

LS-07-13



Grid_E:		Collar Survey:		Drill Company:	Springdale Forest	Length:	101	Depth	Azi_TN	Azi_Grid	Dip	Test Type
Grid_N:		Downhole Method:		Drill Start:	7/19/2002	Casing:		50	8.4		-89.7	FlexIT
Nad27_E:	524640.456	Dip:	-90	Drill Finish:	7/22/2002	Boxes:	24	100	295		-89.7	FlexIT
Nad27_N:	5406546.119	Azi_Grid:		Logged By:	J. Reeves	Core Size:	NQ					
Elevation:	229.724	Azi_TN:	0	Log Start:	7/20/2002	Core Location:	"Buchans, NL"					
		Log Finish:			7/23/2002							
Property	Little Sandy	Objective:		Comments:								
Licence												
NTS:												

LS-07-13

Lithology

From To Length

Mineralogy

0 2.74 2.74 OB

Colour:

Pyrite:

Texture:

Sphalerite:

Alteration:

Galena:

Chalco:

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

2.74 25.62 22.88 IBX

REG
S

90

Colour: G_G

Pyrite:

<1% BLEBS

STR

Texture:

Sphalerite:

Alteration:

Chl

Galena:

Chalco:

<1% BLEBS

MIN_V

Description:

"Rhyolite breccia, grey-green with grey and pale pink fragments of rhyolite in a fine grain grey-green matrix. Fragments generally less than 10 cm diameter. Fractures at 50 and 70 degrees to ca. Quartz carbonate veining throughout. Thicker veins at 4.90m - 10 cm, 17.84m - 10 cm, 22.07 - 23.28 m - 1.21 m. Pyrite in blebs and small cubes throughout - less than 1 percent, chalcopryite in blebs and veins less than 1 cm thick, locally 2-3 percent over 10 cm. Mineralization commonly associated with quartz/carbonate veining (22.07m)."

Clasts/Cryst:

LS-07-13

Lithology**From To Length****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>
4.8	5.32	0.52	43251	0.01	0.23	0	0.34	0.01
5.32	6.28	0.96	43252	0.01	1.23	0.01	0.34	0.01
6.28	6.77	0.49	43253	0	0.03	0	0.34	0.01
6.77	7.38	0.61	43254	0	0.41	0	0.34	0.01
7.38	8	0.62	43255	0	0.01	0	0.68	0.01
8	8.59	0.59	43256	0.01	0.82	0	0.34	0.01
8.59	9	0.41	43257	0	0.3	0	0.68	0.01
9	9.53	0.53	43258	0	0.18	0	0.68	0.01
9.53	10.2	0.67	43259	0	0.02	0	0.34	0.01
10.2	11	0.8	43261	0.01	0.02	0	0.34	0.01
11	11.54	0.54	43262	0.01	0.25	0	0.34	0.01
11.54	12.42	0.88	43263	0	0.04	0	0.34	0.01
12.42	13.04	0.62	43264	0.01	0.51	0	0.34	0.01
13.04	14	0.96	43265	0.01	0.72	0	0.34	0.01
14	14.57	0.57	43266	0.01	1.18	0.01	0.34	0.01
14.57	15.16	0.59	43267	0.01	0.57	0	0.34	0.01
15.16	15.65	0.49	43268	0	0.02	0	0.34	0.01
15.65	16.2	0.55	43269	0.01	0.83	0	1.03	0.01
16.2	17	0.8	43271	0	0.1	0	0.34	0.01
17	17.88	0.88	43272	0	0.08	0	0.34	0.01
17.88	18.52	0.64	43273	0	0.09	0	0.34	0.01
18.52	19.18	0.66	43274	0.01	1.67	0.01	0.68	0.01
19.18	20	0.82	43275	0	0.09	0	0.68	0.01
20	20.59	0.59	43276	0	0	0	0.34	0.01
20.59	21.5	0.91	43277	0	0.02	0	0.34	0.01
21.5	22.07	0.57	43278	0	0.01	0	0.34	0.01
22.07	23.28	1.21	43279	0.01	1.12	0.01	0.68	0.01
23.28	23.88	0.6	43281	0	0	0	0.34	0.01

25.62 82.45 56.83 IANDTEC
D**Colour:** DGRN

Pyrite: <1% DISS

Texture:

Sphalerite:

Alteration:

Galena:

Chalco:

Description:

"Andesite, dark grey green, top 82 cm of unit is sheared and foliated at 30 degrees to ca. Diseminated pyrite in cubes and blebs (<2mm) throughout. Core is broken from 25.46 to 31.60 m. Shearing at 40.80-41.50, 51.00-51.70, and

Clasts/Cryst:

Lithology**From To Length**

53.60-54.50. Fault gouge at 77.60-77.70 and 79.10-79.15m. Siliceous alteration from 73.12 to 75.04. Quartz veining throughout with thicker veins at: 28.27 - 15cm with <1% py and chpy, 30.13 - 4 cm with <1% py and 1% chpy, 33.35 - 15 cm with 1% py and chpy, 34.90 - 2cm with 1% py and chpy, 36.62 - 3 cm with 1% py and tr chpy, 38.11 - 7 cm with 1% py and chpy, 40.04 - 7 cm with 1% py, 43.87 - 13 cm with 1% py, 68.58 - 3 cm with 1% py and 1-2% chpy."

Minor Lithology

40.75 45.12 4.37 IBX

Upp Ctc:

REG

S

40

Description:**Clasts/Cryst**

"Rhyolite breccia, grey green with fragments of pale pink to grey rhyolite."

Colour: G_G**Foliation:****Texture:****Alteration:**

Pyrite:

<1% DISS

Sphalerite:

Minor Lithology

49.44 50.75 1.31 IBX

Upp Ctc:

REG

S

40

Description:**Clasts/Cryst**

"Rhyolite breccia, grey green with fragments of pale pink to grey rhyolite."

Colour: G_G**Foliation:****Texture:****Alteration:**

Pyrite:

<1% DISS

Sphalerite:

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>
27.27	28.27	1	43282	0.01	0.05	0	0.34	0.01
28.27	29	0.73	43283	0.01	0.19	0	0.68	0.01
29	29.8	0.8	43284	0.01	0.03	0	0.34	0.01
29.8	30.58	0.78	43285	0.01	0.26	0	0.34	0.01
30.58	31.08	0.5	43286	0.01	0.04	0	0.34	0.01
32.8	33.22	0.42	43287	0.01	0.18	0	0.34	0.01
33.22	33.59	0.37	43288	0.01	0.73	0	0.34	0.01
33.59	33.89	0.3	43289	0.01	0.02	0	0.34	0.01
36.12	36.62	0.5	43291	0.01	0.02	0	0.34	0.01
36.62	37.55	0.93	43292	0.01	0.04	0	0.34	0.01
37.55	38.3	0.75	43293	0.01	0.03	0	0.34	0.01
38.3	38.6	0.3	43294	0.01	0.01	0	0.34	0.01

LS-07-13

Lithology

From To Length

Minor Lithology				Upp Ctc:	
57.94	59.46	1.52	IBX	REG	
				S	40
Description:		Clasts/Cryst			
"Rhyolite breccia, grey green with fragments of pale pink to grey rhyolite."					
Colour: G_G		Foliation:			
Texture:					
Alteration:		Pyrite: <1% DISS			
		Sphalerite:			

Mineralogy

82.45	101	18.55	IAND	REG		Colour: DGRN		Pyrite:	<1% DISS
				S	60	Texture:		Sphalerite:	
Description:		Clasts/Cryst:		Alteration:		Chl		Galena:	
"Andesite porphyry with light green blebs of possibly altered feldspar. Upper 10 cm at contact appears to be tuffaceous with contact at 60 degrees to ca. Quartz veining throughout. Siliceous alteration from 89.87 to 90.75. Pyrite, <1 %, disseminated throughout. Chalcopryrite (1%) in a 3 cm thick quartz vein from 91.60 to 92.00 and ~85 degrees to ca."								Chalco:	

From	To	Width	Samp	Zn%	Cu%	Pb%	Ag q/t	Au q/t
91.08	91.6	0.52	43295	0.01	0.02	0	0.34	0.01
91.6	92	0.4	43296	0.01	0.95	0	0.68	0.01
92	92.4	0.4	43297	0.03	0.02	0	0.34	0.01

EOH: 101