

**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 II : Diamond Drill Logs**

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

By  
W.J. Jakubowski, P.Geo.  
Almaden Minerals Ltd.  
1103 – 750 West Pender St.  
Vancouver, B.C. V6C 2T8

Report Preparation: Original + 3 copies

GEOLOGICAL SURVEY BRANCH  
ASSESSMENT REPORT

28,203

Appendix "B"

**Diamond Drill Hole Summary Logs**

ALMADEN MINERALS LTD.  
ELK PROJECT 2004

KEY FOR GEOLOGICAL CORE LOGS

1 MAIN ROCK TYPE  
MINOR ROCK TYPE

ROCK TYPE CODE:

AD	andesite dyke	GR	granite
AV	andesitic volcanic	MI	missing core
AP	aplite	OB	overburden
BR	breccia	PV	porphyritic volcanic
CS	casing+overburden	QM	quartz monzonite
DB	diatreme breccia		
FP	feldspar porphyry	QV	quartz vein
		ST	quartz stringer
GD	granodiorite	CV	carbonate vein
		CBST	carbonate stringer
		VB	volcanic breccia
GG	gouge (fault, shear)	HG	healed gouge
PG	pegmatite	SD	sand

ALTERATION CODES: prefix to rock type code (eg K2GR)

Ax	argillic	Px	propylitic	Bx	albitic
Fx	phyllic	Sx	sericitic		
FK	K-spar stable phyllic	Xx	silicification		
Kx	potassic	Cx	carbonate		

x = 1 to 5 (weak to intense)

Note: no qualifier for K-spar stable phyllic alteration, as it is considered moderate alteration (x = 2 to 3).

VEIN DESCRIPTORS ie Y2QV

Y1	- 1-5% sulphide - assumed to be pyrite unless specified in Sulp columns
Y2	- 5-10% sulphide
Y3	- 10-20% sulphide
Y4	- 20-30% sulphide
Y5	- >30% sulphide
VGQV	- visible gold noted in vein

MAIN ROCK TYPE: structure  $\geq$  20cm thick or  $\geq$  50% of the interval. The main quartz vein(s) are logged under this heading, whatever the thickness. Main rock type intervals must be contiguous. Only minor rock type intervals can be nested. As a general rule try to keep main rock types to greater than 1.5m.

MINOR ROCK TYPE: structure  $<$  20cm thick or  $<$  50% of the interval; eg., narrow dyke, vein, groups of alteration bands, etc. Minor rock type intervals are nested within main rock type intervals and can also be nested within minor rock type intervals.

## 2 STRUCTURE

### CORE ANGLE

All core angles are measured relative to core axis with the axis being 0 degrees.  
-if structures are known to have opposite sense, eg. conjugate fractures, then label one angle as negative.

### STRUCTURE CODES

BN band (eg alteration )	FT fault
CT contact	SH shear
DK dyke	ST stringer
FR fracture	VN vein

## 3 MINERALOGY

### A ALTERATION

-listed in decreasing amount

AD adularia	CY clay	PH phlogopite	SI silica
AK ankerite	EP epidote	QZ quartz 2	
BI biotite 2	HE hematite	SE sericite	
CB carbonate	KF K-spar 2	SS saussurite	
CL chlorite	OX oxides (Fe Mn)	CA calcite	

("2" after mineral name indicates secondary origin)

### B SULFIDE

- listed in decreasing amount

AS arsenopyrite	HE hematite
AU native gold	MO molybdenite
BN bornite	PO pyrrhotite
CP chalcopyrite	PY pyrite
EL electrum	SL sphalerite
GL galena	TT tetrahedrite

### C GANGUE

-listed in decreasing amount

AK ankerite	KF K-feldspar
CA calcite	GG gouge
CB carbonate	QZ quartz
CL chlorite	SE sericite
FL fluorite	WR wall rock fragments

NOTE:-standard GEOLOG codes used.

# Almaden Minerals Diamond Drill Record

<b>PROPERTY:</b>	Elk	<b>HOLE-ID:</b>	SLD05436	<b>DEPTH:</b>	117.96	
<b>AREA:</b>	SL	<b>EASTING:</b>	2460.34	<b>DATE START:</b>	9/29/2005	
<b>CLAIM:</b>	ELK21	<b>NORTHING:</b>	2477.06	<b>DATE FINISH:</b>	9/30/2005	
<b>SECTION:</b>	2460E	<b>ELEVATION:</b>	1643.80	<b>CONTRACTOR:</b>	Leclerc Drilling Ltd 38	
<b>CORE SIZE:</b>	NQ	<b>RECOVERY:</b>	0.00	<b>RQD:</b>	0.00	
<b>CORE STORED AT:</b>				Elk Rack C Bay 30	<b>LOGGED BY:</b>	DM JM

**COMMENTS** Hole 436 was drilled to test the continuity of the SL structure to depth. A 22cm Y1QV was intersected at the projected depth in the footwall of the andesite dyke.

## ASSAY AVERAGES

FROM	TO	INT	TW	ZONE	AU OZ/T	AG OZ/T	SG
102.49	104.27	1.78	0.50	LZ1	0.069	0.054	2.77
105.42	106.09	0.67	0.50	LZ2	0.182	1.446	2.72

# Sample Results

HOLE-ID SLD05436

FROM (m)	TO (m)	Sample Number	Int (m)	GEOL	Analysis		Fire Assay		Metallics Assay		Reduced Results	
					AU ppb	AG gm/l	AU oz/t	AG oz/t	AU oz/t	AG oz/t	AU oz/t	AG oz/t
26.05	26.55	436-1	0.50	F4QM	0.0	0.0	0.039	0.087	0.000	0.000	0.039	0.087
26.93	27.33	436-2	0.40	Y5ST	0.0	0.0	0.031	0.146	0.000	0.000	0.031	0.146
27.78	28.38	436-3	0.60	F5QM	0.0	0.0	0.022	0.146	0.000	0.000	0.022	0.146
47.20	47.80	436-4	0.60	P3AP	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.000
55.30	55.60	436-6	0.30	DUPL	0.0	0.0	0.004	0.058	0.000	0.000	0.004	0.058
56.16	56.46	436-9	0.30	Y2ST	0.0	0.0	0.031	0.204	0.000	0.000	0.031	0.204
57.00	57.30	436-10	0.30	Y2QV	0.0	0.0	0.077	0.321	0.000	0.000	0.077	0.321
59.39	59.79	436-11	0.40	Y5ST	0.0	0.0	0.041	0.117	0.000	0.000	0.041	0.117
59.94	60.64	436-12	0.70	Y5ST	0.0	0.0	0.137	0.437	0.000	0.000	0.137	0.437
102.49	103.49	436-13	1.00	A4O	0.0	0.0	0.002	0.029	0.000	0.000	0.002	0.000
103.49	103.79	436-14	0.30	Y4GG	0.0	0.0	0.000	0.000	0.138	0.146	0.138	0.146
103.79	104.79	436-15	1.00	P3AD	0.0	0.0	0.029	0.029	0.000	0.000	0.029	0.000
104.79	105.79	436-16	1.00	P3AD	0.0	0.0	0.054	0.175	0.000	0.000	0.054	0.175
105.79	106.09	436-17	0.30	Y1QV	0.0	0.0	0.000	0.000	0.310	2.712	0.310	2.712
106.09	107.09	436-18	1.00	Y1QV	0.0	0.0	0.002	0.029	0.000	0.000	0.002	0.000

# Down Hole Survey Data

Hole-ID: *SLD05436*

Core Size

Hole Depth

DISTANCE	DIP	AZIMUTH	MAGDIP	TESLAS
0	-90	0.0	0	0
25	-88	204.2	0	0
40	-87	223.8	0	0
55	-87	264.3	0	0
70	-86	233.5	0	0
85	-86	236.9	0	0
100	-88	216.2	0	0
115	-88	216.4	0	0





# Diamond Drill Geology Record

HOLE NUMBER: SLD05436

DATE: 9/29/2005

LOGGED BY DM JM

FROM (m)	TO (m)	MAIN ROCK	MINOR ROCK	STRUCT	ANGLE	ALT1	ALT1%	ALT2	ALT2%	ALT3	ALT3%	ALT4	ALT4%	PY%	SULF1	SULF1%	SULF2	SULF2%	SULF3	SULF3%	SULF4	SULF4%	GANGLUE	GANGLUE%	COMMENTS
64.13	64.24		A3Q		0	C	10		0		0		0			0		0		0		0			
64.44	64.52		P3QM		0	C	10		0		0		0			0		0		0		0			
68.16	69.19	P2QM			0				0		0		0			0		0		0		0			
69.19	77.49	P1QM			0				0		0		0			0		0		0		0			
71.25	71.40		A3Q		0				0		0		0			0		0		0		0			
71.32	71.32		Y1ST	ST	55				0		0		0		G	0.1		0		0		0			
72.34	72.37		K4Q		0				0		0		0			0		0		0		0			
72.77	72.83		K2Q		0	C	10		0		0		0			0		0		0		0			
76.02	76.02		CBST	ST	50				0		0		0		1	0		0		0		0			
77.37	77.49		K4Q		0	C	10	SE	1		0		0			0		0		0		0			
77.49	85.38	P2QM			0				0		0		0			0		0		0		0			
77.69	77.99		X2Q		0	C	30		0		0		0			0		0		0		0			
78.90	78.90		ST	ST	50				0		0		0			0		0		0		0			
79.23	79.51		P5QM		0				0		0		0			0		0		0		0			
79.35	79.35		Y2ST	ST	40				0		0		0			0		0		0		0			
81.61	81.67		K2Q		0	C	15		0		0		0			0		0		0		0			
81.76	81.81		K2Q		0	C	15		0		0		0			0		0		0		0			
83.85	84.00		A3Q		0	C	10		0		0		0			0		0		0		0			
83.95	83.95		ST	ST	55				0		0		0			0		0		0		0			
84.42	84.67		K2Q		0	C	15		0		0		0			0		0		0		0			
85.38	89.43	P3QM			0	K	5		0		0		0			0		0		0		0			
89.43	93.45	P2QM			0				0		0		0			0		0		0		0			
90.70	90.73		K2Q		0				0		0		0			0		0		0		0			
90.82	90.94		P3QM		0	K	15		0		0		0			0		0		0		0			
92.59	92.72		K2Q		0	C	15		0		0		0			0		0		0		0			
93.39	93.45		K2Q		0	C	15		0		0		0			0		0		0		0			
93.45	96.08	P3QM			0				0		0		0			0		0		0		0			
93.78	93.79		Y1ST	ST	90				0		0		0			0		0		0		0			
96.08	97.45	P3QM			0	K	5		0		0		0			0		0		0		0			
97.45	99.06	P3QM			0				0		0		0			0		0		0		0			
99.06	99.63	P5QM			0	K	5		0		0		0			0		0		0		0			
99.63	100.75	P5QM			0	C	5		0		0		0			0		0		0		0			
100.12	100.36		A3Q		0	C	15		0		0		0			0		0		0		0			
100.19	100.21		GG	FT	0				0		0		0			0		0		0		0			
100.75	101.30	P4AD		D	70				0		0		0			0		0		0		0			
101.30	101.48	P5QM			0	Q	10		0		0		0			0		0		0		0			
101.48	101.55	P4AD		D	60				0		0		0			0		0		0		0			
101.55	101.78	P5QM			0				0		0		0			0		0		0		0			
101.78	103.49	A4QM			0	C	5		0		0		0			0		0		0		0			
103.49	103.53	Y4GG		FT	40				0		0		0		G	0.5		0		0		0			
103.53	103.67	Y2GG		FT	40				0		0		0			0		0		0		0			
103.67	105.77	P3AD		D	40				0		0		0			0		0		0		0			
103.87	103.92		Y1HG	FT	55				0		0		0			0		0		0		0			
105.77	105.99	Y1QV		V	60				0		0		0		CP	1	G	0.2	SP	0.1		0			
105.99	107.38	P5QM			0				0		0		0			0		0		0		0			
106.18	106.33		P5QM		0	C	5		0		0		0			0		0		0		0			
106.59	106.67		A3Q		0	C	10		0		0		0			0		0		0		0			
106.62	106.63		Y1QV	V	60				0		0		0			0		0		0		0			
106.94	107.01		A3Q		0	C	10		0		0		0			0		0		0		0			
107.38	114.31	P2QM			0				0		0		0			0		0		0		0			
110.03	110.04		GG	FT	25				0		0		0			0		0		0		0			
110.32	110.34		A5Q		0				0		0		0			0		0		0		0			
114.31	117.96	P2QM			0	K			0		0		0			0		0		0		0			

# Almaden Minerals Diamond Drill Record

PROPERTY:	Elk	HOLE-ID:	SLD05437	DEPTH:	86.87	
AREA:	SL	EASTING:	2260.56	DATE START:	9/30/2005	
CLAIM:	ELK21	NORTHING:	2515.62	DATE FINISH:	10/01/2005	
SECTION:	2260E	ELEVATION:	1675.33	CONTRACTOR:	Leclerc Drilling Ltd 38	
CORE SIZE:	NQ	RECOVERY:	0.00	RQD:	0.00	
		CORE STORED AT:	Elk Rack C Bay 30		LOGGED BY:	DM JM

**COMMENTS** Hole 437 was drilled to test the continuity and grade of the SL structure to the west. A 10cm Y2QV was intersected at the projected depth in the hanging wall of the andesite dyke.

## ASSAY AVERAGES

FROM	TO	INT	TW	ZONE	AU OZ/T	AG OZ/T	SG
34.23	35.98	1.75	0.50	LZ1	0.225	0.518	2.65
37.75	38.33	0.58	0.50	LZ2	0.004	0.075	2.59

# Sample Results

HOLE-ID SLD05437

FROM (m)	TO (m)	Sample Number	Int (m)	GEOL	Analysis		Fire Assay		Metallics Assay		Reduced Results	
					AU ppb	AG gm/l	AU oz/t	AG oz/t	AU oz/t	AG oz/t	AU oz/t	AG oz/t
34.23	35.43	437-1	1.20	A5O	0.0	0.0	0.001	0.058	0.000	0.000	0.001	0.058
35.43	35.73	437-2	0.30	Y4GG	0.0	0.0	0.000	0.000	0.400	0.875	0.400	0.875
35.73	36.43	437-3	0.70	A4AD	0.0	0.0	0.013	0.087	0.000	0.000	0.013	0.087
36.43	37.03	437-4	0.60	A4QD	0.0	0.0	0.022	0.379	0.000	0.000	0.022	0.379
37.03	38.03	437-5	1.00	QV	0.0	0.0	0.003	0.058	0.000	0.000	0.003	0.058
38.03	38.33	437-6	0.30	Y3OV	0.0	0.0	0.004	0.087	0.000	0.000	0.004	0.087
49.37	49.67	437-8	0.30	Y1ST	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
56.50	56.80	437-11	0.30	Y1QV	0.0	0.0	0.002	0.029	0.000	0.000	0.002	0.000
58.15	58.55	437-12	0.40	Y1QV	0.0	0.0	0.003	0.058	0.000	0.000	0.003	0.058
71.15	71.45	437-13	0.30	Y1GG	0.0	0.0	0.007	0.233	0.000	0.000	0.007	0.233

# Down Hole Survey Data

Hole-ID: *SLD05437*

Core Size

Hole Depth

**DISTANCE    DIP    AZIMUTH    MAGDIP    TESLAS**

DISTANCE	DIP	AZIMUTH	MAGDIP	TESLAS
0	-54	0.0	0	0
19.81	-54	356.9	0	0
35.05	-54	357.7	0	0
50.29	-55	356.5	0	0
65.53	-54	359.8	0	0
80.77	-54	0.6	0	0





# Almaden Minerals Diamond Drill Record

**PROPERTY:** Elk **HOLE-ID:** SLD05438 **DEPTH:** 121.01  
**AREA:** SL **EASTING:** 2265.28 **DATE START:** 10/01/2005  
**CLAIM:** ELK21 **NORTHING:** 2487.09 **DATE FINISH:** 10/02/2005  
**SECTION:** 2260E **ELEVATION:** 1675.94 **CONTRACTOR:** Leclerc Drilling Ltd 38  
**CORE SIZE:** NQ **RECOVERY:** 0.00 **RQD:** 0.00 **CORE STORED AT:** Elk Rack C Bay 30 **LOGGED BY:** DM JM

**COMMENTS** Hole 438 was drilled to test the continuity and grade of the SL structure to the west. 13cm and 6cm Y3QV's were intersected at the projected depth on either side of the andesite dyke.

## ASSAY AVERAGES

FROM	TO	INT	TW	ZONE	AU OZ/T	AG OZ/T	SG
87.60	88.10	0.50	0.50	LZ1	0.307	0.583	2.54
88.25	88.80	0.55	0.50	LZ2	0.135	0.420	2.84

# Sample Results

HOLE-ID SLD05438

FROM (m)	TO (m)	Sample Number	Int (m)	GEOL	Analysis		Fire Assay		Metallics Assay		Reduced Results	
					AU ppb	AG gm/l	AU oz/t	AG oz/t	AU oz/t	AG oz/t	AU oz/t	AG oz/t
30.82	31.12	438-1	0.30	Y1OV	0.0	0.0	0.007	0.029	0.000	0.000	0.007	0.000
86.60	87.60	438-2	1.00	A5O	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
87.60	87.90	438-3	0.30	Y3OV	0.0	0.0	0.000	0.000	0.538	1.021	0.538	1.021
87.90	88.50	438-4	0.60	A4AD	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
88.50	88.80	438-5	0.30	Y3OV	0.0	0.0	0.000	0.000	0.262	0.817	0.262	0.817
88.80	89.80	438-6	1.00	A5O	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
94.40	94.70	438-7	0.30	Y1ST	0.0	0.0	0.019	0.029	0.000	0.000	0.019	0.000
108.81	109.61	438-8	0.80	Y2OV	0.0	0.0	0.009	0.117	0.000	0.000	0.009	0.117



# Down Hole Survey Data

Hole-ID: *SLD05438*

Core Size

Hole Depth

DISTANCE	DIP	AZIMUTH	MAGDIP	TESLAS
0	-71	0.0	0	0
10.67	-71	359.6	0	0
25.91	-72	358.2	0	0
41.15	-72	358.5	0	0
56.39	-71	0.0	0	0
71.63	-70	5.7	0	0
86.87	-71	5.6	0	0
102.11	-71	2.9	0	0
117.35	-71	2.4	0	0

# Diamond Drill Geology Record

HOLE NUMBER: SLD05438

DATE: 10/01/2005

LOGGED BY DMJM

FROM (m)	TO (m)	MAIN ROCK	MINOR ROCK	STRUCT	ANGLE	ALT1	ALT1%	ALT2	ALT2%	ALT3	ALT3%	PT%	SULF1	SULF1%	SULF2	SULF2%	SULF3	SULF3%	GANGUE	GANGUE%	COMMENTS	
0.00	3.66	CS				0	0		0		0	0		0		0		0		0		
3.66	3.78	OB				0	0		0		0	0		0		0		0		0		
3.78	27.94	PIQM				0	0		0		0	0		0		0		0		0		
3.88	5.08		PIQM			0	0	2	0		0	0		0		0		0		0		
5.94	6.84		PIQM			0	0	2	0		0	0		0		0		0		0		
7.16	7.44		PIQM			0	0	2	0		0	0		0		0		0		0		
10.28	11.00		PIQM			0	0	2	0		0	0		0		0		0		0		
11.78	12.04		PIQM			0	0	3	0		0	0		0		0		0		0		
12.58	14.46		PIQM			0	0	2	0		0	0		0		0		0		0		
12.70	12.72		GG	FT	60	0	0	0	0		0	0		0		0		0		0		
15.80	16.12		PIQM			0	0	2	0		0	0		0		0		0		0		
16.93	18.33		PIQM			0	0	2	0		0	0		0		0		0		0		
17.80	17.84		GG	FT	0	0	0	0	0		0	0		0		0		0		0		
19.06	20.42		PIQM			0	0	2	0		0	0		0		0		0		0		
21.01	21.15		PIQM			0	0	3	0		0	0		0		0		0		0		
21.79	23.15		PIQM			0	0	2	0		0	0		0		0		0		0		
23.47	27.94	PIQM				0	C	2	0		2	0		0		0		0		0		
23.66	23.70		GG	FT	60	0	0	0	0		0	0		0		0		0		0		
23.74	23.78		GG	FT	60	0	0	0	0		0	0		0		0		0		0		
23.98	24.10		GG	FT	70	0	0	0	0		0	0		0		0		0		0		
27.94	30.62	PIQM				0	0	0	0		0	0		0		0		0		0		
28.98	29.16		A3Q			0	0	0	0		0	0		0		0		0		0		
29.16	29.65		PIQM			0	O	2	0		0	0		0		0		0		0		
30.62	32.88	P3QM				0	0	0	0		0	0		0		0		0		0		
30.83	30.91		K3Q			0	SE	2	0		0	0		0		0		0		0		
30.87	30.88		Y1QV	V	60	0	0	0	0		0	0		0		0		0		0		
31.05	31.12		P3QM			0	O	3	0		0	0		0		0		0		0		
31.57	31.67		P3QM			0	O	3	0		0	0		0		0		0		0		
32.71	32.73		GG	FT	70	0	0	0	0		0	0		0		0		0		0		
32.88	33.84	P3QM				0	O	3	0		0	0		0		0		0		0		
33.84	36.77	P3QM				0	C	5	0		0	0		0		0		0		0		
34.67	34.74		GG	FT	30	0	0	0	0		0	0		0		0		0		0		
36.77	40.69	P2QM				0	C	2	O	1	0	0		0		0		0		0		
39.98	39.98		ST	ST	50	0	0	0	0		0	0		0		0		0		0		
40.00	40.02		GG	FT	30	0	0	0	0		0	0		0		0		0		0		
40.69	43.45	P2QM				0	0	0	0		0	0		0		0		0		0		
43.45	48.16	P4QM				0	C	5	0		0	0		0		0		0		0		
44.19	44.50		GG	FT	0	0	0	0	0		0	0		0		0		0		0		
44.85	44.95		GG	FT	30	0	0	0	0		0	0		0		0		0		0		
45.33	45.45		GG	FT	50	0	0	0	0		0	0		0		0		0		0		
48.16	49.28	P2QM				0	O	2	0		0	0		0		0		0		0		
48.52	48.55		GG	FT	80	0	0	0	0		0	0		0		0		0		0		
48.62	48.66		GG	FT	60	0	0	0	0		0	0		0		0		0		0		
49.28	50.95	P2QM				0	0	0	0		0	0		0		0		0		0		
50.27	50.31		GG	FT	70	0	0	0	0		0	0		0		0		0		0		
50.95	54.34	P2QM				0	O	2	0		0	0		0		0		0		0		
54.34	58.10	P2QM				0	0	0	0		0	0		0		0		0		0		
55.46	55.63		P2QM			0	O	5	0		0	0		0		0		0		0		
57.80	58.06		P2QM			0	O	5	0		0	0		0		0		0		0		
58.06	58.10		GG	FT	0	0	0	0	0		0	0		0		0		0		0		
58.10	59.35	P3QM				0	0	0	0		0	0		0		0		0		0		
59.34	59.35		GG	FT	45	0	0	0	0		0	0		0		0		0		0		
59.35	62.61	P2QM				0	0	0	0		0	0		0		0		0		0		
59.96	60.02		K3Q			0	0	0	0		0	0		0		0		0		0		



# Almaden Minerals Diamond Drill Record

<b>PROPERTY:</b>	Elk	<b>HOLE-ID:</b>	SLD05439	<b>DEPTH:</b>	68.58	
<b>AREA:</b>	SL	<b>EASTING:</b>	2215.28	<b>DATE START:</b>	10/02/2005	
<b>CLAIM:</b>	ELK21	<b>NORTHING:</b>	2502.38	<b>DATE FINISH:</b>	10/04/2005	
<b>SECTION:</b>	2210E	<b>ELEVATION:</b>	1672.58	<b>CONTRACTOR:</b>	Leclerc Drilling Ltd 38	
<b>CORE SIZE:</b>	NQ	<b>RECOVERY:</b>	0.00	<b>RQD:</b>	0.00	
		<b>CORE STORED AT:</b>	Elk Rack C Bay 30		<b>LOGGED BY:</b>	DM JM

**COMMENTS** Hole 439 was drilled to test the continuity and grade of the SL structure to the west. 3 2-4cm veins were intersected in the footwall of the andesite dyke.

## ASSAY AVERAGES

FROM	TO	INT	TW	ZONE	AU OZ/T	AG OZ/T	SG
37.30	38.29	0.99	0.75	LZ2	0.500	4.926	2.77

# Sample Results

HOLE-ID SLD05439

FROM (m)	TO (m)	Sample Number	Int (m)	GEOL	Analysis		Fire Assay		Metallics Assay		Reduced Results	
					AU ppb	AG gm/f	AU oz/t	AG oz/t	AU oz/t	AG oz/t	AU oz/t	AG oz/t
35.80	36.40	439-1	0.60	Y2ST	0.0	0.0	0.006	0.029	0.000	0.000	0.006	0.000
36.40	37.30	439-2	0.90	P4AD	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.000
37.30	37.80	439-3	0.50	Y5OV	0.0	0.0	0.416	6.825	0.000	0.000	0.416	6.825
37.80	38.30	439-4	0.50	Y5QV	0.0	0.0	0.620	2.187	0.000	0.000	0.620	2.187
38.30	39.40	439-5	1.10	Y3GG	0.0	0.0	0.031	1.867	0.000	0.000	0.031	1.867
56.89	57.39	439-7	0.50	Y1GG	0.0	0.0	0.003	0.058	0.000	0.000	0.003	0.058

# Down Hole Survey Data

Hole-ID: *SLD05439*

Core Size

Hole Depth

**DISTANCE    DIP    AZIMUTH    MAGDIP    TESLAS**

DISTANCE	DIP	AZIMUTH	MAGDIP	TESLAS
0	-54	0.0	0	0
3.96	-54	0.0	0	0
19.2	-53	0.1	0	0
34.44	-53	1.9	0	0
49.68	-53	1.9	0	0
64.92	-53	2.4	0	0



# Diamond Drill Geology Record

HOLE NUMBER: SLD05439

DATE: 10/02/2005

LOGGED BY DM JM

FROM (m)	TO (m)	MAIN ROCK	MINOR ROCK	STRUCT	ANGLE	ALT1	ALT1%	ALT2	ALT2%	ALT3	ALT3%	PY%	SULF1	SULF1%	SULF2	SULF2%	SULF3	SULF3%	GANGUE	GANGUE%	COMMENTS	
57.65	57.95		ST	ST	75		0		0		0	0		0		0		0		0		
58.03	60.52	P2QM			0		0		0		0	0		0		0		0		0		
59.62	59.64		GG	FT	75		0		0		0	0		0		0		0		0		
60.52	62.15	P3QM			0		0		0		0	0		0		0		0		0		
62.15	65.78	P2QM			0		0		0		0	0		0		0		0		0		
65.64	65.78		A3Q		0	C	10		0		0	0		0		0		0		0		
65.71	65.71		Y1ST	ST	60		0		0		0	0		0		0		0		0		
65.76	65.77		GG	FT	65		0		0		0	0		0		0		0		0		
65.78	68.58	P2QM			0	K	3		0		0	0		0		0		0		0		
68.30	68.34		GG	FT	40		0		0		0	0		0		0		0		0		



# Almaden Minerals Diamond Drill Record

PROPERTY: Elk HOLE-ID: SLD05440 DEPTH: 114.91  
AREA: SL EASTING: 2218.67 DATE START: 10/02/2005  
CLAIM: ELK21 NORTHING: 2478.18 DATE FINISH: 10/06/2005  
SECTION: 2210E ELEVATION: 1671.51 CONTRACTOR: Leclerc Drilling Ltd 38  
CORE SIZE: NQ RECOVERY: 0.00 RQD: 0.00 CORE STORED AT: Elk Rack C Bay 30 LOGGED BY: DM JM

COMMENTS Hole 440 was drilled to test the continuity and grade of the SL structure to the west. A 4cm Y2QV was intersected in the hanging wall of the andesite dyke and a 25cm pyritic gouge in the footwall 20m deeper than projected.

## ASSAY AVERAGES

FROM	TO	INT	TW	ZONE	AU OZ/T	AG OZ/T	SG
83.23	83.89	0.66	0.50	LZ1	0.014	0.029	2.61
85.21	86.99	1.78	0.50	LZ2	0.011	0.216	2.82

# Sample Results

HOLE-ID SLD05440

FROM (m)	TO (m)	Sample Number	Int (m)	GEOL	Analysis		Fire Assay		Metallics Assay		Reduced Results	
					AU ppb	AG gm/l	AU oz/t	AG oz/t	AU oz/t	AG oz/t	AU oz/t	AG oz/t
32.21	32.51	440-1	0.30	Y2OV	0.0	0.0	0.091	7.875	0.000	0.000	0.091	7.875
43.27	43.57	440-2	0.30	Y1HG	0.0	0.0	0.011	0.058	0.000	0.000	0.011	0.058
70.04	70.64	440-3	0.60	Y1ST	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
82.59	83.59	440-4	1.00	F4QM	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
83.59	83.89	440-5	0.30	Y2OV	0.0	0.0	0.027	0.058	0.000	0.000	0.027	0.058
83.89	84.69	440-6	0.80	A4AD	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.000
84.69	85.69	440-7	1.00	A4AD	0.0	0.0	0.006	0.029	0.000	0.000	0.006	0.000
85.69	85.99	440-8	0.30	Y2GG	0.0	0.0	0.018	0.554	0.000	0.000	0.018	0.554
85.99	86.99	440-9	1.00	A4O	0.0	0.0	0.002	0.029	0.000	0.000	0.002	0.000
89.98	90.98	440-10	1.00	Y2ST	0.0	0.0	0.013	0.058	0.000	0.000	0.013	0.058

# Down Hole Survey Data

Hole-ID: *SLD05440*

Core Size

Hole Depth

**DISTANCE    DIP    AZIMUTH    MAGDIP    TESLAS**

DISTANCE	DIP	AZIMUTH	MAGDIP	TESLAS
0	-70	0.0	0	0
40.77	-69	356.9	0	0
56.01	-69	355.6	0	0
71.25	-69	356.9	0	0
86.49	-69	356.5	0	0
101.73	-69	357.3	0	0

# Diamond Drill Geology Record

HOLE NUMBER: SLD05440

DATE: 10/02/2005

LOGGED BY DMJM

FROM (m)	TO (m)	MIN ROCK	MINOR ROCK	STRUCT	ANGLE	ALT1	ALT1%	ALT2	ALT2%	ALT3	ALT3%	PY%	SULF1	SULF1%	SULF2	SULF2%	SULF3	SULF3%	GANGUE	GANGUE%	COMMENTS	
0.00	4.27	CS			0		0		0		0	0		0		0		0		0		
4.27	8.01	P1QM			0	O	1		0		0	0		0		0		0		0		
6.54	6.55		QV	V	85		0		0		0	0		0		0		0		0		
6.57	6.57		ST	ST	70		0		0		0	0		0		0		0		0		
6.60	6.61		ST	ST	70		0		0		0	0		0		0		0		0		
6.63	6.64		QV	V	70		0		0		0	0		0		0		0		0		
8.01	18.77	P2QM			0		0		0		0	0		0		0		0		0		
11.53	11.61		P2QM		0	O	5		0		0	0		0		0		0		0		
13.05	13.13		P2QM		0	O	3		0		0	0		0		0		0		0		
13.30	13.70		P2QM		0	O	4		0		0	0		0		0		0		0		
14.49	14.75		P2QM		0	O	4		0		0	0		0		0		0		0		
15.30	15.36		P2QM		0	O	2		0		0	0		0		0		0		0		
16.23	16.27		P2QM		0	O	5		0		0	0		0		0		0		0		
16.25	16.25		Y1ST	ST	80		0		0		0	0		0		0		0		0		
16.89	16.97		P2QM		0	O	5		0		0	0		0		0		0		0		
17.49	17.63		P2QM		0	O	5		0		0	0		0		0		0		0		
18.77	19.70	K2QM			0	C	20		0		0	0		0		0		0		0		
19.70	26.96	P2QM			0		0		0		0	0		0		0		0		0		
21.35	21.41		K3Q		0		0		0		0	0		0		0		0		0		
21.94	21.98		K4Q		0		0		0		0	0		0		0		0		0		
23.25	23.29		K3Q		0		0		0		0	0		0		0		0		0		
23.27	23.27		Y1GG	FT	50		0		0		0	0		0		0		0		0		
24.02	24.05		K4Q		0		0		0		0	0		0		0		0		0		
26.96	28.71	P3QM			0		0		0		0	0		0		0		0		0		
28.71	34.27	P2QM			0		0		0		0	0		0		0		0		0		
30.71	30.77		K3Q		0		0		0		0	0		0		0		0		0		
30.90	30.97		ST	ST	65		0		0		0	0		0		0		0		0		
31.60	31.77		A3Q		0	C	20		0		0	0		0		0		0		0		
31.68	31.68		Y1ST	ST	60		0		0		0	0		0		0		0		0		
32.28	32.54		A3Q		0	C	20		0		0	0		0		0		0		0		
32.37	32.38		Y2QV	V	60		0		0		0	0		0		0		0		0		
32.94	33.09		A3Q		0	C	20		0		0	0		0		0		0		0		
33.25	34.27	P3QM			0		0		0		0	0		0		0		0		0		
34.26	34.27		HG	FT	75		0		0		0	0		0		0		0		0		
34.27	58.35	P2QM			0		0		0		0	0		0		0		0		0		
36.77	36.86		K4Q		0		0		0		0	0		0		0		0		0		
37.23	37.32		K3Q		0	SE	3		0		0	0		0		0		0		0		
37.27	37.28		ST	ST	55		0		0		0	0		0		0		0		0		
40.95	41.17		K2Q		0	C	15	SE	3		0	0		0		0		0		0		
41.04	41.04		ST	ST	75		0		0		0	0		0		0		0		0		
43.41	43.42		Y1HG	FT	50		0		0		0	0		0		0		0		0		
43.42	43.44		K3Q		0		0		0		0	0		0		0		0		0		
44.43	44.46		K4Q		0		0		0		0	0		0		0		0		0		
44.60	44.65		GG	FT	80		0		0		0	0		0		0		0		0		
44.87	45.11		K2Q		0	C	20		0		0	0		0		0		0		0		
45.02	45.05		GG	FT	80		0		0		0	0		0		0		0		0		
45.11	45.12		GG	FT	70		0		0		0	0		0		0		0		0		
48.91	48.98		K3Q		0		0		0		0	0		0		0		0		0		
49.13	49.20		K2Q		0	C	15	SE	3		0	0		0		0		0		0		
49.17	49.17		Y1ST	ST	50		0		0		0	0		0		0		0		0		
52.03	52.03		ST	ST	50		0		0		0	0		0		0		0		0		
53.45	53.48		K3Q		0		0		0		0	0		0		0		0		0		
53.73	53.73		Y1ST	ST	40		0		0		0	0		0		0		0		0		
54.34	54.61		P3QM		0	K	1		0		0	0		0		0		0		0		



# Diamond Drill Geology Record

HOLE NUMBER: SLD05440

DATE: 10/02/2005

LOGGED BY DM JM

FROM (m)	TO (m)	MAIN ROCK	MINOR ROCK	STRUCT	ANGLE	ALT1	ALT1%	ALT2	ALT2%	ALT3	ALT3%	PV%	SULF1	SULF1%	SULF2	SULF2%	SULF3	SULF3%	GANGUE	GANGUE%	COMMENTS	
89.45	89.46		GG	FT	80		0		0		0			0		0		0		0		
89.83	91.12	A4QM			0	C			0		0			0		0		0		0		
89.90	89.98		GG	FT	70		0		0		0			0		0		0		0		
90.08	90.12		GG	FT	50		0		0		0			0		0		0		0		
90.70	90.71		Y2GG	FT	60		0		0		0			0		0		0		0		
90.78	90.79		Y1ST	ST	40		0		0		0			0		0		0		0		
90.82	90.83		Y2ST	ST	50		0		0		0			0		0		0		0		
91.01	91.12		GG	FT	65		0		0		0			0		0		0		0		
91.12	92.09	K2QM			0	C	10		0		0			0		0		0		0		
91.56	91.60		K4Q		0		0		0		0			0		0		0		0		
91.60	91.62		S4QM		0		0		0		0			0		0		0		0		
91.62	91.63		Y1ST	ST	50		0		0		0			0		0		0		0		
92.09	94.68	P2QM			0		0		0		0			0		0		0		0		
93.33	93.58		K2Q		0	C	20		0		0			0		0		0		0		
94.68	98.45	K2QM			0	C	20		0		0			0		0		0		0		
94.77	94.78		GG	FT	85		0		0		0			0		0		0		0		
95.49	95.54		GG	FT	65		0		0		0			0		0		0		0		
95.75	95.76		GG	FT	50		0		0		0			0		0		0		0		
96.72	96.76		GG	FT	50		0		0		0			0		0		0		0		
96.76	97.01		P2QM		0		0		0		0			0		0		0		0		
98.11	98.26		GG	FT	65		0		0		0			0		0		0		0		
98.45	103.71	P4QM			0	K	2		0		0			0		0		0		0		
98.86	98.92		GG	FT	50		0		0		0			0		0		0		0		
99.15	99.19		GG	FT	50		0		0		0			0		0		0		0		
103.30	103.33		GG	FT	75		0		0		0			0		0		0		0		
103.44	103.48		GG	FT	60		0		0		0			0		0		0		0		
103.71	106.58	K2QM			0	C	20		0		0			0		0		0		0		
106.58	111.86	P3QM			0		0		0		0			0		0		0		0		
107.85	108.28		K3Q		0	C	20		0		0			0		0		0		0		
108.40	108.74		K3Q		0	C	20		0		0			0		0		0		0		
111.86	114.91	P2QM			0		0		0		0			0		0		0		0		

# Almaden Minerals Diamond Drill Record

**PROPERTY:** Elk **HOLE-ID:** SND05410 **DEPTH:** 241.40  
**AREA:** DpB **EASTING:** 2039.94 **DATE START:** 6/17/2005  
**CLAIM:** SNML **NORTHING:** 3207.00 **DATE FINISH:** 6/20/2005  
**SECTION:** 2040E **ELEVATION:** 1656.64 **CONTRACTOR:** Leclerc Drilling Ltd 38  
**CORE SIZE:** NQ **RECOVERY:** 0.00 **RQD:** 0.00 **CORE STORED AT:** Elk Rack C Bay 29 **LOGGED BY:** WJ JM DM

**COMMENTS** Hole drilled to test DpB vein west of 2090E. 10cm vein w VG intersected 3m deeper than projected.

## ASSAY AVERAGES

FROM	TO	INT	TW	ZONE	AU OZ/T	AG OZ/T	SG
182.46	182.98	0.52	0.50	PC	0.000	0.000	2.70
204.06	204.57	0.51	0.50	PC2	0.225	0.000	2.70
217.31	217.89	0.58	0.50	B	2.146	1.830	2.98





# Down Hole Survey Data

Hole Number *SND05410*

Core Size

Hole Depth

DISTANCE    DIP    AZIMUTH    MAGDIP    TESLAS

DISTANCE	DIP	AZIMUTH	MAGDIP	TESLAS
0	-75	0.0	0	0
120	-75	0.0	0	0
241.4	-75	0.0	0	0







# Diamond Drill Geology Record

HOLE NUMBER: **SND05410**

DATE: 6/17/2005

LOGGED BY WJ JM DM

FROM (m)	TO (m)	MAIN ROCK	MINOR ROCK	STRUCT	ANGLE	ALT1	ALT1%	ALT2	ALT2%	ALT3	ALT3%	PY%	SULF1	SULF1%	SULF2	SULF2%	SULF3	SULF3%	GANGUE	GANGUE%	COMMENTS	
231.80	237.54	P3FP			0															0		
237.54	241.40	K3FP			0															0		
237.83	237.91		GG	FT	50															0		

# Almaden Minerals Diamond Drill Record

**PROPERTY:** Elk **HOLE-ID:** SND05411 **DEPTH:** 289.56  
**AREA:** DpB **EASTING:** 2039.98 **DATE START:** 6/20/2005  
**CLAIM:** SNML **NORTHING:** 3206.74 **DATE FINISH:** 6/23/2005  
**SECTION:** 2040E **ELEVATION:** 1656.56 **CONTRACTOR:** Leclerc Drilling Ltd 38  
**CORE SIZE:** NQ **RECOVERY:** 0.00 **RQD:** 0.00 **CORE STORED AT:** Elk Rack C Bay 29 **LOGGED BY:** JM DM

**COMMENTS** Hole drilled to test DpB west of 2090E. Two Y2QV 8cm

## ASSAY AVERAGES

FROM	TO	INT	TW	ZONE	AU OZ/T	AG OZ/T	SG
187.85	188.39	0.54	0.50	PC	0.000	0.000	2.70
229.64	230.22	0.58	0.50	PC2	1.056	0.000	2.70
259.12	260.73	1.61	0.50	B	0.489	0.779	2.72

# Sample Results

HOLE-ID SND05411

FROM (m)	TO (m)	Sample Number	Int (m)	GEOL	Analysis		Fire Assay		Metallics Assay		Reduced Results	
					AU ppb	AG gm/l	AU oz/t	AG oz/t	AU oz/t	AG oz/t	AU oz/t	AG oz/t
113.25	113.55	411-1	0.30	VGW	0.0	0.0	0.106	0.437	0.000	0.000	0.106	0.437
179.92	180.22	411-2	0.30	Y2VN	79.9	0.0	0.000	0.000	0.000	0.000	0.002	0.000
180.22	180.52	411-3	0.30	Y3VN	7369.2	0.0	0.000	0.000	0.000	0.000	0.215	0.000
181.94	182.24	411-4	0.30	Y2ST	476.6	0.0	0.000	0.000	0.000	0.000	0.014	0.000
183.23	183.52	411-6	0.30	Y2VN	200.6	0.0	0.000	0.000	0.000	0.000	0.006	0.000
188.09	188.39	411-9	0.30	OV	2.0	0.0	0.000	0.000	0.000	0.000	0.000	0.000
229.91	230.21	411-10	0.30	Y3VN	71000.0	0.0	0.000	0.000	2.031	0.000	2.031	0.000
254.64	254.94	411-11	0.30	OV	852.0	0.0	0.000	0.000	0.000	0.000	0.025	0.000
257.61	258.61	411-12	1.00	Y4ST	0.0	0.0	0.000	0.000	0.000	0.000	0.000	0.000
258.63	259.13	411-13	0.50	Y2ST	47.5	0.0	0.000	0.000	0.000	0.000	0.001	0.000
259.13	259.43	411-14	0.30	Y2VN	0.0	0.0	0.000	0.000	0.647	0.904	0.647	0.904
259.43	259.73	411-15	0.30	Y2VN	0.0	0.0	0.000	0.000	0.332	0.671	0.332	0.671
259.73	260.73	411-16	1.00	GG	122.8	0.0	0.000	0.000	0.000	0.000	0.004	0.000
284.21	284.51	411-17	0.30	Y5VN	4583.4	0.0	0.000	0.000	0.000	0.000	0.134	0.000

# Down Hole Survey Data

Hole Number *SND05411*

Core Size

Hole Depth

**DISTANCE    DIP    AZIMUTH    MAGDIP    TESLAS**

DISTANCE	DIP	AZIMUTH	MAGDIP	TESLAS
0	-83	0.0	0	0
27.43	-86	12.8	0	0
42.67	-86	26.8	0	0
57.91	-84	27.6	0	0
73.15	-84	26.9	0	0
88.39	-83	2.6	0	0
103.63	-86	16.7	0	0
118.87	-84	26.4	0	0
134.11	-83	24.6	0	0
149.35	-83	21.6	0	0
164.59	-83	10.8	0	0
179.83	-85	357.4	0	0
195.07	-83	21.9	0	0
210.31	-84	32.5	0	0
225.55	-83	9.2	0	0
240.79	-83	20.5	0	0
256.03	-84	30.6	0	0
271.27	-86	8.5	0	0
286.51	-85	2.0	0	0





# Diamond Drill Geology Record

HOLE NUMBER: *SND05411*

DATE: 6/20/2005

LOGGED BY JM DM

FROM (m)	TO (m)	MAIN ROCK	MINOR ROCK	STRUCT	ANGLE	ALT1	ALT1%	ALT2	ALT2%	ALT3	ALT3%	PV%	SULF1	SULF1%	SULF2	SULF2%	SULF3	SULF3%	GANQUE	GANQUE%	COMMENTS	
111.07	111.11		GG	FT	80		0		0		0			0		0		0		0		
112.28	112.42		P1GD		0		0		0		0			0		0		0		0		
112.39	112.40		GG	FT	45		0		0		0			0		0		0		0		
113.22	113.36	A3GD			0		0		0		0			0		0		0		0		
113.32	113.36		GG	FT	45		0		0		0			0		0		0		0		
113.36	113.46	VGVN		V	30		0		0		0	15	CP	15		0		0		0		
113.46	115.74	A3GD			0		0		0		0			0		0		0		0		
115.01	115.02		Y2ST	ST	45		0		0		0	15		0		0		0		0		
115.64	115.74		GG	FT	60		0		0		0			0		0		0		0		
115.74	127.88	GD			0		0		0		0			0		0		0		0		
116.83	116.83		CBST	ST	70		0		0		0			0		0		0		0		
116.88	116.88		CBST	ST	65		0		0		0			0		0		0		0		
117.12	117.12		ST	ST	50		0		0		0			0		0		0		0	40	
117.21	117.21		CBST	ST	60		0		0		0			0		0		0		0		
117.24	117.24		CBST	ST	60		0		0		0			0		0		0		0		
117.27	117.27		CBST	ST	60		0		0		0			0		0		0		0		
117.60	117.60		CBST	ST	60		0		0		0			0		0		0		0		
119.62	120.42		GG	FT	5		0		0		0			0		0		0		0		
123.10	123.33		GG	FT	15		0		0		0			0		0		0		0		
127.88	128.20	AP		D	45		0		0		0			0		0		0		0		
128.20	129.46	GD			0		0		0		0			0		0		0		0		
129.05	129.46		GG	FT	35		0		0		0			0		0		0		0		
129.46	130.00	AP		D	35		0		0		0			0		0		0		0		
130.00	214.97	GD			0		0		0		0			0		0		0		0		XENOS 4%MAFIC MIXING FROM 214M TO CONTACT
133.20	135.94		K1GD		0		0		0		0			0		0		0		0		
133.34	133.94		GG	FT	30		0		0		0			0		0		0		0		
136.20	137.65		K1GD		0		0		0		0			0		0		0		0		
136.79	137.05		GG	FT	35		0		0		0			0		0		0		0		
138.11	138.33		GG	FT	25		0		0		0			0		0		0		0		
140.37	140.56		GG	FT	15		0		0		0			0		0		0		0		
141.70	142.23		K1GD		0		0		0		0			0		0		0		0		
142.23	142.50		K2GD		0		0		0		0			0		0		0		0		
142.50	151.25		K1GD		0		0		0		0			0		0		0		0		
154.62	156.28		K1GD		0		0		0		0			0		0		0		0		
161.55	173.23		K1GD		0		0		0		0			0		0		0		0		
177.03	177.09		F1GD		0		0		0		0			0		0		0		0		
177.12	177.12		Y1ST	ST	60		0		0		0			0		0		0		0		
177.12	177.17		A3GD		0		0		0		0			0		0		0		0		
178.31	178.33		QV	V	60		0		0		0			0		0		0		0	25	
179.97	180.05		A2GD		0		0		0		0			0		0		0		0		
180.05	180.12		F3GD		0		0		0		0			0		0		0		0		
180.12	180.14		Y1VN	V	65		0		0		0			0		0		0		0		
180.29	180.32		Y3VN	V	70		0		0		0			0		0		0		0		
180.32	180.45		A2GD		0		0		0		0			0		0		0		0		
180.56	180.58		A2GD		0		0		0		0			0		0		0		0		
180.58	180.63		F2GD		0		0		0		0			0		0		0		0		
180.63	180.66		A2GD		0		0		0		0			0		0		0		0		
181.93	181.96		A2GD		0		0		0		0			0		0		0		0		
181.96	181.97		F3GD		0		0		0		0			0		0		0		0		
181.97	181.98		Y1ST	ST	60		0		0		0			0		0		0		0		
181.98	181.99		F3GD		0		0		0		0			0		0		0		0		
181.99	182.01		A2GD		0		0		0		0			0		0		0		0		
182.02	182.03		A2GD		0		0		0		0			0		0		0		0		
182.03	182.04		F3GD		0		0		0		0			0		0		0		0		



# Diamond Drill Geology Record

HOLE NUMBER: **SND05411**

DATE: 6/20/2005

LOGGED BY JM DM

FROM (m)	TO (m)	MAIN ROCK	MINOR ROCK	STRUCT	ANGLE	ALT1	ALT1%	ALT2	ALT2%	ALT3	ALT3%	PY%	SULF1	SULF1%	SULF2	SULF2%	SULF3	SULF3%	GANGUE	GANGUE%	COMMENTS	
259.53	259.69	Y2VN		V	60		0		0		0	0		0		0		0		0		
259.69	289.56	GC			0		0		0		0	0		0		0		0		0		
259.93	259.93		GG	FT	60		0		0		0	0		0		0		0		0		
260.17	260.18		GG	FT	60		0		0		0	0		0		0		0		0		
261.20	261.22		GG	FT	50		0		0		0	0		0		0		0		0		
272.30	272.70		GG	FT	60		0		0		0	0		0		0		0		0		
277.00	277.02		GG	FT	50		0		0		0	0		0		0		0		0		
277.55	277.56		GG	FT	30		0		0		0	0		0		0		0		0		
278.24	278.24		GG	FT	50		0		0		0	0		0		0		0		0		
278.78	278.82		GG	FT	30		0		0		0	0		0		0		0		0		
280.15	280.17		GG	FT	15		0		0		0	0		0		0		0		0		
282.31	282.35		GG	FT	40		0		0		0	0		0		0		0		0		
282.89	282.89		GG	FT	50		0		0		0	0		0		0		0		0		
283.75	283.76		GG	FT	50		0		0		0	0		0		0		0		0		
284.36	284.38		Y5VN	V	50		0		0		0	90		0		0		0		0		
285.05	285.50		CBST	ST	60		0		0		0	0		0		0		0		0		
287.04	287.45		GG	FT	40		0		0		0	0		0		0		0		0		
288.00	288.01		GG	FT	30		0		0		0	0		0		0		0		0		

# Almaden Minerals Diamond Drill Record

**PROPERTY:** Elk **HOLE-ID:** SND05412 **DEPTH:** 334.37  
**AREA:** DpB **EASTING:** 2039.82 **DATE START:** 6/24/2005  
**CLAIM:** SNML **NORTHING:** 3172.08 **DATE FINISH:** 6/28/2005  
**SECTION:** 2040E **ELEVATION:** 1652.57 **CONTRACTOR:** Leclerc Drilling Ltd 38  
**CORE SIZE:** NQ **RECOVERY:** 0.00 **RQD:** 0.00 **CORE STORED AT:** Elk Rack C Bay 29 **LOGGED BY:** JM DM

**COMMENTS** Hole drilled to test DpB zone. Two veins 7 & 9cm intersected shallower than expected. B zone flattens with depth.

## ASSAY AVERAGES

FROM	TO	INT	TW	ZONE	AU OZ/T	AG OZ/T	SG
194.04	194.56	0.52	0.50	PC	0.021	0.000	2.70
242.71	243.26	0.55	0.50	PC2	0.001	0.000	2.70
269.20	269.78	0.58	0.50	B	0.398	0.635	2.81
272.41	273.20	0.79	0.65	B	0.026	0.109	2.74

# Down Hole Survey Data

Hole Number *SND05412*

Core Size

Hole Depth

DISTANCE	DIP	AZIMUTH	MAGDIP	TESLAS
0	-83	0.0	0	0
9.14	-81	353.7	0	0
24.38	-80	348.4	0	0
39.62	-80	346.6	0	0
54.86	-81	356.0	0	0
70.1	-82	356.6	0	0
85.34	-82	340.6	0	0
100.58	-82	341.9	0	0
115.82	-82	342.5	0	0
131.06	-81	343.0	0	0
146.3	-82	343.5	0	0
161.54	-81	344.0	0	0
176.78	-82	344.4	0	0
192.02	-82	346.6	0	0
207.26	-83	359.3	0	0
222.5	-83	356.2	0	0
237.74	-81	346.2	0	0
252.98	-82	346.7	0	0
268.22	-81	347.2	0	0
283.46	-82	347.6	0	0
298.7	-80	347.8	0	0
329.18	-82	348.0	0	0

# Diamond Drill Geology Record

HOLE NUMBER: **SND05412**

DATE: 6/24/2005

LOGGED BY JM DM

FROM (m)	TO (m)	MAIN ROCK	MINOR ROCK	STRUCT	ANGLE	ALT1	ALT1%	ALT2	ALT2%	ALT3	ALT3%	PV%	SULF1	SULF1%	SULF2	SULF2%	SULF3	SULF3%	GANGUE	GANGUE%	COMMENTS	
0.00	5.53	CS				0	0		0		0	0		0	0		0	0		0		
5.53	11.22	QM				0	0		0		0	0		0	0		0	0		0		
11.22	39.94	PIQM				0	0		0		0	0		0	0		0	0		0		
13.32	13.33		GG	FT	10	0	0		0		0	0		0	0		0	0		0		
14.64	14.69		K1Q			0	0		0		0	0		0	0		0	0		0		
15.40	15.42		K1Q			0	0		0		0	0		0	0		0	0		0		
16.05	16.11		K1Q			0	0		0		0	0		0	0		0	0		0		
16.11	16.11		Y1ST			0	0		0		0	0		0	0		0	0		0		
16.12	16.21		K1Q			0	0		0		0	0		0	0		0	0		0		
20.31	20.45		K1Q			0	0		0		0	0		0	0		0	0		0		
20.70	20.93		K1Q			0	0		0		0	0		0	0		0	0		0		
21.98	22.02		K1Q			0	0		0		0	0		0	0		0	0		0		
22.02	22.02		GG	FT	80	0	0		0		0	0		0	0		0	0		0		
22.02	22.09		K1Q			0	0		0		0	0		0	0		0	0		0		
22.63	22.86		K1Q			0	0		0		0	0		0	0		0	0		0		
23.17	23.25		K1Q			0	0		0		0	0		0	0		0	0		0		
23.25	23.25		Y1ST			0	0		0		0	0		0	0		0	0		0		
23.25	23.28		K1Q			0	0		0		0	0		0	0		0	0		0		
23.92	23.96		K1Q			0	0		0		0	0		0	0		0	0		0		
23.96	23.97		Y1ST			0	0		0		0	0		0	0		0	0		0		
23.97	24.01		K1Q			0	0		0		0	0		0	0		0	0		0		
26.03	26.08		K1Q			0	0		0		0	0		0	0		0	0		0		
28.21	28.21		GG	FT	60	0	0		0		0	0		0	0		0	0		0		
28.66	28.69		K1Q			0	0		0		0	0		0	0		0	0		0		
31.38	31.43		K1Q			0	0		0		0	0		0	0		0	0		0		
31.83	31.88		K1Q			0	0		0		0	0		0	0		0	0		0		
32.38	32.40		K1Q			0	0		0		0	0		0	0		0	0		0		
32.40	32.40		Y1ST			0	0		0		0	0		0	0		0	0		0		
32.40	32.42		K1Q			0	0		0		0	0		0	0		0	0		0		
32.56	32.61		K1Q			0	0		0		0	0		0	0		0	0		0		
32.63	32.70		K1Q			0	0		0		0	0		0	0		0	0		0		
33.83	35.36		K1Q			0	A2		0		0	0		0	0		0	0		0		
34.30	34.38		GG	FT	10	0	0		0		0	0		0	0		0	0		0		
39.94	73.45	PIGD				0	0		0		0	0		0	0		0	0		0		XENOS 2%
43.12	43.12		GG	FT	60	0	0		0		0	0		0	0		0	0		0		
43.12	43.15		K2GD			0	0		0		0	0		0	0		0	0		0		
43.19	43.20		K2GD			0	0		0		0	0		0	0		0	0		0		
43.20	43.20		ST			0	0		0		0	0		0	0		0	0		C	40	
43.20	43.22		K2GD			0	0		0		0	0		0	0		0	0		0		
46.56	46.59		F2GD			0	K1	0	0		0	0		0	0		0	0		0		
46.59	46.59		Y2ST	ST	70	0	0		0		0	0		0	0		0	0		0		
46.59	46.62		F2GD			0	K1	0	0		0	0		0	0		0	0		0		
46.69	46.69		Y1ST	ST	70	0	0		0		0	0		0	0		0	0		C	2	
46.76	46.80		F2GD			0	K1	0	0		0	0		0	0		0	0		0		
46.99	46.99		Y1ST	ST	70	0	0		0		0	0		0	0		0	0		0		
47.00	47.02		F2GD			0	0		0		0	0		0	0		0	0		0		
47.08	47.09		F2GD			0	K1	0	0		0	0		0	0		0	0		0		
47.09	47.09		Y1ST	ST	70	0	0		0		0	0		0	0		0	0		0		
47.09	47.13		F2GD			0	K1	0	0		0	0		0	0		0	0		0		
48.98	49.00		F2GD			0	K2	0	0		0	0		0	0		0	0		0		
49.00	49.00		Y1ST	ST	70	0	0		0		0	0		0	0		0	0		0		
49.00	49.01		F2GD			0	K2	0	0		0	0		0	0		0	0		0		
49.22	49.24		A2GD			0	0		0		0	0		0	0		0	0		0		
49.24	49.26		F3GD			0	0		0		0	0		0	0		0	0		0		





# Diamond Drill Geology Record

HOLE NUMBER: **SND05412**

DATE: 6/24/2005

LOGGED BY JM DM

FROM (m)	TO (m)	MAIN ROCK	MINOR ROCK	STRUCT	ANGLE	ALT1	ALT1%	ALT2	ALT2%	ALT3	ALT3%	PY%	SULF1	SULF1%	SULF2	SULF2%	SULF3	SULF3%	GANGUE	GANGUE%	COMMENTS	
98.74	98.85		GG	FT	15		0		0		0	0		0		0		0		0		
100.30	109.89	PIGD					0		0		0	0		0		0		0		0		
102.09	102.15		GG	FT	10		0		0		0	0		0		0		0		0		
102.96	102.96		GG	FT	55		0		0		0	0		0		0		0		0		
103.93	103.99		GG	FT	0		0		0		0	0		0		0		0		0		
104.07	104.13		GG	FT	0		0		0		0	0		0		0		0		0		
104.14	104.85		GG	FT	0		0		0		0	0		0		0		0		0		
105.32	105.61		GG	FT	0		0		0		0	0		0		0		0		0		
105.69	106.33		GG	FT	0		0		0		0	0		0		0		0		0		
106.54	106.82		GG	FT	0		0		0		0	0		0		0		0		0		
107.45	107.61		GG	FT	0		0		0		0	0		0		0		0		0		
107.75	107.97		GG	FT	0		0		0		0	0		0		0		0		0		
108.37	108.67		GG	FT	0		0		0		0	0		0		0		0		0		
108.77	108.83		GG	FT	0		0		0		0	0		0		0		0		0		
109.89	148.90	GD					0		0		0	0		0		0		0		0		
114.00	114.04		GG	FT	0		0		0		0	0		0		0		0		0		
114.04	114.06		Y1QV	V	60		0		0		0	0		0		0		0		0		
114.14	114.25		GG	FT	0		0		0		0	0		0		0		0		0		
114.75	115.30		A3GD		0		0		0		0	0		0		0		0		0		
115.48	115.71		A3GD		0		0		0		0	0		0		0		0		0		
115.85	115.98		A3GD		0		0		0		0	0		0		0		0		0		
117.20	117.70		GG	FT	0		0		0		0	0		0		0		0		0		
117.23	117.25		CV	V	60		0		0		0	0		0		0		0		0		
117.33	117.38		CV	V	60		0		0		0	0		0		0		0		0		
117.48	117.50		CV	V	60		0		0		0	0		0		0		0		0		
118.15	118.16		CBST	ST	60		0		0		0	0		0		0		0		0		
118.26	119.25		A3GD		0		0		0		0	0		0		0		0		0		
119.41	119.67		A3GD		0		0		0		0	0		0		0		0		0		
119.94	120.33		A3GD		0		0		0		0	0		0		0		0		0		
122.83	123.65		P2GD		0		0		0		0	0		0		0		0		0		
125.68	125.88		A2GD		0		0		0		0	0		0		0		0		0		
134.26	134.27		ST	ST	60		0		0		0	0		0		0		0		C	20	
136.33	136.34		GG	FT	30		0		0		0	0		0		0		0		0		
136.60	136.62		GG	FT	30		0		0		0	0		0		0		0		0		
136.90	136.92		GG	FT	30		0		0		0	0		0		0		0		0		
146.22	146.26		GG	FT	60		0		0		0	0		0		0		0		0		
146.61	146.94		GG	FT	60		0		0		0	0		0		0		0		0		
147.13	147.15		Y1QV	V	60		0		0		0	0		0		0		0		0		
148.52	148.52		Y1ST	ST	60		0		0		0	0		0		0		0		0		
148.90	149.77	PIGD	GG	FT	4		0		0		0	0		0		0		0		0		25% OF CORE
149.77	233.07	GD					0		0		0	0		0		0		0		0		
150.17	150.27		GG	FT	0		0		0		0	0		0		0		0		0		
150.48	150.52		GG	FT	0		0		0		0	0		0		0		0		0		
152.44	152.46		GG	FT	0		0		0		0	0		0		0		0		0		
153.25	153.74		GG	FT	0		0		0		0	0		0		0		0		0		50% OF CORE
161.23	161.23		CBST	ST	60		0		0		0	0		0		0		0		0		
164.29	164.40		AP	D	50		0		0		0	0		0		0		0		0		
165.76	165.77		CBST	ST	60		0		0		0	0		0		0		0		0		
167.28	167.29		CBST	ST	60		0		0		0	0		0		0		0		0		
167.62	167.63		CBST	ST	15		0		0		0	0		0		0		0		0		
169.93	169.93		CBST	ST	50		0		0		0	0		0		0		0		0		
172.90	172.93		CBST	ST	4		0		0		0	0		0		0		0		0		
173.62	173.70		GG	FT	0		0		0		0	0		0		0		0		0		
175.25	175.37		GG	FT	60		0		0		0	0		0		0		0		0		

# Diamond Drill Geology Record

HOLE NUMBER: **SND05412**

DATE: 6/24/2005

LOGGED BY JM DM

FROM (m)	TO (m)	MAIN ROCK	MINOR ROCK	STRUCT	ANGLE	ALT1	ALT1%	ALT2	ALT2%	ALT3	ALT3%	PY%	SULF1	SULF1%	SULF2	SULF2%	SULF3	SULF3%	GANGUE	GANGUE%	COMMENTS	
176.12	176.16		GG	FT	60		0		0		0	0		0		0		0		0		
178.99	179.11		GG	FT	60		0		0		0	0		0		0		0		0		
179.47	179.52		GG	FT	70		0		0		0	0		0		0		0		0		
184.78	184.79		K1GD		0		0		0		0	0		0		0		0		0		
184.79	184.79		CBST	ST	55		0		0		0	0		0		0		0		0		
184.79	184.81		K1GD		0		0		0		0	0		0		0		0		0		
186.10	186.12		K1GD		0		0		0		0	0		0		0		0		0		
186.12	186.13		CBST	ST	75		0		0		0	0		0		0		0		0		
186.13	186.15		K1GD		0		0		0		0	0		0		0		0		0		
187.06	187.09		K1GD		0		0		0		0	0		0		0		0		0		
187.09	187.11		CBST	ST	15		0		0		0	0		0		0		0		0		
187.11	187.16		K1GD		0		0		0		0	0		0		0		0		0		
187.48	187.53		K1GD		0		0		0		0	0		0		0		0		0		
187.71	187.85		F3GD		0		0		0		0	0		0		0		0		0		
187.85	187.85		CBST	ST	60		0		0		0	0		0		0		0		0		
187.85	187.88		F3GD		0		0		0		0	0		0		0		0		0		
188.96	188.98		K1GD		0		0		0		0	0		0		0		0		0		
188.98	189.00		F3GD		0		0		0		0	0		0		0		0		0		
189.00	189.02		K1GD		0		0		0		0	0		0		0		0		0		
190.31	190.33		K1GD		0		0		0		0	0		0		0		0		0		
190.33	190.38		F3GD		0		0		0		0	0		0		0		0		0		
190.38	190.41		K1GD		0		0		0		0	0		0		0		0		0		
191.07	191.08		K1GD		0		0		0		0	0		0		0		0		0		
191.08	191.12		F3GD		0		0		0		0	0		0		0		0		0		
191.12	191.13		K1GD		0		0		0		0	0		0		0		0		0		
191.49	191.51		K1GD		0		0		0		0	0		0		0		0		0		
191.51	191.51		F3GD		0		0		0		0	0		0		0		0		0		
191.51	191.51		CBST	ST	60		0		0		0	0		0		0		0		0		
191.51	191.52		F3GD		0		0		0		0	0		0		0		0		0		
191.52	191.54		K1GD		0		0		0		0	0		0		0		0		0		
194.02	194.07		K2GD		0	C	10		0		0	0		0		0		0		0		
194.07	194.18		F3GD		0		0		0		0	0		0		0		0		0		
194.18	194.22		Y2VN	V	75		0		0		0	0		0		0		0		0		
194.22	194.46		F3GD		0		0		0		0	0		0		0		0		0		
194.46	194.47		Y1VN	V	0		0		0		0	0		0		0		0		0		
194.47	194.50		F3GD		0		0		0		0	0		0		0		0		0		
194.50	194.55		K2GD		0	C	5		0		0	0		0		0		0		0		
194.73	194.75		K2GD		0	C	5		0		0	0		0		0		0		0		
195.36	195.40		K2GD		0	C	5		0		0	0		0		0		0		0		
195.40	195.45		F3GD		0		0		0		0	0		0		0		0		0		
195.45	195.52		K2GD		0	C	10		0		0	0		0		0		0		0		
195.74	195.79		K2GD		0	C	5		0		0	0		0		0		0		0		
201.55	201.55		ST	ST	80		0		0		0	0		0		0		0	C	10		
204.13	204.18		K2GD		0	C	10		0		0	0		0		0		0		0		
204.18	204.34		F3GD		0		0		0		0	0		0		0		0		0		
204.34	204.37		A3GD		0		0		0		0	0		0		0		0		0		
204.37	204.43		K2GD		0	C	10		0		0	0		0		0		0		0		
204.50	204.54		K2GD		0	C	5		0		0	0		0		0		0		0		
208.20	208.20		CBST	ST	60		0		0		0	0		0		0		0		0		
212.66	212.76		K2GD		0		0		0		0	0		0		0		0		0		
214.35	214.40		P2GD		0		0		0		0	0		0		0		0		0		
214.40	214.57		K2GD		0		0		0		0	0		0		0		0		0		
214.51	214.57		GG	FT	60		0		0		0	0		0		0		0		0		
215.10	215.23		P2GD		0		0		0		0	0		0		0		0		0		

# Diamond Drill Geology Record

HOLE NUMBER: **SND05412**

DATE: 6/24/2005

LOGGED BY JM DM

FROM (m)	TO (m)	MAIN ROCK	MINOR ROCK	STRUCT	ANGLE	ALT1	ALT1%	ALT2	ALT2%	ALT3	ALT3%	PV%	SULF1	SULF1%	SULF2	SULF2%	SULF3	SULF3%	GANGUE	GANGUE%	COMMENTS	
215.23	215.26		GG	FT	70		0		0		0			0		0		0		0		
215.85	215.90		K2GD		0		0		0		0			0		0		0		0		
216.40	217.04		SH	S	65		0		0		0			0		0		0		0		
219.86	219.90		K2GD		0		0		0		0			0		0		0		0		
223.45	223.55		K2GD		0		0		0		0			0		0		0		0		
226.32	226.35		K2GD		0		0		0		0			0		0		0		0		
226.35	226.35		CBST	ST	70		0		0		0			0		0		0		0		
226.35	226.38		K2GD		0		0		0		0			0		0		0		0		
229.09	229.55		K3GD		0		0		0		0			0		0		0		0		
229.70	229.87		K2GD		0		0		0		0			0		0		0		0		
231.45	231.48		K2GD		0		0		0		0			0		0		0		0		
231.65	231.69		K21G		0		0		0		0			0		0		0		0		
233.07	237.94	QM			0		0		0		0			0		0		0		0		
236.39	236.40	ST	ST	ST	15		0		0		0			0		0		0		0		
237.94	245.09	AV		C	60		0		0		0			0		0		0		0		
238.18	238.19	CBST	ST	ST	10		0		0		0			0		0		0		0		
238.92	238.93	ST	ST	ST	60		0		0		0			0		0		0		0		
242.86	242.88	K2AV			0		0		0		0			0		0		0		0		
242.88	242.96	F3AV			0		0		0		0			0		0		0		0		
242.96	242.99	QV			0		0		0		0			0		0		0		0		
242.99	243.17	F3AV			0		0		0		0			0		0		0		0		
243.17	243.21	K2AV			0		0		0		0			0		0		0		0		
245.09	246.10	QM			0		0		0		0			0		0		0		0		
246.10	246.17	AV			0		0		0		0			0		0		0		0		
246.15	246.15	P2AV			0		0		0		0			0		0		0		0		
246.17	246.37	QM			0		0		0		0			0		0		0		0		
246.37	247.92	AV			0		0		0		0			0		0		0		0		
247.92	248.21	QM			0		0		0		0			0		0		0		0		
248.21	253.15	GD			0		0		0		0			0		0		0		0		
252.45	252.46	GG	FT	FT	15		0		0		0			0		0		0		0		
252.77	252.98	P2GD			0		0		0		0			0		0		0		0		
253.15	261.50	QM			0		0		0		0			0		0		0		0		
261.50	261.63	GD			0		0		0		0			0		0		0		0		
261.63	262.35	QM			0		0		0		0			0		0		0		0		
262.35	263.52	GD			0		0		0		0			0		0		0		0		
263.30	263.40	GG	FT	FT	60		0		0		0			0		0		0		0		
263.52	269.20	QM			0		0		0		0			0		0		0		0		
267.91	269.14	P2QM			0		0		0		0			0		0		0		0		
269.14	269.20	K2Q			0		0		0		0			0		0		0		0		
269.20	269.29	F4GC			0		0		0		0			0		0		0		0		
269.29	269.36	Y2VN	V	V	60		0		0		0			0		0		0		0		
269.36	269.44	F3GC			0		0		0		0			0		0		0		0		
269.44	269.53	Y3VN	V	V	60		0		0		0			0		0		0		0		
269.53	269.91	F3GC			0		0		0		0			0		0		0		0		
269.75	269.86	K2GC			0		0		0		0			0		0		0		0		
269.91	269.94	Y1VN	V	V	55		0		0		0			0		0		0		0		
269.94	270.37	F3GC			0		0		0		0			0		0		0		0		
270.00	270.29	K2GC			0		0		0		0			0		0		0		0		
270.32	270.36	K2GC			0		0		0		0			0		0		0		0		
270.56	270.57	Y2ST	ST	ST	30		0		0		0			0		0		0		0		
270.67	270.88	Y3VN	V	V	60		0		0		0			0		0		0		0		
270.88	272.62	F2GC			0		0		0		0			0		0		0		0		
272.51	272.51	Y5ST	ST	ST	60		0		0		0			0		0		0		0		
272.61	272.63	Y2VN	V	V	60		0		0		0			0		0		0		0		



# Almaden Minerals Diamond Drill Record

**PROPERTY:** Elk **HOLE-ID:** SND05413 **DEPTH:** 294.74  
**AREA:** WD **EASTING:** 2162.29 **DATE START:** 6/28/2005  
**CLAIM:** SNML **NORTHING:** 3430.14 **DATE FINISH:** 7/02/2005  
**SECTION:** 2160E **ELEVATION:** 1644.42 **CONTRACTOR:** Leclerc Drilling Ltd 38  
**CORE SIZE:** NQ **RECOVERY:** 0.00 **RQD:** 0.00 **CORE STORED AT:** Elk Rack C Bay 29 **LOGGED BY:** JM DM

**COMMENTS** Hole drilled to test WD-WD2 veins. 25cm Y2QV intersected near proj location. GG intersected at proj WD2 location.

## ASSAY AVERAGES

FROM	TO	INT	TW	ZONE	AU OZ/T	AG OZ/T	SG
17.46	18.56	1.10	0.50	C	0.047	0.000	2.63
171.36	172.36	1.00	0.50	WD	0.402	1.081	2.75
214.26	217.11	2.84	0.50	WD2	0.013	0.000	2.70

# Sample Results

HOLE-ID SND05413

FROM (m)	TO (m)	Sample Number	Int (m)	GEOL	Analysis		Fire Assay		Metallics Assay		Reduced Results	
					AU ppb	AG gm/l	AU oz/t	AG oz/t	AU oz/t	AG oz/t	AU oz/t	AG oz/t
170.76	171.76	413-3	1.00	K3GC	2.5	0.0	0.000	0.000	0.000	0.000	0.000	0.000
171.76	172.35	413-4	0.60	Y4OV	0.0	0.0	0.000	0.000	0.662	1.779	0.662	1.779
172.35	173.35	413-5	1.00	K2GC	0.6	0.0	0.000	0.000	0.000	0.000	0.000	0.000
174.19	174.49	413-7	0.30	Y2GG	14.2	0.0	0.000	0.000	0.000	0.000	0.000	0.000
176.54	176.84	413-6	0.30	Y2GG	0.0	0.0	0.000	0.000	0.000	0.000	0.000	0.000
188.86	189.56	413-8	0.70	Y3GG	13.9	0.0	0.000	0.000	0.000	0.000	0.000	0.000
216.40	217.10	413-13	0.70	F3GC	650.3	0.0	0.000	0.000	0.000	0.000	0.019	0.000
217.80	218.10	413-9	0.30	Y2GG	675.6	0.0	0.000	0.000	0.000	0.000	0.020	0.000
260.96	261.26	413-14	0.30	Y1GG	35.0	0.0	0.000	0.000	0.000	0.000	0.001	0.000

# Down Hole Survey Data

Hole Number *SND05413*

Core Size

Hole Depth

DISTANCE	DIP	AZIMUTH	MAGDIP	TESLAS
0	-90	0.0	0	0
13.72	-89	324.5	0	0
28.96	-89	135.7	0	0
44.2	-89	192.1	0	0
59.44	-89	114.0	0	0
74.68	-88	160.9	0	0
89.92	-88	137.4	0	0
105.16	-88	175.3	0	0
120.4	-89	116.4	0	0
135.64	-88	131.3	0	0
150.88	-88	117.4	0	0
166.12	-88	177.0	0	0
181.36	-88	124.3	0	0
196.6	-88	119.1	0	0
211.84	-88	130.6	0	0
227.08	-89	119.4	0	0
242.32	-89	149.3	0	0
257.56	-89	191.8	0	0
272.8	-88	166.6	0	0
288.04	-89	198.6	0	0







# Diamond Drill Geology Record

HOLE NUMBER: **SND05413**

DATE: 6/28/2005

LOGGED BY JM DM

FROM (m)	TO (m)	MAIN ROCK	MINOR ROCK	STRUCT	ANGLE	ALT1	ALT1%	ALT2	ALT2%	ALT3	ALT3%	PY%	SULF1	SULF1%	SULF2	SULF2%	SULF3	SULF3%	GANGUE	GANGUE%	COMMENTS
111.25	111.25			CBST	ST	60	0		0		0	0		0		0	0	0	0	0	
112.56	112.98	AIGC				0	10		0		0	0		0		0	0	0	0	0	
112.98	113.50	K1GC				0	0		0		0	0		0		0	0	0	0	0	K ALT AROUND FRACTURES
113.50	113.63	GC				0	0		0		0	0		0		0	0	0	0	0	
113.63	115.91	K1GC				0	0		0		0	0		0		0	0	0	0	0	K ALT AROUND FRACTURES
115.01	115.01		CBST	ST	50	0	0		0		0	0		0		0	0	0	0	0	
115.91	141.10	GC				0	0		0		0	0		0		0	0	0	0	0	
121.61	121.63		CBST	ST	30	0	0		0		0	0		0		0	0	0	0	0	
123.03	123.04		CBST	ST	10	0	0		0		0	0		0		0	0	0	0	0	
126.19	126.24		PG	D	50	0	0		0		0	0		0		0	0	0	0	0	
126.40	126.46		PG	D	50	0	0		0		0	0		0		0	0	0	0	0	
128.15	128.35		K3GC			0	0		0		0	0		0		0	0	0	0	0	
137.08	137.08		CBST	ST	25	0	0		0		0	0		0		0	0	0	0	0	
137.11	137.11		CBST	ST	50	0	0		0		0	0		0		0	0	0	0	0	
139.85	139.86		CBST	ST	65	0	0		0		0	0		0		0	0	0	0	0	
141.10	141.62	AP				0	0		0		0	0		0		0	0	0	0	0	
141.62	166.61	K1GC				0	0		0		0	0		0		0	0	0	0	0	
148.47	149.37		K2GC			0	0		0		0	0		0		0	0	0	0	0	
157.72	157.84		K2GC			0	0		0		0	0		0		0	0	0	0	0	
161.29	161.31		HG	FT	10	0	0		0		0	0		0		0	0	0	0	0	
166.52	166.52		GG	FT	80	0	0		0		0	0		0		0	0	0	0	0	
166.54	166.54		GG	FT	60	0	0		0		0	0		0		0	0	0	0	0	
166.55	166.55		GG	FT	75	0	0		0		0	0		0		0	0	0	0	0	
166.60	171.76	K2GC				0	0		0		0	0		0		0	0	0	0	0	
166.65	166.66		GG	FT	10	0	0		0		0	0		0		0	0	0	0	0	
166.72	166.73		GG	FT	30	0	0		0		0	0		0		0	0	0	0	0	
166.95	166.95		GG	FT	40	0	0		0		0	0		0		0	0	0	0	0	
167.26	167.26		GG	FT	70	0	0		0		0	0		0		0	0	0	0	0	
169.06	169.16		GG	FT	40	0	0		0		0	0		0		0	0	0	0	0	
170.55	170.56		GG	FT	60	0	0		0		0	0		0		0	0	0	0	0	
170.87	170.91		GG	FT	55	0	0		0		0	0		0		0	0	0	0	0	
171.55	171.56		GG	FT	0	0	0		0		0	0		0		0	0	0	0	0	
171.76	171.90	F3GC				0	0		0		0	0		0		0	0	0	0	0	
171.90	172.21	Y4QV		V	30	0	0		0		0	20	CP	1		0	0	0	C	10	
172.21	172.34	GG		FT	30	0	0		0		0	0		0		0	0	0	0	0	
172.34	175.65	K2GC				0	0		0		0	0		0		0	0	0	0	0	
174.35	174.36		Y2GG	FT	60	0	0		0		0	0		0		0	0	0	0	0	
175.06	175.07		CBST	ST	30	0	0		0		0	0		0		0	0	0	0	0	
175.65	177.44	K3GC				0	0		0		0	0		0		0	0	0	0	0	
175.81	175.82		GG	FT	25	0	0		0		0	0		0		0	0	0	0	0	
176.62	176.71		Y2GG	FT	40	0	0		0		0	0		0		0	0	0	0	0	
177.44	179.40	K2GC				0	0		0		0	0		0		0	0	0	0	0	
179.40	181.59	K1GC				0	0		0		0	0		0		0	0	0	0	0	
181.59	183.56	K3GC				0	0		0		0	0		0		0	0	0	0	0	
183.56	184.41	K1GC				0	0		0		0	0		0		0	0	0	0	0	
184.41	185.73	K2GC				0	0		0		0	0		0		0	0	0	0	0	
185.73	189.38	K1GC				0	0		0		0	0		0		0	0	0	0	0	
188.55	188.61		GG	FT	0	0	0		0		0	0		0		0	0	0	0	0	
188.86	189.56		Y3GG	FT	4	0	0		0		0	0		0		0	0	0	0	0	1/6 THE CORE
189.38	189.54	F3GC				0	0		0		0	0		0		0	0	0	0	0	
189.54	190.02	K3GC				0	0		0		0	0		0		0	0	0	0	0	
190.02	194.97	K1GC				0	0		0		0	0		0		0	0	0	0	0	
194.97	195.43	K2GC				0	0		0		0	0		0		0	0	0	0	0	
195.43	203.85	K1GC				0	0		0		0	0		0		0	0	0	0	0	



# Diamond Drill Geology Record

HOLE NUMBER: *SND05413*

DATE: 6/28/2005

LOGGED BY JM DM

FROM (m)	TO (m)	MAIN ROCK	MINOR ROCK	STRUCT	ANGLE	ALT1	ALT1%	ALT2	ALT2%	ALT3	ALT3%	PY%	SULF1	SULF1%	SULF2	SULF2%	SULF3	SULF3%	GANGUE	GANGUE%	COMMENTS	
271.31	271.33		CBST	ST	20		0		0		0	0		0		0		0		0		
271.60	271.70		K2GC		0		0		0		0	0		0		0		0		0		
274.84	274.84		CBST	ST	60		0		0		0	0		0		0		0		0		
278.94	278.94		CBST	ST	50		0		0		0	0		0		0		0		0		
285.38	285.39		CBST	ST	15		0		0		0	0		0		0		0		0		
285.86	286.08		GG	FT	0		0		0		0	0		0		0		0		0		
288.66	288.86		GG	FT	0		0		0		0	0		0		0		0		0		
289.15	289.29		GG	FT	0		0		0		0	0		0		0		0		0		
289.29	289.91	K2GC			0		0		0		0	0		0		0		0		0		
289.91	290.10	A3GC			0		0		0		0	0		0		0		0		0		
290.10	290.16	F3GC			0		0		0		0	0		0		0		0		0		
290.12	290.16		GG	FT	0		0		0		0	0		0		0		0		0		
290.16	290.85	A4GC			0		0		0		0	0		0		0		0		0		
290.72	290.85		GG	FT	0		0		0		0	0		0		0		0		0		
290.85	291.65	A2GC			0		0		0		0	0		0		0		0		0		
291.65	294.74	K1GC			0		0		0		0	0		0		0		0		0		
293.60	293.60		CBST	ST	50		0		0		0	0		0		0		0		0		

# Almaden Minerals Diamond Drill Record

**PROPERTY:** Elk **HOLE-ID:** SND05414 **DEPTH:** 228.30  
**AREA:** WD **EASTING:** 2164.60 **DATE START:** 7/02/2005  
**CLAIM:** SNML **NORTHING:** 3429.33 **DATE FINISH:** 7/08/2005  
**SECTION:** 2160E **ELEVATION:** 1644.44 **CONTRACTOR:** Leclerc Drilling Ltd 38  
**CORE SIZE:** NQ **RECOVERY:** 0.00 **RQD:** 0.00 **CORE STORED AT:** Elk Rack C Bay 29 **LOGGED BY:** JM DM

**COMMENTS** Hole drilled to test WD zone. Phyllic alt zone intersected just short of projected depth.

## ASSAY AVERAGES

FROM	TO	INT	TW	ZONE	AU OZ/T	AG OZ/T	SG
22.12	23.83	1.71	0.50	C	0.066	0.000	2.70
31.09	32.80	1.71	0.50	-	0.123	0.000	2.70
58.50	59.49	0.99	0.50	-	0.066	0.000	2.70
198.50	199.37	0.87	0.75	WD	0.017	0.000	2.70

# Sample Results

HOLE-ID SND05414

FROM (m)	TO (m)	Sample Number	Int (m)	GEOL	Analysis		Fire Assay		Metallics Assay		Reduced Results	
					AU ppb	AG gm/l	AU oz/t	AG oz/t	AU oz/t	AG oz/t	AU oz/t	AG oz/t
23.33	23.83	414-1	0.50	Y1OV	7735.0	0.0	0.000	0.000	0.000	0.000	0.226	0.000
30.38	30.68	414-2	0.30	Y1GG	30.9	0.0	0.000	0.000	0.000	0.000	0.001	0.000
31.09	31.49	414-3	0.40	Y1GG	16196.3	0.0	0.483	0.000	0.000	0.000	0.483	0.000
32.61	32.91	414-4	0.30	Y1GG	3167.3	0.0	0.000	0.000	0.000	0.000	0.092	0.000
59.19	59.49	414-5	0.30	Y5QV	0.0	0.0	0.000	0.000	0.000	0.000	0.000	0.000
121.04	121.35	414-6	0.30	Y1OV	81.2	0.0	0.000	0.000	0.000	0.000	0.002	0.000
198.50	199.30	414-7	0.80	Y2GG	621.1	0.0	0.000	0.000	0.000	0.000	0.018	0.000
199.30	200.20	414-8	0.90	Y3GG	67.9	0.0	0.000	0.000	0.000	0.000	0.002	0.000

# Down Hole Survey Data

Hole Number *SND05414*

Core Size

Hole Depth

DISTANCE    DIP    AZIMUTH    MAGDIP    TESLAS

DISTANCE	DIP	AZIMUTH	MAGDIP	TESLAS
0	-84	180.0	0	0
2	-84	180.0	0	0
9.75	-83	180.0	0	0
24.99	-83	180.0	0	0
40.23	-84	180.0	0	0
55.47	-83	180.0	0	0
70.71	-83	180.0	0	0
85.95	-84	180.0	0	0
101.19	-84	180.0	0	0
116.43	-82	180.0	0	0
131.67	-82	180.0	0	0
146.91	-82	180.0	0	0
162.15	-83	180.0	0	0
177.39	-83	180.0	0	0
192.63	-84	180.0	0	0
207.87	-83	180.0	0	0
223.11	-83	180.0	0	0





# Diamond Drill Geology Record

HOLE NUMBER: **SND05414**

DATE: 7/02/2005

LOGGED BY JM DM

FROM (m)	TO (m)	MAIN ROCK	MINOR ROCK	STRUCT	ANGLE	ALT1	ALT1%	ALT2	ALT2%	ALT3	ALT3%	PY%	SULF1	SULF1%	SULF2	SULF2%	SULF3	SULF3%	GANGUE	GANGUE%	COMMENTS	
63.60	63.78		PG	D	50		0		0		0	0		0		0		0		0		
63.85	63.88		PG	D	50		0		0		0	0		0		0		0		0		
64.64	64.68		PG	D	80		0		0		0	0		0		0		0		0		
65.25	71.63	A3AV			0		0		0		0	0		0		0		0		0		
65.58	65.59		CBST	ST	60		0		0		0	0		0		0		0		0		
65.74	65.74		CBST	ST	40		0		0		0	0		0		0		0		0		
65.88	65.88		CBST	ST	50		0		0		0	0		0		0		0		0		
65.90	65.91		CBST	ST	50		0		0		0	0		0		0		0		0		
66.04	66.06		CBST	ST	50		0		0		0	0		0		0		0		0		
66.10	66.11		CBST	ST	50		0		0		0	0		0		0		0		0		
66.72	66.72		CBST	ST	50		0		0		0	0		0		0		0		0		
66.74	66.79		CBST	ST	40		0		0		0	0		0		0		0		0		
66.96	66.97		CBST	ST	35		0		0		0	0		0		0		0		0		
69.32	69.37		QV	V	35		0		0		0	0		0		0		0	C	55		
69.37	69.45		A3AV		0		0		0		0	0		0		0		0		0		
69.45	69.50		PG		0		0		0		0	0		0		0		0		0		
69.67	69.71		A3AV		0		0		0		0	0		0		0		0		0		
71.63	78.93	A2AV			0		0		0		0	0		0		0		0		0		
72.85	73.33		AV		0		0		0		0	0		0		0		0		0		
73.51	73.52		CBST	ST	60		0		0		0	0		0		0		0		0		
74.65	74.66		CBST	ST	40		0		0		0	0		0		0		0		0		
75.02	75.03		ST	ST	40		0		0		0	0		0		0		0	C	4		
75.18	75.19		ST	ST	40		0		0		0	0		0		0		0		0		
78.93	92.05	AV			0		0		0		0	0		0		0		0		0		
82.07	82.08		ST	ST	40		0		0		0	0		0		0		0		0		
82.10	82.11		ST	ST	40		0		0		0	0		0		0		0		0		
82.79	82.81		CBST	ST	90		0		0		0	0		0		0		0		0		
84.05	84.07		K2AV		0		0		0		0	0		0		0		0		0		
84.07	84.07		CBST	ST	50		0		0		0	0		0		0		0		0		
84.07	84.08		K2AV		0		0		0		0	0		0		0		0		0		
84.10	84.11		K2AV		0		0		0		0	0		0		0		0		0		
84.11	84.11		CBST	ST	35		0		0		0	0		0		0		0		0		
85.02	85.06		CBST	ST	10		0		0		0	0		0		0		0		0		
85.28	85.29		CBST	ST	30		0		0		0	0		0		0		0		0		
87.40	87.40		CBST	ST	40		0		0		0	0		0		0		0		0		
87.53	87.54		CBST	ST	20		0		0		0	0		0		0		0		0		
88.38	88.50		K3AV		0		0		0		0	0		0		0		0		0		
89.85	89.86		CBST	ST	70		0		0		0	0		0		0		0		0		
90.52	90.53		CBST	ST	60		0		0		0	0		0		0		0		0		
91.19	91.23		K2AV		0		0		0		0	0		0		0		0		0		
91.23	91.25		CBST	ST	50		0		0		0	0		0		0		0		0		
91.44	91.45		CBST	ST	60		0		0		0	0		0		0		0		0		
92.05	92.20	K2GC			0	C	5		0		0	0		0		0		0		0		
92.20	130.56	K1GC			0		0		0		0	0		0		0		0		0		
92.36	92.39		CBST	ST	30		0		0		0	0		0		0		0		0		
95.70	95.71		CBST	ST	35		0		0		0	0		0		0		0		0		
110.34	110.35		CBST	ST	50		0		0		0	0		0		0		0		0		
110.41	110.42		CBST	ST	40		0		0		0	0		0		0		0		0		
113.35	113.43		PG	D	80		0		0		0	0		0		0		0		0		
117.20	117.31		K2GC		0		0		0		0	0		0		0		0		0		
118.16	118.23		K2GC		0		0		0		0	0		0		0		0		0		
121.17	121.18		F2GC		0		0		0		0	0		0		0		0		0		
121.18	121.21		Y1QV	V	45		0		0		0	0		0		0		0		0		
121.21	121.21		F2GC		0		0		0		0	0		0		0		0		0		

# Diamond Drill Geology Record

HOLE NUMBER: **SND05414**

DATE: 7/02/2005

LOGGED BY **JM DM**

FROM (m)	TO (m)	MAIN ROCK	MINOR ROCK	STRUCT	ANGLE	ALT1	ALT1%	ALT2	ALT2%	ALT3	ALT3%	PV%	SULF1	SULF1%	SULF2	SULF2%	SULF3	SULF3%	GANQUE	GANQUE%	COMMENTS	
121.53	121.54		CBST	ST	15		0		0		0			0		0		0		0		
130.56	133.50	K2GC					0		0		0			0		0		0		0		
130.73	130.79		K4GC				0		0		0			0		0		0		0		
133.50	135.33	K1GC					0		0		0			0		0		0		0		
134.80	134.81		GG	FT	4		0		0		0			0		0		0		0		
135.33	135.93	K2GC					0		0		0			0		0		0		0		
135.93	147.31	K1GC					0		0		0			0		0		0		0		
139.07	139.18		PG	D	40		0		0		0			0		0		0		0		
139.40	139.41		CBST	ST	55		0		0		0			0		0		0		0		
144.82	145.00		K3GC				0		0		0			0		0		0		0		
147.31	147.96	AP		D	60		0		0		0			0		0		0		0		
147.96	151.91	K1GC					0		0		0			0		0		0		0		
150.44	150.46		AP	D	60		0		0		0			0		0		0		0		
151.48	151.53		GG	FT	4		0		0		0			0		0		0		0		
151.91	153.55	K2GC					0		0		0			0		0		0		0		
153.55	158.18	K1GC					0		0		0			0		0		0		0		
156.70	156.79		GG	FT	4		0		0		0			0		0		0		0		
158.18	159.32	K2GC					0		0		0			0		0		0		0		
159.32	180.73	K1GC					0		0		0			0		0		0		0		
162.27	162.33		GG	FT	10		0		0		0			0		0		0		0		
163.39	163.48		GG	FT	2		0		0		0			0		0		0		0		
164.12	164.16		PG	D	0		0		0		0			0		0		0		0		
178.09	178.32		K2GC				0		0		0			0		0		0		0		
179.72	179.76		GG	FT	15		0		0		0			0		0		0		0		
180.73	184.86	K2GC					0		0		0			0		0		0		0		
182.20	182.26		PG	D	0		0		0		0			0		0		0		0		
184.86	186.74	K1GC					0		0		0			0		0		0		0		
186.74	198.50	K2GC					0		0		0			0		0		0		0		
190.35	190.41		GG	FT	0		0		0		0			0		0		0		0		
195.82	195.83		CBST	ST	40		0		0		0			0		0		0		0		
198.50	198.81	A3GC					0		0		0			0		0		0		0		
198.81	199.13	F3GC					0		0		0			0		0		0		0		
199.13	199.56	F3GC				C	15		0		0			0		0		0		0		
199.56	200.12	A4GC					0		0		0			0		0		0		0		
199.85	199.87		Y3GG	FT	60		0		0		0			0		0		0		0		
200.12	200.37	K3GC					0		0		0			0		0		0		0		
200.37	213.39	K1GC					0		0		0			0		0		0		0		
206.88	206.89		AP	D	80		0		0		0			0		0		0		0		
212.57	212.58		PG	D	90		0		0		0			0		0		0		0		
213.39	213.82	K2GC					0		0		0			0		0		0		0		
213.79	213.80		AP	D	75		0		0		0			0		0		0		0		
213.82	217.72	K1GC					0		0		0			0		0		0		0		
214.11	214.12		AP	D	80		0		0		0			0		0		0		0		
214.64	216.00		K2GC			C	2		0		0			0		0		0		0		
214.82	214.83		AP	D	80		0		0		0			0		0		0		0		
216.38	216.38		CBST	ST	70		0		0		0			0		0		0		0		
217.40	217.41		CBST	ST	20		0		0		0			0		0		0		0		
217.63	217.70		PG	D	75		0		0		0			0		0		0		0		
217.72	225.82	K2GC					0		0		0			0		0		0		0		
220.74	220.74		CBST	ST	70		0		0		0			0		0		0		0		
220.77	220.78		CBST	ST	25		0		0		0			0		0		0		0		
221.50	221.59		SH	FT	30		0		0		0			0		0		0		0		
225.82	228.30	GC					0		0		0			0		0		0		0		

# Almaden Minerals Diamond Drill Record

**PROPERTY:** Elk **HOLE-ID:** SND05415 **DEPTH:** 302.67  
**AREA:** WD **EASTING:** 2209.09 **DATE START:** 7/08/2005  
**CLAIM:** SNML **NORTHING:** 3418.97 **DATE FINISH:** 7/14/2005  
**SECTION:** 2210E **ELEVATION:** 1639.40 **CONTRACTOR:** Leclerc Drilling Ltd 38  
**CORE SIZE:** NQ **RECOVERY:** 0.00 **RQD:** 0.00 **CORE STORED AT:** Elk Rack C Bay 29 **LOGGED BY:** DM JM

**COMMENTS** Hole drilled to test WD zones. 15cm QVGG intersected just below projected depth of WD. 20cm Y4QV intersected at proj location of WD2 zone.

## ASSAY AVERAGES

FROM	TO	INT	TW	ZONE	AU OZ/T	AG OZ/T	SG
90.40	91.74	1.34	0.50	C	0.063	0.126	2.68
242.31	245.01	2.70	0.50	WDa	0.130	0.246	2.64
243.35	244.06	0.71	0.50	WDa	0.130	0.248	2.62
247.19	247.90	0.71	0.50	WDb	0.003	0.000	2.68
280.99	281.70	0.71	0.50	WD2	0.632	0.775	2.91

# Sample Results

HOLE-ID SND05415

FROM (m)	TO (m)	Sample Number	Int (m)	GEOL	Analysis		Fire Assay		Metallics Assay		Reduced Results	
					AU ppb	AG gm/l	AU oz/t	AG oz/t	AU oz/t	AG oz/t	AU oz/t	AG oz/t
16.67	16.97	415-1	0.30	Y1OV	0.0	0.0	0.004	0.029	0.000	0.000	0.004	0.000
21.30	21.60	415-2	0.30	F4GD	0.0	0.0	0.001	0.087	0.000	0.000	0.001	0.087
24.96	25.26	415-3	0.30	Y1ST	0.0	0.0	0.015	0.058	0.000	0.000	0.015	0.058
27.06	27.36	415-4	0.30	ST	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
90.48	91.74	415-5	1.26	OVG	0.0	0.0	0.073	0.146	0.000	0.000	0.073	0.146
98.63	99.80	415-6	1.17	OVG	0.0	0.0	0.013	0.087	0.000	0.000	0.013	0.087
171.99	172.29	415-8	0.31	Y1OV	0.0	0.0	0.064	0.117	0.000	0.000	0.064	0.117
242.46	243.46	415-14A	1.00	K5GC	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
243.46	244.06	415-11	0.60	GGO	0.0	0.0	0.153	0.292	0.000	0.000	0.153	0.292
244.06	244.46	415-15	0.40	A3GC	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
244.46	245.01	415-14B	0.55	A3GC	0.0	0.0	0.002	0.029	0.000	0.000	0.002	0.000
247.50	247.90	415-12	0.40	Y1OV	0.0	0.0	0.006	0.029	0.000	0.000	0.006	0.000
249.84	250.24	415-13	0.40	F3GC	0.0	0.0	0.018	0.058	0.000	0.000	0.018	0.058
257.60	257.90	415-16	0.30	Y3ST	0.0	0.0	0.027	0.087	0.000	0.000	0.027	0.087
259.83	260.13	415-17	0.30	Y3ST	0.0	0.0	0.032	0.058	0.000	0.000	0.032	0.058
280.30	281.30	415-18	1.00	K1GC	0.0	0.0	0.003	0.029	0.000	0.000	0.003	0.000
281.30	281.70	415-19	0.40	Y4QV	0.0	0.0	0.000	0.000	1.044	1.283	1.044	1.283
281.70	282.19	415-20	0.50	K1GC	0.0	0.0	0.002	0.029	0.000	0.000	0.002	0.000
282.19	282.59	415-21	0.40	Y5ST	0.0	0.0	0.013	0.029	0.000	0.000	0.013	0.000
282.59	283.09	415-22	0.50	Y2ST	0.0	0.0	0.010	0.058	0.000	0.000	0.010	0.058
283.09	283.59	415-23	0.50	K1GC	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.000
283.59	283.89	415-24	0.30	Y3ST	0.0	0.0	0.035	0.087	0.000	0.000	0.035	0.087
283.89	285.19	415-25	1.30	Y4ST	0.0	0.0	0.021	0.029	0.000	0.000	0.021	0.000
286.49	286.99	415-27	0.50	Y5ST	0.0	0.0	0.003	0.029	0.000	0.000	0.003	0.000
289.08	289.38	415-30	0.30	Y2ST	0.0	0.0	0.023	0.087	0.000	0.000	0.023	0.087
293.95	294.25	415-31	0.30	Y3ST	0.0	0.0	0.015	0.058	0.000	0.000	0.015	0.058

# Down Hole Survey Data

Hole Number *SND05415*

Core Size

Hole Depth

**DISTANCE    DIP    AZIMUTH    MAGDIP    TESLAS**

DISTANCE	DIP	AZIMUTH	MAGDIP	TESLAS
0	-81	180.0	0	0
6.096	-82	186.4	0	0
21.336	-82	185.0	0	0
36.576	-82	184.2	0	0
51.816	-81	189.0	0	0
67.056	-82	194.8	0	0
82.296	-81	196.7	0	0
97.536	-82	198.7	0	0
112.776	-81	199.2	0	0
128.016	-80	189.5	0	0
143.256	-80	190.4	0	0
158.496	-79	195.1	0	0
173.736	-82	191.8	0	0
204.216	-81	188.8	0	0
219.456	-82	199.6	0	0
234.696	-81	191.7	0	0
249.936	-80	192.8	0	0
265.176	-80	191.4	0	0
280.416	-81	191.1	0	0
295.656	-81	193.1	0	0



# Diamond Drill Geology Record

HOLE NUMBER: **SND05415**

DATE: 7/08/2005

LOGGED BY **DM JM**

FROM (m)	TO (m)	MAIN ROCK	MINOR ROCK	STRUCT	ANGLE	ALT1	ALT1%	ALT2	ALT2%	ALT3	ALT3%	PV%	SULF1	SULF1%	SULF2	SULF2%	SULF3	SULF3%	GANGUE	GANGUE%	COMMENTS
63.28	78.94	GD			0		0		0		0	0		0		0		0		0	XENOS 1%
67.61	67.61		CBST	FT	60		0		0		0	0		0		0		0		0	
74.00	74.12		K1GD		0		0		0		0	0		0		0		0		0	
74.06	74.06		CBST	ST	55		0		0		0	0		0		0		0		0	
77.28	77.71		XE		0		0		0		0	0		0		0		0		0	
78.94	80.07	F3GD			0	K	10		0		0	0		0		0		0		0	
79.00	79.01		GG	FT	25		0		0		0	0		0		0		0		0	
79.61	79.72		A3GD		0		0		0		0	0.1		0		0		0		0	
80.07	87.48	GD			0	K	1		0		0	0		0		0		0		0	
80.64	80.64		ST	ST	45		0		0		0	0	H	2		0		0		0	
83.34	83.34		CBST	ST	60		0		0		0	0	H	1		0		0		0	
87.48	90.75	K3GD			0	C	2		0		0	0		0		0		0		0	
87.90	88.20		F3GD		0		0		0		0	0		0		0		0		0	
90.48	90.58		F4GD		0		0		0		0	0		0		0		0		0	
90.75	91.68	QVGG			0		0		0		0	2	CP	0.1	G	0.1		0		0	
91.68	92.01	A3AD			0		0		0		0	0		0		0		0		0	
92.01	93.49	P4AD			0		0		0		0	0		0		0		0		0	
93.49	94.20	P2AD			0		0		0		0	0		0		0		0		0	
94.20	98.37	P4AD			0		0		0		0	0		0		0		0		0	
94.90	94.90		CBST	ST	10		0		0		0	0		0		0		0		0	
98.37	98.74	A3AD			0		0		0		0	0		0		0		0		0	
98.74	99.66	QVGG			0		0		0		0	1		0		0		0		0	
99.66	99.80	F3GD			0		0		0		0	0		0		0		0		0	
99.80	106.72	K2GD			0		0		0		0	0		0		0		0		0	
102.70	102.71		GG	FT	80		0		0		0	0		0		0		0		0	
103.78	104.05		GG	FT	0		0		0		0	0		0		0		0		0	
104.12	104.31		GG	FT	13		0		0		0	0		0		0		0		0	
106.72	120.89	K1GD			0		0		0		0	0		0		0		0		0	
111.86	111.86		ST	ST	50		0		0		0	0	H	2		0		0		0	
117.21	117.35		PG	D	60		0		0		0	0		0		0		0		0	
120.89	121.11	A2GD			0		0		0		0	0		0		0		0		0	
121.02	121.08		F3GD		0		0		0		0	0		0		0		0		0	
121.11	123.64	GD			0		0		0		0	0		0		0		0		0	
121.30	121.33		F3GD		0		0		0		0	0		0		0		0		0	
123.64	124.74	A1GD			0	K	5		0		0	0		0		0		0		0	
124.74	133.67	GD			0		0		0		0	0		0		0		0		0	
126.29	126.34		PG	D	60		0		0		0	0		0		0		0		0	
131.72	131.72		CBST	ST	40		0		0		0	0		0		0		0		0	
132.54	132.54		GG	FT	65		0		0		0	0		0		0		0		0	
133.67	137.14	K1GD			0	C	10		0		0	0		0		0		0		0	
134.27	134.27		CBST	ST	60		0		0		0	0		0		0		0		0	
136.83	136.83		CBST	ST	45		0		0		0	0		0		0		0		0	
136.91	136.92		ST	ST	50		0		0		0	0		0		0		0		0	
137.14	139.80	K2GD			0		0		0		0	0		0		0		0		0	
139.80	141.65	GD			0		0		0		0	0		0		0		0		0	
140.89	140.89		GG	FT	45		0		0		0	0		0		0		0		0	
141.15	141.15		CBST	ST	40		0		0		0	0	H	2		0		0		0	
141.65	142.38	K1GD			0		0		0		0	0		0		0		0		0	
141.87	141.87		CBST	ST	80		0		0		0	0		0		0		0		0	
142.23	142.23		CBST	ST	70		0		0		0	0		0		0		0		0	
142.38	154.50	GD			0		0		0		0	0		0		0		0		0	XENOS 2%
147.77	147.78		CBST	ST	45		0		0		0	0		0		0		0		0	
149.41	149.61		PG	D	55		0		0		0	0		0		0		0		0	
152.23	152.23		CBST	ST	25		0		0		0	0		0		0		0		0	

# Diamond Drill Geology Record

HOLE NUMBER: SND05415

DATE: 7/08/2005

LOGGED BY DMJM

FROM (m)	TO (m)	MAIN ROCK	MINOR ROCK	STRUCT	ANGLE	ALT1	ALT1%	ALT2	ALT2%	ALT3	ALT3%	PY%	SULF1	SULF1%	SULF2	SULF2%	SULF3	SULF3%	GANGUE	GANGUE%	COMMENTS
154.50	157.71	K1GD			0		0		0		0	0	0	0	0	0	0	0		0	
157.71	160.26	GD			0		0		0		0	0	0	0	0	0	0	0		0	
160.26	160.77	K2GD			0		0		0		0	0	0	0	0	0	0	0		0	
160.71	160.71		CBST	ST	70		0		0		0	0	0	0	0	0	0	0		0	
160.77	161.59	GD			0		0		0		0	0	0	0	0	0	0	0		0	
161.59	163.57	K2GD			0		0		0		0	0	0	0	0	0	0	0		0	
161.67	161.74		A2GD		0	K	5		0		0	0	0	0	0	0	0	0		0	
161.74	161.77		QV	V	80		0		0		0	0	0	0	0	0	0	0	C	30	
161.77	162.05		A2GD		0	K	5		0		0	0	0	0	0	0	0	0		0	
162.95	162.95		CBST	ST	35		0		0		0	0	0	0	0	0	0	0		0	
163.50	163.51		CBST	ST	25		0		0		0	0	0	0	0	0	0	0		0	
163.57	172.04	GD			0		0		0		0	0	0	0	0	0	0	0		0	
165.33	165.48		K2GD		0		0		0		0	0	0	0	0	0	0	0		0	
167.43	167.43		CBST	ST	30		0		0		0	0	0	0	0	0	0	0		0	
167.49	167.49		CBST	ST	30		0		0		0	0	0	0	0	0	0	0		0	
169.30	169.32		F2GD		0		0		0		0	0	0	0	0	0	0	0		0	
169.32	169.32		ST	ST	40		0		0		0	1	0	0	0	0	0	0		0	
169.32	169.35		F2GD		0		0		0		0	0	0	0	0	0	0	0		0	
170.15	170.17		F2GD		0		0		0		0	0	0	0	0	0	0	0		0	
170.17	170.17		ST	ST	40		0		0		0	0	0	0	0	0	0	0		0	
170.17	170.19		F2GD		0		0		0		0	0	0	0	0	0	0	0		0	
170.57	170.75		K2GD		0		0		0		0	0	0	0	0	0	0	0		0	
171.29	171.29		CBST	ST	40		0		0		0	0	0	0	0	0	0	0		0	
172.04	172.29	K2GD			0	C	15		0		0	0	0	0	0	0	0	0		0	
172.10	172.19		QV	V	35		0		0		0	5	G	0.1	0	0	0	0		0	
172.29	175.06	GD			0		0		0		0	0	0	0	0	0	0	0		0	
172.79	173.10		K2GD		0		0		0		0	0	0	0	0	0	0	0		0	
173.31	173.38		PG	D	60		0		0		0	0	0	0	0	0	0	0		0	
175.06	176.42	K1GD			0		0		0		0	0	0	0	0	0	0	0		0	
175.70	175.70		CBST	ST	50		0		0		0	0	0	0	0	0	0	0		0	
176.42	182.21	GD			0		0		0		0	0	0	0	0	0	0	0		0	
177.10	177.13		CBST	ST	45		0		0		0	0	0	0	0	0	0	0		0	
178.15	178.16		CBST	ST	50		0		0		0	0	0	0	0	0	0	0		0	
182.21	182.83	K2GD			0	C	5		0		0	0	0	0	0	0	0	0		0	
182.24	182.24		CBST	ST	30		0		0		0	0	0	0	0	0	0	0		0	
182.83	192.85	GD			0		0		0		0	0	0	0	0	0	0	0		0	XENOS 2%
192.20	192.20		CBST	ST	45		0		0		0	0	0	0	0	0	0	0		0	
192.85	194.83	GD			0	K	5		0		0	0	0	0	0	0	0	0		0	
194.83	195.06	K2GD			0		0		0		0	0	0	0	0	0	0	0		0	
194.98	194.99		ST	ST	30		0		0		0	0	0	0	0	0	0	0	C	35	
195.06	210.03	GD			0		0		0		0	0	0	0	0	0	0	0		0	XENOS 1%
196.52	196.54		GG	FT	70		0		0		0	0	0	0	0	0	0	0		0	
199.29	199.30		CBST	ST	45		0		0		0	0	0	0	0	0	0	0		0	
200.90	200.91		CBST	ST	55		0		0		0	0	0	0	0	0	0	0		0	
208.79	208.80		ST	ST	25		0		0		0	0	0	0	0	0	0	0		0	
210.03	213.43	K1GD			0		0		0		0	0	0	0	0	0	0	0		0	
210.79	210.79		CBST	ST	20		0		0		0	0	0	0	0	0	0	0		0	
212.33	212.38		PG	D	45		0		0		0	0	0	0	0	0	0	0		0	
213.43	217.25	GD			0		0		0		0	0	0	0	0	0	0	0		0	
214.86	214.86		CBST	ST	30		0		0		0	0	0	0	0	0	0	0		0	
215.85	215.85		CBST	ST	50		0		0		0	0	0	0	0	0	0	0		0	
216.45	216.46		CBST	ST	60		0		0		0	0	0	0	0	0	0	0		0	
217.25	217.34	K2GD			0		0		0		0	0	0	0	0	0	0	0		0	
217.34	217.51	F2GD			0	C	10		0		0	0	0	0	0	0	0	0		0	







# Almaden Minerals Diamond Drill Record

**PROPERTY:** Elk **HOLE-ID:** SND05416 **DEPTH:** 179.22  
**AREA:** WD **EASTING:** 2109.72 **DATE START:** 7/15/2005  
**CLAIM:** SNML **NORTHING:** 3433.14 **DATE FINISH:** 7/18/2005  
**SECTION:** 2110E **ELEVATION:** 1650.39 **CONTRACTOR:** Leclerc Drilling Ltd 38  
**CORE SIZE:** NQ **RECOVERY:** 0.00 **RQD:** 0.00 **CORE STORED AT:** Elk Rack C Bay 30 **LOGGED BY:** DM JM

**COMMENTS** Hole drilled to test WD zones. 1.5cm - 2cm Y3GG and 2cm Y3QV intersected at projected location of WD vein. Hole abandoned before WD2 due to ground conditions.

## ASSAY AVERAGES

FROM	TO	INT	TW	ZONE	AU OZ/T	AG OZ/T	SG
155.43	156.21	0.78	0.50	WD	0.006	0.000	2.73

# Sample Results

HOLE-ID SND05416

FROM (m)	TO (m)	Sample Number	Int (m)	GEOL	Analysis		Fire Assay		Metallics Assay		Reduced Results	
					AU ppb	AG gm/l	AU oz/t	AG oz/t	AU oz/t	AG oz/t	AU oz/t	AG oz/t
144.24	144.54	416-1	0.30	Y2GG	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.000
148.89	149.19	416-2	0.30	Y2GG	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
155.81	156.21	416-5	0.40	Y3OV	0.0	0.0	0.012	0.029	0.000	0.000	0.012	0.000

# Down Hole Survey Data

Hole Number *SND05416*

Core Size

Hole Depth

DISTANCE	DIP	AZIMUTH	MAGDIP	TESLAS
0	-90	0.0	0	0
19.81	-89	140.1	0	0
35.05	-89	322.5	0	0
50.29	-89	340.5	0	0
65.53	-89	133.6	0	0
80.77	-89	130.0	0	0
96.01	-89	339.3	0	0
111.25	-89	194.9	0	0





# Diamond Drill Geology Record

HOLE NUMBER: **SND05416**

DATE: 7/15/2005

LOGGED BY DM JM

FROM (m)	TO (m)	MAIN ROCK	MINOR ROCK	STRUCT	ANGLE	ALT1	ALT1%	ALT2	ALT2%	ALT3	ALT3%	PY%	SULF1	SULF1%	SULF2	SULF2%	SULF3	SULF3%	GANGUE	GANGUE%	COMMENTS
161.63	161.63		CBST	ST	60		0		0		0	0		0		0		0	0	0	
162.90	162.90		GG	FT	30		0		0		0	0		0		0		0	0	0	
166.40	166.42		AP	D	30		0		0		0	0		0		0		0	0	0	
166.85	166.92		AP	D	50		0		0		0	0		0		0		0	0	0	
167.12	167.13		AP	D	20		0		0		0	0		0		0		0	0	0	
171.54	172.20		KIGC		0		0		0		0	0		0		0		0	0	0	
172.20	178.92		GC		0		0.1		0		0	0		0		0		0	0	0	



# Almaden Minerals Diamond Drill Record

PROPERTY:	Elk	HOLE-ID:	SND05417	DEPTH:	288.04	
AREA:	WD	EASTING:	2397.55	DATE START:	7/18/2005	
CLAIM:	SNML	NORTHING:	3443.90	DATE FINISH:	7/22/2005	
SECTION:	2395E	ELEVATION:	1629.46	CONTRACTOR:	Leclerc Drilling Ltd 38	
CORE SIZE:	NQ	RECOVERY:	0.00	RQD:	0.00	
		CORE STORED AT:	Elk Rack C Bay 30		LOGGED BY:	DM JM

**COMMENTS** Hole drilled to test WD zones. 15cm QVGG intersected just below projected depth of WD. Series of small veins and gouges intersected at proj locn of WD zone. 10cm VGQV intersected at WD2.

## ASSAY AVERAGES

FROM	TO	INT	TW	ZONE	AU OZ/T	AG OZ/T	SG
11.80	12.51	0.70	0.70	C	0.001	0.000	2.57
196.20	196.74	0.53	0.50	WDa	0.009	0.033	2.65
198.24	198.77	0.53	0.50	WDb	0.056	0.033	2.67
245.73	247.00	1.27	0.65	-	0.221	0.490	2.75
245.80	249.98	4.18	3.29	WD2	0.129	0.535	2.72
249.45	249.98	0.53	0.50	WD2	0.475	2.646	2.75

# Sample Results

HOLE-ID SND05417

FROM (m)	TO (m)	Sample Number	Int (m)	GEOL	Analysis		Fire Assay		Metallics Assay		Reduced Results	
					AU ppb	AG gm/t	AU oz/t	AG oz/t	AU oz/t	AG oz/t	AU oz/t	AG oz/t
9.87	10.37	417-2	0.50	Y2ST	0.0	0.0	0.013	0.029	0.000	0.000	0.013	0.000
10.58	11.08	417-1	0.50	Y3ST	0.0	0.0	0.010	0.029	0.000	0.000	0.010	0.000
11.37	11.67	417-3	0.30	Y2ST	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
11.81	12.51	417-4	0.70	Y3ST	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
13.92	14.22	417-5	0.30	Y3ST	0.0	0.0	0.003	0.029	0.000	0.000	0.003	0.000
48.74	49.03	417-6	0.30	Y1ST	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.000
51.44	51.74	417-7	0.30	Y2ST	0.0	0.0	0.003	0.029	0.000	0.000	0.003	0.000
53.75	54.45	417-8	0.70	Y3ST	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.000
55.37	55.97	417-9	0.60	Y2ST	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.000
56.19	56.78	417-10	0.60	Y3ST	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
56.19	56.79	417-11	0.60	DUPL	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
59.13	59.43	417-14	0.30	Y4ST	0.0	0.0	0.004	0.029	0.000	0.000	0.004	0.000
60.14	60.54	417-15	0.40	Y2ST	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
62.19	62.49	417-16	0.30	Y4ST	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
63.45	63.95	417-17	0.50	Y3QV	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
64.60	64.90	417-18	0.30	Y2ST	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
65.13	65.43	417-19	0.30	Y4ST	0.0	0.0	0.006	0.029	0.000	0.000	0.006	0.000
65.52	65.82	417-20	0.30	Y3ST	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
74.10	74.40	417-21	0.30	Y2QV	0.0	0.0	0.027	0.087	0.000	0.000	0.027	0.087
84.67	85.37	417-22	0.70	Y5ST	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.000
87.15	87.45	417-23	0.30	Y2ST	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
89.76	90.06	417-24	0.30	QV	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
93.18	93.47	417-25	0.30	Y2ST	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.000
94.01	94.41	417-26	0.40	Y1QV	0.0	0.0	0.058	0.087	0.000	0.000	0.058	0.087
124.15	124.45	417-29	0.30	Y1QV	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
126.26	126.57	417-30	0.30	Y2QV	0.0	0.0	0.076	0.233	0.000	0.000	0.076	0.233
126.27	126.57	417-31	0.30	DUPL	0.0	0.0	0.054	0.146	0.000	0.000	0.054	0.146
128.50	128.80	417-34	0.30	Y1ST	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.000
130.87	131.17	417-35	0.30	Y1ST	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
131.55	131.85	417-36	0.30	Y1ST	0.0	0.0	0.002	0.029	0.000	0.000	0.002	0.000
133.86	134.16	417-37	0.30	Y2GG	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
171.30	171.60	417-27	0.30	A4AD	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.000
195.43	196.43	417-38	1.00	K5GD	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.000
196.43	196.74	417-28	0.30	Y1GG	0.0	0.0	0.015	0.058	0.000	0.000	0.015	0.058
196.74	197.74	417-39	1.00	K2GD	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.000
198.47	198.77	417-40	0.30	Y2QV	0.0	0.0	0.100	0.058	0.000	0.000	0.100	0.058

# Sample Results

HOLE-ID SND05417

FROM (m)	TO (m)	Sample Number	Int (m)	GEOL	Analysis		Fire Assay		Metallics Assay		Reduced Results	
					AU ppb	AG gm/l	AU oz/t	AG oz/t	AU oz/t	AG oz/t	AU oz/t	AG oz/t
200.71	201.01	417-41	0.30	Y3GG	0.0	0.0	0.014	0.029	0.000	0.000	0.014	0.000
201.44	201.74	417-42	0.30	F3GD	0.0	0.0	0.004	0.029	0.000	0.000	0.004	0.000
213.18	213.48	417-43	0.30	Y1QV	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
215.69	215.99	417-44	0.30	OVV	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
233.95	234.25	417-45	0.30	F3GD	0.0	0.0	0.016	0.117	0.000	0.000	0.016	0.117
239.84	240.14	417-46	0.30	Y3QV	0.0	0.0	0.002	0.029	0.000	0.000	0.002	0.000
243.82	244.12	417-47	0.30	Y1ST	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
245.79	246.49	417-48	0.70	Y4QV	0.0	0.0	0.237	0.525	0.000	0.000	0.237	0.525
246.49	246.99	417-49	0.50	F3AV	0.0	0.0	0.016	0.058	0.000	0.000	0.016	0.058
247.86	248.16	417-50	0.30	Y4QV	0.0	0.0	0.000	0.000	0.146	0.350	0.146	0.350
248.78	249.08	417-52	0.30	Y3QV	0.0	0.0	0.025	0.087	0.000	0.000	0.025	0.087
249.08	249.68	417-55	0.60	F4GD	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
249.68	249.98	417-56	0.30	VGO	0.0	0.0	0.000	0.000	0.832	4.637	0.832	4.637
249.98	250.48	417-57	0.50	C2AV	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.000
254.55	254.85	417-58	0.30	Y3QV	0.0	0.0	0.011	0.029	0.000	0.000	0.011	0.000
263.86	264.46	417-59	0.60	Y4ST	0.0	0.0	0.004	0.029	0.000	0.000	0.004	0.000
275.76	276.06	417-60	0.30	Y1GG	0.0	0.0	0.006	0.029	0.000	0.000	0.006	0.000
285.60	285.90	417-61	0.30	F2GC	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.000

# Down Hole Survey Data

Hole Number *SND05417*

Core Size

Hole Depth

**DISTANCE    DIP    AZIMUTH    MAGDIP    TESLAS**

DISTANCE	DIP	AZIMUTH	MAGDIP	TESLAS
0	-77	0.0	0	0
22.25	-77	0.7	0	0
37.49	-77	2.5	0	0
52.73	-77	4.6	0	0
67.97	-77	2.4	0	0
83.21	-77	2.6	0	0
98.45	-77	3.8	0	0
113.69	-77	2.8	0	0
128.93	-77	5.4	0	0
144.17	-77	4.4	0	0
159.41	-77	6.3	0	0
174.65	-77	7.5	0	0
189.89	-77	8.0	0	0
205.13	-77	7.1	0	0
220.37	-77	8.6	0	0
235.61	-77	8.6	0	0
250.85	-78	9.6	0	0
266.09	-78	6.1	0	0
281.33	-78	5.2	0	0



# Diamond Drill Geology Record

HOLE NUMBER: **SND05417**

DATE: 7/18/2005

LOGGED BY **DM JM**

FROM (m)	TO (m)	MAIN ROCK	MINOR ROCK	STRUCT	ANGLE	ALT1	ALT1%	ALT2	ALT2%	ALT3	ALT3%	PV%	SULF1	SULF1%	SULF2	SULF2%	SULF3	SULF3%	GANGUE	GANGUE%	COMMENTS	
53.99	54.00		ST	ST	80		0		0		0	0		0		0		0		0		
54.13	54.43		K2Q		0		0		0		0	0		0		0		0		0		
54.23	54.23		Y3ST	ST	80		0		0		0	0		0		0		0		0		
54.28	54.28		Y2ST	ST	85		0		0		0	0		0		0		0		0		
54.38	54.38		ST	ST	80		0		0		0	0		0		0		0		0		
55.37	55.49		K2Q		0	SE	5		0		0	0		0		0		0		0		
55.42	55.43		ST	ST	85		0		0		0	0		0		0		0		0		
55.55	55.63		K2Q		0		0		0		0	0		0		0		0		0		
55.56	55.56		Y1ST	ST	85		0		0		0	0		0		0		0		0		
55.62	55.62		Y2ST	ST	85		0		0		0	0		0		0		0		0		
55.85	55.85		Y2ST	ST	75		0		0		0	0		0		0		0		0		
56.24	56.46		K2Q		0		0		0		0	0		0		0		0		0		
56.29	56.30		Y3ST	ST	85		0		0		0	0		0		0		0		0		
56.42	56.43		Y2ST	ST	75		0		0		0	0		0		0		0		0		
56.56	57.08		K2Q		0	SE	2		0		2	0		0		0		0		0		
56.65	56.65		Y2ST	ST	75		0		0		0	0		0		0		0		0		
57.08	63.50	PIQM			0		0		0		0	0		0		0		0		0		
57.64	57.70		K2Q		0		0		0		0	0		0		0		0		0		
57.68	57.68		Y2GG	FT	80		0		0		0	0		0		0		0		0		
57.83	59.87		K2Q		0		0		0		0	2		0		0		0		0		
58.38	58.43		K2Q		0		0		0		0	0		0		0		0		0		
58.72	58.78		K2Q		0		0		0		0	0		0		0		0		0		
58.84	58.91		K2Q		0		0		0		0	0		0		0		0		0		
59.22	59.34		K2Q		0		0		0		0	0		0		0		0		0		
59.29	59.30		Y4ST	ST	80		0		0		0	0		0		0		0		0		
60.17	60.32		K2Q		0		0		0		0	0		0		0		0		0		
60.43	60.49		K2Q		0		0		0		0	0		0		0		0		0		
60.45	60.45		Y2ST	ST	65		0		0		0	0		0		0		0		0		
60.60	60.67		K2Q		0		0		0		0	0		0		0		0		0		
62.19	62.51		K2Q		0		0		0		0	2		0		0		0		0		
62.31	62.31		Y3ST	ST	65		0		0		0	0		0		0		0		0		
62.34	62.34		Y4ST	ST	85		0		0		0	0		0		0		0		0		
62.62	62.62		Y2ST	ST	80		0		0		0	0		0		0		0		0		
63.27	63.31		K2Q		0		0		0		0	2		0		0		0		0		
63.47	63.50		Y1QV	Q	85		0		0		0	0		0		0		0		0		
63.50	64.98	K2QM			0		0		0		0	0		0		0		0		0		
63.71	63.72		Y3QV	Q	80		0		0		0	0		0		0		0		0		
63.92	63.94		Y1QV		0		0		0		0	0		0		0		0		0		
64.74	64.74		Y2ST	ST	60		0		0		0	0		0		0		0		0		
64.98	66.11	PIQM			0		0		0		0	0		0		0		0		0		
65.13	65.32		K2Q		0		0		0		0	0		0		0		0		0		
65.22	65.23		Y4ST	ST	65		0		0		0	0		0		0		0		0		
65.25	65.25		Y4ST	ST	60		0		0		0	0		0		0		0		0		
65.27	65.27		Y2ST	ST	70		0		0		0	0		0		0		0		0		
65.58	65.58		Y3ST	ST	70		0		0		0	0		0		0		0		0		
65.67	65.67		Y1ST	ST	85		0		0		0	0		0		0		0		0		
65.79	65.79		Y1ST	ST	80		0		0		0	0		0		0		0		0		
66.11	67.72	K2QM			0		0		0		0	0		0		0		0		0		
67.72	70.61	P2QM			0		0		0		0	0		0		0		0		0		
69.51	70.19		P3QM		0		0		0		0	0		0		0		0		0		
70.61	91.44	PIQM			0	SE	1		0		0	0		0		0		0		0		
72.48	72.48		Y3ST	ST	85		0		0		0	0		0		0		0		0		
72.61	72.62		Y3ST	ST	80		0		0		0	0		0		0		0		0		
72.77	72.78		Y1ST	ST	85		0		0		0	0		0		0		0		0		

# Diamond Drill Geology Record

HOLE NUMBER: **SND05417**

DATE: 7/18/2005

LOGGED BY **DM JM**

FROM (m)	TO (m)	MAIN ROCK	MINOR ROCK	STRUCT	ANGLE	ALT1	ALT1%	ALT2	ALT2%	ALT3	ALT3%	PV%	SULF1	SULF1%	SULF2	SULF2%	SULF3	SULF3%	GANGUE	GANGUE%	COMMENTS	
72.89	72.90		Y1ST	ST	80		0		0		0	0		0		0		0		0		
74.20	74.33		K2Q		0		0		0		0	0		0		0		0		0		
74.25	74.27		Y2QV	Q	70		0		0		0	0		0		0		0		0		
76.50	76.50		Y1ST	ST	80		0		0		0	0		0		0		0		0		
77.41	77.51		K2Q		0		0		0		0	1		0		0		0		0		
79.24	79.27		K2Q		0		0		0		0	5		0		0		0		0		
81.46	81.54		K2Q		0		0		0		0	0		0		0		0		0		
82.75	82.75		Y3ST	ST	80		0		0		0	0		0		0		0		0		
83.44	83.44		Y2ST	ST	80		0		0		0	0		0		0		0		0		
83.99	84.16		K2Q		0		0		0		0	0		0		0		0		0		
84.01	84.01		Y3ST	ST	65		0		0		0	0		0		0		0		0		
84.71	84.79		K2Q		0		0		0		0	0		0		0		0		0		
84.74	84.75		Y2ST	ST	80		0		0		0	0		0		0		0		0		
85.00	85.00		Y3ST	ST	80		0		0		0	0		0		0		0		0		
85.05	85.08		K2Q	C	75		0		0		0	5		0		0		0		0		
85.29	85.34		K2Q	C	70		0		0		0	0		0		0		0		0		
85.31	85.31		Y5ST	ST	70		0		0		0	0		0		0		0		0		
87.18	87.25		K2Q		0		0		0		0	0		0		0		0		0		
87.24	87.24		Y2ST	ST	80		0		0		0	0		0		0		0		0		
87.34	87.34		Y2ST	ST	90		0		0		0	0		0		0		0		0		
87.96	87.96		Y1ST	ST	80		0		0		0	0		0		0		0		0		
89.83	89.89		K2Q		0		0		0		0	0		0		0		0		0		
89.89	89.96		F2QM		0		0		0		0	0		0		0		0		0		
89.90	89.93		QV	Q	75		0		0		0	0		0		0		0		0		
91.44	107.72	<b>PIGD</b>			0		0		0		0	0		0		0		0		0		GRADATIONAL CONTACT WITH QM ABOVE. MAFIC RICH SECTION FROM 100.21-101.62
92.13	92.13		Y2ST	ST	70		0		0		0	0		0		0		0		0		
93.29	93.36		K2GD		0	SE	1		0		0	0		0		0		0		0		
93.32	93.32		Y2ST	ST	70		0		0		0	0		0		0		0		0		
94.06	94.39		K2GD		0		0		0		0	5		0		0		0		0		
94.11	94.11		Y2ST	ST	60		0		0		0	0		0		0		0		0		
94.28	94.32		Y1QV	Q	60		0		0		0	0	G	3	SL	1		0		0		
94.75	94.88		K2GD		0		0		0		0	0		0		0		0		0		
94.84	94.84		GGST	FT	70		0		0		0	0		0		0		0		0		
103.50	103.59		GG	FT	0		0		0		0	0		0		0		0		0		
103.67	103.71		GG	FT	0		0		0		0	0		0		0		0		0		
103.89	104.00		GG	FT	0		0		0		0	0		0		0		0		0		
104.08	104.55		GG	FT	0		0		0		0	0		0		0		0		0		
106.50	106.58		GG	FT	0		0		0		0	0		0		0		0		0		
107.72	115.42	<b>GD</b>			0		0		0		0	0		0		0		0		0		
114.15	114.15		CBST	ST	35		0		0		0	0		0		0		0		0		
114.69	114.97		AP	D	50		0		0		0	0		0		0		0		0		
115.42	136.91	<b>K1GD</b>			0		0		0		0	0		0		0		0		0		
116.29	118.94		K3GD		0	C	5		0		0	0		0		0		0		0		
121.99	122.49		K2GD		0	C	10		0		0	0		0		0		0		0		
124.23	124.23		Y1ST	ST	75	C	30		0		0	0		0		0		0		0		
124.32	124.33		Y1QV	Q	55		0		0		0	0		0		0		0		0		
126.29	126.35		GG	FT	75		0		0		0	0		0		0		0		0		
126.38	126.40		Y2QV	Q	80		0		0		0	0		0		0		0		0		
128.60	128.61		Y1ST	ST	80		0		0		0	0		0		0		0		0		
128.62	128.62		Y1ST	ST	85		0		0		0	0		0		0		0		0		
129.13	129.70		AP	D	35		0		0		0	0		0		0		0		0		
131.02	131.25		Y1ST	ST	80		0		0		0	0		0		0		0		0		
131.70	131.70		Y1ST	ST	90		0		0		0	0		0		0		0		0		
132.11	132.23		AP	D	60		0		0		0	0		0		0		0		0		





# Diamond Drill Geology Record

HOLE NUMBER: **SND05417**

DATE: 7/18/2005

LOGGED BY DM JM

FROM (m)	TO (m)	MAIN ROCK	MINOR ROCK	STRUCT	ANGLE	ALT1	ALT1%	ALT2	ALT2%	ALT3	ALT3%	PY%	SULF1	SULF1%	SULF2	SULF2%	SULF3	SULF3%	GANGUE	GANGUE%	COMMENTS	
196.64	196.71		Y1GG	FT	70		0		0		0	0		0		0		0		0		
196.88	202.67	K2GD			0	U	2		0		0	0		0		0		0		0		
198.53	198.59		F2GD		0		0		0		0	0		0		0		0		0		
198.55	198.56		Y2QV	Q	70		0		0		0	0		0		0		0		0		
199.75	199.77		F3GD	C	65		0		0		0	0		0		0		0		0		
200.81	200.85		Y3GG	FT	70		0		0		0	0		0		0		0		0		
200.98	200.99		F2GD		0		0		0		0	2		0		0		0		0		
201.58	201.63		F3GD	C	75		0		0		0	2		0		0		0		0		
202.42	202.43		Y2GG	FT	25		0		0		0	0		0		0		0		0		
202.67	203.70	K1GD			0		0		0		0	0		0		0		0		0		
203.70	205.16	K2GD			0	SE	5		0		0	0		0		0		0		0		
205.16	206.45	GD			0		0		0		0	0		0		0		0		0		HIGH PERCENTAGE OF MAFICS. LATH SHAPED PHENOS
206.45	208.71	AP		D	45		0		0		0	0		0		0		0		0		
208.71	210.15	GD			0		0		0		0	0		0		0		0		0		HIGH PERCENTAGE OF MAFICS. LATH SHAPED PHENOS
209.37	209.43		A3GD		0		0		0		0	0		0		0		0		0		
210.15	211.93	K3GD			0		0		0		0	0		0		0		0		0		
210.68	210.69		AP	D	50		0		0		0	0		0		0		0		0		
211.09	211.11		GG	FT	50		0		0		0	0		0		0		0		0		
211.91	211.92		AP	D	60		0		0		0	0		0		0		0		0		
211.93	231.75	K1GD			0	SE	2		0		0	0		0		0		0		0		
212.04	212.28		AP	D	25		0		0		0	0		0		0		0		0		
213.24	213.35		F3GD		0		0		0		0	0		0		0		0		0		
213.29	213.29		Y1QV	Q	45		0		0		0	0		0		0		0		0		
213.44	213.48		F2GD	C	45		0		0		0	0		0		0		0		0		
215.14	215.19		AP	D	50		0		0		0	0		0		0		0		0		
215.44	215.44		Y1GG	FT	60		0		0		0	0		0		0		0		0		
215.83	215.90		F2GD		0		0		0		0	0		0		0		0		0		
215.85	215.85		QV	V	50		0		0		0	0		0		0		0		0		
217.49	217.51		F2GD		0		0		0		0	0		0		0		0		0		
223.11	223.45		A2GD		0		0		0		0	0		0		0		0		0		
231.75	234.21	K3GD			0	SE	2		0		0	0		0		0		0		0		
233.16	233.18		F3GD		0		0		0		0	0		0		0		0		0		
233.48	233.52		F3GD		0		0		0		0	0		0		0		0		0		
234.04	234.21		F3GD		0		0		0		0	0		0		0		0		0		
234.14	234.14		Y1ST	ST	65		0		0		0	0		0		0		0		0		
234.21	239.20	K4GD			0		0		0		0	0		0		0		0		0		
238.57	238.60		F2GD		0		0		0		0	0		0		0		0		0		
238.63	238.63		Y4GG	FT	55		0		0		0	0		0		0		0		0		
239.20	242.37	K3GD			0		0		0		0	0		0		0		0		0		
239.98	240.05		F3GD		0		0		0		0	0		0		0		0		0		
240.02	240.03		Y3QV	Q	85		0		0		0	0		0		0		0		0		
242.37	245.71	K4GD			0		0		0		0	0		0		0		0		0		
242.70	242.74		F3GD		0		0		0		0	5		0		0		0		0		
243.27	243.29		F2GD	C	60		0		0		0	0		0		0		0		0		
243.29	243.57		AP	D	40		0		0		0	0		0		0		0		0		
243.61	243.65		AP	D	50		0		0		0	0		0		0		0		0		
243.95	243.99		F2GD		0		0		0		0	0		0		0		0		0		
243.98	243.98		Y1ST	ST	40		0		0		0	0		0		0		0		0		
244.57	244.73		F2GD		0	C	15		0		0	0		0		0		0		0		
244.71	244.71		Y2GG	FT	55		0		0		0	0		0		0		0		0		
245.43	245.44		Y3GG		0		0		0		0	0		0		0		0		0		
245.71	245.83	A3GD			0		0		0		0	0		0		0		0		0		
245.83	245.97	F3GD			0		0		0		0	0		0		0		0		0		
245.89	245.90		Y3QV	V	50		0		0		0	0		0		0		0		0		

# Diamond Drill Geology Record

HOLE NUMBER: **SND05417**

DATE: 7/18/2005

LOGGED BY DMJM

FROM (m)	TO (m)	MAIN ROCK	MINOR ROCK	STRUCT	ANGLE	ALT1	ALT1%	ALT2	ALT2%	ALT3	ALT3%	PY%	SULF1	SULF1%	SULF2	SULF2%	SULF3	SULF3%	GANGUE	GANGUE%	COMMENTS	
245.95	245.97		Y4QV	V	60		0		0		0	0		0		0		0		0		
245.97	246.16	A3GD			0		0		0		0	0		0		0		0		0		
246.11	246.16		GG	FT	60		0		0		0	0		0		0		0		0		
246.16	246.26	A4GD			0	C	10		0		0	0		0		0		0		0		
246.18	246.18		Y1ST	ST	40		0		0		0	0		0		0		0		0		
246.26	247.02	F3AV			0		0		0		0	0		0		0		0		0		
246.41	246.42		Y5QV	V	60		0		0		0	0		0		0		0		0		
247.02	247.77	C2AV			0		0		0		0	0		0		0		0		0		
247.46	247.47		AP	D	50		0		0		0	0		0		0		0		0		
247.77	247.98	F3AV			0		0		0		0	0		0		0		0		0		
247.98	248.01	Y4QV		Q	50		0		0		0	0	G	1	CP	1		0		0		
248.01	248.07	F4AV			0		0		0		0	0		0		0		0		0		
248.07	249.79	C2AV			0		0		0		0	0		0		0		0		0		
248.89	248.90		Y3QV	V	80		0		0		0	0		0		0		0		0		
248.98	248.99		Y3QV	V	65		0		0		0	0		0		0		0		0		
249.60	249.79		F4AV		0		0		0		0	0		0		0		0		0		
249.79	249.90	VGQV		V	70		0		0		0	0	G	2	CP	2		0		0		
249.90	249.94	F4AD			0		0		0		0	0		0		0		0		0		
249.94	256.73	C2AV			0		0		0		0	0		0		0		0		0		
254.68	254.71		Y3QV	V	80		0		0		0	0		0		0		0		0		
255.67	255.67		CBST	ST	40		0		0		0	0		0		0		0		0		
256.73	258.64	K3GD			0		0		0		0	0		0		0		0		0		
256.90	256.93		F2GD		0		0		0		0	8		0		0		0		0		
258.06	258.07		Y2ST	ST	85		0		0		0	0		0		0		0		0		
258.64	262.13	K2GD			0		0		0		0	0		0		0		0		0		XENOS EXHIBITING PORPHYRYTIC TEXTURE 5%
258.80	258.84		PG	D	50		0		0		0	0		0		0		0		0		
261.17	261.17		Y3ST	ST	90		0		0		0	0		0		0		0		0		
261.50	261.50		Y3ST	ST	35		0		0		0	0		0		0		0		0		
262.13	266.76	K3GD			0	SE	5		0		0	0		0		0		0		0		
263.88	263.88		Y2ST	ST	70		0		0		0	0		0		0		0		0		
264.15	264.16		Y3ST	ST	80		0		0		0	0		0		0		0		0		
264.40	264.41		Y4ST	ST	90		0		0		0	0		0		0		0		0		
266.48	266.75		B5GD		0		0		0		0	0		0		0		0		0		
266.76	271.02	C2AV			0		0		0		0	0		0		0		0		0		
267.87	267.88		CBST	ST	70		0		0		0	0		0		0		0		0		
269.29	269.85		K2GD		0		0		0		0	0		0		0		0		0		
271.02	273.63	K4GD			0		0		0		0	0		0		0		0		0		
273.63	274.08	C2AV		C	60		0		0		0	0		0		0		0		0		
274.08	275.32	K3GD		C	30		0		0		0	0		0		0		0		0		
275.32	276.06	C1AV			0		0		0		0	0		0		0		0		0		
275.86	276.06		Y1GG	FT	30		0		0		0	0		0		0		0		0		
276.06	278.35	K4GD			0		0		0		0	0		0		0		0		0		
278.35	278.53	S3GD			0		0		0		0	0		0		0		0		0		
278.53	285.39	K3GD			0		0		0		0	0		0		0		0		0		
281.11	285.11		Y2ST	ST	60		0		0		0	0		0		0		0		0		
283.90	283.90		Y1ST	ST	80		0		0		0	0		0		0		0		0		
283.93	283.94		Y1ST	ST	85		0		0		0	0		0		0		0		0		
284.98	284.99		Y1ST	ST	70		0		0		0	0		0		0		0		0		
285.39	286.40	F2GC		C	85		0		0		0	0		0		0		0		0		
286.40	288.04	GC			0		0		0		0	0		0		0		0		0		

# Almaden Minerals Diamond Drill Record

<b>PROPERTY:</b> Elk	<b>HOLE-ID:</b> SND05418	<b>DEPTH:</b> 322.17
<b>AREA:</b> WD	<b>EASTING:</b> 2445.28	<b>DATE START:</b> 7/22/2005
<b>CLAIM:</b> SNML	<b>NORTHING:</b> 3414.77	<b>DATE FINISH:</b> 7/27/2005
<b>SECTION:</b> 2445E	<b>ELEVATION:</b> 1634.23	<b>CONTRACTOR:</b> Leclerc Drilling Ltd 38
<b>CORE SIZE:</b> NQ	<b>RECOVERY:</b> 0.00	<b>RQD:</b> 0.00
<b>CORE STORED AT:</b> Elk Rack C Bay 30		<b>LOGGED BY:</b> DM JM

**COMMENTS** Hole drilled to test WD zones. 20cm GG intersected just above projected depth of WD. Series of 2 to 20cm Y2QV intersected at proj locn of WD zone. 10cm VGQV intersected at WD2.

## ASSAY AVERAGES

FROM	TO	INT	TW	ZONE	AU OZ/T	AG OZ/T	SG
8.74	19.58	10.84	9.78	B	0.011	0.014	2.69
9.56	10.08	0.52	0.50	A	0.167	0.083	2.65
9.78	19.58	9.80	8.77	B	0.012	0.015	2.69
18.91	19.58	0.67	0.60	B	0.028	0.115	2.79
29.75	30.49	0.74	0.50	C	0.017	0.024	2.61
281.05	281.56	0.51	0.50	-	0.159	0.293	2.67
286.06	287.96	1.90	1.52	WD	0.117	0.389	2.81
287.36	288.01	0.65	0.50	WD	0.200	0.572	2.86

# Sample Results

HOLE-ID SND05418

FROM (m)	TO (m)	Sample Number	Int (m)	GEOL	Analysis		Fire Assay		Metallics Assay		Reduced Results	
					AU ppb	AG gm/l	AU oz/t	AG oz/t	AU oz/t	AG oz/t	AU oz/t	AG oz/t
9.78	10.08	418-1	0.30	Y3OV	0.0	0.0	0.292	0.146	0.000	0.000	0.292	0.146
10.67	10.97	418-2	0.30	Y3ST	0.0	0.0	0.010	0.029	0.000	0.000	0.010	0.029
14.20	14.50	418-3	0.30	Y2GG	0.0	0.0	0.002	0.029	0.000	0.000	0.002	0.029
17.91	18.21	418-4	0.30	Y3ST	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.029
19.18	19.58	418-5	0.40	Y5GG	0.0	0.0	0.050	0.204	0.000	0.000	0.050	0.204
22.33	22.63	418-6	0.30	F3OM	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.029
24.33	24.63	418-7	0.30	F4OM	0.0	0.0	0.006	0.029	0.000	0.000	0.006	0.029
25.08	25.39	418-8	0.30	F3OM	0.0	0.0	0.009	0.029	0.000	0.000	0.009	0.029
25.98	26.38	418-9	0.40	F3OM	0.0	0.0	0.004	0.029	0.000	0.000	0.004	0.029
28.45	28.75	418-10	0.30	Y5ST	0.0	0.0	0.060	0.029	0.000	0.000	0.060	0.029
29.09	29.40	418-11	0.30	F3OM	0.0	0.0	0.008	0.029	0.000	0.000	0.008	0.029
29.10	29.40	418-12	0.30	DUPL	0.0	0.0	0.007	0.029	0.000	0.000	0.007	0.029
29.75	30.05	418-15	0.30	F3OM	0.0	0.0	0.002	0.029	0.000	0.000	0.002	0.029
30.13	30.43	418-16	0.30	Y2ST	0.0	0.0	0.031	0.029	0.000	0.000	0.031	0.029
34.02	34.42	418-17	0.40	Y2OV	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.029
37.56	37.86	418-18	0.30	Y2OV	0.0	0.0	0.010	0.029	0.000	0.000	0.010	0.029
39.74	40.04	418-19	0.30	Y3ST	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.029
43.44	43.74	418-20	0.30	Y4ST	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.029
94.14	94.54	418-21	0.40	Y3ST	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.029
102.13	102.83	418-24	0.70	Y1ST	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.029
104.01	104.51	418-22	0.50	Y4ST	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.029
111.56	112.16	418-23	0.60	Y3ST	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.029
131.74	132.04	418-25	0.30	Y4ST	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.029
132.38	133.28	418-26	0.90	Y1QV	0.0	0.0	0.003	0.029	0.000	0.000	0.003	0.029
159.63	159.93	418-27	0.30	Y3ST	0.0	0.0	0.002	0.029	0.000	0.000	0.002	0.029
162.60	162.90	418-28	0.30	Y3QV	0.0	0.0	0.045	0.029	0.000	0.000	0.045	0.029
169.87	170.27	418-29	0.40	QV	0.0	0.0	0.002	0.029	0.000	0.000	0.002	0.029
192.63	192.93	418-30	0.30	Y4ST	0.0	0.0	0.009	0.029	0.000	0.000	0.009	0.029
257.26	257.56	418-32	0.30	DUPL	0.0	0.0	0.081	0.204	0.000	0.000	0.081	0.204
281.05	281.35	418-35	0.30	Y3OV	0.0	0.0	0.270	0.496	0.000	0.000	0.270	0.496
281.53	281.83	418-36	0.30	Y2OV	0.0	0.0	0.022	0.058	0.000	0.000	0.022	0.058
282.76	283.06	418-37	0.30	F5AV	0.0	0.0	0.041	0.029	0.000	0.000	0.041	0.029
285.06	285.56	418-38	0.50	Y2OV	0.0	0.0	0.048	0.350	0.000	0.000	0.048	0.350
285.56	286.06	418-39	0.50	A3AV	0.0	0.0	0.003	0.029	0.000	0.000	0.003	0.029
286.06	286.36	418-40	0.30	Y3OV	0.0	0.0	0.189	0.729	0.000	0.000	0.189	0.729
286.36	287.06	418-41	0.70	F5AV	0.0	0.0	0.052	0.204	0.000	0.000	0.052	0.204

# Sample Results

HOLE-ID SND05418

FROM (m)	TO (m)	Sample Number	Int (m)	GEOL	Analysis		Fire Assay		Metallics Assay		Reduced Results	
					AU ppb	AG gm/l	AU oz/t	AG oz/t	AU oz/t	AG oz/t	AU oz/t	AG oz/t
287.06	287.36	418-42	0.30	Y1OV	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.029
287.36	287.96	418-43	0.60	Y2QV	0.0	0.0	0.214	0.612	0.000	0.000	0.214	0.612
287.96	288.46	418-44	0.50	Y1OV	0.0	0.0	0.036	0.117	0.000	0.000	0.036	0.117
288.46	288.96	418-45	0.50	Y4ST	0.0	0.0	0.043	0.117	0.000	0.000	0.043	0.117
288.96	289.26	418-46	0.30	Y5OV	0.0	0.0	0.030	0.117	0.000	0.000	0.030	0.117
289.26	289.86	418-47	0.60	A4AV	0.0	0.0	0.002	0.029	0.000	0.000	0.002	0.029
289.86	290.36	418-48	0.50	Y1GG	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.029
292.39	292.79	418-49	0.40	Y3ST	0.0	0.0	0.248	0.292	0.000	0.000	0.248	0.292
293.68	294.28	418-50	0.60	Y3GG	0.0	0.0	0.017	0.058	0.000	0.000	0.017	0.058
305.99	306.29	418-52	0.30	OV	0.0	0.0	0.008	0.029	0.000	0.000	0.008	0.029
307.67	308.47	418-55	0.80	HG	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.029
308.70	309.50	418-56	0.80	HG	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.029

# Down Hole Survey Data

Hole Number *SND05418*

Core Size

Hole Depth

DISTANCE    DIP    AZIMUTH    MAGDIP    TESLAS

DISTANCE	DIP	AZIMUTH	MAGDIP	TESLAS
0	-75	0.0	0	0
10.67	-76	3.0	0	0
25.91	-77	3.7	0	0
41.15	-76	4.2	0	0
56.39	-76	5.3	0	0
71.63	-77	3.4	0	0
86.87	-77	5.3	0	0
102.11	-77	6.1	0	0
117.35	-76	5.5	0	0
132.59	-77	6.6	0	0
147.83	-76	7.3	0	0
163.07	-77	7.0	0	0
178.31	-76	5.6	0	0
193.55	-77	6.2	0	0
208.79	-77	6.8	0	0
224.03	-77	7.3	0	0
239.27	-77	8.6	0	0
254.51	-77	8.6	0	0
269.75	-77	9.2	0	0
284.99	-76	7.8	0	0
300.23	-77	7.2	0	0
315.47	-76	8.5	0	0



# Diamond Drill Geology Record

HOLE NUMBER: **SND05418**

DATE: 7/22/2005

LOGGED BY **DM JM**

FROM (m)	TO (m)	MAIN ROCK	MINOR ROCK	STRUCT	ANGLE	ALTI	ALTI%	ALTI2	ALTI2%	ALTI3	ALTI3%	PV%	SULF1	SULF1%	SULF2	SULF2%	SULF3	SULF3%	GANGUE	GANGUE%	COMMENTS	
32.27	33.15	F2QM			0	C	10		0		0	0		0		0		0		0		
33.08	33.11		GG	FT	80		0		0		0	0		0		0		0		0		
33.15	34.27	P3QM			0		0		0		0	0		0		0		0		0		
33.79	33.87		K2Q		0		0		0		0	0		0		0		0		0		
34.02	34.27		F3QM		0		0		0		0	0		0		0		0		0		
34.27	34.29	Y2QV		V	75		0		0		0	0		0		0		0		0		
34.29	42.03	P3QM			0		0		0		0	0		0		0		0		0		
34.34	34.42		F2QM		0	C	10		0		0	0		0		0		0		0		
35.12	35.36		F2QM		0	C	10		0		0	0		0		0		0		0		
35.50	35.59		F2QM		0	C	10		0		0	0		0		0		0		0		
35.92	35.92		Y3ST	ST	85		0		0		0	0		0		0		0		0		
36.00	36.02		Y2ST	ST	75		0		0		0	0		0		0		0		0		
36.14	36.18		F2QM		0	C	10		0		0	0		0		0		0		0		
37.40	37.47		F2QM		0	C	15		0		0	0		0		0		0		0		
37.60	37.86		F2QM		0	C	15		0		0	0		0		0		0		0		
37.70	37.72		Y2QV	V	75		0		0		0	0		0		0		0		0		
38.17	38.26		F3QM		0	K	10		0		0	0		0		0		0		0		
39.52	39.61		F2QM		0	K	10		0		0	0		0		0		0		0		
39.75	39.78		F2QM		0		0		0		0	0		0		0		0		0		
39.96	40.02		F2QM		0		0		0		0	0		0		0		0		0		
39.99	39.99		Y3ST	ST	80		0		0		0	0		0		0		0		0		
40.33	40.40		F2QM		0		0		0		0	0		0		0		0		0		
41.73	41.81		K2Q		0		0		0		0	0		0		0		0		0		
41.79	41.79		ST	ST	75		0		0		0	0		0		0		0		0		
42.03	49.30	P4QM			0		0		0		0	0		0		0		0		0		
43.63	43.63		Y4ST	ST	70		0		0		0	0		0		0		0		0		
44.08	44.09		Y1ST	ST	75		0		0		0	0		0		0		0		0		
49.30	49.60	P3QM			0		0		0		0	0		0		0		0		0		
49.60	73.70	P2QM			0		0		0		0	0		0		0		0		0		
56.82	57.04		F1QM		0		0		0		0	0		0		0		0		0		
57.02	57.02		ST	ST	75		0		0		0	0		0		0		0		0		
57.92	57.93		Y2ST	ST	80		0		0		0	0		0		0		0		0		
61.45	61.59		F1QM		0		0		0		0	0		0		0		0		0		
61.93	61.97		F2QM		0		0		0		0	0		0		0		0		0		
63.67	63.73		F2QM		0		0		0		0	0		0		0		0		0		
67.00	67.12		F1QM		0	K	10		0		0	0		0		0		0		0		
67.08	67.09		ST	ST	90		0		0		0	0		0		0		0		0		
68.07	68.07		Y3ST	ST	75		0		0		0	0		0		0		0		0		
69.39	69.44		F1QM		0		0		0		0	0		0		0		0		0		
70.22	70.22		Y3ST	ST	85		0		0		0	0		0		0		0		0		
70.86	70.88		K2Q		0		0		0		0	0		0		0		0		0		
72.44	72.47		K3Q		0	SE	5		0		0	0		0		0		0		0		
73.70	89.40	QM			0		0		0		0	0		0		0		0		0		
74.97	75.00		K3Q		0	SE	5		0		0	0		0		0		0		0		
75.68	75.70		K3Q		0		0		0		0	0		0		0		0		0		
77.25	77.25		Y4ST	ST	65		0		0		0	0		0		0		0		0		
82.94	82.95		Y2ST	ST	70		0		0		0	0		0		0		0		0		
84.78	84.78		Y3ST	ST	80		0		0		0	0		0		0		0		0		
86.31	86.57		F1QM		0	K	5		0		0	0		0		0		0		0		
86.32	86.33		Y2ST	ST	75		0		0		0	0		0		0		0		0		
86.56	86.56		Y2ST	ST	80		0		0		0	0		0		0		0		0		
89.40	90.40	PIQM			0		0		0		0	0		0		0		0		0		
90.21	90.39		F2QM		0	K	10		0		0	0		0		0		0		0		
90.29	90.29		Y2ST	ST	85		0		0		0	0		0		0		0		0		





# Diamond Drill Geology Record

HOLE NUMBER: **SND05418**

DATE: 7/22/2005

LOGGED BY **DM JM**

FROM (m)	TO (m)	MAIN ROCK	MINOR ROCK	STRUCT	ANGLE	ALT1	ALT1%	ALT2	ALT2%	ALT3	ALT3%	PV%	SULF1	SULF1%	SULF2	SULF2%	SULF3	SULF3%	GANQUE	GANQUE%	COMMENTS	
121.39	121.43		K3Q		0	F	5		0		0	0		0		0		0		0		
123.53	123.99		K2Q		0	P	15		0		0	0		0		0		0		0		
124.45	124.72		K3Q		0		0		0		0	0		0		0		0		0		
124.50	124.51		F2QM		0		0		0		0	0		0		0		0		0		
125.53	125.68		K2Q		0	C	15		0		0	0		0		0		0		0		
125.64	125.65		ST	ST	70		0		0		0	0		0		0		0		0		
126.06	126.21		K3Q		0		0		0		0	0		0		0		0		0		
126.14	126.15		ST	ST	80		0		0		0	0		0		0		0		0		
127.29	127.45		F3QM		0	K	15	C	10		0	0		0		0		0		0		
127.54	127.67		F3QM		0	K	15		0		0	0		0		0		0		0		
128.05	128.10		F3QM		0	K	15		0		0	0		0		0		0		0		
130.62	130.70		F2QM		0	K	20		0		0	0		0		0		0		0		
131.57	133.38	K3QM			0	P	5	SE	1		0	0		0		0		0		0		
131.86	131.87		Y4ST	ST	75		0		0		0	0		0		0		0		0		
132.40	132.40		Y3ST	ST	75		0		0		0	0		0		0		0		0		
132.49	132.54		F2QM		0	K	10	C	5		0	0		0		0		0		0		
132.54	132.61		AD	D	60		0		0		0	0		0		0		0		0		
132.61	132.63		Y1QV	V	60		0		0		0	0		0		0		0		0		
133.05	133.22		F3QM		0	C	10	K	10		0	0		0		0		0		0		
133.35	133.38		GG	FT	85		0		0		0	0		0		0		0		0		
133.38	138.94	P2QM			0		0		0		0	0		0		0		0		0		
133.83	134.04		P2QM		0	K	10		0		0	0		0		0		0		0		
136.95	137.02		K3Q		0		0		0		0	0		0		0		0		0		
136.99	137.00		Y1ST	ST	75		0		0		0	0		0		0		0		0		
138.94	139.82	K3QM			0		0		0		0	0		0		0		0		0		
139.82	141.93	P2QM			0		0		0		0	0		0		0		0		0		
140.83	140.90		K2Q		0		0		0		0	0		0		0		0		0		
140.87	140.87		Y2ST	ST	65		0		0		0	0		0		0		0		0		
141.27	141.32		K3Q		0		0		0		0	0		0		0		0		0		
141.93	145.52	K2QM			0	P	10		0		0	0		0		0		0		0		
142.09	142.09		Y5ST	ST	60		0		0		0	0		0		0		0		0		
145.52	147.88	P2QM			0		0		0		0	0		0		0		0		0		
145.98	146.16		K3Q		0	C	10		0		0	0		0		0		0		0		
146.49	147.17		K3Q		0	P	15	SE	2		0	0		0		0		0		0		
147.88	150.74	K3QM			0	P	5		0		0	0		0		0		0		0		
150.65	160.71		GG	FT	75		0		0		0	0		0		0		0		0		
150.74	151.18	K1QM			0	P	5		0		0	0		0		0		0		0		
151.18	154.08	P1QM			0		0		0		0	0		0		0		0		0		
154.08	157.28	K1QM			0		0		0		0	0		0		0		0		0		
156.08	156.12		F2QM		0		0		0		0	0		0		0		0		0		
157.28	158.71	QM			0		0		0		0	0		0		0		0		0		
157.87	157.95		K3Q		0		0		0		0	0		0		0		0		0		
157.91	157.92		Y2GG	FT	70		0		0		0	0		0		0		0		0		
158.09	158.13		K3Q		0		0		0		0	0		0		0		0		0		
158.71	159.43	K2QM			0		0		0		0	0		0		0		0		0		
159.43	161.59	QM			0		0		0		0	0		0		0		0		0		
159.70	159.82		F3QM		0	K	10		0		0	0		0		0		0		0		
159.77	159.77		Y3ST	ST	70		0		0		0	0		0		0		0		0		
160.05	160.12		F2QM		0	K	15		0		0	0		0		0		0		0		
161.59	163.37	K2QM			0		0		0		0	0		0		0		0		0		
162.64	162.72		K4Q		0		0		0		0	0		0		0		0		0		
162.72	162.74		Y3QV	V	55		0		0		0	0		0		0		0		0		
162.74	162.76		F4QM		0		0		0		0	0		0		0		0		0		
162.76	162.98		K3Q		0		0		0		0	0		0		0		0		0		

# Diamond Drill Geology Record

HOLE NUMBER: **SND05418**

DATE: 7/22/2005

LOGGED BY **DM JM**

FROM (m)	TO (m)	MAIN ROCK	MINOR ROCK	STRUCT	ANGLE	ALT1	ALT1%	ALT2	ALT2%	ALT3	ALT3%	PV%	SULF1	SULF1%	SULF2	SULF2%	SULF3	SULF3%	GANQUE	GANQUE%	COMMENTS	
163.37	164.98	K1QM			0		0		0		0	0		0		0		0		0		
164.71	164.71		ST		60		0		0		0	0		0		0		0		0		
164.82	164.98		F2QM		0	K	20		0		0	0		0		0		0		0		
164.90	164.90		Y3ST		60		0		0		0	0		0		0		0		0		
164.98	169.66	P1QM			0		0		0		0	0		0		0		0		0		
165.59	165.90		F2QM		0	K	15		0		0	0		0		0		0		0		
166.12	166.15		F2QM		0	K	15		0		0	0		0		0		0		0		
167.02	167.10		K3Q		0		0		0		0	0		0		0		0		0		
167.05	167.05		ST		65		0		0		0	0		0		0		0		0		
167.33	167.53		F3QM		0	K	20		0		0	0		0		0		0		0		
167.77	167.87		F2QM		0	K	20		0		0	0		0		0		0		0		
168.28	168.32		F2QM		0	K	20		0		0	0		0		0		0		0		
169.05	169.07		K3Q		0		0		0		0	0		0		0		0		0		
169.19	169.43		K3Q		0	C	5		0		0	0		0		0		0		0		
169.66	173.37	P1GD			0		0		0		0	0		0		0		0		0		GRADATIONAL CONTACT WITH QM
169.93	170.04		F2GD		0	C	10	K	5		0	0		0		0		0		0		
169.99	169.99		QV		85		0		0		0	0		0		0		0		0		
170.11	170.15		F2GD		0	K	5	C	5		0	0		0		0		0		0		
170.24	170.25		Y5ST		80		0		0		0	0		0		0		0		0		
170.90	171.10		F2GD		0	C	5	K	5		0	0		0		0		0		0		
173.30	173.37		F3GD		0		0		0		0	0		0		0		0		0		
173.37	191.71	GD			0		0		0		0	0		0		0		0		0		
175.07	175.19		A4GD		0		0		0		0	0		0		0		0		0		
175.11	175.15		Y2GG		70		0		0		0	0		0		0		0		0		
176.27	176.55		A4GD		0		0		0		0	0		0		0		0		0		
176.29	176.37		F2GD		0	K	10	C	10		0	0		0		0		0		0		
176.45	176.52		F5GD		0		0		0		0	0		0		0		0		0		
176.49	176.49		Y3ST		70		0		0		0	0		0		0		0		0		
178.46	178.57		K2GD		0	C	5		0		0	0		0		0		0		0		
179.01	179.09		F1GD		0	C	10		0		0	0		0		0		0		0		
179.71	179.78		F2GD		0		0		0		0	0		0		0		0		0		
179.75	179.75		Y1ST		60		0		0		0	0		0		0		0		0		
180.01	180.10		F2GD		0	K	10		0		0	0		0		0		0		0		
184.59	185.00		K4GD		0		0		0		0	0		0		0		0		0		
186.56	186.65		F3GD		0	C	10		0		0	0		0		0		0		0		
187.82	187.88		A2GD		0		0		0		0	0		0		0		0		0		
187.84	187.86		F2GD		0		0		0		0	0		0		0		0		0		
187.85	187.85		CBST		70		0		0		0	0		0		0		0		0		
188.52	188.54		F1GD		0		0		0		0	0		0		0		0		0		
191.71	192.71	K1GD			0	C	5		0		0	0		0		0		0		0		
192.71	192.87	AP		D	80		0		0		0	0		0		0		0		0		
192.77	192.78		Y4ST		90		0		0		0	0		0		0		0		0		
192.87	197.11	GD			0		0		0		0	0		0		0		0		0		
193.13	193.15		F3GD		0		0		0		0	0		0		0		0		0		
193.15	193.31		P1GD		0	C	2		0		0	0		0		0		0		0		
195.79	196.13		K3GD		0		0		0		0	0		0		0		0		0		
195.98	195.99		GG		65		0		0		0	0		0		0		0		0		
196.13	196.71		K1GD		0		0		0		0	0		0		0		0		0		
196.71	196.79		K4GD		0		0		0		0	0		0		0		0		0		
196.79	197.11		K5GD		0		0		0		0	0		0		0		0		0		
196.96	197.00		F3GD		0		0		0		0	0		0		0		0		0		
197.11	212.15	K2GD			0		0		0		0	0		0		0		0		0		
197.38	197.38		CBST		35		0		0		0	0		0		0		0		0	FL	5
199.51	199.51		CBST		20		0		0		0	0		0		0		0		0		

# Diamond Drill Geology Record

HOLE NUMBER: **SND05418**

DATE: 7/22/2005

LOGGED BY DM JM

FROM (m)	TO (m)	MAIN ROCK	MINOR ROCK	STRUCT	ANGLE	ALT1	ALT1%	ALT2	ALT2%	ALT3	ALT3%	PV%	SULF1	SULF1%	SULF2	SULF2%	SULF3	SULF3%	GANQUE	GANQUE%	COMMENTS	
201.06	201.06		CBST	ST	20		0		0		0	0		0		0		0	FL	5		
204.55	204.56		GG	FT	20		0		0		0	0		0		0		0			0	
207.69	207.69		CBST	ST	65		0		0		0	0		0		0		0			0	
207.72	207.81		F3GD		0		0		0		0	0		0		0		0			0	
207.74	207.78		Y1GG	FT	65		0		0		0	0		0		0		0			0	
209.38	209.38		CBST	ST	70		0		0		0	0		0		0		0		FL	2	
209.71	209.71		GG	FT	0		0		0		0	0		0		0		0			0	
212.15	215.04	K3GD			0		0		0		0	0		0		0		0			0	
212.39	212.39		CBST	ST	10		0		0		0	0		0		0		0			0	
212.83	212.83		CBST	ST	30		0		0		0	0		0		0		0		FL	5	
213.65	213.65		CBST	ST	5		0		0		0	0		0		0		0		FL	8	
215.04	215.70	GD			0		0		0		0	0		0		0		0			0	
215.70	218.28	K2GD			0	C	20		0		0	0		0		0		0			0	
216.37	216.45		AP	D	50		0		0		0	0		0		0		0			0	
218.28	220.78	K2GD			0	C	10		0		0	0		0		0		0			0	
220.78	221.60	AP		D	60		0		0		0	0		0		0		0			0	
221.14	221.20		GG	FT	75		0		0		0	0		0		0		0			0	
221.60	228.02	K2GD			0		0		0		0	0		0		0		0			0	
226.77	226.78		PG	D	40		0		0		0	0		0		0		0			0	
226.96	226.98		PG	D	10		0		0		0	0		0		0		0			0	
228.02	229.29	AP		D	60		0		0		0	0		0		0		0			0	
228.88	229.21		GG	FT	90		0		0		0	0		0		0		0			0	
229.29	235.12	K2GD			0	C	20		0		0	0		0		0		0			0	
235.12	238.33	K4GD			0	C	10		0		0	0		0		0		0			0	
236.52	236.72		GG	FT	60		0		0		0	0		0		0		0			0	
236.76	236.78		GG	FT	15		0		0		0	0		0		0		0			0	
238.33	241.44	K3GD			0	C	20		0		0	0		0		0		0			0	
239.44	239.47		GG	FT	0		0		0		0	0		0		0		0			0	
239.51	239.57		GG	FT	50		0		0		0	0		0		0		0			0	
241.44	242.57	AD		D	60		0		0		0	0		0		0		0			0	
242.57	247.21	K3GD			0	C	30		0		0	0		0		0		0			0	
242.57	243.12		GG	FT	70		0		0		0	0		0		0		0			0	
244.87	244.95		GG	FT	0		0		0		0	0		0		0		0			0	
245.05	245.54		AD	D	60		0		0		0	0		0		0		0			0	
247.21	255.01	K3GD			0	C	10	C	5		0	0		0		0		0			0	
248.15	248.15		Y1ST	ST	10		0		0		0	0		0		0		0			0	
250.57	250.68		AP	D	85		0		0		0	0		0		0		0			0	
251.48	251.56		AP	D	50		0		0		0	0		0		0		0			0	
252.53	252.59		F2GD		0		0		0		0	0		0		0		0			0	
253.10	253.12		F2GD		0		0		0		0	0		0		0		0			0	
253.13	253.20		AP	D	70		0		0		0	0		0		0		0			0	
254.06	254.09		Y1GG	FT	55		0		0		0	0		0		0		0			0	
255.01	258.28	A4GD			0	K	5		0		0	0		0		0		0			0	
255.10	255.26		GG	FT	60		0		0		0	0		0		0		0			0	
255.62	255.65		F2GD		0		0		0		0	0		0		0		0			0	
256.89	256.95		F2GD		0		0		0		0	0		0		0		0			0	
257.35	257.36		F4GD		0		0		0		0	0		0		0		0			0	
257.43	257.48		F2GD		0		0		0		0	0		0		0		0			0	
257.71	257.94		AD	D	50		0		0		0	0		0		0		0			0	
258.12	258.28		AD	D	50		0		0		0	0		0		0		0			0	
258.28	281.05	K4GD			0		0		0		0	0		0		0		0			0	
258.65	258.65		Y1ST	ST	80		0		0		0	0		0		0		0			0	
261.69	261.69		Y1GG	FT	60		0		0		0	0		0		0		0			0	
264.82	264.83		Y2ST	ST	40		0		0		0	0		0		0		0			0	

HIGHLY ALTERED WITH INNUMERABLE PERSASIVE GOUGES



# Diamond Drill Geology Record

HOLE NUMBER: **SND05418**

DATE: 7/22/2005

LOGGED BY DM JM

FROM (m)	TO (m)	MAIN ROCK	MINOR ROCK	STRUCT	ANGLE	ALT1	ALT1%	ALT2	ALT2%	ALT3	ALT3%	PY%	SULF1	SULF1%	SULF2	SULF2%	SULF3	SULF3%	GANGUE	GANGUE%	COMMENTS	
294.56	295.09	K2GD			0		0		0		0	0		0		0		0		0		
294.62	294.63		ST	ST	25		0		0		0	0		0		0		0		0		
295.09	302.38	AV		C	35		0		0		0	0		0		0		0		0		
296.51	296.63		GG	FT	90		0		0		0	0		0		0		0		0		
297.46	297.54		GG	FT	40		0		0		0	0		0		0		0		0		
298.48	298.54		GG	FT	35		0		0		0	0		0		0		0		0		
299.51	299.81		HG	FT	0		0		0		0	0		0		0		0		0		AV CLASTS IN AN UNLITHIFIED CLAY MATRIX
300.59	301.31		HG	FT	25		0		0		0	0		0		0		0		0		AV CLASTS IN AN UNLITHIFIED CLAY MATRIX
302.38	303.95	PG			0		0		0		0	0		0		0		0		0		
302.93	303.08		A1AV		0		0		0		0	0		0		0		0		0		
303.95	304.50	P2AV			0	K	5		0		0	0		0		0		0		0		
304.50	305.40	AP		D	0		0		0		0	0		0		0		0		0		
305.40	307.07	P4AV			0		0		0		0	0		0		0		0		0		
306.16	306.17		QV	V	20		0		0		0	0		0		0		0		0		
307.07	307.40	K4AV			0	P	15		0		0	0		0		0		0		0		
307.40	307.67	P4AV			0		0		0		0	0		0		0		0		0		
307.67	308.32	HG		FT	5		0		0		0	0		0		0		0		0		QTZ AND ?PEGMATITIC CLASTS IN A SILICIFIED MATRIX
308.32	308.54	PG		D	5		0		0		0	0		0		0		0		0		
308.54	308.70	AV			0		0		0		0	0		0		0		0		0		
308.70	309.50	HG		FT	10		0		0		0	0		0		0		0		0		QTZ CLASTS IN SILICIFIED YELLOW COLOURED MATRIX
309.50	311.41	K4GD			0		0		0		0	0		0		0		0		0		
311.41	322.17	K2AV			0		0		0		0	0		0		0		0		0		
313.68	314.40		AP	D	60		0		0		0	0		0		0		0		0		
317.71	317.76		AP	D	40		0		0		0	0		0		0		0		0		
318.47	318.61		AP	D	55		0		0		0	0		0		0		0		0		
321.85	321.85		ST	ST	70		0		0		0	0	M	100		0		0		0		

# Almaden Minerals Diamond Drill Record

**PROPERTY:** Elk **HOLE-ID:** SND05419 **DEPTH:** 291.69  
**AREA:** WD **EASTING:** 2444.95 **DATE START:** 7/28/2005  
**CLAIM:** SNML **NORTHING:** 3456.42 **DATE FINISH:** 8/07/2005  
**SECTION:** 2445E **ELEVATION:** 1636.47 **CONTRACTOR:** Leclerc Drilling Ltd 38  
**CORE SIZE:** NQ **RECOVERY:** 0.00 **RQD:** 0.00 **CORE STORED AT:** Elk Rack C Bay 30 **LOGGED BY:** DM JM

**COMMENTS** Hole drilled to test WD zones. 2cm GG intersected at the projected depth of WDa. 15cm pyritic quartz vein was intersected at proj locn of WDb zone.

## ASSAY AVERAGES

FROM	TO	INT	TW	ZONE	AU OZ/T	AG OZ/T	SG
9.60	26.55	16.95	16.75	X	0.011	0.018	2.68
26.25	26.76	0.51	0.50	X	0.317	0.360	2.60
211.53	212.10	0.57	0.50	WDa	0.232	0.422	2.69
222.36	223.66	1.30	1.18	WDb	0.183	1.063	2.81

# Sample Results

HOLE-ID SND05419

FROM (m)	TO (m)	Sample Number	Int (m)	GEOL	Analysis		Fire Assay		Metallics Assay		Reduced Results	
					AU ppb	AG gm/t	AU oz/t	AG oz/t	AU oz/t	AG oz/t	AU oz/t	AG oz/t
8.54	8.84	419-1	0.30	Y1ST	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.029
9.60	9.90	419-2	0.30	Y3ST	0.0	0.0	0.004	0.029	0.000	0.000	0.004	0.029
12.37	12.77	419-3	0.40	Y2QV	0.0	0.0	0.006	0.029	0.000	0.000	0.006	0.029
15.95	16.25	419-4	0.30	OV	0.0	0.0	0.010	0.029	0.000	0.000	0.010	0.029
18.35	19.05	419-5	0.70	Y2ST	0.0	0.0	0.032	0.117	0.000	0.000	0.032	0.117
25.25	26.25	419-6	1.00	K2O	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.029
26.25	26.55	419-7	0.30	VGO	0.0	0.0	0.000	0.000	0.529	0.583	0.529	0.583
26.55	27.55	419-8	1.00	K2O	0.0	0.0	0.003	0.029	0.000	0.000	0.003	0.029
27.78	28.08	419-9	0.30	Y2QV	0.0	0.0	0.015	0.029	0.000	0.000	0.015	0.029
28.42	28.73	419-10	0.30	Y2QV	0.0	0.0	0.004	0.029	0.000	0.000	0.004	0.029
31.90	32.20	419-11	0.30	Y2ST	0.0	0.0	0.008	0.029	0.000	0.000	0.008	0.029
32.96	33.26	419-12	0.30	OV	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.029
72.35	72.65	419-13	0.30	ST	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.029
73.42	73.82	419-14	0.40	QV	0.0	0.0	0.008	0.029	0.000	0.000	0.008	0.029
80.41	80.91	419-16	0.50	DUPL	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.029
83.18	83.49	419-19	0.30	Y1QV	0.0	0.0	0.010	0.087	0.000	0.000	0.010	0.087
85.05	85.35	419-20	0.30	F2QM	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.029
86.28	86.68	419-21	0.40	QV	0.0	0.0	0.006	0.029	0.000	0.000	0.006	0.029
86.92	87.61	419-22	0.70	Y2QV	0.0	0.0	0.035	0.175	0.000	0.000	0.035	0.175
88.58	88.89	419-23	0.30	Y1QV	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.029
89.46	89.76	419-24	0.30	Y1QV	0.0	0.0	0.006	0.117	0.000	0.000	0.006	0.117
96.30	96.90	419-25	0.60	F2QM	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.029
97.13	97.43	419-26	0.30	F2QM	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.029
132.74	133.24	419-27	0.50	Y3ST	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.029
133.77	134.17	419-28	0.40	Y1GG	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.029
136.09	136.38	419-29	0.30	Y2HG	0.0	0.0	0.015	0.029	0.000	0.000	0.015	0.029
142.27	142.57	419-30	0.30	Y3ST	0.0	0.0	0.030	0.058	0.000	0.000	0.030	0.058
167.04	167.34	419-31	0.30	F3GD	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.029
207.63	207.93	419-32	0.30	Y5ST	0.0	0.0	0.021	0.029	0.000	0.000	0.021	0.029
210.79	211.10	419-44	0.30	Y2ST	0.0	0.0	0.022	0.029	0.000	0.000	0.022	0.029
210.80	211.10	419-33	0.30	Y2ST	0.0	0.0	0.005	0.029	0.000	0.000	0.005	0.029
211.80	212.10	419-34	0.30	Y2ST	0.0	0.0	0.400	0.729	0.000	0.000	0.400	0.729
213.36	213.66	419-36	0.30	DUPL	0.0	0.0	0.002	0.029	0.000	0.000	0.002	0.029
216.13	216.63	419-39	0.50	Y1ST	0.0	0.0	0.008	0.029	0.000	0.000	0.008	0.029
217.20	217.70	419-40	0.50	Y1ST	0.0	0.0	0.005	0.029	0.000	0.000	0.005	0.029
217.82	218.12	419-41	0.30	Y2ST	0.0	0.0	0.026	0.029	0.000	0.000	0.026	0.029



# Sample Results

HOLE-ID SND05419

FROM (m)	TO (m)	Sample Number	Int (m)	GEOL	Analysis		Fire Assay		Metallics Assay		Reduced Results	
					AU ppb	AG gm/l	AU oz/t	AG oz/t	AU oz/t	AG oz/t	AU oz/t	AG oz/t
218.85	219.15	419-42	0.30	Y3ST	0.0	0.0	0.004	0.029	0.000	0.000	0.004	0.029
219.50	219.80	419-43	0.30	F3GD	0.0	0.0	0.012	0.029	0.000	0.000	0.012	0.029
219.96	220.36	419-45	0.40	Y1ST	0.0	0.0	0.012	0.029	0.000	0.000	0.012	0.029
220.36	221.36	419-46	1.00	Y1ST	0.0	0.0	0.003	0.029	0.000	0.000	0.003	0.029
221.36	222.36	419-47	1.00	F3GD	0.0	0.0	0.006	0.029	0.000	0.000	0.006	0.029
222.36	222.66	419-48	0.30	Y2ST	0.0	0.0	0.405	2.800	0.000	0.000	0.405	2.800
222.66	222.96	419-49	0.30	Y2OV	0.0	0.0	0.067	0.408	0.000	0.000	0.067	0.408
222.96	223.26	419-50	0.30	Y5ST	0.0	0.0	0.066	0.292	0.000	0.000	0.066	0.292
223.26	223.66	419-51	0.40	Y2OV	0.0	0.0	0.000	0.000	0.178	0.758	0.178	0.758
223.66	224.66	419-52	1.00	Y2GG	0.0	0.0	0.017	0.029	0.000	0.000	0.017	0.029
232.64	232.94	419-54	0.30	Y2ST	0.0	0.0	0.003	0.029	0.000	0.000	0.003	0.029
232.96	233.26	419-53	0.30	Y1GG	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.029
282.32	282.62	419-55	0.30	PG	0.0	0.0	0.002	0.029	0.000	0.000	0.002	0.029
287.57	287.87	419-56	0.30	PG	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.029

# Down Hole Survey Data

Hole Number *SND05419*

Core Size

Hole Depth

DISTANCE    DIP    AZIMUTH    MAGDIP    TESLAS

DISTANCE	DIP	AZIMUTH	MAGDIP	TESLAS
0	-74	0.0	0	0
10.67	-74	0.3	0	0
25.91	-74	359.9	0	0
41.15	-74	360.0	0	0
56.39	-74	359.5	0	0
71.63	-73	2.2	0	0
86.87	-74	0.8	0	0
102.11	-74	359.9	0	0
117.35	-74	0.1	0	0
132.59	-74	359.7	0	0
147.83	-73	0.7	0	0
163.07	-73	359.5	0	0
178.31	-74	359.6	0	0
193.55	-74	0.9	0	0
208.79	-73	2.6	0	0
224.03	-73	3.6	0	0
239.27	-73	2.2	0	0
254.51	-73	3.2	0	0
269.75	-74	3.9	0	0
284.99	-73	4.5	0	0















# Diamond Drill Geology Record

HOLE NUMBER: **SND05419**

DATE: 7/28/2005

LOGGED BY **DM JM**

FROM (m)	TO (m)	MAIN ROCK	MINOR ROCK	STRUCT	ANGLE	ALT1	ALT1%	ALT2	ALT2%	ALT3	ALT3%	PV%	SULF1	SULF1%	SULF2	SULF2%	SULF3	SULF3%	GANGUE	GANGUE%	COMMENTS	
244.82	244.85		PIAD	D	90		0		0		0			0		0		0		0		
248.60	248.60		AP	D	50		0		0		0			0		0		0		0		
248.76	248.78		GG	FT	50		0		0		0			0		0		0		0		
250.26	250.27		AP	D	50		0		0		0			0		0		0		0		
250.43	250.44		AP	D	65		0		0		0			0		0		0		0		
256.64	256.72		AP	D	15		0		0		0			0		0		0		0		
256.79	256.80		Y2ST	ST	70		0		0		0			0		0		0		0		
256.94	257.00		GG	FT	60		0		0		0			0		0		0		0		
258.84	258.93		GG	FT	0		0		0		0			0		0		0		0		
262.58	262.58		Y2ST	ST	70		0		0		0			0		0		0		0		
264.43	264.44		Y2ST	ST	0		0		0		0			0		0		0		0		
264.44	264.45		F2GD		0		0		0		0			0		0		0		0		
265.20	265.64		GG	FT	15		0		0		0			0		0		0		0		
269.20	269.25		A2PG	D	80		0		0		0			0		0		0		0		
269.29	269.49		A2PG	D	80		0		0		0			0		0		0		0		
269.55	269.61		A2AP	D	45		0		0		0			0		0		0		0		
269.66	270.67	FP			0		0		0		0			0		0		0		0		
270.15	270.16		GG	FT	50		0		0		0			0		0		0		0		
270.67	275.76	K3FP			0		0		0		0			0		0		0		0		
271.89	271.96		GG	FT	0		0		0		0			0		0		0		0		
272.12	272.16		AP	D	75		0		0		0			0		0		0		0		
273.05	273.13		AP	D	10		0		0		0			0		0		0		0		
273.33	273.34		AP	D	75		0		0		0			0		0		0		0		
275.76	279.63	GD			0		0		0		0			0		0		0		0		
276.73	276.74		AP	D	70		0		0		0			0		0		0		0		
279.21	279.23		AP	D	70		0		0		0			0		0		0		0		
279.47	279.63		A2GD		0		0		0		0			0		0		0		0		
279.63	282.79	K1GD			0		0		0		0			0		0		0		0		
282.43	282.52		PG	D	90		0		0		0			0		0		0		0		
282.79	285.61	A1GD			0		0		0		0			0		0		0		0		
285.54	285.57		GG	FT	25		0		0		0			0		0		0		0		
285.61	285.87	PG		D	0		0		0		0			0		0		0		0		
285.87	286.00	A1GD			0		0		0		0			0		0		0		0		
286.00	286.48	PG		D	80		0		0		0			0		0		0		0		
286.48	288.57	P2GD			0		0		0		0			0		0		0		0		
287.77	287.82		PG	D	80		0		0		0			0		0		0		0		
288.57	291.69	K3GD			0		0		0		0			0		0		0		0		

# Almaden Minerals Diamond Drill Record

**PROPERTY:** Elk **HOLE-ID:** SND05420 **DEPTH:** 204.52  
**AREA:** WD **EASTING:** 2493.99 **DATE START:** 8/07/2005  
**CLAIM:** SNML **NORTHING:** 3515.09 **DATE FINISH:** 8/09/2005  
**SECTION:** 249SE **ELEVATION:** 1642.47 **CONTRACTOR:** Leclerc Drilling Ltd 38  
**CORE SIZE:** NQ **RECOVERY:** 0.00 **RQD:** 0.00 **CORE STORED AT:** Elk Rack C Bay 30 **LOGGED BY:** JM DM

**COMMENTS** Hole drilled to test WD zones. A 34cm pyritic quartz vein was intersected deeper than the projected depth of WDa. A 3cm pyritic quartz vein was intersected below the proj locn of WDb zone.

## ASSAY AVERAGES

FROM	TO	INT	TW	ZONE	AU OZ/T	AG OZ/T	SG
21.38	21.89	0.51	0.50	X	0.003	0.028	2.57
169.47	170.25	0.78	0.50	Wda	0.449	1.046	2.67
171.18	171.95	0.77	0.65	WDb	0.058	0.299	2.69

# Sample Results

HOLE-ID SND05420

FROM (m)	TO (m)	Sample Number	Int (m)	GEOL	Analysis		Fire Assay		Metallics Assay		Reduced Results	
					AU ppb	AG gm/l	AU oz/t	AG oz/t	AU oz/t	AG oz/t	AU oz/t	AG oz/t
12.19	12.49	420-2	0.30	Y1ST	0.0	0.0	0.002	0.029	0.000	0.000	0.002	0.029
15.11	15.41	420-5	0.30	Y1HG	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.029
17.70	18.00	420-6	0.30	Y1ST	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.029
21.39	21.89	420-7	0.50	A2GD	0.0	0.0	0.003	0.029	0.000	0.000	0.003	0.029
24.32	25.12	420-8	0.80	Y1ST	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.029
30.81	31.10	420-9	0.30	Y1ST	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.029
34.96	35.26	420-10	0.30	Y2ST	0.0	0.0	0.004	0.029	0.000	0.000	0.004	0.029
36.37	36.67	420-11	0.30	Y1ST	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.029
38.78	39.08	420-12	0.30	Y1ST	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.029
47.29	47.59	420-13	0.30	Y1ST	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.029
59.93	60.23	420-14	0.30	Y1ST	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.029
60.05	60.35	420-25	0.30	Y1ST	0.0	0.0	0.008	0.029	0.000	0.000	0.008	0.029
60.68	60.98	420-15	0.30	A2O	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.029
60.91	61.21	420-23	0.30	Y1GG	0.0	0.0	0.007	0.029	0.000	0.000	0.007	0.029
64.78	65.08	420-16	0.30	Y3ST	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.029
65.25	66.05	420-17	0.80	Y3ST	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.029
66.41	66.71	420-19	0.30	DUPL	0.0	0.0	0.043	0.058	0.000	0.000	0.043	0.058
69.33	69.63	420-22	0.30	Y1ST	0.0	0.0	0.027	0.058	0.000	0.000	0.027	0.058
70.42	70.71	420-24	0.30	ST	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.029
73.97	74.28	420-26	0.30	Y2QV	0.0	0.0	0.009	0.029	0.000	0.000	0.009	0.029
83.22	83.52	420-28	0.30	Y4ST	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.029
86.53	86.82	420-29	0.30	Y1QV	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.029
88.05	88.35	420-30	0.30	Y1QV	0.0	0.0	0.003	0.058	0.000	0.000	0.003	0.058
90.53	90.83	420-31	0.30	Y1ST	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.029
92.04	92.33	420-33	0.30	Y1ST	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.029
96.43	96.72	420-34	0.30	ST	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.029
97.71	98.01	420-35	0.30	Y2ST	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.029
98.01	98.92	420-36	0.90	ST	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.029
116.38	116.68	420-39	0.30	DUPL	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.029
117.83	118.13	420-42	0.30	ST	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.029
144.56	145.76	420-43	1.20	Y1GG	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.029
149.41	149.71	420-44	0.30	Y1GG	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.029
151.09	151.39	420-45	0.30	Y1ST	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.029
151.82	152.41	420-49	0.60	K3O	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.029
155.38	156.29	420-46	0.90	F2QM	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.029
159.24	159.74	420-47	0.50	ST	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.029

# Sample Results

HOLE-ID SND05420

FROM (m)	TO (m)	Sample Number	Int (m)	GEOL	Analysis		Fire Assay		Metallics Assay		Reduced Results	
					AU ppb	AG gm/l	AU oz/t	AG oz/t	AU oz/t	AG oz/t	AU oz/t	AG oz/t
161.70	163.00	420-48	1.30	F5OM	0.0	0.0	0.098	0.087	0.000	0.000	0.098	0.087
168.47	169.47	420-50	1.00	Y1GG	0.0	0.0	0.006	0.029	0.000	0.000	0.006	0.029
169.47	169.87	420-51	0.40	Y2OV	0.0	0.0	0.000	0.000	0.717	1.867	0.717	1.867
169.87	170.87	420-52	1.00	F3OM	0.0	0.0	0.155	0.146	0.000	0.000	0.155	0.146
171.25	171.95	420-53	0.70	Y3OV	0.0	0.0	0.000	0.000	0.063	0.321	0.063	0.321
173.79	174.09	420-54	0.30	Y1OV	0.0	0.0	0.005	0.029	0.000	0.000	0.005	0.029
175.64	175.94	420-55	0.30	Y4ST	0.0	0.0	0.017	0.029	0.000	0.000	0.017	0.029
192.73	193.33	420-56	0.60	F2GD	0.0	0.0	0.002	0.029	0.000	0.000	0.002	0.029
197.29	197.59	420-57	0.30	Y2ST	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.029

# Down Hole Survey Data

Hole Number *SND05420*

Core Size

Hole Depth

**DISTANCE    DIP    AZIMUTH    MAGDIP    TESLAS**

DISTANCE	DIP	AZIMUTH	MAGDIP	TESLAS
0	-76	0.0	0	0
17.98	-77	353.9	0	0
33.22	-77	356.0	0	0
48.46	-76	358.2	0	0
63.7	-77	354.9	0	0
78.94	-77	354.6	0	0
94.18	-77	355.1	0	0
109.42	-77	354.3	0	0
124.66	-77	355.8	0	0
139.9	-77	355.5	0	0
155.14	-76	357.5	0	0
170.38	-77	355.6	0	0
185.62	-77	356.3	0	0
200.86	-77	355.7	0	0



# Diamond Drill Geology Record

HOLE NUMBER: **SND05420**

DATE: 8/07/2005

LOGGED BY JM DM

FROM (m)	TO (m)	MAIN ROCK	MINOR ROCK	STRUCT	ANGLE	ALT1	ALT1%	ALT2	ALT2%	ALT3	ALT3%	PY%	SULF1	SULF1%	SULF2	SULF2%	SULF3	SULF3%	GANGUE	GANGUE%	COMMENTS	
65.97	65.97		F3QM		0		0		0		0	0		0		0		0		0		
66.00	68.71	P2QM			0	C	5		0		0	0		0		0		0		0		
66.54	66.56		F3QM		0		0		0		0	0		0		0		0		0		
66.56	66.58		Y2QV	V	70		0		0		0	0		0		0		0		0		
68.71	71.33	A2QM			0	C	10	K	5		0	0		0		0		0		0		
69.47	69.50		Y1QV	V	75		0		0		0	0		0		0		0		0		
69.53	69.55		ST	ST	20		0		0		0	0		0		0		0		0		
69.96	70.07		Y1GG	FT	60		0		0		0	0		0		0		0		0		
70.50	70.54		ST	ST	8		0		0		0	0		0		0		0		0		
71.33	97.51	P2QM			0		0		0		0	0		0		0		0		0		
74.11	74.14		Y2QV	V	85		0		0		0	0		0		0		0		0		
78.69	78.86		F2QM		0		0		0		0	0		0		0		0		0		
78.75	78.76		Y1ST	ST	75		0		0		0	0		0		0		0		0		
78.81	78.81		Y2ST	ST	75		0		0		0	0		0		0		0		0		
83.27	83.27		Y4ST	ST	65		0		0		0	0		0		0		0		0		
83.43	83.44		Y1ST	ST	75		0		0		0	0		0		0		0		0		
85.47	85.48		Y4ST	ST	85		0		0		0	0		0		0		0		0		
86.67	86.68		Y1QV	V	70		0		0		0	0		0		0		0		0		
88.17	88.17		Y1ST	ST	85		0		0		0	0		0		0		0		0		
88.22	88.24		Y1QV	V	90		0		0		0	0		0		0		0		0		
90.64	90.74		A1Q		0	C	5		0		0	0		0		0		0		0		
90.68	90.69		Y1ST	ST	65		0		0		0	0		0		0		0		0		
91.03	91.22		A1Q		0	C	5		0		0	0		0		0		0		0		
91.34	91.97		A1Q		0	C	5		0		0	0		0		0		0		0		
91.52	91.53		Y1ST	ST	75		0		0		0	0		0		0		0		0		
91.60	91.61		Y2ST	ST	75		0		0		0	0		0		0		0		0		
92.14	92.28		A1Q		0	C	5		0		0	0		0		0		0		0		
92.18	92.19		Y1ST	ST	75		0		0		0	0		0		0		0		0		
92.65	92.81		A1Q		0	C	5		0		0	0		0		0		0		0		
93.93	94.04		A1Q		0	C	5		0		0	0		0		0		0		0		
95.01	95.39		A1Q		0	C	5		0		0	0		0		0		0		0		
96.38	96.83		A1Q		0	C	5		0		0	0		0		0		0		0		
96.57	96.57		ST	ST	55		0		0		0	0		0		0		0		0		
97.05	97.17		A1Q		0	C	5		0		0	0		0		0		0		0		
97.51	99.39	A1QM			0	C	5		0		0	0		0		0		0		0		
97.86	97.87		Y2ST	ST	65		0		0		0	0		0		0		0		0		
98.50	98.64		ST	ST	5		0		0		0	0		0		0		0		0		
99.39	103.39	P2QM			0		0		0		0	0		0		0		0		0		
100.90	101.88		A1Q		0	C	5		0		0	0		0		0		0		0		
103.39	104.70	A1QM			0	C	5		0		0	0		0		0		0		0		
103.53	103.59		GG	FT	10		0		0		0	0		0		0		0		0		
103.75	103.78		GG	FT	80		0		0		0	0		0		0		0		0		
104.70	124.85	P1QM			0		0		0		0	0		0		0		0		0		
107.29	107.47		A1Q		0	C	5		0		0	0		0		0		0		0		
108.94	109.04		A1Q		0	C	5		0		0	0		0		0		0		0		
109.09	109.19		A1Q		0	C	5		0		0	0		0		0		0		0		
109.29	109.83		A1Q		0	C	5		0		0	0		0		0		0		0		
113.38	113.39		Y1GG	FT	65		0		0		0	0		0		0		0		0		
114.75	114.82		GG	FT	0		0		0		0	0		0		0		0		0		
115.33	115.34		GG	FT	65		0		0		0	0		0		0		0		0		
116.51	116.53		ST	ST	70		0		0		0	0		0		0		0		0		
117.74	118.21		K1Q		0	C	5		0		0	0		0		0		0		0		
117.96	117.96		ST	ST	60		0		0		0	0		0		0		0		0		
118.31	118.37		K1Q		0	C	5		0		0	0		0		0		0		0		

# Diamond Drill Geology Record

HOLE NUMBER: **SND05420**

DATE: 8/07/2005

LOGGED BY JM DM

FROM (m)	TO (m)	MAIN ROCK	MINOR ROCK	STRUCT	ANGLE	ALT1	ALT1%	ALT2	ALT2%	ALT3	ALT3%	PY%	SULF1	SULF1%	SULF2	SULF2%	SULF3	SULF3%	GANGUE	GANGUE%	COMMENTS	
119.30	120.08		K1Q		0	C	5		0		0	0		0		0		0		0		
119.97	119.98		GG	FT	68		0		0		0	0		0		0		0		0		
124.85	127.00		K1QM				5		0		0	0		0		0		0		0		
127.00	130.74		P2QM		0		0		0		0	0		0		0		0		0		
130.74	131.04		K2QM		0		0		0		0	0		0		0		0		0		
131.04	131.27		GG	FT	10		0		0		0	0		0		0		0		0		
131.27	144.66		K2QM		0		0		0		0	0		0		0		0		0		
131.98	131.99		GG	FT	50		0		0		0	0		0		0		0		0		
137.49	137.51		GG	FT	60		0		0		0	0		0		0		0		0		
143.55	143.60		GG	FT	0		0		0		0	0		0		0		0		0		
143.89	143.96		GG	FT	30		0		0		0	0		0		0		0		0		
144.17	144.19		GG	FT	25		0		0		0	0		0		0		0		0		
144.37	144.43		GG	FT	55		0		0		0	0		0		0		0		0		
144.66	144.66		ST	ST	50		0		0		0	0		0		0		0		0		
144.66	145.76		X2QM		0	C	10		0		0	0		0		0		0		0		
145.55	145.69		X5Q		0		0		0		0	0		0		0		0		0		
145.69	145.72		Y1GG	FT	40		0		0		0	0		0		0		0		0		
145.76	155.49		K2QM		0		0		0		0	0		0		0		0		0		
149.52	149.55		Y1GG	FT	50		0		0		0	0		0		0		0		0		
149.58	149.59		Y1GG	FT	50		0		0		0	0		0		0		0		0		
150.87	150.87		ST	ST	50		0		0		0	0		0		0		0		0		
151.24	151.26		Y1ST	ST	55		0		0		0	0		0		0		0		0		
151.59	151.59		ST	ST	50		0		0		0	0		0		0		0		0		
151.83	152.41		K3Q		0	C	10	Q	10		0	0		0		0		0		0		
152.37	152.38		GG	FT	40		0		0		0	0		0		0		0		0		
154.81	154.81		ST	ST	50		0		0		0	0		0		0		0		0		
155.41	155.41		ST	ST	50		0		0		0	0		0		0		0		0		
155.49	156.45		F2QM		0	C	5		0		0	0		0		0		0		0		
156.07	156.08		ST	ST	55		0		0		0	0		0		0		0		0		
156.18	156.19		ST	ST	25		0		0		0	0		0		0		0		0		
156.45	161.07		K2QM		0	C	5		0		0	0		0		0		0		0		
156.49	156.50		ST	ST	50		0		0		0	0		0		0		0		0		
156.63	156.63		ST	ST	50		0		0		0	0		0		0		0		0		
157.04	157.06		QV	V	50		0		0		0	0		0		0		0		0		
158.10	158.12		GG	FT	50		0		0		0	0		0		0		0		0		
159.28	159.29		HG	FT	35		0		0		0	0		0		0		0		0		
159.44	159.44		ST	ST	35		0		0		0	0		0		0		0		0		
159.53	159.55		ST	ST	30		0		0		0	0		0		0		0		0		
159.71	159.72		ST	ST	40		0		0		0	0		0		0		0		0		
160.35	160.36		ST	ST	55		0		0		0	0		0		0		0		0		
160.49	160.49		ST	ST	70		0		0		0	0		0		0		0		0		
160.75	160.76		HG	FT	45		0		0		0	0		0		0		0		0		
161.07	164.71		A2QM		0		0		0		0	0		0		0		0		0		
161.16	161.17		ST	ST	35		0		0		0	0		0		0		0		0		
161.72	161.72		ST	ST	70		0		0		0	0		0		0		0		0		
161.82	161.83		ST	ST	50		0		0		0	0		0		0		0		0		
161.88	162.02		F4QM		0		0		0		0	0		0		0		0		0		
161.92	161.93		GG	FT	65		0		0		0	0		0		0		0		0		
162.15	162.79		F5QM		0		0		0		0	0		0		0		0		0		
162.79	162.92		GG	FT	65		0		0		0	0		0		0		0		0		
162.97	163.00		GG	FT	45		0		0		0	0		0		0		0		0		
164.71	165.38		A4QM		0		0		0		0	0		0		0		0		0		
164.76	165.00		GG	FT	0		0		0		0	0		0		0		0		0		
165.08	165.31		GG	FT	45		0		0		0	0		0		0		0		0		



# Diamond Drill Geology Record

HOLE NUMBER: *SND05420*

DATE: 8/07/2005

LOGGED BY JM DM

FROM (m)	TO (m)	MAIN ROCK	MINOR ROCK	STRUCT	ANGLE	ALT1	ALT1%	ALT2	ALT2%	ALT3	ALT3%	PY%	SULF1	SULF1%	SULF2	SULF2%	SULF3	SULF3%	GANGUE	GANGUE%	COMMENTS	
165.38	169.37	A2QM			0		0		0		0			0		0		0		0		
166.67	166.73	GG		FT	0		0		0		0			0		0		0		0		
166.80	166.81	GG		FT	70		0		0		0			0		0		0		0		
168.36	168.41	GG		FT	0		0		0		0			0		0		0		0		
168.47	168.51	F2QM			0		0		0		0			0		0		0		0		
168.52	168.54	F2QM			0		0		0		0			0		0		0		0		
168.91	168.91	ST		ST	55		0		0		0			0		0		0		0		
169.37	169.49	F3QM			0		0		0		0			0		0		0		0		
169.38	169.39	GG		FT	30		0		0		0			0		0		0		0		
169.49	169.49	Y2GG		FT	40		0		0		0			0		0		0		0		
169.49	169.52	Y2HG			0		0		0		0			0		0		0		0		
169.52	169.87	Y2QV		V	40		0		0		0	8		0		0		0		0		WDA
169.87	170.11	F3QM			0		0		0		0			0		0		0		0		
170.11	171.25	A2QM			0		0		0		0			0		0		0		0		
171.25	171.57	F3QM			0		0		0		0			0		0		0		0		
171.37	171.38	Y2ST		ST	90		0		0		0			0		0		0		0		
171.42	171.43	ST		ST	50		0		0		0			0		0		0		0		
171.47	171.49	Y3QV		V	60		0		0		0			0		0		0		0		
171.50	171.51	Y3ST		ST	90		0		0		0			0		0		0		0		
171.57	171.60	Y5QV		V	60		0		0		0	30		0		0		0		0		WDB
171.60	171.88	F3QM			0		0		0		0			0		0		0		0		
171.79	171.81	Y4ST		ST	45		0		0		0			0		0		0		0		
171.88	173.27	P2GD			0		0		0		0			0		0		0		0		
173.27	173.60	A3GD			0		0		0		0			0		0		0		0		
173.60	173.96	P3GD			0		0		0		0			0		0		0		0		
173.90	173.94	Y1QV		V	50		0		0		0			0		0		0		0		
173.94	173.96	Y1GG		FT	50		0		0		0			0		0		0		0		
173.96	174.32	A3GD			0		0		0		0			0		0		0		0		
174.32	174.70	P3GD			0		0		0		0			0		0		0		0		
174.70	175.30	A3GD			0		0		0		0			0		0		0		0		
174.84	174.85	GG		FT	70		0		0		0			0		0		0		0		
175.30	175.77	P3GD			0		0		0		0			0		0		0		0		
175.77	190.53	GD			0		0		0		0			0		0		0		0		
175.79	175.79	Y4ST		ST	80		0		0		0			0		0		0		0		
179.49	179.57	K1GD			0		0		0		0			0		0		0		0		
179.79	179.84	GG		FT	0		0		0		0			0		0		0		0		
179.91	179.93	F2GD			0		0		0		0			0		0		0		0		
181.63	181.63	AP		D	70		0		0		0			0		0		0		0		
185.72	185.96	P1GD			0		0		0		0			0		0		0		0		
185.82	185.88	GG		FT	0		0		0		0			0		0		0		0		
187.29	187.32	GG		FT	0		0		0		0			0		0		0		0		
189.13	189.45	K1GD			0		0		0		0			0		0		0		0		
189.73	189.73	AP		D	70		0		0		0			0		0		0		0		
190.53	191.52	A1GD			0		0		0		0			0		0		0		0		
191.52	204.52	GD			0		0		0		0			0		0		0		0		
191.99	192.03	A1GD			0		0		0		0			0		0		0		0		
192.79	192.80	A1GD			0		0		0		0			0		0		0		0		
192.80	192.82	F2GD			0		0		0		0			0		0		0		0		
192.82	192.90	A1GD			0		0		0		0			0		0		0		0		
192.90	192.93	F2GD			0		0		0		0			0		0		0		0		
192.91	192.92	GG		FT	90		0		0		0			0		0		0		0		
192.93	193.09	A1GD			0		0		0		0			0		0		0		0		
193.16	193.19	A1GD			0		0		0		0			0		0		0		0		
193.19	193.21	F2GD			0		0		0		0			0		0		0		0		

# Diamond Drill Geology Record

HOLE NUMBER: **SND05420**

DATE: 8/07/2005

LOGGED BY JM DM

FROM (m)	TO (m)	MAIN ROCK	MINOR ROCK	STRUCT	ANGLE	ALT1	ALT1%	ALT2	ALT2%	ALT3	ALT3%	PY%	SULF1	SULF1%	SULF2	SULF2%	SULF3	SULF3%	GANGUE	GANGUE%	COMMENTS	
193.21	193.24		A1GD		0		0		0		0	0		0		0		0		0		
193.58	193.60		A1GD		0		0		0		0	0		0		0		0		0		
193.60	193.62		F2GD		0		0		0		0	0		0		0		0		0		
193.62	193.64		A1GD		0		0		0		0	0		0		0		0		0		
197.43	197.44		Y2ST	ST	80		0		0		0	0		0		0		0		0		
197.44	197.45		GG	FT	90		0		0		0	0		0		0		0		0		
200.92	201.02		PIGD		0		0		0		0	0		0		0		0		0		
201.02	201.04		A1GD		0		0		0		0	0		0		0		0		0		
201.04	201.06		F2GD		0		0		0		0	0		0		0		0		0		
201.06	201.08		A1GD		0		0		0		0	0		0		0		0		0		
201.08	201.28		PIGD		0		0		0		0	0		0		0		0		0		
201.65	201.70		PIGD		0		0		0		0	0		0		0		0		0		
201.70	201.72		A1GD		0		0		0		0	0		0		0		0		0		
201.72	201.80		PIGD		0		0		0		0	0		0		0		0		0		

# Almaden Minerals Diamond Drill Record

PROPERTY:	Elk	HOLE-ID:	SND05421	DEPTH:	270.36	
AREA:	WD	EASTING:	2494.53	DATE START:	8/09/2005	
CLAIM:	SNML	NORTHING:	3476.32	DATE FINISH:	8/13/2005	
SECTION:	2495E	ELEVATION:	1643.00	CONTRACTOR:	Leclerc Drilling Ltd 38	
CORE SIZE:	NQ	RECOVERY:	0.00	RQD:	0.00	
		CORE STORED AT:	Elk Rack C Bay 30		LOGGED BY:	JM DM

**COMMENTS** Hole drilled to test WD zones. A 13cm pyritic quartz vein was intersected at the projected depth of WDa. A 60cm pyritic quartz vein was intersected at the projected depth of WDb zone.

## ASSAY AVERAGES

FROM	TO	INT	TW	ZONE	AU OZ/T	AG OZ/T	SG
11.76	12.34	0.58	0.50	A	0.030	0.060	2.65
12.04	31.42	19.38	17.30	B	0.017	0.006	2.69
23.15	23.76	0.61	0.60	B	0.477	0.115	2.62
226.87	227.57	0.71	0.50	Wdi	0.217	0.435	2.83
226.87	228.77	1.90	1.34	WD	1.169	1.714	2.94
228.06	228.77	0.71	0.50	WD	2.650	3.718	3.24

# Sample Results

HOLE-ID SND05421

FROM (m)	TO (m)	Sample Number	Int (m)	GEOL	Analysis		Fire Assay		Metallics Assay		Reduced Results	
					AU ppb	AG gm/t	AU oz/t	AG oz/t	AU oz/t	AG oz/t	AU oz/t	AG oz/t
8.23	9.73	421-2	1.50	Y1QV	0.0	0.0	0.583	0.408	0.000	0.000	0.583	0.408
12.04	12.34	421-5	0.30	Y2QV	0.0	0.0	0.059	0.117	0.000	0.000	0.059	0.117
23.16	23.76	421-6	0.60	Y2QV	0.0	0.0	0.484	0.117	0.000	0.000	0.484	0.117
30.14	30.54	421-10	0.40	OV	0.0	0.0	0.002	0.029	0.000	0.000	0.002	0.029
31.11	31.42	421-7	0.30	Y2ST	0.0	0.0	0.008	0.029	0.000	0.000	0.008	0.029
32.15	32.44	421-8	0.30	Y2ST	0.0	0.0	0.003	0.029	0.000	0.000	0.003	0.029
34.59	34.89	421-9	0.30	X2Q	0.0	0.0	0.003	0.029	0.000	0.000	0.003	0.029
38.74	39.04	421-11	0.30	ST	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.029
40.23	40.53	421-12	0.30	Y1ST	0.0	0.0	0.002	0.029	0.000	0.000	0.002	0.029
49.19	49.69	421-15	0.50	Y2ST	0.0	0.0	0.003	0.029	0.000	0.000	0.003	0.029
51.97	52.27	421-16	0.30	Y1ST	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.029
52.48	52.78	421-17	0.30	Y1ST	0.0	0.0	0.002	0.029	0.000	0.000	0.002	0.029
53.85	54.15	421-18	0.30	K1O	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.029
55.17	55.57	421-19	0.40	OV	0.0	0.0	0.002	0.029	0.000	0.000	0.002	0.029
75.57	75.86	421-20	0.30	ST	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.029
78.54	78.93	421-22	0.40	ST	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.029
82.91	83.21	421-26	0.30	F2QM	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.029
83.04	83.33	421-28	0.30	F2QM	0.0	0.0	0.003	0.029	0.000	0.000	0.003	0.029
85.40	85.81	421-27	0.40	Y1QV	0.0	0.0	0.040	0.612	0.000	0.000	0.040	0.612
89.54	89.85	421-29	0.30	Y1ST	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.029
90.23	90.53	421-30	0.30	Y1QV	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.029
90.84	91.14	421-31	0.30	Y2ST	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.029
91.89	92.18	421-32	0.30	Y5QV	0.0	0.0	0.009	0.262	0.000	0.000	0.009	0.262
93.00	93.30	421-33	0.30	Y1QV	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.029
93.93	94.54	421-34	0.60	Y2ST	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.029
95.51	96.41	421-35	0.90	Y1ST	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.029
96.64	97.24	421-36	0.60	Y2QV	0.0	0.0	0.008	0.029	0.000	0.000	0.008	0.029
97.42	97.82	421-37	0.40	Y4ST	0.0	0.0	0.002	0.029	0.000	0.000	0.002	0.029
98.28	98.58	421-38	0.30	Y1ST	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.029
99.07	99.67	421-39	0.60	Y2ST	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.029
101.61	101.92	421-40	0.30	Y5ST	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.029
103.46	103.75	421-42	0.30	Y2ST	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.029
108.32	108.62	421-46	0.30	Y1ST	0.0	0.0	0.042	0.058	0.000	0.000	0.042	0.058
108.99	109.59	421-47	0.60	Y4ST	0.0	0.0	0.002	0.029	0.000	0.000	0.002	0.029
109.79	110.10	421-48	0.30	Y1ST	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.029
111.11	111.40	421-49	0.30	Y2ST	0.0	0.0	0.003	0.029	0.000	0.000	0.003	0.029

# Sample Results

HOLE-ID SND05421

FROM (m)	TO (m)	Sample Number	Int (m)	GEOL	Analysis		Fire Assay		Metallics Assay		Reduced Results	
					AU ppb	AG gm/l	AU oz/t	AG oz/t	AU oz/t	AG oz/t	AU oz/t	AG oz/t
112.94	113.24	421-50	0.30	Y1ST	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.029
113.62	113.92	421-51	0.30	F1OM	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.029
114.97	115.27	421-52	0.30	Y1ST	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.029
115.36	115.67	421-53	0.30	Y3ST	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.029
115.85	116.14	421-54	0.30	ST	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.029
122.69	123.29	421-55	0.60	Y1ST	0.0	0.0	0.002	0.029	0.000	0.000	0.002	0.029
136.09	136.39	421-60	0.30	Y5ST	0.0	0.0	0.003	0.029	0.000	0.000	0.003	0.029
137.92	138.62	421-57	0.70	Y2ST	0.0	0.0	0.006	0.029	0.000	0.000	0.006	0.029
143.59	143.88	421-59	0.30	Y5ST	0.0	0.0	0.002	0.029	0.000	0.000	0.002	0.029
148.25	148.55	421-62	0.30	Y4ST	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.029
164.96	165.26	421-65	0.30	Y2ST	0.0	0.0	0.004	0.029	0.000	0.000	0.004	0.029
171.02	171.32	421-66	0.30	Y2ST	0.0	0.0	0.012	0.029	0.000	0.000	0.012	0.029
186.35	186.65	421-68	0.30	Y2BR	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.029
187.37	187.67	421-70	0.30	Y1GG	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.029
187.87	188.17	421-69	0.30	Y1GG	0.0	0.0	0.032	0.058	0.000	0.000	0.032	0.058
190.04	190.34	421-71	0.30	QV	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.029
219.60	219.90	421-72	0.30	Y2GG	0.0	0.0	0.005	0.029	0.000	0.000	0.005	0.029
225.57	225.87	421-73	0.30	Y5ST	0.0	0.0	0.010	0.029	0.000	0.000	0.010	0.029
225.87	226.87	421-74	1.00	Y5ST	0.0	0.0	0.006	0.029	0.000	0.000	0.006	0.029
226.87	227.57	421-75	0.70	Y4QV	0.0	0.0	0.000	0.000	0.219	0.437	0.219	0.437
227.57	228.16	421-76	0.60	F4GD	0.0	0.0	0.021	0.146	0.000	0.000	0.021	0.146
228.16	228.76	421-77	0.60	Y5QV	0.0	0.0	0.000	0.000	3.026	4.229	3.026	4.229
228.76	229.76	421-78	1.00	F4GD	0.0	0.0	0.011	0.117	0.000	0.000	0.011	0.117
229.88	230.18	421-79	0.30	F2GD	0.0	0.0	0.003	0.029	0.000	0.000	0.003	0.029
230.43	231.13	421-80	0.70	Y5ST	0.0	0.0	0.006	0.058	0.000	0.000	0.006	0.058
231.43	231.73	421-82	0.30	Y1ST	0.0	0.0	0.003	0.029	0.000	0.000	0.003	0.029
232.38	232.68	421-85	0.30	Y1ST	0.0	0.0	0.005	0.029	0.000	0.000	0.005	0.029
232.79	233.09	421-86	0.30	F2GD	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.029
233.41	233.91	421-87	0.50	Y3ST	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.029
237.71	238.01	421-88	0.30	Y3ST	0.0	0.0	0.002	0.029	0.000	0.000	0.002	0.029
241.78	242.08	421-89	0.30	Y1ST	0.0	0.0	0.006	0.029	0.000	0.000	0.006	0.029
242.67	243.17	421-90	0.50	Y2ST	0.0	0.0	0.005	0.029	0.000	0.000	0.005	0.029
243.43	243.93	421-91	0.50	Y3ST	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.029
246.59	246.84	421-92	0.25	Y2GG	0.0	0.0	0.003	0.029	0.000	0.000	0.003	0.029

# Down Hole Survey Data

Hole Number *SND05421*

Core Size

Hole Depth

**DISTANCE    DIP    AZIMUTH    MAGDIP    TESLAS**

DISTANCE	DIP	AZIMUTH	MAGDIP	TESLAS
0	-78	0.0	0	0
19.81	-79	2.5	0	0
35.05	-79	2.0	0	0
50.29	-79	4.2	0	0
65.53	-79	2.9	0	0
80.77	-79	3.3	0	0
96.01	-79	3.1	0	0
111.25	-79	2.4	0	0
126.49	-79	3.1	0	0
141.73	-79	3.9	0	0
156.97	-79	2.2	0	0
172.21	-79	2.2	0	0
187.45	-79	3.7	0	0
202.69	-80	4.3	0	0
217.93	-79	4.3	0	0
233.17	-80	5.0	0	0
248.41	-80	4.8	0	0
263.65	-80	5.3	0	0







# Diamond Drill Geology Record

HOLE NUMBER: **SND05421**

DATE: 8/09/2005

LOGGED BY JM DM

FROM (m)	TO (m)	MAIN ROCK	MINOR ROCK	STRUCT	ANGLE	ALT1	ALT1%	ALT2	ALT2%	ALT3	ALT3%	PV%	SULF1	SULF1%	SULF2	SULF2%	SULF3	SULF3%	GANGUE	GANGUE%	COMMENTS	
83.05	83.07		FIQM		0		0		0		0	0		0		0		0		0		
83.07	83.11		A1Q		0		0		0		0	0		0		0		0		0		
85.23	85.55		A1Q		0		0		0		0	0		0		0		0		0		
85.55	85.58		F2QM		0		0		0		0	0		0		0		0		0		
85.58	85.61		Y2QV	V	70		0		0		0	0		0		0		0		0		
85.61	85.61		HG	FT	70		0		0		0	0		0		0		0		0		
85.61	85.70		F2QM		0		0		0		0	0		0		0		0		0		
85.70	85.86		A1Q		0		0		0		0	0		0		0		0		0		
86.04	86.11		A1Q		0		0		0		0	0		0		0		0		0		
86.11	86.18		F2QM		0		0		0		0	0		0		0		0		0		
86.18	86.28		A1Q		0		0		0		0	0		0		0		0		0		
86.28	86.31		F2QM		0		0		0		0	0		0		0		0		0		
86.31	86.34		A1Q		0		0		0		0	0		0		0		0		0		
89.45	89.52		K1Q		0		0		0		0	0		0		0		0		0		
89.64	89.69		A1Q		0		0		0		0	0		0		0		0		0		
89.69	89.69		FIQM		0		0		0		0	0		0		0		0		0		
89.69	89.70		Y1ST	ST	70		0		0		0	0		0		0		0		0		
89.70	89.71		FIQM		0		0		0		0	0		0		0		0		0		
89.94	90.37		A1Q		0		0		0		0	0		0		0		0		0		
90.37	90.38		Y1QV	V	80		0		0		0	0		0		0		0		0		
90.38	90.44		A1Q		0		0		0		0	0		0		0		0		0		
90.44	90.46		FIQM		0		0		0		0	0		0		0		0		0		
90.46	92.22		A1Q		0		0		0		0	0		0		0		0		0		
90.98	90.99		FIQM		0		0		0		0	0		0		0		0		0		
90.99	91.00		Y2ST	ST	70		0		0		0	0		0		0		0		0		
91.00	91.03		FIQM		0		0		0		0	0		0		0		0		0		
92.00	92.02		FIQM		0		0		0		0	0		0		0		0		0		
92.02	92.04		Y5QV	V	80		0		0		0	0		0		0		0		0		
93.01	93.03		A1Q		0		0		0		0	0		0		0		0		0		
93.03	93.06		FIQM		0		0		0		0	0		0		0		0		0		
93.06	93.25		A1Q		0		0		0		0	0		0		0		0		0		
93.25	93.26		F2QM		0		0		0		0	0		0		0		0		0		
93.26	93.27		Y1QV	V	80		0		0		0	0		0		0		0		0		
93.27	93.29		F2QM		0		0		0		0	0		0		0		0		0		
93.29	93.47		A1Q		0		0		0		0	0		0		0		0		0		
93.95	94.04		A1Q		0		0		0		0	0		0		0		0		0		
94.04	94.05		FIQM		0		0		0		0	0		0		0		0		0		
94.05	94.06		A1Q		0		0		0		0	0		0		0		0		0		
94.26	94.30		A1Q		0		0		0		0	0		0		0		0		0		
94.30	94.33		FIQM		0		0		0		0	0		0		0		0		0		
94.33	94.35		Y2ST	ST	85		0		0		0	0		0		0		0		0		
94.35	94.46		FIQM		0		0		0		0	0		0		0		0		0		
94.46	94.51		A1Q		0		0		0		0	0		0		0		0		0		
95.53	95.58		A1Q		0		0		0		0	0		0		0		0		0		
95.58	95.61		FIQM		0		0		0		0	0		0		0		0		0		
95.61	95.62		ST	ST	80		0		0		0	0		0		0		0		0		
95.62	95.64		FIQM		0		0		0		0	0		0		0		0		0		
95.64	95.71		A1Q		0		0		0		0	0		0		0		0		0		
95.97	96.00		A1Q		0		0		0		0	0		0		0		0		0		
96.00	96.02		FIQM		0		0		0		0	0		0		0		0		0		
96.02	96.03		Y1ST	ST	85		0		0		0	0		0		0		0		0		
96.03	96.05		FIQM		0		0		0		0	0		0		0		0		0		
96.05	96.11		A1Q		0		0		0		0	0		0		0		0		0		
96.11	96.12		FIQM		0		0		0		0	0		0		0		0		0		

# Diamond Drill Geology Record

HOLE NUMBER: **SND05421**

DATE: 8/09/2005

LOGGED BY JM DM

FROM (m)	TO (m)	MAIN ROCK	MINOR ROCK	STRUCT	ANGLE	ALT1	ALT1%	ALT2	ALT2%	ALT3	ALT3%	PY%	SULF1	SULF1%	SULF2	SULF2%	SULF3	SULF3%	GANGUE	GANGUE%	COMMENTS	
96.12	96.13		Y1ST	ST	80		0		0		0	0		0		0		0		0		
96.13	96.19		A1Q		0		0		0		0	0		0		0		0		0		
96.32	96.34		A1Q		0		0		0		0	0		0		0		0		0		
96.34	96.34		F2QM		0		0		0		0	0		0		0		0		0		
96.34	96.37		A1Q		0		0		0		0	0		0		0		0		0		
96.64	96.69		A1Q		0		0		0		0	0		0		0		0		0		
96.69	96.69		Y3ST	ST	80		0		0		0	0		0		0		0		0		
96.69	96.73		F1QM		0		0		0		0	0		0		0		0		0		
96.73	96.73		Y2ST	ST	80		0		0		0	0		0		0		0		0		
96.73	96.77		F1QM		0		0		0		0	0		0		0		0		0		
96.77	96.79		Y2QV	V	85		0		0		0	0		0		0		0		0		
96.79	96.84		F1QM		0		0		0		0	0		0		0		0		0		
96.84	96.88		A1Q		0		0		0		0	0		0		0		0		0		
96.88	96.92		F1QM		0		0		0		0	0		0		0		0		0		
96.92	96.92		Y2ST	ST	70		0		0		0	0		0		0		0		0		
96.92	96.93		F1QM		0		0		0		0	0		0		0		0		0		
96.93	96.94		ST	ST	70		0		0		0	0		0		0		0		0		
96.94	96.96		F1QM		0		0		0		0	0		0		0		0		0		
96.96	96.98		PIAP	D	65		0		0		0	0		0		0		0		0		
96.97	96.97		Y5ST	ST	80		0		0		0	0		0		0		0		0		
96.98	97.21		A1Q		0		0		0		0	0		0		0		0		0		
97.43	97.45		A1Q		0		0		0		0	0		0		0		0		0		
97.45	97.45		Y4ST	ST	70		0		0		0	0		0		0		0		0		
97.45	97.56		A1Q		0		0		0		0	0		0		0		0		0		
97.56	97.59		F1QM		0		0		0		0	0		0		0		0		0		
97.59	97.69		A1Q		0		0		0		0	0		0		0		0		0		
97.69	97.73		F1QM		0		0		0		0	0		0		0		0		0		
97.73	97.76		A1Q		0		0		0		0	0		0		0		0		0		
97.76	101.93	<b>P2QM</b>			0		0		0		0	0		0		0		0		0		
98.40	98.42		A1Q		0		0		0		0	0		0		0		0		0		
98.42	98.44		F1QM		0		0		0		0	0		0		0		0		0		
98.44	98.44		ST	ST	80		0		0		0	0		0		0		0		0		
98.44	98.46		F1QM		0		0		0		0	0		0		0		0		0		
98.46	98.47		A1Q		0		0		0		0	0		0		0		0		0		
99.11	99.11		Y2ST	ST	80		0		0		0	0		0		0		0		0		
99.55	99.56		A1Q		0		0		0		0	0		0		0		0		0		
99.56	99.57		F1QM		0		0		0		0	0		0		0		0		0		
99.57	99.58		A1Q		0		0		0		0	0		0		0		0		0		
101.76	101.76		Y5ST	ST	70		0		0		0	0		0		0		0		0		
101.93	102.79	<b>A1QM</b>			0		0		0		0	0		0		0		0		0		
102.46	102.69		PIQM		0		0		0		0	0		0		0		0		0		
102.70	102.74		F1QM		0		0		0		0	0		0		0		0		0		
102.79	105.50	<b>PIQM</b>			0		0		0		0	0		0		0		0		0		
103.54	103.61		A1Q		0		0		0		0	0		0		0		0		0		
103.61	103.61		Y2ST	ST	70		0		0		0	0		0		0		0		0		
103.61	103.65		F1QM		0		0		0		0	0		0		0		0		0		
103.65	104.19		A1Q		0		0		0		0	0		0		0		0		0		
105.50	108.54	<b>A1QM</b>			0		0		0		0	0		0		0		0		0		
105.55	105.56		ST	ST	20		0		0		0	0		0		0		0		0		
106.21	106.38		GG	FT	0		0		0		0	0		0		0		0		0		
108.43	108.46		F1QM		0		0		0		0	0		0		0		0		0		
108.46	108.47		Y1ST	ST	75		0		0		0	0		0		0		0		0		
108.47	108.51		F1QM		0		0		0		0	0		0		0		0		0		
108.51	108.54		A1Q		0		0		0		0	0		0		0		0		0		

# Diamond Drill Geology Record

HOLE NUMBER: **SND05421**

DATE: 8/09/2005

LOGGED BY JM DM

FROM (m)	TO (m)	MAIN ROCK	MINOR ROCK	STRUCT	ANGLE	ALT1	ALT1%	ALT2	ALT2%	ALT3	ALT3%	PV%	SULF1	SULF1%	SULF2	SULF2%	SULF3	SULF3%	GANGUE	GANGUE%	COMMENTS	
108.54	124.05	PIQM			0		0		0		0			0		0		0		0		
109.09	109.13		AIQ		0		0		0		0			0		0		0		0		
109.13	109.14		FIQM		0		0		0		0			0		0		0		0		
109.14	109.14		Y4ST	ST	80		0		0		0			0		0		0		0		
109.14	109.15		FIQM		0		0		0		0			0		0		0		0		
109.15	109.18		AIQ		0		0		0		0			0		0		0		0		
109.53	109.53		Y1ST	ST	80		0		0		0			0		0		0		0		
109.94	109.95		Y1ST	ST	60		0		0		0			0		0		0		0		
111.25	111.27		Y2ST	ST	80		0		0		0			0		0		0		0		
111.90	111.93		GG	FT	15		0		0		0			0		0		0		0		
113.08	113.09		FIQM		0		0		0		0			0		0		0		0		
113.09	113.09		Y1ST	ST	75		0		0		0			0		0		0		0		
113.09	113.10		FIQM		0		0		0		0			0		0		0		0		
113.76	113.78		FIQM		0		0		0		0			0		0		0		0		
115.06	115.07		FIQM		0		0		0		0			0		0		0		0		
115.07	115.08		ST	ST	60		0		0		0			0		0		0		0		
115.08	115.09		FIQM		0		0		0		0			0		0		0		0		
115.19	115.22		FIQM		0		0		0		0			0		0		0		0		
115.22	115.22		ST	ST	80		0		0		0			0		0		0		0		
115.22	115.23		FIQM		0		0		0		0			0		0		0		0		
115.50	115.50		Y3ST	ST	70		0		0		0			0		0		0		0		
115.98	115.99		FIQM		0		0		0		0			0		0		0		0		
115.99	115.99		ST	ST	60		0		0		0			0		0		0		0		
115.99	116.00		FIQM		0		0		0		0			0		0		0		0		
121.75	121.79		GG	FT	4		0		0		0			0		0		0		0		
121.87	122.09		GG	FT	0		0		0		0			0		0		0		0		
122.71	122.72		FIQM		0		0		0		0			0		0		0		0		
122.72	122.73		Y1ST	ST	75		0		0		0			0		0		0		0		
122.73	122.75		FIQM		0		0		0		0			0		0		0		0		
123.19	123.20		FIQM		0		0		0		0			0		0		0		0		
124.05	124.69	AIQM			0		0		0		0			0		0		0		0		
124.60	124.61		FIQM		0		0		0		0			0		0		0		0		
124.69	125.91	PIQM			0		0		0		0			0		0		0		0		
125.63	125.71		KIQ		0		0		0		0			0		0		0		0		
125.91	136.87	AIQM			0		0		0		0			0		0		0		0		
127.94	127.95		ST	ST	45		0		0		0			0		0		0		0		
130.38	130.45		GG	FT	5		0		0		0			0		0		0		0		
131.60	131.61		GG	FT	50		0		0		0			0		0		0		0		
132.11	132.21		GG	FT	25		0		0		0			0		0		0		0		
133.89	133.90		ST	ST	20		0		0		0			0		0		0		0		
134.27	134.29		FIQM		0		0		0		0			0		0		0		0		
134.29	134.29		Y1ST	ST	60		0		0		0			0		0		0		0		
134.29	134.32		FIQM		0		0		0		0			0		0		0		0		
135.63	135.68		GG	FT	70		0		0		0			0		0		0		0		
135.90	135.91		GG	FT	80		0		0		0			0		0		0		0		
135.93	135.95		GG	FT	70		0		0		0			0		0		0		0		
136.02	136.02		ST	ST	70		0		0		0			0		0		0		0		
136.24	136.25		Y5ST	ST	70		0		0		0			0		0		0		0		
136.66	136.71		FIQM		0		0		0		0			0		0		0		0		
136.70	136.70		ST	ST	75		0		0		0			0		0		0		0		
136.87	179.60	P2QM			0		0		0		0			0		0		0		0		
137.98	138.06		AIQ		0		0		0		0			0		0		0		0		
138.01	138.02		Y2ST	ST	70		0		0		0			0		0		0		0		
138.46	138.58		AIQ		0		0		0		0			0		0		0		0		



# Diamond Drill Geology Record

HOLE NUMBER: **SND05421**

DATE: 8/09/2005

LOGGED BY JM DM

FROM (m)	TO (m)	MAIN ROCK	MINOR ROCK	STRUCT	ANGLE	ALT1	ALT1%	ALT2	ALT2%	ALT3	ALT3%	PV%	SULF1	SULF1%	SULF2	SULF2%	SULF3	SULF3%	GANGUE	GANGUE%	COMMENTS	
187.91	188.01		Y1GG	FT	0		0		0		0			0		0		0		0		
188.17	194.90	K1QM			0		0		0		0			0		0		0		0		
190.21	190.27		QV	V	25		0		0		0			0		0		0		0		
191.15	191.16		ST	ST	30		0		0		0			0		0		0		0		
191.38	191.39		ST	ST	50		0		0		0			0		0		0		0		
191.60	191.60		ST	ST	45		0		0		0			0		0		0		0		
191.93	192.00		GG	FT	5		0		0		0			0		0		0		0		
192.84	192.93		GG	FT	0		0		0		0			0		0		0		0		
194.90	195.87	QM			0		0		0		0			0		0		0		0		
195.87	196.32	K1QM			0		0		0		0			0		0		0		0		
196.32	196.47	K2QM			0		0		0		0			0		0		0		0		
196.47	197.80	GD			0		0		0		0			0		0		0		0		
197.80	203.36	K3GD			0	C	5		0		0			0		0		0		0		
200.98	200.99		ST	ST	20		0		0		0			0		0		0		0		
201.65	201.65		ST	ST	50		0		0		0			0		0		0		0		
201.72	201.72		PIAP	D	65		0		0		0			0		0		0		0		
203.36	205.37	K2GD			0	C	5	Q	5		0			0		0		0		0		
204.96	204.96		CBST	ST	70		0		0		0			0		0		0		0		
205.37	205.64	GD			0		0		0		0			0		0		0		0		
205.64	207.00	K2GD			0		0		0		0			0		0		0		0		
206.18	206.35		X5GD		0		0		0		0			0		0		0		0		
207.00	207.26	GD			0		0		0		0			0		0		0		0		
207.26	209.27	K2GD			0		0		0		0			0		0		0		0		
208.32	208.35		ST	ST	20		0		0		0			0		0		0		0		
208.61	208.62		GG	FT	55		0		0		0			0		0		0		0		
208.78	208.79		GG	FT	60		0		0		0			0		0		0		0		
209.27	209.40	GD			0		0		0		0			0		0		0		0		
209.40	223.27	K2GD			0		0		0		0			0		0		0		0		
211.68	211.70		GG	FT	45		0		0		0			0		0		0		0		
212.09	212.12		GG	FT	50		0		0		0			0		0		0		0		
212.43	212.54		GG	FT	0		0		0		0			0		0		0		0		
213.92	213.94		GG	FT	70		0		0		0			0		0		0		0		
215.51	215.52		ST	ST	20		0		0		0			0		0		0		0		
216.91	216.92		Y1ST	ST	55		0		0		0			0		0		0		0		
218.64	218.64		CBST	ST	50		0		0		0			0		0		0		0		
219.31	219.31		GG	FT	45		0		0		0			0		0		0		0		
219.42	219.43		CBST	ST	35		0		0		0			0		0		0		0		
219.74	219.76		Y2GG	FT	75		0		0		0			0		0		0		0		
223.27	227.11	A2GD			0		0		0		0			0		0		0		0		
223.70	223.71		GG	FT	70		0		0		0			0		0		0		0		
224.49	224.51		GG	FT	20		0		0		0			0		0		0		0		
224.64	224.66		GG	FT	0		0		0		0			0		0		0		0		
225.69	225.71		GG	FT	60		0		0		0			0		0		0		0		
225.71	225.71		Y5ST	ST	60		0		0		0			0		0		0		0		
225.97	225.99		F2GD		0		0		0		0			0		0		0		0		
226.12	226.14		F3GD		0		0		0		0			0		0		0		0		
226.13	226.14		Y5ST	ST	50		0		0		0			0		0		0		0		
226.93	227.06		F4GD		0		0		0		0			0		0		0		0		
227.05	227.06		Y4ST	ST	75		0		0		0			0		0		0		0		
227.11	227.24	Y4QV		V	45		0		0		0	30	CP	5	G	2		0		0		
227.24	228.16	A2GD			0		0		0		0			0		0		0		0		
227.83	228.16		F4GD		0		0		0		0			0		0		0		0		
228.16	228.76	Y5QV		V	40		0		0		0	30	G	5	CP	3		0		0		
228.76	230.88	A2GD			0		0		0		0			0		0		0		0		

# Diamond Drill Geology Record

HOLE NUMBER: **SND05421**

DATE: 8/09/2005

LOGGED BY JM DM

FROM (m)	TO (m)	MAN ROCK	MINOR ROCK	STRUCT	ANGLE	ALT1	ALT1%	ALT2	ALT2%	ALT3	ALT3%	PY%	SULF1	SULF1%	SULF2	SULF2%	SULF3	SULF3%	GANGUE	GANGUE%	COMMENTS	
228.90	228.91		Y2GG	FT	70		0		0		0	0		0		0		0		0		
228.91	229.28		F4GD		0		0		0		0	0		0		0		0		0		
230.02	230.04		F2GD		0		0		0		0	0		0		0		0		0		
230.48	230.55		F3GD		0		0		0		0	0		0		0		0		0		
230.51	230.51		Y2ST	ST	65		0		0		0	0		0		0		0		0		
230.74	230.74		Y5ST	ST	50		0		0		0	0		0		0		0		0		
230.81	230.84		F2GD		0		0		0		0	0		0		0		0		0		
230.88	234.01	<b>K1GD</b>			0	C	5		0		0	0		0		0		0		0		
231.10	231.13		A2GD		0		0		0		0	0		0		0		0		0		
231.11	231.12		F2GD		0		0		0		0	0		0		0		0		0		
231.57	231.59		F2GD		0		0		0		0	0		0		0		0		0		
231.58	231.58		Y1ST	ST	55		0		0		0	0		0		0		0		0		
231.96	231.99		AP	D	80		0		0		0	0		0		0		0		0		
232.44	232.62		A2GD		0		0		0		0	0		0		0		0		0		
232.49	232.50		F2GD		0		0		0		0	0		0		0		0		0		
232.59	232.60		Y1ST	ST	45		0		0		0	0		0		0		0		0		
232.75	232.98		A2GD		0		0		0		0	0		0		0		0		0		
232.87	232.88		F2GD		0		0		0		0	0		0		0		0		0		
233.43	233.44		F2GD		0		0		0		0	0		0		0		0		0		
233.44	233.45		Y2ST	ST	80		0		0		0	0		0		0		0		0		
233.79	233.79		Y3ST	ST	60		0		0		0	0		0		0		0		0		
233.88	233.88		ST	ST	75		0		0		0	0		0		0		0		0		
234.01	234.51	<b>A2AV</b>			0		0		0		0	0		0		0		0		0		
234.51	235.78	<b>A2GD</b>			0		0		0		0	0		0		0		0		0		
234.86	234.86		Y5ST	ST	70		0		0		0	0		0		0		0		0		
235.78	238.35	<b>A1AV</b>			0		0		0		0	0		0		0		0		0		
238.35	238.40	<b>GG</b>	FT	12	0		0		0		0	0		0		0		0		0		
238.40	249.59	<b>A2GD</b>			0		0		0		0	0		0		0		0		0		
238.84	238.85		Y3ST	ST	70		0		0		0	0		0		0		0		0		
241.95	241.96		Y1ST	ST	50		0		0		0	0		0		0		0		0		
242.74	242.75		Y1ST	ST	30		0		0		0	0		0		0		0		0		
242.87	242.87		ST	ST	75		0		0		0	0		0		0		0		0		
243.07	243.09		Y2ST	ST	20		0		0		0	0		0		0		0		0		
243.48	243.50		F2GD		0		0		0		0	0		0		0		0		0		
243.48	243.49		Y3ST	ST	85		0		0		0	0		0		0		0		0		
243.84	243.84		Y1ST	ST	80		0		0		0	0		0		0		0		0		
246.79	246.81		Y2GG	FT	25		0		0		0	0		0		0		0		0		
247.64	247.70		GG	FT	0		0		0		0	0		0		0		0		0		
247.78	247.82		GG	FT	15		0		0		0	0		0		0		0		0		
249.59	257.95	<b>GD</b>			0		0		0		0	0		0		0		0		0		
257.95	270.36	<b>K1QM</b>			0	C	5		0		0	0		0		0		0		0		
258.47	258.47		Y1ST	ST	80		0		0		0	0		0		0		0		0		
259.03	259.03		GG	FT	55		0		0		0	0		0		0		0		0		
259.35	259.57		K3Q		0		0		0		0	0		0		0		0		0		
259.74	259.75		GG	FT	75		0		0		0	0		0		0		0		0		
269.74	269.75		F2QM		75		0		0		0	0		0		0		0		0		

# Almaden Minerals Diamond Drill Record

**PROPERTY:** Elk **HOLE-ID:** SND05422 **DEPTH:** 309.37  
**AREA:** WD **EASTING:** 2494.91 **DATE START:** 8/13/1905  
**CLAIM:** SNML **NORTHING:** 3452.49 **DATE FINISH:** 8/19/1905  
**SECTION:** 2495E **ELEVATION:** 1643.30 **CONTRACTOR:** Leclerc Drilling Ltd 38  
**CORE SIZE:** NQ **RECOVERY:** 0.00 **RQD:** 0.00 **CORE STORED AT:** Elk Rack C Bay 30 **LOGGED BY:** JM DM

**COMMENTS** Hole 422 was drilled to test the WD zones. An 8 and 22 cm Y1QV were intersected at the projected location of the Wda vein.

## ASSAY AVERAGES

FROM	TO	INT	TW	ZONE	AU OZ/T	AG OZ/T	SG
18.87	45.50	26.63	26.16	Bb	0.011	0.009	2.69
20.74	21.77	1.03	1.00	A	0.047	0.075	2.61
25.95	26.46	0.51	0.50	Ba	0.303	0.171	2.66
26.16	39.11	12.95	12.73	Bb	0.018	0.012	2.69
29.15	29.66	0.51	0.50	Bb	0.130	0.137	2.68
38.60	39.11	0.51	0.50	C	0.040	0.000	2.65
44.38	44.89	0.51	0.50	X	0.005	0.000	2.73
258.16	259.78	1.62	0.50	WD	0.293	0.343	2.66

# Sample Results

HOLE-ID SND05422

FROM (m)	TO (m)	Sample Number	Int (m)	GEOLOGICAL	Analysis		Fire Assay		Metallics Assay		Reduced Results	
					AU ppb	AG gm/l	AU oz/t	AG oz/t	AU oz/t	AG oz/t	AU oz/t	AG oz/t
20.74	21.64	422-1	0.90	Y3OV	0.0	0.0	0.054	0.087	0.000	0.000	0.054	0.087
21.68	22.28	422-2	0.60	Y2OV	0.0	0.0	0.004	0.029	0.000	0.000	0.004	0.000
24.49	24.79	422-3	0.30	F3OM	0.0	0.0	0.006	0.029	0.000	0.000	0.006	0.000
26.16	26.46	422-5	0.30	Y5OV	0.0	0.0	0.519	0.292	0.000	0.000	0.519	0.292
29.36	29.66	422-4	0.30	Y3OV	0.0	0.0	0.221	0.233	0.000	0.000	0.221	0.233
34.03	34.33	422-6	0.30	Y4ST	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
38.81	39.11	422-7	0.30	Y4OV	0.0	0.0	0.069	0.029	0.000	0.000	0.069	0.000
41.17	41.47	422-8	0.30	Y2ST	0.0	0.0	0.021	0.029	0.000	0.000	0.021	0.000
42.56	43.06	422-9	0.50	DUPL	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.000
43.24	43.54	422-17	0.30	Y1ST	0.0	0.0	0.002	0.029	0.000	0.000	0.002	0.000
44.58	44.88	422-13	0.30	Y5OV	0.0	0.0	0.008	0.029	0.000	0.000	0.008	0.000
45.50	45.80	422-14	0.30	Y3ST	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.000
48.24	48.54	422-15	0.30	Y2ST	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
51.37	51.67	422-16	0.30	Y5ST	0.0	0.0	0.004	0.029	0.000	0.000	0.004	0.000
53.50	53.80	422-18	0.30	Y1ST	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
70.35	70.65	422-19	0.30	QV	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
76.89	77.19	422-21	0.30	Y2GG	0.0	0.0	0.002	0.029	0.000	0.000	0.002	0.000
80.93	81.23	422-20	0.30	Y1GG	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
84.97	85.27	422-22	0.30	Y1ST	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.000
86.07	86.38	422-23	0.30	Y2GG	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.000
87.68	87.99	422-24	0.30	Y1ST	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.000
91.77	92.07	422-26	0.30	Y2QV	0.0	0.0	0.005	0.029	0.000	0.000	0.005	0.000
92.53	92.83	422-25	0.30	QV	0.0	0.0	0.003	0.029	0.000	0.000	0.003	0.000
98.09	98.39	422-27	0.30	Y5ST	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.000
102.21	102.50	422-28	0.30	F1OM	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
103.89	104.19	422-30	0.30	QV	0.0	0.0	0.004	0.029	0.000	0.000	0.004	0.000
105.45	105.75	422-33	0.30	Y2QV	0.0	0.0	0.010	0.058	0.000	0.000	0.010	0.058
106.15	107.05	422-34	0.90	Y2ST	0.0	0.0	0.003	0.029	0.000	0.000	0.003	0.000
110.22	110.62	422-35	0.40	Y2ST	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
111.70	112.10	422-36	0.40	Y1ST	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
113.33	113.63	422-37	0.30	Y2OV	0.0	0.0	0.009	0.058	0.000	0.000	0.009	0.058
115.33	115.93	422-38	0.60	Y3OV	0.0	0.0	0.002	0.029	0.000	0.000	0.002	0.000
126.71	127.00	422-39	0.30	Y4ST	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.000
139.86	140.16	422-40	0.30	Y2QV	0.0	0.0	0.018	0.029	0.000	0.000	0.018	0.000
150.03	150.43	422-41	0.40	Y4ST	0.0	0.0	0.003	0.029	0.000	0.000	0.003	0.000
152.93	153.24	422-42	0.30	Y2GG	0.0	0.0	0.004	0.029	0.000	0.000	0.004	0.000



# Sample Results

HOLE-ID SND05422

FROM (m)	TO (m)	Sample Number	Int (m)	GEOL	Analysis		Fire Assay		Metallics Assay		Reduced Results	
					AU ppb	AG gm/t	AU oz/t	AG oz/t	AU oz/t	AG oz/t	AU oz/t	AG oz/t
161.55	161.85	422-43	0.30	Y2ST	0.0	0.0	0.015	0.029	0.000	0.000	0.015	0.000
197.21	197.51	422-44	0.30	Y2GG	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
208.73	209.03	422-45	0.30	Y2GG	0.0	0.0	0.047	0.029	0.000	0.000	0.047	0.000
252.47	252.87	422-46	0.40	Y2GG	0.0	0.0	0.053	0.262	0.000	0.000	0.053	0.262
255.37	255.67	422-47	0.30	Y1GG	0.0	0.0	0.004	0.029	0.000	0.000	0.004	0.000
256.98	257.98	422-48	1.00	F2GD	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
257.98	258.38	422-50	0.40	DUPL	0.0	0.0	0.068	0.204	0.000	0.000	0.068	0.204
258.38	258.78	422-53	0.40	Y1OV	0.0	0.0	0.523	0.612	0.000	0.000	0.523	0.612
258.78	259.78	422-54	1.00	F3GD	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000

# Down Hole Survey Data

Hole Number *SND05422*

Core Size

Hole Depth

DISTANCE	DIP	AZIMUTH	MAGDIP	TESLAS
0	-78	0.0	0	0
13.72	-79	357.3	0	0
28.96	-78	354.8	0	0
44.2	-79	357.3	0	0
59.44	-79	356.5	0	0
74.68	-79	356.6	0	0
89.92	-78	355.3	0	0
105.16	-78	358.4	0	0
120.4	-78	359.1	0	0
135.64	-78	357.1	0	0
150.88	-78	358.8	0	0
166.12	-78	358.3	0	0
181.36	-78	1.2	0	0
196.6	-78	0.2	0	0
211.84	-78	358.3	0	0
227.08	-78	1.1	0	0
242.32	-79	1.5	0	0
257.56	-79	4.2	0	0
272.8	-79	4.6	0	0
288.04	-79	5.7	0	0
303.28	-79	5.0	0	0





# Diamond Drill Geology Record

HOLE NUMBER: **SND05422**

DATE: 8/13/1905

LOGGED BY JM DM

FROM (m)	TO (m)	MAIN ROCK	MINOR ROCK	STRUCT	ANGLE	ALT1	ALT1%	ALT2	ALT2%	ALT3	ALT3%	PV%	SULF1	SULF1%	SULF2	SULF2%	SULF3	SULF3%	GANQUE	GANQUE%	COMMENTS	
85.13	85.13		Y1ST	ST	70		0		0		0	0		0		0		0		0		
86.22	86.23		Y2GG	FT	80		0		0		0	0		0		0		0		0		
87.82	87.82		Y1ST	ST	65		0		0		0	0		0		0		0		0		
91.92	91.93		Y2QV	V	80		0		0		0	0		0		0		0		0		
92.59	92.62		GG	FT	40		0		0		0	0		0		0		0		0		
92.62	92.71		QV	V	40		0		0		0	0		0		0		0		0		
97.38	97.43		F1QM		0		0		0		0	0		0		0		0		0		
98.26	98.26		Y5ST	ST	80		0		0		0	0		0		0		0		0		
98.31	98.35		F1QM		0		0		0		0	0		0		0		0		0		
101.21	101.90	P2QM			0		0		0		0	0		0		0		0		0		
101.90	103.64	K3QM			0	C	15		0		0	0		0		0		0		0		
102.33	102.40		F1QM		0		0		0		0	0		0		0		0		0		
103.64	105.70	A2QM			0		0		0		0	0		0		0		0		0		
103.96	104.16		F1QM		0		0		0		0	0		0		0		0		0		
104.01	104.03		QV	V	75		0		0		0	0		0		0		0		0		
104.12	104.13		ST	ST	75		0		0		0	0		0		0		0		0		
105.14	105.16		GG	FT	0		0		0		0	0		0		0		0		0		
105.46	105.65		F1QM		0		0		0		0	0		0		0		0		0		
105.57	105.61		Y2QV		0		0		0		0	0		0		0		0		0		
105.70	106.10	P2QM			0		0		0		0	0		0		0		0		0		
106.10	107.69	A1QM			0		0		0		0	0		0		0		0		0		
106.76	106.81		ST	ST	75		0		0		0	0		0		0		0		0		
107.36	107.36		Y2ST	ST	90		0		0		0	0		0		0		0		0		
107.60	107.60		Y2ST	ST	80		0		0		0	0		0		0		0		0		
107.69	108.43	P2QM			0		0		0		0	0		0		0		0		0		
107.98	107.99		Y2ST	ST	80		0		0		0	0		0		0		0		0		
108.43	109.58	A1QM			0		0		0		0	0		0		0		0		0		
108.89	108.99		F1QM		0		0		0		0	0		0		0		0		0		
108.92	108.93		ST	ST	80		0		0		0	0		0		0		0		0		
109.58	166.53	P2QM			0		0		0		0	0		0		0		0		0		
110.22	110.57		F1QM		0		0		0		0	0		0		0		0		0		
110.33	110.35		ST	ST	85		0		0		0	0		0		0		0		0		
110.47	110.51		QV	V	60		0		0		0	0		0		0		0		0		
110.51	110.52		GG	FT	60		0		0		0	0		0		0		0		0		
110.57	110.62		A1Q		0		0		0		0	0		0		0		0		0		
110.67	110.72		A1Q		0		0		0		0	0		0		0		0		0		
110.82	110.88		A1Q		0		0		0		0	0		0		0		0		0		
111.72	111.81		A1Q		0		0		0		0	0		0		0		0		0		
111.89	112.51		A1Q		0		0		0		0	0		0		0		0		0		
112.00	112.00		Y1ST	ST	85		0		0		0	0		0		0		0		0		
112.55	112.60		A1Q		0		0		0		0	0		0		0		0		0		
113.17	113.23		A1Q		0		0		0		0	0		0		0		0		0		
113.33	113.55		ST	ST	40		0		0		0	0		0		0		0		0		
113.34	113.61		A1Q		0		0		0		0	0		0		0		0		0		
113.39	113.49		F1QM		0		0		0		0	0		0		0		0		0		
113.42	113.44		Y2ST	ST	70		0		0		0	0		0		0		0		0		
114.06	114.40		A1Q		0		0		0		0	0		0		0		0		0		
114.09	114.13		AD		0		0		0		0	0		0		0		0		0		
114.13	114.45		F1QM		0		0		0		0	0		0		0		0		0		
114.25	114.28		F2QM		0		0		0		0	0		0		0		0		0		
114.45	114.54		A1Q		0		0		0		0	0		0		0		0		0		
114.49	114.50		F1QM		0		0		0		0	0		0		0		0		0		
114.74	114.79		A1Q		0		0		0		0	0		0		0		0		0		
114.76	114.76		Y2ST	ST	85		0		0		0	0		0		0		0		0		











# Almaden Minerals Diamond Drill Record

<b>PROPERTY:</b>	Elk	<b>HOLE-ID:</b>	SND05423	<b>DEPTH:</b>	342.90	
<b>AREA:</b>	DpB	<b>EASTING:</b>	2139.78	<b>DATE START:</b>	8/19/1905	
<b>CLAIM:</b>	SNML	<b>NORTHING:</b>	3106.88	<b>DATE FINISH:</b>	8/24/1905	
<b>SECTION:</b>	2140E	<b>ELEVATION:</b>	1642.01	<b>CONTRACTOR:</b>	Leclerc Drilling Ltd 38	
<b>CORE SIZE:</b>	NQ	<b>RECOVERY:</b>	0.00	<b>RQD:</b>	0.00	
		<b>CORE STORED AT:</b>	Elk Rack C Bay 30		<b>LOGGED BY:</b>	JM DM

**COMMENTS** Hole 423 was drilled to test the DeepB zone. A 7cm Y3QV was intersected at the projected location of the PC vein and an 11cm Y2QV was intersected at the projected depth of the B zone. The downhole survey instrument was dropped to the bottom

## ASSAY AVERAGES

FROM	TO	INT	TW	ZONE	AU OZ/T	AG OZ/T	SG
162.65	163.22	0.57	0.50	-	0.270	0.936	2.73
199.49	200.10	0.61	0.50	-	0.065	0.209	2.81
225.03	225.53	0.50	0.50	PC	1.208	2.969	2.81
290.94	291.65	0.71	0.70	B	0.028	0.086	2.66
322.89	323.43	0.54	0.50	DpC	0.101	0.271	2.61

# Sample Results

HOLE-ID SND05423

FROM (m)	TO (m)	Sample Number	Int (m)	GEOL	Analysis		Fire Assay		Metallics Assay		Reduced Results	
					AU ppb	AG gm/t	AU oz/t	AG oz/t	AU oz/t	AG oz/t	AU oz/t	AG oz/t
59.31	59.61	423-1	0.30	Y1OV	0.0	0.0	0.005	0.029	0.000	0.000	0.005	0.000
60.24	60.54	423-2	0.30	Y1OV	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.000
65.29	65.59	423-3	0.30	Y1ST	0.0	0.0	0.003	0.029	0.000	0.000	0.003	0.000
104.45	104.75	423-4	0.30	Y1GG	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
120.50	121.00	423-5	0.50	Y1ST	0.0	0.0	0.003	0.029	0.000	0.000	0.003	0.000
121.19	121.79	423-6	0.60	Y4ST	0.0	0.0	0.011	0.029	0.000	0.000	0.011	0.000
121.90	122.20	423-7	0.30	F2QM	0.0	0.0	0.003	0.029	0.000	0.000	0.003	0.000
161.22	161.62	423-8	0.40	ST	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
161.89	162.39	423-9	0.50	Y1OV	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
162.72	163.22	423-10	0.50	Y5OV	0.0	0.0	0.311	1.079	0.000	0.000	0.311	1.079
193.42	193.82	423-11	0.40	Y2ST	0.0	0.0	0.034	0.029	0.000	0.000	0.034	0.000
199.11	199.41	423-13	0.30	F2GD	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
199.80	200.10	423-12	0.30	Y5OV	0.0	0.0	0.127	0.408	0.000	0.000	0.127	0.408
201.36	201.66	423-14	0.30	OV	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
203.24	204.04	423-16	0.80	F2GD	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.000
212.09	212.39	423-19	0.30	Y2ST	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.000
212.83	213.13	423-20	0.30	Y3ST	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
225.13	225.53	423-21	0.40	Y3OV	0.0	0.0	0.000	0.000	1.495	3.675	1.495	3.675
243.67	243.97	423-22	0.30	OV	0.0	0.0	0.002	0.262	0.000	0.000	0.002	0.262
267.72	268.02	423-23	0.30	Y1ST	0.0	0.0	0.110	0.233	0.000	0.000	0.110	0.233
290.95	291.65	423-24	0.70	Y1OV	0.0	0.0	0.028	0.087	0.000	0.000	0.028	0.087
294.16	294.56	423-25	0.40	Y2GG	0.0	0.0	0.014	0.029	0.000	0.000	0.014	0.000
301.15	301.55	423-26	0.40	Y2ST	0.0	0.0	0.041	0.029	0.000	0.000	0.041	0.000
322.13	323.13	423-27	1.00	GG	0.0	0.0	0.002	0.029	0.000	0.000	0.002	0.000
323.13	323.43	423-28	0.30	Y2QV	0.0	0.0	0.000	0.000	0.183	0.496	0.183	0.496
323.43	324.43	423-29	1.00	GD	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.000
332.86	333.16	423-30	0.30	Y3ST	0.0	0.0	0.003	0.029	0.000	0.000	0.003	0.000
333.91	334.21	423-31	0.30	Y3ST	0.0	0.0	0.010	0.029	0.000	0.000	0.010	0.000
335.84	336.34	423-32	0.50	Y3ST	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.000
336.66	336.96	423-33	0.30	Y3ST	0.0	0.0	0.026	0.087	0.000	0.000	0.026	0.087
338.36	338.66	423-34	0.30	Y2ST	0.0	0.0	0.016	0.029	0.000	0.000	0.016	0.000
340.76	341.16	423-36	0.40	Y1ST	0.0	0.0	0.004	0.029	0.000	0.000	0.004	0.000

# Down Hole Survey Data

Hole Number *SND05423*

Core Size

Hole Depth

DISTANCE	DIP	AZIMUTH	MAGDIP	TESLAS
0	-73	0.0	0	0
16.76	-73	0.2	0	0
32	-73	0.3	0	0
47.24	-73	1.5	0	0
62.48	-73	2.5	0	0
77.72	-73	2.6	0	0
92.96	-73	3.6	0	0
108.2	-73	2.8	0	0
123.44	-73	2.2	0	0
138.68	-73	1.4	0	0
153.92	-73	359.4	0	0
169.16	-73	1.0	0	0
184.4	-73	1.8	0	0
199.64	-73	0.8	0	0
214.88	-73	1.5	0	0
230.12	-73	1.9	0	0
245.36	-72	2.0	0	0
260.6	-73	2.3	0	0
275.84	-73	2.8	0	0
291.08	-73	4.3	0	0
306.32	-73	3.3	0	0
321.56	-73	3.3	0	0
336.8	-73	4.0	0	0



# Diamond Drill Geology Record

HOLE NUMBER: **SND05423**

DATE: 8/19/1905

LOGGED BY JM DM

FROM (m)	TO (m)	MAIN ROCK	MINOR ROCK	STRUCT	ANGLE	ALT1	ALT1%	ALT2	ALT2%	ALT3	ALT3%	PY%	SULF1	SULF1%	SULF2	SULF2%	SULF3	SULF3%	GANGUE	GANGUE%	COMMENTS	
78.23	78.26		GG	FT	75		0		0		0			0		0		0		0		
78.41	78.46		GG	FT	70		0		0		0			0		0		0		0		
81.56	81.56		GG	FT	70		0		0		0			0		0		0		0		
84.20	87.06	KIQM			0		0		0		0			0		0		0		0		
85.63	85.64		GG	FT	60		0		0		0			0		0		0		0		
86.64	86.68		GG	FT	25		0		0		0			0		0		0		0		
87.06	95.68	QM			0		0		0		0			0		0		0		0		
95.68	101.96	KIQM			0		0		0		0			0		0		0		0		
98.03	98.07		GG	FT	0		0		0		0			0		0		0		0		
99.80	99.83		GG	FT	0		0		0		0			0		0		0		0		
100.17	100.38		QM		0		0		0		0			0		0		0		0		
101.34	101.37		GG	FT	30		0		0		0			0		0		0		0		
101.80	101.82		GG	FT	70		0		0		0			0		0		0		0		
101.96	103.03	QM			0		0		0		0			0		0		0		0		
103.03	107.06	KZQM			0		0		0		0			0		0		0		0		
104.64	104.65		Y1GG	FT	20		0		0		0			0		0		0		0		
105.01	105.17		GG	FT	0		0		0		0			0		0		0		0		
107.06	107.44	QM			0		0		0		0			0		0		0		0		
107.44	159.83	GD			0		0		0		0			0		0		0		0		4% XENOS
108.39	108.54		A1GD		0		0		0		0			0		0		0		0		
108.43	108.44		GG	FT	40		0		0		0			0		0		0		0		
119.92	120.19		A1GD		0		0		0		0			0		0		0		0		
120.54	120.63		A1GD		0		0		0		0			0		0		0		0		
120.59	120.60		Y1ST	ST	80		0		0		0			0		0		0		0		
120.84	121.00		A1GD		0		0		0		0			0		0		0		0		
120.86	120.90		F1GD		0		0		0		0			0		0		0		0		
120.96	120.97		ST	ST	80		0		0		0			0		0		0		0		
120.97	120.98		F1GD		0		0		0		0			0		0		0		0		
121.26	121.33		F1GD		0		0		0		0			0		0		0		0		
121.29	121.30		Y4ST	ST	75		0		0		0			0		0		0		0		
121.36	121.40		A1GD		0		0		0		0			0		0		0		0		
121.38	121.38		ST	ST	80		0		0		0			0		0		0		0		
121.66	121.67		Y2ST	ST	80		0		0		0			0		0		0		0		
122.02	122.05		F2GD		0		0		0		0			0		0		0		0		
122.49	122.53		A3GD		0		0		0		0			0		0		0		0		
123.78	123.81		F1GD		0		0		0		0			0		0		0		0		
125.39	125.43		K1GD		0		0		0		0			0		0		0		0		
125.41	125.42		ST	ST	70		0		0		0			0		0		0		0		
125.72	125.72		ST	ST	80		0		0		0			0		0		0		0		
125.91	126.03		K1GD		0		0		0		0			0		0		0		0		
126.24	126.53		K1GD		0		0		0		0			0		0		0		0		
132.17	132.25		PG	D	0		0		0		0			0		0		0		0		
136.07	136.19		A2GD		0		0		0		0			0		0		0		0		
136.58	136.59		CBST	ST	70		0		0		0			0		0		0		0		
144.07	144.08		CBST	ST	40		0		0		0			0		0		0		0		
145.00	145.01		GG	FT	40		0		0		0			0		0		0		0		
149.24	149.26		GG	FT	50		0		0		0			0		0		0		0		
154.07	154.09		GG	FT	55		0		0		0			0		0		0		0		
154.15	154.22		GG	FT	50		0		0		0			0		0		0		0		
157.48	157.49		GG	FT	45		0		0		0			0		0		0		0		
158.35	158.38		K1GD		0	C	5		0		0			0		0		0		0		
158.65	158.76		A2GD		0		0		0		0			0		0		0		0		
158.87	158.88		GG	FT	70		0		0		0			0		0		0		0		
159.70	159.80		F2GD		0		0		0		0			0		0		0		0		









# Diamond Drill Geology Record

HOLE NUMBER: **SND05423**

DATE: 8/19/1905

LOGGED BY JM DM

FROM (m)	TO (m)	MAIN ROCK	MINOR ROCK	STRUCT	ANGLE	ALT1	ALT1%	ALT2	ALT2%	ALT3	ALT3%	Pv%	SULF1	SULF1%	SULF2	SULF2%	SULF3	SULF3%	GANGUE	GANGUE%	COMMENTS	
322.49	322.84		AP	D	50		0		0		0	0		0		0		0		0		
322.84	323.13		A2GD		0		0		0		0	0		0		0		0		0		
323.04	323.05		GG	FT	75		0		0		0	0		0		0		0		0		
323.13	323.45		F3GD		0		0		0		0	0		0		0		0		0		
323.18	323.20		GG	FT	80		0		0		0	0		0		0		0		0		
323.24	323.38	Y2QV		V	65		0		0		0	0		0		0		0		0		
323.32	323.38		QV	V	80		0		0		0	0		0		0		0		0		
323.38	327.97	K2GD			0		0		0		0	0		0		0		0		0		
323.45	323.49		A2GD		0		0		0		0	0		0		0		0		0		
325.35	325.37		GG	FT	30		0		0		0	0		0		0		0		0		
326.50	326.50		ST	ST	55		0		0		0	0		0		0		0		0		
326.82	326.89		GG	FT	40		0		0		0	0		0		0		0		0		
327.97	342.90	A1QM			0		0		0		0	0		0		0		0		0		
328.53	328.53		GG	FT	60		0		0		0	0		0		0		0		0		
328.99	329.03		A3Q		0		0		0		0	0		0		0		0		0		
329.73	329.75		GG	FT	60		0		0		0	0		0		0		0		0		
330.15	330.18		GG	FT	20		0		0		0	0		0		0		0		0		
330.30	330.31		GG	FT	20		0		0		0	0		0		0		0		0		
330.92	330.93		GG	FT	45		0		0		0	0		0		0		0		0		
331.34	331.36		AP	D	60		0		0		0	0		0		0		0		0		
332.58	332.59		GG	FT	65		0		0		0	0		0		0		0		0		
332.92	333.02		A1Q		0		0		0		0	0		0		0		0		0		
333.01	333.01		Y4ST	ST	62		0		0		0	0		0		0		0		0		
334.03	334.12		A1Q		0		0		0		0	0		0		0		0		0		
334.05	334.10		F1QM		0		0		0		0	0		0		0		0		0		
334.07	334.80		Y3ST	ST	60		0		0		0	0		0		0		0		0		
335.93	335.93		Y3ST	ST	70		0		0		0	0		0		0		0		0		
336.14	336.18		A1Q		0		0		0		0	0		0		0		0		0		
336.15	336.17		F1QM		0		0		0		0	0		0		0		0		0		
336.16	336.17		Y2ST	ST	50		0		0		0	0		0		0		0		0		
336.78	336.83		A1Q		0		0		0		0	0		0		0		0		0		
336.80	336.82		F1QM		0		0		0		0	0		0		0		0		0		
336.80	336.81		Y3ST	ST	55		0		0		0	0		0		0		0		0		
337.34	337.35		GG	FT	80		0		0		0	0		0		0		0		0		
338.45	338.46		Y2ST	ST	60		0		0		0	0		0		0		0		0		
338.55	338.55		Y2ST	ST	70		0		0		0	0		0		0		0		0		
340.32	340.33		GG	FT	45		0		0		0	0		0		0		0		0		
340.85	340.86		ST	ST	70		0		0		0	0		0		0		0		0		
341.09	341.10		Y1ST	ST	55		0		0		0	0		0		0		0		0		
341.38	341.45		AP	D	20		0		0		0	0		0		0		0		0		

# Almaden Minerals Diamond Drill Record

PROPERTY:	Elk	HOLE-ID:	SND05424	DEPTH:	364.24	
AREA:	DpB	EASTING:	2139.82	DATE START:	8/24/1905	
CLAIM:	SNML	NORTHING:	3106.71	DATE FINISH:	8/29/1905	
SECTION:	2140E	ELEVATION:	1641.99	CONTRACTOR:	Leclerc Drilling Ltd 38	
CORE SIZE:	NQ	RECOVERY:	0.00	RQD:	0.00	
		CORE STORED AT:	Elk Rack C Bay 30		LOGGED BY:	JM DM

**COMMENTS** Hole 424 was drilled to test the DeepB zone. A 5cm Y3QV was intersected at the projected location of the PC zone and an 11cm Y2QV was intersected at the projected location of the B zone.

## ASSAY AVERAGES

FROM	TO	INT	TW	ZONE	AU OZ/T	AG OZ/T	SG
232.56	233.07	0.51	0.50	PC	0.252	0.175	2.75
306.36	306.87	0.51	0.50	B	1.002	1.142	2.77
349.79	350.37	0.58	0.50	DpC	0.103	0.095	2.67

# Sample Results

HOLE-ID SND05424

FROM (m)	TO (m)	Sample Number	Int (m)	GEOLOGICAL	Analysis		Fire Assay		Metallics Assay		Reduced Results	
					AU ppb	AG gm/l	AU oz/t	AG oz/t	AU oz/t	AG oz/t	AU oz/t	AG oz/t
59.42	59.72	424-1	0.30	Y1QV	0.0	0.0	0.034	0.087	0.000	0.000	0.034	0.087
59.99	60.29	424-2	0.30	ST	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
60.83	61.13	424-3	0.30	OV	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
64.95	65.25	424-4	0.30	Y1ST	0.0	0.0	0.013	0.029	0.000	0.000	0.013	0.000
67.24	67.54	424-5	0.30	Y1ST	0.0	0.0	0.001	0.058	0.000	0.000	0.001	0.058
130.29	130.59	424-6	0.30	Y1GG	0.0	0.0	0.005	0.029	0.000	0.000	0.005	0.000
130.80	131.10	424-7	0.30	Y1GG	0.0	0.0	0.003	0.029	0.000	0.000	0.003	0.000
173.68	173.98	424-8	0.30	OV	0.0	0.0	0.009	0.029	0.000	0.000	0.009	0.000
178.04	178.34	424-9	0.30	ST	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
183.07	183.37	424-10	0.30	Y3QV	0.0	0.0	0.064	0.087	0.000	0.000	0.064	0.087
206.38	206.88	424-11	0.50	Y1ST	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
207.25	207.55	424-12	0.30	Y1QV	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
208.45	208.85	424-13	0.40	Y2QV	0.0	0.0	0.015	0.029	0.000	0.000	0.015	0.000
209.31	209.61	424-14	0.30	Y5ST	0.0	0.0	0.011	0.029	0.000	0.000	0.011	0.000
211.19	211.49	424-15	0.30	Y2ST	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
232.77	233.07	424-16	0.30	Y3QV	0.0	0.0	0.421	0.292	0.000	0.000	0.421	0.292
275.45	275.75	424-17	0.30	ST	0.0	0.0	0.002	0.029	0.000	0.000	0.002	0.000
299.45	299.75	424-19	0.30	DUPL	0.0	0.0	0.009	0.029	0.000	0.000	0.009	0.000
300.13	300.43	424-22	0.30	Y3QV	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
300.56	300.96	424-23	0.40	QV	0.0	0.0	0.002	0.029	0.000	0.000	0.002	0.000
301.80	302.10	424-27	0.30	Y1GG	0.0	0.0	0.019	0.029	0.000	0.000	0.019	0.000
305.47	306.47	424-24	1.00	ST	0.0	0.0	0.003	0.029	0.000	0.000	0.003	0.000
306.47	306.87	424-25	0.40	Y2QV	0.0	0.0	0.000	0.000	1.253	1.429	1.253	1.429
306.87	307.87	424-26	1.00	GG	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.000
310.46	310.76	424-28	0.30	Y4ST	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.000
317.79	318.09	424-29	0.30	Y1ST	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.000
349.97	350.37	424-30	0.40	Y5GG	0.0	0.0	0.158	0.146	0.000	0.000	0.158	0.146

# Down Hole Survey Data

Hole Number *SND05424*

Core Size

Hole Depth

DISTANCE	DIP	AZIMUTH	MAGDIP	TESLAS
0	-80	0.0	0	0
16.76	-80	1.0	0	0
28.96	-80	2.1	0	0
41.15	-80	4.3	0	0
53.34	-81	5.1	0	0
65.53	-80	6.1	0	0
77.72	-81	1.3	0	0
89.92	-80	6.7	0	0
102.11	-81	2.7	0	0
114.3	-80	6.6	0	0
126.49	-81	1.4	0	0
138.68	-81	4.1	0	0
150.88	-80	4.5	0	0
163.07	-80	8.1	0	0
175.26	-80	9.3	0	0
187.45	-80	8.9	0	0
199.64	-80	7.5	0	0
211.84	-81	3.7	0	0
224.03	-80	9.8	0	0
236.22	-80	10.4	0	0
248.41	-80	11.1	0	0
260.6	-81	10.0	0	0
272.8	-80	12.0	0	0
284.99	-81	5.8	0	0
297.18	-81	7.4	0	0
309.37	-81	9.4	0	0
321.56	-80	12.8	0	0
333.76	-81	6.4	0	0
345.95	-81	6.8	0	0
358.14	-81	7.6	0	0



# Diamond Drill Geology Record

HOLE NUMBER: **SND05424**

DATE: 8/24/1905

LOGGED BY JM DM

FROM (m)	TO (m)	MAIN ROCK	MINOR ROCK	STRUCT	ANGLE	ALT1	ALT1%	ALT2	ALT2%	ALT3	ALT3%	PV%	SULF1	SULF1%	SULF2	SULF2%	SULF3	SULF3%	GANGUE	GANGUE%	COMMENTS	
130.15	130.15		GG	FT	0		0		0		0	0		0		0		0		0		
130.35	130.45		GG	FT	0		0		0		0	0		0		0		0		0		
130.65	130.65		Y1GG	FT	80		0		0		0	0		0		0		0		0		
130.94	130.96		Y1GG	FT	70		0		0		0	0		0		0		0		0		
130.96	130.99		F1GD		0		0		0		0	0		0		0		0		0		
131.46	131.46		GG	FT	35		0		0		0	0		0		0		0		0		
131.59	131.59		GG	FT	90		0		0		0	0		0		0		0		0		
131.95	131.96		GG	FT	20		0		0		0	0		0		0		0		0		
132.24	132.25		GG	FT	15		0		0		0	0		0		0		0		0		
133.64	133.67		GG	FT	0		0		0		0	0		0		0		0		0		
134.68	134.71		A1GD		0		0		0		0	0		0		0		0		0		
134.74	134.87		A2GD		0		0		0		0	0		0		0		0		0		
134.87	135.01		GG	FT	35		0		0		0	0		0		0		0		0		
135.04	135.05		GG	FT	60		0		0		0	0		0		0		0		0		
135.18	135.18		GG	FT	40		0		0		0	0		0		0		0		0		
135.79	135.80		GG	FT	43		0		0		0	0		0		0		0		0		
138.11	138.18		GG	FT	65		0		0		0	0		0		0		0		0		
140.60	140.60		GG	FT	45		0		0		0	0		0		0		0		0		
145.50	145.54		GG	FT	50		0		0		0	0		0		0		0		0		
147.61	147.66		GG	FT	0		0		0		0	0		0		0		0		0		
147.84	147.87		GG	FT	0		0		0		0	0		0		0		0		0		
147.98	147.99		GG	FT	55		0		0		0	0		0		0		0		0		
148.13	148.32		GG	FT	35		0		0		0	0		0		0		0		0		
148.59	148.78		A3GD		0		0		0		0	0		0		0		0		0		
148.96	148.97		GG	FT	80		0		0		0	0		0		0		0		0		
150.06	150.07		GG	FT	40		0		0		0	0		0		0		0		0		
151.09	151.10		GG	FT	30		0		0		0	0		0		0		0		0		
154.21	154.23		GG	FT	15		0		0		0	0		0		0		0		0		
157.83	157.85		GG	FT	15		0		0		0	0		0		0		0		0		
159.65	159.65		GG	FT	30		0		0		0	0		0		0		0		0		
159.82	159.85		GG	FT	0		0		0		0	0		0		0		0		0		
159.91	159.93		GG	FT	0		0		0		0	0		0		0		0		0		
160.21	160.32		GG	FT	50		0		0		0	0		0		0		0		0		
161.82	161.82		GG	FT	50		0		0		0	0		0		0		0		0		
161.87	161.88		GG	FT	12		0		0		0	0		0		0		0		0		
164.13	164.18		AP	D	15		0		0		0	0		0		0		0		0		
165.10	165.52		GG	FT	70		0		0		0	0		0		0		0		0		
169.60	169.60		GG	FT	42		0		0		0	0		0		0		0		0		
169.84	169.88		GG	FT	60		0		0		0	0		0		0		0		0		
171.69	171.70		GG	FT	50		0		0		0	0		0		0		0		0		
173.69	173.88		X4GD		0		0		0		0	0		0		0		0		0		
173.88	173.95	QV		V	60		0		0		0	0		0		0		0		0		
173.95	175.75	AD		D	60		0		0		0	0		0		0		0		0		
175.47	175.48		CBST	ST	15		0		0		0	0		0		0		0		0		
175.67	175.71		A1AD		0		0		0		0	0		0		0		0		0		
175.71	175.75		GG	FT	60		0		0		0	0		0		0		0		0		
175.75	279.75	GD			0		0		0		0	0		0		0		0		0		
175.98	176.05		K2GD		0		0		0		0	0		0		0		0		0		
178.14	178.24		A1GD		0		0		0		0	0		0		0		0		0		
178.17	178.21		F1GD		0		0		0		0	0		0		0		0		0		
178.18	178.20		ST	ST	60		0		0		0	0		0		0		0		0		
178.42	178.46		A1GD		0		0		0		0	0		0		0		0		0		
179.74	179.74		GG	FT	20		0		0		0	0		0		0		0		0		
181.85	181.88		GG	FT	50		0		0		0	0		0		0		0		0		

# Diamond Drill Geology Record

HOLE NUMBER: **SND05424**

DATE: 8/24/1905

LOGGED BY JM DM

FROM (m)	TO (m)	MAIN ROCK	MINOR ROCK	STRUCT	ANGLE	ALT1	ALT1%	ALT2	ALT2%	ALT3	ALT3%	PY%	SULF1	SULF1%	SULF2	SULF2%	SULF3	SULF3%	GANGUE	GANGUE%	COMMENTS	
183.10	183.18		A2GD		0		0		0		0	0		0		0		0		0		
183.18	183.23		F2GD		0		0		0		0	0		0		0		0		0		
183.23	183.29		Y3QV	V	40		0		0		0	0		0		0		0		0		
183.29	183.31		Y1GG	FT	40		0		0		0	0		0		0		0		0		
183.39	183.40		GG	FT	55		0		0		0	0		0		0		0		0		
183.40	184.36		A2GD		0		0		0		0	0		0		0		0		0		
183.91	183.91		GG	FT	60		0		0		0	0		0		0		0		0		
184.28	184.30		GG	FT	23		0		0		0	0		0		0		0		0		
193.21	193.26		GG	FT	0		0		0		0	0		0		0		0		0		
193.82	193.95		A1GD		0		0		0		0	0		0		0		0		0		
194.04	194.04		GG	FT	0		0		0		0	0		0		0		0		0		
197.26	197.31		AP	D	30		0		0		0	0		0		0		0		0		
197.41	197.52		A1GD		0		0		0		0	0		0		0		0		0		
200.46	200.46		CBST	ST	15		0		0		0	0		0		0		0		0		
201.95	201.96		CBST	ST	15		0		0		0	0		0		0		0		0		
206.40	206.45		F2GD		0		0		0		0	0		0		0		0		0		
206.43	206.43		Y1ST	ST	65		0		0		0	0		0		0		0		0		
206.82	206.86		F2GD		0		0		0		0	0		0		0		0		0		
206.84	206.84		Y1ST	ST	65		0		0		0	0		0		0		0		0		
207.36	207.45		F2GD		0		0		0		0	0		0		0		0		0		
207.39	207.44		Y1QV	V	70		0		0		0	0		0		0		0		0		
207.53	207.68		AP	D	40		0		0		0	0		0		0		0		0		
208.45	208.59		F2GD		0		0		0		0	0		0		0		0		0		
208.51	208.55		Y2QV	V	60		0		0		0	2	SL	5		0		0		0		
208.70	208.76		F1GD		0		0		0		0	0		0		0		0		0		
208.72	208.73		Y1ST	ST	55		0		0		0	0		0		0		0		0		
209.33	209.35		F1GD		0		0		0		0	0		0		0		0		0		
209.38	209.52		F1GD		0		0		0		0	0		0		0		0		0		
209.46	209.46		Y5ST	ST	70		0		0		0	0		0		0		0		0		
211.28	211.40		F2GD		0		0		0		0	0		0		0		0		0		
211.34	211.35		Y2ST	ST	75		0		0		0	0		0		0		0		0		
211.80	211.88		F1GD		0		0		0		0	0		0		0		0		0		
211.93	211.97		F1GD		0		0		0		0	0		0		0		0		0		
212.04	212.12		F1GD		0		0		0		0	0		0		0		0		0		
212.79	212.94		A1GD		0		0		0		0	0		0		0		0		0		
212.91	212.91		ST	ST	75		0		0		0	0		0		0		0		0		
214.91	214.96		A1GD		0		0		0		0	0		0		0		0		0		
217.97	218.07		AP	D	10		0		0		0	0		0		0		0		0		
226.45	226.71		AP	D	25		0		0		0	0		0		0		0		0		
231.69	231.74		A2GD		0		0		0		0	0		0		0		0		0		
232.56	232.60		GG	FT	0		0		0		0	0		0		0		0		0		
232.71	232.77		A2GD		0		0		0		0	0		0		0		0		0		
232.77	232.78		GG	FT	0		0		0		0	0		0		0		0		0		
232.78	232.90		F2GD		0		0		0		0	0		0		0		0		0		
232.90	232.93		GG	FT	80		0		0		0	0		0		0		0		0		
232.93	232.98		Y3QV	V	80		0		0		0	0		0		0		0		0		
232.98	233.11		F2GD		0		0		0		0	0		0		0		0		0		
233.11	233.14		A2GD		0		0		0		0	0		0		0		0		0		
233.43	233.48		A2GD		0		0		0		0	0		0		0		0		0		
236.52	236.67		A1GD		0		0		0		0	0		0		0		0		0		
237.93	237.97		GG	FT	0		0		0		0	0		0		0		0		0		
238.14	238.21		GG	FT	0		0		0		0	0		0		0		0		0		
238.47	238.96		GG	FT	0		0		0		0	0		0		0		0		0		
240.48	240.65		K2GD		0		0		0		0	0		0		0		0		0		



# Diamond Drill Geology Record

HOLE NUMBER: **SND05424**

DATE: 8/24/1905

LOGGED BY JM DM

FROM (m)	TO (m)	MAIN ROCK	MINOR ROCK	STRUCT	ANGLE	ALT1	ALT1%	ALT2	ALT2%	ALT3	ALT3%	PY%	SULF1	SULF1%	SULF2	SULF2%	SULF3	SULF3%	GANGUE	GANGUE%	COMMENTS	
242.79	243.19		AV	C	15		0		0		0	0		0		0		0		0		
246.55	246.57		AP	D	50		0		0		0	0		0		0		0		0		
247.24	247.29		AP	D	55		0		0		0	0		0		0		0		0		
254.22	254.24		AP	D	25		0		0		0	0		0		0		0		0		
255.16	255.17		CBST	ST	70		0		0		0	0		0		0		0		0		
256.31	256.31		CBST	ST	75		0		0		0	0		0		0		0		0		
258.49	258.64		A2GD		0	K	5		0		0	0		0		0		0		0		
259.26	259.29		AP	D	25		0		0		0	0		0		0		0		0		
259.92	259.92		GG	FT	45		0		0		0	0		0		0		0		0		
261.26	261.67		A2GD		0		0		0		0	0		0		0		0		0		
268.30	268.50		AP	D	60		0		0		0	0		0		0		0		0		
268.64	268.71		AP	D	45		0		0		0	0		0		0		0		0		
269.07	269.25		AP	D	75		0		0		0	0		0		0		0		0		
269.71	269.85		K2GD		0	C	5		0		0	0		0		0		0		0		
270.03	270.13		AP	D	50		0		0		0	0		0		0		0		0		
275.49	275.55		K1GD		0		0		0		0	0		0		0		0		0		
275.55	275.61		F1GD		0		0		0		0	0		0		0		0		0		
275.60	275.61		ST	ST	70		0		0		0	0		0		0		0		0		
275.61	275.72		A2GD		0		0		0		0	0		0		0		0		0		
278.21	278.27		AP	D	50		0		0		0	0		0		0		0		0		
279.75	280.94	AP		D	50		0		0		0	0		0		0		0		0		
280.94	306.56	GD			0		0		0		0	0		0		0		0		0		
281.55	281.58		AP	D	40		0		0		0	0		0		0		0		0		
285.05	285.10		A1GD		0		0		0		0	0		0		0		0		0		
285.71	285.76		A1GD		0		0		0		0	0		0		0		0		0		
285.74	285.74		ST	ST	80		0		0		0	0		0		0		0		0		
287.40	287.43		AP	D	50		0		0		0	0		0		0		0		0		
291.89	291.95		A1GD		0		0		0		0	0		0		0		0		0		
291.91	291.92		ST	ST	75		0		0		0	0		0		0		0		0		
292.32	292.38		A1GD		0		0		0		0	0		0		0		0		0		
292.35	292.35		ST	ST	80		0		0		0	0		0		0		0		0		
295.60	295.63		A1GD		0		0		0		0	0		0		0		0		0		
298.45	298.46		A1GD		0		0		0		0	0		0		0		0		0		
299.53	299.66		A2GD		0		0		0		0	0		0		0		0		0		
299.55	299.64		F2GD		0		0		0		0	0		0		0		0		0		
299.59	299.61		Y5QV	V	85		0		0		0	0		0		0		0		0		
300.23	300.33		A2GD		0		0		0		0	0		0		0		0		0		
300.25	300.32		F2GD		0		0		0		0	0		0		0		0		0		
300.27	300.30		Y2QV	V	75		0		0		0	0		0		0		0		0		
300.57	300.63		F2GD		0		0		0		0	0		0		0		0		0		
300.61	300.61		ST	ST	80		0		0		0	0		0		0		0		0		
300.82	300.97		A2GD		0		0		0		0	0		0		0		0		0		
300.86	300.93		F2GD		0		0		0		0	0		0		0		0		0		
300.89	300.90		QV	V	85		0		0		0	0		0		0		0		0		
301.42	301.45		K1GD		0		0		0		0	0		0		0		0		0		
301.78	301.96		A1GD		0		0		0		0	0		0		0		0		0		
301.82	301.92		F1GD		0		0		0		0	0		0		0		0		0		
301.88	301.89		Y1GG	FT	85		0		0		0	0		0		0		0		0		
302.38	302.42		A1GD		0		0		0		0	0		0		0		0		0		
304.21	304.26		A1GD		0		0		0		0	0		0		0		0		0		
304.23	304.24		ST	ST	75		0		0		0	0		0		0		0		0		
305.68	305.70		A1GD		0		0		0		0	0		0		0		0		0		
305.70	305.74		F2GD		0		0		0		0	0		0		0		0		0		
305.71	305.71		ST	ST	75		0		0		0	0		0		0		0		0		



# Diamond Drill Geology Record

HOLE NUMBER: **SND05424**

DATE: 8/24/1905

LOGGED BY JM DM

FROM (m)	TO (m)	MAIN ROCK	MINOR ROCK	STRUCT	ANGLE	ALT1	ALT1%	ALT2	ALT2%	ALT3	ALT3%	PY%	SULF1	SULF1%	SULF2	SULF2%	SULF3	SULF3%	GANGUE	GANGUE%	COMMENTS	
344.58	344.58		GG	FT	30		0		0		0	0		0		0		0		0		
345.14	345.17		GG	FT	30		0		0		0	0		0		0		0		0		
345.27	345.29		AP	D	50		0		0		0	0		0		0		0		0		
348.27	348.27		GG	FT	55		0		0		0	0		0		0		0		0		
348.51	350.71		A1Q		0		0		0		0	0		0		0		0		0		
348.60	348.61		GG	FT	65		0		0		0	0		0		0		0		0		
349.52	349.52		GG	FT	50		0		0		0	0		0		0		0		0		
350.00	350.00		GG	FT	60		0		0		0	0		0		0		0		0		
350.12	350.14		Y5GG	FT	55		0		0		0	0		0		0		0		0		
350.29	350.30		Y2GG	FT	45		0		0		0	0		0		0		0		0		
357.06	357.08		GG	FT	12		0		0		0	0		0		0		0		0		

# Almaden Minerals Diamond Drill Record

**PROPERTY:** Elk **HOLE-ID:** SND05425 **DEPTH:** 188.06  
**AREA:** WD **EASTING:** 2544.80 **DATE START:** 8/29/1905  
**CLAIM:** SNML **NORTHING:** 3541.35 **DATE FINISH:** 9/01/1905  
**SECTION:** 2545E **ELEVATION:** 1643.47 **CONTRACTOR:** Leclerc Drilling Ltd 38  
**CORE SIZE:** NQ **RECOVERY:** 0.00 **RQD:** 0.00 **CORE STORED AT:** Elk Rack C Bay 30 **LOGGED BY:** JM DM

**COMMENTS** Hole 425 was drilled in the wrong location and duplicated hole SND03363. A 68cm Y2QV was intersected at the location of the WD zone.

## ASSAY AVERAGES

FROM	TO	INT	TW	ZONE	AU OZ/T	AG OZ/T	SG
8.59	9.10	0.51	0.50	C1	0.048	0.000	2.62
8.70	23.18	14.48	14.12	C1	0.009	0.010	2.69
12.07	12.58	0.51	0.50	-	0.136	0.222	2.64
120.80	121.66	0.86	0.65	WD	0.684	1.269	2.67

# Sample Results

HOLE-ID SND05425

FROM (m)	TO (m)	Sample Number	Int (m)	GEOL	Analysis		Fire Assay		Metallics Assay		Reduced Results	
					AU ppb	AG gm/l	AU oz/t	AG oz/t	AU oz/t	AG oz/t	AU oz/t	AG oz/t
4.86	5.16	425-1	0.30	ST	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
8.70	9.10	425-2	0.40	Y1QV	0.0	0.0	0.062	0.029	0.000	0.000	0.062	0.000
11.72	12.12	425-3	0.40	Y5ST	0.0	0.0	0.007	0.029	0.000	0.000	0.007	0.000
12.28	12.58	425-4	0.30	Y5QV	0.0	0.0	0.231	0.379	0.000	0.000	0.231	0.379
21.33	21.63	425-5	0.30	Y4ST	0.0	0.0	0.022	0.029	0.000	0.000	0.022	0.000
21.97	22.27	425-6	0.30	Y1ST	0.0	0.0	0.010	0.029	0.000	0.000	0.010	0.000
22.88	23.18	425-7	0.30	Y4ST	0.0	0.0	0.073	0.087	0.000	0.000	0.073	0.087
35.68	35.98	425-9	0.30	DUPL	0.0	0.0	0.223	0.146	0.000	0.000	0.223	0.146
70.38	70.68	425-12	0.30	Y5QV	0.0	0.0	0.007	0.029	0.000	0.000	0.007	0.000
75.13	75.63	425-13	0.50	Y3ST	0.0	0.0	0.033	0.117	0.000	0.000	0.033	0.117
79.07	79.37	425-14	0.30	Y4ST	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
119.50	119.80	425-19	0.30	Y1GG	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
119.80	120.80	425-15	1.00	GG	0.0	0.0	0.003	0.029	0.000	0.000	0.003	0.000
120.80	121.60	425-16	0.80	Y2QV	0.0	0.0	0.000	0.000	0.723	1.342	0.723	1.342
121.60	122.60	425-17	1.00	Y5GG	0.0	0.0	0.005	0.029	0.000	0.000	0.005	0.000
124.56	124.86	425-18	0.30	ST	0.0	0.0	0.003	0.029	0.000	0.000	0.003	0.000
130.88	131.18	425-20	0.30	Y1ST	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
132.91	133.21	425-21	0.30	Y5ST	0.0	0.0	0.000	0.058	0.000	0.000	0.000	0.058
144.89	145.19	425-22	0.30	Y3QV	0.0	0.0	0.008	0.058	0.000	0.000	0.008	0.058
165.75	166.05	425-23	0.30	Y2GG	0.0	0.0	0.000	0.058	0.000	0.000	0.000	0.058
175.90	176.20	425-24	0.30	Y3QV	0.0	0.0	0.021	0.058	0.000	0.000	0.021	0.058

# Down Hole Survey Data

Hole Number *SND05425*

Core Size

Hole Depth

**DISTANCE    DIP    AZIMUTH    MAGDIP    TESLAS**

DISTANCE	DIP	AZIMUTH	MAGDIP	TESLAS
0	-75	0.0	0	0
16.76	-76	0.0	0	0
32	-76	359.8	0	0
47.24	-76	1.6	0	0
62.48	-76	0.3	0	0
77.72	-76	3.0	0	0
92.96	-76	3.4	0	0
108.2	-76	3.1	0	0
123.44	-76	1.5	0	0
138.68	-76	1.4	0	0
153.92	-76	1.5	0	0
169.16	-76	2.0	0	0
184.4	-76	1.3	0	0



# Diamond Drill Geology Record

HOLE NUMBER: **SND05425**

DATE: 8/29/1905

LOGGED BY JM DM

FROM (m)	TO (m)	MAIN ROCK	MINOR ROCK	STRUCT	ANGLE	ALT1	ALT1%	ALT2	ALT2%	ALT3	ALT3%	PV%	SULF1	SULF1%	SULF2	SULF2%	SULF3	SULF3%	GANGUE	GANGUE%	COMMENTS	
25.00	25.01		GG	FT	50		0		0		0	0		0		0		0		0		
35.78	35.82		F2QM				0		0		0	0		0		0		0		0		
35.82	35.84		Y2QV	V	75		0		0		0	0		0		0		0		0		
35.84	36.42		A2Q			C	5		0		0	0		0		0		0		0		
36.52	36.62		A2Q				0		0		0	0		0		0		0		0		
36.65	36.77		A1Q			C	5		0		0	0		0		0		0		0		
38.87	38.88		K1Q				0		0		0	0		0		0		0		0		
38.88	38.88		Y5ST	ST	90		0		0		0	0		0		0		0		0		
39.21	39.22		A1Q				0		0		0	0		0		0		0		0		
40.85	40.87		A2Q				0		0		0	0		0		0		0		0		
42.76	42.78		A2Q				0		0		0	0		0		0		0		0		
44.34	44.40		A2Q				0		0		0	0		0		0		0		0		
44.59	44.65		A1Q				0		0		0	0		0		0		0		0		
44.81	44.88		A1Q				0		0		0	0		0		0		0		0		
44.92	45.00		A1Q				0		0		0	0		0		0		0		0		
46.54	46.55		GG	FT	35		0		0		0	0		0		0		0		0		
47.57	47.62		K1Q				0		0		0	0		0		0		0		0		
53.03	53.04		GG	FT	70		0		0		0	0		0		0		0		0		
54.93	117.75	P2QM					0		0		0	0		0		0		0		0		
55.55	55.63		GG	FT	0		0		0		0	0		0		0		0		0		
56.13	56.24		AP	D	50		0		0		0	0		0		0		0		0		
56.54	56.56		GG	FT	0		0		0		0	0		0		0		0		0		
58.65	58.68		K1Q				0		0		0	0		0		0		0		0		
60.04	60.06		K1Q				0		0		0	0		0		0		0		0		
62.53	62.54		GG	FT	70		0		0		0	0		0		0		0		0		
69.18	69.19		A2Q				0		0		0	0		0		0		0		0		
69.95	69.97		A2Q				0		0		0	0		0		0		0		0		
70.10	70.18		A1Q				0		0		0	0		0		0		0		0		
70.44	70.56		A2Q				0		0		0	0		0		0		0		0		
70.53	70.54		Y5QV	V	75		0		0		0	0		0		0		0		0		
70.78	70.80		K1Q				0		0		0	0		0		0		0		0		
70.79	70.79		Y5ST	ST	83		0		0		0	0		0		0		0		0		
71.86	71.89		K1Q				0		0		0	0		0		0		0		0		
72.75	72.79		A1Q				0		0		0	0		0		0		0		0		
72.77	72.78		Y5ST	ST	70		0		0		0	0		0		0		0		0		
75.07	75.59		A1Q			C	5		0		0	0		0		0		0		0		
75.15	75.16		Y3ST	ST	85		0		0		0	0		0		0		0		0		
75.35	75.36		Y1ST	ST	75		0		0		0	0		0		0		0		0		
75.55	75.55		Y2ST	ST	80		0		0		0	0		0		0		0		0		
78.72	78.79		A1Q				0		0		0	0		0		0		0		0		
79.15	79.29		A1Q				0		0		0	0		0		0		0		0		
79.23	79.24		Y4ST	ST	85		0		0		0	0		0		0		0		0		
79.36	79.39		A1Q				0		0		0	0		0		0		0		0		
79.58	79.76		A1Q				0		0		0	0		0		0		0		0		
80.03	80.07		A1Q				0		0		0	0		0		0		0		0		
80.96	81.00		A1Q				0		0		0	0		0		0		0		0		
81.14	81.17		A1Q				0		0		0	0		0		0		0		0		
82.38	82.41		A1Q				0		0		0	0		0		0		0		0		
83.11	83.24		A2Q				0		0		0	0		0		0		0		0		
83.16	83.16		Y3ST	ST	80		0		0		0	0		0		0		0		0		
91.46	91.89		A1Q				0		0		0	0		0		0		0		0		
92.26	92.40		A2Q			K	10		0		0	0		0		0		0		0		
93.61	93.74		A1Q				0		0		0	0		0		0		0		0		
94.30	94.33		A1Q				0		0		0	0		0		0		0		0		





# Diamond Drill Geology Record

HOLE NUMBER: **SND05425**

DATE: 8/29/1905

LOGGED BY JM DM

FROM (m)	TO (m)	MAIN ROCK	MINOR ROCK	STRUCT	ANGLE	ALT1	ALT1%	ALT2	ALT2%	ALT3	ALT3%	PY%	SULF1	SULF1%	SULF2	SULF2%	SULF3	SULF3%	GANGUE	GANGUE%	COMMENTS	
176.04	176.06		Y3QV	V	80		0		0		0	0		0		0		0		0		
179.49	179.57		A2GD		0		0		0		0	0		0		0		0		0		
179.51	179.54		F2GD		0		0		0		0	0		0		0		0		0		
179.52	179.53		Y3ST	ST	82		0		0		0	0		0		0		0		0		
185.95	185.95		CBST	ST	20		0		0		0	0		0		0		0		0		
186.55	186.57		AP	D	60		0		0		0	0		0		0		0		0		
187.27	188.06	<b>K1GD</b>			0	<b>C</b>	0		0		0	0		0		0		0		0		

# Almaden Minerals Diamond Drill Record

**PROPERTY:** Elk **HOLE-ID:** SND05426 **DEPTH:** 330.86  
**AREA:** WD **EASTING:** 2545.02 **DATE START:** 9/01/1905  
**CLAIM:** SNML **NORTHING:** 3403.65 **DATE FINISH:** 9/06/1905  
**SECTION:** 2545E **ELEVATION:** 1648.65 **CONTRACTOR:** Leclerc Drilling Ltd 38  
**CORE SIZE:** NQ **RECOVERY:** 0.00 **RQD:** 0.00 **CORE STORED AT:** Elk Rack C Bay 30 **LOGGED BY:** JM DM

**COMMENTS** Hole 426 was drilled to test the WD zone. A 59 cm Y5QV was intersected at the projected location of the WD zone.

## ASSAY AVERAGES

FROM	TO	INT	TW	ZONE	AU OZ/T	AG OZ/T	SG
42.47	43.02	0.55	0.50	A	0.016	0.000	2.62
42.52	64.13	21.61	20.19	B	0.025	0.061	2.69
52.24	52.75	0.51	0.50	B	0.907	1.981	2.74
52.45	64.13	11.68	11.42	B	0.043	0.107	2.69
62.53	64.13	1.60	1.50	C1	0.016	0.146	2.64
85.28	85.89	0.61	0.50	D	0.001	0.000	2.57
305.03	305.76	0.73	0.50	WD	0.416	2.758	2.72
306.67	307.27	0.60	0.50	-	0.056	0.135	2.71
316.48	317.77	1.29	0.50	-	0.050	0.389	2.69

# Sample Results

HOLE-ID SND05426

FROM (m)	TO (m)	Sample Number	Int (m)	GEOL	Analysis		Fire Assay		Metallics Assay		Reduced Results	
					AU ppb	AG gm/l	AU oz/t	AG oz/t	AU oz/t	AG oz/t	AU oz/t	AG oz/t
42.52	43.02	426-1	0.50	Y4ST	0.0	0.0	0.018	0.029	0.000	0.000	0.018	0.000
44.54	44.84	426-2	0.30	Y1OV	0.0	0.0	0.019	0.029	0.000	0.000	0.019	0.000
47.78	48.08	426-4	0.30	DUPL	0.0	0.0	0.004	0.029	0.000	0.000	0.004	0.000
51.76	52.06	426-7	0.30	Y1GG	0.0	0.0	0.005	0.029	0.000	0.000	0.005	0.000
52.45	52.75	426-8	0.30	Y3OV	0.0	0.0	1.522	3.325	0.000	0.000	1.522	3.325
62.53	63.33	426-9	0.80	Y3ST	0.0	0.0	0.017	0.175	0.000	0.000	0.017	0.175
63.33	64.13	426-10	0.80	Y3ST	0.0	0.0	0.015	0.117	0.000	0.000	0.015	0.117
67.23	67.53	426-11	0.30	Y4ST	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
68.13	68.43	426-12	0.30	Y2ST	0.0	0.0	0.038	0.029	0.000	0.000	0.038	0.000
69.38	69.68	426-13	0.30	Y3ST	0.0	0.0	0.028	0.058	0.000	0.000	0.028	0.058
74.59	74.89	426-14	0.30	Y5ST	0.0	0.0	0.013	0.058	0.000	0.000	0.013	0.058
85.29	85.89	426-15	0.60	Y1OV	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
86.85	87.45	426-16	0.60	Y5ST	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
95.71	96.01	426-17	0.30	Y2ST	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
97.16	97.46	426-18	0.30	Y4ST	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
129.21	129.61	426-19	0.40	BR	0.0	0.0	0.005	0.087	0.000	0.000	0.005	0.087
129.85	130.15	426-20	0.30	F1QM	0.0	0.0	0.001	0.058	0.000	0.000	0.001	0.058
130.33	130.63	426-21	0.30	Y5ST	0.0	0.0	0.001	0.146	0.000	0.000	0.001	0.146
131.11	131.41	426-22	0.30	Y1ST	0.0	0.0	0.001	0.058	0.000	0.000	0.001	0.058
132.11	132.41	426-27	0.30	Y4OV	0.0	0.0	0.031	0.175	0.000	0.000	0.031	0.175
132.35	132.65	426-24	0.30	Y1OV	0.0	0.0	0.052	0.029	0.000	0.000	0.052	0.000
134.57	134.87	426-28	0.30	A1O	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
135.27	135.57	426-29	0.30	Y5ST	0.0	0.0	0.003	0.117	0.000	0.000	0.003	0.117
136.36	136.66	426-30	0.30	Y2ST	0.0	0.0	0.003	0.117	0.000	0.000	0.003	0.117
137.28	137.58	426-31	0.30	Y2ST	0.0	0.0	0.004	0.029	0.000	0.000	0.004	0.000
138.09	138.39	426-32	0.30	Y2ST	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.000
141.28	141.58	426-33	0.30	F2QM	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
143.74	144.00	426-34	0.26	ST	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.000
144.20	144.60	426-35	0.40	Y5ST	0.0	0.0	0.008	0.029	0.000	0.000	0.008	0.000
148.02	148.32	426-36	0.30	Y2OV	0.0	0.0	0.002	0.029	0.000	0.000	0.002	0.000
149.43	149.73	426-37	0.30	Y2ST	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.000
171.20	171.50	426-38	0.30	Y1OV	0.0	0.0	0.004	0.029	0.000	0.000	0.004	0.000
174.26	174.86	426-39	0.60	Y1OV	0.0	0.0	0.012	0.292	0.000	0.000	0.012	0.292
191.70	192.00	426-40	0.30	Y2ST	0.0	0.0	0.028	0.029	0.000	0.000	0.028	0.000
204.71	205.01	426-41	0.30	Y1OV	0.0	0.0	0.003	0.029	0.000	0.000	0.003	0.000
207.07	207.37	426-42	0.30	ST	0.0	0.0	0.003	0.029	0.000	0.000	0.003	0.000

# Sample Results

HOLE-ID SND05426

FROM (m)	TO (m)	Sample Number	Int (m)	GEOL	Analysis		Fire Assay		Metallics Assay		Reduced Results	
					AU ppb	AG gm/l	AU oz/t	AG oz/t	AU oz/t	AG oz/t	AU oz/t	AG oz/t
209.97	210.27	426-44	0.30	DUPL	0.0	0.0	0.011	0.029	0.000	0.000	0.011	0.000
212.03	212.33	426-47	0.30	Y1ST	0.0	0.0	0.080	0.058	0.000	0.000	0.080	0.058
218.09	218.49	426-48	0.40	Y1OV	0.0	0.0	0.028	0.029	0.000	0.000	0.028	0.000
225.28	225.58	426-49	0.30	Y4ST	0.0	0.0	0.004	0.029	0.000	0.000	0.004	0.000
226.73	227.23	426-50	0.50	Y1OV	0.0	0.0	0.004	0.058	0.000	0.000	0.004	0.058
228.54	228.84	426-51	0.30	Y1OV	0.0	0.0	0.027	0.087	0.000	0.000	0.027	0.087
229.42	229.82	426-52	0.40	Y1OV	0.0	0.0	0.072	0.321	0.000	0.000	0.072	0.321
244.13	244.43	426-53	0.30	Y2ST	0.0	0.0	0.034	0.058	0.000	0.000	0.034	0.058
260.68	260.98	426-54	0.30	X5GD	0.0	0.0	0.008	0.029	0.000	0.000	0.008	0.000
267.12	267.42	426-55	0.30	Y1ST	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
303.13	303.73	426-56	0.60	Y1GG	0.0	0.0	0.006	0.029	0.000	0.000	0.006	0.000
304.03	305.03	426-57	1.00	Y3OV	0.0	0.0	0.013	0.087	0.000	0.000	0.013	0.087
305.03	305.63	426-58	0.60	Y5QV	0.0	0.0	0.000	0.000	0.532	3.529	0.532	3.529
305.63	306.63	426-59	1.00	Y3ST	0.0	0.0	0.013	0.087	0.000	0.000	0.013	0.087
306.97	307.27	426-60	0.30	Y5QV	0.0	0.0	0.122	0.292	0.000	0.000	0.122	0.292
307.68	307.98	426-61	0.30	Y5QV	0.0	0.0	0.034	0.087	0.000	0.000	0.034	0.087
317.07	317.77	426-62	0.70	Y2QV	0.0	0.0	0.105	0.817	0.000	0.000	0.105	0.817

# Down Hole Survey Data

Hole Number *SND05426*

Core Size

Hole Depth

**DISTANCE    DIP    AZIMUTH    MAGDIP    TESLAS**

DISTANCE	DIP	AZIMUTH	MAGDIP	TESLAS
0	-75	0.0	0	0
7.62	-76	358.4	0	0
22.86	-76	354.8	0	0
38.1	-75	356.3	0	0
53.34	-76	352.3	0	0
68.58	-76	353.8	0	0
83.82	-77	357.3	0	0
99.06	-77	357.8	0	0
114.3	-76	1.4	0	0
129.54	-76	1.9	0	0
144.78	-77	355.7	0	0
160.02	-76	2.4	0	0
175.26	-77	2.4	0	0
190.5	-77	356.3	0	0
205.74	-77	355.7	0	0
220.98	-75	2.9	0	0
236.22	-77	355.9	0	0
251.46	-76	2.6	0	0
266.7	-77	356.1	0	0
281.94	-76	4.0	0	0
297.18	-77	358.1	0	0
312.42	-76	4.4	0	0
327.66	-76	356.7	0	0







# Diamond Drill Geology Record

HOLE NUMBER: **SND05426**

DATE: 9/01/1905

LOGGED BY JM DM

FROM (m)	TO (m)	MAIN ROCK	MINOR ROCK	STRUCT	ANGLE	ALT1	ALT1%	ALT2	ALT2%	ALT3	ALT3%	PY%	SULF1	SULF1%	SULF2	SULF2%	SULF3	SULF3%	GANGUE	GANGUE%	COMMENTS	
86.93	87.01		A1Q		0		0		0		0	0		0		0		0		0		
86.97	86.97		Y1ST	ST	60		0		0		0	0		0		0		0		0		
87.11	87.48		A1Q		0		0		0		0	0		0		0		0		0		
87.21	87.21		Y5ST	ST	60		0		0		0	0		0		0		0		0		
87.31	87.32		Y5ST	ST	80		0		0		0	0		0		0		0		0		
87.43	87.44		Y1ST	ST	75		0		0		0	0		0		0		0		0		
87.55	87.57		A1Q		0		0		0		0	0		0		0		0		0		
87.66	87.76		A1Q		0		0		0		0	0		0		0		0		0		
87.87	87.89		A1Q		0		0		0		0	0		0		0		0		0		
87.99	88.01		A1Q		0		0		0		0	0		0		0		0		0		
89.25	89.32		A1Q		0		0		0		0	0		0		0		0		0		
89.29	89.30		Y1ST	ST	90		0		0		0	0		0		0		0		0		
89.39	89.45		A1Q		0		0		0		0	0		0		0		0		0		
90.25	90.29		A1Q		0		0		0		0	0		0		0		0		0		
90.39	90.43		A1Q		0		0		0		0	0		0		0		0		0		
90.43	90.43		Y1ST	ST	6		0		0		0	0		0		0		0		0		
90.76	90.79		GG	FT	0		0		0		0	0		0		0		0		0		
90.87	90.93		A1Q		0		0		0		0	0		0		0		0		0		
91.71	91.80		A1Q		0		0		0		0	0		0		0		0		0		
94.86	94.90		A1Q		0		0		0		0	0		0		0		0		0		
94.98	95.08		A1Q		0		0		0		0	0		0		0		0		0		
95.32	95.72		A1Q		0		0		0		0	0		0		0		0		0		
95.81	95.90		A1Q		0		0		0		0	0		0		0		0		0		
95.86	95.86		Y2ST	ST	60		0		0		0	0		0		0		0		0		
95.99	96.12		A1Q		0		0		0		0	0		0		0		0		0		
96.34	97.87		A1Q		0		0		0		0	0		0		0		0		0		
97.08	97.10		ST	ST	23		0		0		0	0		0		0		0		0		
97.22	97.24		ST	ST	26		0		0		0	0		0		0		0		0		
97.32	97.32		Y4ST	ST	75		0		0		0	0		0		0		0		0		
98.00	98.10		A1Q		0		0		0		0	0		0		0		0		0		
99.75	100.11		A1Q		0		0		0		0	0		0		0		0		0		
103.72	103.79		A1Q		0		0		0		0	0		0		0		0		0		
103.84	104.78		A1Q		0		0		0		0	0		0		0		0		0		
104.15	104.17		ST	ST	15		0		0		0	0		0		0		0		0		
104.50	104.58		AP	D	50		0		0		0	0		0		0		0		0		
107.07	107.75		A1Q		0		0		0		0	0		0		0		0		0		
113.46	113.95		A1Q		0		0		0		0	0		0		0		0		0		
113.89	113.90		ST	ST	35		0		0		0	0		0		0		0		0		
114.36	114.44		A1Q		0		0		0		0	0		0		0		0		0		
119.85	119.88		A1Q		0		0		0		0	0		0		0		0		0		
120.16	120.17		Y3ST	ST	72		0		0		0	0		0		0		0		0		
122.29	122.60		K1Q		0		0		0		0	0		0		0		0		0		
122.71	122.78		A1Q		0		0		0		0	0		0		0		0		0		
129.21	129.48		FIQM		0		0		0		0	0		0		0		0		0		
129.34	129.38		BR		40	0	5		0		0	0		0		0		0		0		
129.48	129.62		A1Q		0		0		0		0	0		0		0		0		0		
129.69	129.81		A1Q		0		0		0		0	0		0		0		0		0		
129.88	129.96		A1Q		0		0		0		0	0		0		0		0		0		
129.96	130.15		FIQM		0		0		0		0	0		0		0		0		0		
130.28	130.51		A1Q		0		0		0		0	0		0		0		0		0		
130.43	130.44		Y5ST	ST	85		0		0		0	0		0		0		0		0		
131.11	131.18		A1Q		0		0		0		0	0		0		0		0		0		
131.15	131.16		Y1ST	ST	80		0		0		0	0		0		0		0		0		
131.35	131.40		A1Q		0		0		0		0	0		0		0		0		0		





# Diamond Drill Geology Record

HOLE NUMBER: **SND05426**

DATE: 9/01/1905

LOGGED BY JM DM

FROM (m)	TO (m)	MAIN ROCK	MINOR ROCK	STRUCT	ANGLE	ALT1	ALT1%	ALT2	ALT2%	ALT3	ALT3%	PY%	SULF1	SULF1%	SULF2	SULF2%	SULF3	SULF3%	GANGUE	GANGUE%	COMMENTS	
207.14	207.15		ST	ST	25		0		0		0	0		0		0		0		0		
207.27	207.29		ST	ST	25		0		0		0	0		0		0		0		0		
208.01	208.03		ST	ST	40		0		0		0	0		0		0		0		0		
209.26	209.29		QV	V	25		0		0		0	0		0		0		0		0		
210.12	210.12		Y5ST	ST	80		0		0		0	0		0		0		0		0		
212.07	212.08		Y1ST	ST	60		0		0		0	0		0		0		0		0		
212.11	212.12		Y1ST	ST	60		0		0		0	0		0		0		0		0		
212.26	212.28		Y1QV	V	60		0		0		0	0		0		0		0		0		
212.93	213.07		A1Q		0	K	5		0		0	0		0		0		0		0		
213.37	213.50		A1Q		0	K	5		0		0	0		0		0		0		0		
213.80	214.07		A1Q		0	K	5		0		0	0		0		0		0		0		
214.82	214.95		A1Q		0	K	5		0		0	0		0		0		0		0		
217.03	217.11		A1Q		0	K	5		0		0	0		0		0		0		0		
217.07	217.07		ST	ST	70		0		0		0	0		0		0		0		0		
217.26	217.40		ST	ST	50		0		0		0	0		0		0		0		0		
217.92	218.58		A1Q		0	K	5		0		0	0		0		0		0		0		
218.12	218.14		Y1QV	V	60		0		0		0	0		0		0		0		0		
218.43	218.44		ST	ST	65		0		0		0	0		0		0		0		0		
219.43	219.86		A1Q		0	K	5		0		0	0		0		0		0		0		
220.05	224.35		A1Q		0	K	5		0		0	0		0		0		0		0		
223.44	223.45		ST	ST	46		0		0		0	0		0		0		0		0		
224.32	224.32		GG	FT	85		0		0		0	0		0		0		0		0		
224.79	224.94		K1Q		0		0		0		0	0		0		0		0		0		
225.27	225.34		K1Q		0		0		0		0	0		0		0		0		0		
225.31	225.31		Y4ST	ST	85		0		0		0	0		0		0		0		0		
225.41	225.60		K1Q		0		0		0		0	0		0		0		0		0		
225.59	225.60		Y3ST	ST	90		0		0		0	0		0		0		0		0		
225.93	226.10		K1Q		0		0		0		0	0		0		0		0		0		
226.60	235.04		K1Q		0		0		0		0	0		0		0		0		0		
226.75	226.78		Y1QV	V	55		0		0		0	0		0		0		0		0		
227.13	227.14		Y4ST	ST	70		0		0		0	0		0		0		0		0		
227.60	227.61		Y1ST	ST	60		0		0		0	0		0		0		0		0		
228.63	228.66		Y1QV	V	20		0		0		0	0		0		0		0		0		
228.81	228.83		Y1QV	V	30		0		0		0	0		0		0		0		0		
229.44	229.45		Y5ST	ST	63		0		0		0	0		0		0		0		0		
229.70	229.76	Y1QV		V	30		0		0		0	1	G	4		0		0		0		
229.77	246.66	P3QM			0		0		0		0	0		0		0		0		0		
233.24	233.25		GG	FT	40		0		0		0	0		0		0		0		0		
233.37	233.58		GG	FT	35		0		0		0	0		0		0		0		0		
235.63	238.84		K2Q		0		0		0		0	0		0		0		0		0		
236.97	237.91		K2AP	D	25		0		0		0	0		0		0		0		0		
239.72	239.76		K1Q		0		0		0		0	0		0		0		0		0		
240.04	244.50		K1Q		0		0		0		0	0		0		0		0		0		
241.99	242.03		AP	D	80		0		0		0	0		0		0		0		0		
243.66	243.67		Y1ST	ST	60		0		0		0	0		0		0		0		0		
244.22	244.22		Y1ST	ST	70		0		0		0	0		0		0		0		0		
244.36	244.37		Y2ST	ST	65		0		0		0	0		0		0		0		0		
244.74	245.07		K1Q		0		0		0		0	0		0		0		0		0		
245.20	245.38		K1Q		0		0		0		0	0		0		0		0		0		
245.25	245.26		ST	ST	65		0		0		0	0		0		0		0		0		
245.62	245.98		K1Q		0		0		0		0	0		0		0		0		0		
246.41	246.65		K1Q		0		0		0		0	0		0		0		0		0		
246.65	283.57	GD			0		0		0		0	0		0		0		0		0		
251.73	251.89		AP	D	60		0		0		0	0		0		0		0		0		



# Diamond Drill Geology Record

HOLE NUMBER: **SND05426**

DATE: 9/01/1905

LOGGED BY JM DM

FROM (m)	TO (m)	MAIN ROCK	MINOR ROCK	STRUCT	ANGLE	ALT1	ALT1%	ALT2	ALT2%	ALT3	ALT3%	PY%	SULF1	SULF1%	SULF2	SULF2%	SULF3	SULF3%	GANGUE	GANGUE%	COMMENTS	
291.63	291.64		GG	FT	33		0		0		0	0		0		0		0		0		
291.68	291.69		GG	FT	68		0		0		0	0		0		0		0		0		
292.34	296.25		K2GD		0	C	10		0		0	0		0		0		0		0		
292.38	292.39		ST	ST	50		0		0		0	0		0		0		0		0		
292.52	292.56		QV	V	34		0		0		0	0		0		0		0		0		
292.70	293.12		F3AD		0		0		0		0	0		0		0		0		0		
293.98	294.02		QV	V	45		0		0		0	0		0		0		0		0		
294.79	294.81		GG	FT	30		0		0		0	0		0		0		0		0		
294.82	294.83		ST	ST	40		0		0		0	0		0		0		0		0		
297.36	297.53		K2GD		0		0		0		0	0		0		0		0		0		
297.43	297.45		ST	ST	50		0		0		0	0		0		0		0		0		
297.77	297.82		PG	D	50		0		0		0	0		0		0		0		0		
298.45	298.59		PG	D	75		0		0		0	0		0		0		0		0		
298.95	298.98		S2GD		0		0		0		0	0		0		0		0		0		
298.98	299.02		K2GD		0		0		0		0	0		0		0		0		0		
299.00	299.00		ST	ST	80		0		0		0	0		0		0		0		0		
299.40	299.55		K2GD		0		0		0		0	0		0		0		0		0		
299.44	299.46		S2GD		0		0		0		0	0		0		0		0		0		
299.45	299.46		ST	ST	42		0		0		0	0		0		0		0		0		
301.05	301.19		PG	D	20		0		0		0	0		0		0		0		0		
302.16	302.29		PG	D	30		0		0		0	0		0		0		0		0		
302.82	303.05		PG	D	35		0		0		0	0		0		0		0		0		
303.19	303.20		Y1GG	FT	45		0		0		0	0		0		0		0		0		
303.20	305.06	A3GD			0	K	5		0		0	0		0		0		0		0		
303.49	303.50		Y1GG	FT	48		0		0		0	0		0		0		0		0		
303.58	303.60		GG	FT	35		0		0		0	0		0		0		0		0		
303.78	303.82		GG	FT	80		0		0		0	0		0		0		0		0		
304.06	304.08		GG	FT	65		0		0		0	0		0		0		0		0		
304.27	304.29		Y5QV	V	70		0		0		0	0		0		0		0		0		
304.32	304.33		GG	FT	70		0		0		0	0		0		0		0		0		
304.92	304.95		Y3QV	V	60		0		0		0	0		0		0		0		0		
304.95	304.96		Y1GG	FT	55		0		0		0	0		0		0		0		0		
305.06	305.65	Y5QV		V	40		0		0		0	30	CP	3		0		0		0		
305.65	305.88	F3GD			0		0		0		0	0		0		0		0		0		
305.88	313.64	A3GD			0		0		0		0	0		0		0		0		0		
306.40	306.41		Y2ST	ST	45		0		0		0	0		0		0		0		0		
306.61	306.63		Y3ST	ST	65		0		0		0	0		0		0		0		0		
306.76	306.82		GG	FT	20		0		0		0	0		0		0		0		0		
306.88	307.20		F3GD		0		0		0		0	0		0		0		0		0		
307.10	307.13		Y3QV	V	50		0		0		0	0		0		0		0		0		
307.40	307.46		F2GD		0		0		0		0	0		0		0		0		0		
307.55	307.56		GG	FT	25		0		0		0	0		0		0		0		0		
307.68	307.83		F3GD		0		0		0		0	0		0		0		0		0		
307.73	307.74		Y5ST	ST	65		0		0		0	0		0		0		0		0		
307.84	307.86		GG	FT	26		0		0		0	0		0		0		0		0		
307.86	307.92		Y5QV	V	26		0		0		0	0		0		0		0		0		
307.92	307.95		Y3GG	FT	70		0		0		0	0		0		0		0		0		
308.33	308.37		GG	FT	40		0		0		0	0		0		0		0		0		
308.37	308.54		AP	D	40		0		0		0	0		0		0		0		0		
309.43	309.44		Y1GG	FT	40		0		0		0	0		0		0		0		0		
313.64	317.10	A3AD		D	15		0		0		0	0		0		0		0		0		CB STKWRK 313.64 TO 315.84
317.10	317.77	F3GD			0		0		0		0	0		0		0		0		0		
317.39	317.43		Y2QV	V	20		0		0		0	0		0		0		0		0		
317.77	318.30	F1GD			0		0		0		0	0		0		0		0		0		

# Diamond Drill Geology Record

HOLE NUMBER: **SND05426**

DATE: 9/01/1905

LOGGED BY JM DM

FROM (m)	TO (m)	MAIN ROCK	MINOR ROCK	STRUCT	ANGLE	ALTI	ALT1%	ALT2%	ALT3%	ALTI3%	PY%	SULF1	SULF1%	SULF2	SULF2%	SULF3	SULF3%	GANGUE	GANGUE%	COMMENTS
318.27	318.28		CBST	ST	40		0			0	0		0					0	0	
318.31	330.89	A3GD			0		0			0	0		0					0	0	
319.87	319.98		GG	FT	30		0			0	0		0					0	0	
320.82	320.95		A3AD	D	40		0			0	0		0					0	0	
321.03	321.17		F3GD		0		0			0	0		0					0	0	
321.55	321.55		Y3GG	FT	30		0			0	0		0					0	0	
321.68	321.69		ST	ST	30		0			0	0		0					0	0	
321.85	321.86		ST	ST	30		0			0	0		0					0	0	

# Almaden Minerals Diamond Drill Record

**PROPERTY:** Elk **HOLE-ID:** SND05427 **DEPTH:** 299.31  
**AREA:** WD **EASTING:** 2544.60 **DATE START:** 9/06/1905  
**CLAIM:** SNML **NORTHING:** 3451.85 **DATE FINISH:** 9/08/1905  
**SECTION:** 2545E **ELEVATION:** 1648.61 **CONTRACTOR:** Leclerc Drilling Ltd 38  
**CORE SIZE:** NQ **RECOVERY:** 0.00 **RQD:** 0.00 **CORE STORED AT:** Elk Rack C Bay 30 **LOGGED BY:** JM DM

**COMMENTS** Hole 427 was drilled to test the WD zone. A 38cm VGQV was intersected at the projected location.

## ASSAY AVERAGES

FROM	TO	INT	TW	ZONE	AU OZ/T	AG OZ/T	SG
29.21	29.73	0.52	0.50	-	0.011	0.085	2.65
30.22	30.74	0.52	0.50	A	0.246	0.114	2.66
30.44	49.74	19.30	14.98	B	0.010	0.011	2.69
249.23	249.97	0.74	0.50	WD	1.344	2.532	2.77



# Sample Results

HOLE-ID SND05427

FROM (m)	TO (m)	Sample Number	Int (m)	GEOL	Analysis		Fire Assay		Metallics Assay		Reduced Results	
					AU ppb	AG gm/t	AU oz/t	AG oz/t	AU oz/t	AG oz/t	AU oz/t	AG oz/t
11.36	11.76	427-2	0.40	Y5GG	0.0	0.0	0.007	0.029	0.000	0.000	0.007	0.000
11.92	12.22	427-5	0.30	Y2ST	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.000
12.70	13.00	427-6	0.30	Y5ST	0.0	0.0	0.022	0.029	0.000	0.000	0.022	0.000
16.70	17.00	427-7	0.30	Y4QV	0.0	0.0	0.090	0.233	0.000	0.000	0.090	0.233
20.01	20.31	427-8	0.30	Y5ST	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.000
21.24	21.74	427-9	0.50	Y5ST	0.0	0.0	0.011	0.029	0.000	0.000	0.011	0.000
29.43	29.73	427-10	0.30	Y3ST	0.0	0.0	0.018	0.146	0.000	0.000	0.018	0.146
30.44	30.74	427-11	0.30	Y1GG	0.0	0.0	0.442	0.204	0.000	0.000	0.442	0.204
37.60	37.90	427-12	0.30	Y3ST	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
38.71	39.01	427-13	0.30	Y2ST	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
39.83	40.13	427-14	0.30	Y5ST	0.0	0.0	0.011	0.087	0.000	0.000	0.011	0.087
41.76	42.06	427-15	0.30	OV	0.0	0.0	0.003	0.029	0.000	0.000	0.003	0.000
47.96	48.26	427-16	0.30	Y3ST	0.0	0.0	0.003	0.029	0.000	0.000	0.003	0.000
48.53	48.83	427-17	0.30	Y2ST	0.0	0.0	0.066	0.233	0.000	0.000	0.066	0.233
49.44	49.74	427-18	0.30	Y2ST	0.0	0.0	0.031	0.058	0.000	0.000	0.031	0.058
54.91	55.21	427-19	0.30	Y2ST	0.0	0.0	0.011	0.029	0.000	0.000	0.011	0.000
56.10	56.70	427-20	0.60	Y5ST	0.0	0.0	0.025	0.029	0.000	0.000	0.025	0.000
57.97	58.27	427-22	0.30	Y3QV	0.0	0.0	0.026	0.029	0.000	0.000	0.026	0.000
65.42	65.72	427-25	0.30	Y5ST	0.0	0.0	0.020	0.029	0.000	0.000	0.020	0.000
66.96	67.26	427-26	0.30	Y3ST	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.000
67.99	68.59	427-27	0.60	Y3ST	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.000
75.15	75.45	427-28	0.30	Y5QV	0.0	0.0	0.009	0.117	0.000	0.000	0.009	0.117
76.51	76.81	427-29	0.30	Y3ST	0.0	0.0	0.007	0.029	0.000	0.000	0.007	0.000
101.58	102.18	427-30	0.60	Y2ST	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.000
112.68	112.98	427-46	0.30	Y2ST	0.0	0.0	0.002	0.029	0.000	0.000	0.002	0.000
118.00	118.30	427-31	0.30	Y1QV	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
127.11	127.41	427-32	0.30	Y2QV	0.0	0.0	0.036	0.146	0.000	0.000	0.036	0.146
129.69	129.99	427-33	0.30	Y5OV	0.0	0.0	0.006	0.029	0.000	0.000	0.006	0.000
167.43	167.73	427-34	0.30	Y4ST	0.0	0.0	0.010	0.029	0.000	0.000	0.010	0.000
168.19	168.49	427-35	0.30	Y3ST	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
174.33	174.63	427-36	0.30	ST	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.000
200.15	200.45	427-37	0.30	Y1QV	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.000
238.06	238.36	427-45	0.30	Y1QV	0.0	0.0	0.003	0.029	0.000	0.000	0.003	0.000
241.97	242.27	427-38	0.30	F1OM	0.0	0.0	0.032	0.087	0.000	0.000	0.032	0.087
243.55	244.75	427-39	1.20	Y4QV	0.0	0.0	0.025	0.175	0.000	0.000	0.025	0.175
245.23	245.53	427-40	0.30	Y3ST	0.0	0.0	0.006	0.029	0.010	0.058	0.010	0.058

# Sample Results

HOLE-ID SND05427

FROM (m)	TO (m)	Sample Number	Int (m)	GEOL	Analysis		Fire Assay		Metallics Assay		Reduced Results	
					AU ppb	AG gm/l	AU oz/t	AG oz/t	AU oz/t	AG oz/t	AU oz/t	AG oz/t
245.98	246.28	427-42	0.30	Y1GG	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
248.47	249.47	427-47	1.00	Y5OV	0.0	0.0	0.038	0.262	0.000	0.000	0.038	0.262
249.47	249.97	427-48	0.50	VGO	0.0	0.0	0.000	0.000	2.387	4.346	2.387	4.346
249.97	250.97	427-49	1.00	F3GD	0.0	0.0	0.022	0.117	0.000	0.000	0.022	0.117
251.94	252.24	427-50	0.30	Y5OV	0.0	0.0	0.102	0.175	0.000	0.000	0.102	0.175
256.80	257.10	427-51	0.30	Y1ST	0.0	0.0	0.003	0.029	0.000	0.000	0.003	0.000
267.34	267.64	427-52	0.30	Y3OV	0.0	0.0	0.002	0.029	0.000	0.000	0.002	0.000

# Down Hole Survey Data

Hole Number *SND05427*

Core Size

Hole Depth

DISTANCE	DIP	AZIMUTH	MAGDIP	TESLAS
0	-75	0.0	0	0
21.34	-76	0.9	0	0
36.58	-76	3.4	0	0
51.82	-75	1.7	0	0
67.06	-76	1.3	0	0
82.3	-75	6.1	0	0
97.54	-75	7.2	0	0
112.78	-75	6.9	0	0
128.02	-76	2.3	0	0
143.26	-76	2.9	0	0
158.5	-76	2.5	0	0
173.74	-76	3.1	0	0
188.98	-76	4.2	0	0
204.22	-75	10.5	0	0
219.46	-76	5.6	0	0
234.7	-76	5.1	0	0
249.94	-75	10.5	0	0
265.18	-75	5.6	0	0
280.42	-76	5.6	0	0
295.66	-75	10.8	0	0



# Diamond Drill Geology Record

HOLE NUMBER: **SND05427**

DATE: 9/06/1905

LOGGED BY JM DM

FROM (m)	TO (m)	MAIN ROCK	MINOR ROCK	STRUCT	ANGLE	ALT1	ALT1%	ALT2	ALT2%	ALT3	ALT3%	PY%	SULF1	SULF1%	SULF2	SULF2%	SULF3	SULF3%	GANGUE	GANGUE%	COMMENTS	
37.19	44.39		A1Q		0		0		0		0	0		0		0		0		0		
37.75	37.76		Y3ST	ST	47		0		0		0	0		0		0		0		0		
38.86	38.87		Y2ST	ST	40		0		0		0	0		0		0		0		0		
38.97	38.98		Y5ST	ST	85		0		0		0	0		0		0		0		0		
40.38	40.57		GG	FT	70		0		0		0	0		0		0		0		0		
41.89	41.93		QV	V	30		0		0		0	0		0		0		0		0		
42.92	42.93		ST	ST	50		0		0		0	0		0		0		0		0		
43.23	43.28		QV	V	60		0		0		0	0		0		0		0		0		
43.49	43.60		GG	FT	0		0		0		0	0		0		0		0		0		
43.79	43.91		GG	FT	35		0		0		0	0		0		0		0		0		
43.91	43.95		QV	V	30		0		0		0	0		0		0		0		0		
44.39	130.84	P2QM			0		0		0		0	0		0		0		0		0		
47.03	47.04		ST	ST	70		0		0		0	0		0		0		0		0		
47.20	47.26		A1Q		0		0		0		0	0		0		0		0		0		
47.23	47.24		FIQM		0		0		0		0	0		0		0		0		0		
47.36	47.46		A1Q		0		0		0		0	0		0		0		0		0		
47.40	47.43		FIQM		0		0		0		0	0		0		0		0		0		
47.72	47.78		A1Q		0		0		0		0	0		0		0		0		0		
47.97	48.58		A1Q		0		0		0		0	0		0		0		0		0		
48.11	48.11		Y3ST	ST	75		0		0		0	0		0		0		0		0		
48.61	48.77		A1Q		0		0		0		0	0		0		0		0		0		
48.68	48.69		Y2ST	ST	70		0		0		0	0		0		0		0		0		
48.85	49.12		A1Q		0		0		0		0	0		0		0		0		0		
49.51	49.52		Y2ST	ST	75		0		0		0	0		0		0		0		0		
49.66	49.67		Y1QV	V	80		0		0		0	0		0		0		0		0		
54.03	54.03		Y3ST	ST	72		0		0		0	0		0		0		0		0		
54.10	54.11		GG	FT	28	0	10		0		0	0		0		0		0		0		
54.56	54.60		A1Q		0		0		0		0	0		0		0		0		0		
54.67	54.72		A1Q		0		0		0		0	0		0		0		0		0		
54.96	55.15		A1Q		0		0		0		0	0		0		0		0		0		
55.03	55.10		FIQM		0		0		0		0	0		0		0		0		0		
55.06	55.07		Y2ST	ST	60		0		0		0	0		0		0		0		0		
56.07	56.28		A1Q		0		0		0		0	0		0		0		0		0		
56.14	56.15		Y1ST	ST	60		0		0		0	0		0		0		0		0		
56.40	56.69		A1Q		0		0		0		0	0		0		0		0		0		
56.49	56.49		Y1ST	ST	80		0		0		0	0		0		0		0		0		
56.60	56.60		Y5ST	ST	90		0		0		0	0		0		0		0		0		
56.61	56.62		Y1ST	ST	70		0		0		0	0		0		0		0		0		
57.98	58.19		A1Q		0		0		0		0	0		0		0		0		0		
58.12	58.13		Y3QV	V	80		0		0		0	0		0		0		0		0		
58.35	58.46		A1Q		0		0		0		0	0		0		0		0		0		
58.51	58.57		A1Q		0		0		0		0	0		0		0		0		0		
58.67	58.72		A1Q		0		0		0		0	0		0		0		0		0		
58.79	58.84		A1Q		0		0		0		0	0		0		0		0		0		
58.92	59.14		A1Q		0		0		0		0	0		0		0		0		0		
59.01	59.02		Y2ST	ST	80		0		0		0	0		0		0		0		0		
63.92	64.02		A1Q		0		0		0		0	0		0		0		0		0		
64.59	64.65		A1Q		0		0		0		0	0		0		0		0		0		
64.61	64.62		ST	ST	73		0		0		0	0		0		0		0		0		
65.51	65.65		A1Q		0		0		0		0	0		0		0		0		0		
65.55	65.56		Y5ST	ST	60		0		0		0	0		0		0		0		0		
65.58	65.58		ST	ST	65		0		0		0	0		0		0		0		0		
67.00	67.66		A1Q		0		0		0		0	0		0		0		0		0		
67.03	67.04		Y2ST	ST	70		0		0		0	0		0		0		0		0		











# Diamond Drill Geology Record

HOLE NUMBER: **SND05427**

DATE: 9/06/1905

LOGGED BY JM DM

FROM (m)	TO (m)	MAIN ROCK	MINOR ROCK	STRUCT	ANGLE	ALT1	ALT1%	ALT2	ALT2%	ALT3	ALT3%	PY%	SULF1	SULF1%	SULF2	SULF2%	SULF3	SULF3%	GANGUE	GANGUE%	COMMENTS	
250.41	250.51	A3GD			0		0		0		0	0		0		0		0		0		
250.51	275.07	A1GD			0	K	5		0		0	0		0		0		0		0		
251.14	251.14		Y1GG	FT	77				0		0	0		0		0		0		0		
251.35	251.42		A2GD		0		0		0		0	0		0		0		0		0		
251.81	252.23		A2GD		0		0		0		0	0		0		0		0		0		
251.94	255.18		F2GD		0		0		0		0	0		0		0		0		0		
251.97	251.97		Y5ST	ST	65				0		0	0		0		0		0		0		
252.02	252.11		Y5QV	V	50				0		0	0		0		0		0		0		
252.39	252.47		A2GD		0		0		0		0	0		0		0		0		0		
253.10	253.17		A2GD		0		0		0		0	0		0		0		0		0		
253.32	253.37		A2GD		0		0		0		0	0		0		0		0		0		
255.78	255.82		GG	FT	10				0		0	0		0		0		0		0		
256.28	256.40		A2GD		0		0		0		0	0		0		0		0		0		
256.65	256.69		GG	FT	75				0		0	0		0		0		0		0		
256.74	256.89		A2GD		0		0		0		0	0		0		0		0		0		
256.81	256.86		F2GD		0		0		0		0	0		0		0		0		0		
256.83	256.84		Y2ST	ST	80				0		0	0		0		0		0		0		
256.98	256.99		F1GD		0		0		0		0	0		0		0		0		0		
257.02	257.07		A2GD		0		0		0		0	0		0		0		0		0		
257.03	257.05		F1GD		0		0		0		0	0		0		0		0		0		
258.33	258.34		GG	FT	55				0		0	0		0		0		0		0		
261.64	261.65		ST	ST	63				0		0	0		0		0		0		0		
261.84	261.85		Y1ST	ST	75				0		0	0		0		0		0		0		
264.33	264.36		F2GD		0		0		0		0	0		0		0		0		0		
264.99	265.00		ST	ST	78				0		0	0		0		0		0		0		
267.48	267.51		Y3QV	V	60				0		0	0		0		0		0		0		
271.65	271.65		GG	FT	80				0		0	0		0		0		0		0		
275.07	280.19	GD			0		0		0		0	0		0		0		0		0		
277.19	278.07		A1GD		0		0		0		0	0		0		0		0		0		
277.30	277.31		ST	ST	45				0		0	0		0		0		0		0		
280.19	299.31	QM			0		0		0		0	0		0		0		0		0		
285.33	286.11		K1Q		0		0		0		0	0		0		0		0		0		
285.57	285.57		ST	ST	40				0		0	0		0		0		0		0		
285.64	285.65		ST	ST	30				0		0	0		0		0		0		0		
285.72	285.73		Y2ST	ST	70				0		0	0		0		0		0		0		
287.17	287.18		GG	FT	75				0		0	0		0		0		0		0		
287.40	287.40		Y4ST	ST	80				0		0	0		0		0		0		0		
289.02	289.18		K1Q		0		0		0		0	0		0		0		0		0		
297.70	297.70		ST	ST	30				0		0	0		0		0		0		0		
297.70	297.71		GG	FT	30				0		0	0		0		0		0		0		

# Almaden Minerals Diamond Drill Record

**PROPERTY:** Elk **HOLE-ID:** SND05428 **DEPTH:** 289.26  
**AREA:** WD **EASTING:** 2594.34 **DATE START:** 9/08/1905  
**CLAIM:** SNML **NORTHING:** 3421.12 **DATE FINISH:** 9/14/1905  
**SECTION:** 2595E **ELEVATION:** 1652.12 **CONTRACTOR:** Leclerc Drilling Ltd 38  
**CORE SIZE:** NQ **RECOVERY:** 0.00 **RQD:** 0.00 **CORE STORED AT:** Elk Rack C Bay 30 **LOGGED BY:** JM DM

**COMMENTS** Hole 428 was drilled to test the WD zone. A 62cm Y2QV was intersected at the projected location of the WD zone and 14cm healed gouge was intersected at the location of the WDb zone

## ASSAY AVERAGES

FROM	TO	INT	TW	ZONE	AU OZ/T	AG OZ/T	SG
52.80	53.60	0.80	0.75	B	0.056	0.153	2.64
52.86	53.60	0.74	0.70	B	0.060	0.164	2.64
52.90	77.01	24.11	23.82	C1	0.003	0.006	2.69
59.81	60.31	0.50	0.50	C1	0.003	0.000	2.64
90.61	91.66	1.05	1.00	D	0.178	0.307	2.67
253.27	254.11	0.84	0.65	Wda	0.180	0.524	2.69
268.16	268.77	0.61	0.50	WDb	0.005	0.030	2.70

# Sample Results

HOLE-ID SND05428

FROM (m)	TO (m)	Sample Number	Int (m)	GEOLOGICAL	Analysis		Fire Assay		Metallics Assay		Reduced Results	
					AU ppb	AG gm/l	AU oz/t	AG oz/t	AU oz/t	AG oz/t	AU oz/t	AG oz/t
50.09	50.49	428-1	0.40	Y2ST	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
52.90	53.60	428-2	0.70	Y3QV	0.0	0.0	0.064	0.175	0.000	0.000	0.064	0.175
54.00	54.30	428-3	0.30	Y1HG	0.0	0.0	0.004	0.029	0.000	0.000	0.004	0.000
57.48	57.78	428-4	0.30	Y5ST	0.0	0.0	0.004	0.029	0.000	0.000	0.004	0.000
60.01	60.31	428-5	0.30	Y3GG	0.0	0.0	0.005	0.029	0.000	0.000	0.005	0.000
73.85	74.15	428-6	0.30	Y1QV	0.0	0.0	0.013	0.029	0.000	0.000	0.013	0.000
76.61	77.01	428-7	0.40	Y4QV	0.0	0.0	0.048	0.058	0.000	0.000	0.048	0.058
81.36	81.66	428-8	0.30	Y2ST	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
86.38	86.68	428-9	0.30	DUPL	0.0	0.0	0.002	0.029	0.000	0.000	0.002	0.000
87.27	87.57	428-13	0.30	Y2QV	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
89.46	89.76	428-14	0.30	Y1QV	0.0	0.0	0.014	0.029	0.000	0.000	0.014	0.000
90.66	91.66	428-15	1.00	Y4QV	0.0	0.0	0.186	0.321	0.000	0.000	0.186	0.321
94.17	94.47	428-16	0.30	Y3QV	0.0	0.0	0.004	0.029	0.000	0.000	0.004	0.000
95.36	95.76	428-17	0.40	Y4QV	0.0	0.0	0.012	0.117	0.000	0.000	0.012	0.117
96.88	97.18	428-18	0.30	Y2QV	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.000
108.06	108.46	428-19	0.40	Y5QV	0.0	0.0	0.006	0.058	0.000	0.000	0.006	0.058
163.69	163.99	428-20	0.30	Y2QV	0.0	0.0	0.003	0.029	0.000	0.000	0.003	0.000
183.14	183.64	428-21	0.50	Y1QV	0.0	0.0	0.005	0.029	0.000	0.000	0.005	0.000
251.74	252.04	428-22	0.30	Y1QV	0.0	0.0	0.002	0.029	0.000	0.000	0.002	0.000
252.31	253.31	428-23	1.00	Y1GG	0.0	0.0	0.006	0.029	0.000	0.000	0.006	0.000
253.31	254.11	428-24	0.80	Y2QV	0.0	0.0	0.000	0.000	0.190	0.554	0.190	0.554
254.11	255.11	428-25	1.00	Y2ST	0.0	0.0	0.002	0.029	0.000	0.000	0.002	0.000
255.11	255.61	428-26	0.50	Y2ST	0.0	0.0	0.003	0.029	0.000	0.000	0.003	0.000
255.80	256.30	428-27	0.50	Y1ST	0.0	0.0	0.002	0.029	0.000	0.000	0.002	0.000
256.62	257.32	428-28	0.70	QV	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
258.20	258.80	428-30	0.60	DUPL	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
258.95	259.25	428-33	0.30	F2QM	0.0	0.0	0.002	0.029	0.000	0.000	0.002	0.000
259.95	260.25	428-34	0.30	Y2ST	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
261.04	261.34	428-35	0.30	Y2ST	0.0	0.0	0.002	0.029	0.000	0.000	0.002	0.000
262.58	262.88	428-36	0.30	F2OM	0.0	0.0	0.003	0.029	0.000	0.000	0.003	0.000
263.06	263.36	428-37	0.30	Y3ST	0.0	0.0	0.006	0.058	0.000	0.000	0.006	0.058
263.59	264.09	428-38	0.50	Y4ST	0.0	0.0	0.002	0.029	0.000	0.000	0.002	0.000
267.08	267.38	428-39	0.30	Y3ST	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
268.47	268.77	428-40	0.30	Y1HG	0.0	0.0	0.000	0.000	0.010	0.058	0.010	0.058
285.26	285.56	428-41	0.30	Y3QV	0.0	0.0	0.067	0.321	0.000	0.000	0.067	0.321
286.54	286.84	428-42	0.30	Y1QV	0.0	0.0	0.004	0.029	0.000	0.000	0.004	0.000

# Down Hole Survey Data

Hole Number *SND05428*

Core Size

Hole Depth

**DISTANCE    DIP    AZIMUTH    MAGDIP    TESLAS**

DISTANCE	DIP	AZIMUTH	MAGDIP	TESLAS
0	-68	0.0	0	0
10.67	-69	2.4	0	0
25.91	-68	2.5	0	0
41.15	-69	2.5	0	0
56.39	-69	3.3	0	0
71.63	-68	3.1	0	0
86.87	-68	3.6	0	0
102.11	-68	7.2	0	0
117.35	-69	4.2	0	0
132.59	-69	3.8	0	0
147.83	-68	6.5	0	0
163.07	-68	5.4	0	0
178.31	-68	6.7	0	0
193.55	-67	7.3	0	0
208.79	-68	8.5	0	0
224.03	-67	9.5	0	0
239.27	-68	6.5	0	0
254.51	-67	9.3	0	0
269.75	-67	10.1	0	0
284.99	-68	8.2	0	0

# Diamond Drill Geology Record

HOLE NUMBER: **SND05428**

DATE: 9/08/1905

LOGGED BY JM DM

FROM (m)	TO (m)	MAIN ROCK	MINOR ROCK	STRUCT	ANGLE	ALT1	ALT1%	ALT2	ALT2%	ALT3	ALT3%	PY%	SULF1	SULF1%	SULF2	SULF2%	SULF3	SULF3%	GANGUE	GANGUE%	COMMENTS	
3.66	3.75	OB			0		0		0		0	0		0		0		0		0		
3.75	15.02	P1QM			0		0		0		0	0		0		0		0		0		
3.91	4.19		P1QM		0		0		0		0	0		0		0		0		0		
5.13	5.97		P1QM		0		0		0		0	0		0		0		0		0		
12.08	12.12		K2Q		0		0		0		0	0		0		0		0		0		
15.02	19.94	P2QM			0		0		0		0	0		0		0		0		0		
15.44	15.50		XE		0		0		0		0	0		0		0		0		0		
18.79	18.88		P3AP	D	36		0		0		0	0		0		0		0		0		
19.93	21.38	P2QM			0		0		0		0	0		0		0		0		0		
19.96	19.97		GG	FT	53		0		0		0	0		0		0		0		0		
21.38	27.70	P2QM			0		0		0		0	0		0		0		0		0		
21.86	22.31		P2QM		0		0		0		0	0		0		0		0		0		
22.75	22.76		K3Q		0		0		0		0	0		0		0		0		0		
26.36	26.60		K3Q		0		0		0		0	0		0		0		0		0		
27.27	27.58		K3Q		0		0		0		0	0		0		0		0		0		
27.70	28.65	K3QM			0		0		0		0	0		0		0		0		0		
28.65	40.19	P2QM			0		0		0		0	0		0		0		0		0		
34.41	34.79		K4Q		0		0		0		0	0		0		0		0		0		
34.54	34.59		GG	FT	55		0		0		0	0		0		0		0		0		
35.01	35.09		K3Q		0		0		0		0	0		0		0		0		0		
35.39	35.52		K3Q		0		0		0		0	0		0		0		0		0		
35.73	35.77		K3Q		0		0		0		0	0		0		0		0		0		
35.83	35.89		K3Q		0		0		0		0	0		0		0		0		0		
38.62	38.84		K3Q		0		0		0		0	0		0		0		0		0		
40.19	42.25	P3QM			0		0		0		0	0		0		0		0		0		
42.25	42.58	S2QM			0		0		0		0	0		0		0		0		0		
42.58	43.00	A3QM			0		0		0		0	0		0		0		0		0		
43.00	53.00	P2QM			0		0		0		0	0		0		0		0		0		
43.48	43.95		K4Q		0		0		0		0	0		0		0		0		0		
43.76	43.83		A3AP	D	60		0		0		0	0		0		0		0		0		
44.57	44.61		K3Q		0		0		0		0	0		0		0		0		0		
45.80	45.88		A3Q		0		0		0		0	0		0		0		0		0		
48.26	48.42		A3Q		0		0		0		0	0		0		0		0		0		
48.29	48.30		ST	ST	80		0		0		0	0		0		0		0		0		
48.61	48.74		A3Q		0		0		0		0	0		0		0		0		0		
49.27	49.35		AP	D	45		0		0		0	0		0		0		0		0		
49.85	49.90		K3Q		0		0		0		0	0		0		0		0		0		
50.08	50.23		K3Q		0		0		0		0	0		0		0		0		0		
50.11	50.11		Y2ST	ST	75		0		0		0	0		0		0		0		0		
50.40	50.51		K3Q		0		0		0		0	0		0		0		0		0		
50.46	50.47		Y1ST	ST	65		0		0		0	0		0		0		0		0		
50.67	50.77		K3Q		0		0		0		0	0		0		0		0		0		
50.72	50.72		Y3ST	ST	60		0		0		0	0		0		0		0		0		
50.86	50.96		K3Q		0		0		0		0	0		0		0		0		0		
52.39	52.48		K2Q		0		0		0		0	0		0		0		0		0		
52.56	52.65		K3Q		0		0		0		0	0		0		0		0		0		
52.61	52.61		Y1ST	ST	80		0		0		0	0		0		0		0		0		
52.72	52.78		K3Q		0		0		0		0	0		0		0		0		0		
52.74	52.75		Y3ST	ST	65		0		0		0	0		0		0		0		0		
52.85	53.00		A4Q		0		0		0		0	0		0		0		0		0		
53.00	53.65	F2QM			0		0		0		0	0		0		0		0		0		
53.03	53.05		Y3QV	V	70		0		0		0	0		0		0		0		0		
53.08	53.10		Y1QV	V	70		0		0		0	0		0		0		0		0		
53.13	53.14		Y2ST	ST	70		0		0		0	0		0		0		0		0		



# Diamond Drill Geology Record

HOLE NUMBER: **SND05428**

DATE: 9/08/1905

LOGGED BY JM DM

FROM (m)	TO (m)	MAIN ROCK	MINOR ROCK	STRUCT	ANGLE	ALT1	ALT1%	ALT2	ALT2%	ALT3	ALT3%	PY%	SULF1	SULF1%	SULF2	SULF2%	SULF3	SULF3%	GANGUE	GANGUE%	COMMENTS	
90.91	90.99		FIQM		0		0		0		0			0		0		0		0		
90.94	90.95		Y1QV	V	57		0		0		0			0		0		0		0		
90.97	90.98		Y2ST	ST	65		0		0		0			0		0		0		0		
91.12	91.17		Y2QV	V	67		0		0		0		C	0.1		0		0		0		
91.28	91.29		Y3QV	V	55		0		0		0			0		0		0		0		
91.31	91.34		Y4QV	V	73		0		0		0			0		0		0		0		
91.49	91.49		Y3ST	ST	70		0		0		0			0		0		0		0		
91.61	91.62		Y4QV	V	70		0		0		0			0		0		0		0		
91.73	109.80	P2QM			0		0		0		0			0		0		0		0		
93.21	93.26		A4Q		0		0		0		0			0		0		0		0		
93.84	93.93		A4Q		0		0		0		0			0		0		0		0		
94.28	94.38		A4Q		0	SI	5		0		0			0		0		0		0		
94.32	94.33		Y3QV	V	70		0		0		0		G	0.1		0		0		0		
94.71	94.86		A4Q		0		0		0		0			0		0		0		0		
94.78	94.78		Y1ST	ST	85		0		0		0			0		0		0		0		
95.10	95.17		A4Q		0		0		0		0			0		0		0		0		
95.14	95.14		Y2ST	ST	75		0		0		0			0		0		0		0		
95.36	95.79		A4Q		0	C	2		0		0			0		0		0		0		
95.72	95.74		Y4QV	V	75		0		0		0			0		0		0		0		
96.50	96.61		A4Q		0		0		0		0			0		0		0		0		
96.55	96.56		F2QM		0		0		0		0			0		0		0		0		
96.96	97.00		K4Q		0		0		0		0			0		0		0		0		
97.04	97.09		K4Q		0		0		0		0			0		0		0		0		
97.06	97.07		Y2QV	V	70		0		0		0			0		0		0		0		
97.58	97.76		K4Q		0	C	5		0		0			0		0		0		0		
101.45	101.48		K4Q		0		0		0		0			0		0		0		0		
104.77	104.89		K3Q		0		0		0		0			0		0		0		0		
107.29	107.48		K3Q		0	C	5		0		0			0		0		0		0		
107.96	108.25		K3Q		0	C	2		0		0			0		0		0		0		
108.12	108.13		Y3ST	ST	85		0		0		0			0		0		0		0		
108.38	108.75		K3Q		0	C	5		0		0			0		0		0		0		
108.42	108.43		Y5QV	V	70		0		0		0			0		0		0		0		
108.81	108.97		K4Q		0	C	5		0		0			0		0		0		0		
109.70	109.80		K4Q		0	C	5		0		0			0		0		0		0		
109.80	110.44	K3QM			0	C	5		0		0			0		0		0		0		
110.44	111.00	A4QM			0	K	5		0		0			0		0		0		0		
111.00	111.18	P4HG		FT	60		0		0		0			0		0		0		0		
111.18	111.29	A5QM			0	K	5		0		0			0		0		0		0		
111.29	111.37	HG		FT	45		0		0		0			0		0		0		0		
111.37	112.38	A4QM			0	K	5		0		0			0		0		0		0		
112.38	112.72	P3QM			0		0		0		0			0		0		0		0		
112.72	113.56	P4AD			0		0		0		0			0		0		0		0		
113.52	113.54		GG	FT	0		0		0		0			0		0		0		0		
113.56	113.70	A4QM			0	K	5		0		0			0		0		0		0		
113.70	135.18	P2QM			0		0		0		0			0		0		0		0		
113.94	114.00		A3Q		0	K	5		0		0			0		0		0		0		
115.19	115.21		K4Q		0		0		0		0			0		0		0		0		
117.95	117.99		K4Q		0		0		0		0			0		0		0		0		
120.25	120.32		A3Q		0	K	3		0		0			0		0		0		0		
121.57	121.74		K2Q		0	C	5		0		0			0		0		0		0		
122.18	122.32		K3Q		0		0		0		0			0		0		0		0		
127.45	127.57		A4Q		0		0		0		0			0		0		0		0		
129.97	130.02		K4Q		0		0		0		0			0		0		0		0		
131.31	131.52		K3Q		0	C	5	C	2		0			0		0		0		0		



# Diamond Drill Geology Record

HOLE NUMBER: **SND05428**

DATE: 9/08/1905

LOGGED BY JM DM

FROM (m)	TO (m)	MAIN ROCK	MINOR ROCK	STRUCT	ANGLE	ALT1	ALT1%	ALT2	ALT2%	ALT3	ALT3%	PY%	SULF1	SULF1%	SULF2	SULF2%	SULF3	SULF3%	GANGUE	GANGUE%	COMMENTS	
131.84	131.90		K3Q		0		0		0		0	0		0		0		0		0		
131.94	131.98		K3Q		0		0		0		0	0		0		0		0		0		
135.18	137.02	P3QM			0		0		0		0	0		0		0		0		0		
135.21	135.24		A4Q		0		0		0		0	0		0		0		0		0		
136.96	137.02		K3Q		0	C	2		0		0	0		0		0		0		0		
137.02	138.06	P2QM			0		0		0		0	0		0		0		0		0		
138.06	143.03	P1QM			0		0		0		0	0		0		0		0		0		
143.03	146.73	P2QM			0		0		0		0	0		0		0		0		0		
144.81	144.91		K2Q		0	C	5		0		0	0		0		0		0		0		
146.65	146.73		K3Q		0	C	3		0		0	0		0		0		0		0		
146.73	156.25	P1QM			0		0		0		0	0		0		0		0		0		
148.48	148.57		A4Q		0		0		0		0	0		0		0		0		0		
148.52	148.54		K3Q		0		0		0		0	0		0		0		0		0		
148.54	148.55		ST	ST	75		0		0		0	0		0		0		0		0		
148.57	148.99		K2Q		0	C	5		0		0	0		0		0		0		0		
150.22	150.31		K3Q		0		0		0		0	0		0		0		0		0		
150.72	150.81		K3Q		0	C	5		0		0	0		0		0		0		0		
152.84	152.90		K3Q		0	C	5		0		0	0		0		0		0		0		
154.75	155.50		K3Q		0		0		0		0	0		0		0		0		0		
156.24	158.53	K3QM			0	C	5	C	2		0	0		0		0		0		0		
157.75	157.76		ST	ST	11		0		0		0	0		0		0		0		0		
158.23	158.24		ST	ST	20		0		0		0	0		0		0		0		0		
158.53	169.77	P2QM			0		0		0		0	0		0		0		0		0		
158.78	158.85		K3Q		0		0		0		0	0		0		0		0		0		
158.93	159.02		K3Q		0		0		0		0	0		0		0		0		0		
160.32	160.46		K3Q		0	C	5		0		0	0		0		0		0		0		
160.56	160.60		K4Q		0		0		0		0	0		0		0		0		0		
160.76	160.79		P3AP	D	50		0		0		0	0		0		0		0		0		
161.06	161.20		K3Q		0	C	5		0		0	0		0		0		0		0		
161.08	161.13		FIQM		0	K	5		0		0	0		0		0		0		0		
161.11	161.12		Y1QV	V	90		0		0		0	0		0		0		0		0		
161.35	161.53		K3Q		0	C	5	C	2		0	0		0		0		0		0		
162.25	162.41		K3Q		0		0		0		0	0		0		0		0		0		
162.29	162.29		Y1ST	ST	70		0		0		0	0		0		0		0		0		
162.36	162.36		ST	ST	70		0		0		0	0		0		0		0		0		
162.67	162.70		K3Q		0		0		0		0	0		0		0		0		0		
162.86	162.98		K4Q		0	C	3		0		0	0		0		0		0		0		
163.12	163.17		K4Q		0		0		0		0	0		0		0		0		0		
163.74	163.91		A4Q		0	K	5		0		0	0		0		0		0		0		
163.77	163.86		K4Q		0		0		0		0	0		0		0		0		0		
163.82	163.82		Y2QV	V	70		0		0		0	0		0		0		0		0		
164.66	164.75		K4Q		0	C	3		0		0	0		0		0		0		0		
165.40	165.45		K4Q		0		0		0		0	0		0		0		0		0		
166.44	166.72		K3Q		0	C	5		0		0	0		0		0		0		0		
169.77	207.97	P1QM			0		0		0		0	0		0		0		0		0		
172.98	173.07		K2Q		0	C	5		0		0	0		0		0		0		0		
182.45	182.57		K4Q		0		0		0		0	0		0		0		0		0		
182.51	182.52		ST	ST	60		0		0		0	0		0		0		0		0		
183.07	183.21		A4Q		0	K	5		0		0	0		0		0		0		0		
183.15	183.16		Y2ST	ST	65		0		0		0	0		0		0		0		0		
183.54	183.65		K3Q		0	C	5		0		0	0		0		0		0		0		
183.58	183.60		Y1QV	V	80		0		0		0	0		0		0		0		0		
184.21	184.41		K3Q		0	C	3		0		0	0		0		0		0		0		
184.24	184.24		Y3GG	FT	80		0		0		0	0		0		0		0		0		





# Almaden Minerals Diamond Drill Record

**PROPERTY:** Elk **HOLE-ID:** SND05429 **DEPTH:** 227.08  
**AREA:** WD **EASTING:** 2594.48 **DATE START:** 9/15/1905  
**CLAIM:** SNML **NORTHING:** 3470.82 **DATE FINISH:** 9/16/1905  
**SECTION:** 2595E **ELEVATION:** 1650.02 **CONTRACTOR:** Leclerc Drilling Ltd 38  
**CORE SIZE:** NQ **RECOVERY:** 0.00 **RQD:** 0.00 **CORE STORED AT:** Elk Rack C Bay 30 **LOGGED BY:** JM DM

**COMMENTS** Hole 429 was drilled to test the WD zone. A 40cm Y1QV was intersected at the projected WD location

## ASSAY AVERAGES

FROM	TO	INT	TW	ZONE	AU OZ/T	AG OZ/T	SG
31.95	50.11	18.16	17.33	B	0.011	0.014	2.69
40.78	41.29	0.51	0.50	-	0.067	0.103	2.67
49.59	50.11	0.52	0.50	C2	0.041	0.045	2.60
72.30	72.81	0.51	0.50	D	0.108	0.135	2.64
195.23	196.65	1.42	0.50	WD	0.429	0.792	2.60

# Sample Results

HOLE-ID SND05429

FROM (m)	TO (m)	Sample Number	Int (m)	GEOL	Analysis		Fire Assay		Metallics Assay		Reduced Results	
					AU ppb	AG gm/l	AU oz/t	AG oz/t	AU oz/t	AG oz/t	AU oz/t	AG oz/t
22.82	23.42	429-1	0.60	Y3OV	0.0	0.0	0.042	0.117	0.000	0.000	0.042	0.117
23.79	24.19	429-2	0.40	Y1ST	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.000
31.95	32.45	429-3	0.50	Y1QV	0.0	0.0	0.015	0.087	0.000	0.000	0.015	0.087
37.19	37.49	429-4	0.30	Y4QV	0.0	0.0	0.390	0.408	0.000	0.000	0.390	0.408
40.99	41.29	429-5	0.30	Y3ST	0.0	0.0	0.115	0.175	0.000	0.000	0.115	0.175
41.80	42.40	429-6	0.60	Y1QV	0.0	0.0	0.004	0.029	0.000	0.000	0.004	0.000
44.65	44.95	429-8	0.30	Y3QV	0.0	0.0	0.021	0.058	0.000	0.000	0.021	0.058
46.02	46.32	429-11	0.30	Y3ST	0.0	0.0	0.034	0.058	0.000	0.000	0.034	0.058
47.09	47.39	429-12	0.30	Y3ST	0.0	0.0	0.007	0.029	0.000	0.000	0.007	0.000
49.71	50.11	429-13	0.40	Y1QV	0.0	0.0	0.052	0.058	0.000	0.000	0.052	0.058
61.49	61.99	429-14	0.50	Y3ST	0.0	0.0	0.004	0.029	0.000	0.000	0.004	0.000
62.32	62.82	429-15	0.50	Y3QV	0.0	0.0	0.091	0.292	0.000	0.000	0.091	0.292
64.38	64.68	429-16	0.30	Y1QV	0.0	0.0	0.006	0.029	0.000	0.000	0.006	0.000
66.14	66.44	429-17	0.30	QV	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
68.60	68.90	429-18	0.30	Y3QV	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
72.51	72.81	429-19	0.30	Y4ST	0.0	0.0	0.186	0.233	0.000	0.000	0.186	0.233
73.62	73.92	429-20	0.30	Y2QV	0.0	0.0	0.028	0.146	0.000	0.000	0.028	0.146
74.16	74.46	429-21	0.30	Y3ST	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.000
75.04	75.44	429-22	0.40	Y3ST	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.000
80.40	81.40	429-23	1.00	Y5ST	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
81.61	81.91	429-24	0.30	Y1QV	0.0	0.0	0.004	0.029	0.000	0.000	0.004	0.000
132.14	132.44	429-25	0.30	QV	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
135.05	135.55	429-26	0.50	Y4ST	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.000
136.59	136.89	429-28	0.30	Y2ST	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.000
148.13	148.43	429-31	0.30	Y3ST	0.0	0.0	0.052	0.029	0.000	0.000	0.052	0.000
153.55	153.85	429-32	0.30	Y2ST	0.0	0.0	0.008	0.029	0.000	0.000	0.008	0.000
161.03	161.33	429-33	0.30	Y3ST	0.0	0.0	0.002	0.029	0.000	0.000	0.002	0.000
165.32	165.62	429-34	0.30	Y1ST	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
168.70	169.00	429-35	0.30	Y1QV	0.0	0.0	0.006	0.029	0.000	0.000	0.006	0.000
195.25	196.25	429-36	1.00	HG	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
196.25	196.65	429-37	0.40	Y3QV	0.0	0.0	0.000	0.000	1.499	2.771	1.499	2.771
196.65	197.65	429-38	1.00	A4O	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.000
199.70	200.00	429-39	0.30	Y3GG	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.000
200.46	200.76	429-40	0.30	Y1GG	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
201.15	201.65	429-41	0.50	Y5ST	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
202.82	203.52	429-42	0.70	Y1HG	0.0	0.0	0.002	0.029	0.000	0.000	0.002	0.000

# Sample Results

HOLE-ID SND05429

FROM (m)	TO (m)	Sample Number	Int (m)	GEOL	Analysis		Fire Assay		Metallics Assay		Reduced Results	
					AU ppb	AG gm/l	AU oz/t	AG oz/t	AU oz/t	AG oz/t	AU oz/t	AG oz/t
205.92	206.32	429-43	0.40	F4QM	0.0	0.0	0.002	0.029	0.000	0.000	0.002	0.000
207.24	207.54	429-51	0.30	Y1GG	0.0	0.0	0.002	0.029	0.000	0.000	0.002	0.000
207.89	208.59	429-44	0.70	Y1GG	0.0	0.0	0.002	0.058	0.000	0.000	0.002	0.058
211.54	211.84	429-45	0.30	F4QM	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
212.70	213.00	429-46	0.30	Y4ST	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
214.06	214.46	429-48	0.40	Y1QV	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.000
214.94	215.44	429-52	0.50	Y5OV	0.0	0.0	0.000	0.000	0.000	0.000	0.000	0.000
216.51	216.81	429-55	0.30	Y4ST	0.0	0.0	0.003	0.029	0.000	0.000	0.003	0.000
222.70	223.00	429-53	0.30	F4QM	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.000
224.38	224.68	429-54	0.30	Y5OV	0.0	0.0	0.026	0.292	0.000	0.000	0.026	0.292

# Down Hole Survey Data

Hole Number *SND05429*

Core Size

Hole Depth

**DISTANCE    DIP    AZIMUTH    MAGDIP    TESLAS**

DISTANCE	DIP	AZIMUTH	MAGDIP	TESLAS
0	-67	0.0	0	0
40.54	-67	359.9	0	0
55.78	-67	2.3	0	0
71.02	-68	1.9	0	0
86.26	-67	2.9	0	0
101.5	-68	2.5	0	0
116.74	-68	1.4	0	0
131.98	-67	2.9	0	0
147.22	-68	2.5	0	0
162.46	-68	4.0	0	0
177.7	-67	5.1	0	0
192.94	-67	5.9	0	0
208.18	-68	4.6	0	0
223.42	-67	5.2	0	0















# Diamond Drill Geology Record

HOLE NUMBER: **SND05429**

DATE: 9/15/1905

LOGGED BY JM DM

FROM (m)	TO (m)	MAIN ROCK	MINOR ROCK	STRUCT	ANGLE	ALT1	ALT1%	ALT2	ALT2%	ALT3	ALT3%	PV%	SULF1	SULF1%	SULF2	SULF2%	SULF3	SULF3%	GANQUE	GANQUE%	COMMENTS	
215.15	215.52		PG	D	60		0		0		0	1		0		0		0		0	0	
215.17	215.28		QV	V	75		0		0		0	0		0		0		0	X	0	3	?COARSE QUARTZ IN PEGMATITE
216.23	220.52	QM			0		0		0		0	0		0		0		0		0	0	ENRICHED WITH MAFICS 30%
216.32	216.40		A5Q		0		0		0		0	0		0		0		0		0	0	
216.48	216.57		A5Q		0		0		0		0	0		0		0		0		0	0	
216.54	216.57		F4QM		0		0		0		0	0		0		0		0		0	0	
216.55	216.56		Y4ST	ST	80		0		0		0	0		0		0		0		0	0	
216.73	216.94		AP	D	85		0		0		0	0		0		0		0		0	0	
216.76	216.77		F3QM		0		0		0		0	0		0		0		0		0	0	
217.15	217.27		A4Q		0		0		0		0	0		0		0		0		0	0	
219.07	219.25		PG	D	65		0		0		0	0		0		0		0		0	0	
219.26	219.41		PG	D	65		0		0		0	0		0		0		0		0	0	
219.41	219.89		A4Q		0		0		0		0	0		0		0		0		0	0	
220.19	220.22		AP	D	70		0		0		0	0		0		0		0		0	0	
220.52	221.43	PG		D	80		0		0		0	0.1		0		0		0		0	0	
221.13	221.13		GG	FT	35		0		0		0	0		0		0		0		0	0	
221.43	221.73	ASPG		D	40		0		0		0	0		0		0		0		0	0	
221.73	222.31	QM			0		0		0		0	0		0		0		0		0	0	ENRICHED WITH MAFICS 30%
222.31	222.33	F4QM			0		0		0		0	0		0		0		0		0	0	
222.33	227.08	GD			0		0		0		0	0		0		0		0		0	0	
222.84	222.87		F4QM		0		0		0		0	0		0		0		0		0	0	
222.90	222.92		F4QM		0		0		0		0	0		0		0		0		0	0	
224.48	224.55		F5QM		0		0		0		0	0		0		0		0		0	0	
224.51	224.53		Y5QV	V	80		0		0		0	0		0		0		0		0	0	

# Almaden Minerals Diamond Drill Record

**PROPERTY:** Elk **HOLE-ID:** SND05430 **DEPTH:** 151.49  
**AREA:** WD **EASTING:** 2594.28 **DATE START:** 9/16/1905  
**CLAIM:** SNML **NORTHING:** 3533.06 **DATE FINISH:** 9/17/1905  
**SECTION:** 2595E **ELEVATION:** 1641.68 **CONTRACTOR:** Leclerc Drilling Ltd 38  
**CORE SIZE:** NQ **RECOVERY:** 0.00 **RQD:** 0.00 **CORE STORED AT:** Elk Rack C Bay 30 **LOGGED BY:** JM DM

**COMMENTS** Hole 430 was drilled to test the WD zone. A 9cm Y2QV was intersected at the projected location of the WD zone.

## ASSAY AVERAGES

FROM	TO	INT	TW	ZONE	AU OZ/T	AG OZ/T	SG
11.54	12.07	0.53	0.50	C1	0.001	0.000	2.59
17.66	18.19	0.53	0.50	C2	0.054	0.086	2.66
17.89	23.13	5.24	5.13	C2	0.008	0.013	2.66
22.60	23.13	0.53	0.50	C3	0.000	0.000	2.62
44.75	45.29	0.54	0.50	D	0.024	0.063	2.65
131.34	131.99	0.65	0.50	WDa	0.053	0.106	2.53
135.57	136.09	0.52	0.50	WDb	0.485	0.732	2.64

# Sample Results

HOLE-ID SND05430

FROM (m)	TO (m)	Sample Number	Int (m)	GEOL	Analysis		Fire Assay		Metallics Assay		Reduced Results	
					AU ppb	AG gm/l	AU oz/t	AG oz/t	AU oz/t	AG oz/t	AU oz/t	AG oz/t
6.24	6.54	430-1	0.30	Y3ST	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
8.12	8.42	430-2	0.30	Y3ST	0.0	0.0	0.045	0.175	0.000	0.000	0.045	0.175
11.67	12.07	430-3	0.40	OV	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
14.41	14.71	430-4	0.30	Y1OV	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
17.89	18.19	430-5	0.30	Y3Q	0.0	0.0	0.092	0.146	0.000	0.000	0.092	0.146
18.51	18.91	430-6	0.40	Y5ST	0.0	0.0	0.033	0.058	0.000	0.000	0.033	0.058
19.66	19.96	430-7	0.30	Y4ST	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
21.41	21.91	430-8	0.50	Y1OV	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.000
22.83	23.13	430-9	0.30	OV	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.000
24.28	24.58	430-10	0.30	Y5ST	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.000
27.74	28.04	430-11	0.30	Y1ST	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.000
28.39	28.69	430-13	0.30	DUP	0.0	0.0	0.003	0.029	0.000	0.000	0.003	0.000
34.39	34.69	430-16	0.30	Y3ST	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
44.99	45.29	430-17	0.30	Y5ST	0.0	0.0	0.044	0.117	0.000	0.000	0.044	0.117
91.80	92.10	430-18	0.30	Y5ST	0.0	0.0	0.028	0.117	0.000	0.000	0.028	0.117
122.96	123.26	430-19	0.30	Y1ST	0.0	0.0	0.002	0.029	0.000	0.000	0.002	0.000
128.96	129.36	430-20	0.40	Y2QV	0.0	0.0	0.004	0.029	0.000	0.000	0.004	0.000
130.04	130.44	430-21	0.40	Y1OV	0.0	0.0	0.007	0.029	0.000	0.000	0.007	0.000
130.44	131.34	430-22	0.90	A5Q	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
131.34	131.74	430-23	0.40	Y2QV	0.0	0.0	0.000	0.000	0.000	0.000	0.000	0.000
131.74	132.34	430-24	0.60	K4Q	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
132.34	132.64	430-25	0.30	Y2GG	0.0	0.0	0.002	0.029	0.000	0.000	0.002	0.000
135.59	136.09	430-26	0.50	Y5QV	0.0	0.0	0.502	0.758	0.000	0.000	0.502	0.758
137.10	137.40	430-27	0.30	Y3QV	0.0	0.0	0.179	0.175	0.000	0.000	0.179	0.175



# Down Hole Survey Data

Hole Number *SND05430*

Core Size

Hole Depth

DISTANCE	DIP	AZIMUTH	MAGDIP	TESLAS
0	-70	0.0	0	0
25.91	-71	358.2	0	0
41.15	-70	358.2	0	0
56.39	-70	358.4	0	0
71.63	-71	0.5	0	0
86.87	-70	0.1	0	0
102.11	-70	4.4	0	0
117.35	-70	4.7	0	0
132.59	-70	4.0	0	0
147.83	-70	4.6	0	0

# Diamond Drill Geology Record

HOLE NUMBER: **SND05430**

DATE: 9/16/1905

LOGGED BY JM DM

FROM (m)	TO (m)	MAIN ROCK	MINOR ROCK	STRUCT	ANGLE	ALT1	ALT1%	ALT2	ALT2%	ALT3	ALT3%	PY%	SULF1	SULF1%	SULF2	SULF2%	SULF3	SULF3%	GANGUE	GANGUE%	COMMENTS	
3.66	3.69	OB			0		0		0		0	0		0		0		0		0		
3.69	5.93	P1QM			0		0		0		0	0		0		0		0		0		
4.02	4.05		K4Q		0		0		0		0	0		0		0		0		0		
4.14	4.28		P1QM		0	O	1		0		0	0		0		0		0		0		
5.20	5.28		K3Q		0		0		0		0	0		0		0		0		0		
5.83	5.93		A3Q		0		0		0		0	0		0		0		0		0		
5.93	7.63	P3QM			0		0		0		0	0		0		0		0		0		
6.21	6.29		K4Q		0	O	1		0		0	0		0		0		0		0		
6.29	6.53		A4Q		0	K	1		0		0	0		0		0		0		0		
6.36	6.36		Y3ST	ST	65		0		0		0	0		0		0		0		0		
6.67	6.74		K4Q		0		0		0		0	0		0		0		0		0		
7.63	8.68	A4QM			0	K	5		0		0	0		0		0		0		0		
8.16	8.16		Y3ST	ST	55		0		0		0	0		0		0		0		0		
8.36	8.37		Y3ST	ST	60		0		0		0	0		0		0		0		0		
8.68	15.90	P3QM			0		0		0		0	0		0		0		0		0		
8.76	8.82		A4Q		0		0		0		0	0		0		0		0		0		
9.10	9.19		A4Q		0		0		0		0	0		0		0		0		0		
9.16	9.16		Y1ST	ST	80		0		0		0	0		0		0		0		0		
11.20	11.31		A4Q		0	K	3		0		0	0		0		0		0		0		
11.28	11.28		Y1GG	FT	70		0		0		0	0		0		0		0		0		
11.68	11.71		A4Q		0	K	3		0		0	0		0		0		0		0		
11.83	11.85		K4Q		0	C	3		0		0	0		0		0		0		0		
11.94	12.15		K4Q		0	C	3		0		0	0		0		0		0		0		
12.04	12.05		QV	Q	80		0		0		0	0		0		0		0		0		
12.84	12.89		K4Q		0		0		0		0	0		0		0		0		0		
13.01	13.11		A4Q		0	K	3		0		0	0		0		0		0		0		
13.06	13.07		Y1ST	ST	75		0		0		0	0		0		0		0		0		
14.44	14.70		K4Q		0	C	5		0		0	0		0		0		0		0		
14.49	14.51		Y1QV	V	60		0		0		0	0		0		0		0		0		
14.63	14.63		Y2ST	ST	70		0		0		0	0		0		0		0		0		
15.29	150.29		Y3GG	FT	80		0		0		0	0		0		0		0		0		
15.79	15.79		Y1GG	FT	80		0		0		0	0		0		0		0		0		
15.90	19.61	P2QM			0		0		0		0	0		0		0		0		0		
17.98	18.13		A4Q		0		0		0		0	0		0		0		0		0		
18.05	18.07		Y3QV	V	85		0		0		0	0	CP	0.5		0		0		0		
18.52	18.90		A4Q		0		0		0		0	0		0		0		0		0		
18.53	18.53		Y3ST	ST	80		0		0		0	0		0		0		0		0		
18.60	18.60		Y5ST	ST	80		0		0		0	0		0		0		0		0		
18.83	18.83		Y3ST	ST	85		0		0		0	0		0		0		0		0		
19.10	19.14		A4Q		0		0		0		0	0		0		0		0		0		
19.30	19.33		K4Q		0		0		0		0	0		0		0		0		0		
19.61	30.70	P1QM			0		0		0		0	0		0		0		0		0		
19.77	19.85		A5Q		0		0		0		0	0		0		0		0		0		
19.81	19.82		Y4ST	ST	75		0		0		0	0		0		0		0		0		
21.44	21.56		A5Q		0		0		0		0	0		0		0		0		0		
21.49	21.50		Y1QV	V	85		0		0		0	0		0		0		0		0		
21.84	21.88		K4Q		0		0		0		0	0		0		0		0		0		
21.86	21.86		Y1ST	ST	75		0		0		0	0		0		0		0		0		
22.02	22.05		K4Q		0		0		0		0	0		0		0		0		0		
22.92	23.04		A4Q		0	K	2		0		0	0		0		0		0		0		
22.98	22.99		QV	V	65		0		0		0	0		0		0		0		0		
24.46	24.49		K4Q		0		0		0		0	0		0		0		0		0		
24.48	24.48		Y5ST	ST	70		0		0		0	0		0		0		0		0		
25.22	25.28		A3Q		0	K	5		0		0	0		0		0		0		0		

# Diamond Drill Geology Record

HOLE NUMBER: SND05430

DATE: 9/16/1905

LOGGED BY JM DM

FROM (m)	TO (m)	MAIN ROCK	MINOR ROCK	STRUCT	ANGLE	ALT1	ALT1%	ALT2	ALT2%	ALT3	ALT3%	PV%	SULF1	SULF1%	SULF2	SULF2%	SULF3	SULF3%	GANGUE	GANGUE%	COMMENTS	
25.24	25.24		Y1ST	ST	85		0		0		0			0		0		0		0		
26.23	26.26		K4Q				0		0		0			0		0		0		0		
26.24	26.24		Y2ST	ST	70		0		0		0			0		0		0		0		
27.91	27.96		A4Q			SE	1		0		0			0		0		0		0		
27.93	27.94		Y1ST				0		0		0			0		0		0		0		
28.52	28.59		A4Q				0		0		0			0		0		0		0		
28.56	28.56		Y2ST	ST	75		0		0		0			0		0		0		0		
29.28	29.82		K4Q			C	5		0		0			0		0		0		0		
29.68	29.68		Y4ST	ST	75		0		0		0			0		0		0		0		
30.70	31.43	K3QM				C	3		0		0			0		0		0		0		
30.73	30.73		Y4ST	ST	0		0		0		0			0		0		0		0		
31.15	31.17		GG	FT	80		0		0		0			0		0		0		0		
31.43	33.34	P2QM					0		0		0			0		0		0		0		
33.34	34.38	P4QM				K	2		0		0			0		0		0		0		
33.45	33.46		GG	FT	75		0		0		0			0		0		0		0		
33.88	33.88		GG	FT	20		0		0		0			0		0		0		0		
34.38	34.81	A3QM				C	5	K	2		0			0		0		0		0		
34.40	34.40		Y1ST	ST	75		0		0		0			0		0		0		0		
34.72	34.72		Y3ST	ST	70		0		0		0			0		0		0		0		
34.81	40.78	P2QM					0		0		0			0		0		0		0		
34.86	35.25		K3Q			C	5		0		0			0		0		0		0		
40.78	43.28	QM					0		0		0			0		0		0		0		
43.28	44.88	P1QM					0		0		0			0		0		0		0		
44.03	44.11		F2QM				0		0		0			0		0		0		0		
44.04	44.04		Y5ST	ST	65		0		0		0			0		0		0		0		
44.10	44.10		Y5ST	ST	65		0		0		0			0		0		0		0		
44.88	46.36	A4QM				C	3	SE	2		0			0		0		0		0		
45.56	45.56		Y5ST	ST	65		0		0		0			0		0		0		0		
45.99	45.99		Y3GG	FT	70		0		0		0			0		0		0		0		
46.04	46.04		Y1ST	ST	75		0		0		0			0		0		0		0		
46.23	46.23		Y5ST	ST	75		0		0		0			0		0		0		0		
46.36	56.68	P2QM					0		0		0			0		0		0		0		
49.52	49.99		P3QM			C	1		0		0			0		0		0		0		
49.85	49.88		Y3GG	FT	80		0		0		0			0		0		0		0		
50.15	50.20		A3Q			K	2		0		0			0		0		0		0		
51.08	51.16		A4Q			K	5		0		0			0		0		0		0		
51.09	51.13		F3QM				0		0		0			0		0		0		0		
51.11	51.12		Y1ST	ST	75		0		0		0			0		0		0		0		
52.03	52.13		A4Q			K	5	C	3		0			0		0		0		0		
52.10	52.10		Y1ST	ST	70		0		0		0			0		0		0		0		
53.14	53.17		K4Q				0		0		0			0		0		0		0		
53.15	53.15		Y5ST	ST	70		0		0		0			0		0		0		0		
56.17	56.21		K4Q			C	3	SE	1		0			0		0		0		0		
56.19	56.19		Y3ST	ST	70		0		0		0			0		0		0		0		
56.68	74.76	QM					0		0		0			0		0		0		0		
74.76	76.55	P3QM					0		0		0			0		0		0		0		
76.54	91.45	P2QM					0		0		0			0		0		0		0		
78.87	79.60		P3QM			K	1		0		0			0		0		0		0		
80.85	84.71		P3QM			K	1		0		0			0		0		0		0		
88.20	88.21		GG	FT	70		0		0		0			0		0		0		0		
91.45	93.27	P4QM				K	1		0		0			0		0		0		0		
91.97	92.07		F4QM			K	1		0		0			0		0		0		0		
92.01	92.02		Y5ST	ST	65		0		0		0			0		0		0		0		
92.07	92.39		K4Q			C	5		0		0			0		0		0		0		

# Diamond Drill Geology Record

HOLE NUMBER: **SND05430**

DATE: 9/16/1905

LOGGED BY JM DM

FROM (m)	TO (m)	MAIN ROCK	MINOR ROCK	STRUCT	ANGLE	ALT1	ALT1%	ALT2	ALT2%	ALT3	ALT3%	PY%	SULF1	SULF1%	SULF2	SULF2%	SULF3	SULF3%	GANGUE	GANGUE%	COMMENTS	
93.27	115.46	PIQM			0		0		0		0	0		0		0		0		0		
93.51	93.65		K3Q		0	C	6		0		0	0		0		0		0		0		
94.92	94.95		K4Q		0		0		0		0	0		0		0		0		0		
95.40	95.44		K4Q		0		0		0		0	0		0		0		0		0		
96.16	96.27		K4Q		0	C	3		0		0	0		0		0		0		0		
96.23	96.24		Y1ST	ST	60		0		0		0	0		0		0		0		0		
97.52	97.70		K4Q		0	C	5		0		0	0		0		0		0		0		
97.65	97.66		Y2GG	FT	70		0		0		0	0		0		0		0		0		
105.77	105.83		K3Q		0	SE	3		0		0	0		0		0		0		0		
105.80	105.81		ST	ST	70		0		0		0	0		0		0		0		0		
106.74	106.84		A4Q		0	K	3		0		0	0		0		0		0		0		
106.79	106.79		ST	ST	75		0		0		0	0		0		0		0		0		
111.18	111.57		K4Q		0	C	4		0		0	0		0		0		0		0		
115.46	122.28	PIQM			0	K	1		0		0	0		0		0		0		0		
121.64	121.64		ST	ST	65		0		0		0	0		0		0		0		0		
121.81	121.89		K3Q		0	C	5		0		0	0		0		0		0		0		
122.28	125.00	PIQM			0		0		0		0	0		0		0		0		0		
122.28	122.89		K3Q		0	C	5	C	1		0	0		0		0		0		0		
123.08	123.09		Y1ST	ST	50		0		0		0	0		0		0		0		0		
125.00	128.50	K3QM			0	C	5		0		0	0		0		0		0		0		
128.12	128.14		Y1GG	FT	0		0		0		0	0		0		0		0		0		
128.50	129.12	A4QM			0	K	1		0		0	0		0		0		0		0		
129.02	129.05		Y1GG	FT	75		0		0		0	0		0		0		0		0		
129.11	129.12		Y2QV	V	40		0		0		0	0		0		0		0		0		
129.12	131.53	ASQM			0		0		0		0	0		0		0		0		0		
129.82	129.83		Y1GG	FT	65		0		0		0	0		0		0		0		0		
130.19	130.21		Y2GG	FT	70		0		0		0	0		0		0		0		0		
130.35	130.42		S5QM		0		0		0		0	0		0		0		0		0		
130.38	130.40		Y1QV	V	65		0		0		0	0		0		0		0		0		
131.44	131.53	Y2QV		V	50		0		0		0	0		0		0		0		0		
131.53	136.12	K4QM			0	C	5	C	1		0	0		0		0		0		0		
131.64	131.91		A4Q		0		0		0		0	0		0		0		0		0		
134.79	134.79		ST	ST	75		0		0		0	0		0		0		0		0		
135.10	135.10		Y1ST	ST	75		0		0		0	0		0		0		0		0		
135.65	135.69		F4QM		0		0		0		0	0		0		0		0		0		
135.67	135.68		Y5QV	V	75		0		0		0	CP	1		0		0		0		0	
135.81	135.86		F4QM		0		0		0		0	0		0		0		0		0		
135.82	135.83		Y1QV	V	60		0		0		0	0		0		0		0		0		
135.86	136.12		A5Q		0		0		0		0	0		0		0		0		0		
135.95	136.00		S5QM		0		0		0		0	0		0		0		0		0		
135.97	135.97		Y4ST	ST	85		0		0		0	0		0		0		0		0		
136.12	141.32	P2QM			0		0		0		0	0		0		0		0		0		
137.08	137.38		K4Q		0	C	3		0		0	0		0		0		0		0		
137.15	137.32		F3QM		0		0		0		0	0		0		0		0		0		
137.24	137.26		Y3QV	V	80		0		0		0	0		0		0		0		0		
137.83	138.20		A3Q		0	C	3	K	3	SE	1	0		0		0		0		0		
138.13	138.14		Y3ST	ST	70		0		0		0	0		0		0		0		0		
138.47	138.52		A4Q		0		0		0		0	0		0		0		0		0		
138.51	138.51		Y2ST	ST	75		0		0		0	0		0		0		0		0		
139.09	139.30		K3Q		0	C	5		0		0	0		0		0		0		0		
139.65	139.71		A4Q		0	K	2	SE	1		0	0		0		0		0		0		
139.67	139.68		ST	ST	80		0		0		0	0		0		0		0		0		
141.12	141.32		K3Q		0		0		0		0	0		0		0		0		0		
141.32	142.84	PIQM			0		0		0		0	0		0		0		0		0		

# Diamond Drill Geology Record

HOLE NUMBER: **SND05430**

DATE: 9/16/1905

LOGGED BY JM DM

FROM (m)	TO (m)	MAIN ROCK	MINOR ROCK	STRUCT	ANGLE	ALT1	ALT1%	ALT2	ALT2%	ALT3	ALT3%	PY%	SULF1	SULF1%	SULF2	SULF2%	SULF3	SULF3%	GANGUE	GANGUE%	COMMENTS
141.85	141.87		K4Q		0				0			0		0					0	0	
141.93	141.96		A4Q		0				0			0		0					0	0	
142.84	151.49	P2QM			0				0			0		0					0	0	
144.27	144.56		K3Q		0	C		C	0	1		0		0					0	0	
146.43	146.48		K5Q		0				0			0		0					0	0	
147.49	147.53		K5Q		0				0			0		0					0	0	
150.25	150.32		K4Q		0				0			0		0					0	0	

# Almaden Minerals Diamond Drill Record

PROPERTY:	Elk	HOLE-ID:	SND05431	DEPTH:	150.88	
AREA:	WD	EASTING:	2645.32	DATE START:	9/18/1905	
CLAIM:	SNML	NORTHING:	3546.90	DATE FINISH:	9/19/1905	
SECTION:	2645E	ELEVATION:	1639.04	CONTRACTOR:	Leclerc Drilling Ltd 38	
CORE SIZE:	NQ	RECOVERY:	0.00	RQD:	0.00	
		CORE STORED AT:	Elk Rack C Bay 30		LOGGED BY:	JM DM

COMMENTS Hole 431 was drilled to test the WD zone. A 28cm pyritic gouge was intersected at the projected location.

## ASSAY AVERAGES

FROM	TO	INT	TW	ZONE	AU OZ/T	AG OZ/T	SG
7.21	19.42	12.21	11.14	B	0.011	0.015	2.67
10.91	11.47	0.56	0.50	B	0.019	0.031	2.64
115.78	116.48	0.70	0.57	WDa	0.021	0.058	2.60
125.68	126.34	0.66	0.50	WDb	0.001	0.000	2.61
143.76	144.41	0.65	0.50	WD2	0.008	0.034	2.66

# Sample Results

HOLE-ID SND05431

FROM (m)	TO (m)	Sample Number	Int (m)	GEOL	Analysis		Fire Assay		Metallics Assay		Reduced Results	
					AU ppb	AG gm/l	AU oz/t	AG oz/t	AU oz/t	AG oz/t	AU oz/t	AG oz/t
7.21	7.91	431-1	0.70	Y1OV	0.0	0.0	0.153	0.233	0.000	0.000	0.153	0.233
8.23	8.53	431-2	0.30	Y5ST	0.0	0.0	0.008	0.029	0.000	0.000	0.008	0.000
8.80	9.10	431-3	0.30	Y5ST	0.0	0.0	0.026	0.029	0.000	0.000	0.026	0.000
10.46	10.76	431-9	0.30	Y3ST	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.000
11.17	11.47	431-4	0.30	Y5ST	0.0	0.0	0.036	0.058	0.000	0.000	0.036	0.058
11.85	12.15	431-6	0.30	DUPL	0.0	0.0	0.002	0.029	0.000	0.000	0.002	0.000
16.49	16.79	431-10	0.30	Y4ST	0.0	0.0	0.002	0.029	0.000	0.000	0.002	0.000
17.45	17.75	431-11	0.30	Y3QV	0.0	0.0	0.004	0.029	0.000	0.000	0.004	0.000
19.12	19.42	431-12	0.30	Y1OV	0.0	0.0	0.008	0.029	0.000	0.000	0.008	0.000
21.04	21.34	431-13	0.30	Y5ST	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
23.85	24.15	431-14	0.30	ST	0.0	0.0	0.002	0.029	0.000	0.000	0.002	0.000
29.73	30.03	431-15	0.30	Y1ST	0.0	0.0	0.004	0.029	0.000	0.000	0.004	0.000
32.10	32.40	431-16	0.30	Y4ST	0.0	0.0	0.004	0.029	0.000	0.000	0.004	0.000
34.80	35.60	431-17	0.80	Y4ST	0.0	0.0	0.002	0.029	0.000	0.000	0.002	0.000
47.83	48.63	431-18	0.80	Y2QV	0.0	0.0	0.054	0.204	0.000	0.000	0.054	0.204
55.71	56.01	431-19	0.30	Y2GG	0.0	0.0	0.002	0.029	0.000	0.000	0.002	0.000
58.32	58.62	431-20	0.30	Y2GG	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
114.78	115.78	431-21	1.00	A4Q	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
115.78	116.48	431-22	0.70	Y2GG	0.0	0.0	0.000	0.000	0.021	0.058	0.021	0.058
116.48	117.48	431-23	1.00	A5Q	0.0	0.0	0.000	0.000	0.000	0.000	0.000	0.000
119.91	120.21	431-24	0.30	Y2GG	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
126.04	126.34	431-26	0.30	DUPL	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
144.11	144.41	431-29	0.30	Y2QV	0.0	0.0	0.000	0.000	0.013	0.058	0.013	0.058

# Down Hole Survey Data

Hole Number *SND05431*

Core Size

Hole Depth

DISTANCE    DIP    AZIMUTH    MAGDIP    TESLAS

DISTANCE	DIP	AZIMUTH	MAGDIP	TESLAS
0	-70	0.0	0	0
10.06	-70	1.4	0	0
25.3	-70	3.0	0	0
40.54	-70	1.8	0	0
55.78	-70	3.4	0	0
71.02	-69	4.1	0	0
86.26	-71	3.8	0	0
101.5	-70	4.5	0	0
116.74	-70	5.8	0	0
131.98	-71	8.8	0	0
147.22	-70	11.3	0	0





# Diamond Drill Geology Record

HOLE NUMBER: **SND05431**

DATE: 9/18/1905

LOGGED BY JM DM

FROM (m)	TO (m)	MAIN ROCK	MINOR ROCK	STRUCT	ANGLE	ALT1	ALT1%	ALT2	ALT2%	ALT3	ALT3%	PY%	SULF1	SULF1%	SULF2	SULF2%	SULF3	SULF3%	GANGUE	GANGUE%	COMMENTS	
25.79	26.11		K4Q		0	C	3		0		0	0		0		0		0		0		
26.41	26.52		K4Q		0	C	3	C	2		0	0		0		0		0		0		
29.51	30.03		K3Q		0	C	5		0		0	0		0		0		0		0		
29.91	29.98		F4QM		0	K	2		0		0	0		0		0		0		0		
29.95	29.96		Y1ST	ST	85		0		0		0	0		0		0		0		0		
30.50	30.55		K5Q		0		0		0		0	0		0		0		0		0		
31.00	31.23		A4Q		0	K	4		0		0	0		0		0		0		0		
31.18	31.18		Y1ST	ST	70		0		0		0	0		0		0		0		0		
32.09	32.37		K4Q		0	C	2	SE	1		0	0		0		0		0		0		
32.18	32.18		Y2ST	ST	70		0		0		0	0		0		0		0		0		
32.32	32.33		Y4ST	ST	60		0		0		0	0		0		0		0		0		
33.12	34.67	A3QM			0	C	5	K	2		0	0		0		0		0		0		
34.67	47.45	P2QM			0		0		0		0	0		0		0		0		0		
34.80	35.60		K4Q		0	C	5	C	2		0	0		0		0		0		0		
34.86	34.87		Y1ST	ST	60		0		0		0	0		0		0		0		0		
34.95	34.95		Y1ST	ST	70		0		0		0	0		0		0		0		0		
35.20	35.22		Y3ST	ST	80		0		0		0	0		0		0		0		0		
35.50	35.60		S4QM		0	K	3		0		0	0		0		0		0		0		
35.54	35.54		Y4ST	ST	70		0		0		0	0		0		0		0		0		
35.56	35.57		Y4ST	ST	70		0		0		0	0		0		0		0		0		
35.66	35.71		K4Q		0		0		0		0	0		0		0		0		0		
35.68	35.68		Y5ST	ST	70		0		0		0	0		0		0		0		0		
35.81	35.85		A4Q		0	K	3		0		0	0		0		0		0		0		
46.45	46.57		K3Q		0	C	4		0		0	0		0		0		0		0		
47.45	48.08	K4QM			0	C	5	C	1		0	0		0		0		0		0		
47.93	47.96		Y1QV	V	65		0		0		0	0		0		0		0		0		
48.07	48.07		GG	FT	65		0		0		0	0		0		0		0		0		
48.08	64.53	P2QM			0		0		0		0	0		0		0		0		0		
48.23	49.04		K4Q		0	C	3	C	3		0	0		0		0		0		0		
48.45	48.61		F5QM		0	K	1		0		0	0		0		0		0		0		
48.51	48.53		Y2QV	V	90		0		0		0	0		0		0		0		0		
49.36	49.59		K3Q		0	C	5		0		0	0		0		0		0		0		
49.72	49.74		K3Q		0	C	5		0		0	0		0		0		0		0		
50.58	50.62		K4Q		0		0		0		0	0		0		0		0		0		
51.33	51.40		K4Q		0		0		0		0	0		0		0		0		0		
51.38	51.39		Y1ST	ST	70		0		0		0	0		0		0		0		0		
51.94	52.04		K3Q		0	C	3		0		0	0		0		0		0		0		
52.52	52.85		K3Q		0	C	3		0		0	0		0		0		0		0		
53.32	53.35		K4Q		0		0		0		0	0		0		0		0		0		
54.66	54.81		K3Q		0	C	5		0		0	0		0		0		0		0		
55.31	55.37		K3Q		0		0		0		0	0		0		0		0		0		
55.69	55.71		A5Q		0		0		0		0	0		0		0		0		0		
55.82	55.97		A4Q		0	K	3		0		0	0		0		0		0		0		
55.85	55.86		Y2GG	FT	75		0		0		0	0		0		0		0		0		
56.15	56.41		K3Q		0	C	4	C	2		0	0		0		0		0		0		
56.92	57.10		K3Q		0	C	5		0		0	0		0		0		0		0		
56.94	56.94		ST	ST	55		0		0		0	0		0		0		0		0		
57.92	58.01		K3Q		0	C	3		0		0	0		0		0		0		0		
58.44	58.55		K4Q		0		0		0		0	0		0		0		0		0		
58.49	58.51		Y2GG	FT	60		0		0		0	0		0		0		0		0		
60.06	60.12		K3Q		0	C	3		0		0	0		0		0		0		0		
60.45	60.52		K2Q		0		0		0		0	0		0		0		0		0		
61.35	61.64		A3Q		0	C	3	K	2		0	0		0		0		0		0		
62.03	62.51		K5Q		0	C	2		0		0	0		0		0		0		0		

# Diamond Drill Geology Record

HOLE NUMBER: **SND05431**

DATE: 9/18/1905

LOGGED BY JM DM

FROM (m)	TO (m)	MAIN ROCK	MINOR ROCK	STRUCT	ANGLE	ALT1	ALT1%	ALT2	ALT2%	ALT3	ALT3%	PY%	SULF1	SULF1%	SULF2	SULF2%	SULF3	SULF3%	GANGUE	GANGUE%	COMMENTS	
62.26	62.27		ST	ST	25		0		0		0			0		0		0		0		
62.90	63.02		K4Q			C	3	C	2		0			0		0		0		0		
63.13	63.19		K4Q				0		0		0			0		0		0		0		
64.53	66.31		P1QM				0		0		0			0		0		0		0		
66.31	69.49		P2QM				0		0		0			0		0		0		0		
66.52	66.56		K3Q				0		0		0			0		0		0		0		
68.77	68.79		A4Q			K	1		0		0			0		0		0		0		
68.99	69.02		A4Q			K	1		0		0			0		0		0		0		
69.49	76.41		P3QM				0		0		0			0		0		0		0		
70.44	70.46		K4Q				0		0		0			0		0		0		0		
70.51	70.53		K4Q				0		0		0			0		0		0		0		
71.28	71.50		A3Q			K	2		0		0			0		0		0		0		
71.63	71.75		K4Q			C	2		0		0			0		0		0		0		
72.08	72.17		K3Q			C	3		0		0			0		0		0		0		
72.14	72.15		ST	ST	45		0		0		0			0		0		0		0		
72.54	72.57		K4Q				0		0		0			0		0		0		0		
72.71	72.75		K4Q				0		0		0			0		0		0		0		
73.25	73.33		K4Q			C	1		0		0			0		0		0		0		
73.53	73.92		A4Q			K	5		0		0			0		0		0		0		
73.65	73.66		GG	FT	45		0		0		0			0		0		0		0		
74.06	74.28		A3Q			C	4	K	2		0			0		0		0		0		
74.61	74.63		K4Q				0		0		0			0		0		0		0		
76.41	81.38		P1QM				0		0		0			0		0		0		0		
78.03	78.06		K4Q				0		0		0			0		0		0		0		
78.73	78.76		K4Q				0		0		0			0		0		0		0		
81.38	88.40		QM				0		0		0			0		0		0		0		
88.40	89.53		P1QM				0		0		0			0		0		0		0		
89.53	91.06		K3QM			C	5	C	3		0			0		0		0		0		
91.06	92.62		K2QM			C	5		0		0			0		0		0		0		
92.62	95.21		P2QM				0		0		0			0		0		0		0		
93.49	93.72		K3Q			C	5	C	2		0			0		0		0		0		
95.21	96.11		K4QM			C	5		0		0			0		0		0		0		
95.31	95.40		GG	FT	60		0		0		0			0		0		0		0		
95.87	95.87		GG	FT	60		0		0		0			0		0		0		0		
96.11	103.57		P2QM				0		0		0			0		0		0		0		
101.10	101.23		K3Q			C	5		0		0			0		0		0		0		
101.56	101.69		K4Q				0		0		0			0		0		0		0		
102.08	102.42		A3Q			C	5	K	3		0			0		0		0		0		
102.60	102.87		K4Q			C	3	C	3		0			0		0		0		0		
103.57	105.47		K3QM			C	5	C	2		0			0		0		0		0		
104.31	104.32		ST	ST	40		0		0		0			0		0		0		0		
105.47	110.75		P2QM				0		0		0			0		0		0		0		
105.90	105.96		K4Q				0		0		0			0		0		0		0		
105.92	105.92		ST	ST	55		0		0		0			0		0		0		0		
110.75	112.33		A4QM			K	5	C	2		0			0		0		0		0		
112.33	114.44		K4QM			C	5		0		0			0		0		0		0		
114.35	114.44		P3QM				0		0		0			0		0		0		0		
114.44	115.51		A4QM			K	3	C	2		0			0		0		0		0		
114.64	114.66		GG	FT	45		0		0		0			0		0		0		0		
115.38	115.44		P3QM				0		0		0			0		0		0		0		
115.44	115.51		K3Q			C	5		0		0			0		0		0		0		
115.51	116.18		A5QM			K	1		0		0			0		0		0		0		
115.78	115.80		Y2GG	FT	40		0		0		0			0		0		0		0		
116.13	116.14		Y1ST	ST	85		0		0		0			0		0		0		0		



# Almaden Minerals Diamond Drill Record

**PROPERTY:** Elk **HOLE-ID:** SND05432 **DEPTH:** 153.93  
**AREA:** WD **EASTING:** 2695.61 **DATE START:** 9/19/1905  
**CLAIM:** SNML **NORTHING:** 3544.37 **DATE FINISH:** 9/20/1905  
**SECTION:** 2695E **ELEVATION:** 1639.89 **CONTRACTOR:** Leclerc Drilling Ltd 38  
**CORE SIZE:** NQ **RECOVERY:** 0.00 **RQD:** 0.00 **CORE STORED AT:** Elk Rack C Bay 30 **LOGGED BY:** JM DM

**COMMENTS** Hole 432 was drilled to test the WD zone. An 11cm Y3QV was intersected at the projected location of the WD zone.

## ASSAY AVERAGES

FROM	TO	INT	TW	ZONE	AU OZ/T	AG OZ/T	SG
21.79	22.34	0.55	0.50	B	0.010	0.051	2.66
22.04	29.55	7.51	7.36	B	0.009	0.016	2.69
48.22	48.73	0.51	0.50	D	0.004	0.000	2.60
125.85	126.50	0.65	0.50	WD	0.557	0.573	2.61

# Sample Results

HOLE-ID SND05432

FROM (m)	TO (m)	Sample Number	Int (m)	GEOL	Analysis		Fire Assay		Metallics Assay		Reduced Results	
					AU ppb	AG gm/t	AU oz/t	AG oz/t	AU oz/t	AG oz/t	AU oz/t	AG oz/t
10.11	10.51	432-1	0.40	Y4ST	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
11.53	11.83	432-2	0.30	Y2ST	0.0	0.0	0.005	0.029	0.000	0.000	0.005	0.000
14.39	14.69	432-3	0.30	Y1ST	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.000
22.04	22.34	432-4	0.30	F4QM	0.0	0.0	0.017	0.087	0.000	0.000	0.017	0.087
27.34	27.74	432-5	0.40	Y2QV	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
29.15	29.55	432-6	0.40	Y2QV	0.0	0.0	0.160	0.233	0.000	0.000	0.160	0.233
32.54	32.84	432-7	0.30	Y1GG	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
39.38	39.68	432-8	0.30	Y3ST	0.0	0.0	0.021	0.029	0.000	0.000	0.021	0.000
48.33	48.73	432-9	0.40	Y4ST	0.0	0.0	0.005	0.029	0.000	0.000	0.005	0.000
63.69	64.09	432-10	0.40	Y1QV	0.0	0.0	0.007	0.029	0.000	0.000	0.007	0.000
125.20	126.20	432-11	1.00	Y1GG	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.000
126.20	126.50	432-12	0.30	Y3QV	0.0	0.0	0.000	0.000	1.190	1.225	1.190	1.225
126.50	127.50	432-13	1.00	K4O	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.000
128.17	128.47	432-14	0.30	Y3HG	0.0	0.0	0.002	0.029	0.000	0.000	0.002	0.000
129.31	129.61	432-15	0.30	Y2GG	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
130.10	130.40	432-17	0.30	Y4GG	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
138.97	139.27	432-20	0.30	Y5QV	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
139.86	140.56	432-21	0.70	Y3ST	0.0	0.0	0.000	0.000	0.000	0.000	0.000	0.000
141.64	141.94	432-22	0.30	Y5QV	0.0	0.0	0.003	0.029	0.000	0.000	0.003	0.000
143.57	143.87	432-24	0.30	Y4ST	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.000
144.19	144.49	432-23	0.30	Y1QV	0.0	0.0	0.002	0.058	0.000	0.000	0.002	0.058

# Down Hole Survey Data

Hole Number *SND05432*

Core Size

Hole Depth

**DISTANCE    DIP    AZIMUTH    MAGDIP    TESLAS**

DISTANCE	DIP	AZIMUTH	MAGDIP	TESLAS
0	-70	0.0	0	0
25.91	-71	10.7	0	0
41.15	-71	9.9	0	0
56.39	-71	8.2	0	0
71.63	-71	11.0	0	0
86.87	-71	8.2	0	0
102.11	-71	7.3	0	0
117.35	-72	9.5	0	0
132.59	-71	11.8	0	0
147.83	-71	12.5	0	0





# Diamond Drill Geology Record

HOLE NUMBER: **SND05432**

DATE: 9/19/1905

LOGGED BY JM DM

FROM (m)	TO (m)	MAIN ROCK	MINOR ROCK	STRUCT	ANGLE	ALT1	ALT1%	ALT2	ALT2%	ALT3	ALT3%	PV%	SULF1	SULF1%	SULF2	SULF2%	SULF3	SULF3%	GANGUE	GANGUE%	COMMENTS	
29.44	29.53		F5QM		0		0		0		0	0		0		0		0		0		
29.47	29.48		Y1QV	V	80		0		0		0	0		0		0		0		0		
29.48	29.50		Y2GG	FT	80		0		0		0	0		0		0		0		0		
29.50	29.51		Y2QV	V	80		0		0		0	0		0		0		0		0		
29.53	29.57		A3Q		0	K	4		0		0	0		0		0		0		0		
29.57	40.29	P3QM			0		0		0		0	0		0		0		0		0		
29.77	29.82		A5Q		0		0		0		0	0		0		0		0		0		
30.70	30.74		GG	FT	70		0		0		0	0		0		0		0		0		
32.61	32.73		P5QM		0		0		0		0	0		0		0		0		0		
32.67	32.68		Y1GG	FT	80		0		0		0	0		0		0		0		0		
34.08	34.12		K4Q		0		0		0		0	0		0		0		0		0		
34.31	34.33		GG	FT	45		0		0		0	0		0		0		0		0		
38.99	39.38		GG	FT	55		0		0		0	0		0		0		0		0		
39.50	39.53		Y1GG	FT	0		0		0		0	0		0		0		0		0		
39.65	39.65		Y3ST	ST	85		0		0		0	0		0		0		0		0		
40.26	40.29		K4Q		0		0		0		0	0		0		0		0		0		
40.28	40.28		Y2ST	ST	60		0		0		0	0		0		0		0		0		
40.29	49.22	P1QM			0		0		0		0	0		0		0		0		0		
43.61	43.68		K4Q		0		0		0		0	0		0		0		0		0		
43.64	43.64		Y3ST	ST	75		0		0		0	0		0		0		0		0		
43.80	44.01		K4Q		0	C	3		0		0	0		0		0		0		0		
44.48	44.50		K4Q		0		0		0		0	0		0		0		0		0		
45.86	45.90		K4Q		0		0		0		0	0		0		0		0		0		
46.19	46.21		K4Q		0		0		0		0	0		0		0		0		0		
47.51	47.56		K3Q		0	C	5		0		0	0		0		0		0		0		
47.94	48.16		K3Q		0	C	5		0		0	0		0		0		0		0		
48.07	48.07		ST	ST	30		0		0		0	0		0		0		0		0		
48.35	48.38		K4Q		0		0		0		0	0		0		0		0		0		
48.36	48.36		Y4ST	ST	75		0		0		0	0		0		0		0		0		
48.38	48.38		ST	ST	30		0		0		0	0		0		0		0		0		
48.53	48.94		A4Q		0	K	1		0		0	0		0		0		0		0		
48.58	48.61		S4QM		0		0		0		0	0		0		0		0		0		
48.59	48.59		Y4ST	ST	70		0		0		0	0		0		0		0		0		
48.66	48.67		Y1ST	ST	70		0		0		0	0		0		0		0		0		
48.89	48.89		ST	ST	30		0		0		0	0		0		0		0		0		
49.05	49.22		K4Q		0		0		0		0	0		0		0		0		0		
49.11	49.12		ST	ST	80		0		0		0	0		0		0		0		0		
49.22	56.00	P2QM			0		0		0		0	0		0		0		0		0		
49.90	50.02		K3Q		0	C	3	C	2		0	0		0		0		0		0		
50.55	50.69		K3Q		0		0		0		0	0		0		0		0		0		
51.04	51.12		K4Q		0	SE	2		0		0	0		0		0		0		0		
51.43	51.50		K4Q		0		0		0		0	0		0		0		0		0		
52.34	52.52		K4Q		0	C	1		0		0	0		0		0		0		0		
52.65	52.93		K4Q		0	C	1		0		0	0		0		0		0		0		
53.76	53.77		K4Q		0		0		0		0	0		0		0		0		0		
53.90	53.99		K4Q		0		0		0		0	0		0		0		0		0		
53.95	53.95		Y1ST	ST	80		0		0		0	0		0		0		0		0		
55.72	55.76		K4Q		0		0		0		0	0		0		0		0		0		
56.00	60.40	QM			0		0		0		0	0		0		0		0		0		
56.99	57.03		K3Q		0		0		0		0	0		0		0		0		0		
60.40	64.17	P1QM			0		0		0		0	0		0		0		0		0		
62.46	62.56		K3Q		0	C	5		0		0	0		0		0		0		0		
62.78	63.25		K4Q		0	C	1	C	1		0	0		0		0		0		0		
63.25	63.87		A4Q		0	K	3	C	1		0	0		0		0		0		0		

# Diamond Drill Geology Record

HOLE NUMBER: **SND05432**

DATE: 9/19/1905

LOGGED BY JM DM

FROM (m)	TO (m)	MAIN ROCK	MINOR ROCK	STRUCT	ANGLE	ALT1	ALT1%	ALT2	ALT2%	ALT3	ALT3%	PY%	SULF1	SULF1%	SULF2	SULF2%	SULF3	SULF3%	GANGUE	GANGUE%	COMMENTS	
63.78	63.80		QV	V	40		0		0		0	0		0		0		0		0		
63.83	63.84		QV	V	40		0		0		0	0		0		0		0		0		
63.87	64.06		X4Q		0	C	2		0		0	0		0		0		0		0		
64.04	64.04		Y2ST	ST	55		0		0		0	0		0		0		0		0		
64.04	64.05		Y2GG	FT	55		0		0		0	0		0		0		0		0		
64.06	64.17		K3Q		0	C	4		0		0	0		0		0		0		0		
64.17	88.82	<b>P2QM</b>			0		0		0		0	0		0		0		0		0		
70.83	70.86		A4Q		0	K	5		0		0	0		0		0		0		0		
76.11	76.15		K4Q		0		0		0		0	0		0		0		0		0		
76.22	76.30		K4Q		0		0		0		0	0		0		0		0		0		
76.27	76.27		Y1GG	FT	50		0		0		0	0		0		0		0		0		
84.67	84.70		A4Q		0	K	2		0		0	0		0		0		0		0		
85.64	85.68		K3Q		0		0		0		0	0		0		0		0		0		
85.66	85.66		Y2ST	ST	85		0		0		0	0		0		0		0		0		
87.47	87.56		A4Q		0	C	2		0		0	0		0		0		0		0		
88.64	88.82		K3Q		0	C	5		0		0	0		0		0		0		0		
88.82	101.15	<b>P1QM</b>			0		0		0		0	0		0		0		0		0		
89.35	89.62		K3Q		0	C	5		0		0	0		0		0		0		0		
90.84	91.29		K3Q		0	C	5		0		0	0		0		0		0		0		
90.90	90.90		ST	ST	80		0		0		0	0		0		0		0		0		
93.94	95.19		K4Q		0	C	3	C	2		0	0		0		0		0		0		
94.36	94.37		GG	FT	60		0		0		0	0		0		0		0		0		
101.15	115.68	<b>QM</b>			0		0		0		0	0		0		0		0		0		
115.07	115.32		K4Q		0	C	3		0		0	0		0		0		0		0		
115.43	115.68		K3Q		0		0		0		0	0		0		0		0		0		
115.68	124.89	<b>P1QM</b>			0		0		0		0	0		0		0		0		0		
120.43	120.63		AP	D	50		0		0		0	0		0		0		0		0		
121.33	121.42		K4Q		0		0		0		0	0		0		0		0		0		
121.90	122.01		K3Q		0		0		0		0	0		0		0		0		0		
122.34	124.89	<b>K4QM</b>			0	C	3		0		0	0		0		0		0		0		
124.89	125.33	<b>AP</b>		D	45		0		0		0	0		0		0		0		0		
125.33	126.30	<b>ASQM</b>			0		0		0		0	0		0		0		0		0		
125.41	125.42		Y1GG	FT	50		0		0		0	0		0		0		0		0		
125.55	125.93		GG	FT	50		0		0		0	0		0		0		0		0		
126.30	126.32	<b>Y2GG</b>		FT	50		0		0		0	0		0		0		0		0		
126.32	126.43	<b>Y3QV</b>		V	50		0		0		0	0	CP	0.1		0		0		0		
126.43	128.02	<b>K4QM</b>			0	C	3		0		0	0		0		0		0		0		
127.75	128.02		GG	FT	70		0		0		0	0		0		0		0		0		
128.02	128.22	<b>A4QM</b>			0	K	2		0		0	0		0		0		0		0		
128.22	128.52	<b>ASQM</b>			0		0		0		0	0		0		0		0		0		
128.30	128.32		Y3HG	FT	50		0		0		0	0		0		0		0		0		
128.40	128.44		Y1ST	ST	60		0		0		0	0		0		0		0		0		
128.44	128.52		Y2GG	FT	85		0		0		0	0		0		0		0		0		
128.52	135.15	<b>K4QM</b>			0	C	3		0		0	0		0		0		0		0		
129.78	129.80		GG	FT	70		0		0		0	0		0		0		0		0		
130.21	130.22		Y4GG	FT	50		0		0		0	0		0		0		0		0		
132.02	132.04		GG	FT	70		0		0		0	0		0		0		0		0		
133.62	133.69		GG	FT	60		0		0		0	0		0		0		0		0		
135.15	136.50	<b>P2QM</b>			0		0		0		0	0		0		0		0		0		
136.50	138.01	<b>K3QM</b>			0	C	2		0		0	0		0		0		0		0		
138.01	139.15	<b>P2QM</b>			0		0		0		0	0		0		0		0		0		
138.85	139.07		K4Q		0	C	3		0		0	0		0		0		0		0		
139.07	139.15		F4QM		0	K	2		0		0	0		0		0		0		0		
139.12	139.13		Y5QV	V	70		0		0		0	0		0		0		0		0		



# Almaden Minerals Diamond Drill Record

**PROPERTY:** Elk **HOLE-ID:** SND05433 **DEPTH:** 224.64  
**AREA:** WD **EASTING:** 2695.32 **DATE START:** 9/21/1905  
**CLAIM:** SNML **NORTHING:** 3487.58 **DATE FINISH:** 9/22/1905  
**SECTION:** 2695E **ELEVATION:** 1646.52 **CONTRACTOR:** Leclerc Drilling Ltd 38  
**CORE SIZE:** NQ **RECOVERY:** 0.00 **RQD:** 0.00 **CORE STORED AT:** Elk Rack C Bay 30 **LOGGED BY:** JM DM

**COMMENTS** Hole 433 was drilled to test the WD zone. A 14cm healed gouge containing Qz clasts was intersected at the projected location.

## ASSAY AVERAGES

FROM	TO	INT	TW	ZONE	AU OZ/T	AG OZ/T	SG
29.32	29.93	0.61	0.60	A	0.015	0.000	2.59
42.14	42.76	0.62	0.60	B	0.003	0.000	2.57
45.80	54.40	8.60	8.58	C2	0.008	0.016	2.69
53.91	54.44	0.53	0.50	C2	0.009	0.000	2.64
67.38	67.90	0.52	0.50	D1	0.001	0.000	2.64
78.90	79.67	0.77	0.70	D2	0.000	0.000	2.58
184.64	185.19	0.55	0.50	WD	0.033	0.094	2.65

# Sample Results

HOLE-ID SND05433

FROM (m)	TO (m)	Sample Number	Int (m)	GEOL	Analysis		Fire Assay		Metallics Assay		Reduced Results	
					AU ppb	AG gm/l	AU oz/t	AG oz/t	AU oz/t	AG oz/t	AU oz/t	AG oz/t
11.28	11.58	433-1	0.30	Y2ST	0.0	0.0	0.013	0.117	0.000	0.000	0.013	0.117
15.61	15.91	433-2	0.30	Y5QV	0.0	0.0	0.000	0.000	0.009	0.058	0.009	0.058
16.21	17.21	433-3	1.00	Y1QV	0.0	0.0	0.010	0.029	0.000	0.000	0.010	0.000
17.39	18.09	433-4	0.70	Y4ST	0.0	0.0	0.009	0.029	0.000	0.000	0.009	0.000
28.16	28.46	433-5	0.30	QV	0.0	0.0	0.006	0.029	0.000	0.000	0.006	0.000
29.33	29.93	433-6	0.60	QV	0.0	0.0	0.015	0.029	0.000	0.000	0.015	0.000
30.18	30.58	433-7	0.40	Y5ST	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
38.48	38.78	433-8	0.30	F4QM	0.0	0.0	0.003	0.029	0.000	0.000	0.003	0.000
39.57	39.87	433-9	0.30	Y5HG	0.0	0.0	0.040	0.087	0.000	0.000	0.040	0.087
41.39	41.99	433-10	0.60	Y3ST	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
42.16	42.76	433-11	0.60	Y1QV	0.0	0.0	0.003	0.029	0.000	0.000	0.003	0.000
45.80	46.20	433-13	0.40	DUPL	0.0	0.0	0.142	0.321	0.000	0.000	0.142	0.321
54.14	54.44	433-16	0.30	Y1QV	0.0	0.0	0.016	0.029	0.000	0.000	0.016	0.000
57.79	58.39	433-17	0.60	Y5ST	0.0	0.0	0.004	0.029	0.000	0.000	0.004	0.000
60.61	60.91	433-18	0.30	Y3QV	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
67.60	67.90	433-19	0.30	Y4ST	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
73.62	73.92	433-20	0.30	Y2ST	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.000
75.66	76.06	433-21	0.40	Y4ST	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
78.18	78.58	433-22	0.40	Y3QV	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.000
78.97	79.67	433-23	0.70	Y3QV	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.000
113.85	114.15	433-24	0.30	Y1QV	0.0	0.0	0.031	0.087	0.000	0.000	0.031	0.087
119.65	119.95	433-26	0.30	QV	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.000
123.86	124.16	433-25	0.30	Y3QV	0.0	0.0	0.005	0.029	0.000	0.000	0.005	0.000
183.89	184.89	433-27	1.00	AP	0.0	0.0	0.008	0.029	0.000	0.000	0.008	0.000
184.89	185.19	433-28	0.30	Y3HG	0.0	0.0	0.000	0.000	0.054	0.175	0.054	0.175
185.19	186.19	433-29	1.00	K4Q	0.0	0.0	0.003	0.029	0.000	0.000	0.003	0.000
187.40	187.80	433-30	0.40	Y5ST	0.0	0.0	0.007	0.029	0.000	0.000	0.007	0.000
189.98	190.68	433-31	0.70	Y2ST	0.0	0.0	0.002	0.029	0.000	0.000	0.002	0.000
198.18	198.68	433-33	0.50	Y4ST	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
199.90	200.40	433-36	0.50	Y3ST	0.0	0.0	0.000	0.000	0.000	0.000	0.000	0.000
203.65	203.95	433-37	0.30	Y3ST	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
209.21	209.81	433-38	0.60	Y3QV	0.0	0.0	0.009	0.087	0.000	0.000	0.009	0.087
213.01	213.31	433-39	0.30	Y2ST	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
219.18	219.48	433-40	0.30	Y3QV	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
221.76	222.06	433-41	0.30	Y2QV	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.000

# Down Hole Survey Data

Hole Number *SND05433*

Core Size

Hole Depth

**DISTANCE    DIP    AZIMUTH    MAGDIP    TESLAS**

DISTANCE	DIP	AZIMUTH	MAGDIP	TESLAS
0	-69	0.0	0	0
7.01	-70	0.1	0	0
22.25	-69	2.8	0	0
37.49	-70	3.5	0	0
52.73	-69	4.2	0	0
67.97	-69	1.8	0	0
83.21	-69	0.4	0	0
98.45	-69	5.3	0	0
113.69	-69	5.8	0	0
128.93	-70	5.8	0	0
144.17	-71	3.7	0	0
159.41	-70	1.4	0	0
174.65	-69	4.6	0	0
189.89	-70	4.0	0	0
205.13	-71	3.5	0	0
220.37	-70	3.9	0	0













# Diamond Drill Geology Record

HOLE NUMBER: **SND05433**

DATE: 9/21/1905

LOGGED BY JM DM

FROM (m)	TO (m)	MAIN ROCK	MINOR ROCK	STRUCT	ANGLE	ALT1	ALT1%	ALT2	ALT2%	ALT3	ALT3%	PY%	SULF1	SULF1%	SULF2	SULF2%	SULF3	SULF3%	GANGLUE	GANGLUE%	COMMENTS	
184.94	185.07	Y3HG		FT	60	SI	50	C	2		0	0	0	0.01		0	0	0	0	A	0.5	35% QV CLASTS
185.07	185.22	X5QM		FT	0	C	2		0		0	0	0	0	0	0	0	0	0		0	
185.22	194.38	K3QM		FT	0	C	5		0		0	0	0	0	0	0	0	0	0		0	
187.45	187.45		Y4ST	ST	80		0		0		0	0	0	0	0	0	0	0	0		0	
187.59	187.59		Y5ST	ST	90		0		0		0	0	0	0	0	0	0	0	0		0	
187.75	187.75		Y3ST	ST	70		0		0		0	0	0	0	0	0	0	0	0		0	
187.94	187.96		X5Q		0		0		0		0	0	0	0	0	0	0	0	0		0	
188.30	188.34		Y1ST	ST	80		0		0		0	0	0	0	0	0	0	0	0		0	
189.72	189.72		Y1ST	ST	60		0		0		0	0	0	0	0	0	0	0	0		0	
190.02	190.02		Y2ST	ST	75		0		0		0	0	0	0	0	0	0	0	0		0	
190.60	190.65		ST	ST	45		0		0		0	0	0	0	0	0	0	0	0		0	
193.75	193.75		GG	FT	65		0		0		0	0	0	0	0	0	0	0	0		0	
194.27	194.38		AP	D	70		0		0		0	0	0	0	0	0	0	0	0		0	
194.38	198.66	K3QM			0	C	2	C	1		0	0	0	0	0	0	0	0	0		0	
195.73	195.76		GG	FT	80		0		0		0	0	0	0	0	0	0	0	0		0	
198.24	198.24		Y2ST	ST	80		0		0		0	0	0	0	0	0	0	0	0		0	
198.51	198.51		Y3ST	ST	75		0		0		0	0	0	0	0	0	0	0	0		0	
198.57	198.57		Y4ST	ST	80		0		0		0	0	0	0	0	0	0	0	0		0	
198.63	198.63		Y4ST	ST	85		0		0		0	0	0	0	0	0	0	0	0		0	
198.66	200.57	P1QM			0	K	2		0		0	0	0	0	0	0	0	0	0		0	
198.95	198.99		K4Q		0		0		0		0	0	0	0	0	0	0	0	0		0	
199.91	199.92		Y1ST	ST	80		0		0		0	0	0	0	0	0	0	0	0		0	
200.33	200.41		K3Q		0	C	3		0		0	0	0	0	0	0	0	0	0		0	
200.37	200.37		Y3ST	ST	85		0		0		0	0	0	0	0	0	0	0	0		0	
200.57	205.69	K3QM			0	C	3	C	2		0	0	0	0	0	0	0	0	0		0	
203.67	203.67		Y1ST	ST	65		0		0		0	0	0	0	0	0	0	0	0		0	
203.91	203.95		S3QM		0		0		0		0	0	0	0	0	0	0	0	0		0	
203.93	203.94		Y3ST	ST	70		0		0		0	0	0	0	0	0	0	0	0		0	
205.32	205.32		ST	ST	80		0		0		0	0	0	0	0	0	0	0	0		0	
205.69	209.04	K2QM			0	C	3		0		0	0	0	0	0	0	0	0	0		0	
207.17	207.17		ST	ST	55		0		0		0	0	0	0	0	0	0	0	0		0	
209.04	209.87	K4QM			0	C	1	C	1		0	0	0	0	0	0	0	0	0		0	
209.23	209.28		S3QM		0	K	2		0		0	0	0	0	0	0	0	0	0		0	
209.25	209.26		Y1ST	ST	75		0		0		0	0	0	0	0	0	0	0	0		0	
209.71	209.78		S4QM		0	K	1		0		0	0	0	0	0	0	0	0	0		0	
209.74	209.76		Y3QV	V	80		0		0		0	0	0	0	0	0	0	0	0		0	
209.87	215.87	K2QM			0	C	4		0		0	0	0	0	0	0	0	0	0		0	
210.51	211.11		K3Q		0	C	3		0		0	0	0	0	0	0	0	0	0		0	
213.24	213.24		Y2ST	ST	90		0		0		0	0	0	0	0	0	0	0	0		0	
215.87	220.60	K3QM			0	C	2		0		0	0	0	0	0	0	0	0	0		0	
216.37	216.37		Y3ST	ST	75		0		0		0	0	0	0	0	0	0	0	0		0	
217.45	217.61		X3Q		0	C	4		0		0	0	0	0	0	0	0	0	0		0	
219.30	219.35		S3QM		0		0		0		0	0	0	0	0	0	0	0	0		0	
219.32	219.33		Y3QV	V	85		0		0		0	0	0	0	0	0	0	0	0		0	
220.60	222.50	P1QM			0	C	2		0		0	0	0	0	0	0	0	0	0		0	
220.90	220.99		K4Q		0		0		0		0	0	0	0	0	0	0	0	0		0	
220.95	220.95		Y4ST	ST	80		0		0		0	0	0	0	0	0	0	0	0		0	
221.56	221.65		K3Q		0		0		0		0	0	0	0	0	0	0	0	0		0	
221.78	222.26		K3Q		0	C	2		0		0	0	0	0	0	0	0	0	0		0	
221.87	221.95		F3QM		0		0		0		0	0	0	0	0	0	0	0	0		0	
221.90	221.91		Y2QV	V	80		0		0		0	0	0	0	0	0	0	0	0		0	
221.98	222.01		F3QM		0		0		0		0	0	0	0	0	0	0	0	0		0	
221.99	222.00		Y3ST	ST	85		0		0		0	0	0	0	0	0	0	0	0		0	
222.50	224.64	K3QM			0	C	4		0		0	0	0	0	0	0	0	0	0		0	

# Diamond Drill Geology Record

HOLE NUMBER: **SND05433**

DATE: 9/21/1905

LOGGED BY JM DM

FROM (m)	TO (m)	MAIN ROCK	MINOR ROCK	STRUCT	ANGLE	ALT1	ALT1%	ALT2	ALT2%	ALT3	ALT3%	PY%	SULF1	SULF1%	SULF2	SULF2%	SULF3	SULF3%	GANGUE	GANGUE%	COMMENTS
223.11	223.11		Y3ST	ST	80		0		0		0	0		0		0		0		0	

# Almaden Minerals Diamond Drill Record

**PROPERTY:** Elk **HOLE-ID:** SND05434 **DEPTH:** 262.13  
**AREA:** WD **EASTING:** 2694.52 **DATE START:** 9/22/1905  
**CLAIM:** SNML **NORTHING:** 3439.34 **DATE FINISH:** 9/25/1905  
**SECTION:** 2695E **ELEVATION:** 1649.90 **CONTRACTOR:** Leclerc Drilling Ltd 38  
**CORE SIZE:** NQ **RECOVERY:** 0.00 **RQD:** 0.00 **CORE STORED AT:** Elk Rack C Bay 30 **LOGGED BY:** JM DM

**COMMENTS** Hole 434 was drilled to test the WD zone. A 16cm Y2QV was intersected at the projected location.

## ASSAY AVERAGES

FROM	TO	INT	TW	ZONE	AU OZ/T	AG OZ/T	SG
54.31	55.12	0.81	0.80	B	0.109	0.316	2.60
97.06	97.66	0.60	0.60	D2	0.101	0.292	2.60
233.48	234.05	0.57	0.50	WD	0.420	0.897	2.70

# Sample Results

HOLE-ID SND05434

FROM (m)	TO (m)	Sample Number	Int (m)	GEOL	Analysis		Fire Assay		Metallics Assay		Reduced Results	
					AU ppb	AG gm/t	AU oz/t	AG oz/t	AU oz/t	AG oz/t	AU oz/t	AG oz/t
34.85	35.45	434-1	0.60	Y5ST	0.0	0.0	0.181	0.175	0.000	0.000	0.181	0.175
41.66	42.46	434-2	0.80	Y4ST	0.0	0.0	0.015	0.058	0.000	0.000	0.015	0.058
44.96	45.26	434-3	0.30	OV	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
45.93	46.23	434-4	0.30	Y3QV	0.0	0.0	0.010	0.029	0.000	0.000	0.010	0.000
50.98	51.88	434-5	0.90	Y3QV	0.0	0.0	0.014	0.146	0.000	0.000	0.014	0.146
51.88	52.68	434-6	0.80	Y1QV	0.0	0.0	0.004	0.058	0.000	0.000	0.004	0.058
54.32	55.12	434-7	0.80	Y2QV	0.0	0.0	0.111	0.321	0.000	0.000	0.111	0.321
58.09	58.39	434-8	0.30	Y4ST	0.0	0.0	0.002	0.029	0.000	0.000	0.002	0.000
66.50	66.80	434-9	0.30	Y2ST	0.0	0.0	0.005	0.029	0.000	0.000	0.005	0.000
67.54	67.94	434-10	0.40	Y5ST	0.0	0.0	0.078	0.117	0.000	0.000	0.078	0.117
82.35	82.85	434-12	0.50	DUPL	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.000
84.30	84.70	434-15	0.40	Y1QV	0.0	0.0	0.031	0.117	0.000	0.000	0.031	0.117
86.70	87.50	434-16	0.80	Y4ST	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
88.84	89.14	434-17	0.30	Y5ST	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.000
97.06	97.66	434-18	0.60	Y3QV	0.0	0.0	0.101	0.292	0.000	0.000	0.101	0.292
98.38	98.68	434-19	0.30	Y2ST	0.0	0.0	0.002	0.029	0.000	0.000	0.002	0.000
99.92	100.32	434-20	0.40	Y3ST	0.0	0.0	0.002	0.029	0.000	0.000	0.002	0.000
101.32	101.72	434-21	0.40	Y1ST	0.0	0.0	0.002	0.029	0.000	0.000	0.002	0.000
102.17	102.77	434-22	0.60	Y5QV	0.0	0.0	0.007	0.117	0.000	0.000	0.007	0.117
103.27	103.67	434-23	0.40	Y4QV	0.0	0.0	0.003	0.087	0.000	0.000	0.003	0.087
175.40	175.70	434-24	0.30	Y1QV	0.0	0.0	0.002	0.029	0.000	0.000	0.002	0.000
179.93	180.73	434-25	0.80	Y3ST	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
195.73	196.03	434-26	0.30	Y3ST	0.0	0.0	0.005	0.029	0.000	0.000	0.005	0.000
207.45	208.15	434-27	0.70	Y4GG	0.0	0.0	0.042	0.146	0.000	0.000	0.042	0.146
208.80	209.10	434-28	0.30	Y2ST	0.0	0.0	0.002	0.058	0.000	0.000	0.002	0.058
213.19	213.49	434-29	0.30	Y1QV	0.0	0.0	0.016	0.029	0.000	0.000	0.016	0.000
216.16	216.76	434-30	0.60	Y3HG	0.0	0.0	0.003	0.029	0.000	0.000	0.003	0.000
232.48	233.48	434-32	1.00	A4Q	0.0	0.0	0.002	0.029	0.000	0.000	0.002	0.000
233.48	233.98	434-35	0.50	Y2QV	0.0	0.0	0.000	0.000	0.481	1.021	0.481	1.021
233.98	234.28	434-36	0.30	F4OM	0.0	0.0	0.009	0.058	0.000	0.000	0.009	0.058
234.28	234.58	434-37	0.30	Y4QV	0.0	0.0	0.013	0.087	0.000	0.000	0.013	0.087
234.58	234.98	434-38	0.40	K2O	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.000
237.27	237.57	434-39	0.30	Y3ST	0.0	0.0	0.034	0.058	0.000	0.000	0.034	0.058
238.83	239.73	434-40	0.90	Y1QV	0.0	0.0	0.023	0.087	0.000	0.000	0.023	0.087
243.28	243.58	434-41	0.30	Y3ST	0.0	0.0	0.000	0.000	0.000	0.000	0.000	0.000
247.33	247.63	434-42	0.30	Y2QV	0.0	0.0	0.002	0.087	0.000	0.000	0.002	0.087

# Sample Results

HOLE-ID SND05434

FROM (m)	TO (m)	Sample Number	Int (m)	GEOL	Analysis		Fire Assay		Metallics Assay		Reduced Results	
					AU ppb	AG gm/l	AU oz/t	AG oz/t	AU oz/t	AG oz/t	AU oz/t	AG oz/t
258.65	258.95	434-43	0.30	OV	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
260.62	260.92	434-44	0.30	YIOV	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.000



# Down Hole Survey Data

Hole Number *SND05434*

Core Size

Hole Depth

**DISTANCE    DIP    AZIMUTH    MAGDIP    TESLAS**

DISTANCE	DIP	AZIMUTH	MAGDIP	TESLAS
0	-69	0.0	0	0
12.5	-69	359.2	0	0
27.74	-69	0.6	0	0
42.98	-69	0.2	0	0
58.22	-69	1.1	0	0
73.46	-69	0.9	0	0
88.7	-69	4.0	0	0
103.94	-69	4.5	0	0
119.18	-69	3.6	0	0
134.42	-69	2.7	0	0
149.66	-69	3.3	0	0
164.9	-69	3.9	0	0
180.14	-68	4.9	0	0
195.38	-68	4.0	0	0
210.62	-68	7.1	0	0
225.86	-68	5.6	0	0
241.1	-68	6.9	0	0
256.34	-68	7.5	0	0







# Diamond Drill Geology Record

HOLE NUMBER: SND05434

DATE: 9/22/1905

LOGGED BY JM DM

FROM (m)	TO (m)	MAIN ROCK	MINOR ROCK	STRUCT	ANGLE	ALT1	ALT1%	ALT2	ALT2%	ALT3	ALT3%	PY%	SULF1	SULF1%	SULF2	SULF2%	SULF3	SULF3%	GANGUE	GANGUE%	COMMENTS	
102.44	102.45		Y2ST	ST	75		0		0		0	0		0		0		0	A	4		
102.71	102.72		Y5QV	V	70		0		0		0	0		0		0		0			0	
102.92	106.98	P2QM					0		0		0	0		0		0		0			0	
103.23	103.39		K3Q			C	4		0		0	0		0		0		0			0	
103.30	103.36		S3QM				0		0		0	0		0		0		0			0	
103.34	103.34		Y2ST	ST	75		0		0		0	0		0		0		0			0	
103.46	103.63		K3Q			C	2		0		0	0		0		0		0			0	
103.53	103.54		Y4QV	V	80		0		0		0	0	CP	0.1		0		0			0	
104.66	104.72		K3Q			SE	2		0		0	0		0		0		0			0	
104.68	104.68		Y1ST	ST	85		0		0		0	0		0		0		0			0	
106.98	125.27	P1QM					0		0		0	0		0		0		0			0	
108.72	108.79		K3Q				0		0		0	0		0		0		0			0	
119.06	119.22		A3Q			K	3		0		0	0		0		0		0			0	
121.46	121.70		K3Q			C	3	C	2		0	0		0		0		0			0	
125.27	135.30	QM					0		0		0	0		0		0		0			0	
132.97	133.00		GG	FT	60		0		0		0	0		0		0		0			0	
135.30	149.12	P1QM					0		0		0	0		0		0		0			0	
138.77	138.79		K2Q			C	3		0		0	0		0		0		0			0	
139.52	139.60		K4Q			C	3		0		0	0		0		0		0			0	
142.10	142.15		K3Q			C	2		0		0	0		0		0		0			0	
142.24	142.30		K3Q				0		0		0	0		0		0		0			0	
142.26	142.26		GG	FT	0		0		0		0	0		0		0		0			0	
144.92	144.93		K4Q				0		0		0	0		0		0		0			0	
146.40	146.48		A3Q			K	2		0		0	0		0		0		0			0	
147.53	147.56		A3Q			K	2		0		0	0		0		0		0			0	
148.15	148.23		K3Q			C	2		0		0	0		0		0		0			0	
148.38	148.53		A3Q			C	4	K	3		0	0		0		0		0			0	
148.44	148.45		Y2ST	ST	70		0		0		0	0		0		0		0			0	
148.68	148.74		K3Q			C	4		0		0	0		0		0		0			0	
148.71	148.71		ST	ST	80		0		0		0	0		0		0		0			0	
148.95	149.12		A3Q			C	3	K	1		0	0		0		0		0			0	
149.12	164.08	P2QM					0		0		0	0		0		0		0			0	
152.96	153.00		K4Q				0		0		0	0		0		0		0			0	
154.02	154.55		K3Q			C	5	C	4		0	0		0		0		0			0	
154.32	154.32		GG	FT	85		0		0		0	0		0		0		0			0	
154.91	155.35		K2Q			C	4		0		0	0		0		0		0			0	
157.73	157.80		K3Q			C	3		0		0	0		0		0		0			0	
158.24	158.28		K3Q			C	3		0		0	0		0		0		0			0	
161.03	161.10		K2Q			SI	2		0		0	0		0		0		0			0	
161.07	161.07		Y3ST	ST	75		0		0		0	0		0		0		0			0	
164.08	165.12	K4QM				C	1	C	1		0	0		0		0		0			0	
164.81	164.81		Y1GG	FT	75		0		0		0	0		0		0		0			0	
165.12	170.29	P2QM					0		0		0	0		0		0		0			0	
169.84	169.89		A4Q				0		0		0	0		0		0		0			0	
169.86	169.86		Y1ST	ST	70		0		0		0	0		0		0		0			0	
170.01	170.29		K3Q			C	2	C	1		0	0		0		0		0			0	
170.29	170.29		ST	ST	60		0		0		0	0		0		0		0			0	
170.29	172.18	AP				D	60		0		0	0		0		0		0			0	
172.18	178.07	P2QM					0		0		0	0		0		0		0			0	
174.74	174.75		GG	FT	30		0		0		0	0		0		0		0			0	
175.42	175.60		A4Q			K	1		0		0	0		0		0		0			0	
175.44	175.53		F3QM			K	1		0		0	0		0		0		0			0	
175.49	175.51		Y1QV	V	70		0		0		0	0		0		0		0			0	
175.76	176.41		K3Q			C	2	C	1		0	0		0		0		0			0	





# Diamond Drill Geology Record

HOLE NUMBER: **SND05434**

DATE: 9/22/1905

LOGGED BY JM DM

FROM (m)	TO (m)	MAIN ROCK	MINOR ROCK	STRUCT	ANGLE	ALT1	ALT1%	ALT2	ALT2%	ALT3	ALT3%	PY%	SULF1	SULF1%	SULF2	SULF2%	SULF3	SULF3%	GANGUE	GANGUE%	COMMENTS	
243.36	243.37		Y3ST	ST	75		0		0		0	0		0		0		0		0		
243.48	243.54		F3QM		0	K	5		0		0	0		0		0		0		0		
244.73	244.74		Y2ST	ST	85		0		0		0	0		0		0		0		0		
247.47	247.48		Y2QV	V	80		0		0		0	0		0		0		0		0		
248.22	248.22		Y2ST	ST	75		0		0		0	0		0		0		0		0		
248.95	249.12		K3Q		0	C	5		0		0	0		0		0		0		0		
249.12	254.65	K2QM			0	C	10	C	1		0	0		0		0		0		0		
249.67	249.68		GG	FT	55		0		0		0	0		0		0		0		0		
253.94	253.99		S4QM		0	K	1		0		0	0		0		0		0		0		
254.65	258.60	K1QM			0	C	10		0		0	0		0		0		0		0		
258.60	262.13	K3QM			0	C	10		0		0	0		0		0		0		0		
258.73	258.79		F3QM		0	K	1		0		0	0		0		0		0		0		
258.75	258.77		QV	V	85		0		0		0	0		0		0		0	A	1		
260.73	260.78		S3QM		0	K	7		0		0	0		0		0		0		0		
260.75	260.76		Y1QV	V	90		0		0		0	0		0		0		0		0		



# Almaden Minerals Diamond Drill Record

PROPERTY:	Elk	HOLE-ID:	SND05435	DEPTH:	320.65	
AREA:	WD	EASTING:	2643.71	DATE START:	9/25/2005	
CLAIM:	SNML	NORTHING:	3374.78	DATE FINISH:	9/28/2005	
SECTION:	2695E	ELEVATION:	1650.91	CONTRACTOR:	Leclerc Drilling Ltd 38	
CORE SIZE:	NQ	RECOVERY:	0.00	RQD:	0.00	
		CORE STORED AT:	Elk Rack C Bay 30		LOGGED BY:	DM JM

**COMMENTS** Hole 435 was drilled to confirm continuity and grade of the WD zone. A 12cm VGQV was intersected at the projected depth.

## ASSAY AVERAGES

FROM	TO	INT	TW	ZONE	AU OZ/T	AG OZ/T	SG
68.71	69.23	0.52	0.50	B	0.056	0.116	2.62
104.41	104.96	0.55	0.50	C	0.098	1.009	2.65
104.56	108.30	3.74	3.57	C	0.051	0.217	2.68
283.88	286.29	2.41	1.30	WDa	0.323	3.219	2.64
291.58	292.19	0.61	0.50	WDb	0.003	0.000	2.64

# Sample Results

HOLE-ID SND05435

FROM (m)	TO (m)	Sample Number	Int (m)	GEOL	Analysis		Fire Assay		Metallics Assay		Reduced Results	
					AU ppb	AG gm/l	AU oz/t	AG oz/t	AU oz/t	AG oz/t	AU oz/t	AG oz/t
47.68	47.98	435-1	0.30	Y1OV	0.0	0.0	0.002	0.029	0.000	0.000	0.002	0.000
65.08	65.38	435-2	0.30	Y3ST	0.0	0.0	0.004	0.029	0.000	0.000	0.004	0.000
65.93	67.03	435-3	1.10	Y1OV	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
68.93	69.23	435-4	0.30	Y1OV	0.0	0.0	0.098	0.204	0.000	0.000	0.098	0.204
78.88	79.18	435-5	0.30	Y2ST	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
92.99	93.29	435-6	0.30	Y2ST	0.0	0.0	0.004	0.058	0.000	0.000	0.004	0.058
100.61	100.91	435-8	0.30	DUPL	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.000
103.81	104.11	435-11	0.30	Y2OV	0.0	0.0	0.069	0.117	0.000	0.000	0.069	0.117
104.56	104.96	435-12	0.40	Y3OV	0.0	0.0	0.136	1.400	0.000	0.000	0.136	1.400
106.00	106.30	435-13	0.30	Y4OV	0.0	0.0	0.014	0.029	0.000	0.000	0.014	0.000
107.50	108.30	435-14	0.80	Y3OV	0.0	0.0	0.163	0.350	0.000	0.000	0.163	0.350
118.84	119.14	435-15	0.30	Y1ST	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
120.51	120.81	435-16	0.30	Y4OV	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
126.57	127.27	435-17	0.70	OV	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.000
131.15	131.85	435-18	0.70	Y1QV	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
133.87	134.57	435-19	0.70	Y5ST	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.000
135.27	135.67	435-20	0.40	Y1QV	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.000
167.66	168.46	435-21	0.80	F3QM	0.0	0.0	0.002	0.029	0.000	0.000	0.002	0.000
204.21	204.51	435-22	0.30	Y3ST	0.0	0.0	0.008	0.029	0.000	0.000	0.008	0.000
211.68	212.18	435-23	0.50	OV	0.0	0.0	0.013	0.029	0.000	0.000	0.013	0.000
226.00	226.30	435-24	0.30	Y5QV	0.0	0.0	0.062	0.087	0.000	0.000	0.062	0.087
243.82	244.32	435-25	0.50	Y1QV	0.0	0.0	0.004	0.029	0.000	0.000	0.004	0.000
274.79	275.29	435-26	0.50	Y5ST	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
275.85	276.15	435-28	0.30	Y1QV	0.0	0.0	0.002	0.029	0.000	0.000	0.002	0.000
280.83	281.63	435-31	0.80	Y3ST	0.0	0.0	0.003	0.029	0.000	0.000	0.003	0.000
282.24	283.24	435-32	1.00	Y1QV	0.0	0.0	0.003	0.029	0.000	0.000	0.003	0.000
283.33	283.63	435-33	0.30	X5Q	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
283.88	284.88	435-34	1.00	F3QM	0.0	0.0	0.003	0.029	0.000	0.000	0.003	0.000
284.88	285.58	435-35	0.70	VGO	0.0	0.0	0.000	0.000	0.454	2.012	0.454	2.012
285.58	286.28	435-36	0.70	VGO	0.0	0.0	0.000	0.000	0.187	4.550	0.187	4.550
286.28	287.28	435-37	1.00	Y3ST	0.0	0.0	0.005	0.029	0.000	0.000	0.005	0.000
287.39	287.69	435-38	0.30	Y1QV	0.0	0.0	0.004	0.029	0.000	0.000	0.004	0.000
289.76	290.06	435-39	0.30	Y3ST	0.0	0.0	0.000	0.000	0.000	0.000	0.000	0.000
291.89	292.19	435-40	0.30	Y2QV	0.0	0.0	0.008	0.029	0.000	0.000	0.008	0.000
294.24	294.64	435-41	0.40	Y3ST	0.0	0.0	0.002	0.029	0.000	0.000	0.002	0.000
316.19	317.19	435-42	1.00	Y3GG	0.0	0.0	0.005	0.029	0.000	0.000	0.005	0.000

# Down Hole Survey Data

Hole Number *SND05435*

Core Size

Hole Depth

**DISTANCE    DIP    AZIMUTH    MAGDIP    TESLAS**

DISTANCE	DIP	AZIMUTH	MAGDIP	TESLAS
0	-65	0.0	0	0
13.11	-64	1.9	0	0
28.35	-65	3.5	0	0
43.59	-65	4.9	0	0
58.83	-65	2.0	0	0
74.07	-64	5.7	0	0
89.31	-64	5.0	0	0
104.55	-64	5.8	0	0
119.79	-64	4.3	0	0
135.03	-64	4.6	0	0
150.27	-64	4.0	0	0
165.51	-64	6.3	0	0
180.75	-64	6.5	0	0
195.99	-64	7.6	0	0
211.23	-64	7.8	0	0
226.47	-65	5.9	0	0
241.71	-64	6.2	0	0
256.95	-64	7.5	0	0
272.19	-64	6.8	0	0
287.43	-64	8.1	0	0
302.67	-63	9.7	0	0
317.91	-64	9.7	0	0



# Diamond Drill Geology Record

HOLE NUMBER: SND05435

DATE: 9/25/2005

LOGGED BY DM JM

FROM (m)	TO (m)	MINOR ROCK	MINOR ROCK	STRUCT	ANGLE	ALT1	ALT1%	ALT2	ALT2%	ALT3	ALT3%	PY%	SULF1	SULF1%	SULF2	SULF2%	SULF3	SULF3%	GANGUE	GANGUE%	COMMENTS	
89.76	89.79		K4Q		0		0		0		0	0		0		0		0		0		
91.60	91.61		GG	FT	50		0		0		0	0		0		0		0		0		
92.38	92.45		K2Q		0	C	15		0		0	0		0		0		0		0		
92.39	92.39		ST	ST	80		0		0		0	0		0		0		0		0		
92.65	92.68		A4Q		0		0		0		0	0		0		0		0		0		
92.74	93.31	A3QM			0	C	15	K	5		0	0		0		0		0		0		
92.77	92.77		Y1ST	ST	75		0		0		0	0		0		0		0		0		
92.84	92.85		GG	FT	90		0		0		0	0		0		0		0		0		
92.89	92.90		GG	FT	80		0		0		0	0		0		0		0		0		
92.92	92.93		GG	FT	50		0		0		0	0		0		0		0		0		
93.20	93.21		Y2ST	ST	75		0		0		0	0		0		0		0		0		
93.31	106.96	PIQM			0		0		0		0	0		0		0		0		0		
93.77	93.80		A4Q		0		0		0		0	0		0		0		0		0		
93.87	93.91		A4Q		0		0		0		0	0		0		0		0		0		
93.96	94.02		A4Q		0		0		0		0	0		0		0		0		0		
93.97	94.00		S4QM		0		0		0		0	0		0		0		0		0		
93.99	93.99		Y1ST	ST	75		0		0		0	0		0		0		0		0		
97.19	97.24		K4Q		0		0		0		0	0		0		0		0		0		
100.59	100.64		A3Q		0	C	5		0		0	0		0		0		0		0		
100.70	100.88		A3Q		0	C	10		0		0	0		0		0		0		0		
100.73	100.73		Y1ST	ST	85		0		0		0	0		0		0		0		0		
100.79	100.79		Y3ST	ST	75		0		0		0	0		0		0		0		0		
101.72	101.76		K3Q		0		0		0		0	0		0		0		0		0		
102.50	102.54		K3Q		0	SE	10		0		0	0		0		0		0		0		
103.20	103.42		K3Q		0	C	15	C	5		0	0		0		0		0		0		
103.82	104.04		A3Q		0	K	10	SE	5		0	0		0		0		0		0		
103.91	104.00		F5QM		0		0		0		0	0		0		0		0		0		
103.95	103.96		Y2QV	V	70		0		0		0	0	CP	0.5		0		0		0		
104.27	104.38		A3Q		0	K	10	C	5		0	0		0		0		0		0		
104.52	104.69		A2Q		0	C	15	K	3		0	0		0		0		0		0		
104.69	104.69		ST	ST	70		0		0		0	0		0		0		0		0		
104.69	104.79		A3Q		0	K	10		0		0	0		0		0		0		0		
104.79	104.83		F3QM		0	C	10		0		0	0		0		0		0		0		
104.83	104.88		Y3QV	V	65		0		0		0	0		0		0		0		0		
104.88	104.92		F3QM		0	K	10		0		0	0		0		0		0		0		
104.92	104.96		A3Q		0	C	10		0		0	0		0		0		0		0		
105.05	105.14		A2Q		0	C	10		0		0	0		0		0		0		0		
106.06	106.30		A3Q		0	K	7	C	5		0	0		0		0		0		0		
106.13	106.19		S3QM		0	C	10		0		0	0		0		0		0		0		
106.16	106.17		Y4QV	V	80		0		0		0	0		0		0		0		0		
107.45	107.63		A4Q		0		0		0		0	0		0		0		0		0		
107.63	107.96		F5QM		0		0		0		0	0		0		0		0		0		
107.69	107.75		Y3QV	V	80		0		0		0	0	CP	0.1		0		0		0		
107.76	107.77		Y2QV	V	80		0		0		0	0		0		0		0		0		
107.81	107.88		Y2QV	V	75		0		0		0	0	CP	0.1		0		0		0		
107.93	107.95		Y1QV	V	85		0		0		0	0		0		0		0		0		
107.96	108.11	Y1QV		V	70		0		0		0	0	G	0.01		0		0		0		
108.11	112.06	PIQM			0		0		0		0	0		0		0		0		0		
108.20	108.28		A4Q		0		0		0		0	0		0		0		0		0		
110.33	110.36		K3Q		0		0		0		0	0		0		0		0		0		
112.06	114.80	QM			0		0		0		0	0		0		0		0		0		
114.80	122.48	PIQM			0		0		0		0	0		0		0		0		0		
115.02	115.04		A4Q		0		0		0		0	0		0		0		0		0		
115.51	115.58		A2Q		0	K	8		0		0	0		0		0		0		0		

# Diamond Drill Geology Record

HOLE NUMBER: SND05435

DATE: 9/25/2005

LOGGED BY DMJM

FROM (m)	TO (m)	MAIN ROCK	MINOR ROCK	STRUCT	ANGLE	ALT1	ALT1%	ALT2	ALT2%	ALT3	ALT3%	PY%	SULF1	SULF1%	SULF2	SULF2%	SULF3	SULF3%	GANQUE	GANQUE%	COMMENTS	
116.47	116.54		A2Q		0	C	10	K	5		0	0		0		0		0		0		
116.51	116.51		Y1ST	ST	75				0		0	0		0		0		0		0		
118.05	118.10		A3Q		0	K	5		0		0	0		0		0		0		0		
118.16	118.25		A3Q		0	SE	5		0		0	0		0		0		0		0		
118.83	118.93		A3Q		0	SE	10		0		0	0		0		0		0		0		
118.88	118.89		Y1ST	ST	70				0		0	0		0		0		0		0		
119.08	119.16		A4Q		0	K	3		0		0	0		0		0		0		0		
120.51	120.63		A3Q		0	K	2		0		0	0		0		0		0		0		
120.55	120.60		S3QM		0				0		0	0		0		0		0		0		
120.56	120.57		Y4QV	V	80				0		0	0		0		0		0		0		
120.75	120.81		A4Q		0				0		0	0		0		0		0		0		
120.78	120.78		Y4ST	ST	85				0		0	0		0		0		0		0		
121.09	121.16		A3Q		0	K	4	C	2		0	0		0		0		0		0		
121.30	121.40		A3Q		0	K	3	C	2		0	0		0		0		0		0		
122.04	122.32		A3Q		0	C	4		0		0	0		0		0		0		0		
122.08	122.12		F3QM		0	K	5		0		0	0		0		0		0		0		
122.48	124.13	QM			0				0		0	0		0		0		0		0		
124.13	126.22	PIQM			0				0		0	0		0		0		0		0		
125.74	125.85		A3Q		0	K	7		0		0	0		0		0		0		0		
126.22	127.40	A4QM			0	K	10		0		0	0		0		0		0		0		
126.60	126.68		S3QM		0	K	10		0		0	0		0		0		0		0		
126.63	126.64		ST	ST	65				0		0	0		0		0		0		0		
126.87	127.24		S4QM		0	K	10	C	2		0	0		0		0		0		0		
126.91	126.93		QV	V	65				0		0	0		0		0		0		0		
127.09	127.10		ST	ST	65				0		0	0		0		0		0		0		
127.40	144.78	PIQM			0				0		0	0		0		0		0		0		
127.74	127.78		A3Q		0	K	7		0		0	0		0		0		0		0		
127.82	127.86		A3Q		0	SE	5		0		0	0		0		0		0		0		
127.89	127.91		A3Q		0	K	2		0		0	0		0		0		0		0		
128.19	128.23		A4Q		0				0		0	0		0		0		0		0		
128.55	128.77		A3Q		0	C	7		0		0	0		0		0		0		0		
128.61	128.61		Y3ST	ST	85				0		0	0		0		0		0		0		
129.83	129.88		A4Q		0				0		0	0		0		0		0		0		
130.15	130.28		A3Q		0	K	5		0		0	0		0		0		0		0		
130.18	130.27		S4QM		0	K	1		0		0	0		0		0		0		0		
130.21	130.22		Y1QV	V	80				0		0	0		0		0		0		0		
130.52	130.59		A4Q		0	K	5		0		0	0		0		0		0		0		
130.55	130.55		Y2ST	ST	80				0		0	0		0		0		0		0		
130.74	130.87		A4Q		0				0		0	0		0		0		0		0		
130.76	130.82		S3QM		0	C	10		0		0	0		0		0		0		0		
130.79	130.79		Y3ST	ST	85				0		0	0		0		0		0		0		
133.16	133.21		A3Q		0	C	5		0		0	0		0		0		0		0		
133.32	133.38		A3Q		0	C	2		0		0	0		0		0		0		0		
133.91	134.02		A4Q		0	K	1		0		0	0		0		0		0		0		
133.94	133.99		S3QM		0	K	10		0		0	0		0		0		0		0		
133.96	133.97		Y1ST	ST	75				0		0	0		0		0		0		0	A	5
134.39	134.58		A4Q		0	K	1		0		0	0		0		0		0		0		
134.43	134.43		Y5ST	ST	60				0		0	0		0		0		0		0		
134.49	134.54		S4QM		0	K	1		0		0	0		0		0		0		0		
134.51	134.51		Y3ST	ST	75				0		0	0		0		0		0		0		
134.83	134.85		K3Q		0				0		0	0		0		0		0		0		
135.26	135.34		A4Q		0				0		0	0		0		0		0		0		
135.28	135.32		S3QM		0	C	10		0		0	0		0		0		0		0		
135.29	135.30		Y1QV	V	70				0		0	0		0		0		0		0		











# Diamond Drill Geology Record

HOLE NUMBER: SND05435

DATE: 9/25/2005

LOGGED BY DMJM

FROM (m)	TO (m)	MAIN ROCK	MINOR ROCK	STRUCT	ANGLE	ALT1	ALT1%	ALT2	ALT2%	ALT3	ALT3%	PV%	SULF1	SULF1%	SULF2	SULF2%	SULF3	SULF3%	GANGUE	GANGUE%	COMMENTS	
286.80	286.92		S4QM		0	K	5		0		0	0		0		0		0		0		
286.84	286.84		Y3ST	ST	60		0		0		0	0		0		0		0		0		
286.90	286.90		ST	ST	60		0		0		0	0		0		0		0		0		
287.40	287.40		Y1ST	ST	70		0		0		0	0		0		0		0		0		
287.44	287.45		Y1QV	V	70		0		0		0	0		0		0		0		0		
287.68	287.68		Y2ST	ST	75		0		0		0	0		0		0		0		0		
288.18	288.18		Y1ST	ST	65		0		0		0	0		0		0		0		0		
288.34	291.01	P1QM			0	K	5		0		0	0		0		0		0		0		
288.72	288.72		ST	ST	70		0		0		0	0		0		0		0		0		
289.77	289.81		K3Q		0	SE	5		0		0	0		0		0		0		0		
289.79	289.79		Y2ST	ST	70		0		0		0	0		0		0		0		0		
289.90	290.10		A3Q		0	K	5		0		0	0		0		0		0		0		
289.98	290.02		F4QM		0	K	5		0		0	0		0		0		0		0		
290.00	290.01		Y3ST	ST	70		0		0		0	0		0		0		0		0		
290.83	290.88		K3Q		0		0		0		0	0		0		0		0		0		
290.86	290.86		Y2ST	ST	70		0		0		0	0		0		0		0		0		
291.01	296.10	K2QM			0	C	10		0		0	0		0		0		0		0		
292.03	292.12		K3Q		0	C	5		0		0	0		0		0		0		0		
292.06	292.08		Y2QV	V	45		0		0		0	0		0		0		0		0		
292.59	292.59		ST	ST	55		0		0		0	0		0		0		0		0		
292.84	292.84		ST	ST	65		0		0		0	0		0		0		0		0		
292.97	293.12		K4Q		0		0		0		0	0		0		0		0		0		
293.12	293.13		GG	FT	70		0		0		0	0		0		0		0		0		
293.13	293.25		A2Q		0	K	10		0		0	0		0		0		0		0		
294.26	294.33		K3Q		0	SE	5		0		0	0		0		0		0		0		
294.29	294.30		Y2ST	ST	80		0		0		0	0		0		0		0		0		
294.55	294.63		K3Q		0	C	5		0		0	0		0		0		0		0		
294.59	294.59		Y3ST	ST	50		0		0		0	0		0		0		0		0		
296.10	296.67	P1QM			0	K	2		0		0	0		0		0		0		0		
296.67	298.58	K2QM			0	C	10		0		0	0		0		0		0		0		
296.71	296.74		S3QM		0		0		0		0	0		0		0		0		0		
296.81	296.83		S3QM		0		0		0		0	0		0		0		0		0		
296.98	297.01		F3QM		0	K	15		0		0	0		0		0		0		0		
296.99	296.99		Y1ST	ST	70		0		0		0	0		0		0		0		0		
298.58	309.45	P1QM			0	K	2		0		0	0		0		0		0		0		
298.88	298.92		S3QM		0	K	5		0		0	0		0		0		0		0		
299.05	299.11		K3Q		0		0		0		0	0		0		0		0		0		
299.08	299.08		ST	ST	20		0		0		0	0		0		0		0		0		
299.94	299.97		K3Q		0		0		0		0	0		0		0		0		0		
301.20	301.58		K3Q		0	C	5		0		0	0		0		0		0		0		
301.37	301.38		ST	ST	60		0		0		0	0		0		0		0		0		
301.49	301.50		ST	ST	60		0		0		0	0		0		0		0		0		
301.52	301.53		ST	ST	70		0		0		0	0		0		0		0		0		
301.79	301.86		K3Q		0		0		0		0	0		0		0		0		0		
301.81	301.81		ST	ST	60		0		0		0	0		0		0		0		0		
304.50	305.14		K2Q		0	C	5	C	5		0	0		0		0		0		0		
305.53	305.58		A2Q		0	K	5		0		0	0		0		0		0		0		
305.63	305.66		K2Q		0		0		0		0	0		0		0		0		0		
305.65	305.65		Y4ST	ST	80		0		0		0	0		0		0		0		0		
306.05	306.26		K2Q		0	C	5	C	2		0	0		0		0		0		0		
306.45	306.55		K2Q		0	C	5		0		0	0		0		0		0		0		
306.73	307.48		K2Q		0	C	5		0		0	0		0		0		0		0		
307.48	307.91		A3Q		0	K	5		0		0	0		0		0		0		0		
307.74	307.74		Y3GG	FT	80		0		0		0	0		0		0		0		0		

# Diamond Drill Geology Record

HOLE NUMBER: **SND05435**

DATE: 9/25/2005

LOGGED BY DMJM

FROM (m)	TO (m)	MAIN ROCK	MINOR ROCK	STRUCT	ANGLE	ALT1	ALT1%	ALT2	ALT2%	ALT3	ALT3%	PY%	SULF1	SULF1%	SULF2	SULF2%	SULF3	SULF3%	GANGUE	GANGUE%	COMMENTS
307.91	309.00		K3Q		0	C	5		0		0	0		0		0		0	0	0	
309.25	309.30		K4Q		0		0		0		0	0		0		0		0	0	0	
309.45	315.17	K3QM			0	C	5		0		0	0		0		0		0	0	0	8% MAFICS
310.19	310.20		Y2GG	FT	75		0		0		0	0		0		0		0	0	0	
315.17	317.11	K3QM			0	C	15		0		0	0		0		0		0	0	0	
315.58	315.58		GG	FT	75		0		0		0	0		0		0		0	0	0	
316.27	316.27		Y2GG	FT	80		0		0		0	0		0		0		0	0	0	
316.42	316.55		Y3GG	FT	70		0		0		0	0		0		0		0	0	0	
317.11	317.11		Y2GG	FT	80		0		0		0	0		0		0		0	0	0	
317.11	320.65	K2QM			0	C	5		0		0	0		0		0		0	0	0	

# Almaden Minerals Diamond Drill Record

**PROPERTY:** Elk **HOLE-ID:** SND05441 **DEPTH:** 252.07  
**AREA:** DpB **EASTING:** 1989.89 **DATE START:** 10/06/2005  
**CLAIM:** SNML **NORTHING:** 3198.08 **DATE FINISH:** 10/09/2005  
**SECTION:** 1990E **ELEVATION:** 1656.29 **CONTRACTOR:** Leclerc Drilling Ltd 38  
**CORE SIZE:** NQ **RECOVERY:** 0.00 **RQD:** 0.00 **CORE STORED AT:** Elk Rack C Bay 30 **LOGGED BY:** DM JM

**COMMENTS** Hole 441 was drilled to extend the DeepB mineralized shoot to the west. 1 and 2cm pyritic quartz veins were intersected about 14m deeper than projected.

## ASSAY AVERAGES

FROM	TO	INT	TW	ZONE	AU OZ/T	AG OZ/T	SG
186.70	187.20	0.50	0.50	B	0.163	0.393	2.79
222.43	223.07	0.64	0.60	C	0.031	0.221	3.06

# Sample Results

HOLE-ID SND05441

FROM (m)	TO (m)	Sample Number	Int (m)	GEOL	Analysis		Fire Assay		Metallics Assay		Reduced Results	
					AU ppb	AG gm/t	AU oz/t	AG oz/t	AU oz/t	AG oz/t	AU oz/t	AG oz/t
47.80	48.10	441-1	0.30	Y2OV	0.0	0.0	0.008	0.087	0.000	0.000	0.008	0.087
57.66	57.96	441-2	0.30	OV	0.0	0.0	0.003	0.029	0.000	0.000	0.003	0.000
101.15	101.45	441-3	0.30	Y1OV	0.0	0.0	0.006	0.087	0.000	0.000	0.006	0.087
132.94	133.24	441-4	0.30	Y5VN	0.0	0.0	0.007	0.233	0.000	0.000	0.007	0.233
135.61	135.91	441-5	0.30	Y1AV	0.0	0.0	0.004	0.146	0.000	0.000	0.004	0.146
184.47	184.77	441-6	0.30	Y1AV	0.0	0.0	0.002	0.029	0.000	0.000	0.002	0.000
186.90	187.20	441-8	0.30	DUPL	0.0	0.0	0.752	1.458	0.000	0.000	0.752	1.458
188.11	188.41	441-11	0.30	Y1OV	0.0	0.0	0.014	0.117	0.000	0.000	0.014	0.117
222.47	223.07	441-12	0.60	Y1GG	0.0	0.0	0.033	0.233	0.000	0.000	0.033	0.233
240.24	241.04	441-13	0.80	Y3OV	0.0	0.0	0.160	0.262	0.000	0.000	0.160	0.262
249.30	249.60	441-14	0.30	Y2AV	0.0	0.0	0.004	0.087	0.000	0.000	0.004	0.087

# Down Hole Survey Data

Hole Number *SND05441*

Core Size

Hole Depth

**DISTANCE    DIP    AZIMUTH    MAGDIP    TESLAS**

DISTANCE	DIP	AZIMUTH	MAGDIP	TESLAS
0	-71	0.0	0	0
28.35	-71	0.3	0	0
43.59	-71	1.0	0	0
58.83	-71	359.7	0	0
74.07	-71	359.6	0	0
89.31	-70	1.5	0	0
104.55	-71	0.8	0	0
119.79	-71	5.5	0	0
135.03	-71	358.1	0	0
150.27	-70	4.1	0	0
165.51	-71	2.4	0	0
180.75	-70	6.3	0	0
195.99	-70	3.3	0	0
209.4	-70	8.5	0	0
211.23	-70	7.1	0	0
217.93	-70	8.6	0	0
248.41	-71	4.6	0	0





# Diamond Drill Geology Record

HOLE NUMBER: SND05441

DATE: 10/06/2005

LOGGED BY DMJM

FROM (m)	TO (m)	MIN ROCK	MINOR ROCK	STRUCT	ANGLE	ALT1	ALT1%	ALT2	ALT2%	ALT3	ALT3%	PY%	SULF1	SULF1%	SULF2	SULF2%	SULF3	SULF3%	GANGUE	GANGUE%	COMMENTS	
80.47	80.63		GG	FT	40		0		0		0	0		0		0		0		0		
80.73	80.77		GG	FT	75		0		0		0	0		0		0		0		0		
81.51	81.83		A1GD		0	K	5		0		0	0		0		0		0		0		
82.14	83.52	A2GD			0	K	5	SE	5		0	0		0		0		0		0		
82.23	82.36		GG	FT	40		0		0		0	0		0		0		0		0		
83.16	83.35		F3GD		0		0		0		0	0		0		0		0		0		
83.24	83.28		Y1GG	FT	45		0		0		0	0		0		0		0		0		
83.52	91.17	GD			0		0		0		0	0		0		0		0		0		XENOS 3%
84.15	84.27		K2Q		0		0		0		0	0		0		0		0		0		
84.22	84.22		ST	ST	25		0		0		0	0		0		0		0		0		
85.44	85.44		CBST	ST	25		0		0		0	0		0		0		0		0		
89.39	89.83		K2GD		0	C	5		0		0	0		0		0		0		0		
91.17	93.88	P1GD			0		0		0		0	0		0		0		0		0		
91.34	91.37		A3GD		0		0		0		0	0		0		0		0		0		
93.67	93.67		CBST	ST	80		0		0		0	0		0		0		0		0		
93.85	93.88		PG	D	50		0		0		0	0		0		0		0		0		
93.88	98.19	K5GD			0	C	2		0		0	0		0		0		0		0		?LARGE PEGMATITE?
95.00	95.01		Y1ST	ST	80		0		0		0	0		0		0		0		0		
95.98	96.15		GG	FT	85		0		0		0	0		0		0		0		0		
96.20	96.65		K5GC		0		0		0		0	0		0		0		0		0		
96.75	96.75		ST	ST	55		0		0		0	0		0		0		0		0		
97.58	97.58		GG	FT	60		0		0		0	0		0		0		0		0		
98.19	118.52	GD			0		0		0		0	0		0		0		0		0		
100.01	100.04		A3GD		0	K	5		0		0	0		0		0		0		0		
100.02	100.02		ST	ST	70		0		0		0	0		0		0		0		0		
100.30	100.77		A3GD		0	K	2		0		0	0		0		0		0		0		
100.32	100.39		F3GD		0		0		0		0	0		0		0		0		0		
100.37	100.39		GG	FT	55		0		0		0	0		0		0		0		0		
101.16	101.38		K2GD		0	C	5		0		0	0		0		0		0		0		
101.22	101.28		GG	FT	65		0		0		0	0		0		0		0		0		
101.28	101.29		Y1QV	V	65		0		0		0	0		0		0		0		0		
101.29	101.33		F3GD		0		0		0		0	0		0		0		0		0		
102.97	103.20		A4GD		0		0		0		0	0		0		0		0		0		
103.67	103.72		A3GD		0	SE	5		0		0	0		0		0		0		0		
103.69	103.69		ST	ST	80		0		0		0	0		0		0		0		0		
103.85	104.01		A4GD		0		0		0		0	0		0		0		0		0		
103.87	103.89		F3GD		0		0		0		0	0		0		0		0		0		
103.93	103.99		F3GD		0		0		0		0	0		0		0		0		0		
103.97	103.98		Y1ST	ST	60		0		0		0	0		0		0		0		0		
104.36	104.36		CBST	ST	55		0		0		0	0		0		0		0		0		
104.88	104.92		A4GD		0		0		0		0	0		0		0		0		0		
105.57	105.62		F2GD		0	C	10		0		0	0		0		0		0		0		
106.96	106.99		A3GD		0		0		0		0	0		0		0		0		0		
107.82	108.00		K4GD		0		0		0		0	0		0		0		0		0		
107.85	107.96		A4GD		0	SE	2		0		0	0		0		0		0		0		
109.41	109.46		A3GD		0		0		0		0	0		0		0		0		0		
110.94	110.96		A3GD		0		0		0		0	0		0		0		0		0		
110.95	110.95		ST	ST	90		0		0		0	0		0		0		0		0		
110.98	111.02		A3GD		0		0		0		0	0		0		0		0		0		
111.00	111.00		ST	ST	90		0		0		0	0		0		0		0		0		
117.96	118.52		K1GD		0		0		0		0	0		0		0		0		0		
118.52	119.20	PG		D	30		0		0		0	0		0		0		0		0		
118.66	118.69		AP	D	30		0		0		0	0		0		0		0		0		
119.13	119.20		AP	D	40		0		0		0	0		0		0		0		0		

# Diamond Drill Geology Record

HOLE NUMBER: **SND05441**

DATE: 10/06/2005

LOGGED BY **DM JM**

FROM (m)	TO (m)	MAIN ROCK	MINOR ROCK	STRUCT	ANGLE	ALT1	ALT1%	ALT2	ALT2%	ALT3	ALT3%	PY%	SULF1	SULF1%	SULF2	SULF2%	SULF3	SULF3%	GANGUE	GANGUE%	COMMENTS	
119.20	119.93	K1GD			0		0		0		0	0		0		0		0		0		
119.93	121.30	GD			0		0		0		0	0		0		0		0		0		40% FINE GRAINED MAFICS
121.30	123.75	K3GD			0		0		0		0	0		0		0		0		0		SIMILAR APPEARANCE TO QM
123.30	123.49		AV		0		0		0		0	0		0		0		0		0		
123.75	130.32	AV		C	45		0		0		0	0		0		0		0		0		
124.31	124.75		A1AV		0	C	5		0		0	0		0		0		0		0		
127.32	127.73		A1AV		0		0		0		0	0		0		0		0		0		
128.85	129.54		A1AV		0		0		0		0	0		0		0		0		0		
130.32	135.82	A1AV			0		0		0		0	0		0		0		0		0		IRREGULAR PATCHES OF DISSEMINATED PYRITE 131.6-131.7M AND 135.7-135.8M
133.12	133.13		Y5VN	V	25		0		0		0	0	CP	10		0		0		0		VEIN LIKE STRUCTURE WITH ?AV AND ?EPIDOTE GANGUE? NO QZ/CB
135.02	135.31		PG	D	30		0		0		0	0		0		0		0		0		
135.82	136.73	PG		D	35		0		0		0	0		0		0		0		0		
136.73	138.28	A1AV			0		0		0		0	0		0		0		0		0		
137.53	137.62		PG	D	40		0		0		0	0		0		0		0		0		
138.28	138.99		PG	D	50		0		0		0	0		0		0		0		0		
138.99	142.93	A1AV			0		0		0		0	0		0		0		0		0		
142.93	144.62	AV			0		0		0		0	0		0		0		0		0		
144.62	145.68	A1AV			0	C	2		0		0	0		0		0		0		0		
145.68	146.19	AV			0		0		0		0	0		0		0		0		0		
146.19	147.33	A2AV			0		0		0		0	0		0		0		0		0		
147.33	151.20	AV			0		0		0		0	0		0		0		0		0		
148.12	148.32		A2AV		0	C	5		0		0	0		0		0		0		0		
148.25	148.25		CBST	ST	65		0		0		0	0		0		0		0		0		
149.36	149.36		CBST	ST	15		0		0		0	0		0		0		0		0		
151.20	151.36	A1AV			0		0		0		0	0		0		0		0		0		
151.23	151.23		CBST	ST	50		0		0		0	0		0		0		0		0		
151.36	157.05	AV			0		0		0		0	0		0		0		0		0		
157.05	157.94	A1AV			0		0		0		0	0		0		0		0		0		
157.07	157.08		CBST	ST	20		0		0		0	0		0		0		0		0		
157.82	157.82		CBST	ST	20		0		0		0	0		0		0		0		0		
157.94	173.94	AV			0		0		0		0	0		0		0		0		0		
158.53	158.82		A2AV		0		0		0		0	0		0		0		0		0		
158.93	158.94		CBST	ST	80		0		0		0	0		0		0		0		0		
159.25	159.70		A3AV		0	C	2		0		0	0		0		0		0		0		
160.37	160.51		A4AV		0	C	5		0		0	0		0		0		0		0		
160.83	160.86		PG	D	50		0		0		0	0		0		0		0		0		
162.98	162.98		CBST	ST	10		0		0		0	0		0		0		0		0		
163.14	163.14		CBST	ST	60		0		0		0	0		0		0		0		0		
169.30	169.61		A2AV		0		0		0		0	0		0		0		0		0		
171.71	171.76		A2AV		0		0		0		0	0		0		0		0		0		
173.94	174.82	A3AV			0	C	2		0		0	0		0		0		0		0		
174.82	176.51	AV			0		0		0		0	0		0		0		0		0		
175.06	175.06		CBST	ST	45		0		0		0	0		0		0		0		0		
175.53	175.78		A2AV		0		0		0		0	0		0		0		0		0		
176.51	177.33	A2AV			0		0		0		0	0		0		0		0		0		
176.59	176.60		ST	ST	75		0		0		0	0		0		0		0		0		
177.33	178.81	AV			0		0		0		0	0		0		0		0		0		
178.81	181.89	A2AV			0		0		0		0	0		0		0		0		0		
179.56	180.10		AP	D	80		0		0		0	0		0		0		0		0		
181.33	181.45		F3AV		0		0		0		0	0		0		0		0		0		
181.89	183.74	AV			0		0		0		0	0		0		0		0		0		
182.76	183.74		A2AV		0		0		0		0	0		0		0		0		0		
183.74	185.89	A1AV			0		0		0		0	0		0		0		0		0		
184.11	184.11		CBST	ST	50		0		0		0	0		0		0		0		0		

# Diamond Drill Geology Record

HOLE NUMBER: **SND05441**

DATE: 10/06/2005

LOGGED BY DM JM

FROM (m)	TO (m)	MAIN ROCK	MINOR ROCK	STRUCT	ANGLE	ALT1	ALT1%	ALT2	ALT2%	ALT3	ALT3%	PY%	SULF1	SULF1%	SULF2	SULF2%	SULF3	SULF3%	GANGUE	GANGUE%	COMMENTS	
184.14	184.15		PG	D	40		0		0		0									0		
184.54	184.69		Y1AV				0		0		0									0		
184.78	184.82		PG	D	30		0		0		0									0		
185.89	188.39	A2AV					0		0		0									0		
186.90	187.20		F4AV				0		0		0									0		
187.15	187.16		Y1QV	V	85		0		0		0									0		
187.20	187.32		A4AV				0		0		0									0		
188.21	188.59		F4AV				0		0		0									0		
188.28	188.29		Y1QV	V	60		0		0		0									0		
188.39	197.42	A1AV					0		0		0									0		
189.44	189.70		AP	D	25		0		0		0									0		
190.96	191.28		AP	D	70		0		0		0									0		
191.83	191.84		CBST	ST	60		0		0		0									0		
196.43	196.44		ST	ST	65		0		0		0									0		
196.56	196.60		GG	FT	80		0		0		0									0		
197.19	197.25		A3AV				0		0		0									0		
197.42	208.48	AV					0		0		0									0		
198.51	198.52		AP	D	35		0		0		0									0		
198.58	198.60		AP	D	35		0		0		0									0		
200.43	200.44		AP	D	45		0		0		0									0		
205.18	205.21		PG	D	85		0		0		0									0		
205.26	205.28		PG	D	70		0		0		0									0		
205.53	205.55		AP	D	75		0		0		0									0		
206.45	206.52		PG	D	70		0		0		0									0		
208.48	211.12	A1AV					0		0		0									0		
209.38	209.40		AP	D	80		0		0		0									0		
211.12	213.46	X2AV					0	C	5		0									0		
213.46	222.14	A1AV					0	SI	10		0									0		
222.14	223.28	A5AV					0		0		0									0		
222.33	222.61		GG	FT	70		0		0		0									0		
222.61	222.98		Y1GG	FT	70		0		0		0									0		
223.28	225.19	A3AV					0		0		0									0		
225.19	229.07	P2AV					0		0		0									0		
229.07	230.22	A1AV					0		0		0									0		
230.22	232.39	A2AV					0		0		0									0		
232.39	235.67	A1AV					0		0		0									0		
235.67	236.60	A3AV					0		0		0									0		
235.87	235.91		F3AV				0	C	5		0									0		
236.00	236.00		Y2ST	ST	60		0		0		0									0		
236.60	240.03	A1AV					0		0		0									0		
240.03	241.38	A4AV					0		0		0									0		
240.27	240.39		F4AV				0		0		0									0		
240.32	240.33		Y1QV	V	85		0		0		0									0		
240.57	240.79		F4AV				0		0		0									0		
240.67	240.69		Y3QV	V	70		0		0		0									0		
241.38	244.67	A2AV					0		0		0									0		
244.67	246.33	A3AV					0		0		0									0		
245.97	246.10		GG	FT	60		0		0		0									0		
246.33	247.98	A1AV					0		0		0									0		
247.98	248.69	A3AV					0		0		0									0		
248.69	252.07	A1AV					0		0		0									0		
248.94	249.02		A3AV				0		0		0									0		
249.22	249.22		CBST	ST	45		0		0		0									0		
249.37	249.37		CBST	ST	30		0		0		0									0		

# Diamond Drill Geology Record

HOLE NUMBER: **SND05441**

DATE: 10/06/2005

LOGGED BY DM JM

FROM (m)	TO (m)	MAIN ROCK	MINOR ROCK	STRUCT	ANGLE	ALT1	ALT1%	ALT2	ALT2%	ALT3	ALT3%	PY%	SULF1	SULF1%	SULF2	SULF2%	SULF3	SULF3%	GANGUE	GANGUE%	COMMENTS
249.47	249.70		A3AV		0		0		0		0	0		0		0		0		0	
250.42	250.52		Y2AV		0		0		0		0	0		0		0		0		0	DISSEMINATED PYRITE IN AV. NOT PHYLIC
251.66	251.66		CBST	ST	35		0		0		0	0		0		0		0		0	

# Almaden Minerals Diamond Drill Record

PROPERTY:	Elk	HOLE-ID:	SND05442	DEPTH:	179.83				
AREA:	DpB	EASTING:	1989.92	DATE START:	10/09/2005				
CLAIM:	SNML	NORTHING:	3197.93	DATE FINISH:	10/12/2005				
SECTION:	1990E	ELEVATION:	1656.22	CONTRACTOR:	Leclerc Drilling Ltd 38				
CORE SIZE:	NQ	RECOVERY:	0.00	RQD:	0.00	CORE STORED AT:	Elk Rack C Bay 30	LOGGED BY:	DM JM

**COMMENTS** Hole 442 was drilled to extend the DeepB mineralized shoot to the west. The drill rods broke and the hole was lost before intersecting the zone. The hole was abandoned.

## ASSAY AVERAGES

FROM	TO	INT	TW	ZONE	AU OZ/T	AG OZ/T	SG
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# Sample Results

HOLE-ID SND05442

FROM (m)	TO (m)	Sample Number	Int (m)	GEOL	Analysis		Fire Assay		Metallics Assay		Reduced Results	
					AU ppb	AG gm/t	AU oz/t	AG oz/t	AU oz/t	AG oz/t	AU oz/t	AG oz/t
25.06	25.36	442-1	0.30	QV	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
49.08	49.38	442-2	0.30	Y1QV	0.0	0.0	0.022	0.029	0.000	0.000	0.022	0.000

# Down Hole Survey Data

Hole Number *SND05442*

Core Size

Hole Depth

**DISTANCE    DIP    AZIMUTH    MAGDIP    TESLAS**

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0	-76	0.0	0	0
170	-76	0.0	0	0







# Diamond Drill Geology Record

HOLE NUMBER: **SND05442**

DATE: 10/09/2005

LOGGED BY DMJM

FROM (m)	TO (m)	MAIN ROCK	MINOR ROCK	STRUCT	ANGLE	ALT1	ALT1%	ALT2	ALT2%	ALT3	ALT3%	PY%	SULF1	SULF1%	SULF2	SULF2%	SULF3	SULF3%	GANGUE	GANGUE%	COMMENTS
178.18	180.14	AV		C	30		0		0		0	0		0		0		0		0	
179.41	179.50		PG	D	70		0		0		0	0		0		0		0		0	

# Almaden Minerals Diamond Drill Record

**PROPERTY:** Elk **HOLE-ID:** SND05443 **DEPTH:** 247.80  
**AREA:** WD **EASTING:** 2743.85 **DATE START:** 10/12/2005  
**CLAIM:** SNML **NORTHING:** 3448.33 **DATE FINISH:** 10/15/2005  
**SECTION:** 2745E **ELEVATION:** 1645.37 **CONTRACTOR:** Leclerc Drilling Ltd 38  
**CORE SIZE:** NQ **RECOVERY:** 0.00 **RQD:** 0.00 **CORE STORED AT:** Elk Rack C Bay 30 **LOGGED BY:** DM JM

**COMMENTS** Hole 443 was drilled to test the continuity and grade of the WD zones. 17 and 5 cm veins were intersected at the projected locations of the Wda and WDb zones.

## ASSAY AVERAGES

FROM	TO	INT	TW	ZONE	AU OZ/T	AG OZ/T	SG
32.72	33.23	0.51	0.50	-	0.076	0.190	2.66
32.93	53.56	20.63	19.22	A	0.005	0.009	2.69
36.26	36.77	0.51	0.50	A	0.057	0.118	2.67
228.03	229.79	1.76	0.50	WDa	0.069	0.213	2.54

# Sample Results

HOLE-ID SND05443

FROM (m)	TO (m)	Sample Number	Int (m)	GEOL	Analysis		Fire Assay		Metallics Assay		Reduced Results	
					AU ppb	AG gm/t	AU oz/t	AG oz/t	AU oz/t	AG oz/t	AU oz/t	AG oz/t
17.53	17.83	443-1	0.30	Y4OV	0.0	0.0	0.012	0.087	0.000	0.000	0.012	0.087
20.20	20.50	443-2	0.30	Y2ST	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
21.54	21.84	443-3	0.30	Y4ST	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.000
32.93	33.23	443-4	0.30	Y2OV	0.0	0.0	0.129	0.321	0.000	0.000	0.129	0.321
36.47	36.77	443-5	0.30	Y5OV	0.0	0.0	0.099	0.204	0.000	0.000	0.099	0.204
37.01	37.61	443-6	0.60	OV	0.0	0.0	0.038	0.029	0.000	0.000	0.038	0.000
51.70	52.00	443-7	0.30	Y3ST	0.0	0.0	0.012	0.029	0.000	0.000	0.012	0.000
53.26	53.56	443-8	0.30	Y1OV	0.0	0.0	0.048	0.087	0.000	0.000	0.048	0.087
94.55	95.35	443-9	0.80	Y5ST	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
164.04	164.34	443-10	0.30	Y1OV	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
168.45	168.75	443-12	0.30	DUPL	0.0	0.0	0.052	0.029	0.000	0.000	0.052	0.000
205.30	206.00	443-15	0.70	Y1ST	0.0	0.0	0.003	0.029	0.000	0.000	0.003	0.000
223.74	224.04	443-16	0.30	Y2ST	0.0	0.0	0.002	0.029	0.000	0.000	0.002	0.000
225.57	225.87	443-17	0.30	Y1OV	0.0	0.0	0.012	0.029	0.000	0.000	0.012	0.000
227.03	228.03	443-18	1.00	F4QM	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
228.03	228.33	443-19	0.30	QV	0.0	0.0	0.050	0.117	0.000	0.000	0.050	0.117
228.33	228.93	443-20	0.60	A2Q	0.0	0.0	0.003	0.029	0.000	0.000	0.003	0.000
228.93	229.53	443-21	0.60	F3QM	0.0	0.0	0.003	0.058	0.000	0.000	0.003	0.058
229.53	229.83	443-22	0.30	Y4OV	0.0	0.0	0.000	0.000	0.090	0.321	0.090	0.321
229.83	230.83	443-23	1.00	Y4OV	0.0	0.0	0.022	0.029	0.000	0.000	0.022	0.000
231.04	231.54	443-24	0.50	HG	0.0	0.0	0.002	0.029	0.000	0.000	0.002	0.000
235.65	235.95	443-25	0.30	Y1ST	0.0	0.0	0.007	0.204	0.000	0.000	0.007	0.204
237.52	237.82	443-26	0.30	Y4ST	0.0	0.0	0.003	0.029	0.000	0.000	0.003	0.000
243.88	244.18	443-27	0.30	Y1ST	0.0	0.0	0.003	0.029	0.000	0.000	0.003	0.000
245.34	245.64	443-28	0.30	Y2ST	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000

# Down Hole Survey Data

Hole Number *SND05443*

Core Size

Hole Depth

DISTANCE	DIP	AZIMUTH	MAGDIP	TESLAS
0	-71	0.0	0	0
16.81	-71	358.5	0	0
30.05	-71	356.0	0	0
45.29	-71	355.1	0	0
60.53	-71	359.4	0	0
75.77	-70	0.8	0	0
91.01	-71	357.6	0	0
106.25	-71	358.5	0	0
121.49	-71	358.4	0	0
136.73	-71	358.9	0	0
151.97	-70	3.4	0	0
167.21	-71	359.7	0	0
182.45	-71	3.9	0	0
197.69	-71	359.8	0	0
212.93	-71	4.9	0	0
228.17	-70	5.1	0	0
243.41	-71	0.6	0	0











# Diamond Drill Geology Record

HOLE NUMBER: **SND05443**

DATE: 10/12/2005

LOGGED BY DM JM

FROM (m)	TO (m)	MAIN ROCK	MINOR ROCK	STRUCT	ANGLE	ALT1	ALT1%	ALT2	ALT2%	ALT3	ALT3%	PY%	SULF1	SULF1%	SULF2	SULF2%	SULF3	SULF3%	GANGUE	GANGUE%	COMMENTS	
161.11	161.14		K2Q		0	C	5		0		0	0		0		0		0		0		
161.28	161.56		K1Q		0	C	5		0		0	0		0		0		0		0		
161.52	161.56		GG	FT	70		0		0		0	0		0		0		0		0		
162.20	162.24		K2Q		0	C	5		0		0	0		0		0		0		0		
163.30	163.33		K2Q		0	C	5		0		0	0		0		0		0		0		
163.41	163.47		K1Q		0	SE	2		0		0	0		0		0		0		0		
163.45	163.45		Y2ST	ST	55		0		0		0	0	SL	0.1		0		0		0		
164.17	164.26		K2Q		0	SE	2		0		0	0		0		0		0		0		
164.21	164.22		Y1QV	V	60		0		0		0	0		0		0		0		0		
166.54	166.56		K2Q		0	C	5		0		0	0		0		0		0		0		
166.64	166.69		K2Q		0		0		0		0	0		0		0		0		0		
167.03	167.49		K2Q		0		0		0		0	0		0		0		0		0		
167.15	167.15		ST	ST	75		0		0		0	0		0		0		0		0		
167.58	167.67		A2Q		0	K	5		0		0	0		0		0		0		0		
168.08	168.13		K2Q		0		0		0		0	0		0		0		0		0		
168.57	168.68		K2Q		0	C	5		0		0	0		0		0		0		0		
168.61	168.61		Y5ST	ST	70		0		0		0	0		0		0		0		0		
169.03	169.25		A2Q		0	K	5		0		0	0		0		0		0		0		
170.02	170.11		AP	D	55		0		0		0	0		0		0		0		0		
170.11	170.22		K2Q		0	C	5		0		0	0		0		0		0		0		
170.13	170.13		ST	ST	55		0		0		0	0		0		0		0		0		
170.66	170.85		A2Q		0	K	5		0		0	0		0		0		0		0		
171.03	171.06		K2Q		0		0		0		0	0		0		0		0		0		
172.10	172.13		K2Q		0		0		0		0	0		0		0		0		0		
172.12	172.12		Y2ST	ST	60		0		0		0	0		0		0		0		0		
173.49	173.77		K1Q		0	C	5		0		0	0		0		0		0		0		
174.29	174.35		K2Q		0	C	5		0		0	0		0		0		0		0		
174.31	174.32		Y2ST	ST	70		0		0		0	0		0		0		0		0		
175.26	175.30		AP	D	65		0		0		0	0		0		0		0		0		
175.45	175.48		AP	D	75		0		0		0	0		0		0		0		0		
176.15	176.23		K1Q		0		0		0		0	0		0		0		0		0		
176.91	177.01		K1Q		0		0		0		0	0		0		0		0		0		
177.33	177.33		ST	ST	85		0		0		0	0		0		0		0		0		
177.98	178.06		K1Q		0		0		0		0	0		0		0		0		0		
179.94	179.99		A1Q		0	K	5		0		0	0		0		0		0		0		
179.97	179.97		Y1ST	ST	70		0		0		0	0		0		0		0		0		
180.74	180.77		K2Q		0		0		0		0	0		0		0		0		0		
180.91	180.95		K1Q		0		0		0		0	0		0		0		0		0		
181.49	181.88		A1Q		0	K	5		0		0	0		0		0		0		0		
181.74	181.74		Y2ST	ST	70		0		0		0	0		0		0		0		0		
182.12	182.46		K1Q		0		0		0		0	0		0		0		0		0		
183.57	183.60		A1Q		0		0		0		0	0		0		0		0		0		
184.06	184.27		K1Q		0		0		0		0	0		0		0		0		0		
184.63	184.81		K1Q		0		0		0		0	0		0		0		0		0		
185.15	185.24		A3Q		0		0		0		0	0		0		0		0		0		
185.18	185.18		Y2GG	FT	85		0		0		0	0		0		0		0		0		
186.53	186.61		K2Q		0	C	2		0		0	0		0		0		0		0		
186.57	186.57		Y1ST	ST	80		0		0		0	0		0		0		0		0		
187.96	188.02		K1Q		0		0		0		0	0		0		0		0		0		
187.99	187.99		Y2ST	ST	80		0		0		0	0		0		0		0		0		
188.24	188.35		A1Q		0		0		0		0	0		0		0		0		0		
188.35	188.86		K1Q		0		0		0		0	0		0		0		0		0		
188.40	188.43		ST	ST	75		0		0		0	0		0		0		0		0		
188.70	188.70		Y1ST	ST	75		0		0		0	0		0		0		0		0		



# Diamond Drill Geology Record

HOLE NUMBER: **SND05443**

DATE: 10/12/2005

LOGGED BY **DM JM**

FROM (m)	TO (m)	MAN ROCK	MINOR ROCK	STRUCT	ANGLE	ALT1	ALT1%	ALT2	ALT2%	ALT3	ALT3%	PV%	SULF1	SULF1%	SULF2	SULF2%	SULF3	SULF3%	GANGUE	GANGUE%	COMMENTS	
223.12	223.17		A1Q		0	0	0				0	0		0		0		0		0		
223.35	223.40		A2Q		0	0	0				0	0		0		0		0		0		
223.38	223.38		Y3ST	ST	80	0	0				0	0		0		0		0		0		
223.60	224.05	A2QM			0	0	0				0	0		0		0		0		0		
223.77	223.77		Y1ST	ST	85	0	0				0	0		0		0		0		0		
223.83	223.94		F2QM		0	0	0				0	0		0		0		0		0		
224.01	224.01		Y2ST	ST	70	0	0				0	0		0		0		0		0		
224.05	225.32	PIQM			0	0	0				0	0		0		0		0		0		
224.55	224.66		A2Q		0	0	0				0	0		0		0		0		0		
224.60	224.66		F3QM		0	0	0				0	0		0		0		0		0		
225.02	225.20		A1Q		0	0	0				0	0		0		0		0		0		
225.14	225.14		Y1ST	ST	65	0	0				0	0		0		0		0		0		
225.26	225.32		A1Q		0	0	0				0	0		0		0		0		0		
225.32	227.10	K1QM			0	C	10				0	0		0		0		0		0		
225.66	225.67		GG	FT	60	0	0				0	0		0		0		0		0		
225.67	225.74		A4Q		0	0	0				0	0		0		0		0		0		
225.74	225.76		Y1QV	V	50	0	0				0	0		0		0		0		0		
225.76	225.81		F2QM		0	K	10				0	0		0		0		0		0		
227.00	227.07		A2Q		0	0	0				0	0		0		0		0		0		
227.07	227.10		F4QM	C	60	0	0				0	0		0		0		0		0		
227.10	228.10	PIQM			0	K	10	C	2		0	0		0		0		0		0		
227.99	228.03		A2Q		0	0	0				0	0		0		0		0		0		
228.03	228.10		F4QM		0	K	5				0	0		0		0		0		0		
228.10	228.27	QV		V	60	0	0				0	0		0		0		0		0		
228.27	229.64	A3QM			0	0	0				0	0		0		0		0		0		
228.33	228.83		A2Q		0	K	5				0	0		0		0		0		0		
228.90	229.06		F4QM		0	K	5				0	0		0		0		0		0		
228.97	228.98		Y1ST	ST	50	0	0				0	0		0		0		0		0		
229.14	229.28		F3QM		0	K	10				0	0		0		0		0		0		
229.33	229.49		F2QM		0	K	10				0	0		0		0		0		0		
229.60	229.64		Y2GG	FT	60	0	0				0	0		0		0		0		0		
229.64	229.69	Y4QV		V	70	0	0				0	0		0		0		0		0		
229.69	230.30	A3QM			0	0	0				0	0		0		0		0		0		
229.76	229.83		F2QM		0	0	0				0	0		0		0		0		0		
229.95	230.23		F3QM		0	0	0				0	0		0		0		0		0		
230.08	230.11		Y4QV	V	65	0	0				0	0		0		0		0		0		
230.30	231.92	A2QM			0	K	5				0	0		0		0		0		0		
231.04	231.07		F2QM		0	0	0				0	0		0		0		0		0		
231.22	231.23		ST	ST	35	0	0				0	0		0		0		0		0		
231.37	231.41		HG	FT	20	0	0				0	0		0		0		0		0		
231.92	235.64	PIQM			0	K	10	C	2		0	0		0		0		0		0		
234.32	234.36		F2QM		0	0	0				0	0		0		0		0		0		
234.34	234.34		Y1ST	ST	55	0	0				0	0		0		0		0		0		
235.46	235.46		ST	ST	65	0	0				0	0		0		0		0		0		
235.64	247.80	K2QM			0	C	10	C	5		0	0		0		0		0		0		
235.78	235.78		Y1ST	ST	80	0	0				0	0		0		0		0		0		
235.84	235.85		Y1GG	FT	45	0	0				0	0		0		0		0		0		
236.78	236.78		Y2ST	ST	60	0	0				0	0		0		0		0		0		
237.07	237.07		GG	FT	55	0	0				0	0		0		0		0		0		
237.67	237.69		S2QM		0	0	0				0	0		0		0		0		0		
237.68	237.68		Y4ST	ST	80	0	0				0	0		0		0		0		0		
238.43	238.43		Y1GG	FT	70	0	0				0	0		0		0		0		0		
239.69	239.94		PIQM		0	0	0				0	0		0		0		0		0		
240.03	240.13		PIQM		0	0	0				0	0		0		0		0		0		

# Diamond Drill Geology Record

HOLE NUMBER: **SND05443**

DATE: 10/12/2005

LOGGED BY DM JM

FROM (m)	TO (m)	MAIN ROCK	MINOR ROCK	STRUCT	ANGLE	ALT1	ALT1%	ALT2	ALT2%	ALT3	ALT3%	PY%	SULF1	SULF1%	SULF2	SULF2%	SULF3	SULF3%	GANGUE	GANGUE%	COMMENTS
242.08	242.09		Y1GG	FT	55		0		0		0	0		0					0	0	
243.94	243.94		Y1ST	ST	80		0		0		0	0		0					0	0	
244.07	244.11		S2QM		0		0		0		0	0		0					0	0	
244.09	244.10		Y1ST	ST	80		0		0		0	0		0					0	0	
244.27	244.60		P1QM		0		0		0		0	0		0					0	0	
245.49	245.52		F1QM		0		0		0		0	0		0					0	0	
245.51	245.51		Y2ST	ST	70		0		0		0	0		0					0	0	

# Almaden Minerals Diamond Drill Record

**PROPERTY:** Elk **HOLE-ID:** SND05444 **DEPTH:** 201.78  
**AREA:** WD **EASTING:** 2743.22 **DATE START:** 10/15/2005  
**CLAIM:** SNML **NORTHING:** 3495.55 **DATE FINISH:** 10/17/2005  
**SECTION:** 2745E **ELEVATION:** 1639.96 **CONTRACTOR:** Leclerc Drilling Ltd 38  
**CORE SIZE:** NQ **RECOVERY:** 0.00 **RQD:** 0.00 **CORE STORED AT:** Elk Rack C Bay 30 **LOGGED BY:** DM JM

**COMMENTS** Hole 444 was drilled to test the continuity and grade of the WD zones. A 36cm quartz vein was intersected at the projected location of the WD zone.

## ASSAY AVERAGES

FROM	TO	INT	TW	ZONE	AU OZ/T	AG OZ/T	SG
11.14	11.65	0.51	0.50	A	0.025	0.050	2.63
43.05	43.55	0.51	0.50	B	0.012	0.000	2.65
175.07	176.78	1.71	0.50	WD	0.113	0.550	2.68

# Sample Results

HOLE-ID SND05444

FROM (m)	TO (m)	Sample Number	Int (m)	GEOL	Analysis		Fire Assay		Metallics Assay		Reduced Results	
					AU ppb	AG gm/l	AU oz/t	AG oz/t	AU oz/t	AG oz/t	AU oz/t	AG oz/t
11.35	11.65	444-1	0.30	Y3ST	0.0	0.0	0.043	0.087	0.000	0.000	0.043	0.087
13.70	14.20	444-2	0.50	Y1ST	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
41.51	41.81	444-4	0.30	DUPL	0.0	0.0	0.003	0.087	0.000	0.000	0.003	0.087
43.25	43.55	444-7	0.30	Y3ST	0.0	0.0	0.020	0.029	0.000	0.000	0.020	0.000
44.00	44.30	444-8	0.30	Y3ST	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.000
48.48	48.78	444-9	0.30	Y1ST	0.0	0.0	0.003	0.029	0.000	0.000	0.003	0.000
50.82	51.12	444-10	0.30	Y3ST	0.0	0.0	0.002	0.029	0.000	0.000	0.002	0.000
72.72	73.02	444-11	0.30	Y3ST	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.000
107.41	107.71	444-12	0.30	Y1ST	0.0	0.0	0.006	0.029	0.000	0.000	0.006	0.000
110.36	110.86	444-13	0.50	Y1ST	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.000
115.25	115.75	444-14	0.50	Y2ST	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.000
121.73	122.33	444-15	0.60	Y1ST	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.000
141.33	141.63	444-16	0.30	Y2ST	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.000
147.44	147.74	444-17	0.30	Y3GG	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
170.66	171.26	444-18	0.60	F3QM	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.000
173.61	173.91	444-19	0.30	Y3GG	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
175.07	176.17	444-20	1.10	K2Q	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
176.17	176.57	444-21	0.40	Y3QV	0.0	0.0	0.000	0.000	0.169	0.875	0.169	0.875
176.57	177.17	444-22	0.60	Y1ST	0.0	0.0	0.019	0.029	0.000	0.000	0.019	0.000
177.17	177.87	444-24	0.70	Y2ST	0.0	0.0	0.011	0.029	0.000	0.000	0.011	0.000
181.06	181.66	444-27	0.60	Y1GG	0.0	0.0	0.008	0.029	0.000	0.000	0.008	0.000
183.72	184.22	444-28	0.50	Y2ST	0.0	0.0	0.006	0.029	0.000	0.000	0.006	0.000
187.85	188.15	444-29	0.30	Y5ST	0.0	0.0	0.005	0.029	0.000	0.000	0.005	0.000
198.97	199.27	444-30	0.30	Y3ST	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.000
200.91	201.71	444-31	0.80	Y3ST	0.0	0.0	0.003	0.029	0.000	0.000	0.003	0.000

# Down Hole Survey Data

Hole Number *SND05444*

Core Size

Hole Depth

**DISTANCE    DIP    AZIMUTH    MAGDIP    TESLAS**

DISTANCE	DIP	AZIMUTH	MAGDIP	TESLAS
0	-70	0.0	0	0
10.36	-70	1.0	0	0
25.6	-71	2.0	0	0
40.84	-70	2.4	0	0
56.08	-70	2.4	0	0
71.32	-70	2.8	0	0
86.56	-70	2.6	0	0
101.8	-70	2.9	0	0
117.04	-70	3.1	0	0
132.28	-70	3.3	0	0
147.52	-69	2.6	0	0
162.76	-70	3.6	0	0
178	-71	4.2	0	0
193.24	-70	5.2	0	0





# Diamond Drill Geology Record

HOLE NUMBER: SND05444

DATE: 10/15/2005

LOGGED BY DMJM

FROM (m)	TO (m)	MAIN ROCK	MINOR ROCK	STRUCT	ANGLE	ALT1	ALT1%	ALT2	ALT2%	ALT3	ALT3%	P%	SULF1	SULF1%	SULF2	SULF2%	SULF3	SULF3%	GANGLUE	GANGLUE%	COMMENTS	
48.64	48.65		ST	ST	75		0		0		0		H	20		0		0		0		
48.65	48.67		S2QM		0		0		0		0					0		0		0		
49.54	49.63		K1Q		0		0		0		0					0		0		0		
50.48	50.73		K1Q		0		0		0		0					0		0		0		
50.72	50.72		GG	FT	70		0		0		0					0		0		0		
50.93	51.00		A1Q		0		0		0		0					0		0		0		
50.96	51.04		S3QM		0	K	5		0		0					0		0		0		
50.97	50.97		Y3ST	ST	75		0		0		0					0		0		0		
51.25	51.68		K1Q		0		0		0		0					0		0		0		
51.31	51.36		A2Q		0		0		0		0					0		0		0		
55.13	55.51		K1Q		0	C	10		0		0					0		0		0		
57.48	57.55		A1Q		0		0		0		0					0		0		0		
60.80	60.91		K1Q		0		0		0		0					0		0		0		
61.15	61.23		K1Q		0		0		0		0					0		0		0		
61.58	61.74		K1Q		0		0		0		0					0		0		0		
61.63	61.63		GG	FT	60		0		0		0					0		0		0		
62.97	63.26		K2Q		0	C	10		0		0					0		0		0		
63.12	63.12		GG	FT	50		0		0		0					0		0		0		
63.41	64.28	K1QM			0	C	10	C	5		0					0		0		0		
63.50	63.50		ST	ST	60		0		0		0					0		0		0		
63.54	63.55		GG	FT	55		0		0		0					0		0		0		
64.28	86.50	P2QM			0		0		0		0					0		0		0		
64.48	65.02		A3Q		0	K	5		0		0					0		0		0		
65.64	65.82		A3Q		0	K	5		0		0					0		0		0		
66.07	66.18		K2Q		0	C	5		0		0					0		0		0		
66.30	66.34		K2Q		0		0		0		0					0		0		0		
66.48	66.60		K2Q		0	C	5		0		0					0		0		0		
68.57	68.68		K2Q		0		0		0		0					0		0		0		
68.59	68.65		F2QM		0		0		0		0					0		0		0		
69.92	70.03		P3QM		0	C	2		0		0					0		0		0		
71.04	71.11		K1Q		0		0		0		0					0		0		0		
71.07	71.07		Y1ST	ST	70		0		0		0					0		0		0		
72.84	72.92		K2Q		0	SE	3		0		0					0		0		0		
72.86	72.86		Y3ST	ST	80		0		0		0					0		0		0		
73.38	73.41		K2Q		0		0		0		0					0		0		0		
73.40	73.40		ST	ST	80		0		0		0					0		0		0		
73.51	73.55		K2Q		0		0		0		0					0		0		0		
73.53	73.53		Y1ST	ST	80		0		0		0					0		0		0		
74.48	74.52		K2Q		0		0		0		0					0		0		0		
74.82	74.86		K1Q		0	SE	3		0		0					0		0		0		
75.51	75.51		GG	FT	80		0		0		0					0		0		0		
75.68	75.91		A2Q		0		0		0		0					0		0		0		
75.84	75.85		GG	FT	60		0		0		0					0		0		0		
76.42	76.43		GG	FT	45		0		0		0					0		0		0		
76.54	76.71		K1Q		0	C	10	C	5		0					0		0		0		
80.86	80.93		K1Q		0	C	5		0		0					0		0		0		
81.54	81.58		K1Q		0		0		0		0					0		0		0		
86.50	87.02	AP		D	45		0		0		0					0		0		0		
87.02	105.00	P2QM			0		0		0		0					0		0		0		
87.64	87.98		AP	D	30		0		0		0					0		0		0		
90.35	90.43		K2Q		0		0		0		0					0		0		0		
93.38	93.45		K2Q		0	C	5		0		0					0		0		0		
97.53	97.55		K2Q		0		0		0		0					0		0		0		
97.55	97.55		Y1GG	FT	65		0		0		0					0		0		0		







# Diamond Drill Geology Record

HOLE NUMBER: **SND05444**

DATE: 10/15/2005

LOGGED BY DM JM

FROM (m)	TO (m)	MAIN ROCK	MINOR ROCK	STRUCT	ANGLE	ALT1	ALT1%	ALT2	ALT2%	ALT3	ALT3%	PY%	SULF1	SULF1%	SULF2	SULF2%	SULF3	SULF3%	GANGUE	GANGUE%	COMMENTS	
199.04	199.08		F3QM		0		0		0		0	0		0		0		0		0		
199.06	199.06		Y3ST	ST	85		0		0		0	0		0		0		0		0		
200.17	200.26		A3Q		0		0		0		0	0		0		0		0		0		
200.21	200.24		F3QM		0		0		0		0	0		0		0		0		0		
200.93	200.93		Y1ST	ST	80		0		0		0	0		0		0		0		0		
200.94	200.95		ST	ST	60		0		0		0	0		0		0		0		0		
201.29	201.29		Y3ST	ST	70		0		0		0	0		0		0		0		0		
201.66	201.66		Y1ST	ST	80		0		0		0	0		0		0		0		0		

# Almaden Minerals Diamond Drill Record

<b>PROPERTY:</b>	Elk	<b>HOLE-ID:</b>	SND05445	<b>DEPTH:</b>	142.34	
<b>AREA:</b>	WD	<b>EASTING:</b>	2743.91	<b>DATE START:</b>	10/17/2005	
<b>CLAIM:</b>	SNML	<b>NORTHING:</b>	3552.23	<b>DATE FINISH:</b>	10/19/2005	
<b>SECTION:</b>	2745E	<b>ELEVATION:</b>	1634.05	<b>CONTRACTOR:</b>	Leclerc Drilling Ltd 38	
<b>CORE SIZE:</b>	NQ	<b>RECOVERY:</b>	0.00	<b>RQD:</b>	0.00	
		<b>CORE STORED AT:</b>	Elk Rack C Bay 30		<b>LOGGED BY:</b>	DM JM

**COMMENTS** Hole 445 was drilled to test the continuity and grade of the WD zones. Two 2cm Y3QV were intersected at the projected location of the WD zone.

## ASSAY AVERAGES

FROM	TO	INT	TW	ZONE	AU OZ/T	AG OZ/T	SG
40.81	41.36	0.55	0.50	C	0.001	0.000	2.64
118.87	119.39	0.52	0.50	WDb	0.003	0.056	2.60

# Sample Results

HOLE-ID SND05445

FROM (m)	TO (m)	Sample Number	Int (m)	GEOL	Analysis		Fire Assay		Metallics Assay		Reduced Results	
					AU ppb	AG gm/t	AU oz/t	AG oz/t	AU oz/t	AG oz/t	AU oz/t	AG oz/t
27.12	27.42	445-1	0.30	Y1ST	0.0	0.0	0.002	0.029	0.000	0.000	0.002	0.000
41.06	41.36	445-2	0.30	Y3ST	0.0	0.0	0.002	0.029	0.000	0.000	0.002	0.000
117.09	117.39	445-10	0.30	Y1HG	0.0	0.0	0.000	0.029	0.000	0.000	0.000	0.000
117.39	117.99	445-11	0.60	A4O	0.0	0.0	0.001	0.087	0.000	0.000	0.001	0.087
117.99	118.29	445-13	0.30	DUPL	0.0	0.0	0.114	0.117	0.000	0.000	0.114	0.117
118.29	118.89	445-16	0.60	A4O	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
118.89	119.39	445-17	0.50	Y3QV	0.0	0.0	0.003	0.058	0.000	0.000	0.003	0.058
119.39	120.39	445-18	1.00	A3Q	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
123.60	123.90	445-19	0.30	Y1ST	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
125.68	125.98	445-20	0.30	F3OM	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
126.44	126.74	445-21	0.30	Y2ST	0.0	0.0	0.047	0.058	0.000	0.000	0.047	0.058
128.66	129.16	445-22	0.50	QV	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
141.22	141.52	445-23	0.30	Y2ST	0.0	0.0	0.001	0.029	0.000	0.000	0.001	0.000
141.87	142.17	445-24	0.30	Y2QV	0.0	0.0	0.103	0.146	0.000	0.000	0.103	0.146



# Down Hole Survey Data

Hole Number *SND05445*

Core Size

Hole Depth

**DISTANCE    DIP    AZIMUTH    MAGDIP    TESLAS**

DISTANCE	DIP	AZIMUTH	MAGDIP	TESLAS
0	-70	0.0	0	0
32	-70	359.4	0	0
47.24	-70	2.0	0	0
62.48	-70	3.4	0	0
77.72	-71	2.3	0	0
92.96	-71	2.6	0	0
108.2	-71	0.1	0	0
123.44	-71	1.9	0	0
138.68	-70	359.4	0	0

# Diamond Drill Geology Record

HOLE NUMBER: **SND05445**

DATE: 10/17/2005

LOGGED BY **DMJM**

FROM (m)	TO (m)	MAIN ROCK	MINOR ROCK	STRUCT	ANGLE	ALT1	ALT1%	ALT2	ALT2%	ALT3	ALT3%	PY%	SULF1	SULF1%	SULF2	SULF2%	SULF3	SULF3%	GANGUE	GANGUE%	COMMENTS	
0.00	3.66	CS				0		0		0		0		0		0		0		0		
3.66	3.80	OB				0		0		0		0		0		0		0		0		
3.80	6.61	QM				0	0	5		0		0		0		0		0		0		
4.36	4.38		GG	FT	10			0		0		0		0		0		0		0		
5.82	6.05		A2Q			0	0	5		0		0		0		0		0		0		
5.96	5.97		GG	FT	75			0		0		0		0		0		0		0		
6.61	25.94	QM				0		0		0		0		0		0		0		0		
9.24	9.28		A2Q			0		0		0		0		0		0		0		0		
9.26	9.26		Y3ST	ST	80			0		0		0		0		0		0		0		
9.54	9.63		A2Q			0		0		0		0		0		0		0		0		
10.32	10.46		QM			0	0	10		0		0		0		0		0		0		
11.23	11.41		A2Q			0		0		0		0		0		0		0		0		
14.10	14.21		QM			0	0	5		0		0		0		0		0		0		
14.96	15.00		QM			0	0	5		0		0		0		0		0		0		
15.17	15.45		A2Q			0	0	5		0		0		0		0		0		0		
16.61	16.74		QM			0	0	3		0		0		0		0		0		0		
22.74	22.82		QM			0	0	5		0		0		0		0		0		0		
25.94	27.37	P1QM				0		0		0		0		0		0		0		0		
27.20	27.36		A2Q			0	0	3		0		0		0		0		0		0		
27.24	27.29		F3QM			0	0	3		0		0		0		0		0		0		
27.27	27.27		Y1ST	ST	75			0		0		0		0		0		0		0		
27.36	31.58	P2QM				0		0		0		0		0		0		0		0		
29.19	29.35		P4QM			0		0		0		0		0		0		0		0		
29.25	29.26		GG	FT	65			0		0		0		0		0		0		0		
29.97	30.24		A2Q			0		0		0		0		0		0		0		0		
30.37	30.44		GG	FT	65			0		0		0		0		0		0		0		
30.56	30.76		AP	D	55			0		0		0		0		0		0		0		
31.58	32.16	AP		D	30			0		0		0		0		0		0		0		
32.16	72.44	P2QM				0		0		0		0		0		0		0		0		
32.24	32.36		K2Q			0		0		0		0		0		0		0		0		
33.33	33.67		P3QM			0	C	5	K	2		0		0		0		0		0		
33.53	33.64		A2Q			0		0		0		0		0		0		0		0		
33.57	33.62		F3QM			0	K	5		0		0		0		0		0		0		
37.04	37.12		K2Q			0		0		0		0		0		0		0		0		
37.09	37.09		ST	ST	85			0		0		0		0		0		0		0		
39.17	39.21		K2Q			0		0		0		0		0		0		0		0		
39.20	39.20		Y1ST	ST	85			0		0		0		0		0		0		0		
40.10	40.10		ST	ST	70			0		0		0		0		0		0		0		
40.89	40.94		K1Q			0		0		0		0		0		0		0		0		
41.15	41.26		K2Q			0		0		0		0		0		0		0		0		
41.17	41.17		Y3ST	ST	60			0		0		0		0		0		0		0		
41.65	41.68		A3Q			0		0		0		0		0		0		0		0		
41.73	41.74		GG	FT	65			0		0		0		0		0		0		0		
41.74	41.76		S3QM			0		0		0		0		0		0		0		0		
43.82	43.89		K2Q			0		0		0		0		0		0		0		0		
43.97	44.10		K2Q			0		0		0		0		0		0		0		0		
44.06	44.08		F3QM	C	65			0		0		0		0		0		0		0		
45.54	45.85		P3QM			0	K	2		0		0		0		0		0		0		
46.60	46.76		P3QM			0	K	3		0		0		0		0		0		0		
46.88	47.19		P3QM			0		0		0		0		0		0		0		0		
46.93	46.93		ST	ST	55			0		0		0		0		0		0		0		
47.00	47.01		ST	ST	60			0		0		0		0		0		0		0		
47.07	47.07		ST	ST	55			0		0		0		0		0		0		0		
47.09	47.10		QV	V	50			0		0		0		0		0		0	A	5		



