

APPENDIX E

2004 DIAMOND DRILL LOGS

TODD CREEK PROPERTY, SKEENA MINING DIVISION

27792  
of 3

GEOLOGICAL SURVEY BRANCH

APPENDIX E

27792  
2004 DIAMOND DRILL LOGS

TODD CREEK PROPERTY, SKEENA MINING DIVISION

LIST OF ABBREVIATIONS

alt – altered/alteration  
ang – angular  
ank – ankerite  
aspy – arsenopyrite  
assoc – associated  
ave – average  
blu – blue  
blk – black  
brn – brown  
bx – brecciated  
chl – chlorite  
carb – carbonate  
CA – core axis  
co – coarse  
comp – composition  
conj – conjugate  
cpy – chalcopyrite  
CT – crystal tuff  
deg – degree  
dir – direction  
diss – disseminated  
dk – dark  
ea – each  
epi – epidote  
euhed – euhedral  
feld - feldspar  
fi – fine  
frag - fragment  
fract – fracture  
fuch – fuchsite  
gran - granular  
grn – green  
gry – grey  
hem – red hematite

irreg – irregular  
irrid – iridescent  
LC – lower contact  
lim – limonite  
lt – light  
mat – material  
Mn – manganese  
med - medium  
mod - moderate  
num – number  
orge – orange  
pk - pink  
po – pyrrhotite  
prev – previous  
py – pyrite  
QM – quartz monzonite  
qtz – quartz  
rnd – round  
sect – section  
ser - sericite  
sil – silicified  
stwk – stockwork  
spec – specular hematite  
str – strong  
sulf – sulfides  
text – texture  
tr – trace  
UC – upper contact  
vol – volcanic  
vn – vein  
wh – white  
wk – weak  
xtals – crystals  
yel – yellow

DDHNEXT04-01

2004/12/07

\*\* SUMMARY LITHO LOG \*\*

PROPERTY: TODD CREEK

HOLE NO: NEXT04-01

COLLAR LOCATION: 10700N, 10190E

ELEVATION: 1033 m

=====

FROM	TO	LITHOLOGICAL UNIT
(m)	(m)	
0.00	2.13	OVERBURDEN
2.13	94.70	ALT CT: FOOTWALL ROCKS
2.13	33.50	Mottled gry-grn CT
33.50	49.90	Mottled grn-gry to gry-grn CT
49.90	63.95	Hem Chl CT
63.95	66.60	Mottled gry-grn
66.60	70.75	Fault Zone
70.75	79.05	Chl, Mottled Grn-Gry CT
79.05	94.70	Extremely Sil CT
94.70	130.90	NEXT ZONE STRATIGRAPHY
94.70	94.91	NEXT Bx Vn
94.91	107.70	Highly Sil, Sulf CT
107.70	108.80	NEXT Bx Vn
108.80	111.80	Sil, Sulf CT
111.80	112.40	Sulf, Mod Crackled CT
112.40	114.98	Sil, Sulf CT
114.98	115.11	NEXT Bx Vn
115.11	117.20	Sulf, Wk-Mod Crackled CT
117.20	117.76	Sulf, Mod Crackled CT
117.76	118.70	Sil, Sulf Co CT
118.70	120.19	NEXT Bx Vn
120.19	120.80	Sil, Sulf CT
120.80	122.00	NEXT Bx Vn
122.00	128.00	Chl, Sil, Sulf CT
128.00	129.00	NEXT Bx Vn
129.00	130.90	NEXT Bx Vn

130.90 154.53 ALT CT: HANGING WALL ROCKS

130.90 138.35 Co Chl Matrix Bx

138.35 146.70 Well Vn, Sulf CT

146.70 154.53 Chl, Sulf CT, Lg Frag Bx Vn

154.53 154.53 E.O.H.

Property: TODD CREEK PROPERTY  
Hole: NEXT04-01 (10700N,10190E)  
Drilled: JULY 11-16/04

DRILL CORE RECOVERY BY RUN & ACID TEST RESULTS

From - To (Ft)	Actual (Ft)	Recovery (%)	From - To (Ft)	Actual (Ft)	Recovery (%)	From - To (Ft)	Actual (Ft)	Recovery (%)
7 - 17	10'3	102%	177 - 187	10'1	100.80%	347 - 357	10'2	101.67%
17 - 27	9'9	98%	187 - 197	10'4	103.30%	357 - 367	10'2	101.67%
27 - 37	9'11 1/2	99.60%	197 - 207	10'	100.00%	367 - 377	9'10	98.30%
37 - 47	10'3 1/2	102.90%	207 - 217	10'	100.00%	377 - 387	10'4	103.30%
47 - 57	9'9	97.50%	217 - 227	10'2	101.67%	387 - 397	10'4	103.30%
57 - 67	10'2	101.67%	227 - 237	10'	100.00%	397 - 407	9'6	95.00%
67 - 77	9'11	99.20%	237 - 247	10'	100.00%	407 - 417	10'1	100.80%
77 - 87	10'2	101.67%	247 - 257	10'	100.00%	417 - 427	10'	100.00%
87 - 97	10'	100%	257 - 267	9'11	99.20%	427 - 437	10'2	101.67%
97 - 107	9'10	98.30%	267 - 277	10'1	100.80%	437 - 447	10'1	100.80%
107 - 117	10' 1/2	100.40%	277 - 287	10'4	103.30%	447 - 457	9'9	98.00%
117 - 127	10'	100.00%	287 - 297	9'10	98.30%	457 - 467	10'4	103.30%
127 - 137	10'2	101.67%	297 - 307	10'3	102.50%	467 - 477	10'4	103.30%
137 - 147	10'	100%	307 - 317	10'	100.00%	477 - 487	10'	100.00%
147 - 157	10'1	100.80%	317 - 327	10'	100.00%	487 - 497	10'	100.00%
157 - 167	9'9	98%	327 - 337	10'	100.00%	497 - 507	9'5	94.20%
167 - 177	10'2	101.67%	337 - 347	10'2	101.67%			

OVERALL RECOVERY AVERAGE= 100.40%

TEST	HOLE DEPTH	ACID TESTS	
		TUBE READING (DEG)	CORR READING (DEG)
1	60.05 m	36°	-28.5°
2	154.53 m	33°	-26.1°

# Geofine Exploration Consultants Ltd.

## DIAMOND DRILL LOG

PROPERTY: TODD CREEK

HOLE No.: NEXT401

Collar Eastings: 10190.00

Collar Northings: 10700.00

Collar Elevation: 1033.00

Grid: GEOFINE CL

Drill Az 280 deg.

Collar Inclination: -30.00

Grid Bearing: 280.00

Final Depth: 154.53 metres

Target: NEXT Qtz Bx Vn

Aggressive Drill, BQW core, casing 2.13 m

Logged by: D KENNEDY

Date: JULY 11-16/04

Down-hole Survey: Acid Test

Core recovery: 100.4%

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS					
							Au ppm	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
0.0	2.13	OVERBURDEN recovered boulders.  ALT CT: FOOTWALL ROCKS; 2.13-94.70 m Gry to grn; fi gr, well sil matrix with 10-15% interstitial chl patches up to 2.5 cm giving a mottled text; Comp: 80-90% sil, 10-15% chl, 1-2% diss sulfs, mostly py as euhed gr, most assoc with chl patches and some on margins of 0.5-6 mm qtz-carb vns; cross fracturing sets 20-30 deg and 50-60 deg to CA; local areas of 30% qtz and fuch xtals to 3 mm.										
2.13	4.25	Mottled gry-grn CT, with 10% chl; rusty 0.5-1mm qtz-carb vns @ 50-60 deg to CA; minor Mn stain on fract. 3.2-3.45: up to 20% lt grn qtz & carb xtals, rnd, to 2 mm.										
4.25	8.66	Mottled grn-gry CT with 15% chl as more distinct 2-4 mm rnd-ang xtals (pseudomorphed after feld);	609186	5.18	6.28	1.10	0.116	0.1	9	257	2	35
			609187	6.28	7.28	1.00	0.001	0.1	11	31	2	26

HOLE No: NEXT401



# Geofine Exploration Consultants Ltd.

## DIAMOND DRILL LOG

PROPERTY: TODD CREEK  
HOLE No.: NEXT401

Page 2

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS					
							Au ppm	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
		<1% fi diss py with chl patches; wk carb, minor qtz-carb vns @ 130-150 deg to CA.	609188	7.28	8.28	1.00	0.001	0.1	1	9	1	30
		5.28-5.35: 10% epi as patches; 1-2 mm qtz-carb stringers @ 35 deg to CA with locally 5-7% cpy & hem; tr py.										
		6.04-6.63: several qtz-carb stringers 0.5 -5 mm @ 20-25 deg to CA; hem comprises 50% of stringers; stringers with cpy & tr py adjacent to epi patches.										
8.66	15.85	Mottled gry-grn CT with 10% chl as patches & xtals, 5% chl in matrix; 85% qtz, highly sil matrix as 2.13-4.25 m;	609189	8.28	9.28	1.00	0.018	0.1	37	919	5	29
		1-2 mm qtz-carb vns & qtz-carb-hem vns with sulf @ 50 deg to CA; minor bx vns.	609190	9.28	10.28	1.00	0.013	0.1	30	441	8	21
			609191	10.28	11.28	1.00	0.017	0.1	46	1555	10	25
			609192	11.28	12.28	1.00	0.001	0.1	30	70	3	19
		8.69: hem-qtz-carb stringers to 3 mm @ 40 deg to CA with 30% red hem, 10% cpy.	609193	12.28	13.28	1.00	0.008	0.1	18	50	8	24
			609194	13.28	14.28	1.00	0.013	0.1	16	225	3	27
		8.79-8.90: multiple hem stringers 1 mm wide @ 40 deg to CA; massive granular patches py up to 1 cm wide.	599561	14.28	15.50	1.22	0.001	0.1	6	21	5	29
		9.70-9.75: 3 stringers of py & cpy 1 mm @ 55-90 deg.										
		9.75-10.27: area of 30% qtz xtals up to 3 mm.										
		10.27-10.52: locally 5% cpy, 3-4% py; cpy & py as patches assoc with 20-30% hem-qtz-carb anastomosing vns; on one side of core suggests drilling down unit.										
		10.52-11.28: 4% py & tr cpy in narrow 1 mm subparallel vns @ 15 deg to CA.										
		11.10-11.22: 10% qtz-carb with minor hem as irreg vns										

HOLE No: NEXT401

# Geofine Exploration Consultants Ltd.

## DIAMOND DRILL LOG

PROPERTY: TODD CREEK  
HOLE No.: NEXT401

Page 3

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS					
							Au ppm	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
		@ 5-25 deg to CA.										
		13.98: 5 mm qtz-carb stringer with 3-4% cpy & 2% py and hem along the lower vn margin @ 30 deg to CA.										
		14.02-14.25: 4, 2 mm qtz-carb stringers @ 30-75 deg to CA; hem & tr cpy on vn margins.										
		15.30-15.38: 3, 1 mm qtz-carb stringers @ 40 deg to CA. gradational contact.										
15.85	23.23	Mottled grn-gry CT as 4.25-8.66 m; 15% chl, rnd to ang chl frags to 1.5 cm more distinct; wk carb; up to 2-3% diss & euhed py; 0.5 mm qtz-carb vns @ 60 deg to CA.	599562	15.50	16.80	1.30	0.001	0.1	7	10	2	29
		19.30-19.80: chl vns @ 5 deg to CA.	599563	16.80	17.80	1.00	0.001	0.1	22	38	1	29
		19.70-19.80: specs of native Cu to 1% in vugs & as diss with chl patches.	599564	17.80	18.80	1.00	0.001	0.1	8	5	4	28
		21.80-23.23: 2-3% euhed & patchy py, locally to 4% py.	599565	18.80	19.80	1.00	0.001	0.1	18	132	1	37
			599566	19.80	20.80	1.00	0.001	0.1	15	48	2	34
			599567	20.80	21.80	1.00	0.001	0.1	11	16	6	37
			609195	21.80	22.80	1.00	0.010	0.1	23	253	11	32
23.23	23.80	sil CT, with qtz-carb vns up to 3 mm @ 15 deg to CA; blebs & patches cpy up to 7% locally, 2-3% py in vns & diss; 2 mm dk hem sil vns @ 10 deg to CA; 25 cm prominent sulf vn down core.	609196	22.80	23.80	1.00	0.008	0.5	32	1610	20	35
23.80	33.50	Mottled grn-gry CT, as 15.85-23.23 m; 2% py, locally up to 3-4% diss py.	609197	23.80	24.80	1.00	0.001	0.1	26	31	7	35
		25.30-25.33: 5 mm qtz-carb stringers @ 60 deg to CA	609198	24.80	25.80	1.00	0.001	0.1	16	669	3	40
			609199	25.80	26.80	1.00	0.001	0.1	20	68	7	33

HOLE No: NEXT401

# Geofine Exploration Consultants Ltd.

## DIAMOND DRILL LOG

PROPERTY: TODD CREEK  
HOLE No.: NEXT401

Page 4

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS					
							Au ppm	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
		with 2% cpy & 3% py rimming.	599551	28.00	29.00	1.00	0.010	0.1	7	206	8	34
		26.52-26.80: py up to 5% as patches & diss.	599552	30.50	31.50	1.00	0.005	0.1	30	14	7	22
		26.67: 6 mm chl-carb vn @ 35 deg to CA.										
		26.76-26.80: fault gouge @ 65 deg to CA.										
		28.0-28.3: several wispy stringers up to 3 mm of py & po @ 35 deg to CA; 4-5% po locally, blebby py.										
		28.13: 3 mm qtz-carb stringer with cpy @ 40 deg to CA; 1 mm cpy seam on lower stringer margin.										
		30.50-31.50: mm scale ladder vns of qtz-carb & dk sil vns with tr py, tr cpy @ 160 deg to CA.										
		30.56-33.50: increased qtz-carb vns up to 1.2 mm with tr py, tr cpy & pk carb; dk gry sil vns up to 2 cm @ 10 deg to CA with up to 1% py; 0.5 mm qtz-carb vns @ 20 deg to CA.										
33.50	49.90	Mottled grn-gry to gry-grn; 1-3% vns; locally up to 2% diss py.	599553	47.85	48.85	1.00	0.007	0.1	28	177	13	34
		35.48: 2 mm chl stringer @ 25 deg to CA; local cpy patches & po on margins.										
		36.07-38.40: abundant qtz xtals to 3 mm, locally 30% with up to 5% fuch; tr sulf.										
		36.6-37.3: <1% hem xtals to 1 mm.										
		39.0-39.60: chl slips parallel to CA; 4 cm dk silica vn with 2 cm offset @ 130 deg to CA.										

HOLE No: NEXT401

# Geofine Expioration Consultants Ltd.

## DIAMOND DRILL LOG

PROPERTY: TODD CREEK  
HOLE No.: NEXT401

Page 5

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS					
							Au ppm	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
		41.6-48.7: increased qtz-carb vns to stwk, up to 1.1 cm @ 30-50 deg to CA; mod carb; <1% sulf.										
		47.50-47.85: fault as massive 1.5 cm chl slip @ 175 deg to CA; minor gouge.										
		48.0-48.70: up to 2% euhed & fi diss py, tr po.										
		49.6-50.15: chl slip almost down core, slickenslides.										
49.90	63.95	Hem Chl CT hematized, more red as tr to 3-4% diss 1 mm hem xtals in matrix, hem typically 1-2%; tr py to locally 1%, py decreases as hem increases; qtz-carb vns up to 8 cm, typically 0.5 mm to 1 cm; up to 10% chl in qtz vns, & as chl vns & slips to 2 mm; up to 5% rnd to oblong 1-4 mm fuch xtals. 50.08: 7 mm qtz-carb vn @ 25 deg to CA. 50.62: 2 mm qtz-carb vn @ 35 deg to CA. 50.69: 2 mm qtz-carb vn @ 15 deg to CA. 51.24: 9 mm qtz-carb vn @ 120 deg to CA. 51.3-51.5: 2 mm chl slip @ 15 deg to CA. 51.98-52.23: 4 chl-carb vns 2-4 mm @ 110-115 deg to CA; well defined margins; tr py. 52.68: 6 mm qtz-chl vn @ 55 deg to CA. 53.95-54.72: 1-3 mm qtz-carb vns @ 30-50 deg to CA. 54.72-54.83: qtz-carb-chl vn @ 50 deg to CA.	599554	51.00	52.00	1.00	0.001	0.1	1	29	2	30

HOLE No: NEXT401

# Geofine Exploration Consultants Ltd.

## DIAMOND DRILL LOG

PROPERTY: TODD CREEK  
HOLE No.: NEXT401

Page 6

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS					
							Au ppm	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
		54.83-55.60: 0.5 mm-1.5 cm vns, some with chl @ 15-50 deg to CA.										
		55.70-55.73: qtz-carb-chl vn @ 40 deg to CA.										
		56.65-56.95: chl slip @ 10 deg to CA, slickenslides.										
		57.0: vning weakening.										
		57.28: 2 mm well hem fract @ 35 deg to CA.										
		59.5: 0.5-3 mm qtz-carb sub parallel vns @ 40-50 deg to CA.										
		60.2-60.45: 30% qtz xtals to 2 mm; 2 mm hem xtals.										
63.95	66.60	Mottled gry-grn CT; no hem, tr-1% fuch; 15% chl mostly as patches & stringers often assoc with qtz-carb; up to 1% py.										
		65.5-67.8: qtz-carb-chl vns to 2.5 cm @ 140-150 deg to CA; chl also patchy up to 25% locally.										
		65.8-65.9: 3 cm bx chl-qtz vn, @ 45 deg to CA; 35% chl with bx qtz, chl matrix with up to 1% fi diss py.										
		LC @ 35 deg to CA.										
66.60	70.75	Fault Zone; 30% chl as numerous chl slips, slickenslides; broken core.	599555	66.50	67.50	1.00	0.007	0.1	1	252	7	34
		66.63-66.70: chl with slickenslides & gouge.	599556	69.00	70.00	1.00	0.005	0.1	7	40	4	57
		67.0-67.3: cpy blebs to 3 mm, 5-7% diss py; lineation @ 15 deg in fract.										
		68.45: qtz-carb stringers @ 20 & 120 deg to CA.										

HOLE No: NEXT401

# Geofine Exploration Consultants Ltd.

## DIAMOND DRILL LOG

PROPERTY: TODD CREEK  
HOLE No.: NEXT401

Page 7

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS					
							Au ppm	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
		69.2-69.5: 1-2% hem; mod sil; tr sulf.										
		69.7-70.0: fault gouge; mod sil, 1.5 cm										
		vn 69.85 m 45 deg to CA.										
		69.85: 1.5 cm gouge vn @ 45 deg to CA.										
		70.4-70.70: fault gouge; mod sil;										
		LC @ 40 deg to CA.										
70.75	79.05	Chl, Mottled Grn-Gry CT	599557	71.10	72.10	1.00	0.005	0.1	1	335	8	40
		up to 30% chl in matrix; 60% sil; up to	599558	72.10	73.20	1.10	0.008	0.1	12	665	10	31
		2% fuch; 1-2% sulf mostly diss py & as wispy vns, blebs cpy;	599559	73.20	74.20	1.00	0.005	0.1	33	93	6	34
		local irrid blue, purple & yellows Cu? mineral, Bo?	599560	74.20	75.20	1.00	0.005	0.1	21	59	1	33
		up to 20% chl as 1 cm patches & vns & in qtz-carb-chl vns,										
		chl also as ladder vning; also qtz-carb vns.										
		70.95: 5 mm chl-qtz stringer with 50% chl @ 30 deg to CA.										
		70.60-70.75: 5 mm irreg qtz-carb-chl stringer										
		@ 160-175 deg to CA.										
		71.1-71.3: wispy py vns up to 3 mm @ 30 deg to CA										
		assoc with chl phase of qtz carb; 4% sulfs, mostly py,										
		tr cpy, irrid Cu? mineral.										
		71.23: 1 cm qtz-carb-chl vn with 15% chl @ 45 deg to CA,										
		tr py, tr cpy; gradational contact.										
		72.16-73.2: 4-5% sulf, mostly py as wispy stringers										
		to 3 mm @ 5 deg to CA & as diss py, tr cpy.										
		72.34-72.46: 4 cm qtz-carb-chl vn @ 40 deg to CA										

HOLE No: NEXT401

# Geofine Exploration Consultants Ltd.

## DIAMOND DRILL LOG

PROPERTY: TODD CREEK  
HOLE No.: NEXT401

Page 8

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS					
							Au ppm	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
		with 20% chl; 2-3% py; 3 1 mm blebs cpy; chl slickenslides on LC. 73.32: qtz-carb vns up to 5mm @ 45-70 deg to CA; qtz-carb 0.5 mm vns @ 15 deg to CA.										
79.05	94.70	Sil CT, 3-4% sulfs increasing to 5-7% sulfs by about 94 m, wispy stringers & diss of sulf most as py & diss, cpy blebs; sulf vns @ 5-15 deg and 40-70 deg to CA; minor fuch xtals; tr hem.	609102	79.00	80.00	1.00	0.016	0.1	5	150	8	31
			609103	80.00	81.00	1.00	0.033	0.1	25	1640	7	31
			609104	81.00	82.00	1.00	0.008	0.1	21	209	20	40
			609105	82.00	83.00	1.00	0.011	0.1	23	410	12	35
			609106	83.00	84.00	1.00	0.006	0.1	6	31	9	36
		79.05-81.9: 5% qtz-carb vns up to 1.5 cm and 10% chl.	609107	84.00	85.00	1.00	0.009	0.1	30	1780	15	36
		81.58-81.60: 1.5 cm qtz-carb vn @ 110 deg to CA; 10% chl.	609108	85.00	86.00	1.00	0.005	0.1	17	575	9	34
		81.90: 0.5 mm qtz-carb vns @ 110-130 deg to CA.	609109	86.00	87.00	1.00	0.007	0.1	7	434	5	27
		87.10: 2 mm py stringer assoc with chl slip @ 5 deg to CA.	609110	87.00	88.00	1.00	0.017	0.1	20	1515	9	23
		89.95-90.01: py stringers forming net text @ 55 deg to CA; LC sharp @ 140 deg to CA.	609111	88.00	89.00	1.00	0.008	0.1	10	167	3	27
			609112	89.00	90.00	1.00	0.014	0.1	20	1105	8	31
			609113	90.00	91.00	1.00	0.008	0.1	7	240	8	28
		NEXT ZONE STRATIGRAPHY; 94.70-130.90 m	609114	91.00	92.00	1.00	0.015	0.1	10	1395	9	29
		Multiphase NEXT Bx Vns c/w qtz, hem, sulfs with tr-10% py, cpy; mod-str crackled, sulf, sil CT with silica cement, wk-mod fuch, variable hem, 2-3% py; mod-well sil, sulf CT.	609116	92.00	93.00	1.00	0.007	0.1	12	41	8	23
			609117	93.00	94.00	1.00	0.007	0.1	16	56	8	21
			609118	94.00	94.70	0.70	0.023	0.1	24	226	6	31
94.70	94.91	NEXT Bx Vn	609119	94.70	94.91	0.21	7.280	3.9	529	7640	68	254

HOLE No: NEXT401

# Geofine Exploration Consultants Ltd.

## DIAMOND DRILL LOG

PROPERTY: TODD CREEK  
HOLE No.: NEXT401

Page 9

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS					
							Au ppm	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
		dk gry matrix; 75% wh & grn sil, 5-7% ang wh feld frags, 5-7% rnd carb xtals; up to 15% sulf, py 10-12%, 3-4% cpy as 3 mm blebs; ang vol frags; 80% sil, 2-3% fuch, 5% carb, 7% distinct wh ang feld? frags; LC sharp @ 140 deg to CA.										
94.91	107.70	Highly Sil, Sulf CT as 79.05 to 94.70 m; 2-3% fuch (increasing), 7% chl (decreasing); 2-3% sulfs.	609120	94.91	96.00	1.09	0.080	0.1	7	376	10	30
			609121	96.00	97.00	1.00	0.020	0.1	12	136	10	22
			609122	97.00	98.00	1.00	0.007	0.1	22	49	13	18
			609123	98.00	99.00	1.00	0.001	0.1	7	25	14	12
		100.80: 1 mm qtz-carb vn @ 40 deg to CA & 1 mm vn @ 5 deg to CA; tr cpy, 5% py; tr irrid mineral, bornite?	609124	99.00	100.00	1.00	0.009	0.1	58	69	11	16
		102.57-102.72: qtz-carb-chl vn @ 150 deg to CA; 10% chl; tr-1% py with chl as patches & diss.	609125	100.00	101.00	1.00	0.011	0.1	35	229	23	19
			609126	101.00	102.00	1.00	0.016	0.1	68	53	8	20
			609127	102.00	103.00	1.00	0.029	0.5	49	336	9	17
			609128	103.00	104.00	1.00	0.027	0.1	54	176	11	20
		102.89-103.5: mod crackled CT with 0.5 mm conj fracta @ 150 & 50 deg to CA;	609129	104.00	105.00	1.00	0.025	0.1	36	184	10	17
		locally to 7% fuch; sulfs 2-3% (diss py & patches), tr cpy as blebs.	609131	105.00	106.00	1.00	0.010	0.1	26	49	6	7
			609132	106.00	107.00	1.00	0.032	0.5	36	315	16	16
			609133	107.00	107.70	0.70	0.319	1.0	58	568	12	15
		103.5-107.70: wk crackled CT as at 94.7-94.91 m; with patches & diss of sulf, 2-3% py, tr cpy. 104.70-105.56: wh amorphous qtz vn with inclusions of CT; fract @ 35-45 deg to CA;										

HOLE No: NEXT401



# Geofine Exploration Consultants Ltd.

## DIAMOND DRILL LOG

PROPERTY: TODD CREEK  
HOLE No.: NEXT401

Page 10

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS					
							Au ppm	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
		UC 30 deg to CA, LC sharp 20 deg to CA. 105.56-107.70: as 79.05-94.70 m. 5% fuch; 3% chl; 3-5% sulfs; vns 4-5 mm 12-30 deg to CA; LC broken 35 deg to CA.										
107.70	108.0	NEXT Bx Vn 15% sulfs (py 12%, cpy 3%) as patches, diss & blebs; tr hemd qtz, qtz vugs with sulf up to 5 mm; dk gry, amorphous silica, co with frags to 4 cm; LC sharp @ 35 deg to CA.	609134	107.70	108.00	0.30	8.040	3.5	501	7280	23	36
108.0	111.80	Sil, Sulf CT. 5% fuch; 2% chl, 3-5% diss py & minor patches; tr cpy, tr hem. 109.75-109.80: 30% py in 2 cm chl patch. 109.8-109.92: str crackled bx vn with 15% qtz matrix; 7-8% sulfs (py, tr cpy); diss in the crackled CT; conj fract set @ 35 & 145 deg to CA. 109.92-110.0: 12% sulfs, py as patches & diss. 110.2-111.80: mod fract, 0.5 mm fract with qtz, chl & minor carb; 5% sulfs, diss py & in fract, tr cpy; 5% fuch. 111.5-111.75: 6 mm qtz carb vn @ 15 deg to CA; tr py.	609135 609136 609137	108.00 109.00 110.00	109.00 110.00 111.00	1.00 1.00 1.00	0.029 0.038 0.022	0.1 0.1 0.1	30 93 34	423 782 417	10 16 8	9 14 7

HOLE No: NEXT401

# Geofine Exploration Consultants Ltd.

## DIAMOND DRILL LOG

PROPERTY: TODD CREEK  
HOLE No.: NEXT401

Page 11

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS					
							Au ppm	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
111.80	112.40	Sulf, Mod Crackled CT with 1 mm fract filled with hem stained qtz-carb, py & cpy; locally 2-3% cpy with hem in vns; overall 5% py & 0.5-1% cpy; irreg qtz-carb bx vn to 5 mm with bleby cpy & on margins, fi diss py.	609138	111.00	112.00	1.00	0.022	0.1	92	1230	9	6
112.4	114.98	Sil, Sulf CT with fract to 0.5 mm; fract fillings of qtz, minor carb; 1-2% diss py; minor 0.5 mm fract with py. 114.95: 1-2 mm fract @ 60 deg to CA with 2% cpy. LC sharp @ 80 deg to CA with cpy on LC.	609139	112.00	113.00	1.00	0.017	0.1	112	1765	13	7
			609140	113.00	114.00	1.00	0.012	0.1	29	336	6	11
			609141	114.00	114.98	0.98	0.024	0.1	36	636	11	14
114.98	115.11	NEXT Bx Vn, intensely bx; highly sil, dk gry matrix; 15-17% sulfs; 12-13% diss py & py patches, 4-5% cpy blebs up to 0.5 cm, also in fract's up to 1 mm wide @ 30 deg to CA; tr hem; LC @ 80 deg to CA.	609142	114.98	115.11	0.13	21.600	5.3	757	23400	70	44
115.11	117.20	Sulf, Wk-Mod Crackled CT, wk-mod fract, 1-2 mm fract's with qtz & sulfs; sulfs & fract increasing down section; up to 3-4% sulfs. 115.90-116.60: mod-str crackled CT; 5% sulf in crackles as fi-0.5 mm blebs cpy & py and diss; 1% fuch patches.	609143	115.11	116.00	0.89	0.060	0.1	23	552	7	11
			609144	116.00	117.00	1.00	0.063	0.6	64	2440	14	6

HOLE No: NEXT401

# Geofine Exploration Consultants Ltd.

## DIAMOND DRILL LOG

PROPERTY: TODD CREEK  
HOLE No.: NEXT401

Page 12

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS					
							Au ppm	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
117.20	117.76	Sulf, Mod Crackled CT; 3% cpy; dk gry, extremely sil, no mottling; 3% co cpy as patches & in 2 mm vns/stringers giving lineation @ 25 deg to CA; 3% diss py; 5% qtz stringers 1-3 mm @ 30 deg to CA; minor qtz-hem staining; LC sharp @ 40 deg to CA.										
117.76	118.70	Sil, Sulf, Co CT, 2-3% sulfs as diss py & some patches; minor fuch.	609146	117.00	118.00	1.00	0.337	1.8	170	7490	26	15
			609147	118.00	118.70	0.70	0.477	0.7	56	1355	9	27
118.70	120.19	NEXT Bx Vn, intensely bx & sulf; 8% sulfs, locally to 15%, 5% py as fi diss & minor patches, 3% cpy as blebs up to 5 mm; hem rimming sil frags & as minor bx frags; dk gry sil matrix, blk bx frags to 1.5 cm; mod fract to 0.5 mm with qtz @ 130 deg to CA; LC sharp @ 130 deg to CA. UC very broken. 119.47-119.54: fault gouge, dk gry, mud recovered. 119.80-120.19: includes 10% hem frags up to 1.5 cm.	609148	118.70	119.60	0.90	4.440	5.1	679	7860	70	24
120.19	120.80	Sil, Sulf CT as 117.76 to 118.70 m. fi, highly sil; 1% fuch, 2-3% chl; LC sharp @ 155 deg to CA.	609149	119.60	120.20	0.60	3.800	3.9	146	11200	28	33
			609150	120.20	120.80	0.60	0.054	0.1	190	132	10	13
120.80	122.00	NEXT Bx Vn hem bx vn; 15-17% hem; 7% sulf, 10% locally	609151	120.80	122.00	1.20	1.550	3.2	631	4890	67	42

HOLE No: NEXT401

# Geofine Exploration Consultants Ltd.

## DIAMOND DRILL LOG

PROPERTY: TODD CREEK  
HOLE No.: NEXT401

Page 13

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS					
							Au ppm	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
		as 5% py, 3-4% cpy as blebs and on fract & with hem; intensely multiphase bx with net text of hem & sulfs; 5% chl. 121.28: 1 cm cpy-py vn @ 70 deg to CA. 121.47: 1.1 cm py-cpy vn (70% py, 30% cpy) @ 35 deg to CA. 121.55-122.0: up to 5-10% chl, 2-3% sulfs, minor hem; LC sharp with hem @ 145 deg to CA.										
122.0	128.0	Chl, sil Sulf CT, 1% fuch, 4-5% chl locally to 10% diss py assoc with chl; 2-5 mm qtz-carb vns @ 35 deg to CA; minor hem on margins. 123.3-123.4: 2, 0.5 mm-1 cm qtz vns @ 35 & 50 deg to CA, both with cpy up to 10%; 3% hem as blebs to 1 cm. 124.0-124.7: up to 10% qtz xtals. 127.1-128.0: 10% chl; 10-12% sulfs as py assoc with chl & in vns @ 20 deg to CA; 2-3 mm cpy blebs in qtz stringers, with py; up to 2-3% cpy locally; minor ladder vns; wk fract.	609152	122.00	123.00	1.00	0.041	0.6	114	80	19	38
			609153	123.00	124.00	1.00	0.033	0.5	45	1050	16	34
			609154	124.00	125.00	1.00	0.069	0.1	63	853	22	35
			609155	125.00	126.00	1.00	0.071	0.1	127	102	26	22
			609156	126.00	127.00	1.00	0.041	0.8	121	33	62	29
			609157	127.00	128.00	1.00	0.031	1.1	146	714	66	19
128.0	129.0	NEXT Bx Vn; as 120.80 to 122.0 m. hem-qtz bx vn; cpy to 10% locally; 10 x 3 mm interstitial patches cpy; 8-9% hem as patches in qtz vn and rimming qtz frags; sulf in net texture with gry & wh qtz as patches & frags; LC sharp @ 35 deg to CA.	609158	128.00	129.00	1.00	0.187	2.0	774	2340	59	30

HOLE No: NEXT401

# Geofine Exploration Consultants Ltd.

## DIAMOND DRILL LOG

PROPERTY: TODD CREEK  
HOLE No.: NEXT401

Page 14

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS					
							Au ppm	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
129.0	130.9	NEXT Bx Vn	609159	129.00	130.00	1.00	0.019	1.9	120	178	75	22
		gry-grn, v fi, intensely sil, shattered; 7% qtz vns as matrix for up to 2 cm bx frags; 3-5% diss py & on fract; narrow stringers of brn sooty py, tr cpy; qtz xtals up to 30%, locally 15% chl with up to 10% py locally; minor fuch xtals; fract @ 55 deg to CA.	609161	130.00	130.90	0.90	0.019	0.8	100	77	46	25
		ALT CT: HANGING WALL ROCKS; lt gry; well sil; 12-15% sulfs as euhed py & 1-2 mm brn, sooty py stringers; net text of sulfs; 5-10% chl as interstitial & narrow stringers & patches & with sooty py.										
130.9	138.35	Co Chl Matrix Bx	609162	130.90	132.00	1.10	0.014	0.6	118	20	42	18
		wk crackled, minor vns;	609163	132.00	133.00	1.00	0.008	0.1	121	19	34	14
		very co chl matrix bx with chl-sulf patches; 4-5% sulfs, up to 10-12% py diss & rimming chl patches up to 5 cm;	609164	133.00	134.00	1.00	0.009	0.1	104	88	36	20
		tr cpy, tr hem rimming qtz xtals & vns; 2-5 mm qtz vns & minor fract; up to 1% fuch xtals; 2 mm sulf-chl vns &	609165	134.00	135.00	1.00	0.008	0.1	117	15	29	11
		patches rimming up to 5 cm bx frags; euhed py in frags.	609166	135.00	136.00	1.00	0.011	0.1	132	18	23	10
		136.5-136.8: 10% sulfs in vns @ 60 deg to CA; tr cpy; tr hem; py as euhed & sooty & as near massive patches; 15% chl; locally crackled with qtz rimming; locally net text	609167	136.00	137.00	1.00	0.007	0.1	98	31	25	19
			609168	137.00	138.35	1.35	0.005	0.1	64	102	16	12

HOLE No: NEXT401

# Geofine Exploration Consultants Ltd.

## DIAMOND DRILL LOG

PROPERTY: TODD CREEK  
HOLE No.: NEXT401

Page 15

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS					
							Au ppm	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
		of sulf around CT frags; LC sharp @ 40 deg to CA.										
138.35	146.70	Well Vn, Sulf CT	609169	138.35	139.35	1.00	0.007	0.1	128	36	14	7
		lt gry; multiple qtz vns up to 1 cm	609170	139.35	140.35	1.00	0.016	0.1	234	70	18	8
		with minor carb, ave 5 mm; minor py-chl vns with	609171	140.35	141.35	1.00	0.014	0.1	125	88	13	10
		euhed & sooty (brn) py in up to 2 mm vns @ 120-	609172	141.35	142.35	1.00	0.013	0.1	124	621	14	11
		130 deg to CA; locally up to 1-2% cpy blebs in qtz vns,	609173	142.35	143.50	1.15	0.005	0.1	60	168	12	8
		3-4% diss euhed py tr hem in vns & matrix.	609174	143.50	144.70	1.20	0.001	0.1	43	52	9	7
		142.10-142.30: 1-2% cpy increasing in qtz vn @ 30 deg to CA.	609176	144.70	145.70	1.00	0.007	0.1	47	27	28	15
			609177	145.70	146.70	1.00	0.001	0.1	46	22	22	18
146.70	154.53	Chl, Sulf CT, Lg Frag Bx Vn;	609178	146.70	147.70	1.00	0.001	0.1	39	46	11	8
		wider bx vns with decreasing size and num	609179	147.70	148.70	1.00	0.005	0.1	81	310	23	12
		of frags; comp: 10-12% chl as bx vns & with sulfs; 7-8% sulfs	609180	148.70	149.70	1.00	0.001	0.1	40	14	14	10
		as sooty & euhed py; tr hem; 1-2% fuch as xtals up to 5 mm;	609181	149.70	150.50	0.80	0.001	0.1	43	12	14	10
		net text around frags & in larger vns; well chl, sulf,	609182	150.50	151.50	1.00	0.001	0.1	50	14	17	19
		& sil CT; mod fract as anastomosing and fract	609183	151.50	152.50	1.00	0.001	0.1	37	11	13	11
		radiating off chl-qtz patches; chl patches, chl-sulf vns &	609184	152.50	153.50	1.00	0.001	0.1	37	7	10	9
		sulf-chl vns to 25 cm; brn sooty py and co euhed py	609185	153.50	154.53	1.03	0.001	0.1	34	8	30	13
		forming vns and net text around chl patches and										
		as patches; tr hem.										
		148.34-148.6: bleby cpy up to 2-3% in more sil &										
		chl mat; chl as patches & vns & as chl bx vns; 3-4%										
		euhed & sooty py; 3 mm qtz vn @ 40 deg to CA;										

HOLE No: NEXT401

# Geofine Exploration Consultants Ltd.

## DIAMOND DRILL LOG

PROPERTY: TODD CREEK  
HOLE No.: NEXT401

Page 16

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS					
							Au ppm	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
		2 mm qtz vn with cpy blebs @ 120 deg to CA.										
		150.5-150.8: dk grn chl-sulf bx vn; UC @ 150 deg to CA; LC @ 140 deg to CA; 30% qtz xtals 1-4 mm; 20% chl; sulfs up to 10% of euhed & sooty py forming net text around frags; 2% fuch.										
		151.1-151.2: 8 cm dk grn chl-sulf bx vn as 150.50-150.80 m.										
		151.95-152.13: 20 cm dk grn chl-sulf bx vn as 150.50-150.80 m.										
		153.16-153.33: sil frag contains 3 chl-sulf vns up to 4 mm @ 55 deg to CA; euhed py 7-8%; tr cpy; no fuch; UC @ 50 deg to CA.LC shattered.										
		153.8-154.53: more sil; 1-2% fuch xtals; chl-sulf rimming frags, minor net text.										
		153.8-153.9: 2 cm sulf-chl vn @ 15 deg to CA; 15% sulfs, mostly euhed & sooty py, tr cpy; chl slips with up to 15% sooty py.										
154.53	154.53	E.O.H.										
		36 core boxes; 100.4% recovery										

HOLE No: NEXT401

# Geofine Exploration Consultants Ltd.

## DIAMOND DRILL LOG

PROPERTY: TODD CREEK  
HOLE No.: NEXT401

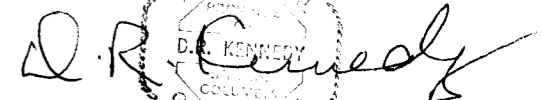
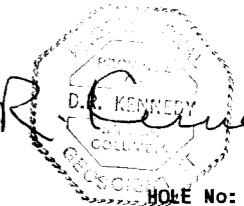
Page 17

---

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS				
							Au ppm	Ag ppm	As ppm	Cu ppm	Pb ppm

### DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
60.05	-28.50	280.00
154.53	-26.10	280.00

  
  
HOLE No: NEXT401



DDHSZD04-01

## - BORSURV SUMMARY LITHO LOG-

PROPERTY: TODD CREEK  
 HOLE NO: SZD04-01  
 COLLAR LOCATION: 10115N, 9934E  
 ELEVATION: 1135 m

## SUMMARY

FROM (m)	TO (m)	LITHOLOGICAL UNIT
0.00	3.50	OVERBURDEN
3.50	91.90	ALT CT: HANGING WALL ROCKS
	3.50	8.92 Lt Gry-Grn CT
	8.92	35.26 Purple-Brn CT
	35.26	44.85 Lt Grn CT
	44.85	45.37 Ser-Chl Schist
	45.37	48.82 Lt Grn CT
	48.82	52.07 Red-Brn Purple CT
	52.07	54.86 Fault Zone
	54.86	56.74 Red-Brn Purple CT
	56.74	74.33 Banded Red-Purple CT
	74.33	74.77 Qtz Carb Bx Vn
	74.77	86.45 Wk Crackle & Red-Purple CT
	86.45	86.72 Qtz-Ank Bx Vn
	86.72	91.90 Banded Red-Purple CT
91.90	115.45	SOUTH ZONE DEPOSIT STRATIGRAPHY
	91.90	96.86 Mod-Str Crackle CT
	96.86	96.94 Sulf Matrix Gry Qtz Bx Vn
	96.94	99.46 Mod Crackle CT
	99.46	102.77 Sulf Matrix Gry Qtz Bx Vn

102.77	105.97	Sulf Matrix Crackle CT
105.97	107.42	Hem Crackle/Shattered CT
107.42	115.45	Mod Crackle CT

115.45 125.0 ALT PURPLE-BRN CT: FOOTWALL ROCKS

125.0 125.0 E.O.H.

Property: TODD CREEK PROPERTY  
Hole: SZD04-01 (9934E, 10115N)  
Drilled: JULY 18-21/04

**DRILL CORE RECOVERY BY RUN & ACID TEST RESULTS**

<b>From - To (Ft)</b>	<b>Actual (Ft)</b>	<b>Recovery (%)</b>	<b>From - To (Ft)</b>	<b>Actual (Ft)</b>	<b>Recovery (%)</b>	<b>From - To (Ft)</b>	<b>Actual (Ft)</b>	<b>Recovery (%)</b>
11'6 - 20	8.8'	104.76%	150 - 160	10'	100.00%	280 - 290	9'9	97.50%
20 - 30	9'11	99.20%	160 - 170	10'1	101.80%	290 - 300	9'11	99.20%
30 - 40	9'7	95.80%	170 - 180	10'1	101.80%	300 - 310	10'	100.00%
40 - 50	10'	100.00%	180 - 190	10'4	103.30%	310 - 320	10'3	102.50%
50 - 60	10'	100.00%	190 - 200	10'5	104.20%	320 - 330	10'1	101.67%
60 - 70	10'2	101.67%	200 - 210	9'10	98.30%	330 - 340	10'2	101.67%
70 - 80	10'	100.00%	210 - 220	10'	100.00%	340 - 350	9'11	99.20%
80 - 90	9'7	98.50%	220 - 230	10'	100.00%	350 - 360	9'11 1/2	99.60%
90 - 100	10'7	105.80%	230 - 240	10'	100.00%	360 - 370	9'10	98.30%
100 - 110	10'2	101.67%	240 - 250	9'10	98.30%	370 - 380	9'11	99.20%
110 - 120	10'2	101.67%	250 - 260	10'	100.00%	380 - 390	10'4	103.30%
120 - 130	10'	100.00%	260 - 270	10'1	101.80%	390 - 400	9'11	99.20%
130 - 140	10'1	100.80%	270 - 280	10'2	101.67%	400 - 409	8'11	89.20%
140 - 150	10'1	100.80%						

**OVERALL RECOVERY AVERAGE= 100.32%**

**ACID TESTS**

<b>TEST</b>	<b>HOLE DEPTH</b>	<b>ACTUAL READING (DEG)</b>	<b>CORR READING (DEG)</b>
1	67.06 m	65°	58°
2	121.95 m	63°	56°

# Geofine Exploration Consultants Ltd.

## DIAMOND DRILL LOG

PROPERTY: TODD CREEK

HOLE No.: SZD401

Collar Eastings: 9934.00

Collar Northings: 10115.00

Collar Elevation: 1135.00

Grid: NOR BL @ 10 DEG

Drill Az: 100 deg.

Collar Inclination: -60.00

Grid Bearing: 100.00

Final Depth: 125.00 metres

Target SZD Qtz Bx Vns; Claim: Todd 13

Aggressive Drilling BQTW; Casing 3.5 m

Logged by: D Kennedy

Date: July 18-21/04

Down-hole Survey: Acid Test

Core Recov: 100.32%

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS					
							Au ppm	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
0.0	3.5	OVERBURDEN casing through boulders.										
		ALT CT: HANGING WALL ROCKS 3.50-91.90 m lt gry-grn to purple, purple increasing down section; mod-well sil, 50-70% sil; 10-20% feld; 5-15% chl; 2-5% fuch stringers with blu-gry qtz & sulfs; diss spec to 3%, locally red banding of purple unit due to hem in matrix.										
3.50	8.92	Lt Gry-Grn CT lt gry grn; med gr, mod sil with 65% qtz xtals to 1 cm; 15-20% lath-like feld xtals 1-3 mm; 10% chl as interstitial xtals up to 3 mm and on fracta; 2-3% fuch up to 3 mm; up to 1% fi diss spec; tr euhed py; tr hem; locally up to 5% epi; minor carb on wk-str fracta; a number of fracta @ 30 deg to CA often with chl; locally acid leached around fracta to intense brn-orge;										

HOLE No: SZD401

# Geofine Exploration Consultants Ltd.

## DIAMOND DRILL LOG

PROPERTY: TODD CREEK  
HOLE No.: SZD401

Page 2

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS									
							Au ppm	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm				
		feld xtals left as lim patches.														
		3.60-4.08: rusty (acid leached) orge-brn with 1 mm chl fracts @ 80 & 120 deg to CA.														
		4.50-4.70: rusty fracts as net text around frags of grn host.														
		4.95-5.56: intensely crackled CT; acid leached causing a yel-orge-rusty colour; 10% lt cream qtz as late stage fract filling shattered rock; chl up to 15%, tr-1% spec; UC 70 deg to CA; LC 70 deg to CA.														
		5.04-5.10: tr spec on 1-2 mm chl seams & interstitial;														
		5.60-5.90: lt grn, numerous 1 mm qtz filled fract @ 30 deg to CA; 5 fracts per cm.														
		5.9-8.92: alternating bands of acid leached and fresh CT; LC @ 50 deg to CA.														
		7.8-8.12: crackle bx as at 4.95-5.56 m.														
8.92	35.26	Purple-Brn CT purple to reddish brn; well sil, fi amorph sil purple or brn qtz; dk gry qtz xtals in matrix, qtz frags to 1cm; 65% qtz, 20% more rnd feld xtals; 10% interstitial chl; 3-4 fuch locally up to 5-7% as xtals up to 4 mm; 1% carb in fracts; 1% diss spec; locally tr- 2% sulfs; mod 0.5-2 mm carb filled fract @ 30 deg to CA; 0.5 mm late stage carb stringers; very discrete rusty sections around fracts from 4-20 cm.														

HOLE No: SZD401

# Geofine Exploration Consultants Ltd.

## DIAMOND DRILL LOG

PROPERTY: TODD CREEK  
HOLE No.: SZD401

Page 3

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS				
							Au ppm	Ag ppm	As ppm	Cu ppm	Pb ppm
		12.85-14.15: intense late stage fracturing filled with 0.5 mm qtz-carb stringers up to 2 mm 40 deg to CA, minor 20 deg with fi diss spec.									
		19.08-19.30: wkly crackled.									
		19.5-20.05: more brn qtz than purple.									
		21.1-21.13: 2 cm qtz-carb vn @ 110 deg to CA with massive spec on the margins, locally up to 10% of vn; minor hem on fract & frags.									
		24.95-26.3: str fract, wk-mod crackled purple CT; 0.5 mm frags with qtz-carb @ 30-40 & 140 deg to CA; 3-4% fuch xtals ave. 3-4 mm.									
		30.18-32.24: mod crackled, acid leached to yel-brn; well lim on frags & as patches; CT has frags up to 3 cm.									
		31.15: possible tr aspy.									
		31.2-31.23: hem bx vn @ 60 deg to CA, 45% hem, 55% crackled mat; 3-4% spec.									
		32.24-35.26: wk crackled, wk-mod vuggy, lim in									

HOLE No: SZD401

# Geofine Exploration Consultants Ltd.

## DIAMOND DRILL LOG

PROPERTY: TODD CREEK  
HOLE No.: SZD401

Page 4

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS					
							Au ppm	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
		the vugs; 0.5 mm crackles of qtz, minor carb, mod lim. concentric banding around frags (lt band, dk spec band); short sections of fr CT; tr py; 1-2% spec.										
35.26	44.85	Lt Grn CT as at 3.5-8.92 m; fi gr; 1-2 mm fuch xtals; tr patchy hem; 0.5-1% spec; tr cpy; <1% spec, diss xtals <1mm, fi, metallic; 10-60 cm discrete areas of rusty stain to brn around more fract areas i.e. 36.38-36.8 m.										
		36.38-36.80: acid leached to rusty orge-brn, xtals pseudomorphed and vugs oxid & filled with lim;										
		36.48: 3 mm qtz stringer, minor carb @ 175 deg to CA;										
		2-3 mm fault gouge on LC of stringer, tr hem stain.										
		36.80-44.85: wk fract, up to 3 mm frags @ 30-40 deg to CA; frags with qtz, minor carb in rusty brn stain on qtz vns.										
		40.6-41.20: as 36.38-36.80 m.										
		40.14-40.15: 4 aligned py patches up to 3 mm @ 50 deg to CA.										
		43.73: 5 mm qtz-carb vn @ 150 deg to CA.										
		44.5-44.6: 3 qtz-carb vns 3-4 mm @ 150 deg to CA in rusty zone.										
44.85	45.37	Ser-Chl Schist										

HOLE No: SZD401



# Geofine Exploration Consultants Ltd.

## DIAMOND DRILL LOG

PROPERTY: TODD CREEK  
HOLE No.: SZD401

Page 5

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS					
							Au ppm	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
		rusty orge-brn, very well lim; 15% ser; 15% chl; 60% sil; 5-7% lim; slickenslides on lg frag @ 150 to 40 deg; UC @ 150 deg to CA, LC @ 35 deg to CA; minor rem epi xtals.										
45.37	48.82	Lt Grn CT with co xtals 3-4 mm; 15% chl as 3 mm to 1.5 cm patches; 5% feld xtals; 3-4% fuch; <1% spec; 65% sil; mod fract with lim (acid leach) & qtz +/- carb & slickenslides @ 50-165 deg to CA. 45.72-46.10: rusty, orge-brn with rnd, unaltered frags to 1.5 cm with concentric zoning; vuggy; fracts 50 deg to CA & 1 mm fracts 130 deg to CA. 46.40-47.45: wk crackled & lim; Mn on crackles. 48.1-48.82: mod crackled with 1-3 mm qtz +/-carb vns @ 0-145 deg to CA; chl patches to 2.5 cm. 48.60: slickenslides @ 140 deg to CA on minor fracts.										
48.82	52.07	Red-Brn Purple CT; with acid leach, crackle, faults, bleaching; fi-med; highly sil; 50% sil, lt cream qtz xtals & purple up to 4-5 mm matrix some purple; 25-30% rnd grn feld xtals; 2-3% hem in matrix giving red-purple overall colour & 1-2% hem xtals up to 2 mm; 5% fuch; tr spec; 15% chl as 2-3 mm patches &										

HOLE No: SZD401

# Geofine Exploration Consultants Ltd.

## DIAMOND DRILL LOG

PROPERTY: TODD CREEK  
HOLE No.: SZD401

Page 6

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS				
							Au ppm	Ag ppm	As ppm	Cu ppm	Pb ppm
		interstitial. 48.82-52.07: med purple CT; 3% hem in matrix; 70% sil, xtals less distinct; 15% feld; 10-15% chl. 47.88: fracta @ 10 deg to CA. 48.77-49.39: qtz +/- carb stringers 0.5-1 mm @ 15 deg to CA. 49.39-50.88: concentric banding up to 4 cm around rnd frags. 50.88-51.60: bleached, yel-brn, wk fract up to 0.5 mm @ 115-150 deg to CA. 51.49-52.06: bleached yel-brn as 50.88-51.60; fracta @ 60 & 140 deg to CA; wk crackle with chl, qtz or ser filling.									
52.07	54.86	Fault Zone; badly broken core, fault gouge, bleached; UC & LC @ 60 deg to CA. 53.0-54.7: core is broken but more competent purple CT; crackled; qtz +/- carb stringers @ 40 & 140 deg to CA.									
54.86	56.74	Red-Brn Purple CT as 48.82-52.07 m 54.86-55.55: fi crackled; 25% qtz-carb filling cream to lt pk; ang frags 5-10 mm in net text with qtz-carb matrix; LC est @ 75 deg to CA. 55.55-56.20: lt purple, badly broken core.									

HOLE No: SZD401

# Geofine Exploration Consultants Ltd.

## DIAMOND DRILL LOG

PROPERTY: TODD CREEK  
HOLE No.: SZD401

Page 7

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS					
							Au ppm	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
		56.20-56.74: wk rust to pk sil matrix; broken core with fract @ 45-50 & 110-140 deg to CA; LC @ 125 deg to CA.										
56.74	74.33	Banded Red-Purple CT; c/w banding as 48.82-56.74. more massive; 5% hem in matrix; locally minor acid leach & minor crackle; qtz-carb vns increasing in size down hole; wk colour banding of purple & hem in matrix, bands vary from 1.5-25 cm wide @ 80-90 deg to CA. up to 5% epi locally; fi diss tr spec. 56.74-60.24: alternating rusty & fresh fract areas; fract @ 155 deg to CA & assoc with acid leach; 1-2 mm fract @ 35-115 deg to CA. 57.47: 3 mm hem-qtz vn @ 60 deg to CA. 57.54: 2 mm hem-qtz vn @ 50 deg to CA. 60.24: dk purple-red, more massive. 62.38: 1 cm qtz-carb vn @ 125 deg to CA; with LC of ser + chl. 63.55-63.58: 3x1 cm chl patch. 64.33-67.43: mod crackle with 0.5-1 mm qtz-carb stringers @ 45 & 145-150 deg to CA, minor 1 cm vns @ 35 to 140-150 deg to CA.	599569	73.30	74.30	1.00	0.001	0.1	6	118	7	21

HOLE No: SZD401

# Geofine Exploration Consultants Ltd.

## DIAMOND DRILL LOG

PROPERTY: TODD CREEK  
HOLE No.: SZD401

Page 8

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS						
							Au ppm	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm	
		66.75: 7 mm bx vn with 20% ang frags of CT @ 25 deg to CA.											
74.33	74.77	Qtz +/- Carb Bx Vn; UC & LC @ 30 deg to CA. 40% qtz-carb as xtals, matrix and crackle fillings around 0.5-8 cm frags of host; net text from mm to cm scale; host frags also crackled; no sulfs.											
74.77	86.45	Wk Crackle & Red-Purple CT; as 56.74-74.33 m; wker & narrower 3-4% hem banding of matrix; 1-2% hem xtals & qtz +/- carb vns increasing in size & no. down section; 1-3 mm qtz-carb vns, 3 or 4 per m, @ 45 & 145-150 deg to CA; minor chl patch to 1.5 cm; 5-7% fuch xtals up to 0.5 cm; 5% chl xtals & 10% chl in matrix; up to 5% epi locally. 82.76: 2-3 mm yel qtz-ank surrounding wh qtz-carb patch 2.5x7 mm in qtz-ank vn @ 150 deg to CA; crustiform text. 83.95-84.06: as 82.76-82.86 m. patch is 4 cm x 8 mm wide. 85.53-85.65: as 82.76-82.86 m; 6 mm wide	599570	74.30	74.80	0.50	0.001	0.1	1	4	2	41	
			599571	74.80	75.80	1.00	0.001	0.1	1	20	2	27	
			599572	75.80	76.80	1.00	0.001	0.1	1	3	1	25	
			599573	76.80	77.80	1.00	0.001	0.1	1	7	4	18	
			599574	77.80	78.80	1.00	0.001	0.1	8	2	1	15	
			599575	78.80	79.80	1.00	0.001	0.1	1	13	9	14	
			599576	79.80	80.80	1.00	0.001	0.1	1	11	6	18	
			599577	80.80	81.80	1.00	0.001	0.1	7	5	1	15	
			599578	81.80	82.86	1.06	0.014	0.1	12	4	3	13	
			599579	82.86	83.86	1.00	0.001	0.1	1	3	1	12	
			599580	83.86	84.86	1.00	0.001	0.1	1	5	4	14	
			599581	84.86	85.86	1.00	0.001	0.1	1	3	3	17	

HOLE No: SZD401

# Geofine Exploration Consultants Ltd.

## DIAMOND DRILL LOG

PROPERTY: TODD CREEK  
HOLE No.: SZD401

Page 9

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS					
							Au ppm	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
		vn @ 155 deg to CA. 85.98: 6 mm fi, massive brn sooty & euhed py vn @ 115 deg to CA; 70% euhed, 30% sooty.										
86.45	86.72	Qtz-Ank Bx Vn @ 40 deg to CA; crustiform; 70% yel-cream qtz-ank matrix with 30% host as ang frags up to 1.5 cm; minor chl; minor hem in matrix; tr spec hem.	599582	85.86	86.72	0.86	0.006	0.1	42	10	3	20
86.72	91.90	Banded Red-Purple CT c/w banding as 56.74-74.33 m; 15-20% chl in matrix & 1-2 mm chl xtals (peppered); 1-2% hem xtals, 1-2 mm hem bands are more distinct & numerous but narrower up to 2 cm. 89.13-93.88: mod-str vn & 0.5 mm crackles; vns increasing to 2 cm wide & more numerous.; 91.32-91.37: chl alt vn @ 135 deg to CA; 6% sulfs, 4% brassy & sooty py, 2% cpy, 2% spec; sulf vns cut qtz-ank vns; LC grad but banding @ 70 deg to CA.	599583	86.72	87.90	1.18	0.001	0.1	7	4	1	18
			599585	87.90	88.90	1.00	0.001	0.1	1	3	3	17
			599586	88.90	89.90	1.00	0.001	0.1	1	12	8	31
			599587	89.90	90.90	1.00	0.038	0.1	1	58	6	16
			599588	90.90	91.90	1.00	0.007	0.1	24	94	3	24
		SOUTH ZONE DEPOSIT STRATIGRAPHY; 91.90-115.45 m components include mod-str crackle CT; and multiphase sulf matrix gry qtz bx vns with										

HOLE No: SZD401

# Geofine Exploration Consultants Ltd.

## DIAMOND DRILL LOG

PROPERTY: TODD CREEK  
HOLE No.: SZD401

Page 10

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS					
							Au ppm	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
		hem & py (3-8%) & cpy (0.5-2%).										
91.90	96.86	Mod-Str Crackle CT;	599589	91.90	92.90	1.00	0.001	0.1	12	10	10	62
		matrix is qtz-ank around	599590	92.90	93.90	1.00	0.006	0.1	15	11	7	42
		frags of lt grn to red/brn & purple banded	599591	93.90	94.90	1.00	0.001	0.1	18	7	9	38
		CT; frags up to 4 cm in intensely crackled	599592	94.90	95.94	1.04	0.009	0.1	12	14	3	47
		areas; locally rusty around fract's up to 15 cm;										
		comp:70% sil; 15-20% feld xtals; 5-10% chl as										
		diss & patches to 3-0.5 cm; <1% fuch xtals to										
		0.5 cm.										
		91.90-92.58: intensely crackled; acid leached to										
		lim around fract's @ 50 deg to CA, 2% Mn locally										
		on fract's.										
		92.58-93.90: wk-mod crackled, 0.5-2 mm										
		with qtz-ank matrix; crustiform 6-7 mm crackle										
		matrix of wh qtz; vns of wh crustiform										
		qtz-carb @ 110-130 deg to CA; .5x3 cm chl patch.										
		93.9-96.94: Intensely crackled CT; crackled wh qtz										
		centre surrounded by qtz-ank; 75%ang										
		frags of CT with brn hem bands 0.5-4 cm (2-3 cm)										
		with 1-2% fi diss py; minor tr py in matrix;										
		LC @ 65 deg to CA.										
		95.53-95.83: acid leached with lim & Mn.										

HOLE No: SZD401

# Geofine Exploration Consultants Ltd.

## DIAMOND DRILL LOG

PROPERTY: TODD CREEK  
HOLE No.: SZD401

Page 11

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS					
							Au ppm	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
96.86	96.94	Sulf Matrix Gry Qtz Bx Vn with hem qtz on margin of LC @ 65 deg to CA; up to 3 cm sil frags in dk gry qtz matrix with 7% euhed & sooty py & 2% bleby cpy; 10% hem.	599593	95.94	96.94	1.00	0.005	0.1	26	14	5	20
96.94	99.46	Mod Crackle CT grn CT host with brn bands hem 110 deg to CA; mod 0.5 cm vns of qtz-ank 30- 50 deg to CA; 0.5-1 mm crackles; tr py; tr spec.	599594	96.94	97.94	1.00	0.011	0.1	32	64	6	5
			599595	97.94	98.94	1.00	0.016	0.1	46	41	5	5
			599596	98.94	99.46	0.52	0.006	0.1	28	24	5	4
99.46	102.77	(Sulf Matrix Gry Qtz Bx Vn) as 96.86-96.94 m; UC @ 45 deg to CA; 20% gry qtz matrix with 10-12% euhed py & minor sooty py, locally up to 20% py; gry qtz & sulfs form net text around rnd frags of host up to 5 cm with 2-3% py; late stage vning of qtz-carb in mod crackle section crosscuts gry qtz & sulfs. 99.82: 7 mm py vn with 1 bleb cpy @ 50 deg to CA. 100.33-101.50: mod crackled, 2-3% minor gry qtz matrix. 100.83-100.84: 8 mm massive sulf vn @ 135 deg to CA; fi-med euhed & sooty py. 100.95: 3 mm massive sulf vn @ 110 deg to CA; fi-med euhed & sooty py.	599597	99.46	100.46	1.00	0.038	0.1	127	283	10	4
			599598	100.46	101.37	0.91	0.017	0.1	73	16	8	9
			599599	101.37	102.27	0.90	0.060	0.1	117	285	7	9
			599601	102.27	102.77	0.50	3.510	0.8	346	991	17	7

HOLE No: SZD401

# Geofine Exploration Consultants Ltd.

## DIAMOND DRILL LOG

PROPERTY: TODD CREEK

HOLE No.: SZD401

Page 12

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS					
							Au ppm	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
		101.50-101.56: intensely crackled gry qtz sulf matrix bx vn as 99.46-102.77 m; 30% gry qtz; 20% py in gry qtz. UC & LC @ 110 deg to CA.										
		101.56-102.26; sulf matrix gry qtz bx as 99.46-102.77 m; 25% matrix, 15% fi-med py, minor sooty; 1% cpy as blebs; 2-3% hem qtz in frags.										
		102.26-102.63: 40% gry qtz matrix with sulf; 12-15% py, <1% cpy; 2% hem stain on frags; 4-5% epi xtals; 3% fuch.										
		102.63-102.77: fault; fault gouge @ 55 deg to CA with ser-chl slips; minor slickenslides.										
102.77	105.97	Sulf Matrix Crackle CT with net text; 10% matrix of 70% epi & 30% sulf; sil-chl-epi alt on margins of 3-4 mm py & tr cpy vns rimming the 10 to 20 cm frags of CT; 90% hem stained, pk-brn CT; 0.5% cpy; 6-8% py; fuch & chl interstitial; 10-15% chl as minor patches up to 2 cm.	599602	102.77	103.77	1.00	0.061	0.1	132	357	7	18
			599603	103.77	104.87	1.10	0.035	0.1	89	125	5	18
			599604	104.87	105.97	1.10	0.152	0.1	166	3420	11	18
		102.85: 4 mm sulf stringer @ 130 deg to CA; 70% py, 30% cpy.										
		105.57-105.62: 2 cm qtz-carb bx vn @ 65 deg to CA;										
		105.70-105.73: 5 mm qtz stringer @ 50 deg to CA with 15% py & 2-3% cpy & hem stain; irreg contact.										
		105.90-105.94: 4 x2 cm massive py patch with 7-8% cpy.										

HOLE No: SZD401



# Geofine Exploration Consultants Ltd.

## DIAMOND DRILL LOG

PROPERTY: TODD CREEK  
HOLE No.: SZD401

Page 13

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS					
							Au ppm	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
105.97	107.42	Hem Crackle/Shattered CT; 30% dk gry qtz matrix with hem stain; frags 0.5-4 cm, of host & lg hem stained qtz xtals; crackled; 7% hem; 5% epi; tr py. 106.04-106.15: 7-8% cpy as blebs in & adjacent to 7 mm qtz +/-carb vn @ 50 deg to CA. 107.27-107.33: gry band of sil, 3-4% py @ 65 deg to CA.	599605	105.97	106.68	0.71	1.295	0.1	37	2890	1	10
			599606	106.68	107.42	0.74	2.720	0.6	19	1770	7	18
107.42	115.45	Mod Crackle CT; lt gry-grn; fi, well sil; wkly chl; 4-5% fuch; 3-4% epi in patches where fracta are intense; locally hem stained on qtz -carb in 0.5 mm crackles; 1-2 mm qtz-carb vns @ 40-60 & 110-155 deg to CA; tr-0.5% py. 113.80-113.82: 1.5 cm qtz-carb vn @ 110 deg to CA with 3-4% cpy as blebs to 1 mm. 115.21-115.45: 3 qtz-carb vns 1-6.5 cm @ 130 deg to CA; 3-4% cpy; tr py; 5% hem on margins of some vns, multiphase, crustiform.  ALT CT: FOOTWALL ROCKS; 115.45-125.00 m	599607	107.42	108.45	1.03	0.064	0.1	5	149	6	12
			599608	108.45	109.45	1.00	0.019	0.1	11	130	3	10
			599609	109.45	110.45	1.00	0.009	0.1	1	23	1	6
			599610	110.45	111.45	1.00	0.022	0.1	8	25	3	14
			599611	111.45	112.45	1.00	0.009	0.1	1	309	3	10
			599612	112.45	113.45	1.00	0.001	0.1	12	50	5	9
			599613	113.45	114.45	1.00	0.001	0.1	17	229	5	6
599614	114.45	115.45	1.00	0.081	0.1	1	1400	4	7			
115.45	125.00	Alt Purple-Brn CT; well sil, 65% pk qtz; 15-20% patches	599616	115.45	116.45	1.00	0.013	0.1	1	53	4	11
			599617	116.45	117.45	1.00	0.001	0.1	10	168	3	9

HOLE No: SZD401

# Geofine Exploration Consultants Ltd.

## DIAMOND DRILL LOG

PROPERTY: TODD CREEK  
HOLE No.: SZD401

Page 14

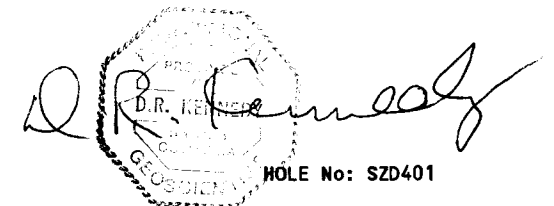
FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS					
							Au ppm	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
		chl & interstitial; 7-8% fuch xtals	599618	117.45	118.45	1.00	0.029	0.1	1	11	6	10
		up to 0.5 cm; wk crackle; qtz carb vns mm scale	599619	118.45	119.45	1.00	0.005	0.1	1	84	2	12
		@ 60 & 140 deg to CA; tr py; <0.5% hem xtals.	599620	119.45	120.45	1.00	0.001	0.1	6	13	2	15
		118.10-118.11: dk chl vn @ 70 deg to CA.	599621	120.45	121.45	1.00	0.015	5.0	9	106	14	61
		119.26-119.27: 7 mm qtz-carb stringer @ 60 deg to CA	599622	121.45	122.40	0.95	0.012	14.4	43	132	24	87
		with tr cpy.	599623	122.40	123.40	1.00	0.009	3.8	25	53	8	48
		120.2-123.25: number of rusty acid leached fract, well fract.	599624	123.40	124.60	1.20	0.009	18.2	35	251	315	142
		122.40-122.50: qtz-carb xtals in vugs; 1 mm mod crackled with tr sulf; tr spec, tr cpy & qtz-carb.										
		124.15-124.36: qtz-carb bx vn @ 140 deg to CA; well fract with lim & chl; yel-rusty brn.										

125.00 125.00 (E.O.H.)

30 core boxes; 100.32% recovery

### DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
67.06	-58 DEG	
121.95	-56 DEG	



HOLE No: SZD401

DDHSZD04-02

# Geofine Exploration Consultants Ltd.

## DIAMOND DRILL LOG

PROPERTY: TODD CREEK

HOLE No.: SZD402

Collar Eastings: 9950.00

Collar Northings: 10075.00

Collar Elevation: 1132.00

Grid: NOR BL @ 10 DEG

Aggressive Drilling BQW; Casing 6.09 m

Collar Inclination: -75.00

Grid Bearing: 100.00

Final Depth: 6.09 metres

Target SZD Bx; Claim Todd 13

Hole abandoned in sand & gravel

Logged by: D Kennedy

Date: July 21/04

Down-hole Survey: Acid Test

Drill Az: 100 deg.


---

LITHOLOGICAL DESCRIPTION			ASSAYS		
FROM	TO		FROM	TO	WIDTH
0	6.09	(Casing) Hole abandoned in overburden.	0.00	0.00	0.00

0 core boxes; % recovery

### DOWN-HOLE SURVEY DATA

DEPTH INCLINATION BEARING

*D.R. Kennedy*  
  
HOLE No: SZD402

DDHSZD04-02A

\*\* SUMMARY LITHO LOG \*\*

PROPERTY: TODD CREEK  
 HOLE NO: SZD04-02A  
 COLLAR LOCATION: 10075N, 9930E  
 ELEVATION: 1132 m

=====

FROM (m)	TO (m)	LITHOLOGICAL UNIT
0.00	101.20	WK ALT CT: HANGING WALL ROCKS
	0.00	13.28 Chl CT
	13.28	15.08 Fault Zone with Crackle CT
	15.08	21.70 Gry CT
	21.70	25.82 Grn-Gry CT
	25.82	30.65 Lt Gry CT
	30.65	36.56 Grn-Gry CT
	36.56	49.80 Lt Gry CT as 25.82-30.65 m
	49.80	71.42 Alternating Purple & Lt Gry CT
	71.42	94.10 Purple CT as in 49.80-71.42 m
	94.10	95.90 Bleached, Well Sil CT
	95.90	97.35 Fault Zone
	97.35	101.20 Bleached, Well Sil CT

FROM	TO	LITHOLOGICAL UNIT
101.20	120.00	SOUTH ZONE DEPOSIT STRATIGRAPHY
	101.20	101.66 Str Crackle Bleached CT
	101.66	104.98 Qtz-Sulf Bx Vn & Crackled CT
	104.98	105.88 Sulf Qtz Bx Vn
	105.88	106.10 Intensely Crackled Bleached CT
	106.10	106.58 Qtz-Carb Bx Vn
	106.58	107.28 Str Crackled, Bleached Sil CT
	107.28	114.75 Co Qtz-Hem Bx
	114.75	115.23 Qtz-Ank Matrix Bx Vn
	115.23	120.00 Mod-Str Crackle Grn-Gry CT

120.00 121.64 MED BRN-PURPLE CT: FOOTWALL ROCKS

121.64 121.64 E.O.H.

Property: TODD CREEK PROPERTY  
Hole: SZD04-01 (9934E, 10115N)  
Drilled: JULY 18-21/04

**DRILL CORE RECOVERY BY RUN & ACID TEST RESULTS**

<b>From - To (Ft)</b>	<b>Actual (Ft)</b>	<b>Recovery (%)</b>	<b>From - To (Ft)</b>	<b>Actual (Ft)</b>	<b>Recovery (%)</b>	<b>From - To (Ft)</b>	<b>Actual (Ft)</b>	<b>Recovery (%)</b>
11'6 - 20	8.8'	104.76%	150 - 160	10'	100.00%	280 - 290	9'9	97.50%
20 - 30	9'11	99.20%	160 - 170	10'1	101.80%	290 - 300	9'11	99.20%
30 - 40	9'7	95.80%	170 - 180	10'1	101.80%	300 - 310	10'	100.00%
40 - 50	10'	100.00%	180 - 190	10'4	103.30%	310 - 320	10'3	102.50%
50 - 60	10'	100.00%	190 - 200	10'5	104.20%	320 - 330	10'1	101.67%
60 - 70	10'2	101.67%	200 - 210	9'10	98.30%	330 - 340	10'2	101.67%
70 - 80	10'	100.00%	210 - 220	10'	100.00%	340 - 350	9'11	99.20%
80 - 90	9'7	98.50%	220 - 230	10'	100.00%	350 - 360	9'11 1/2	99.60%
90 - 100	10'7	105.80%	230 - 240	10'	100.00%	360 - 370	9'10	98.30%
100 - 110	10'2	101.67%	240 - 250	9'10	98.30%	370 - 380	9'11	99.20%
110 - 120	10'2	101.67%	250 - 260	10'	100.00%	380 - 390	10'4	103.30%
120 - 130	10'	100.00%	260 - 270	10'1	101.80%	390 - 400	9'11	99.20%
130 - 140	10'1	100.80%	270 - 280	10'2	101.67%	400 - 409	8'11	89.20%
140 - 150	10'1	100.80%						

**OVERALL RECOVERY AVERAGE= 100.32%**

<b>TEST</b>	<b>HOLE DEPTH</b>	<b>ACID TESTS</b>	
		<b>ACTUAL READING (DEG)</b>	<b>CORR READING (DEG)</b>
1	67.06 m	65°	58°
2	121.95 m	63°	56°



# Geofine Exploration Consultants Ltd.

## DIAMOND DRILL LOG

PROPERTY: TODD CREEK

HOLE No.: SZD402A

Collar Eastings: 9930.00

Collar Northings: 10075.00

Collar Elevation: 1132.00

Grid: NOR BL @ 10 DEG

Drill Az 100 deg.

Collar Inclination: -65.00

Grid Bearing: 100.00

Final Depth: 121.64 metres

Target SZD Qtz Bx Vn: Claim Todd 13

Aggressive Drilling; BQTW no casing

Logged by: D Kennedy

Date: AUG 1-4/04

Down-hole Survey: Acid Test

Core Recovery: 100.31%

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS				
							Au ppm	Ag ppm	As ppm	Cu ppm	Pb ppm
0	13.28	<p>chl CT</p> <p>gry-grn; fi-med; massive; tr euhed py.; wk vn;</p> <p>50% sil; 20% interstitial &amp; 7% chl xtals</p> <p>20-30% feld as 1 mm laths; up to 3% py in vns;</p> <p>2-3% epi xtals to 1 mm; 2-3% 2 mm fuch;</p> <p>cm scale wk banding of chl mat; wk fract</p> <p>with lim to rusty orge-brn for 0.5-2 cm @ 20, 65,</p> <p>70 &amp; 130 deg to CA, 120 deg prevalent; 0.5-5 mm</p> <p>qtz-carb vns @ 25, 40 &amp; 110 deg to CA with some</p> <p>micro bx &amp; 5% hem on margins.</p> <p>4.80-4.88: 3 qtz-carb vns 3-10 mm with 30% spec</p> <p>on margins @ 115 deg to CA.</p> <p>11.52: 6 mm qtz vn with 70% spec @ 120 deg to CA.</p> <p>12.40: 2 cm qtz vn with 30% spec, 10% hem @ 110 deg to CA.</p> <p>12.60: 4 mm qtz-carb bx vn @ 20 deg to CA; 60% qtz-carb</p> <p>matrix; ang frags to 3 mm.</p> <p>12.64: 2 cm qtz vn with 30% spec, 10% hem @ 100 deg to CA.</p> <p>13.0: 2 cm qtz vn with 30% spec, 10% hem @ 120 deg to CA.</p>									

HOLE No: SZD402A

# Geofine Exploration Consultants Ltd.

## DIAMOND DRILL LOG

PROPERTY: TODD CREEK  
HOLE No.: SZD402A

Page 2

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS									
							Au ppm	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm				
		13.2-13.28: bands of lim stain & lim on fract														
		13.20-16.20: bands of lim stain & lim on fract.														
13.28	15.08	Fault Zone with Crackle CTbands of lim stain & lim on fract.														
		13.28-13.29: rusty orge-brn lim fault with gouge @ 140 deg.														
		13.29-13.90: crackle bx; lt gry, 65% sil; 60% qtz matrix; 40% ang frags.														
		13.91-13.92: 5 mm brn gouge @ 100 deg to CA; well lim.														
		14.01-14.05: 4 cm brn gouge @ 115 deg to CA; well lim.														
		14.05-15.02: gry CT as 15.08-21.70 m.														
		15.02-15.08: yel-brn fault gouge @ 70 deg to CA; well lim.														
15.08	21.70	Gry CT as 0-13.28 m; str sil; bleached; 65% sil, 10% chl, 20% feld, 2-3% fuch, 5% epi, 1-2% diss py; minor fract @ 40 & 110 deg to CA; minor qtz-carb vns @ 120 deg to CA.														
		15.76-15.91: 4 cm qtz, minor carb bx vn @ 30 deg to CA; frags to 2 cm.														
		16.54: 5 mm qtz-chl vn @ 150 deg to CA.														
		18.70-21.70: highly sil, chl; 15% chl & 10% interstitial														

HOLE No: SZD402A

# Geofine Exploration Consultants Ltd.

## DIAMOND DRILL LOG

PROPERTY: TODD CREEK  
HOLE No.: SZD402A

Page 3

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS					
							Au ppm	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
		forming bands @ 115 deg to CA; 10% host feld xtals; 70% sil; locally 2-3% py in bands & diss. 20.84: 3 mm qtz-carb vn @ 15 deg to CA.										
21.70	25.82	Grn-Gry CT as 0-13.28 m; tr-0.5% py; chl xtals to 0.5 cm. 21.91-21.97: 2 cm qtz-carb vn @ 35 deg to CA. 22.78: 1.5 cm qtz vn with 40% chl, 15% spec, 10% hem & with blebs cpy @ 60 deg to CA. 22.97: 3 mm qtz vn with 85% hem @ 70 deg to CA; 1% py; tr cpy. 25.70-25.75: qtz bx vn; 80% qtz; frags to 1 cm; UC 30 deg & LC 50 deg to CA.										
25.82	30.65	Lt Gry CT; 60% sil; 25% feld laths; 10% chl; wkly vn, 1-3 mm crustiform qtz-carb vn @ 120 deg to CA; tr py. 26.67: fault gouge @ 130 deg to CA, well lim. 26.73-26.86: 9 cm qtz bx vn; @ 35 deg to CA; 80% matrix; ang 5 mm frags										
30.65	37.0	Grn-Gry CT as 18.70-21.70 m; 0.5-1% py conc in chl bands 80-115 deg to CA; 1-3 mm irreg qtz vns 20 deg to CA; locally wk crackle. 32.34-34.37: well fract with lim, Mn & wk carb; rusty orge-brn; surface well lim.										

HOLE No: SZD402A

# Geofine Exploration Consultants Ltd.

## DIAMOND DRILL LOG

PROPERTY: TODD CREEK  
HOLE No.: SZD402A

Page 4

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS					
							Au ppm	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
		33.29-33.59: qtz bx vn; ang frags to 2 cm with 1% py; 65% qtz matrix, minor carb.										
		36.11: 1 cm chl patch with 30% py.										
		36.56-37.0: silver-gry matrix bx vn @ 80 deg to CA; UC 80 deg & LC 165 deg to CA.										
37.0	49.80	Lt Gry CT as 25.82-30.65 m.										
		37.56: 4 mm qtz vn with 70% hem @ 70 deg to CA; 7% py.										
		38.9-39.47: 20% chl.										
		39.12-40.40: mod crackle with qtz-carb up to 2 mm; tr py; minor hem in crackles.										
		39.56-40.04: up to 1.5 cm; crustiform qtz-carb vn @ 0 deg has offshoot down core to 39.91 m; 50% hem-qtz; 5% spec; 20% wh qtz-carb; ang host frags to 2 cm; LC @ 45 deg to CA.										
		43.23-43.42: 10 cm qtz-carb bx vn with 5% banded hem; 10% ang frags <5 mm 40 deg to CA; 1-4 cm qtz-carb vns 120-130 deg;										
		44.43-44.52: 4 cm qtz-carb bx vn @ 150 deg to CA; frags to 1.5 cm.										
		45.70-46.35: well fract with lim, carb & Mn @ 65 & 130 deg to CA; minor qtz-carb vns with lim @ 130 deg to CA.										
		47.62-49.43: 0.5-3.5 cm qtz-carb bx vns with 5% hem @ 177 deg to CA; 40% frags to 2 cm.										
49.80	71.42	Alternating Purple & Lt Gry CT lt gry, 1% peppery spec to locally 2-3%; purple with										

HOLE No: SZD402A

# Geofine Exploration Consultants Ltd.

## DIAMOND DRILL LOG

PROPERTY: TODD CREEK  
HOLE No.: SZD402A

Page 5

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS				
							Al ppm	Ag ppm	As ppm	Cu ppm	Pb ppm
		2-3% spec locally to 4%; 4-5% fuch locally to 7%; well sil; 65% sil; 15% feld; 12% chl; tr py. Lt Gry CT as 54.85-55.10 m; ank vns with 50% chl, 10% ank & up to 0.5% py 55.41: 5 mm qtz -spec vn with 25% spec, 15% hem on margins @ 110 deg to CA. 55.59-55.60: 1 cm qtz vn with 70% spec, 5% hem @ 100 deg to CA. 57.1-58.80: wk crackle with ank 5% qtz ; wkly vn with up to 5 mm qtz-carb vns @ 45-55 deg to CA. 56.84: 4 mm blu-gry qtz-chl vns @ 140 deg to CA. 57.51-57.62: 3 spec vns 2-4 mm @ 70 deg to CA. 59.02-59.27: 1 cm chl vn @ 160 deg to CA. 59.60-59.70: 3, 1 mm spec vns @ 30 deg to CA. 61.49-62.80: qtz-ank bx vn; UC & LC @ 130 deg to CA; 30% lt gry CT frags. 61.80-65.95: wk crackled, str vn with bx vns up to 3 cm; frags to 2 cm; qtz-carb matrix, ladder structure; 15% vns overall @ 110-120 & 40-50 deg to CA. 65.86: 2 mm irreg qtz vn with 80% hem, 1% py @ 120 deg to CA. 65.95-71.42: wk vn; wk fract with lim & carb on fract & along core for up to 40 cm from fract. 68.66-68.76: 5 cm qtz-carb bx vn @ 55 deg to CA; 30% qtz-carb matrix; 2% hem; wk 5 mm crustiform multistage stringers 40 deg to CA; grad LC with lim on fract 60 deg to CA.									

HOLE No: SZD402A

# Geofine Exploration Consultants Ltd.

## DIAMOND DRILL LOG

PROPERTY: TODD CREEK  
HOLE No.: SZD402A

Page 6

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS				
							Au ppm	Ag ppm	As ppm	Cu ppm	Pb ppm
71.42	94.10	Purple CT as in 49.80-71.42 m; mod qtz carb vns; 1% hem xtals, locally 2-3%; 73.39-73.50: 3, 2-4 mm dk silica stringers @ 140 deg to CA. 73.98-74.04: 5 cm qtz-carb bx vn @ 110 deg to CA; 65% matrix with 2% hem; ang frags to 5 mm. 75.07-75.25: 10 cm qtz-carb bx vn @ 40 deg to CA; 40% qtz-carb matrix; ang frags to 2 cm. 76.01-76.07: 2 cm crustiform qtz-carb bx vn @ 50 deg to CA; 70% matrix; frags to 1 cm. 78.94-79.03: 2.5 cm qtz bx vn @ 35 deg to CA; 80% matrix, 5% hem; frags to 1 cm. 81.38-83.2: badly broken core with ser-chl alt. 83.2-94.10: purple CT; 10% ser; banding of hem silica & locally 10% epi; 3-4% hem xtals more pronounced locally; wk vn; qtz-carb vns up to 5 mm @ 35 & 150 deg to CA; ank replacing feld; 87.55-87.76: bx vn; 65% qtz-carb matrix; ang frags up to 1.5 cm; 2% hem; UC 60 deg & LC 75 deg to CA. 88.35: 2, 5 mm spec vns @ 135 deg to CA. 89.77-91.04: several closely spaced bx vns to 6 cm; 30% qtz-ank matrix; frags to 2 cm of intensely crackled CT; locally hem stained. 90.30-90.37: 5 cm hem stained qtz-ank vn @ 140 deg to CA.									

HOLE No: SZD402A

# Geofine Exploration Consultants Ltd.

## DIAMOND DRILL LOG

PROPERTY: TODD CREEK  
HOLE No.: SZD402A

Page 7

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS									
				FROM	TO	WIDTH	Au ppm	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm	
		91.04-94.10: wk crackle.											
		92.66-92.79: 3 qtz-ank bx vns @ 60 deg to CA; 80% matrix; CT frags to 4 cm.											
		93.03-93.06: 3 cm qtz-ank vn @ 50 deg to CA.											
		93.80-94.10: numerous 2-5 mm qtz-ank stringers @ 140 deg to CA.											
94.10	101.20	Bleached, Crackled Well Sil CT; lt pk-brn & grn; alt with ser-chl-sil; wk 2-3 mm vns @ 40 & 140 deg to CA; wk crackle; 70% sil, 15% chl, 5% ser, 5% fuch 2 mm xtals.	609773	95.90	97.35	1.45	0.001	0.10	1	4	5	46	
			609246	97.35	98.35	1.00	0.009	0.10	48	9	9	28	
			609247	98.35	99.35	1.00	0.001	0.10	7	6	3	29	
			609248	99.35	100.35	1.00	0.014	0.10	47	33	5	29	
		94.14-94.80: qtz-ank bx vn; 50% rnd-ang frags of bleached CT up to 2 cm; tr py; UC 155 deg & LC 60 deg to CA.	609249	100.35	101.20	0.85	0.006	0.10	30	43	4	20	
		94.80-95.25: wk fract; well carb & lim on fract & rusty stain locally.											
		95.25-95.73: qtz-ank bx; 40% ang-rnd frags to 3 cm; UC @ 150 deg & LC @ 50 deg to CA.											
		95.9-97.35: (Fault Zone); badly broken crackled core & gouge.											
		96.13: 5 mm gouge with ser & chl @ 60 deg to CA.											
		96.50: gouge with chl & ser.											
		97.1-97.2: dk grn, chl slips & ser on broken core.											
		97.35-101.20: wk crackle; subtle purple banding @ 80 deg to CA; 2-3% fi diss py; 5 mm fuch xtals; 1mm chl stringers with 3-10% py @ 40 deg to CA.											
		99.42-99.60: mod crackle; more sil with up to 5 mm chl stringers											

HOLE No: SZD402A

# Geofine Exploration Consultants Ltd.

## DIAMOND DRILL LOG

PROPERTY: TODD CREEK  
HOLE No.: SZD402A

Page 8

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS					
							Au ppm	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
		<p>@ 60 deg to CA; 7-8% gran py; py up to 20% locally assoc with chl stringers; feld xtals destroyed.</p> <p>100.14-100.20: 3 parallel qtz-ank vns up to 3 cm with 20% gran py @ 50 deg to CA.</p> <p>100.48-100.70: 1 mm py stringers &amp; chl patches with 10% py; 2 blu-gry qtz stringers @ 50 deg to CA with 7-8% py; py on chl margins of crustiform qtz-carb vns; 3-4% py overall.</p> <p>SOUTH ZONE DEPOSIT STRATIGRAPHY; 101.2-120.0 m components include crackled alt CT, qtz-sulf bx vn, qtz-carb bx vn, qtz-hem bx vn, qtz-ank matrix bx vn.</p>										
101.20	101.66	Str Crackle Bleached CT; 15% crackle with yel-grn qtz-ank; 2-3% py.	609250	101.20	101.66	0.46	0.014	0.10	42	89	3	20
101.66	104.98	Qtz-Sulf Bx Vn & Crackled CT; UC 45 deg & LC 60 deg to CA; 60% matrix; comprising qtz, ank & hem sil within bleached CT frags to 3 cm; 4-6% diss py & <1% cpy blebs in matrix & on frag margins.	609751	101.66	102.76	1.10	1.740	0.10	30	1765	2	11
			609752	102.76	103.86	1.10	0.358	0.10	1	1150	1	15
			609753	103.86	104.98	1.12	0.091	0.10	1	1080	4	13
		<p>102.26-106.80: orge stain in silica patches &amp; assoc with hem.</p> <p>102.14-102.37: highly sil bx vn @ 120 deg to CA; 65% matrix of pale yel-cream silica with up to 1% cpy as</p>										

HOLE No: SZD402A



# Geofine Exploration Consultants Ltd.

## DIAMOND DRILL LOG

PROPERTY: TODD CREEK  
HOLE No.: SZD402A

Page 9

FRC	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS					
							Au ppm	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
		blebs & 4-5% py; blebs cpy in blu-gry qtz vns & rnd-ang qtz frags to 1 cm. LC @ 120 deg to CA. 103.35-103.73: str crackled bleached CT with qtz-ank fillings; 3-4% py; rusty fract @ 50 deg to CA. 103.86-103.91: 5% spec as patches. 104.35-104.98: str crackled bleached CT with 10% qtz-ank fillings.										
104.98	105.88	Sulf Qtz Bx Vn; UC & LC @ 60 deg to CA; 5% cpy patch up to 1 cm, 2-3% py as diss & stringers; 70% matrix as 60% qtz; pk-orge carb vns up to 3 cm @ 65 deg to CA, 10% carb; 7-8% ank; 5% hem silica as matrix & in qtz; 8-10% chl bands & patches; 30% qtz-chl frags to 1 cm. 105.45-105.55: 2, 3 cm pk-orge carb vns @ 60 deg to CA.	609754	104.98	105.88	0.90	10.200	1.00	1	13400	1	9
105.88	106.10	Intensely Crackled Bleached CT; crackled with 10% qtz-carb. 105.95: 7 mm hem-qtz-carb stringer @ 70 deg to CA with 1 mm discontinuous stringer of cpy in centre.										
106.10	106.58	Qtz-Carb Bx Vn; UC @ 40 deg & LC @ 50 deg to CA; 50% qtz-carb matrix; 50% 1 cm rnd-ang frags of 15% hem silica, 5% qtz-carb & 30-40% bleached CT; 1x3 cm co cpy patches &	609755	105.88	106.58	0.70	2.920	0.70	8	9300	1	6

HOLE No: SZD402A

# Geofine Exploration Consultants Ltd.

## DIAMOND DRILL LOG

PROPERTY: TODD CREEK  
HOLE No.: SZD402A

Page 10

FROM	TO	LITHOLOGICAL DESCRIPTION:	SAMPLE No.	FROM	TO	WIDTH	ASSAYS					
							Au ppm	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
		as blu-gry qtz frag margins, 5% cpy, locally to 40% cpy.										
106.58	107.28	Str Crackled, Bleached Sil CT; well sulf; mod bleached sil-ser-chl CT; 10% qtz-ank in crackles, minor qtz-hem vns to 1.5 cm @ 50 deg to CA with 7-8% py on margins; 70% sil; 10% interstitial & chl bands; 3-4% hem; 3% py as diss with chl stringers; tr cpy as blebs.	609756	106.58	107.28	0.70	1.685	0.10	21	2260	3	15
107.28	114.75	Co Qtz-Hem Bx; 2-3% sulf; <1% cpy blebs; 30% matrix of qtz, hem silica & carb; 70% grn chl sil CT frags to 8 cm; 5 mm fuch up to 15% locally; 55% sil, 10-15% feld, 15 chl, 5% ser, 2-3% diss py; minor wh & blu-gry qtz vns 100 deg to CA; LC 130 deg to CA.  112.0-112.05: 5 cm gry-grn qtz vn @ 50 deg to CA with carb & hem on margins. 114.4-114.75: up to 15% spec as patches rimming frags.	609757	107.28	108.28	1.00	0.180	0.10	13	378	4	10
			609758	108.28	109.28	1.00	0.075	0.10	5	110	2	16
			609759	109.28	110.28	1.00	0.035	0.10	1	38	3	11
			609760	110.28	111.28	1.00	0.094	0.10	10	302	1	9
			609762	111.28	112.28	1.00	0.460	0.10	1	232	1	19
			609763	112.28	113.55	1.27	0.153	0.10	5	342	3	29
			609764	113.55	114.75	1.20	0.234	0.10	8	72	3	32
114.75	115.23	Qtz-Ank Matrix Bx Vn; sharp UC & LC @ 130 deg to CA; 80% bleached CT, qtz & qtz-hem frags to 1 cm with patches of orge mineral (does not react to acid) & hem stain; <1% py.										
115.23	120.0	Mod-Str Crackle Grn-Gry CT;	609765	114.75	115.42	0.67	3.500	0.10	6	2220	6	14

HOLE No: SZD402A

# Geofine Exploration Consultants Ltd.

## DIAMOND DRILL LOG

PROPERTY: TODD CREEK  
HOLE No.: SZD402A

Page 11

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS					
							Au ppm	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
		2 mm blu-gry qtz vn 40 deg to CA LC; well sil; 65% sil; ank pseudomorphing 15% feld; 10% fuch as 2 mm xtals, 10% chl, 2% py, 1% cpy; well vn; crustiform vns to 6 cm with hem silica margins & 7-8% cpy; 2-3% py in vns & diss; minor 1 cm chl patches with minor sulf;	609766	115.42	116.42	1.00	0.075	0.10	14	478	2	22
			609767	116.42	117.42	1.00	0.487	0.10	1	758	5	27
			609768	117.42	118.42	1.00	0.249	0.10	1	1220	1	27
			609769	118.42	119.21	0.79	0.418	0.10	1	486	5	28
			609770	119.21	120.00	0.79	0.090	0.10	1	2180	3	19
		115.38-115.42: 1.3 cm qtz vn @ 125 deg to CA with 1% cpy & hem on margins.										
		115.65-116.05: intense crackle.										
		115.65-115.69: 3 mm blu-gry irreg qtz stringer with 20% cpy blebs.										
		115.69: 3 mm blu-gry qtz vn with 5% cpy.										
		115.76-115.88: 1.2 cm blu-gry qtz vn @ 135 deg to CA with 3% cpy, 7-8% py.										
		116.20-116.24: 2 cm qtz-hem vn @ 50 deg to CA with 5-7% cpy, 1% py.										
		116.45-116.52: 6 cm qtz-hem vn @ 50 deg to CA with 3% cpy as blebs, v fi py in dk silica vn @ UC.										
		116.82-116.84: 1.5 cm qtz vn @ 60 deg to CA with 15% chl, 2% cpy as blebs.										
		117.30: 0.5 cm qtz-carb vn @ 60 deg to CA with 6-7% cpy.										
		117.48-117.53: 2.5 cm blu-gry qtz vn @ 50 deg to CA										

HOLE No: SZD402A

# Geofine Exploration Consultants Ltd.

## DIAMOND DRILL LOG

PROPERTY: TODD CREEK  
HOLE No.: SZD402A

Page 12

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS					
							Au ppm	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
		with 10% ank, 4-5% cpy as blebs.										
		117.97-118.0: qtz vn @ 65 deg to CA with 2% py, 7% cpy; 5% hem on vn margins.										
		118.43-118.67: bx vn; 40% qtz-ank matrix with 5% blebs cpy; 60% ang bleached CT frags to 2 cm; 1% py on frag margins.										
		118.67-120.0: str crackled bleached CT; 1% diss py.										
		118.83-119.02: 0.5 mm qtz-carb stringer @ 20 deg to CA.										
		119.05-119.22: 1 cm qtz-carb stringer @ 30 deg to CA.										
		119.35-119.52: 5, 3-10 mm qtz-carb vns @ 50 deg to CA with 3-5% sulf; 3% py, 2% cpy.										
		119.58-119.64: 1.5 cm qtz-hem vn @ 50 deg with 5% cpy, 2% py.										
		119.66-119.87: 4, up to 4 mm blu-gry qtz stringers @ 40 deg to CA.										
		CT: FOOTWALL ROCKS										
120.0	121.64	Med Brn-Purple CT; mod sil; wk crackled; 55% sil, 15% chl, 20-25% feld; 7-8% fuch 2 mm xtals; mottled text; minor vning with tr cpy & py in med brn to purple groundmass; 1% spec.	609771	120.00	120.80	0.80	0.027	0.10	11	95	1	36
		120.98: 2 mm blu-gry qtz stringer @ 145 deg with	609772	120.80	121.64	0.84	0.012	0.10	1	83	8	41

HOLE No: SZD402A

# Geofine Exploration Consultants Ltd.

## DIAMOND DRILL LOG

PROPERTY: TODD CREEK  
HOLE No.: SZD402A

Page 13

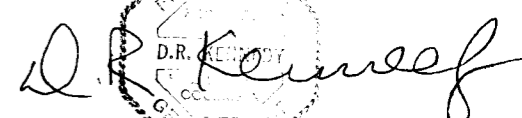

---

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS					
							Au ppm	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
		3% py, 1% cpy.										
121.64	121.64	E.O.H										

29 core boxes; 100.31% recovery

### DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
121.64	-62.00	100.00

  
  
D.R. KENNEDY  
HOLE No.: SZD402A

DDHSZD04-03

\*\* SUMMARY LITHO LOG \*\*

PROPERTY: TODD CREEK  
 HOLE NO: SZD04-03  
 COLLAR LOCATION: 10100N, 9900E  
 ELEVATION: 1131 m

FROM (m)	TO (m)	LITHOLOGICAL UNIT
0.00	2.13	OVERBURDEN
2.13	126.23	ALT CT: HANGING WALL ROCKS
	2.13	17.48 Co Gry-Grn CT
	17.48	17.73 Fault
	17.73	20.23 Str Crackle CT
	20.23	22.21 Well Sil CT
	22.21	23.20 Mod-Str Crackle CT
	23.20	27.96 Sulf, Sil Gry CT
	27.96	30.27 Mod-Well Sil CT
	30.27	31.36 Purple Matrix CT
	31.36	38.28 Lt Grn CT
	38.28	40.70 Purple Matrix CT
	40.70	47.80 Lt Grn & Purple CT
	47.80	48.60 Fault
	48.60	66.75 Lt Grn & Purple CT
	66.75	70.70 Lt Grn CT & Gry Banding
	70.70	74.30 Alternating Red-Brn & Lt Grn- Purple CT
	74.30	74.74 Fault
	74.74	92.70 Alternating Red-Brn & Lt Grn- Purple CT
	92.70	93.63 Intensely Crackled CT
	93.63	97.50 Alternating CT

97.50	99.24	Ser Schist & shattered core
99.24	100.97	Alternating CT as 70.70-74.30 m
100.97	126.23	Massive Red-Purple CT

126.23 151.25 SOUTH ZONE DEPOSIT STRATIGRAPHY

126.23	136.40	Multiphase Bx Vn; Crackled, Sil, Sulf CT
136.40	140.39	Sulf Matrix CT
140.39	141.40	Intensely Sulf-Hem Crackle CT
141.40	142.43	Sulf Matrix Crackle CT
142.43	143.75	Multiphase Qtz Sulf Bx Vn
143.75	151.25	Mod Crackle CT

151.25 154.27 MASSIVE LT BRN-PK CT: FOOTWALL ROCKS

154.27 154.27 E.O.H



Property: TODD CREEK PROPERTY

Hole: SZD04-03 (10100N, 9900E)

Drilled: JULY 22-27/04

DRILL CORE RECOVERY BY RUN & ACID TEST RESULTS

From - To (Ft)	Actual (Ft)	Recovery (%)	From - To (Ft)	Actual (Ft)	Recovery (%)	From - To (Ft)	Actual (Ft)	Recovery (%)
0 - 7		CASING	166 - 176	10'1	100.80%	336 - 346	9'11	99.20%
7 - 16	5'1	101.10%	176 - 186	9'9	97.50%	346 - 356	10'	100.00%
16 - 26	10'1	100.80%	186 - 196	10'3	102.00%	356 - 366	10'	100.00%
26 - 36	10'	100.00%	196 - 206	9'10	98.00%	366 - 376	9'11	99.20%
36 - 46	10'	100.00%	206 - 216	10'	100.00%	376 - 386	10'	100.00%
46 - 56	10'	100.00%	216 - 226	9'10	98.00%	386 - 396	9'11	99.20%
56 - 66	10'2	101.67%	226 - 236	10'	100.00%	396 - 406	9'9	97.50%
66 - 76	10'	100.00%	236 - 246	10'4	103.30%	406 - 416	10'8	106.67%
76 - 86	10'	100.00%	246 - 256	10'	100.00%	416 - 426	10'	100.00%
86 - 96	9'11	99.20%	256 - 266	10'	100.00%	426 - 436	10'2	101.67%
96 - 106	9'11	99.20%	266 - 276	9'8	96.70%	436 - 446	9'8	96.70%
106 - 116	9'11	99.20%	276 - 286	10'4	103.30%	446 - 456	10'3	102.50%
116 - 126	9'11	99.20%	286 - 296	10'2	101.67%	456 - 466	9'11	99.20%
126 - 136	10'4	103.30%	296 - 306	9'9	97.50%	466 - 476	9'10	98.00%
136 - 146	9'7	95.80%	306 - 316	10'6	105.00%	476 - 486	9'11	99.20%
146 - 156	10'4	103.30%	316 - 326	10'6	105.00%	486 - 496	9'6	95.00%
156 - 166	10'	100.00%	326 - 336	9'11	99.20%	496 - 506	10'3	102.50%

OVERALL RECOVERY AVERAGE= 100.16%

TEST	HOLE DEPTH	ACID TESTS ACTUAL READING	CORR READING
1	154.27 m	68°	62°

# Geofine Exploration Consultants Ltd.

## DIAMOND DRILL LOG

PROPERTY: TODD CREEK

HOLE No.: SZD403

Collar Eastings: 9900.00

Collar Northings: 10100.00

Collar Elevation: 1131.00

Grid: NOR BL @ 10 DEG

Drill Az: 100 deg.

Collar Inclination: -65.00

Grid Bearing: 100.00

Final Depth: 154.27 metres

Target SZD Qtz Bx Vns; Claim Todd 13

Aggressive Drilling BQTW; Casing 2.13 m.

Logged by: D Kennedy

Date: JULY 22-27/04

Down-hole Survey: Acid Test

Core Recovery: 100.16%

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS								
							Au ppm	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm			
0.0	2.13	(OVERBURDEN) casing through boulders.													
		ALT CT: HANGING WALL ROCKS; 2.13 -126.23 m grn to gry to purple-brn; mod-well sil (60-80%), chl (5-15%), local ser, 10-20% feld often replaced by ank; sulf stringers & blu-gry qtz stringers with sulf.													
2.13	17.48	Co Gry-Grn CT; gry grn; mod sil; 60% sil & up to 4 mm grn-cream qtz xtals; 10-15% interstitial chl; 20% rnd rem feld; 2-3% fuch; 2-3% epi; locally 7 cm acid leached area around fract with carb to 5%; vuggy with lim, lim replacing feld? xtals; mod fract; minor qtz-carb to 2 mm in fract; 1% hem as xtals & on minor fract as hem qtz; 1-2% spec as fi grains in local concentrations; 2.16: 0.5 cm qtz vn +/-carb @ 135 deg to CA with 5%													

HOLE No: SZD403

# Geofine Exploration Consultants Ltd.

## DIAMOND DRILL LOG

PROPERTY: TODD CREEK  
HOLE No.: SZD403

Page 2

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS					
							Au ppm	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
		spec, tr py & lim on margins.										
		5.94-6.0: 4 cm crackle zone with qtz-carb matrix @ 45 deg to CA & ang host frags; minor ladder vn.										
		6.75-6.85: 1 mm conj frags @ 60 & 150 deg.										
		7.65-8.80: acid leaching with mod lim throughout.										
		9.02-12.40: Brn CT due to hem in silica matrix; 2% fi spec; tr hem xtals.										
		11.40-11.43: 2, 0.5 cm & 2 mm qtz-chl vns @ 40 deg to CA; chl as ladder vns; wk carb.										
		11.44: 0.5 mm py stringer @ 105 deg to CA.										
		11.30-11.65: 75% sil; fi, well sil, obscuring xtals; well chl & as chl patches up to 0.5 cm; 0.5 mm qtz-carb stringers with py @ 105 deg to CA.										
		14.02: 1 mm py-qtz stringer @ 65 deg to CA.										
		14.55: 6 mm chl-qtz-carb vn @ 40 deg to CA with chl as ladder vn.										
		14.60-14.68: 2.5x7 cm chl patch with 15% py & 10-12% hem.										
		15.13: 3 mm massive py stringer @ 70 deg to CA.										
		15.85-17.48: acid leach to 5% lim, mod fract @ 170 deg to CA with ser-chl on slips.										

HOLE No: SZD403

# Geofine Exploration Consultants Ltd.

## DIAMOND DRILL LOG

PROPERTY: TODD CREEK  
HOLE No.: SZD403

Page 3

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH#	ASSAYS					
							Au ppm	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
17.48	17.73	Fault; yel lim fault gouge & broken core; UC 130 deg & LC 120 deg to CA.										
17.73	20.23	Str Crackle CT; co at top, fi down sect; 20% crustiform qtz-carb matrix; 80% ang frags up to 3 cm; locally 5% fuch; up to 5% epi; tr py in CT, massive py stringers to 1 mm @ 105-110 deg to CA cross- cutting the crackle and offsetting vns. 19.13-20.23: wk crackle; fi 1 mm network of qtz-carb stringers; 7-8 mm wispy vns in mod crackled section @ 50-60 deg to CA; tr py; tr spec. 18.10-18.15: massive py stringer @ 50 deg to CA.	599675	17.73	19.70	1.97	0.001	0.1	16	54	6	16
20.23	22.21	lt grn; Well Sil CT; v fi, mod chl, wk ser, mod epi; 70% sil; 10% interstitial chl; 5% fuch xtals up to 2 mm; 5-8% patchy epi; 10% rem feld; tr-1% py locally 2% py; tr spec; several 3-5 mm qtz-carb vns @ 110-120 deg to CA. 20.98-21.01: 3 cm qtz-carb vn @ 160 deg to CA.										
22.21	23.20	Mod-Str Crackle CT; 20% qtz-carb matrix (up to 50%); 80% 0.5-2 cm ang frags of CT as 20.23-22.21 m;	599625	22.21	23.20	0.99	0.001	0.1	9	3	4	18

HOLE No: SZD403

# Geofine Exploration Consultants Ltd.

## DIAMOND DRILL LOG

PROPERTY: TODD CREEK  
HOLE No.: SZD403

Page 4

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS					
							Au ppm	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
		up to 10% fuch; tr py; tr spec. 22.40-22.60: 3% py in host as diss euhed & rimming frags; LC with ser-lim slip. LC 70 deg & UC 110 deg to CA.										
23.20	27.96	Sulf, Sil Gry CT; dk gr; co, aphan matrix; 4-5% diss & wk banded sooty py ; 1% diss spec; 75% sil as matrix & dk gry qtz xtals; sulf-dk gry qtz banding @ 60 deg to CA; 5-8% interstitial chl; 4-5% fuch xtals 2-3 mm; rem feld xtals 0.5-3 mm; minor carb in 0.5-3 mm stringers @ 60 & 175 deg; rem feld xtals; minor 0.5 mm stringers of qtz-hem; LC @ 65 deg to CA. 27.85-27.86: 2 mm py vns with patchy qtz at 50 & 145 deg to CA.	599626	23.20	24.20	1.00	0.001	0.1	18	5	1	9
			599627	24.20	25.20	1.00	0.001	0.1	14	8	4	8
			599628	25.20	26.20	1.00	0.001	0.1	6	7	4	7
			599629	26.20	27.20	1.00	0.001	0.1	10	9	4	11
			599630	27.20	27.96	0.76	0.001	0.1	14	7	1	13
27.96	30.27	lt grn; Mod-Well Sil CT; fi, mod chl, wk ser, mod epi; 70% sil; 5-10% interstitial chl; 4-5% fuch xtals 4-5 mm; 15% rem feld laths; 0.5% py; tr spec; up to 1 cm qtz & qtz-carb vns @ 110- 115 & 175 deg to CA. 28.65-28.83: 1% euhed py as patches or 0.5 mm stringers	599631	27.96	29.00	1.04	0.001	0.1	7	4	2	13
			599632	29.00	30.27	1.27	0.001	0.1	7	4	2	19

HOLE No: SZD403

# Geofine Exploration Consultants Ltd.

## DIAMOND DRILL LOG

PROPERTY: TODD CREEK  
HOLE No.: SZD403

Page 5

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS					
							Au ppm	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
		assoc with increased qtz. 28.83-29.0: micro bx; 7 mm wide qtz-carb matrix with 1-3 mm frags; 3-5% ehed py in host. "banding" LC gradational @ 70 deg to CA;										
30.27	31.36	Purple Matrix CT; 75% sil; dk purple-gry matrix; 20% lt grn rem feld up to 3 mm in matrix; 5% fuch xtals to 0.5 cm; 5-10% interstitial chl; 2-3% spec xtals to 1 mm; tr hem xtals & hem stain on matrix; 0.5 mm qtz-carb stringers @ 10-40 deg to CA; locally acid leached to 15% lim in up to 15 cm wide bands with Mn; banding @ 65 deg, & top of acid leach gives LC @ 70 deg to CA.										
31.36	38.28	Lt Grn CT; fi; as 27.96-30.27 m; 2% fuch; 5-7% epi xtals up to 5 mm; patches hem; minor 1 mm chl bands with up to 10% ehed py; minor 0.5-3 mm fract's @ 30 deg to CA; 1% diss py; tr spec. 31.36-31.76: acid leached to lim, mod vuggy. 33.92-33.98: hem assoc with qtz vns & spec 2x4 cm patches; spec appears to weather to hem & assoc with 40 deg to CA qtz-carb 1-3 mm stringers; 70% spec, 10% hem, 20% qtz-carb.	599633	33.90	34.90	1.00	0.001	0.1	8	23	4	31
			599634	34.90	35.90	1.00	0.001	0.1	7	14	2	28
			599635	35.90	36.90	1.00	0.305	0.1	1	10	5	23
			599636	36.90	38.28	1.38	0.175	0.1	9	5	1	26

HOLE No: SZD403

# Geofine Exploration Consultants Ltd.

## DIAMOND DRILL LOG

PROPERTY: TODD CREEK  
HOLE No.: SZD403

Page 6

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS					
							Au ppm	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
		35.83: 5 mm qtz-carb vn with 10% hem, ser & chl. 35.70-35.81: well crackled, well sil, ank in crackles; sil frags to 1 cm; 15% qtz-ank matrix. 36.31-36.32: 1 cm qtz-carb vn with 70% spec & minor hem @ 80 deg to CA. 36.32-38.28: gry qtz-chl-sulf in 1-2 mm fract's @ 75 deg to CA; 30% sulfs in fract's; to 1% diss py. LC grad but banding @ 70 deg to CA.										
38.28	40.70	Purple Matrix CT; as 30.37-31.36 m; no acid leach; minor qtz-carb vns up to 1 mm @ 135 & 95 deg to CA. 38.28-40.70: 2% spec xtals to 1 mm. 39.50-40.70: brn CT; as 9.02-12.40 m; due to hem in matrix sil; 2% fi spec; tr-0.5% hem xtals. 40.28: 2 mm spec-qtz stringer @ 60 deg to CA; tr hem; LC @ 70 deg to CA.										
40.70	47.80	Lt Grn & Purple CT; Alternating sections of lt grn CT as 27.96-30.27 m (fi, tr spec) with Purple Matrix CT as 38.28-40.70 m (2% spec as 1 mm xtals); LC at qtz vn @ 70 deg to CA. 42.32-42.35: 2 cm qtz vn @ 80 deg to CA with 45% spec & minor carb.	599637	42.20	43.20	1.00	0.001	0.1	8	15	7	25
			599638	43.20	44.20	1.00	0.001	0.1	1	13	3	25
			599639	44.20	45.20	1.00	0.001	0.1	1	14	4	23
			599640	45.20	46.20	1.00	0.001	0.1	1	3	1	23

HOLE No: SZD403

# Geofine Exploration Consultants Ltd.

## DIAMOND DRILL LOG

PROPERTY: TODD CREEK  
HOLE No.: SZD403

Page 7

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS					
							Au ppm	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
		44.70-44.95: well crackled; 20% qtz-carb matrix with frags to 0.7x2 cm; 2% hem stain.										
		45.13: 3 mm qtz-carb vn @ 60 deg with 70% spec										
		45.18: 4 mm qtz-carb vn @ 60 deg with 50% spec.										
		45.88: 4 mm qtz-carb vn @ 60 deg with 60% spec.										
		47.53-47.80: str carb vns & crackle fillings; well lim.										
47.80	48.60	Fault; broken core, minor gouge; 5% ser slips; 10% lim; UC 55 deg & LC 60 deg to CA.										
48.60	66.75	Lt Grn & Purple CT as 40.70-47.80 m.	599642	54.60	55.60	1.00	0.007	0.1	13	6	7	13
		53.19-53.29: 2 cm qtz-carb vn with 10% chl patches @ 30 deg to CA.	599643	55.60	56.60	1.00	0.001	0.1	6	32	1	16
		53.56-53.61: 1.5 cm qtz-carb vn with 5% hem & 3% py	599644	56.60	57.60	1.00	0.001	0.1	11	13	5	17
		@ 50 deg to CA; micro bx of 70% qtz-carb matrix & 30% rnd frags of host up to 0.5 cm.	599645	57.60	58.60	1.00	0.001	0.1	10	10	2	19
		53.96: 0.5 cm qtz-carb vns, chl on margins @ 30 deg to CA; 2-3% py assoc with spec on margins.										
		54.67-55.24: well sil, blu gry qtz; 90% sil; 5-7% euhed py with 20 & 50 deg lineation to CA; minor spec; crosscutting 0.5 mm qtz-carb stringers; feld & epi xtals obscured; qtz vn at UC 50 deg to CA; LC 55 deg to CA.										
		57.23-57.50: as 54.67-55.24 m with 1 mm massive py stringer @ 50 deg to CA; 1 semi-massive blue-gry qtz vn @ 60 deg to CA;										

HOLE No: SZD403



# Geofine Exploration Consultants Ltd.

## DIAMOND DRILL LOG

PROPERTY: TODD CREEK  
HOLE No.: SZD403

Page 8

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS					
							Au ppm	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
		1 mm massive py stringer @ 50 deg to CA.										
		56.88-56.93: 1 cm crustiform qtz-carb vn @ 140 deg to CA.										
		58.05-58.30: as 54.67-55.24 m; 5-7% diss euhed py.										
		60.80: 3 mm chl-py stringer with 3 mm py patch (5% euhed) @ 60 deg to CA.										
		57.8-58.3: fract & lim, minor acid leach.										
		60.98-61.08: 1 cm qtz-carb vn @ 150 deg to CA.										
		62.79-63.58: 12 crustiform, 3-5 mm qtz-carb vns @ 110 deg to CA;										
		62.8-62.86: 1.5 cm crustiform qtz-carb-chl vn @ 140 deg to CA.										
		63.58-64.72: numerous fract with acid leach up to 18 cm area around fract, fract @ 60-70 deg to CA.										
		65.75-65.79: 2 cm qtz-carb-hem vn with 5% hem stain @ 60 deg to CA with micro bx; 10% rnd frags.										
		65.96-66.60: extremely sil; fract & crackled; 15% blue-gry qtz; 5-10% chl on small fract & as patches; ser assoc with larger fract & lim from 66.40-66.60 m; vugs & lim assoc with most blue-gry qtz & tr py; minor irreg fract with red hem silica.										
66.75	70.70	Lt Grn CT & Gry Banding; well sil; 80% sil; 10% indistinct feld xtals; wk crackled with 5% qtz-ank; 5% chl patches; 2% fuch; tr spec; tr py;										

HOLE No: SZD403

# Geofine Exploration Consultants Ltd.

## DIAMOND DRILL LOG

PROPERTY: TODD CREEK  
HOLE No.: SZD403

Page 9

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS					
							Au ppm	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
		increased py & spec in gry bands. 66.75-68.0: sil, mod-str crackle; intensely sil; v fi; 15% qtz-carb matrix; crustiform hem on qtz-carb vn margins @ 50 & 110 deg to CA & wk & str crackled areas with local micro bx with hem; 5% blue-gry bands up to 1 cm @ 110 deg to CA occur on qtz-carb margins; 68.15-68.25: 2 mm qtz-carb stringer with 5% bleby cpy @ 40 deg to CA.										
70.70	74.30	Alternating Red-Brn & Lt Grn-Purple CT; Red-brn CT as 9.02-12.40 m: 3-4% peppery 1 mm spec, 1% red hem xtals to 1-2 mm, 5% distinct fuch to 0.5 mm, 60% hem stained silica. Lt grn CT: 2% spec to 1mm. Purple CT: 2% peppery spec as 1 mm xtals, 1% hem 1-2 mm xtals.										
74.30	74.74	Fault; broken core, minor gouge, 10% lim; 5% ser on fract, slips @ long angles; red-brn qtz in broken core; UC 50 & LC 55 deg to CA.										
74.74	92.70	Alternating Red-Brn & Lt Grn-Purple CT; as 70.70-74.30 m.  75.13-75.85: lim with minor broken core & ser slips	599646	91.65	92.65	1.00	0.062	0.1	5	4	3	20

HOLE No: SZD403

# Geofine Exploration Consultants Ltd.

## DIAMOND DRILL LOG

PROPERTY: TODD CREEK  
HOLE No.: SZD403

Page 10

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS					
							Au ppm	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
		@ 120 deg to CA. 75.88-75.93: 7, 1 mm hem stained silica vns over 6 cm with 2% euhed py. 77.87: 2 mm dk gry qtz vn @ 70 deg to CA. 79.50-79.61: 5 mm qtz vn with 80% chl @ 165 deg to CA. 79.5-82.35: 4-5% spec as peppery 2 mm xtals. 82.60-83.0: Mod-Str Crackle CT; 15% qtz-carb matrix, well sil, crustiform with ank around wh qtz-carb centre @ 45 deg to CA; 4-5% fuch; ang host frags up to 2x5 cm; locally 60 deg banding of hem-silica matrix. 83.80-84.18: wk crackled with qtz-ank (5%).										
92.70	93.63	Intensely Crackled CT; Sharp UC 50 deg & LC 55 deg to CA. 20% qtz-carb matrix with 5% hem in & on margins; frags to 2 cm with tr spec; 6 mm micro bx vn with hem stain & ser slips @ 55 deg to CA. 93.25-93.63: 2 mm blu-gry qtz stringers @ 140 deg to CA offset by fractures @ 60 deg to CA.										
93.63	97.50	Alternating CT as 70.70-92.70 m; more fract & filled with 1 mm- 2 cm qtz-carb. 96.8-97.5: badly broken core along ser-chl slips @ 175 & 35 deg to CA; well lim on fract with 1 cm yel org-	599647	92.65	93.75	1.10	0.031	0.1	1	12	3	40

HOLE No: SZD403

# Geofine Exploration Consultants Ltd.

## DIAMOND DRILL LOG

PROPERTY: TODD CREEK  
HOLE No.: SZD403

Page 11

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS					
							Au ppm	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
		brn acid leach stain around fract.										
97.50	99.24	Ser Schist & shattered core; UC @ 50 deg to CA; well ser CT, 10% ser, 7-8% chl. 98.97-99.03: fault gouge; soft bl-gry ser mud @ 45 deg to CA.										
99.24	100.97	Alternating CT as 70.70-92.70 m; banding at 105 deg to CA @ grad LC.										
100.97	126.23	Massive Red-Purple CT; (as 56.74-74.33 m in SZD04-01) Subtle banding of str hem matrix silica (5%) which gives 1-3 cm stripes @ 60 deg to CA; 50% sil; 10% chl; 20% feld laths; 5-10% distinct fuch xtals to 0.5 cm; 3-4% spec; 2-3% fi epi to 2 mm; lim on fract; minor 0.5-3 mm qtz-carb increasing in size & num down sect; tr py;  102.0-102.3: 3, 1mm- 1 cm qtz & qtz-carb stringers with 15% hem in & on margins. 102.0: 2 mm vn @ 70 deg to CA. 102.14: 2 mm vn @ 120 deg to CA. 102.28: 1 cm vn @ 60 deg to CA.	599648	102.00	103.00	1.00	0.213	0.1	6	12	4	24
			599649	117.85	118.85	1.00	0.001	0.1	12	19	4	21
			599650	118.85	119.85	1.00	0.005	0.1	13	6	3	63
			599651	123.80	124.80	1.00	0.010	0.1	1	12	5	32

HOLE No: SZD403

# Geofine Exploration Consultants Ltd.

## DIAMOND DRILL LOG

PROPERTY: TODD CREEK

HOLE No.: SZD403

Page 12

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS					
							Au ppm	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
		102.64-102.96: red-brn CT; str sil, 70% sil; mod crackled; 7-8% qtz-ank matrix as 0.5-1 mm stringers around ang host frags up to 5 cm; spec as patches & margins of qtz vns up to 5 cm, hem on spec margins; vns @ 50-60 deg to CA; LC: 8 mm pk silica vn @ 60 deg to CA with 20% spec & rimming hem along qtz-carb vn; epi xtals to 2 mm;										
		111.28-111.72: mod sil to lt pk-grn; well fract & with qtz-carb stringers to 0.5 cm @ 130-160 deg to CA.										
		111.45: 4 mm grn-gry qtz vn @ 110 deg with 5% v fi diss euhed & sooty py.										
		111.72-112.05: mod crackled with 15% qtz-carb matrix; red-purple CT frags to 3 cm; 5% fuch; 45% sil, mod sil;										
		112.05: 7-8% fuch xtals to 0.5 cm; 2-3% spec; 15% interstitial chl; minor fract with chl & ser.										
		116.13: 1 mm bl-gry qtz stringer @ 55 deg to CA with 20% massive euhed & sooty py vn on margins.										
		116.47-116.53: 4 cm gry-grn qtz-sulf matrix bx with 7% euhed py; 30%; vns to 1.2 cm; frags of red-brn CT to 2 cm; UC lineation @ 45 deg to CA; LC of 1 cm carb vn @ 45 deg to CA.										
		117.96-118.36: mod-str crackle; 35% qtz-carb matrix; frags up to 4 cm of red-brn CT;										
		118.06-118.17: 4.5 cm qtz-carb vn @ 50 deg to CA with										

HOLE No: SZD403

# Geofine Exploration Consultants Ltd.

## DIAMOND DRILL LOG

PROPERTY: TODD CREEK  
HOLE No.: SZD403

Page 13

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS					
							Au ppm	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
		3% diss py, 0.5-1% cpy as blebs; ser slips with 1-2 cm acid leach.										
		118.85-119.80: well sil, bleached; 60-65% sil; 5% ser.										
		119.09-119.12: 2% py on 2, 0.5-1 cm blu-gry qtz stringers in ser with slickensides & acid leach to lim.										
		119.21-119.26: 3% py on margins of 1 cm blu-gry qtz stringer @ 130 deg to CA.										
		122.22-123.12: badly broken core; ser slips; acid leach to lim, orge-yel.										
		123.95-124.08: 2 cm blu qtz-carb-sulf vn @ 50 deg to CA; 2-3% sulfs; massive py to 3 mm wide & diss euhed, tr cpy on blu-qtz vn margins.										
		124.42-124.72: lim carb bx zone with 2 cm vn with 10% spec @ 50 deg to CA on lower margin of lim-carb vn; 15% chl in vn; well lim lg vugs to 1 cm.										
		SOUTH ZONE DEPOSIT STRATIGRAPHY; 126.23-151.25 m components include sil, sulf, chl crackled CT, multiphase hydrothermal bx vns with 3-8% py, 0.5%-2% cpy; intense qtz vns +/- hem in vns & matrix.										
126.23	136.40	Multiphase Bx Vn & Crackle Alt Red-Purple CT	599652	126.00	127.00	1.00	0.001	0.1	1	8	2	20
			599653	131.00	132.89	1.89	0.001	0.1	7	3	1	28

HOLE No: SZD403

# Geofine Exploration Consultants Ltd.

## DIAMOND DRILL LOG

PROPERTY: TODD CREEK  
HOLE No.: SZD403

Page 14

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS					
							Au ppm	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
		126.23-126.43: multiphase bx vn; 15% qtz-carb matrix, 1 mm crustiform, blu-grn qtz stringer @ 50 deg to CA with py up to 30% in the stringer which is cut by qtz-carb vns; ang frags to 3 cm of CT; 2-3% sulfs	599655	135.40	136.40	1.00	0.001	0.1	23	7	9	29
		129.37-129.46: bleached; 3% diss ehed & sooty py on fracta to 0.5 mm @ 60 deg to CA.										
		131.02-131.40: intense crackle; 35% qtz-carb crackle matrix; intense 2-3 mm vning @ 40 & 150 deg to CA crosscuts bx; 3% blu-gry stringers & patches with 10-15% py; frags to 3-4 cm; UC with epi & tr spec @ 50 deg to CA; LC @ 50 deg to CA.										
		132.34-133.11: well vn, 2 mm-1.5 cm qtz-carb crustiform vns at 35-50 deg to CA; 3-4% spec.										
		133.11: 0.5 mm massive py stringer cross cutting lt red-brn CT @ 50 deg to CA; bleached to 2 cm on margins; 8-10% fuch xtals; 1% epi on fracta; 0.5% hem xtals; subtle banding of hem silica @ 90 deg to CA.										
		134.31: 0.5 mm py stringer as 133.11 m @ 65 deg.										
		134.13-136.40: qtz-carb vns have grn colour; fuch? 0.5-7 mm 165 deg to CA; LC @ 60 deg to CA.										
		135.56: 1 mm blu gry qtz stringer with 50% py @ 75 deg to CA.										
136.40	140.39	Sulf Matrix CT; UC @ 55 deg to CA.	599656	136.40	137.60	1.20	0.068	0.1	17	100	7	16

HOLE No: SZD403

# Geofine Exploration Consultants Ltd.

## DIAMOND DRILL LOG

PROPERTY: TODD CREEK  
HOLE No.: SZD403

Page 15

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS					
							Au ppm	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
		80% sil; 4% py as 1-2 mm stringers & on crackle margins & blu-gry qtz - hem silica stringers with py @ 60 deg to CA; 5% hem as hem silica in matrix & vns up to 0.5 cm;	599657	137.60	138.74	1.14	0.015	0.1	29	11	17	18
		136.4-138.74: 7-8% hem as matrix & vns up to 1.5 cm with py & tr cpy; 5-7% py in hem vns; 10% fuch locally.	599658	138.74	139.74	1.00	0.036	0.1	27	10	10	15
		138.44: 3 mm blu-gry qtz vn with 15% py @ 50 deg to CA.	599659	139.74	140.39	0.65	0.016	0.1	22	10	5	18
		138.5-138.74: sharp UC @ 60 deg to CA, LC irreg; intensely crackled qtz vn with 7-8% py as euhed xtals, on fi fract margins & as crackle matrix;										
		138.66: ser slip @ 120 deg with 2 cm rusty acid leach stain.										
		138.74-140.39: lt grn, 4-5% hem; 4% sulfs.										
		140.10: 3 mm qtz stringer with 50% py & minor hem on margins 55 deg to CA; LC 45 deg to CA.										
140.39	141.40	Intensely Sulf-Hem Crackle CT 20% qtz-ank matrix with 10% hem; py occurs along margins of hem & up to 1% diss in CT; 0.5 mm massive py stringers cross cutting @ 90-120 deg to CA; overall 3% py, tr cpy.	599660	140.39	141.40	1.01	0.051	0.1	61	13	16	23
		140.39-140.48: 2 cm 50% qtz bx vn with 30% hem & 20% py @ 50 deg to CA. 7-8% py in str bx & as patches to 3 cm; blebs cpy.										

HOLE No: SZD403



# Geofine Exploration Consultants Ltd.

## DIAMOND DRILL LOG

PROPERTY: TODD CREEK  
HOLE No.: SZD403

Page 16

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS					
							Au ppm	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
141.40	142.43	Sulf Matrix Crackle CT as 138.74-140.39 m; 3-4% sulfs; 1 mm blu-gry qtz stringers with 10% py on crackle margins; 4-5% hem as vns & on qtz vn margins; net text; more sil, to 5% fuch, xtals less distinct; LC @ 55 deg to CA.	599661	141.40	142.43	1.03	0.033	0.1	28	25	8	32
142.43	143.75	Multiphase Qtz Sulf Bx Vn; 5-7% py as patches with euhed & sooty py as 2 mm margins to qtz crackles & diss & as narrow vns; 2% cpy blebs assoc with py; 5% dk gry metallic bands of tet? & dk gry qtz bands; 7-8% ank; late stage sulfs forming matrix with vns broken & resealed; 75-80% qtz; 7-8% patchy hem; several stages wk fract with lim & ser; LC sharp @ 45 deg to CA.	599662	142.43	143.75	1.32	8.550	12.5	451	6650	74	453
143.75	151.25	Mod Crackle CT lt gry-grn; v well sil, xtals obscured; mod crackled with 0.5-1 mm qtz-ank; wk hem stain; locally 2-5% fuch; 1-2% sulfs, diss euhed py & tr cpy; LC @ 60 deg to CA.  149.51: 3 mm blu-gry qtz vn with 7-8% py & 3-4% cpy 100 deg to CA & 1 mm chl fract with 15% cpy 55 deg to CA.	599663	143.75	144.75	1.00	0.020	0.1	7	56	8	52
			599664	144.75	145.75	1.00	0.011	0.1	5	20	7	39
			599665	145.75	146.75	1.00	0.007	0.1	16	6	7	41
			599666	146.75	147.75	1.00	0.005	0.1	10	7	7	41
			599667	147.75	148.75	1.00	0.064	0.1	16	73	14	42
			599668	148.75	149.75	1.00	0.019	0.1	13	104	8	36
			599669	149.75	150.50	0.75	0.001	0.1	9	54	9	36
599670	150.50	151.25	0.75	0.541	0.1	7	1715	9	30			

HOLE No: SZD403

# Geofine Exploration Consultants Ltd.

## DIAMOND DRILL LOG

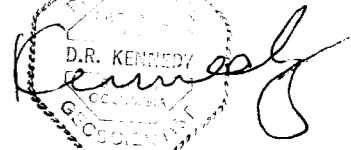
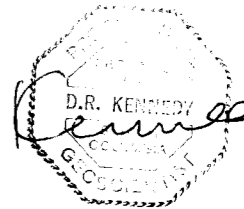
PROPERTY: TODD CREEK  
HOLE No.: SZD403

Page 17

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS					
							Au ppm	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
		149.61: 2 mm blu-gry qtz stringer with 5% py @ 45 deg. LC at 151.15-151.25: 5 cm qtz vn with 5% cpy bleb & 3-4% fi py @ 60 deg to CA. 151.23: 2 mm blu-gry qtz stringer with 7-8% py @ 110 deg.										
		MASSIVE LT BRN-PK CT: FOOTWALL ROCKS; 151.25-154.27 m										
151.25	154.27	Massive Lt Brn-Pk CT	599672	151.25	152.25	1.00	0.001	0.1	11	114	10	49
		fi; lt brn-pk; rnd xtals up to 3 mm; wk-mod sil;	599673	152.25	153.25	1.00	0.001	0.1	6	25	6	47
		60% sil; 20% feld xtals; 5-7% fuch xtals up to 5 mm;	599674	153.25	154.27	1.02	0.108	0.1	7	16	12	44
		tr py; locally wk fract; 2 cm qtz-carb bx vn, crustiform with yel ank rimming vn @ 30 deg to CA; frags up to 2x1 cm.										
		151.29: 5 mm blu-gry qtz stringer with 2-3% py @ 50 deg.										
154.27	154.27	(E.O.H.)										
		36 core boxes; 100.16% recovery										

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
154.27	-62.00	100.00

Q.R.  

DDHSZD04-04

2004/12/07

Page 1

\*\* BORSURV SUMMARY LITHO LOG \*\*

PROPERTY: TODD CREEK

HOLE NO: SZD04-04

COLLAR LOCATION: 10050N, 9925E

ELEVATION: 1132 m

=====

FROM (m)	TO (m)	LITHOLOGICAL UNIT
0.00	1.04	OVERBURDEN
1.04	174.38	ALT CT: HANGING WALL ROCKS
	1.52	8.90 Lt Gry-Grn CT
	8.90	28.20 Dk Grn CT
	28.20	29.95 Purple CT
	29.95	31.32 Lt Gry-Grn CT
	31.32	33.07 Fault Zone
	33.07	40.90 Lt Gry-Grn CT
	40.90	60.67 Grn-Gry CT
	60.67	71.80 Sil, Chl Crackle CT
	71.80	80.17 Gry to Red-Brn CT
	80.17	138.10 Purple & Red-Brn & Gry CT
	138.10	142.40 Ank-Matrix Crackle CT
	142.40	146.90 Red-Purple CT
	146.90	148.90 Fault Zone
	148.90	153.92 Red-Purple CT
	153.92	154.90 Qtz-Carb Matrix Bx Vn
	154.90	154.91 Fault
	154.91	159.43 Purple CT
	159.43	167.16 Alternating Bleached Sil-Ser-Chl CT & Purple CT
	167.16	174.38 Purple CT

174.38 196.25 SOUTH ZONE DEPOSIT STRATIGRAPHY

174.38 180.90 Wk-Str Crackle, Purple & Bleached CT  
180.90 194.03 Sulf Qtz-Hem Bx Vns in Crackle CT  
194.03 196.25 Fault Zone

196.25 199.39 CO PYROCLASTIC: FOOTWALL ROCKS

199.39 199.39 E.O.H.

Property: TODD CREEK PROPERTY  
Hole: SZD04-04 (10050N, 9925E)  
Drilled: JULY 27-31/04

**DRILL CORE RECOVERY BY RUN & ACID TEST RESULTS**

From - To (Ft)	Actual (Ft)	Recovery (%)	From - To (Ft)	Actual (Ft)	Recovery (%)	From - To (Ft)	Actual (Ft)	Recovery (%)
3.38 - 5	17	100.00%	225 - 235	911	99.20%	455 - 465	10'	100.00%
5 - 15	104	103.33%	235 - 245	911	99.20%	465 - 475	101	100.80%
15 - 25	10'	100.00%	245 - 255	102	101.67%	475 - 485	911	99.20%
25 - 35	102	101.67%	255 - 265	10	100.00%	485 - 495	910	98.33%
35 - 45	101	100.80%	265 - 275	101	100.80%	495 - 505	102	101.67%
45 - 55	10'	100.00%	275 - 285	910	98.33%	505 - 515	10'	100.00%
55 - 65	101	100.80%	285 - 295	910	98.33%	515 - 525	103	102.50%
65 - 75	911	99.20%	295 - 305	104	103.33%	525 - 535	10'	100.00%
75 - 85	10'	100.00%	305 - 315	911	99.20%	535 - 545	101	100.80%
85 - 95	94	93.33%	315 - 325	911	99.20%	545 - 555	102	101.67%
95 - 105	911	99.20%	325 - 335	101	100.80%	555 - 565	104	103.33%
105 - 115	911	99.20%	335 - 345	102	101.67%	565 - 575	71	70.83%
115 - 125	102	101.67%	345 - 355	101	100.80%	575 - 585	43	42.50%
125 - 135	910	98.33%	355 - 365	101	100.80%	585 - 595	101	100.80%
135 - 145	98	96.67%	365 - 375	102	102.50%	595 - 605	911	99.20%
145 - 155	103	102.50%	375 - 385	911	99.20%	605 - 615	101	100.80%
155 - 165	101	100.80%	385 - 395	101	100.80%	615 - 625	10'	100.00%
165 - 175	101	100.80%	395 - 405	102	101.67%	625 - 635	103	102.50%
175 - 185	99	97.50%	405 - 415	10'	100.00%	635 - 645	10'	100.00%
185 - 195	10'	100.00%	415 - 425	102	101.67%	645 - 655	9	90.00%
195 - 205	102	101.67%	425 - 435	911	99.20%	655 - 662	77	75.83%
205 - 215	101	100.80%	435 - 445	910	98.33%			
215 - 225	103	102.50%	445 - 455	911	99.20%			

OVERALL RECOVERY AVERAGE= 99.12%

TEST	HOLE DEPTH	ACID TESTS	
		ACTUAL READING (DEG)	CORR READING (DEG)
1	107.90m	82°	79°
2	184.45m	81°	77.5°

# Geofine Exploration Consultants Ltd.

## DIAMOND DRILL LOG

PROPERTY: TODD CREEK

HOLE No.: SZD404

Collar Eastings: 9925.00

Collar Northings: 10050.00

Collar Elevation: 1132.00

Grid: NOR BL @ 10 DEG

Drill Az: 100 deg.

Collar Inclination: -80.00

Grid Bearing: 100.00

Final Depth: 199.39 metres

Target SZD Qtz Bx Vns; Claim Todd 13

Aggressive Drilling BQW: Casing 1.04 m

Logged by: D Kennedy

Date: JULY 27-29/04

Down-hole Survey: Acid Test

Core Recovery: 98.47%

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS							
							Au ppm	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm		
0.0	1.04	OVERBURDEN casing												
		ALT CT: HANGING WALL ROCKS; 1.04-174.38 m grn-gry to purple-brn CT; mod-well sil (60-70% sil); 10-15% chl; locally ser & hem; lim & acid leach in area of fract; up to 20% feld xtals often replaced by ank; 3-4% peppery spec; banding in sil matrix usually in purple CT.												
1.04	8.90	Lt Gry-Grn CT; sil, chl, lt-med gry-grn; v fi; well sil; 60% sil; 15% chl as 10% interstitial & 5-8% xtals up to 0.5 cm; 20% feld as 2 mm altered xtals; 2-3% epi xtals to 1 mm; 1-2% fuch; 1% diss sulf & stringers; minor qtz-carb & qtz-chl crustiform stringers; lim patches. 3.89-3.92: 5 mm hem-qtz stringer & tr py @ 45 deg to CA. 4.00-4.06: 3 cm vuggy qtz vn with 3% diss py, lim & Mn												

HOLE No: SZD404

# Geofine Exploration Consultants Ltd.

## DIAMOND DRILL LOG

PROPERTY: TODD CREEK  
HOLE No.: SZD404

Page 2

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS								
							Au ppm	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm			
		@ 60 deg to CA.													
		5.50-5.65: 4 mm qtz-carb vn @ 30 deg to CA.													
		5.66: 2 mm py-chl stringer @ 120 deg to CA.													
		6.31-6.35: 2 qtz-chl stringers, 3 mm & 6 mm, with 60% chl @ 75 deg to CA; lim in fract.													
		6.91-6.95: 6 mm chl vn & 7 mm qtz vn & 2 mm qtz-chl vn in lim host @ 110 deg to CA.													
		7.79-7.83: 4 mm qtz sulf stringer @ 50 deg to CA, 40% sulf (60/40% cpy/py); 60% hem silica; intense mal stain on LC of vn.													
		8.38-8.43: 2 mm qtz stringer with 80% py @ 40 deg to CA.													
		8.90: LC 1 mm stringer 45 deg to CA.													
8.90	28.2	Dk Grn CT; chl, sil, dk grn; fi, aphan; well chl; wk sulf; alternating dk & med grn; 20% interstitial chl with 7-8% chl xtals; 50% sil as xtals & matrix; 1-3% diss py & minor blebs to 4 mm; hem stringers up to 3 mm; 10.22-10.32: 2 mm tarnished py-qtz in fract, irrid bluish-brassy @ 30 deg to CA; tr aspy. 12.22-12.29: 2 qtz-carb-20% cpy stringers @ 45 deg to CA 2 mm cross cutting qtz-carb-20% cpy stringer intersecting the 3 mm & 5 mm stringers.	599676	21.70	22.70	1.00	0.698	0.1	1	5	3	31			

HOLE No: SZD404



# Geofine Exploration Consultants Ltd.

## DIAMOND DRILL LOG

PROPERTY: TODD CREEK  
HOLE No.: SZD404

Page 3

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS				
							Au ppm	Ag ppm	As ppm	Cu ppm	Pb ppm
		12.65-12.70: 2 mm hem silica stringer with 15% py in & on upper margins as blebs & diss.									
		16.82-16.90: 0.5 mm chl fractrs @ 45 deg to CA with 30% gran py & 2-3% cpy.									
		19.73-19.81: 3 cm qtz-hem bx vn with 15% hem on margins & within @ 45 deg to CA.									
		19.96-20.10: 2.5 cm 80% carb-qtz vn @ 25 deg to CA; wk lim on margins.									
		20.10-20.22: bleached; lim & 5% ser on fract @ 25 deg to CA.									
		20.55-20.80: well lim to orge-brn, 2 ser slips @ 140 deg to CA.									
		22.08-22.62: hem-qtz bx vn; 3-4% spec; 20% qtz-hem matrix with locally up to 10% spec; frags to 6-7 cm; spec assoc with most intense bx areas.									
		25.40-25.52: 4 qtz-carb & qtz-hem stringers up to 1.5 cm @ 50 deg to CA; up to 5% euhed py in & adj to vns; 5% hem.									
		26.25-28.2: pk-brn hem stained bands @ 60-80 deg.									
28.2	29.95	Purple CT; 60-70% sil; xtals to 0.5 cm of grn chl & feld xtals; 5% chl xtals & 5% interstitial chl; 20% feld; 5% fuch; tr fi diss py; grad LC.									
29.95	31.32	Lt Gry-Grn CT as 1.52-8.90 m 70% sil; 5% chl xtals & 5% interstitial; 10% epi; 15% feld;									

HOLE No: SZD404

# Geofine Exploration Consultants Ltd.

## DIAMOND DRILL LOG

PROPERTY: TODD CREEK  
HOLE No.: SZD404

Page 4

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS					
							Au ppm	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
		tr fi diss py; lim near LC; LC @ 50 deg to CA.										
31.32	33.07	Fault Zone; bleached grn, well lim; 4 fault gouge areas up to 4 cm wide, highly broken core; well carb & Mn on fract; wk vn with qtz-carb; LC @ 45 deg to CA.										
33.07	40.90	Lt Gry-Grn CT as 29.95-31.32 m; wk 0.5 mm crackle with epi & ank on crackles.	599677	34.85	35.85	1.00	0.007	0.1	8	5	11	28
			599678	35.85	36.85	1.00	0.064	0.1	1	27	14	27
			599679	36.85	37.85	1.00	0.082	0.6	11	56	37	100
		34.68-34.81: 2, 3 mm qtz stringers with 30% chl @ 30 deg to CA.	599680	37.85	38.85	1.00	0.109	0.1	11	48	4	33
			599681	38.85	39.85	1.00	0.035	0.1	11	168	6	29
		34.86-34.97: 3 mm qtz vn with 15% chl @ 20 deg to CA.	599682	39.85	40.85	1.00	0.013	0.1	5	350	5	32
		35.0-35.74: several bx qtz-carb vns up to 2 cm @ 20-30 deg to CA; frags to 1 cm with tr sulf. 35.97-36.4: fi diss py assoc with chl patches. 38.30-39.03: irreg acid leached to rusty brn-orge yel; carb increases in leached areas.										
40.90	60.67	Grn-Gry CT	599683	40.85	41.85	1.00	0.100	0.1	8	781	7	29
		lt-med grn-gry; fi aphan massive matrix with 30% wh, lath-like rnd feld xtals to 3 mm; 50% sil; 15% chl as	599684	41.85	42.85	1.00	0.032	0.1	14	555	7	26
			599685	42.85	43.85	1.00	0.008	0.1	26	432	37	82
		5% peppery xtals & 10% interstitial; 2-3% hem as xtals & stain; tr py; minor 1-2 mm qtz or qtz-carb vns @ 80-	599687	43.85	44.85	1.00	0.010	0.8	29	132	41	101
			599688	44.85	45.85	1.00	0.008	0.9	22	274	80	112

HOLE No: SZD404

# Geofine Exploration Consultants Ltd.

## DIAMOND DRILL LOG

PROPERTY: TODD CREEK  
HOLE No.: SZD404

Page 5

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS					
							Au ppm	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
		120 deg; a few fract with lim carb.	599689	45.85	46.85	1.00	0.007	0.1	12	117	3	21
		45.34-45.56: 3, 2 mm blu-gry qtz stringers @ 30 deg to CA.	599690	46.85	47.85	1.00	0.008	0.1	11	63	7	19
		52.48: 3 mm blu-gry qtz stringer @ 30 deg to CA.										
		52.59: 3 mm blu-gry qtz stringer @ 30 deg to CA.										
		52.59-52.75: mod crackle bx; 25% lt grn chl-qtz-ank with 5% epi; rnd frags to 1.5 cm.										
		60.06-60.67: well lim to rusty orge-brn, concentric banding around frags; well carb; minor fresh frags;										
		60.18-60.42: Mn, chl & ser on frags @ 55-60 deg to CA; LC @ 35 deg to CA.										
60.67	71.80	Sil, Chl Crackle CT: well sil, well chl, str crackle; UC at 1 cm qtz-hem bx vn @ 35 deg to CA; LC at 4 cm qtz-carb hem vn + fuch xtals to 0.5 cm, well hem on UC with blu-qtz frag; lt gry-grn; fi-aphan (was originally CT); up to 15% ghost feld xtals replaced with ank; 15% matrix crackle with ank; qtz-chl vns & chl patches with up to 15% cpy; comp of 30% ank, 50% sil; 2-3% fuch; 2-3% epi; 0.5-1% cpy in narrow blu-gry qtz vns or chl patches. 60.80-62.38: sil chl crackle with qtz vn, qtz-hem & bx;										

HOLE No: SZD404

# Geofine Exploration Consultants Ltd.

## DIAMOND DRILL LOG

PROPERTY: TODD CREEK  
HOLE No.: SZD404

Page 6

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS					
							Au ppm	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
		60.81: 2 mm qtz-chl vn @ 115 deg to CA.										
		60.95: 1 cm rusty qtz vn @ 50 deg to CA.										
		61.04: 6 mm qtz vn @ 45 deg to CA.										
		61.04-61.43: well lim to rusty orge-brn with chl-ser- chl slips @ 55 deg to CA; slickenslides, well carb.										
		61.13: 0.5 cm blu-gry qtz-carb vn @ 45 deg to CA.										
		61.35-61.43: 5 cm blu qtz-carb bx vn @ 40 deg to CA.										
		61.73: 2 mm blu-gry qtz vn @ 140 deg to CA with 10-12% blebby cpy.										
		61.84: 2 mm qtz-hem vn with 10% chl.										
		61.91-62.34: hem-qtz-fuch bx vns, 2-7 mm subparallel to CA @ 3-4 deg; tr py in blu qtz. 30% hem silica, 15% fuch; 55% wh & blu-gry qtz.										
		61.97: 2 mm blu-gry qtz stringer @ 50 deg to CA off-set by hem-qtz-fuch vns.										
		62.80: 1 mm chl vn @ 40 deg to CA with 0.5% py.										
		62.97: 2 mm qtz-chl stringer @ 45 deg with 3% py, 3% cpy.										
		63.41: 5 mm blu-gry qtz-chl stringer @ 50 deg to CA with 4% cpy as blebs.										
		63.75: 2 mm blu-gry qtz-chl stringer @ 35 deg to CA with 7-8% cpy as blebs.										
		64.08-64.24: 6 mm blu qtz-chl vn @ 35 deg to CA with 10-12% cpy as blebs & patches to 5 mm;										

HOLE No: SZD404

# Geofine Exploration Consultants Ltd.

## DIAMOND DRILL LOG

PROPERTY: TODD CREEK  
HOLE No.: SZD404

Page 7

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS					
							Au ppm	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
		vn cut by 4 cm qtz-carb stringers @ 45 deg to CA.										
		64.38-65.0: discont blu-gry qtz vn with chl patches with up to 7-8% cpy locally; overall 2% cpy with 2-3 mm vns.										
		65.0-65.18: 3 mm blu-gry qtz stringer @ 165 deg to CA; patches chl with 8% py.										
		65.14: chl patches in blu-gry qtz vn with up to 10% cpy.										
		65.65-65.90: irreg 1 mm chl slip @ 10 deg with 10% cpy.										
		65.90-66.42: crackle bx more intense; blu-gry qtz vns up to 4 mm & starting to form net text; crackled around host; 0.5% peppery spec; vns @ 45 deg preferred.										
		66.47: 1 mm chl slip @ 40 deg to CA, 15% cpy.										
		66.55: 6 mm blu-gry qtz-carb stringer with 10% hem, 8% cpy.										
		66.55-67.32: 1% cpy in chl patches in blu-gry qtz.										
		67.28-67.30: blu-gry qtz patch with 10% cpy as blebs, minor chl.										
		67.52-67.68: broken core, well lim, ser, Mn on slips.										
		67.68-69.05: chl patches with 0.5-1% cpy; tr py in host; wh qtz-carb vns increasing to 2-3 mm @ 110-130 deg to CA.										
		67.30-67.50: dk gry; 1 cm granular 8 mm qtz vn down CA with dk gry margins of 2% spec & blebs cpy to 2%; spec on fract.										
		69.05-69.33: badly broken core, ser slips, well carb,										

HOLE No: SZD404

# Geofine Exploration Consultants Ltd.

## DIAMOND DRILL LOG

PROPERTY: TODD CREEK  
HOLE No.: SZD404

Page 8

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS								
				FROM	TO	WIDTH	Au ppm	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
		Mn stained, well lim. 69.85: 3 mm chl-qtz vn @ 135 deg to CA; blebs diss py in host. 70.55-70.65: 1 mm blu-gry qtz stringers with chl to 10%; tr cpy; tr fuch xtals. 70.78-71.26: well sil, well vn with qtz-carb up to 7 mm @ 60 & 25 deg to CA.; 5% ser. 71.26-71.42: 8 cm qtz-carb bx vn @ 40 deg to CA; qtz-carb matrix; frags to 4 cm; tr hem xtals in frags. 71.42-71.80: intensely sil; v fi; 1-2% diss py; tr cpy; fract with lim & carb & ser; LC 40 deg to CA.										
71.80	80.17	Gry to Red-Brn CT; 2% spec as fi peppery 0.5 mm xtals; 20% ank as feld xtal replacement; ank in narrow stringers & vns; 60% sil & hem silica; 5% fuch; tr diss py; 1% hem xtals; 10% interstitial chl; minor qtz-carb; colour banding @ 60 deg of CA. mod fract with chl & ser on slips, lim on fract with acid leach around fract; minor hem bands & qtz-carb vning. 75.0: 5 mm wh qtz-crnb vn @ 55 deg to CA. 75.25: 8 mm wh qtz-carb vn @ 60 deg to CA. 76.94-77.20: 4, 5 mm blu-gry qtz stringers @ 45 deg to CA with 15% spec, 3% hem rimming qtz.	599691	76.70	77.30	0.60	0.001	0.1	1	47	7	26

HOLE No: SZD404

# Geofine Exploration Consultants Ltd.

## DIAMOND DRILL LOG

PROPERTY: TODD CREEK  
HOLE No.: SZD404

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS					
							Au ppm	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
		77.20-77.72: mod bleached;										
		77.69: 3 mm qtz hem stringer @ 40 deg to CA;										
		up to 8% fuch xtals increasing in size & num.										
		80.17: LC @ 50 deg to CA.										
80.17	138.10	Purple & Red-Brn & Gry CT;	609205	122.75	123.95	1.20	0.001	0.1	6	33	9	15
		50% sil; 5-10% distinct fuch xtals to 0.5 cm; tr py to	609206	123.95	125.15	1.20	0.001	0.1	1	7	8	14
		0.5% locally; 3-4% peppery spec; 2-3% carb;	609207	132.00	133.00	1.00	0.147	0.1	21	90	7	20
		subtle 1-3 cm banding of 5% hem matrix silica @ 110-	609208	133.00	134.00	1.00	0.011	0.1	9	4	6	18
		120 deg to CA; 20% ank replacing feld laths; 2% fi epi	609209	134.00	135.00	1.00	0.660	0.1	19	8	6	17
		patches; 10% interstitial chl; 2-3% ser on fract & vn	609210	135.00	136.00	1.00	0.030	0.1	5	8	3	17
		margins of qtz-carb vns, ser increasing down section;	609211	136.00	137.00	1.00	0.001	0.1	6	8	2	15
		0.5 mm - 2 cm irreg qtz-carb vns @ 40-50 deg &	609212	137.00	138.10	1.10	0.087	0.1	1	10	2	19
		25 deg to CA; some lim with carb on fract										
		80.66-80.81: 10 cm wh qtz bx vn @ 60 deg to CA with										
		3-4% chl & 8% ser in frags & on vn margins.										
		81.0: ser-chl slip @ 155 deg to CA rimmed by										
		discont qtz vn.										
		83.25-83.27: 2x3 cm qtz patch with 30% fi spec.										
		87.97: 0.5 cm qtz carb vn @ 20 deg to CA.										
		88.31: 0.5 cm qtz-carb vn @ 25 deg to CA.										
		90.07-90.09: 2 cm qtz-carb vn with 30% v fi spec										
		@ 30 deg to CA.										

# Geofine Exploration Consultants Ltd.

## DIAMOND DRILL LOG

PROPERTY: TODD CREEK  
HOLE No.: SZD404

Page 10

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS					
							Au ppm	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
		90.34-90.70: bleached, sil, chl with 3% ehed py.										
		92.64: 1 cm qtz-carb crustiform vn @ 35 deg to CA.										
		93.55-93.68: qtz-carb bx vn @ 50 deg to CA; 30% qtz-carb matrix with chl patches; 2 mm-3 cm ang frags;										
		95.05: 1 cm qtz-carb vn @ 30 deg to CA.										
		95.88: 1 cm crustiform qtz-carb vn @ 25 deg to CA.										
		96.97-97.15: bleached, sil, chl with 1% py.										
		98.60: 5 mm qtz-carb microbx vn @ 35 deg to CA with 7% hem in matrix; 30% 1-3 mm frags.										
		99.12: 1 cm crustiform qtz-carb vn @ 10 deg to CA with minor chl.										
		101.10-104.44: gry-lt brn; more alt with sil, ser & hem, tr peppery spec; 60% sil; 5% ser on margins of vns & fracts; 3-4% hem xtals & 5% hem silica matrix; 10% ank as feld replacement; 0.5-2 mm qtz-carb stringers in wk crackle; 1% ehed py; 5% fuch xtals up to 2-3 mm.										
		101.45: 2 mm spec stringer @ 170 deg to CA.										
		105.54-109.0: bleached, well sil to lt grn, 70% sil; 10% chl; 10% ser; mod fract with lim to orge-brn, Mn & ser; tr py; LC @ 50 deg to CA.										
		107.55-108.20: borken core, well lim, highly fract,										

HOLE No: SZD404



# Geofine Exploration Consultants Ltd.

## DIAMOND DRILL LOG

PROPERTY: TODD CREEK  
HOLE No.: SZD404

Page 11

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS					
							Au ppm	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
		wk carb.										
		107.05: qtz-carb stringer with 7-8% hem on margins @ 145 deg to CA; 1-2% diss euhed py.										
		108.20-108.56: mod bleached, bx CT; 20% qtz-carb-chl-ser matrix.										
		108.56: 1-2 mm qtz stringer with 5% hem & 5% py.										
		108.90: 1.2 cm blu-gry qtz vn @ 40 deg to CA; crackled, 5% ser.										
		110.84-111.20: 4, up to 20 cm bleached, sil sections as 105.54-109.0 m.										
		109.95: 1 cm qtz-carb stringer with 15% chl & ser @ 55 deg to CA.										
		110.62: 4 mm qtz-ser stringers @ 55 deg to CA.										
		112.04-112.08: 3.5 cm wh qtz vn, minor carb, vuggy; 5% ser.										
		112.37: 1.3 cm qtz stringer @ 130 deg to CA.										
		113.25-115.50: more sil, chl, ser; broken core; qtz vning up to 1 cm, matrix with up to 10% hem; no spec.										
		117.5-118.15: irreg 0.5-4 cm qtz-carb vn @ 175 deg down core; 5% chl & ser on margins.										
		120.22-121.65: broken core, well lim, ser slips, rusty orge-brn.										
		122.75-125.15: several bleached, well sil-chl-ser; py to 0.5% as diss but conc in chl patches; 1 mm blu-gry qtz stringers with tr py										

HOLE No: SZD404

# Geofine Exploration Consultants Ltd.

## DIAMOND DRILL LOG

PROPERTY: TODD CREEK  
HOLE No.: SZD404

Page 12

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS									
							Au ppm	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm				
		on margins. LC gradational.														
		123.35: 2 mm chl stringer with 20% gran py @ 150 deg to CA.														
		125.15-129.26: spec decreasing to 2%; hem silica matrix increasing locally; chl & ser slips on fract & broken core; no py;														
		125.70-126.49: mod crackle purple CT;														
		15% wh qtz-carb matrix with hem silica locally to 30% in highly crackled section 126.2-126.35 m; 2% spec.														
		129.26-129.80: bleached, sil-ser-chl as 105.54-109.0 m; hem silica matrix; broken core with ser slips.														
		129.80-138.10: Alt Purple & Lt Brn-Pk CT;														
		Purple CT: 2% spec, tr hem xtals, 60% sil; 15% ser/chl; sulfs in 1-2 mm blu-gry qtz stringers; 5% hem silica.														
		Lt Brn: no spec; 2% hem xtals locally; 65% sil; 5% ser/chl; 2-3 mm chl fract fillings with py;														
		130.04: 1 cm qtz vn with ser/chl on margins @ 50 deg.														
		130.09: 1 cm qtz vn with ser/chl on margins @ 50 deg.														
		130.09-132.0: blu-gry qtz stringers with tr py.														
		132.1-132.26: 4, 0.5 mm blu-gry qtz stringers with py, tr cpy @ 40 deg to CA.														
		132.55: 3 mm blu-gry qtz stringers with hem & tr py on margins, @ 40 deg to CA.														

HOLE No: SZD404

# Geofine Exploration Consultants Ltd.

## DIAMOND DRILL LOG

PROPERTY: TODD CREEK  
HOLE No.: SZD404

Page 13

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS					
							Au ppm	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
		132.59-132.89: 5, 2 mm blu qtz vns @ 45-55 deg to CA with up to 6% gran py, tr cpy in & on vn margins.										
		133.0-134.0: 6, 2 mm blu-gry qtz stringers @ 45-55 deg to CA with 2-4% py.										
		132.52-132.55: qtz-hem vn with 3-4% spec & hem rims @ 40 deg to CA.										
		134.0-135.0: 3 blu-gry qtz stringers with 3-4% cpy & 2% diss py.										
		134.83-134.93: 4 cm qtz-spec bx vn; 20% patchy spec & rimming blu-gry qtz; 5% hem rimming frags & broken qtz vn; 2% gran py blebs in centre of qtz vn; host is alt, bleached, sil CT.										
		135.09: 0.5 cm qtz vn with 20% spec, hem on margins @ 50 deg to CA.										
		135.69-135.85: 4, 2 mm blu-qtz hem rimmed stringers with 1-3% py @ 120-130 deg to CA; tr py overall.										
		137.20-138.10: bleached, sil-ser-chl with multiple 2 mm blu-gry qtz stringers with 3-5% diss py @ 40-45 deg to CA; 0.5% sulfs.										
		138.08: 50% spec-20% hem-30% qtz-carb vn @ 65 deg to CA; irreg 2 mm-1.5 cm multiphase vn.										
138.10	142.40	Ank-Matrix Crackle CT; 20% matrix with net text of vns @ 0-10 deg to CA; crustiform, multiphase; some micro bx in crackle; patches of travertine? 80% frags of host; 2% peppery spec & as narrow vns decreasing in alt bleached sect; 1-2% diss py.	609213	138.10	139.10	1.00	0.001	0.1	1	7	6	30
			609214	139.10	140.10	1.00	0.027	0.1	1	6	4	20

HOLE No: SZD404

# Geofine Exploration Consultants Ltd.

## DIAMOND DRILL LOG

PROPERTY: TODD CREEK  
HOLE No.: SZD404

Page 14

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS					
							Au ppm	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
		139.45-139.47: pinching qtz-spec-hem vn with 2-3% py, tr cpy @ 180 deg to CA.										
142.40	146.90	Red-Purple CT as 100.97-136.10 m. subtle banding of 5% hem matrix silica; 50% sil; 10% chl; 20% ank replacing feld laths; 5-10% distinct fuch xtals to 0.5 cm; 2-3% spec; 2% fi epi; minor 0.5-5 mm qtz-carb vns; 0.5% py in bleached sil-ser-chl sect up to 35 cm wide as at 144.53-144.85 m & with 2 mm blu-gry qtz vns with up to 10% py & some tr cpy i.e. 143.10-143.20 m, 146.55-146.90 m.	609215	144.50	145.50	1.00	0.001	0.1	5	22	9	21
146.9	148.90	Fault Zone; badly broken core with gouge @ 147.0: minor gouge; 148.55-148.73: gry fault gouge; 148.82-148.87: gry fault gouge; LC @ 55 deg to CA.										
148.9	153.92	Red-Purple CT: well vn, wk crackle. 1 mm-1 cm qtz-carb bx vns 10 deg to CA; ie 142.4-146.9 m.										
153.92	154.90	Qtz-Carb Matrix Bx Vn; UC @ 30 deg to CA; 60-85% matrix; ang frags to 1x5 cm.										
154.90	154.91	Fault; 1 cm, gry-grn ser gouge @ 125 deg to CA.										
154.91	159.43	Purple CT;										

HOLE No: SZD404

# Geofine Exploration Consultants Ltd.

## DIAMOND DRILL LOG

PROPERTY: TODD CREEK  
HOLE No.: SZD404

Page 15

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS					
							Au ppm	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
		154.97-155.16: micro bx; 15% qtz-crb matrix; hem silica & xtals; frags to 4 mm.										
		155.16-155.52: broken core; bleached sil, bx, hem; no gouge.										
		157.75-157.80: lt brn, bleached, sil, ser chl: 5% py on chl slip;.										
159.43	167.16	Alternating Bleached Sil-Ser-Chl & Purple CT; 1% py; several 1-2 mm blu-gry qtz vns with py in & on vns. i.e. 160.83: 3 mm blu-gry qtz vn @ 130 deg to CA with hem & sulf on margins as 10% gran py, 3% cpy blebs; locally banding @ 55 deg to CA.	609203	159.43	160.71	1.28	0.001	0.1	12	136	13	22
			609204	160.71	162.00	1.29	0.036	0.1	6	12	7	64
			599692	162.00	162.80	0.80	0.138	0.1	31	72	9	33
			599693	162.80	163.88	1.08	0.001	0.1	1	22	5	20
			599694	163.88	165.04	1.16	0.020	0.1	6	33	4	19
			599695	165.04	165.64	0.60	0.070	0.1	19	9	6	20
		160.22: 4 mm blu-gry qtz-carb-chl stringers with 5% py in bleached CT @ 45 deg to CA	599696	165.64	166.41	0.77	0.154	0.1	16	229	10	20
			599697	166.41	167.16	0.75	0.001	0.1	1	46	5	23
		162.0-162.25: 13 cm ank-qtz-carb vn @ 40 deg to CA; bands of hem silica, grn ank, qtz-carb with spec & wh qtz-carb; 3% py, 2% cpy.										
		162.25-162.60: 5, 0.5-2 mm blu-gry qtz stringers with tr py.										
		164.14-164.37: several chl slips up to 1 mm with 10% py; 1 blu-gry qtz vn with hem, py & tr cpy on margins.										
		165.10-165.25: 2, blu-gry qtz vn, hem on margins, with py in qtz, tr cpy; py in chl slips.										
		165.67-165.77: blu-gry qtz with 3 wispy py bands to 3 mm @ 40 deg to CA.										
		165.82-165.90: 3 cm qtz-carb band with py margins @ 45 deg										

HOLE No: SZD404

# Geofine Exploration Consultants Ltd.

## DIAMOND DRILL LOG

PROPERTY: TODD CREEK  
HOLE No.: SZD404

Page 16

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS					
							Au ppm	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
		to CA.										
		166.08-166.12: 1.6 cm qtz vn with 10% cpy, 8% hem ; 2% py on margins & fract's parallel to vn.										
		166.35: chl slip with 20% sooty py; 1.5 cm grn-ank band @ 60 deg to CA.										
		166.41-167.16: several blu-gry qtz vns with hem on margins, 10% py, 1% py overall.										
167.16	174.38	Purple CT; 2-3% spec; 10% fuch; chl slips @ 120 deg to CA.	599698	167.16	168.14	0.98	0.012	0.1	5	34	4	22
			599699	168.14	168.84	0.70	0.007	0.1	1	10	6	29
			599700	168.84	170.00	1.16	0.011	0.1	5	61	5	19
		167.16-168.14: 2-3% spec, wk vn with 1-2 mm qtz carb vn 30 & 100 deg to CA; chl slips 120 deg.	609202	170.00	171.00	1.00	0.007	0.1	1	13	4	21
			609216	171.00	172.00	1.00	0.006	0.1	1	11	6	18
		168.90-169.01: 2.5 cm hem-qtz-carb bx vn @ 40 deg to CA; 50% matrix with 5% py on margins; tr cpy.	609217	172.00	173.00	1.00	0.001	0.1	1	15	3	17
			609218	173.00	174.38	1.38	0.001	0.1	1	18	5	17
		169.01-169.10: 1.3 cm blu-gry qtz-hem vn, py on margins, <0.5% blebs cpy in vn.										
		170.8: 1 cm qtz-carb vn with ser-chl on margins, chl slips in core @ 120 deg.										
		172.97: 0.5 cm blu-gry qtz vn with 30% spec @ 40 deg to CA.										
		SOUTH ZONE DEPOSIT STRATIGRAPHY 174.38-196.25 m components incl intense crackling, multiphase hydrothermal bx vns & blu-gry qtz vns with up to 15% py, 5% cpy;										

HOLE No: SZD404

# Geofine Exploration Consultants Ltd.

## DIAMOND DRILL LOG

PROPERTY: TODD CREEK  
HOLE No.: SZD404

Page 17

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS					
							Au ppm	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
		locally 5-10% hem often on vein margins & rimming frags; bleached sections with sil, ser, chl alt.										
174.38	180.90	Wk-Str Crackle, Purple & Bleached CT	609220	174.38	175.68	1.30	0.013	0.1	6	105	3	18
			609221	175.68	176.73	1.05	0.071	0.1	11	13	6	24
		174.38-175.53: wk-str crackle purple CT; 2-3% spec xtals	609222	176.73	177.73	1.00	0.022	0.1	14	14	1	21
		0.5-1 mm crackles with qtz-carb @ 110 & 30 deg to CA.	609223	177.73	178.81	1.08	0.001	0.1	1	75	7	16
		up to 4 mm qtz carb vns @ 40 & 130 deg to CA.	609224	178.81	179.81	1.00	0.006	0.1	5	469	7	15
		174.38-174.43: alt bleached sil-chl-ser crackled with Bx Vn	609225	179.81	180.90	1.09	0.062	0.1	12	41	5	18
		UC & LC @ 40 deg to CA; intensely crackled;										
		3 cm blu-gry qtz vn with bx frags @ 40 deg										
		to CA with py-chl on margins; bx of ank, qtz frags &										
		8-10% patchy granular py, blebs cpy in blu-gry qtz frags to 0.5 cm;										
		40% matrix of ank-qtz;										
		175.38-175.53: 6x10 cm carb-chl patch with 5% spec rimmed										
		by 2 cm hem qtz-carb bx vn; qtz-carb vns cross-cutting patch @										
		85, 135 & 150 deg to CA; LC with 5 mm hem qtz.										
		175.53-177.73: Mod Crackled Bleached CT; lt pk brn;										
		sil-ser-chl;										
		175.53: 6 mm crustiform qtz-carb vn @ 155 deg to CA,										
		minor rimming hem-carb matrix bx.										
		175.53-176.96: no crackle, 1-2% diss py; 2-3% epi.										
		6, 1-2 mm qtz-10% hem fract with 5% py.										
		176.47-176.62: qtz-carb-spec-hem fract fillings with 3% py,										

HOLE No: SZD404

# Geofine Exploration Consultants Ltd.

## DIAMOND DRILL LOG

PROPERTY: TODD CREEK  
HOLE No.: SZD404

Page 18

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS					
							Au ppm	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
		blebs cpy & blu-gry qtz.										
		175.65: 7 mm irreg qtz-carb vn @ 155 deg to CA.										
		175.65-175.94: bx vn @ 175 deg to CA; qtz-carb matrix with 30% frags up to 3-4 mm.										
		176.96-177.73: Str Crackled & Bleached CT; tr cpy; 3% py; 65% sil; 20% qtz-carb-ank matrix with hem silica; chl slips @ 40 deg to CA; 0.5 mm blu-gry qtz stringers 35 & 175 deg; 3 mm irreg fract 25 cm long 175 deg; blu-gry qtz fract fillings with spec patches, hem & chl on margins with 10% py in bx.										
		177.73-178.81: Mod Crackle Purple CT; well sil, 55% sil; 2% spec; qtz-ank crackle fillings; fract with qtz-carb vns @ 85-95 & 150 deg to CA; tr py.										
		177.81-180.90: Wk-Str Crackle Bleached CT; grad UC; 1-2% py; qtz-spec with hem on margins @ 15 deg to CA; 0.5 mm blu-gry qtz vn with 10% py & <1% cpy blebs in crackles;										
		179.35: 2 mm qtz-spec vn, minor hem, @ 25 deg to CA.										
		179.94: 2 mm blu-gry qtz stringers, 12% py & blebs cpy, hem on margins @ 35 deg to CA.										
		179.98: 1 cm wh qtz-carb vn @ 140 deg rimmed with hem & 12% py with blu-gry qtz, 2% blebs cpy; intense crackle by end of section.										

HOLE No: SZD404



# Geofine Exploration Consultants Ltd.

## DIAMOND DRILL LOG

PROPERTY: TODD CREEK  
HOLE No.: SZD404

Page 19

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS					
							Au ppm	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
180.90	194.03	Sulf Qtz-Hem Bx Vns in Crackle CT	609226	180.90	181.93	1.03	9.830	1.6	11	10100	6	19
			609227	181.93	183.12	1.19	11.100	1.4	10	7770	4	33
		180.94-180.97: 1.3 cm blu-gry qtz vn with 5% hem, 5% cpy & 5% py on margins; minor spec.	609228	183.12	184.10	0.98	0.172	0.1	8	358	9	62
			609229	184.10	185.07	0.97	0.247	0.1	13	774	10	36
		180.97-181.03: extremely crackled; tr py.	609230	185.07	186.05	0.98	0.285	0.1	20	236	9	33
		181.03-181.33: qtz-hem matrix bx vn with 2-3% cpy, up to 1% py; 30% hem, 15% blu-gry qtz; 55% frags to 3x2 cm of crackled bleached CT; LC @ 35 deg to CA with blu-gry qtz.	609231	186.05	187.13	1.08	1.045	0.1	43	643	7	38
			609232	187.13	188.29	1.16	0.080	0.1	25	492	11	38
			609233	188.29	189.29	1.00	4.150	1.0	11	4460	2	32
		181.04-181.06: 1 cm qtz-50% hem vn with 8-10% cpy.	609234	189.29	190.29	1.00	0.258	0.1	21	1440	15	77
			609235	190.29	190.90	0.61	1.985	0.5	13	1500	9	65
			609237	190.90	191.90	1.00	0.052	0.1	13	319	7	65
		181.33-191.60: bleached, str crackled;	609238	191.90	192.90	1.00	0.113	0.1	11	2410	7	65
		181.33-181.93: wispy banding of dk gry-blk silica @ 45 deg to CA; blu-gry & hem qtz patches & vns parallel to banding; 7% cpy, locally 15% as up to 0.5x2 cm patches in qtz vn.	609239	192.90	194.03	1.13	0.016	0.1	16	377	3	62
		181.93-189.40: crackle bx with qtz, hem silica & carb; ang-sub rnd frags of crackled & bleached CT; ank in crackles; locally 2 cm crosscutting dk gry to grn-gry sil bands with wispy lineation i.e. 182.3-182.46 m. 1-2% cpy, 1% py.										
		181.93-183.12: 10-20% hem silica; 5% cpy, 2% py; hem blu-gry qtz frags up to 3 cm, carb blu-gry qtz frags to 1 cm; 30-40% crackled, bleached CT frags;										

HOLE No: SZD404

# Geofine Exploration Consultants Ltd.

## DIAMOND DRILL LOG

PROPERTY: TODD CREEK  
HOLE No.: SZD404

Page 20

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS					
							Au ppm	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
		15-20% carb; 10% ank; locally 8-10% sulfs.										
		182.65-182.73: blu-gry qtz vn with 5% hem & 15% sulfs @ 60 deg to CA; 12% cpy, 3% py.										
		182.73-183.12: 20% orge carb, crackled; 8-10% sulf; 8-9% cpy, 1-2% py.										
		183.12-184.10: str crackled; 25% ank matrix; 5% hem silica in blu-gry qtz vns & stringers up to 0.5 cm @ 40-70 deg to CA; well sil; 1-2% py, 0.5% cpy.										
		184.10-185.07: as 181.93-183.12; 50% frags up to 4 cm with hem & carb rims up to 1 cm with blu-gry qtz, 2-3% sulfs; 2% py, 1% cpy.										
		184.87-187.97: 2.5 cm blu-gry qtz vn, with hem, 5% cpy & 2% py @ 145 deg to CA.										
		185.07-185.75: as 183.12-184.10 m; str crackle, 1% diss py, tr cpy.										
		185.17: 1 cm hem-qtz vn @ 70 deg.										
		185.49: 1 cm hem-qtz vn @ 140 deg.										
		185.75-185.93: as 184.10-185.03 m; 50% frags to 4 cm, 3% py, tr cpy.										
		185.93-186.05: as 183.12-184.10 m; crackled; 1% py.										
		186.05-187.13: as 184.10-185.07 m; 50% rnd frags, hem as more discrete patches; 15% hem silica; 3-4% euhed & patches up to .5 cm; gran py patches in matrix 0.5-2 cm; tr-0.5% cpy.										

HOLE No: SZD404

# Geofine Exploration Consultants Ltd.

## DIAMOND DRILL LOG

PROPERTY: TODD CREEK  
HOLE No.: SZD404

Page 21

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS					
							Au ppm	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
		LC @ 45 deg to CA.										
		187.13-188.29: as 183.12-184.10 m; str crackle; 1 mm net text of blu-gry qtz vns with 10% py, 0.5-1% blebs cpy; 3-5% crackle vns; 1-2% py, tr cpy.										
		188.29-189.28: as 181.93-183.2 m; crackled 15-20% hem matrix bx; rnd grn silica frags wkly crackled; 2-3% cpy blebs, 2-3% diss py.										
		189.28-190.90: lt grn-red lt brn; co crackle, more massive; 15% blu-gry qtz & hem matrix; irreg crustiform vns with hem on margins of 1-5 mm blu-gry qtz vn rimming frags of co crackled bleached CT with up to 20% ank; 5% fi diss & sooty py; 1-2% cpy in vns.										
		190.30-190.39: 8 cm hem-qtz & blu-gry qtz vn @ 65 deg to CA. with 8% cpy as patches; 4 cm blu-gry qtz vn at UC @ 40 deg & LC & 65 deg to CA.										
		190.48-190.90: blk-dk gry; 20% fi diss spec; 2-3% hem.										
		190.90-194.03: well crackle with ank, 3-5% spec patches; 5% hem, 2% diss py; sulfs decrease to 194 m & spec increases to 5%.										
		191.15-191.3: 3x2 cm patches spec.										
		192.71: 1.5x4 cm blu-gry qtz patch with 7% py, 3% cpy.										
		192.38-192.45: blu-gry qtz vn & hem patches with 7-8% cpy.										

HOLE No: SZD404

# Geofine Exploration Consultants Ltd.

## DIAMOND DRILL LOG

PROPERTY: TODD CREEK  
HOLE No.: SZD404

Page 22

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS					
							Au ppm	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm
		192.80-192.88: 6 cm blu-gry qtz & wh qtz-carb vn with 15% py, 5% cpy @ 130 deg to CA. 193.09-193.14: 1.5 cm blu-gry vn, hem in centre @ 135 deg to CA; 5% cpy, tr py.										
194.03	196.25	Fault Zone; UC @ 65 deg; gry gouge with ser & chl; 194.60-196.25: broken core & gouge.	609240	194.03	195.26	1.23	0.031	0.1	11	50	8	84
		CO PYROCLASTIC: FOOTWALL ROCKS 196.25-199.39 m										
196.25	199.39	Co Pyroclastic; fi-co; purple-brn; fi-co; rnd frags to 5 cm with chl salvages; patches qtz-carb up to 1 cm; wk sil; 30% sil; 40-50% volcanic ejecta. 196.38-196.53: fi banded blk & purple multiphase vning @ 110 deg to CA.; chl vns with 10% spec & 10% hem. 197.35-197.56: several qtz-carb vns up to 2 cm @ 20 deg to CA. 197.70-199.39: up to 15% of 0.5-4 cm patches qtz-carb.	609241	195.26	196.26	1.00	0.008	0.1	6	18	4	75
			609242	196.26	197.26	1.00	0.001	0.1	1	3	8	74
			609243	197.26	198.26	1.00	0.001	0.1	13	1	10	58
			609244	198.26	199.39	1.13	0.001	0.1	10	4	11	46
199.39	199.39	E.O.H										

HOLE No: SZD404

# Geofine Exploration Consultants Ltd.

## DIAMOND DRILL LOG

PROPERTY: TODD CREEK  
HOLE No.: SZD404

Page 23


---

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS				
							Au ppm	Ag ppm	As ppm	Cu ppm	Pb ppm

47 core boxes; 99% recovery

### DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
107.90	-79.00	100.00
184.45	-77.50	100.00

*D.R. Kennedy*  


HOLE No: SZD404