

LS-07-18



Grid_E:		Collar Survey:		Drill Company:	Springdale Forest	Length:	148	Depth	Azi_TN	Azi_Grid	Dip	Test Type
Grid_N:		Downhole Method:		Drill Start:	8/7/2002	Casing:		50	148		-58.6	FlexIT
Nad27_E:	524636	Dip:	-60	Drill Finish:	8/10/2002	Boxes:	36	101	148.5		-58.7	FlexIT
Nad27_N:	5406669	Azi_Grid:		Logged By:	A. Hilchey	Core Size:	NQ	147.5	149.3		-58.7	FlexIT
Elevation:	233.306	Azi_TN:	150	Log Start:	8/7/2002	Core Location:	"Buchans, NL"					
Log Finish:				Log Finish:	8/10/2002							
Property	Little Sandy	Objective:		Comments:								
Licence												
NTS:												

LS-07-18

Lithology

From To Length

Mineralogy

0	3.05	3.05	OB	Colour:		Pyrite:	
Description:		Clasts/Cryst:		Texture:		Sphalerite:	
				Alteration:		Galena:	
						Chalco:	
						From	To
						Width	Samp
						Zn%	Cu%
						Pb%	Ag g/t
						Au g/t	

3.05	13.61	10.56	FRY	Colour:	G_G	GREY	Pyrite:	3% MIN_V	BLEBS
Description:		Clasts/Cryst:		Texture:	APHA	BB	Sphalerite:		
"Amygdaloidal Rhyolite: Medium greenish grey with dark green spots. Aphanitic silica-sericitic groundmass. Local patchy faint pink hue. 3% 3-15 mm subrounded dark chl filled amygdules. 3% 1 mm chl alt'd mafics. Silicified overprint. 3% py as disseminated blebs in stringers and frac fills, locally semimassive over 10 cm. Upper 1 m contains limonite stain. Broken and blocky."				Alteration:	W	Ser	Galena:		
					W	SIL	Chalco:		

From To Width Samp Zn% Cu% Pb% Ag g/t Au g/t

Structure

LS-07-18

Lithology**From To Length****Mineralogy**

				FromTo														
				3.05	14.75	BB												
13.61	60.15	46.54	FFG	REG G		Colour: G_G	PNK			Pyrite:	3% BLEBS	STR						
						Texture: SIL				Sphalerite:								
						Alteration: W	Ser			Galena:								
						W	SIL			Chalco:								
						Structure												
				FromTo														
				59.5	60													
				FLT		"badly broken,gouge mush, chl alt'n"												
60.15	85.9	25.75	FRY	TEC S	60	Colour: G_G	PNK			Pyrite:	2% BLEBS	STR						
						Texture: APHA	LBB			Sphalerite:								
						Alteration: W	SIL			Galena:								
						W	Ser			Chalco:								
						Structure												
				FromTo														
				60.15														
				GOU		contact												

Lithology**From To Length****85.9 100.25 14.35 FBX**REG
S

65

Description:

"Rhyolite Breccia: Greenish grey with a local pink hue; rhy is aphanitic(sil-ser) with 15% 2-5 mm chl-filled irregular amygdules; rhy fragments up to 10 cm have fluidal delicate textures; groundmass is also weakly chl; fine to blebby dissem py throughout and in qtz-carb vns; 94.85-95.25 m, shr with cloudy qtz frags and 15% blebby splashes of cpy; wk qtz carb strngs and vns throughout"

Clasts/Cryst:

rhyolitic

Colour: G_G

GREY

Texture: LBB

ST

Alteration: W
WSer
SIL

Pyrite:

5% DISS

BLEBS

Sphalerite:

Galena:

Chalco: <1% MIN_V

Minor Lithology

97.3 98 0.7 IDAC

Upp Ctc:

REG

60

Description:

Medium Grained Dacite: Dark grey/black with 25% siliceous 2-5 mm irreg spots; siliceous material is locally strained and boudined; upper ct truncates fol; aphan chl-ser groundmass; looks like an altered granite; chl slicks on broken core; diss py

Clasts/Cryst

felsic

Colour: DKG

G_G

Foliation: 60**Texture:** ST

PHY

Alteration: Chl

M

Pyrite: 2% DISS

QC

W

Sphalerite:

Structure**From To**

94.5 95.73

SHR Local 20 cm segments of weakly fol dark chl with 0.5 cm reduced qtz frags; local rhy blocks; shr'd qtz vn from 94.85-95.25 m with 15% cpy splashes

Structure**From To**

87.8 88.1

BB gouge material; strong chl

From	To	Width	Samp	Zn%	Cu%	Pb%	Ag g/t	Au g/t
92.45	93.45	1	43447	0.01	0.03	0	5.14	0.01
93.45	94.45	1	43448	0.01	0.01	0	0.34	0.01
94.45	94.85	0.4	43449	0.01	0.04	0	0.34	0.01
94.85	95.3	0.45	43451	0.01	2.19	0.01	1.71	0.01
95.3	95.73	0.43	43452	0.01	0	0	0.34	0.01
95.73	96.5	0.77	43453	0	0	0	0.34	0.01
96.5	97.15	0.65	43454	0	0	0	0.34	0.2
97.15	98	0.85	43455	0.01	0.02	0	0.34	0.01
98	99	1	43456	0	0	0	0.34	0.01
99	100.25	1.25	43457	0	0	0	0.34	0.01

100.25 123.88 23.63 ITLREG
S

55

Description:

"Chloritized Andesitic Lapilli Tuff: Dark greenish-grey with 15% 1-20 mm pink crystal shards and irregular fluidal felsic fragments set in a dark aphanitic chl-ser-sil groundmass; strong irreg, locally boudined andw folded qtz carb vns and strngs with splashy blebs and stringers of cpy associated with py; locally badly broken; tr-0.5% cpy from 100.25-105.60 m; 0.5-1% cpy from

Clasts/Cryst:

felsic

Colour: G_G

GRN

Texture: LBB

MOT

Alteration: S
MChl
QC

Pyrite:

3% DISS

BLEBS

Sphalerite:

Galena:

Chalco: <1% MIN_V STR

Lithology**From To Length**

105.60 -116.95 m but locally 10% over 20 cm; tr-
0.5% cpy fro.m 116.95-126.50 m;120.25 m, 4 cm
qtz vn with 5% cpy at 60 tca; 106.20-106.35 m,
qtz,6% cpy;109.22 -109.40 m, qtz strngs @ 50
tca,6% cpy; 110.75-110.95 m, array of cpy strngs
at 45 tca, 5% cpy"

Mineralogy

<u>From</u>	<u>To</u>	<u>Width</u>	<u>Samp</u>	<u>Zn%</u>	<u>Cu%</u>	<u>Pb%</u>	<u>Ag g/t</u>	<u>Au g/t</u>
Structure								
100.25	101	0.75	43458	0.01	0.12	0	0.34	0.01
<u>From</u>	<u>To</u>							
101	102	1	43459	0.01	0.08	0	0.34	0.01
102	103	1	43461	0.02	0.04	0	0.34	0.01
BB								
103	104	1	43462	0.02	0.02	0	0.34	0.01
Structure								
<u>From</u>	<u>To</u>							
104	105	1	43463	0.01	0.01	0	0.34	0.01
105	105.5	0.5	43464	0.02	0.02	0	0.34	0.01
105.5	106	0.5	43465	0.02	0.25	0	0.34	0.01
BB								
106	106.5	0.5	43466	0.01	0.24	0	0.34	0.01
106.5	107.5	1	43467	0.02	0.07	0	0.34	0.01
107.5	108	0.5	43468	0.03	0.07	0.01	0.34	0.01
108	108.5	0.5	43469	0.01	0.13	0	0.34	0.01
108.5	109	0.5	43471	0.01	0.04	0	0.34	0.01
109	109.5	0.5	43472	0.01	1.84	0.01	3.08	0.01
109.5	110	0.5	43473	0.01	0.01	0	0.34	0.01
110	110.5	0.5	43474	0.01	0.46	0	0.34	0.01
110.5	111	0.5	43475	0.01	0.46	0	0.68	0.01
111	111.5	0.5	43476	0.01	0.38	0	0.34	0.01
111.5	112	0.5	43477	0.02	0.32	0	0.34	0.01
112	112.5	0.5	43478	0.01	0.21	0	0.34	0.01
112.5	113.5	1	43479	0.01	0.03	0	0.34	0.01
113.5	114.4	0.9	43481	0.02	0.13	0	95.2	0.01
114.4	115	0.6	43482	0.02	0.47	0	0.34	0.01
115	116	1	43483	0.02	0.02	0	0.34	0.01
116	116.5	0.5	43484	0.02	0.03	0	0.34	0.01
116.5	117	0.5	43485	0.02	0.1	0	0.34	0.01
117	118	1	43486	0.01	0.03	0	0.34	0.01
120.5	121	0.5	43487	0.01	0	0	0.34	0.01
121	121.5	0.5	43488	0.01	0.1	0	0.34	0.01
121.5	122	0.5	43489	0.01	0.01	0	0.34	0.01
123.3	123.7	0.4	43491	0.01	0.06	0	0.34	0.01

LS-07-18

Lithology**From To Length****123.88 135.4 11.52 IDAC**REG
G**Colour:** G_G PNK**Texture:****Alteration:** M CHL
L EPI

Pyrite: 3% DISS MIN_V

Sphalerite:

Galena:

Chalco: TR STR BLEBS

Description:

"Dacite: Medium grained and equigranular, weak faint fol; dark green with light pink spots; 25-30% 2-4 mm irregular siliceous grains set in a chl-ser groundmass; local epi spots; local patches of siliceous rhy; wk qtz car vn with tr cp clots; diss py and py wisps in strngs"

Clasts/Cryst:

Minor Lithology

132.05 135.4 3.35 IAND

Upp Ctc:

REG

S

70

From	To	Width	Samp	Zn%	Cu%	Pb%	Ag g/t	Au g/t
125	125.5	0.5	43492	0.01	0.03	0	0.34	0.01

Description:

Andesite Fragmental: Dark grey green with 5-10% angular 0.2-2 cm felsic fragments and shards set in a dark aphanitic chl-ser sil groundmass; 2% diss py and as blebs and strngs; wk qtz carb veining

Clasts/Cryst

felsic

Colour: G_G GREY**Texture:** PHY**Alteration:** Chl W
Ser M**Foliation:**

Pyrite: 1% DISS STR

Sphalerite:

135.4 147.5 12.1 FRYREG
S

50

Colour: G_G PNK**Texture:** MASS**Alteration:** W Ser
M SIL

Pyrite: 2% FF BLEBS

Sphalerite:

Galena:

Chalco:

Description:

Rhyolite: Grey-green and aphanitic; speckled with 10% 1-2 mm chl alt'd mafics /amygdules; groundmass comprises sil/ser; scattered rounded 1 cm py-filled amygdules as well as strngrf; wk qtz carb veinlets and fracture fills; unit not as amygdaloidal as prev rhy but is texturally the same

Clasts/Cryst:

Minor Lithology

139.25 143.24 3.99 IAND

Upp Ctc:

REG

S

From	To	Width	Samp	Zn%	Cu%	Pb%	Ag g/t	Au g/t
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Description:**Clasts/Cryst**

LS-07-18

Lithology

From To Length

Amygdaloidal Andesite: Dark grey felsic amygdules
and massive/aphanitic with local
clusters of 20% pink silica-ser/chl
zoned irreg 0.5-2.5 cm amygdules
and fragments; diss py within these
vesicles; grdms consists of chl/ser/sil;
lwr ct is shp at 70 tca

Mineralogy

Colour: DKG PNK Foliation:
Texture: MASS
Alteration: Chl S Pyrite: 3% DISS BLEBS
Ser W Sphalerite:

EOH: 148