.5	697.9	199	2.2	.9	3.0	736	1.12	7.6	12.1	76.7	8.7	7	4.6	.9	2.6	2	.09	.022	19	2.6	.04	41	.002	1	.24	.022	.15	<.1	.01	.7	.1	.41	1	<.5	2	.13
SND05435-7	1.5	58.9	41.3	61	.3	.7	1.8	584	.91	28.7	3.7	19.4	9.0	7	.4	.3	.3	3	.08	.024	20	4.3	.04	45	.006	1	.26	.025	.17	<.1	<.01	.7	.1	.21	1	<.5	<2	.03
SND05435-8	1.5	34.2	43.2	61	.2	.6	1.7	572	.92	21.6	4.0	9.8	9.1	6	.3	.2	.1	3	.08	.025	18	3.6	.04	46	.005	1	.26	.024	.17	.1	<.01	.7	.1	.23	1	<.5	<2	.01
SND05435-11	1.7	196.3	106.4	76	2.8	.7	2.8	558	1.75	20.1	5.3	1502.0	8.0	7	.8	.2	5.8	3	.07	.023	14	4.6	.04	44	.001	2	.25	.017	.20	.1	<.01	.7	.1	1.22	1	<.5	4	2.38
SND05435-12	3.0	139.4	143.8	100	32.0	.5	4.8	483	2.36	90.9	5.5	3250.7	8.0	6	1.5	.3	35.2	1	.07	.020	11	4.2	.02	34	.001	2	.22	.013	.20	.2	<.01	.6	.1	2.28	1	<.5	33	4.92
RE SND05435-12	3.5	135.2	144.5	98	33.0	.9	4.8	472	2.30	86.0	5.1	6330.1	8.0	6	1.5	.3	25.4	1	.06	.021	10	3.6	.02	33	.001	3	.21	.013	.18	.2	<.01	.5	.1	2.15	1	<.5	33	5.19
RRE SND05435-12	2.6	129.3	143.2	105	45.0	.9	5.0	481	2.29	85.0	5.5	2496.9	8.0	6	1.5	.3	27.2	1	.06	.020	11	4.6	.02	37	.001	3	.24	.015	.21	.2	<.01	.5	.1	2.16	1	<.5	48	4.65
SND05435-13	1.7	150.8	24.5	42	1.6	.6	2.1	721	1.94	10.3	4.1	171.5	8.0	4	.2	.1	2.2	3	.09	.023	15	3.6	.05	28	.002	1	.24	.016	.20	.1	<.01	.6	.1	1.05	1	<.5	<2	.48
SND05435-14	2.5	266.6	165.8	91	15.0	2.1	7.7	296	3.38	917.5	12.7	6381.1	8.0	4	1.5	.6	17.5	1	.04	.014	7	6.6	.02	14	.001	1	.22	.009	.19	.1	<.01	.3	.7	3.59	1	<.5	12	5.58
SND05435-15	1.3	45.6	40.4	69	.4	.8	1.6	890	1.44	5.0	4.1	37.9	8.8	4	.3	.1	.4	5	.09	.025	21	4.9	.09	40	.012	3	.29	.022	.19	.1	<.01	.9	.1	.14	1	<.5	<2	.03
SND05435-16	1.3	69.6	4.2	17	.4	.7	1.9	230	1.13	8.4	3.9	18.2	9.4	6	.1	.1	1.9	4	.08	.025	19	4.3	.06	50	.012	3	.29	.024	.20	.1	<.01	.7	.1	.62	1	<.5	<2	.05
SND05435-17	1.5	18.1	44.6	59	.2	.7	.8	337	.50	9.6	3.9	7.8	9.2	8	.4	.1	.2	1	.07	.026	13	4.1	.02	56	.001	3	.29	.008	.24	.1	<.01	.4	.1	<.05	1	<.5	<2	.01
SND05435-18	2.7	91.2	28.6	45	.8	.6	1.4	488	1.24	36.5	3.0	19.8	9.1	6	.2	.2	3.9	5	.08	.023	18	5.1	.06	46	.011	1	.27	.026	.18	.1	<.01	.8	.1	.44	1	<.5	<2	.02
SND05435-19	1.3	59.2	32.5	57	.3	.7	1.4	477	1.32	12.7	3.5	6.1	9.6	6	.3	.1	.3	5	.09	.025	19	6.6	.08	47	.015	2	.29	.024	.20	.1	<.01	.8	.1	.41	1	<.5	<2	.01
SND05435-20	1.9	15.5	15.6	43	.3	.9	1.5	553	1.12	7.9	2.5	5.3	9.9	7	.4	.1	.6	5	.09	.026	19	5.6	.08	48	.016	2	.28	.029	.19	.1	<.01	.9	.1	.17	1	<.5	<2	.01
SND05435-21	1.6	49.5	34.2	43	.4	.9	1.9	489	1.07	29.9	3.7	43.3	10.0	7	.3	.2	.2	4	.09	.027	19	5.6	.06	54	.013	1	.27	.026	.20	.1	<.01	.9	.1	.43	1	<.5	<2	.06
SND05435-22	1.3	22.7	76.6	102	1.1	.6	2.3	566	1.06	16.5	2.8	52.3	9.3	5	1.6	.1	.7	3	.08	.023	21	4.2	.06	41	.007	3	.27	.022	.20	.1	<.01	.6	.1	.35	1	<.5	<2	.27
STANDARD DS6/R-	11.3	122.0	30.3	143	.3	24.6	10.5	704	2.81	21.3	6.7	44.9	3.1	41	6.0	3.0	5.1	56	.85	.079	14	189.2	.57	165	.082	19	1.90	.076	.17	3.3	.23	3.3	1.7	<.05	6	4.3	160	5.89

Standard is STANDARD DS6/R-2a/OxL34. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Ag** gm/mt	Au** gm/mt
SND05435-23	3.5	4.1	77.1	201	.2	1.5	2.3	930	1.32	3.6	5.5	62.5	11.0	19	1.2	.3	<.1	4	.21	.021	19	7.3	.05	585	.001	5	.25	.032	.15	.1	.03	.8	.2	.11	1	<.5	<2	.43
SND05435-24	1.5	170.9	15.9	102	.8	.9	1.7	641	2.56	38.4	3.9	216.5	8.5	4	2.4	.1	.3	3	.13	.021	11	4.3	.05	53	.004	<1	.27	.015	.22	.2	<.01	.5	.1	2.08	1	<.5	2	.85
RE SND05435-24	1.4	179.0	17.3	109	1.2	.9	2.0	658	2.65	39.3	3.9	753.0	9.4	4	2.7	.1	.4	3	.13	.020	11	4.4	.05	56	.004	2	.28	.016	.23	.2	<.01	.5	.1	2.17	1	<.5	<2	.90
RRE SND05435-24	1.4	237.9	25.3	132	4.3	.8	2.1	635	3.38	56.5	3.7	2225.0	8.4	4	3.4	.1	.8	3	.11	.020	10	4.7	.05	39	.004	1	.31	.018	.26	.2	.01	.6	.1	3.17	1	<.5	3	2.14
SND05435-25	1.4	41.0	65.5	139	.9	.9	1.4	546	1.29	18.6	2.5	762.4	9.8	6	.7	.7	.8	4	.10	.021	17	4.5	.07	73	.013	2	.32	.026	.23	.1	<.01	.7	.1	.55	1	<.5	<2	.13
SND05435-26	2.8	29.8	21.4	76	.8	1.0	1.5	656	1.28	15.9	3.6	14.0	9.9	6	.3	.3	.6	6	.12	.022	21	6.1	.05	188	.007	2	.25	.037	.18	.1	.01	.8	.1	.35	1	<.5	<2	.03
SND05435-27	2.2	29.2	36.4	151	1.0	.8	2.4	771	1.28	17.9	3.9	188.8	11.4	5	.6	.3	.3	3	.09	.021	18	6.4	.04	48	.004	1	.25	.021	.21	.1	.01	.6	.1	.50	1	<.5	<2	.28
SND05435-28	3.1	54.3	40.0	158	.8	1.0	2.0	714	1.22	14.4	3.6	41.4	10.8	5	.8	.4	.3	4	.10	.021	19	4.1	.04	47	.004	2	.26	.025	.21	.1	<.01	.7	.1	.44	1	<.5	<2	.06
SND05435-31	2.7	32.2	43.9	121	.4	.7	1.3	679	1.14	13.6	4.5	444.8	11.4	6	.3	.4	.2	3	.10	.018	16	7.8	.03	126	.001	1	.22	.033	.15	.1	<.01	.6	.1	.32	1	<.5	<2	.10
SND05435-32	1.6	117.3	90.8	171	.8	.7	1.1	664	1.75	24.0	4.0	45.8	11.7	5	.6	.9	.9	3	.08	.018	12	6.5	.04	153	.001	2	.29	.017	.26	.1	.01	.5	.1	.90	1	<.5	<2	.09
SND05435-33	1.2	37.9	162.4	362	.3	.7	1.8	913	1.29	5.7	5.4	14.0	11.8	10	1.3	.4	.2	2	.08	.017	16	4.7	.05	72	.001	1	.21	.027	.15	.1	.01	.6	.1	.22	1	<.5	<2	.02
SND05435-34	1.7	75.6	149.9	210	2.3	1.0	1.8	582	1.41	36.3	6.9	66.5	10.6	10	1.4	4.9	1.5	2	.07	.017	15	4.8	.04	179	.001	6	.30	.023	.25	.1	.02	.4	.1	.64	1	<.5	<2	.09
SND05435-37	2.1	34.8	43.8	87	.4	.7	1.3	438	.97	10.2	4.5	101.0	9.5	7	.4	1.1	.4	2	.07	.018	17	6.8	.03	180	.001	3	.25	.031	.21	.1	.01	.5	.1	.30	1	<.5	<2	.17
SND05435-38	1.7	33.1	24.1	119	.4	.7	1.2	520	1.00	5.8	2.7	88.6	9.1	6	.5	.6	.7	3	.08	.018	17	4.7	.04	109	.001	4	.21	.032	.16	.1	.01	.5	.1	.18	1	<.5	<2	.13
SND05435-39	2.7	19.1	68.2	246	.2	.8	1.6	593	1.08	5.9	3.4	17.7	10.0	6	1.8	1.9	.2	2	.08	.019	19	4.8	.04	54	.001	4	.21	.029	.16	.1	.01	.6	.1	.30	1	<.5	<2	.02
SND05435-40	2.0	6.4	41.1	298	.2	.8	1.5	725	1.07	2.7	4.4	470.0	12.8	6	.8	.2	.1	4	.08	.018	20	5.4	.03	63	.001	2	.21	.032	.16	.1	<.01	.6	.1	.12	1	<.5	<2	.27
SND05435-41	1.7	54.6	63.5	279	.5	.9	1.5	655	1.39	10.0	3.1	35.0	10.2	6	1.1	.6	.7	4	.09	.020	18	4.9	.04	105	.004	2	.24	.031	.15	.2	.01	.7	.1	.47	1	<.5	<2	.06
SND05435-42	2.2	70.9	7.6	45	.8	1.9	6.6	1347	3.04	10.2	3.6	110.0	6.9	68	.2	.4	1.3	14	1.59	.086	18	5.4	.52	381	.001	5	.41	.025	.30	<.1	.04	2.7	.1	.39	1	<.5	<2	.10
ELK05-R2(rock)	3.4	8.4	109.3	9	1.3	1.2	.6	134	.43	5.5	1.2	127.4	1.0	4	.1	.2	.8	2	.02	.005	21	13.6	.01	28	.001	1	.15	.003	.11	.1	<.01	.2	<.1	.06	<1	<.5	<2	.16
STANDARD DS6/R-	11.3	121.5	29.8	141	.3	24.5	10.7	700	2.79	21.2	6.6	45.3	3.0	41	6.0	3.3	5.1	55	.85	.080	14	188.2	.57	166	.081	18	1.89	.074	.17	3.2	.23	3.3	1.7	<.05	6	4.5	156	5.75

Standard is STANDARD DS6/R-2a/OxL34. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data (FA ____

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(If 001 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Almaden Minerals Ltd. PROJECT ELK05-8 File # A506333

1103 - 750 W. Pender St., Vancouver BC V6C 2T8 Submitted by: Wojtek Jakubowski

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm
SND05433-2	1.7	117.8	139.6	89	2.1	2.6	2.6	107	1.55	41.0	84.4	203.3	9.3	17	1.3	.3	.3	3	.81	.026	23	4.0	.04	86	.001	<1	.44	.031	.27	.3	.01	.6	.1	1.58	1	<.5
SND05433-28	5.4	88.4	257.1	216	5.0	1.6	2.3	44	1.34	49.8	9.0	1474.6	5.1	7	4.3	1.8	2.7	3	.22	.010	6	7.6	.02	46	.001	3	.30	.006	.23	.2	.06	.3	.1	1.39	1	<.5
SND05434-35	4.8	372.0	386.3	224	35.0	2.0	10.9	47	3.69	113.2	7.7	12977.1	4.6	7	5.6	13.5	12.3	2	.19	.009	6	8.9	.02	15	.001	1	.35	.006	.30	.1	.10	.3	.1	4.43	1	<.5
SND05435-35	8.7	414.3	741.4	114	60.4	1.6	3.4	74	2.16	80.7	6.0	10852.7	6.6	7	2.4	5.0	26.8	2	.16	.005	6	4.7	.02	37	.001	1	.35	.004	.29	.2	.06	.3	.1	2.41	1	<.5
SND05435-36	5.3	91.0	190.8	78	44.6	1.2	2.7	24	1.68	40.2	3.5	5376.2	5.3	3	1.6	1.2	26.4	2	.07	.005	6	6.9	.01	43	<.001	1	.33	.004	.28	.1	.04	.3	.1	1.82	1	<.5
STANDARD DS6	11.4	122.1	31.0	142	.3	24.8	10.5	704	2.81	21.2	6.6	47.4	3.0	40	5.9	3.4	5.0	55	.85	.078	14	187.5	.57	172	.079	16	1.90	.073	.16	3.4	.22	3.3	1.7	<.05	6	4.7

GROUP 1DX - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-MS.
(>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME MINERALS MAY BE PARTIALLY ATTACKED. REFRACTORY AND GRAPHITIC SAMPLES CAN LIMIT AU SOLUBILITY.
- SAMPLE TYPE: DRILL CORE M150

Data IS FA ____ **DATE RECEIVED:** OCT 3 2005 **DATE REPORT MAILED:** Oct 28/05

BRITISH COLUMBIA CERTIFIED ASSAYER
C.L
Clarence Leong

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9001 Accredited Co.)

ASSAY CERTIFICATE

Almaden Minerals Ltd. PROJECT ELK05-8 File # A506333

1103 - 750 W. Pender St., Vancouver BC V6C 2T8 Submitted by: Wojtek Jakubowski

SAMPLE#	S.Wt gm	NAu mg	-Au gm/mt	TotAu gm/mt
SND05433-2	285	<.01	.30	.30
SND05433-28	734	.02	1.82	1.85
SND05434-35	946	.57	15.89	16.49
SND05435-35	1024	3.29	12.37	15.58
SND05435-36	950	.98	5.39	6.42
STANDARD OxL34	-	<.01	5.70	5.70

-AU : -150 AU BY FIRE ASSAY FROM 1 A.T. SAMPLE. DUPAU: AU DUPLICATED FROM -150 MESH. NAU - NATIVE GOLD, TOTAL SAMPLE FIRE ASSAY.
- SAMPLE TYPE: DRILL CORE M150

Data___ FA ✓ DATE RECEIVED: OCT 3 2005 DATE REPORT MAILED: Oct 28/05

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(ISO 9001 Accredited Co.)

ASSAY CERTIFICATE

Almaden Minerals Ltd. PROJECT ELK05-8 File # A506333

1103 - 750 W. Pender St., Vancouver BC V6C 2T8 Submitted by: Wojtek Jakubowski

SAMPLE#	S.Wt gm	NAg mg	-Ag gm/mt	TotAg gm/mt
SND05433-2	285	<.06	2	2
SND05433-28	734	<.06	6	6
SND05434-35	946	<.06	35	35
SND05435-35	1024	13.18	56	69
SND05435-36	950	3.72	42	46
STANDARD R-2a	-	<.06	156	156

-AG : -150 AG BY FIRE ASSAY FROM 1 A.T. SAMPLE. DUPAG: AG DUPLICATED FROM -150 MESH. NAG - NATIVE SILVER, TOTAL SAMPLE FIRE ASSAY.
- SAMPLE TYPE: DRILL CORE M150

Data___ FA ____ **DATE RECEIVED:** OCT 3 2005 **DATE REPORT MAILED:** Oct 28/05

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GEOCHEMICAL ANALYSIS CERTIFICATE

Almaden Minerals Ltd. PROJECT ELK05-8 File # A506334

1103 - 750 W. Pender St., Vancouver BC V6C 2T8 Submitted by: Wojtek Jakubowski

SAMPLE#	Au* ppb	Sample gm
SND05433-14	12.2	30
SND05433-15(pulp)	34123.7	15
SND05433-34	11.3	30
SND05433-35(pulp)	34974.4	15
SND05434-33	7.8	30
SND05434-34(pulp)	34446.0	15
SND05435-9	5.6	30
SND05435-10(pulp)	32557.6	15
SND05435-29	8.1	30
SND05435-30(pulp)	10081.2	15
STANDARD AU-R	440.8	30

GROUP 3A - IGNITED 30 GM SAMPLE LEACHED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG.C FOR ONE HOUR, DILUTED TO 600 ML, ANALYSED BY ICP-MS.
UPPER LIMITS - AU* = 100 PPM.
- SAMPLE TYPE: DRILL CORE R150

Data 1 FA ____ DATE RECEIVED: OCT 3 2005 DATE REPORT MAILED: Oct 25/05

BRITISH COLUMBIA CERTIFIED ASSAYER
Clarence Leong

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9001 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Almaden Minerals Ltd. PROJECT ELK05-9 File # A506917 Page 1

1103 - 750 W. Pender St., Vancouver BC V6C 2T8 Submitted by: Wojtek Jakubowski

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Ag** gm/mt	Au** gm/mt
G-1	.1	5.3	3.8	44	<.1	4.9	3.9	507	1.71	1.4	1.8	<.5	4.2	46	<.1	<.1	.1	32	.42	.075	6	10.8	.59	197	.109	1	.85	.038	.43	.1	<.01	1.6	.3	<.05	4	<.5	<2	<.01
SLD05436-1	.7	62.2	112.1	115	2.2	10.8	3.5	1564	4.15	181.7	16.3	547.1	11.6	5	2.0	.3	.4	11	.10	.031	4	6.2	.14	32	.001	<1	.40	.019	.24	.1	.01	.5	.1	3.39	1	<.5	3	1.33
SLD05436-2	1.1	77.1	79.1	54	4.0	4.9	22.5	3108	4.92	48.1	3.9	2045.7	13.2	5	.4	.2	1.9	6	.16	.037	6	4.2	.08	39	.001	<1	.42	.027	.28	.1	<.01	1.6	.1	3.82	2	<.5	5	1.07
SLD05436-3	.5	68.5	77.3	53	3.6	1.9	7.1	1140	3.11	75.7	14.0	934.8	11.0	4	.9	.2	.8	4	.09	.028	10	2.2	.04	32	.001	<1	.38	.021	.26	.1	<.01	1.0	.1	2.81	1	<.5	5	.74
SLD05436-4	.5	8.4	6.7	14	.1	.9	.4	177	.58	3.1	9.2	2.1	30.5	3	.1	.2	.1	1	.03	.003	19	5.6	.03	19	.003	<1	.19	.057	.10	.3	<.01	.7	<.1	.10	1	<.5	<2	.01
SLD05436-5	1.3	32.9	408.3	525	1.2	1.5	1.9	904	1.09	29.6	5.9	82.6	10.0	4	11.0	.2	.1	3	.07	.022	15	4.7	.03	29	.001	<1	.30	.019	.23	.1	.05	.6	.1	.67	1	<.5	<2	.22
SLD05436-6	1.1	51.7	521.2	829	1.8	1.2	1.9	911	1.13	32.9	5.3	100.8	9.7	3	18.1	.1	.1	3	.06	.021	13	3.7	.03	29	.001	<1	.31	.015	.26	.1	.05	.6	.1	.72	1	<.5	2	.15
SLD05436-9	2.0	200.7	184.9	171	5.1	1.2	2.9	591	1.24	23.2	8.4	2610.8	9.8	3	3.8	.2	1.1	2	.10	.037	14	3.5	.03	29	.001	<1	.35	.014	.28	.1	.52	.8	.1	.95	1	<.5	7	1.05
SLD05436-10	1.0	267.0	2081.7	307	7.9	1.2	2.2	1073	2.07	67.0	3.9	1928.7	11.7	4	7.4	.4	1.4	4	.07	.023	13	4.1	.05	33	.003	<1	.34	.020	.24	.2	<.01	.9	.1	1.70	1	<.5	11	2.64
SLD05436-11	1.3	148.8	31.5	79	2.7	1.2	1.6	776	1.18	8.5	3.7	971.0	11.0	11	1.6	.1	1.9	2	.32	.024	12	5.1	.10	81	.001	<1	.32	.016	.24	.2	.01	.7	.1	.62	1	<.5	4	1.40
SLD05436-12	1.4	591.0	33.3	71	10.3	1.0	2.4	962	1.57	19.1	3.7	3580.2	10.4	13	1.5	.1	4.1	4	.46	.023	14	7.2	.09	37	.003	<1	.33	.020	.24	.2	<.01	.8	.1	1.21	1	<.5	15	4.70
SLD05436-13	4.9	11.2	115.4	140	.2	3.3	2.0	638	1.28	21.3	11.3	54.4	10.7	8	2.3	.1	.1	3	.11	.023	14	3.0	.07	151	<.001	<1	.36	.022	.19	.1	<.01	.7	.2	.43	1	<.5	<2	.08
SLD05436-15	1.0	70.1	33.6	121	.6	102.3	32.2	4240	6.79	12.1	5.2	780.9	.7	40	.7	.1	.1	60	1.02	.152	10	128.6	1.41	319	.010	1	1.65	.006	.31	.1	.01	11.8	.3	.38	5	<.5	<2	1.01
SLD05436-16	1.9	249.7	81.6	85	4.8	124.9	45.7	4158	6.46	30.2	4.4	1386.4	.7	38	.5	.3	2.4	68	.69	.164	10	134.3	.54	92	.016	<1	1.21	.006	.34	.1	.08	10.9	.8	1.13	4	<.5	4	1.67
RE SLD05436-16	1.7	251.1	80.6	87	4.5	125.8	46.7	4250	6.62	31.2	4.6	2417.0	.8	38	.5	.3	2.5	67	.70	.164	10	135.4	.55	93	.016	1	1.22	.006	.36	.1	.08	11.1	.8	1.18	4	<.5	5	1.71
RRE SLD05436-16	1.9	266.9	102.4	87	6.8	122.4	45.9	4171	6.48	33.8	4.8	1621.7	.9	38	.5	.4	2.7	65	.68	.158	10	130.1	.53	81	.016	2	1.19	.006	.34	.1	.09	10.8	.8	1.23	4	<.5	6	1.84
SLD05436-18	2.2	12.3	9.0	18	.1	5.3	2.4	330	1.07	4.1	3.8	29.8	11.1	7	.2	.1	.1	6	.12	.025	22	4.6	.05	43	.001	<1	.40	.030	.15	<.1	.10	1.1	.2	.16	1	<.5	<2	.06
SLD05437-1	8.0	28.5	63.9	114	.9	2.5	1.7	555	.93	20.6	6.4	31.6	10.2	5	2.4	.3	.1	2	.07	.022	16	3.5	.03	26	<.001	<1	.30	.015	.19	.1	<.01	.7	.1	.46	1	<.5	2	.04
SLD05437-3	7.1	62.3	214.3	627	2.8	39.9	13.2	115	2.43	163.0	28.3	456.0	7.4	30	14.7	.7	.7	13	.38	.169	6	16.5	.07	35	.004	<1	.64	.005	.43	.3	.04	1.9	.2	2.78	2	<.5	3	.45
SLD05437-4	2.5	154.7	389.4	139	14.1	114.2	21.6	1389	6.26	468.1	102.2	681.7	1.5	29	4.5	1.7	1.1	18	.41	.171	7	31.6	.10	33	.004	<1	.61	.004	.35	.3	.05	3.0	.2	6.00	2	<.5	13	.76
SLD05437-5	119.6	14.4	484.1	222	1.0	9.2	1.2	280	.62	19.8	23.9	46.7	9.1	41	6.1	.2	.3	3	.06	.025	14	4.3	.03	28	.001	<1	.36	.003	.27	.2	.03	.5	.1	.35	1	<.5	2	.11
SLD05437-6	2.2	39.2	561.0	827	3.1	1.6	1.3	1248	1.93	85.1	7.9	134.9	10.2	3	16.1	.5	.1	1	.05	.021	8	3.5	.03	17	.001	<1	.34	.003	.29	.2	.03	.6	.1	1.40	1	<.5	3	.15
SLD05437-7	1.3	22.7	426.0	932	3.8	1.3	1.6	554	1.26	140.0	2.6	111.0	8.8	5	15.8	1.5	<.1	2	.06	.016	14	2.9	.01	23	<.001	<1	.18	.018	.14	.1	.03	.5	.1	.90	<1	<.5	6	.17
SLD05437-8	1.1	7.6	210.3	385	.9	1.6	1.5	711	1.07	39.7	3.0	35.3	9.5	7	6.3	.4	<.1	2	.07	.021	17	3.7	.02	30	<.001	<1	.26	.025	.17	.1	.02	.7	.1	.32	1	<.5	<2	.05
SLD05437-11	1.2	8.9	147.3	136	.4	1.3	1.6	889	.94	29.2	10.5	27.1	9.3	5	3.3	.2	<.1	1	.06	.019	17	3.8	.02	21	<.001	<1	.27	.013	.20	.1	.01	.6	.1	.28	1	<.5	<2	.06
SLD05437-12	3.5	45.4	1224.0	3179	1.6	1.2	2.2	2004	1.36	72.1	18.9	90.5	9.7	6	62.6	.5	<.1	1	.06	.019	13	3.0	.03	29	<.001	<1	.27	.003	.25	.2	.22	.7	.1	.73	1	<.5	2	.10
SLD05437-13	4.2	140.7	5987.3	>10000	6.5	.8	2.2	7032	2.65	153.4	6.7	184.5	12.5	10	224.5	1.4	<.1	1	.10	.030	8	3.0	.05	21	<.001	<1	.31	.003	.28	.2	.41	.6	.1	1.77	1	<.5	8	.25
SLD05438-1	2.0	7.2	38.0	75	.2	.9	2.4	99	.86	15.4	7.5	91.6	11.4	4	.5	.1	<.1	3	.05	.026	18	3.3	.03	27	.002	<1	.26	.021	.19	<.1	<.01	.6	.1	.34	1	<.5	<2	.24
SLD05438-2	1.1	4.5	38.4	46	<.1	2.9	2.2	641	1.04	7.7	10.9	6.1	11.7	7	.7	.1	<.1	2	.10	.023	22	3.9	.03	27	<.001	1	.29	.028	.16	.1	<.01	.8	.1	.16	1	<.5	<2	.02
SLD05438-4	9.0	56.1	8.9	67	.3	71.1	31.4	3519	4.07	24.8	2.0	8.5	3.0	26	.3	.3	<.1	58	.44	.125	13	51.4	.27	146	.034	2	.99	.006	.54	.2	<.01	11.1	.3	.40	3	<.5	<2	.03
SLD05438-6	2.4	4.7	15.1	68	.2	4.1	2.4	699	1.07	8.4	5.4	17.9	12.2	13	1.1	.1	<.1	2	.10	.025	19	2.9	.03	48	<.001	1	.33	.019	.18	.1	.01	.8	.1	.24	1	<.5	<2	.05
SLD05438-7	.9	4.0	738.6	21	1.5	2.3	2.1	600	1.08	6.3	1.7	649.0	9.8	8	.3	.2	.8	4	.10	.022	18	3.3	.03	56	.002	3	.27	.034	.13	.1	.01	1.0	.1	.22	1	<.5	<2	.65
SLD05438-8	2.0	34.2	645.4	2064	3.0	1.5	2.3	2364	1.92	1402.1	6.0	286.3	10.3	3	35.7	2.3	.1	1	.06	.019	11	4.4	.03	32	<.001	4	.32	.006	.28	.1	.02	.5	.1	1.23	1	<.5	4	.32
SLD05439-1	3.6	44.9	42.4	40	.4	9.9	4.1	651	1.06	14.8	45.7	128.8	11.7	10	1.3	.4	.2	2	.11	.021	22	3.2	.03	32	<.001	3	.27	.025	.15	.1	<.01	.9	.2	.39	1	<.5	<2	.21
SLD05439-2	1.5	87.8	169.3	377	1.3	97.3	42.8	6376	7.23	21.5	3.5	83.7	1.2	15	8.6	.4	1.0	52	.50	.148	11	88.7	1.03	30	.010	3	1.46	.004	.40	.2	.01	10.3	.2	.98	4	<.5	<2	.15
STANDARD DS6/R-2a/OxL34	11.3	120.6	29.2	141	.3	24.3	10.7	701	2.80	21.2	6.6	47.5	2.9	40	6.1	3.3	5.0	55	.85	.078	13	175.7	.57	166	.081	16	1.90	.074	.15	3.3	.23	3.4	1.7	<.05	6	4.3	157	5.88

GROUP 1DX - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-MS.
(>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME MINERALS MAY BE PARTIALLY ATTACKED. REFRACTORY AND GRAPHITIC SAMPLES CAN LIMIT AU SOLUBILITY.
AG** & AU** BY FIRE ASSAY FROM 1 A.T. SAMPLE.
- SAMPLE TYPE: DRILL CORE R150 Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data L FA ____ DATE RECEIVED: OCT 21 2005 DATE REPORT MAILED: Nov. 23/05.

BRITISH COLUMBIA CERTIFIED ASSAYER
Clarence Leong

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Ag** gm/mt	Au** gm/mt
G-1	.2	6.1	3.2	41	<.1	4.0	4.1	506	1.84	<.5	1.7	<.5	4.1	61	<.1	<.1	.1	37	.47	.073	7	10.8	.56	189	.127	4	.96	.073	.47	<.1	<.01	1.9	.3	<.05	5	<.5	<2	.01
SLD05439-3	6.5	2087.6	2746.9	715	>100	34.3	16.7	674	6.15	115.0	8.1	42050.7	7.4	16	21.7	5.2	62.0	7	.17	.061	4	7.6	.06	12	.002	4	.36	.006	.28	.2	.07	1.0	.2	6.93	1	.5	234	14.25
SLD05439-4	2.3	2884.8	540.8	157	65.5	3.2	1.1	107	3.28	115.6	4.1	13457.4	12.2	19	4.7	1.1	19.4	2	.07	.025	5	3.1	.03	20	.001	3	.30	.004	.27	.1	.01	.4	.1	3.72	1	<.5	75	21.26
SLD05439-5	1.6	1442.0	301.6	353	55.7	1.9	1.6	371	1.06	79.0	3.9	395.0	10.1	5	8.0	2.8	12.2	1	.07	.023	11	3.1	.02	20	.001	3	.25	.005	.24	.1	.02	.4	.1	.90	1	<.5	64	1.08
SLD05439-6	1.3	20.6	131.6	174	1.6	1.0	2.0	762	.94	34.8	5.0	33.6	11.3	10	3.0	.3	.2	2	.10	.027	18	2.9	.03	21	<.001	2	.24	.018	.16	.1	.01	.7	.1	.29	<1	<.5	2	.07
SLD05439-7	1.3	21.2	142.2	167	1.0	.8	1.9	705	.90	38.4	5.3	38.3	10.5	8	3.1	.3	.1	2	.09	.024	17	2.7	.02	19	<.001	3	.22	.016	.17	.1	<.01	.6	.1	.31	<1	<.5	2	.12
SLD05440-1	2.1	271.4	4986.1	1723	>100	1.2	2.4	63	1.79	8619.5	7.8	1973.5	11.6	3	35.1	142.3	.2	2	.07	.023	16	2.5	.03	25	.001	3	.24	.016	.21	.1	.04	.6	.1	1.64	1	<.5	270	3.11
SLD05440-2	1.0	6.2	199.9	24	.7	1.0	1.8	239	1.09	14.8	4.6	6.2	12.1	5	.3	.6	.1	11	.07	.027	29	3.7	.17	59	.027	1	.32	.043	.15	<.1	<.01	1.1	.1	.06	2	<.5	2	.38
SLD05440-3	1.4	6.8	42.1	53	.1	1.0	1.4	289	.64	2.9	3.2	3.0	11.8	5	1.4	.1	<.1	6	.10	.027	23	5.0	.04	31	.007	2	.21	.032	.13	.1	.01	.6	.1	.07	1	<.5	<2	.03
SLD05440-4	1.4	23.0	33.6	27	1.0	3.5	2.4	805	.92	36.2	8.9	14.9	12.1	6	.3	.6	.1	1	.09	.024	16	3.7	.02	27	<.001	1	.23	.020	.19	<.1	<.01	.5	.1	.34	<1	<.5	<2	.03
SLD05440-5	1.6	77.1	45.9	73	1.5	11.9	7.6	1043	2.81	70.6	4.9	742.4	10.1	4	1.1	.3	.5	1	.06	.020	7	3.2	.03	34	<.001	2	.28	.005	.28	.1	.01	.5	.1	2.47	1	<.5	2	.94
SLD05440-6	.8	56.4	9.2	73	.2	87.3	34.1	3925	4.14	11.9	9.9	2.0	1.0	20	.3	.2	.1	51	.52	.190	13	46.4	.44	63	.020	4	.92	.005	.58	.1	<.01	7.0	.3	.45	3	<.5	<2	.01
SLD05440-7	.8	88.0	11.3	92	.6	94.7	39.4	5603	6.02	10.5	2.9	84.6	.9	16	.2	.2	.4	49	.54	.196	13	74.7	.82	40	.011	2	1.09	.005	.48	.1	<.01	9.1	.2	.69	3	<.5	<2	.15
RE SLD05440-7	.9	81.9	10.7	92	.6	95.0	39.2	5481	6.07	11.0	2.9	71.1	.9	16	.2	.2	.5	47	.55	.188	13	75.2	.81	40	.010	3	1.11	.005	.48	.1	<.01	9.2	.2	.66	3	<.5	<2	.12
RRE SLD05440-7	.8	88.4	11.2	90	.6	96.7	39.4	3686	6.05	10.1	2.8	130.0	.9	16	.3	.2	.5	47	.46	.187	12	75.3	.84	41	.011	4	1.11	.004	.48	.1	<.01	9.1	.2	.68	4	<.5	<2	.20
SLD05440-8	7.1	63.9	1358.3	3844	17.3	62.7	17.6	7074	6.63	129.2	19.7	558.3	4.4	32	76.3	1.3	.3	8	.24	.027	7	6.4	.15	44	.001	2	.30	.005	.18	.2	.14	3.1	.2	1.67	1	<.5	19	.63
SLD05440-9	.9	3.7	17.5	17	.2	5.7	2.5	211	.57	5.4	3.4	14.1	11.3	10	.2	.1	<.1	3	.10	.026	18	3.5	.03	23	<.001	2	.22	.021	.12	<.1	<.01	.7	.1	.17	1	<.5	<2	.06
SLD05440-10	1.8	18.5	196.3	478	1.7	1.9	1.9	1024	1.20	54.5	16.2	212.9	9.7	7	8.7	.2	.1	1	.09	.021	13	3.2	.03	24	<.001	1	.24	.007	.21	.1	.01	.6	.1	.58	1	<.5	2	.43
SND05441-1	1.1	31.5	134.2	204	1.1	3.1	7.7	2342	3.48	25.8	4.3	140.7	5.6	13	3.0	.3	.3	26	.43	.074	16	2.7	.25	114	.033	2	.49	.024	.29	.1	.02	4.7	.9	.45	2	<.5	3	.28
SND05441-2	1.0	8.9	134.0	198	.5	2.0	8.5	1847	2.76	9.1	3.3	188.3	7.1	11	2.4	.1	.1	16	.40	.078	18	1.7	.22	178	.011	1	.46	.020	.29	.1	.01	3.3	.3	.42	1	<.5	<2	.11
SND05441-3	2.7	108.2	89.2	181	1.2	4.0	9.2	2717	4.38	13.9	7.1	73.6	7.4	12	.8	.4	.1	13	.40	.067	20	1.9	.27	162	.005	2	.49	.017	.28	.1	<.01	3.7	.1	.52	1	<.5	3	.19
SND05441-4	.2	3554.0	4.2	110	6.4	85.8	185.8	1290	7.64	109.9	.6	141.3	2.9	46	.3	.2	.1	89	2.77	.226	18	11.3	.49	23	.163	2	1.24	.096	.14	.2	<.01	5.9	<.1	3.40	5	13.9	8	.23
SND05441-5	.9	4733.6	5.5	308	4.0	152.5	160.3	951	8.25	32.0	1.7	68.6	3.0	29	1.9	.3	.6	81	1.29	.085	13	7.8	.41	42	.118	4	1.21	.116	.12	.1	.01	3.6	.1	3.58	6	5.6	5	.15
SND05441-6	.3	2100.1	4.8	49	1.7	99.4	59.1	590	3.30	26.7	.7	143.7	1.8	57	.1	.3	.2	50	2.19	.219	14	29.8	.43	72	.066	4	1.23	.070	.16	<.1	<.01	7.9	.1	1.41	3	6.5	<2	.07
SND05441-7	.4	779.3	21.2	156	21.6	52.1	28.7	2842	7.10	60.5	7.9	11128.0	1.7	15	.8	.5	1.0	63	.77	.190	13	18.7	.48	31	.006	3	.87	.012	.37	.1	.01	14.6	.2	2.64	2	<.5	22	9.13
SND05441-8	1.4	1408.4	113.0	182	47.7	66.2	30.1	3221	9.21	94.1	9.4	24526.5	1.6	15	1.6	1.0	6.4	66	.79	.174	13	20.5	.53	31	.006	2	.97	.011	.37	.2	.02	15.6	.2	4.52	2	<.5	50	25.78
SND05441-11	.6	394.6	43.1	53	3.0	46.4	36.8	889	4.93	154.7	4.0	367.6	1.9	39	.4	.7	1.5	49	1.16	.273	14	26.7	.42	46	.019	3	1.14	.030	.27	.1	<.01	8.1	.1	3.59	3	.7	4	.49
SND05441-12	2.7	161.7	46.2	251	5.9	27.0	35.5	5503	11.71	86.2	2.0	1074.3	.8	24	.7	.3	2.4	36	.96	.073	14	2.8	.57	42	.001	1	.51	.011	.21	.1	<.01	7.0	.1	1.76	2	<.5	8	1.13
SND05441-13	1.9	190.4	55.5	108	5.3	20.4	21.6	1175	5.43	94.4	2.8	3734.4	4.0	43	1.1	.5	1.0	38	.95	.270	28	14.7	.22	47	.009	2	.71	.013	.27	<.1	.01	5.0	.1	3.42	2	<.5	9	5.48
SND05441-14	1.2	1227.3	8.1	135	1.8	28.0	26.3	1326	6.55	39.3	1.9	143.1	2.9	77	.3	.4	.3	64	4.14	.244	20	23.9	.84	46	.120	8	2.35	.171	.29	.5	<.01	5.3	<.1	.89	8	2.1	3	.15
SND05442-1	1.0	19.2	5.0	38	.1	2.2	6.9	944	2.46	3.8	6.1	18.0	7.2	14	.1	.1	<.1	34	.52	.080	19	3.7	.38	143	.078	<1	.62	.030	.28	<.1	<.01	3.4	.1	<.05	3	<.5	<2	.03
SND05442-2	1.6	45.4	65.5	195	.9	3.1	9.3	1541	2.98	53.5	4.2	270.4	4.7	14	.9	.2	.1	23	.35	.077	21	3.3	.25	88	.036	2	.55	.022	.29	<.1	.02	4.0	.7	.65	2	<.5	<2	.76
SND05443-1	1.7	106.7	69.3	46	1.3	1.7	5.3	580	1.90	21.2	4.0	278.2	10.9	7	.3	.2	.5	5	.16	.025	17	4.5	.05	40	.006	1	.26	.027	.14	.1	.01	.8	.1	1.21	1	<.5	3	.40
SND05443-2	1.3	27.1	12.6	14	.1	.6	1.4	366	.54	4.7	3.7	16.6	11.0	7	.1	.3	.1	4	.08	.022	22	3.8	.02	40	.002	<1	.18	.029	.09	.1	<.01	.9	.1	.10	1	<.5	<2	.02
SND05443-3	1.9	52.6	7.6	21	.2	.8	2.1	681	1.30	12.4	4.0	5.3	11.0	5	.1	.2	.1	4	.08	.023	23	3.1	.04	34	.004	1	.19	.028	.12	.1	<.01	.8	.1	.48	1	<.5	<2	.02
STANDARD DS6/R-2a/OxL34	11.5	121.8	29.7	142	.3	24.6	10.8	702	2.81	20.9	6.7	45.7	3.0	41	6.1	3.4	5.0	56	.85	.079	14	184.0	.57	165	.081	16	1.90	.072	.15	3.3	.22	3.3	1.7	<.05	6	4.4	158	5.82

Sample type: DRILL CORE R150. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data A FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Ag** gm/mt	Au** gm/mt
G-1	.1	1.8	2.9	37	<.1	3.5	3.5	470	1.56	.5	1.6	.7	2.9	51	<.1	<.1	.1	28	.53	.067	6	7.6	.56	180	.101	2	.84	.046	.41	<.1	<.01	1.5	.3	<.05	4	<.5	<2	<.01
SND05443-4	2.6	88.6	196.7	235	8.6	1.1	5.4	544	2.26	31.4	5.4	2947.1	9.4	5	4.4	.2	12.5	4	.10	.028	15	2.0	.05	33	.005	<1	.22	.019	.17	.1	.01	1.0	.1	1.89	1	<.5	11	4.41
SND05443-5	2.6	79.8	67.9	64	6.5	1.0	10.9	443	2.89	24.5	5.6	12273.5	8.4	4	1.1	.2	97.4	2	.08	.022	23	2.3	.04	31	.004	<1	.22	.016	.18	.1	<.01	.7	.1	2.92	1	<.5	7	3.38
SND05443-6	2.2	32.4	21.4	45	.9	.9	2.9	606	1.32	15.3	5.3	1543.5	9.1	5	.5	.1	1.2	5	.09	.025	20	3.4	.07	42	.010	<1	.24	.025	.18	.1	<.01	.8	.1	.57	1	<.5	<2	1.31
SND05443-7	2.7	97.3	104.6	38	1.7	1.1	3.5	331	1.86	49.3	9.6	140.8	11.4	5	.6	1.0	3.1	1	.06	.020	10	3.8	.02	28	.001	<1	.20	.010	.19	.1	.01	.4	.1	1.82	1	<.5	<2	.42
SND05443-8	2.3	162.9	157.5	64	3.1	1.0	2.8	272	1.48	71.2	23.8	898.2	8.4	12	1.2	5.8	1.6	1	.06	.022	10	2.3	.02	46	<.001	<1	.19	.008	.16	<.1	.12	.5	.1	1.32	1	<.5	3	1.63
SND05443-9	1.8	41.6	73.5	104	.4	.7	1.7	635	1.11	10.3	5.3	19.6	8.4	9	.5	.3	.3	3	.08	.021	16	3.8	.03	56	.002	<1	.23	.030	.16	.1	<.01	.7	.1	.33	1	<.5	<2	.04
SND05443-10	1.9	6.5	63.5	114	<.1	.8	1.4	485	.85	6.6	3.5	6.2	8.8	9	.6	.4	<.1	3	.08	.020	18	2.6	.05	55	.010	<1	.18	.020	.14	.1	<.01	.8	.1	.09	1	<.5	<2	.02
RE SND05443-10	1.5	5.9	62.4	112	<.1	.7	1.3	483	.82	6.1	3.5	8.2	9.0	9	.6	.4	<.1	3	.08	.021	18	5.6	.05	54	.010	<1	.18	.021	.14	<.1	<.01	.9	.1	.09	1	<.5	<2	.01
RRE SND05443-10	1.5	6.5	63.3	113	<.1	.7	1.5	489	.87	7.2	3.7	3.5	9.0	9	.5	.3	.1	3	.09	.021	18	2.8	.05	58	.010	<1	.21	.025	.16	.1	<.01	.9	.1	.10	1	<.5	<2	.02
SND05443-11	1.4	3.4	72.0	170	<.1	.8	1.6	631	1.04	4.4	3.4	44.3	10.2	10	.8	.3	<.1	4	.10	.024	16	2.8	.04	150	.005	<1	.18	.028	.11	.1	<.01	1.0	.1	.10	1	<.5	<2	.15
SND05443-12	1.8	5.8	94.1	182	.9	.9	2.5	634	1.25	12.9	4.6	1596.4	10.1	11	1.0	.3	.2	4	.10	.023	16	3.9	.04	103	.006	<1	.19	.027	.12	.1	<.01	1.1	.1	.39	1	<.5	<2	1.77
SND05443-13	1.1	5.7	3.2	40	<.1	1.4	4.8	651	2.08	.5	2.4	<.5	8.2	17	<.1	.1	<.1	33	.72	.063	14	3.4	.48	178	.127	<1	.74	.042	.35	.1	.01	2.8	.2	<.05	4	<.5	<2	.01
SND05443-14 (pulp)	14.9	293.9	338.1	358	5.8	151.0	23.4	508	3.38	205.3	3.1	13506.1	2.2	49	2.8	17.4	4.7	47	1.21	.042	6	279.4	.48	66	.035	<1	1.00	.030	.35	5.6	.48	4.6	.7	1.34	4	1.6	5	10.83
SND05443-15	1.5	9.4	163.5	230	.2	.8	2.3	898	1.32	7.7	2.6	31.0	10.4	9	.8	.9	.2	7	.11	.027	17	4.0	.04	91	.006	<1	.18	.027	.12	.1	<.01	1.2	.1	.18	1	<.5	<2	.11
SND05443-16	1.4	40.2	146.0	591	.2	.9	2.0	1058	1.44	10.9	5.1	22.9	9.8	5	2.3	.5	.1	1	.07	.020	13	2.8	.03	43	.001	<1	.20	.018	.17	.1	.01	.7	.1	.29	1	<.5	<2	.07
SND05443-17	1.3	38.6	420.7	575	.8	.8	3.1	884	1.37	18.5	12.3	157.0	10.0	9	4.2	3.7	.4	1	.07	.016	12	3.4	.04	238	<.001	1	.18	.019	.15	.2	.01	.5	.1	.45	<1	<.5	<2	.41
SND05443-18	1.9	11.7	30.0	120	<.1	.8	1.6	626	1.05	3.6	3.2	4.6	11.8	7	.4	.6	<.1	4	.10	.021	19	4.8	.04	52	.003	1	.16	.027	.09	.1	<.01	1.0	.1	.08	1	<.5	<2	.02
SND05443-19	1.6	55.2	34.8	18	3.3	.7	2.4	103	1.25	16.9	1.9	842.6	4.6	1	.2	.2	14.2	<1	.02	.008	4	4.8	.01	31	<.001	<1	.14	.004	.17	.1	.01	.3	<.1	1.15	<1	<.5	4	1.73
SND05443-20	1.5	19.5	28.1	91	.2	.8	1.7	547	.97	5.6	3.6	29.0	11.5	7	.4	.5	.1	2	.09	.021	17	3.9	.03	90	.001	<1	.16	.026	.12	<.1	.01	.8	.1	.20	1	<.5	<2	.11
SND05443-21	1.4	154.0	157.3	288	1.0	.9	1.7	635	1.89	60.3	4.4	75.4	10.3	3	1.0	3.8	.6	1	.06	.020	8	4.7	.03	34	<.001	<1	.21	.007	.23	.1	.01	.5	.1	1.41	1	<.5	2	.09
SND05443-23	2.3	135.4	202.3	381	1.4	.6	2.7	585	1.92	44.1	5.4	941.2	10.6	5	6.0	3.3	.6	1	.07	.017	11	3.3	.03	72	<.001	1	.19	.018	.18	.1	.04	.5	.1	1.45	1	<.5	<2	.75
SND05443-24	3.6	39.2	35.2	83	.8	.8	1.6	383	.98	13.7	5.9	84.7	9.4	6	.7	12.4	.5	2	.07	.017	16	2.6	.03	283	<.001	<1	.16	.021	.14	.1	.01	.6	.1	.37	<1	<.5	<2	.06
SND05443-25	2.5	89.5	360.9	258	4.8	1.1	2.7	707	2.08	34.9	11.3	140.9	8.7	5	1.5	20.1	4.9	1	.07	.019	10	2.9	.03	63	.001	1	.19	.019	.15	.1	.02	.6	.1	1.41	1	<.5	7	.25
SND05443-26	1.3	43.5	31.8	123	.3	.7	1.4	661	1.44	15.5	4.6	70.9	9.0	6	.3	4.9	.4	2	.08	.019	16	2.9	.04	158	.002	<1	.17	.027	.13	.1	<.01	.8	.1	.63	1	<.5	<2	.11
SND05443-27	1.4	56.1	610.4	380	1.1	1.0	2.6	681	1.44	12.7	3.9	79.0	10.1	8	2.4	15.0	2.3	1	.07	.017	16	2.3	.05	193	.001	2	.19	.021	.16	.1	.11	.8	.1	.55	1	<.5	<2	.11
SND05443-28	1.4	18.9	99.8	222	.1	1.0	1.6	784	1.18	6.4	5.8	14.4	9.4	6	.7	6.2	.2	1	.07	.017	16	2.7	.03	216	<.001	1	.16	.023	.13	.1	.01	.7	.1	.15	1	<.5	<2	.04
SND05444-1	2.2	84.6	69.6	50	3.2	1.2	2.8	138	1.19	19.6	9.3	301.9	10.2	5	2.1	.2	7.7	3	.06	.025	27	3.3	.05	115	.007	2	.31	.024	.15	.1	.01	1.1	.2	.68	1	<.5	3	1.47
SND05444-2	1.7	21.0	10.7	49	.1	.8	1.7	773	1.33	3.8	3.6	3.4	10.0	4	.1	.1	.3	9	.07	.026	18	3.9	.14	65	.028	<1	.30	.033	.19	.1	<.01	1.4	.1	.12	2	<.5	<2	.03
SND05444-3	1.2	51.0	76.1	61	1.1	1.7	2.0	785	1.40	20.6	2.8	531.8	9.6	7	.3	.2	.6	2	.08	.026	14	3.8	.04	52	.002	1	.21	.020	.16	.1	<.01	.9	.1	.60	1	<.5	<2	.06
SND05444-4	1.5	67.2	86.0	60	1.7	1.7	2.3	700	1.62	33.8	2.5	61.4	8.5	7	.3	.3	1.1	3	.09	.034	13	3.0	.03	48	.003	<1	.19	.018	.14	.1	.01	.8	.1	.97	1	<.5	3	.12
SND05444-5	1.2	3.9	3.7	21	<.1	.9	1.8	516	1.08	.5	3.3	<.5	9.9	8	<.1	.1	<.1	11	.28	.022	21	4.2	.17	64	.040	1	.35	.057	.17	.2	<.01	1.5	.1	<.05	2	<.5	<2	<.01
SND05444-6 (pulp)	14.1	278.4	318.0	338	5.0	154.9	22.3	503	3.17	195.5	2.9	10217.5	2.2	43	2.4	16.8	4.1	47	1.13	.040	5	291.7	.45	71	.033	2	.93	.027	.33	5.4	.37	4.4	.6	1.30	4	1.4	6	10.22
SND05444-7	2.2	160.3	122.9	67	1.4	1.1	3.3	474	1.96	44.9	4.1	145.1	9.4	9	.5	.8	1.8	2	.06	.023	9	2.8	.02	63	.001	2	.20	.009	.17	.1	.02	.8	.1	1.72	1	<.5	<2	.68
SND05444-8	1.6	75.6	134.5	62	1.4	1.1	1.9	443	1.09	28.5	5.2	946.6	9.6	7	.8	.8	.6	1	.07	.023	15	2.3	.03	45	.001	2	.20	.023	.15	.1	.02	.6	.1	.59	1	<.5	<2	.05
STANDARD DS6/R-2a/OxL34	11.3	122.6	29.3	142	.3	24.6	10.6	703	2.80	20.8	6.6	44.9	2.9	40	6.0	3.3	5.0	55	.85	.078	13	182.0	.57	163	.081	16	1.90	.074	.14	3.3	.23	3.2	1.7	<.05	6	4.3	161	5.80

Sample type: DRILL CORE R150. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data A FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Ag** gm/mt	Au** gm/mt
G-1	.1	1.8	2.9	41	<.1	3.6	3.8	468	1.57	<.5	1.6	<.5	3.2	46	<.1	<.1	.1	31	.40	.066	6	9.4	.52	178	.106	3	.77	.039	.40	.1	<.01	1.4	.3	<.05	4	<.5	<2	<.01
SND05444-9	1.3	22.9	111.4	72	.2	1.2	2.1	527	.99	7.9	4.7	23.9	9.1	12	.8	1.0	.1	5	.08	.022	18	2.9	.03	72	.004	1	.19	.026	.12	.1	.01	.8	.1	.16	1	<.5	<2	.10
SND05444-10	1.2	37.4	80.6	80	.2	1.0	2.4	503	1.04	14.1	3.5	68.1	10.0	9	.6	1.5	.1	4	.07	.025	18	2.3	.04	64	.005	1	.19	.024	.13	.1	<.01	.7	.1	.39	1	<.5	<2	.08
SND05444-11	1.0	17.4	21.7	26	.1	.8	1.6	355	.96	6.8	2.6	4.3	8.6	6	.2	.1	.1	5	.08	.022	23	2.2	.07	47	.017	<1	.18	.025	.13	.1	<.01	.9	.1	.35	1	<.5	<2	.01
SND05444-12	1.3	11.1	103.1	88	.3	.8	1.6	470	.86	12.3	4.6	148.9	10.0	9	.5	.8	.2	4	.08	.023	20	2.7	.06	55	.011	2	.21	.023	.15	.1	.01	.9	.1	.14	1	<.5	<2	.19
SND05444-13	1.5	12.7	73.3	40	.1	.8	1.2	289	.67	9.4	3.6	3.9	9.8	10	.3	.3	.1	2	.08	.021	17	2.7	.03	55	.006	1	.16	.024	.10	.1	.01	.7	.1	.14	1	<.5	<2	<.01
SND05444-14	2.0	13.1	52.3	78	.2	.8	1.7	829	1.19	6.8	4.5	5.1	10.4	8	.3	.2	.1	3	.08	.023	18	2.8	.06	101	.011	3	.24	.029	.17	.1	.01	.8	.1	.10	1	<.5	<2	.01
SND05444-15	1.6	11.0	73.5	75	<.1	.8	1.5	520	.94	2.6	3.7	3.5	11.6	8	.3	.2	<.1	5	.07	.022	18	2.8	.09	115	.023	1	.20	.023	.15	.2	<.01	1.0	.1	<.05	1	<.5	<2	<.01
SND05444-16	1.2	17.0	47.4	117	<.1	.8	1.8	610	1.12	5.7	2.6	2.3	8.6	6	.5	.3	<.1	5	.08	.022	16	2.5	.07	45	.016	1	.21	.026	.14	.1	<.01	1.1	.1	.17	1	<.5	<2	<.01
SND05444-17	1.7	11.3	1028.2	113	.2	.7	1.7	415	.94	7.4	9.2	56.1	10.0	11	.5	.4	.1	3	.08	.024	39	3.2	.06	41	.009	3	.21	.029	.13	.1	<.01	.8	.2	.10	1	<.5	<2	.03
SND05444-18	1.4	33.3	243.4	172	.4	1.1	2.9	798	1.29	25.5	5.9	7.1	8.9	5	.9	1.6	.2	1	.08	.022	12	2.7	.03	33	.001	2	.19	.020	.15	.1	<.01	.6	.2	.34	1	<.5	<2	.01
SND05444-19	1.5	33.0	96.7	130	.3	1.1	2.2	497	.91	8.3	10.3	7.0	8.9	12	.8	1.3	.2	2	.08	.020	13	2.1	.04	196	.001	1	.22	.021	.16	.1	.01	.7	.1	.18	1	<.5	<2	.04
SND05444-20	2.1	28.7	108.5	200	.3	.9	1.7	574	1.05	9.6	10.1	25.5	8.5	16	.8	.5	.2	2	.08	.017	16	3.0	.04	200	.001	1	.17	.022	.11	.1	.02	.6	.1	.18	<1	<.5	<2	.04
SND05444-22	2.3	51.1	98.6	124	.6	.8	1.0	403	.94	19.5	8.4	235.3	9.2	7	.7	1.4	.3	<1	.05	.016	12	2.6	.02	205	<.001	3	.21	.015	.16	.1	.02	.4	.1	.37	1	<.5	<2	.65
SND05444-23	1.6	56.1	95.5	58	.6	.7	1.6	291	1.09	31.5	7.6	732.8	9.1	6	.5	2.1	.2	<1	.05	.017	10	3.0	.02	88	<.001	3	.16	.020	.15	.1	<.01	.3	.1	.76	<1	<.5	<2	.78
SND05444-24	1.6	50.5	100.1	67	.4	.6	1.2	331	1.04	27.3	6.9	321.7	8.8	6	.5	2.3	.3	<1	.05	.018	9	2.2	.01	96	<.001	1	.13	.017	.13	.1	.01	.3	.1	.72	<1	<.5	<2	.37
SND05444-25	5.6	7.3	3.3	36	<.1	1.4	6.3	629	2.54	1.0	1.6	.8	6.1	16	<.1	.1	<.1	44	.68	.083	16	5.3	.60	251	.183	3	.85	.057	.51	.2	<.01	2.5	.3	<.05	5	<.5	<2	<.01
SND05444-26 (pulp)	19.7	53.3	401.3	32	4.5	1160.1	27.4	377	2.11	57.3	.4	30305.6	3.2	18	.1	.5	4.3	29	.45	.031	13	1449.5	.55	144	.043	4	.88	.040	.25	13.6	.02	2.2	.1	<.05	3	<.5	6	33.10
SND05444-27	1.8	19.7	488.0	120	.4	.7	1.6	446	.84	8.9	9.7	231.3	8.4	17	.6	1.3	.1	2	.07	.014	14	4.7	.03	328	<.001	3	.17	.011	.13	.1	.01	.5	.1	.26	<1	<.5	<2	.27
SND05444-28	1.6	28.8	113.1	132	.4	.6	1.4	444	.99	7.2	5.5	130.4	9.5	6	.7	2.0	.2	2	.07	.021	17	2.6	.04	96	.002	1	.14	.022	.11	.1	.01	.7	.1	.27	1	<.5	<2	.19
SND05444-29	2.2	83.0	84.2	107	1.0	.8	1.4	524	1.52	16.9	3.9	67.6	10.3	7	.6	1.1	1.0	2	.08	.020	17	2.5	.04	100	.001	2	.14	.025	.13	.1	<.01	.7	.1	.71	<1	<.5	<2	.18
SND05444-30	1.3	29.4	32.5	141	.1	.7	1.7	661	1.15	5.7	3.6	12.7	9.5	7	.6	1.1	1.5	3	.09	.021	19	3.8	.04	119	.002	2	.16	.027	.11	.3	<.01	.9	.1	.17	1	<.5	<2	.01
SND05444-31	1.4	34.8	30.2	70	.4	.6	1.4	448	.94	6.9	3.3	29.4	9.9	7	.5	1.3	.2	2	.07	.020	16	3.2	.04	149	.001	2	.15	.025	.13	.2	<.01	.7	.1	.18	<1	<.5	<2	.11
SND05445-1	1.7	15.4	62.5	26	.5	.6	.8	145	.63	3.5	4.1	126.9	10.2	6	.1	.4	.1	5	.07	.026	31	2.8	.07	64	.018	1	.25	.024	.18	.1	<.01	.9	.1	<.05	1	<.5	<2	.08
SND05445-2	1.2	62.5	123.3	96	.5	1.2	3.5	617	1.25	6.1	3.5	41.3	11.7	9	1.0	1.0	.2	4	.08	.025	19	2.5	.03	68	.003	2	.16	.029	.10	.1	<.01	1.0	.1	.41	1	<.5	<2	.06
SND05445-3	1.7	3.7	89.2	80	<.1	.7	1.7	538	.87	.9	3.9	14.3	10.4	8	.6	.2	<.1	4	.08	.023	27	2.4	.03	46	.003	2	.15	.026	.09	.1	.01	.7	.1	<.05	1	<.5	<2	.42
RE SND05445-3	2.0	3.8	92.0	84	<.1	.7	1.7	530	.86	.7	3.9	5.7	10.4	8	.6	.2	<.1	3	.07	.023	27	2.8	.03	45	.003	1	.15	.027	.09	.1	.01	.8	.1	<.05	1	<.5	<2	.23
RRE SND05445-3	2.0	3.5	88.8	79	<.1	.8	2.0	536	.93	1.6	3.7	19.4	11.2	8	.5	.2	<.1	4	.08	.024	28	2.5	.03	49	.004	1	.15	.028	.10	.1	<.01	.8	.1	.07	1	<.5	<2	.20
SND05445-4	1.6	12.0	135.7	135	<.1	1.1	2.3	1111	1.28	2.2	6.0	12.5	9.3	14	1.0	.3	<.1	3	.09	.029	21	3.0	.02	154	.001	5	.25	.042	.13	.1	.01	1.5	.1	.06	1	<.5	<2	.04
SND05445-5	1.5	23.1	242.1	344	.4	.8	1.6	558	1.00	5.1	2.7	642.4	10.1	8	8.4	.5	<.1	5	.08	.024	20	3.2	.04	53	.011	2	.18	.029	.12	.1	.01	1.2	.1	.13	1	<.5	<2	.31
SND05445-6	2.0	7.9	405.2	81	.4	.7	2.3	391	.91	20.0	7.4	246.7	8.6	15	1.1	.6	<.1	3	.07	.019	26	3.0	.02	69	.001	2	.18	.026	.10	.1	.02	.6	.2	.44	.1	<.5	<2	.34
SND05445-7	1.7	9.7	210.8	98	<.1	.8	2.3	460	.89	7.9	8.6	7.7	10.5	13	.9	.5	<.1	5	.08	.024	26	3.3	.06	63	.012	4	.22	.023	.16	.1	<.01	.9	.1	.13	1	<.5	<2	.03
SND05445-8	1.3	5.4	76.0	147	<.1	.6	1.7	776	1.07	4.1	2.6	16.2	8.8	7	.9	.3	.1	4	.09	.021	16	2.6	.02	79	.002	1	.17	.025	.11	.1	<.01	.7	.1	.06	1	<.5	<2	.03
SND05445-9	1.4	3.9	178.8	246	<.1	.8	1.3	806	1.00	1.2	7.0	2.7	10.1	14	1.0	.2	<.1	1	.07	.020	24	1.6	.03	120	<.001	2	.19	.015	.14	.1	<.01	.8	.1	<.05	<1	<.5	<2	<.01
SND05445-10	1.8	392.1	854.6	549	2.9	.8	2.4	362	1.33	96.5	14.7	1022.4	8.9	16	14.3	.8	2.0	1	.05	.015	15	1.9	.02	43	<.001	3	.25	.009	.20	.1	.06	.6	.1	.96	1	<.5	4	1.40
STANDARD OS6/R-2a/OxL34	11.4	123.5	29.7	141	.3	24.7	10.8	703	2.80	21.0	6.7	47.7	3.0	40	6.0	3.4	5.0	55	.85	.077	13	189.2	.57	163	.082	16	1.80	.072	.15	3.3	.23	3.2	1.7	<.05	6	4.3	163	5.82

Sample type: DRILL CORE R150. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data A FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Ag** gm/mt	Au** gm/mt
G-1	.2	8.0	2.9	45	<.1	4.1	4.0	502	1.68	<.5	1.9	1.8	3.5	47	<.1	<.1	.1	33	.41	.070	6	10.6	.56	192	.116	1	.87	.047	.45	.1	<.01	1.6	.3	.08	4	<.5	<2	<.01
SND05445-11	1.2	7.9	173.2	246	<.1	.6	1.6	917	1.08	2.5	11.9	40.0	9.4	16	.7	.1	<.1	2	.09	.021	22	2.0	.03	59	<.001	3	.25	.026	.17	<.1	.01	.9	.1	.15	1	<.5	3	.04
SND05445-12	2.8	350.1	976.6	328	2.2	1.5	5.0	1129	2.59	83.4	9.6	1795.1	7.5	18	2.5	1.3	.9	2	.17	.017	12	2.4	.04	32	.001	5	.28	.019	.18	.1	.05	1.0	.2	1.54	1	<.5	3	2.37
RE SND05445-12	2.7	337.1	958.6	318	2.1	1.4	4.5	1101	2.52	79.4	9.5	1815.6	7.8	17	2.4	1.4	.9	2	.17	.017	12	1.6	.04	35	<.001	3	.28	.019	.17	.1	.05	.9	.2	1.46	1	<.5	3	1.93
RRE SND05445-12	2.8	343.9	980.6	325	2.3	1.5	4.7	1087	2.64	88.7	10.3	1819.6	7.9	18	2.5	1.3	1.0	2	.08	.017	13	2.4	.04	32	<.001	5	.31	.019	.20	.1	.05	.9	.2	1.67	1	<.5	3	1.96
SND05445-13	3.2	440.9	1208.5	314	3.0	1.4	5.0	1172	2.67	97.3	10.8	3909.1	8.8	20	2.8	1.6	1.2	2	.10	.023	16	1.8	.04	38	<.001	4	.27	.019	.17	.1	.04	1.1	.2	1.64	<1	<.5	4	3.90
SND05445-14	1.6	11.4	12.4	41	<.1	2.1	6.2	567	2.38	1.3	1.8	11.0	6.3	19	.1	.1	<.1	48	.65	.087	17	6.1	.56	278	.196	1	.90	.068	.55	.2	<.01	2.7	.3	<.05	4	<.5	<2	.02
SND05445-15 (pulp)	21.5	56.4	389.7	33	4.9	1184.6	30.6	388	2.20	55.9	.5	26208.0	3.5	18	.1	.5	4.6	30	.45	.031	13	1483.3	.58	144	.046	8	.96	.044	.26	13.3	.01	2.2	.1	.06	3	<.5	6	33.80
SND05445-16	1.1	18.5	235.1	295	<.1	.7	1.9	943	1.31	6.3	6.7	10.0	8.9	22	.9	.2	.1	3	.10	.016	19	<1	.05	314	.001	2	.28	.018	.14	.1	.02	.9	.1	.17	1	<.5	<2	.04
SND05445-17	2.9	85.3	368.1	258	.9	1.1	3.2	753	1.74	31.3	6.9	90.3	7.4	19	1.1	.5	1.0	2	.07	.014	12	1.6	.04	36	.001	3	.32	.011	.21	.1	.05	.7	.1	.86	1	<.5	2	.11
SND05445-18	2.9	8.7	202.9	245	<.1	.7	1.4	727	1.01	2.5	4.0	30.1	8.8	22	1.0	.1	.1	3	.08	.019	19	1.9	.04	49	.001	2	.25	.025	.12	<.1	.04	.9	.2	.09	<1	<.5	<2	.04
SND05445-19	2.2	58.9	258.8	201	.3	.6	1.2	462	1.23	15.2	2.2	15.9	9.7	11	3.1	1.8	.9	5	.09	.022	16	2.7	.04	140	.007	1	.25	.035	.14	.2	.02	.9	.2	.48	1	<.5	<2	.05
SND05445-20	1.7	39.8	302.8	193	.3	.7	1.7	545	1.29	17.7	3.1	8.7	9.3	9	1.7	.5	.2	2	.07	.022	12	2.3	.03	147	.001	2	.24	.020	.19	.1	<.01	.7	.1	.61	1	<.5	<2	.02
SND05445-21	1.3	29.4	101.2	170	1.1	.6	1.2	516	1.14	13.5	2.4	937.5	10.3	11	.8	1.2	.5	4	.08	.024	16	2.5	.04	146	.003	1	.24	.036	.14	.1	<.01	.9	.1	.29	1	<.5	2	1.60
SND05445-22	1.5	7.0	82.4	154	<.1	.7	1.9	531	.96	3.3	2.2	2.2	10.5	10	.7	.2	.1	4	.08	.021	15	3.3	.03	139	.003	1	.22	.029	.15	.1	.01	.7	.1	.18	1	<.5	<2	.02
SND05445-23	2.3	23.5	61.5	153	.5	.9	1.3	462	1.00	4.6	2.5	25.3	10.5	9	.6	.5	.8	3	.08	.019	17	3.2	.04	79	.001	1	.22	.034	.14	.1	<.01	.8	.1	.12	1	<.5	<2	.04
SND05445-24	2.6	80.7	1007.4	1203	3.5	1.6	3.4	1016	1.92	22.5	2.8	2994.9	9.1	12	38.4	1.9	4.1	3	.06	.018	12	2.5	.04	138	<.001	1	.22	.025	.15	.1	.25	.7	.1	.81	1	<.5	5	3.53
STANDARD DS6/R-2a/OxL34	11.4	121.9	29.0	141	.3	24.2	10.6	700	2.80	20.7	6.7	44.3	3.0	40	6.0	3.1	5.0	55	.85	.077	13	181.4	.57	161	.081	16	1.89	.071	.14	3.3	.22	3.2	1.7	<.05	6	4.5	159	5.81

Sample type: DRILL CORE R150. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data A FA ____

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9001 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Almaden Minerals Ltd. PROJECT ELK05-9 File # A506918

1103 - 750 W. Pender St., Vancouver BC V6C 2T8 Submitted by: Wojtek Jakubowski

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm
G-1	1.0	2.6	3.3	48	<.1	5.4	4.4	547	1.79	1.3	2.2	.7	4.3	51	<.1	<.1	.1	39	.46	.068	7	45.6	.57	222	.131	6	.91	.053	.42	.6	<.01	2.2	.3	<.05	5	<.5
SLD05436-14	6.7	125.6	1075.4	2091	4.0	65.1	26.1	3829	4.95	84.5	28.2	4457.6	1.5	54	38.0	.3	.6	27	.47	.108	11	34.5	.42	57	.002	8	.80	.008	.46	.2	.09	5.9	.4	1.43	3	<.5
SLD05436-17	2.7	3683.5	3276.5	4042	85.7	20.6	7.7	39	3.05	106.1	2.4	6088.6	3.1	7	87.9	1.2	43.2	1	.10	.007	3	5.9	.02	13	.001	3	.12	.005	.11	.1	.29	.3	.1	3.65	<1	<.5
SLD05437-2	20.8	242.3	1212.5	1422	29.5	64.7	27.4	1118	16.25	319.3	23.9	12032.9	2.9	30	30.2	1.0	3.1	11	.20	.021	4	13.4	.11	3	.001	4	.53	.005	.20	.2	.09	2.9	.5	>10	2	1.5
SLD05438-3	13.1	167.5	1416.6	1993	33.1	25.2	10.2	220	7.42	928.4	7.9	17125.3	5.8	8	45.5	2.0	.6	<1	.07	.009	7	3.0	.03	13	<.001	3	.26	.005	.13	.3	.04	.5	.2	7.83	1	<.5
SLD05438-5	16.6	390.8	5643.3	9622	25.6	51.9	17.4	3155	8.34	4814.0	26.3	6762.1	4.7	28	195.1	5.9	3.9	14	.22	.043	6	17.9	.11	8	.001	6	.68	.006	.30	.4	.21	3.5	.4	6.81	3	.5
SND05443-22	5.6	345.8	1557.4	967	10.9	11.0	9.8	616	4.84	226.8	5.1	2085.7	9.2	10	18.8	4.3	2.8	1	.06	.011	9	10.5	.04	23	<.001	5	.36	.015	.21	.3	.05	.6	.1	4.32	1	<.5
SND05444-21	17.7	1252.8	1361.2	974	27.5	8.3	7.8	426	4.76	485.1	22.9	5871.5	2.0	11	21.5	82.5	12.3	3	.03	.006	3	10.5	.03	9	.001	4	.29	.004	.16	.2	.21	.7	.2	4.67	1	<.5
STANDARD DS6	11.5	122.0	30.0	142	.3	24.5	10.7	703	2.81	20.8	6.8	47.9	3.0	40	5.9	3.3	5.1	55	.85	.065	14	185.7	.57	163	.081	18	1.90	.070	.13	3.5	.23	3.2	1.8	<.05	6	3.9

GROUP 1DX - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-MS.
(>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME MINERALS MAY BE PARTIALLY ATTACKED. REFRACTORY AND GRAPHITIC SAMPLES CAN LIMIT AU SOLUBILITY.
- SAMPLE TYPE: DRILL CORE M150

Data ✓ FA ____ DATE RECEIVED: OCT 21 2005 DATE REPORT MAILED: Dec 2/05

REVISED COPY Au for DS6.

BRITISH COLUMBIA CERTIFIED ASSAYER
Clarence Leong

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9001 Accredited Co.)

ASSAY CERTIFICATE

Almaden Minerals Ltd. PROJECT ELK05-9 File # A506918

1103 - 750 W. Pender St., Vancouver BC V6C 2T8 Submitted by: Wojtek Jakubowski

SAMPLE#	S.Wt gm	NAu mg	-Au gm/mt	TotAu gm/mt
SLD05436-14	123	.03	4.48	4.72
SLD05436-17	498	.30	10.04	10.64
SLD05437-2	151	.25	12.07	13.73
SLD05438-3	289	.17	17.84	18.43
SLD05438-5	959	.60	8.34	8.97
SND05443-22	702	.09	2.96	3.09
SND05444-21	1015	.06	6.69	6.75
STANDARD OxL34	-	<.01	5.78	5.78

-AU : -150 AU BY FIRE ASSAY FROM 1 A.T. SAMPLE. DUPAU: AU DUPLICATED FROM -150 MESH. NAU - NATIVE GOLD, TOTAL SAMPLE FIRE ASSAY.
- SAMPLE TYPE: DRILL CORE M150

Data___ FA ____ **DATE RECEIVED:** OCT 21 2005 **DATE REPORT MAILED:** Dec. 1/05

BRITISH COLUMBIA CERTIFIED ASSAYER
Clarence Leong

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ASSAY CERTIFICATE

Almaden Minerals Ltd. PROJECT ELK05-9 File # A506918

1103 - 750 W. Pender St., Vancouver BC V6C 2T8 Submitted by: Wojtek Jakubowski

SAMPLE#	S.Wt gm	NAg mg	-Ag gm/mt	TotAg gm/mt
SLD05436-14	123	<.06	5	5
SLD05436-17	498	<.06	93	93
SLD05437-2	151	<.06	30	30
SLD05438-3	289	<.06	35	35
SLD05438-5	959	<.06	28	28
SND05443-22	702	<.06	11	11
SND05444-21	1015	<.06	30	30
STANDARD R-2a	-	<.06	155	155

-AG : -150 AG BY FIRE ASSAY FROM 1 A.T. SAMPLE. DUPAG: AG DUPLICATED FROM -150 MESH. NAG - NATIVE SILVER, TOTAL SAMPLE FIRE ASSAY.
- SAMPLE TYPE: DRILL CORE M150

Data___ FA ____ **DATE RECEIVED:** OCT 21 2005 **DATE REPORT MAILED:** Dec. 1/05

BRITISH COLUMBIA CERTIFIED ASSAYER
C.L
Clarence Leong

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9001 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Almaden Minerals Ltd. PROJECT ELK05-9 File # A506919

1103 - 750 W. Pender St., Vancouver BC V6C 2T8 Submitted by: Wojtek Jakubowski

SAMPLE#	Au* ppb	Sample gm
G-1	<.5	30
SLD05436-7	.7	30
SLD05436-8 (pulp)	32621.7	15
SLD05437-9	.8	30
SLD05437-10 (pulp)	31870.9	15
SLD05439-8	.5	30
SLD05439-9 (pulp)	9157.7	15
SLD05441-9	.7	30
SLD05441-10 (pulp)	32861.4	15
STANDARD AU-R	452.0	30

GROUP 3A - IGNITED 30.00 GM SAMPLE LEACHED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 600 ML, ANALYSED BY ICP-MS.
UPPER LIMITS - AU* = 100 PPM.
- SAMPLE TYPE: DRILL CORE R150

Data 35 FA ____ **DATE RECEIVED:** OCT 21 2005 **DATE REPORT MAILED:** Nov. 15/2005

BRITISH COLUMBIA CERTIFIED ASSAYER
Jacky Wang

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9001 Accredited Co.)

ASSAY CERTIFICATE

Almaden Minerals Ltd. File # A600531

1103 - 750 W. Pender St., Vancouver BC V6C 2T8 Submitted by: Wojtek Jakubowski

SAMPLE#	Au** gm/mt	Sample gm
AMM098	35.98	3.71
AMM714	104.00	29.20
AMM379	36.62	5.00
AMM547	13.67	29.20
AMM25	104.66	14.60
AMM386	35.92	7.30
AMM128	42.57	29.20
AMM615	.12	29.20
AMM685	36.05	3.94
AMM330	16.05	29.20
AMM898	38.08	4.01
AMM644	36.00	7.30
AMM183	.97	29.20
AMM50	37.08	4.51
AMM473	74.79	29.20
AMM168	49.17	29.20
AMM481	5.55	29.20
AMM413	13.53	29.20
RE AMM413	13.40	29.20
AMM32	5.50	29.20
AMM132	27.18	29.20
AMM523	1.88	29.20
AMM781	3.06	29.20
AMM153	3.35	29.20
AMM172	33.45	4.96
AMM51	35.49	5.00
AMM184	9.97	29.20
STANDARD OxL34	5.79	29.20

GROUP 6 - PRECIOUS METALS BY FIRE ASSAY FROM TOTAL SAMPLE, ANALYSIS BY ICP-ES.
- SAMPLE TYPE: Rock Pulp
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data Lg FA ____ DATE RECEIVED: FEB 3 2006 DATE REPORT MAILED: Feb. 8/06

BRITISH COLUMBIA CERTIFIED ASSAYER
Clarence Leong