

## H-07-3350



|                   |         |                         |     |                       |                    |                       |         |              |               |                 |            |                  |
|-------------------|---------|-------------------------|-----|-----------------------|--------------------|-----------------------|---------|--------------|---------------|-----------------|------------|------------------|
| <b>Grid_E:</b>    | 6050    | <b>Collar Survey:</b>   |     | <b>Drill Company:</b> | Springdale Forest  | <b>Length:</b>        | 550     | <b>Depth</b> | <b>Azi_TN</b> | <b>Azi_Grid</b> | <b>Dip</b> | <b>Test Type</b> |
| <b>Grid_N:</b>    | 3450    | <b>Downhole Method:</b> |     | <b>Drill Start:</b>   | 14/11/2002         | <b>Casing:</b>        | 44      | 52           |               | 104.9           | -89.3      |                  |
| <b>Nad27_E:</b>   | 508782  | <b>Dip:</b>             | -55 | <b>Drill Finish:</b>  | 23/11/2002         | <b>Boxes:</b>         | 121     | 101          |               | 168.9           | -89.5      |                  |
| <b>Nad27_N:</b>   | 5387505 | <b>Azi_Grid:</b>        |     | <b>Logged By:</b>     | J.Reeves/A.Hilchey | <b>Core Size:</b>     | NQ      | 152          |               | 169.5           | -89.5      |                  |
| <b>Elevation:</b> |         | <b>Azi_TN:</b>          | 270 | <b>Log Start:</b>     | 14/11/2002         | <b>Core Location:</b> | Buchans | 200          |               | 138.9           | -89.6      |                  |
| <b>Property</b>   | Buchans |                         |     | <b>Log Finish:</b>    | 24/11/2002         |                       |         | 251          |               | 161.2           | -89.4      |                  |
|                   |         |                         |     |                       |                    |                       |         | 302          |               | 159             | -88.8      |                  |
|                   |         |                         |     |                       |                    |                       |         | 350          |               | 195.1           | -89.3      |                  |
|                   |         |                         |     |                       |                    |                       |         | 401          |               | 183.2           | -89.2      |                  |
|                   |         |                         |     |                       |                    |                       |         | 450          |               | 187.1           | -88.8      |                  |
|                   |         |                         |     |                       |                    |                       |         | 500          |               | 187.1           | -88.3      |                  |
|                   |         |                         |     |                       |                    |                       |         | 550          |               | 192.2           | -88        |                  |

**Licence**  
**NTS:**

**Objective:** Exploration Infilling

**Comments:**

H-07-3350

### **Lithology**

**From To Length**

### **Mineralogy**

|           |              |              |             |                                                                                                                     |                                                                               |                    |                 |                                                     |         |
|-----------|--------------|--------------|-------------|---------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|--------------------|-----------------|-----------------------------------------------------|---------|
| <b>0</b>  | <b>42</b>    | <b>42</b>    | <b>OB</b>   | <b>Description:</b>                                                                                                 | <b>Clasts/Cryst:</b>                                                          | <b>Colour:</b>     |                 | <b>Pyrite:</b>                                      |         |
|           |              |              |             |                                                                                                                     |                                                                               | <b>Texture:</b>    |                 | <b>Sphalerite:</b>                                  |         |
|           |              |              |             |                                                                                                                     |                                                                               | <b>Alteration:</b> |                 | <b>Galena:</b>                                      |         |
|           |              |              |             |                                                                                                                     |                                                                               |                    |                 | <b>Chalco:</b>                                      |         |
|           |              |              |             |                                                                                                                     |                                                                               |                    |                 | <b>From To Width Samp Zn% Cu% Pb% Ag g/t Au g/t</b> |         |
| <b>42</b> | <b>55.05</b> | <b>13.05</b> | <b>FCGL</b> | <b>Description:</b><br>Felsic Breccia/Conglomerate: Brownish-red and dark greenish-grey; 70% angular to minor well- | <b>Clasts/Cryst:</b><br>70% 1 cm -30 cm angular to lesser well-rounded clasts | <b>Colour:</b>     | G_G PNK         | <b>Pyrite:</b>                                      | TR DISS |
|           |              |              |             |                                                                                                                     |                                                                               | <b>Texture:</b>    | MF SIL          | <b>Sphalerite:</b>                                  |         |
|           |              |              |             |                                                                                                                     |                                                                               | <b>Alteration:</b> | W CARB<br>W EPI | <b>Galena:</b>                                      |         |

H-07-3350

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

rounded red-brown 1-30 cm granitic clasts, lesser fragments of aphanitic pink rhyolite and crimson jasper; poorly sorted granule-sand fill; cream-pistachio green epidote on fracturing; wk carb on micro-fractures; blocky core; broken lwr ct

**Mineralogy**

Chalco:

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |      |      |      |                                                                                                       |          |             | <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> |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|------|-------------------------------------------------------------------------------------------------------|----------|-------------|-------------|-----------|--------------|-------------|------------|------------|------------|---------------|---------------|
| 55.05                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 62.8 | 7.75 | MDY  |                                                                                                       | TEC<br>B |             | Colour:     | GRN       | BRN          |             |            |            |            | Pyrite:       |               |
| <b>Description:</b><br>Faulted Mafic Dyke: Dark-green, massive and aphanitic, strong chl overprint with 5% 1 mm black pyroxene phenos; scattered 1-20 cm hem-healed breccias @30-50 tca; 3 cm healed breccia at lwr ct at 50 tca; 57.30 -62.80 m, strong hematite -healed brecciated fault with irreg. fragments of calcite-vesicular dyke/flow?, broken reactivated zones of broken core and gouge, upper flt ct is shp @ 50 tca, lwr ct is shp/brx and is epidote healed |      |      |      | <b>Clasts/Cryst:</b>                                                                                  |          | Texture:    | Apha        |           | MASS         |             |            |            |            | Sphalerite:   |               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |      |      |      |                                                                                                       |          | Alteration: | P           |           | Chl          |             |            |            | Galena:    |               |               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |      |      |      |                                                                                                       |          |             |             |           |              |             | Chalco:    |            |            |               |               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |      |      |      |                                                                                                       |          |             | <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> |
| 62.8                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 71.4 | 8.6  | FCGL |                                                                                                       | TEC<br>S | 60          | Colour:     | LgtGrn    | PNK          |             |            |            |            | Pyrite:       | TR DISS       |
| <b>Description:</b><br>Sheared Felsic Breccia/Conglomerate: Light-green to green, 60% angular to subrounded 1-30 cm red granite and green dacite porphyry clasts with lesser pink rhy fragments, also scattered crimson chert frags; matrix comprises granule sand fill; entire unit has been sheared with secondary fragmentation and chl/epi alt'n; this unit looks similar to the above unit; carb on microfractures                                                    |      |      |      | <b>Clasts/Cryst:</b><br>60% 1-30 cm angular to subrounded red granite, pink rhyolite and porph dacite |          | Texture:    | FOLw        |           |              |             |            |            |            | Sphalerite:   |               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |      |      |      |                                                                                                       |          | Alteration: | M           |           | Chl          |             |            |            | Galena:    |               |               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |      |      |      |                                                                                                       |          |             | W           |           | EPI          |             |            | Chalco:    |            |               |               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |      |      |      |                                                                                                       |          |             | <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> |

H-07-3350

**Lithology****From To Length****71.4 84.35 12.95 IDAC**REG  
S

80

**Colour:** G\_G

GRN

**Texture:** PHY**Alteration:** P  
M**Mineralogy**

Pyrite: TR DISS

Sphalerite:

Galena:

Chalco:

**Description:**

Fragmental Dacite Flows: Dark-grey green to green, 15-20% 2-3 mm anhedral qtz phenocrysts set in a grey green to dark-green aphanitic silica/lesser chl groundmass, moderate pervasive chl-overprint; unit contains fragmental horizons (flow brx's) 20-60 cm thick, frags are angular and set in an aphyric sil/ser grdms; majority of the unit is coherent; wk carb on microfractures; brkn lwr ct and shp conf upper ct

**Clasts/Cryst:**

fragmental qtz-phyric dacite frags to 84.35 m

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

**84.35 113.95 29.6 IDY**REG  
B**Colour:** G\_G

PNK

**Texture:** mass

Apha

**Alteration:** PChl  
CARB

Pyrite: TR BLEBS

Sphalerite:

Galena:

Chalco:

**Description:**

Intermediate Dyke: Greenish-grey with weak pinkish hue, massive and aphanitic, moderately siliceous (pink k-spar) with a perv chl overprint; 5% 1-10 mm black chl and carb filled vesicles; wk carb in groundmass; tr py blebs wk carb fracturing chill margins and cross-cuts lwr rhyolite porphyry

**Clasts/Cryst:**

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

**113.95 124.55 10.6 FRY**REG  
S

40

**Colour:** BRN**Texture:** PHY

mass

**Alteration:** S  
WSIL  
CARB

Pyrite:

Sphalerite:

Galena:

Chalco:

**Description:**

Hematitic Feldspar-Phyric Rhyolite: Red-brown, 10% 1-3 mm euhedral to anhedral feldspar phenocrysts set in a strongly siliceous hematitic aphanitic groundmass; carb and epidote on moderate microfracturing; locally badly broken

**Clasts/Cryst:**

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

**Lithology****From To Length****Mineralogy****124.55 136.9 12.35 FCGL**

REG

S

70

**Colour:** GRN

PNK

Pyrite:

1% DISS

**Texture:**

Sphalerite:

**Alteration:** M

M

SIL

Chl

Galena:

Chalco:

**Description:**

Felsic Conglomerate: Grey-green but locally pink and reddish brown, sedimentary; 50% felsic /intermediate Qtz and feldspar phyrlic fragments as well as lesser pink rhyolite fragments; clasts are angular to subrounded; gradational local horizons of bedded normally graded sandstones with floating clasts; crimson jasper-rich horizons; unit is moderately silicified with patchy pervasive chl and lesser hem overprint; sst hosted 3% diss py from 130.45-132.15 m

**Clasts/Cryst:**

felsic rhyolite and granite fragments as well as Qtz-phyric dacite frags described at 80 m

| <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> |
|-------------|-----------|--------------|-------------|------------|------------|------------|---------------|---------------|
| 129.4       | 130.4     | 1            | 58905       | 0.01       | 0          | 0          | 0.68          |               |
| 130.4       | 131.2     | 0.8          | 58906       | 0.03       | 0.01       | 0.01       | 3.42          |               |
| 131.2       | 132.1     | 0.9          | 58907       | 0.03       | 0.01       | 0.01       | 2.05          |               |
| 132.1       | 133.1     | 1            | 58908       | 0.01       | 0          | 0          | 0.68          |               |

**136.9 226.6 89.7 FRY**

REG

S

60

**Colour:** LgtGrn

PNK

Pyrite:

TR DISS

**Texture:** mass

Apha

Sphalerite:

**Alteration:** S

M

SIL

Ser

Galena:

Chalco:

**Description:**

Felsic Rhyolitic Breccia: Orange-pink, patchy pervasive lime-green, grey-green in colour, aphanitic with local wk shr'd fabric; unit is dominated by green-grey rhyolite fragmental horizons that are moderately silicified, mod to str sericitized and weakly chloritized; clast supported frags are 0.5-10 cm dia, angular to subang and have pnk silicified rims, and are aphan to Qtz-phyric; unit also comprises alternating 2-5 m massive/aphan orange-pnk strongly silicified flows (1-2 mm Qtz phenos), local fine flow banding at 50 tca; broken reactivated fault zone from 192.60-201.60 m; tr diss py; fragmental horizons are likely pyroclastic flow tops

**Clasts/Cryst:**

rhyolite fragmental horizons, 0.5-10 cm clasts that are angular to subrounded

| <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> |
|-------------|-----------|--------------|-------------|------------|------------|------------|---------------|---------------|
| 214.6       | 215.6     | 1            | 58909       | 0          | 0          | 0          | 0.68          |               |
| 215.6       | 216.6     | 1            | 58911       | 0.02       | 0          | 0          | 0.68          |               |
| 216.6       | 217.6     | 1            | 58912       | 0.01       | 0          | 0.01       | 4.79          |               |

H-07-3350

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

|       |       |     |       |      |   |      |      |
|-------|-------|-----|-------|------|---|------|------|
| 217.6 | 218.6 | 1   | 58913 | 0.01 | 0 | 0.01 | 2.05 |
| 218.6 | 219.6 | 1   | 58914 | 0.01 | 0 | 0.01 | 2.05 |
| 219.6 | 220.6 | 1   | 58915 | 0.01 | 0 | 0    | 2.05 |
| 220.6 | 221.6 | 1   | 58916 | 0.01 | 0 | 0    | 0.68 |
| 221.6 | 222.6 | 1   | 58917 | 0.01 | 0 | 0    | 1.37 |
| 222.6 | 223.6 | 1   | 58918 | 0.01 | 0 | 0    | 1.08 |
| 223.6 | 224.6 | 1   | 58919 | 0.01 | 0 | 0    | 1.37 |
| 224.6 | 225.6 | 1   | 58921 | 0.02 | 0 | 0.01 | 4.11 |
| 225.6 | 226.1 | 0.5 | 58922 | 0.03 | 0 | 0.01 | 5.82 |
| 226.1 | 226.6 | 0.5 | 58923 | 0.12 | 0 | 0.06 | 25   |

**226.6 233 6.4 FRY**REG  
S

20

**Colour:** PNK

GREY

Pyrite: &lt;1% DISS

STR

**Texture:** mass

Apha

Sphalerite: &lt;1% STR vfg

**Alteration:** S  
WSIL  
Ser

Galena: -1% STR DISS

Chalco: TR DISS

**Description:**

Rhyolite Flow: Light-pink in colour, massive and aphanitic, local ghosted feldspars; strongly silicified with local wk green patchy sericite; scattered irreg 0.5 cm gal (up to 1%) stringers and fracture fills containing lesser f.g. sphalerite, py and tr cp; upper 40 cm is a fragmented hyaloclastite; shp wkly shr'd upper ct at 20 tca, lwr ct is shp but irreg @ 50 tca

**Clasts/Cryst:**

| <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> |
|-------------|-----------|--------------|-------------|------------|------------|------------|---------------|---------------|
| 226.6       | 227.1     | 0.5          | 58924       | 1.74       | 0.04       | 0.66       | 65.8          |               |
| 227.1       | 227.6     | 0.5          | 58925       | 0.74       | 0.02       | 0.3        | 28.8          |               |
| 227.6       | 228.1     | 0.5          | 58926       | 0.34       | 0.01       | 0.12       | 8.9           |               |
| 228.1       | 228.6     | 0.5          | 58927       | 1.16       | 0.03       | 0.41       | 28.4          |               |
| 228.6       | 229.1     | 0.5          | 58928       | 0.32       | 0.01       | 0.08       | 10.6          |               |
| 229.1       | 229.6     | 0.5          | 58929       | 0.27       | 0.01       | 0.17       | 53.1          |               |
| 229.6       | 230.1     | 0.5          | 58931       | 0.75       | 0.02       | 0.43       | 55.5          |               |
| 230.1       | 230.6     | 0.5          | 58932       | 0.7        | 0.01       | 0.33       | 38.4          |               |
| 230.6       | 231.1     | 0.5          | 58933       | 0.33       | 0.01       | 0.12       | 22            |               |
| 231.1       | 231.6     | 0.5          | 58934       | 0.02       | 0          | 0.01       | 4.79          |               |
| 231.6       | 232.1     | 0.5          | 58935       | 0.04       | 0          | 0.02       | 10.3          |               |
| 232.1       | 233       | 0.9          | 58936       | 0.01       | 0          | 0.01       | 3.08          |               |

**233 256.47 23.47 IVBX**

REG

**Colour:** G\_G

GRN

Pyrite:

H-07-3350

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

S 50

**Description:**

Feldspar-Phyric Dacitic Fragmental: Grey-green to green; 10-50%, 0.5-10 cm green angular to rounded dacitic fragments comprising 5% 1-2 mm euhedral feldspar phenos and 10% 2-3 mm qtz carb-filled vesicles? in aphan grndms; f.g. ser/sil/chl olive green matrix with qtz-carb vesicles; lwr 2 m contains 2-10 cm rhy fragments from underlying unit; local intermixed rnd'd rhy frags; graded lwr ct

**Clasts/Cryst:**

horizons with 1-5 cm angular to subrounded qtz-carb phyric intermediate clasts and lesser pink rhyolite frags that increase with depth

**Texture:** mass

PHY

Sphalerite:

**Alteration:** M

Chl

Galena:

M

Ser

Chalco:

| <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> |
|-------------|-----------|--------------|-------------|------------|------------|------------|---------------|---------------|
| 233         | 234       | 1            | 58937       | 0.01       | 0          | 0          | 0.68          |               |
| 234         | 235       | 1            | 58938       | 0.01       | 0          | 0          | 0.01          |               |

**256.47 285.77 29.3 FRY**REG  
G**Colour:** PNK LgtGrn

Pyrite: TR DISS

**Texture:** mass

Aphy

Sphalerite:

**Alteration:** S  
PSIL  
Ser

Galena:

Chalco:

**Description:**

Rhyolite Flows: Pink, aphanitic and massive, locally contains feldspar phenocrysts; alternating rhyolite breccia/hyaloclastic horizons and coherent flows; flows are very fine-grained, pink, strongly silicified and have graded fragmental contacts; rhy brx zone from 263.45-271.00 m, frags are 0.5-20 cm diam, subang with chl/ser alt'd rims and f.g chl/ser matrix; wk qtz-carb on microfractures and chl on selvages

**Clasts/Cryst:**

0.5-20 cm pink rhyolite fragmental horizons

| <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> |
|-------------|-----------|--------------|-------------|------------|------------|------------|---------------|---------------|
|-------------|-----------|--------------|-------------|------------|------------|------------|---------------|---------------|

**285.77 343.75 57.98 MFG**REG  
S 60**Colour:** LgtGrn GRN

Pyrite: TR DISS

**Texture:** MOT

PHY

Sphalerite: TR DISS

**Alteration:** S  
MSer  
Chl

Galena: TR BLEBS

FF

Chalco: TR DISS

**Description:**

Vesicular Basaltic Fragmental: Pale-green with patchy green and minor red-brown hem stain; 60-70% 0.2-40 cm angular vesicular basalt bombs and lapilli sized frags with irreg delicate boundaries, comprising pale green to grey, fragment supported in a sausaure mtrx; frags often contain pale saus't alt'n rims; MNZN- Gal

**Clasts/Cryst:**

0.5-40 cm angular to rare subrounded pumice fragments

H-07-3350

## Lithology

From To Length

manifested as scattered blebs in frags and vesicles with late qtz carb phase and tr sph and cpy, tr py is also common in frags and strngs, 338.70-342.10 m contains scattered gal clots; mtrx locally comprises crimson jasper; fragments have not travelled far from source; local strong shearing from 334.70-338.15 m and 342.90-343.75 m at 15 tca

## Mineralogy

| <u>From</u> | <u>To</u> | <u>Width</u> | <u>Samp</u> | <u>Zn%</u> | <u>Cu%</u> | <u>Pb%</u> | <u>Ag q/t</u> | <u>Au q/t</u> |
|-------------|-----------|--------------|-------------|------------|------------|------------|---------------|---------------|
| 305.65      | 306.65    | 1            | 58939       | 0.01       | 0          | 0.01       | 2.4           |               |
| 306.65      | 307.65    | 1            | 58941       | 0.04       | 0          | 0.03       | 1.08          |               |
| 307.65      | 308.65    | 1            | 58942       | 0.02       | 0          | 0.02       | 0.68          |               |
| 308.65      | 309.65    | 1            | 58943       | 0.02       | 0          | 0.02       | 4.45          |               |
| 309.65      | 310.65    | 1            | 58944       | 0.01       | 0          | 0.01       | 2.74          |               |
| 310.65      | 311.65    | 1            | 58945       | 0          | 0          | 0.01       | 2.74          |               |
| 311.65      | 312.65    | 1            | 58946       | 0.03       | 0          | 0.06       | 3.42          |               |
| 312.65      | 313.15    | 0.5          | 58947       | 0.74       | 0.02       | 0.14       | 7.19          |               |
| 313.15      | 314.15    | 1            | 58948       | 0.01       | 0          | 0.02       | 2.74          |               |
| 314.15      | 315.15    | 1            | 58949       | 0.01       | 0          | 0.01       | 1.37          |               |
| 315.15      | 316.15    | 1            | 58951       | 0.02       | 0          | 0          | 0.34          |               |
| 316.15      | 317.15    | 1            | 58952       | 0.01       | 0          | 0          | 1.37          |               |
| 317.15      | 318.15    | 1            | 58953       | 0.01       | 0          | 0          | 0.68          |               |
| 318.15      | 319.15    | 1            | 58954       | 0.01       | 0          | 0          | 2.05          |               |
| 319.15      | 320.15    | 1            | 58955       | 0.02       | 0.01       | 0          | 2.4           |               |
| 320.15      | 321.15    | 1            | 58956       | 0.03       | 0.01       | 0.02       | 3.42          |               |
| 321.15      | 322.15    | 1            | 58957       | 0.05       | 0.01       | 0.02       | 3.42          |               |
| 322.15      | 322.65    | 0.5          | 58958       | 0.61       | 0.03       | 0.21       | 3.77          |               |
| 322.65      | 323.65    | 1            | 58959       | 0.03       | 0          | 0.01       | 1.71          |               |
| 323.65      | 324.65    | 1            | 58961       | 0.02       | 0.01       | 0          | 1.37          |               |
| 324.65      | 325.65    | 1            | 58962       | 0.35       | 0.03       | 0.15       | 2.05          |               |
| 325.65      | 326.45    | 0.8          | 58963       | 0.04       | 0.01       | 0.02       | 1.71          |               |
| 326.45      | 326.95    | 0.5          | 58964       | 0.25       | 0.02       | 0.13       | 2.05          |               |
| 326.95      | 327.95    | 1            | 58965       | 0.02       | 0.01       | 0.01       | 0.01          |               |
| 327.95      | 328.95    | 1            | 58966       | 0.11       | 0.01       | 0.04       | 0.68          |               |
| 338         | 338.5     | 0.5          | 58967       | 0.02       | 0          | 0          | 0.34          |               |
| 338.5       | 339       | 0.5          | 58968       | 0.02       | 0.01       | 0.03       | 0.34          |               |
| 339         | 340       | 1            | 58969       | 0.02       | 0.01       | 0          | 1.08          |               |
| 340         | 341       | 1            | 58971       | 0.02       | 0.01       | 0          | 0.34          |               |

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

|       |       |     |       |      |      |      |      |
|-------|-------|-----|-------|------|------|------|------|
| 341   | 342   | 1   | 58972 | 0.03 | 0.01 | 0.08 | 1.08 |
| 342   | 342.5 | 0.5 | 58973 | 0.22 | 0.02 | 0.47 | 2.05 |
| 342.5 | 343   | 0.5 | 58974 | 0.01 | 0.01 | 0.01 | 1.37 |

**343.75 351.8 8.05 FDY**REG  
S

25

**Colour:** PNK

Pyrite:

**Texture:** PHY

Apha

Sphalerite:

**Alteration:** S

SIL

Galena:

Chalco:

**Description:**

Feldspar-Phyric Felsic Dyke: Pinkish red-brown in colour, 5% 1-2 mm euhedral feldspar phenos, aphanitic strongly silicified groundmass; shp x-cutting ct's with strong chill margins

**Clasts/Cryst:**

5% 1-2 mm feldspar phenos

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

**351.8 413.8 62 MBST**REG  
S

20

**Colour:** GRN

LgtGrn

Pyrite:

1% DISS

**Texture:** PHY

Sphalerite:

**Alteration:** S  
MChl  
Ser

Galena:

TR BLEBS FF

Chalco:

TR DISS

**Description:**

Vesicular Basalt: Green to pale-green in colour, vesicular, porphyritic, locally fragmental; 2-5% concentrated horizons of irreg to rounded white and red carb filled vesicle flow tops; 5% 2-3 mm chl-alt'd feldspar phenos; aphanitic chl groundmass; flow ct's range from 30-40 tca; vesicular basalt fragmental horizons; local tr gal blebs in qtz carb strngs and spots with tr cpy; 1% diss py; irreg qtz-carb filled fracs

**Clasts/Cryst:**

local 1-10 m horizons of 0.5-20 cm fluidal basaltic frags (hyaloclastites)

Minor Lithology

367.15 383.1 15.95 MFG

Upp Ctc:

REG

S

50

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

361.5 362 0.5 58975 0.05 0.01 0.03 1.08

362 362.5 0.5 58976 0.03 0.01 0.05 1.71

362.5 363 0.5 58977 0.02 0.01 0.02 2.74

396.5 397 0.5 58978 0.03 0.01 0.01 2.4

397 397.5 0.5 58979 0.04 0.01 0.08 2.74

397.5 398 0.5 58981 0.02 0.01 0.01 0.34

**Description:**

Vesicular Basaltic Fragmental: Same description as 285.87-343.75 m; local shearing

**Clasts/Cryst**

0.5-40 cm vesicular phyric fragmental basalt

**Colour:** GRN

LgtGrn

**Foliation:****Texture:** PHY**Alteration:** Chl  
SerS  
M

Pyrite: 1% DISS

Sphalerite:

H-07-3350

Lithology

From To Length

413.8 456.4 42.6 MBX

Description:

Poly lithic Mafic-Intermediate Breccia (Debris Flow): Grey-green to dark green, comprises 60-80% poorly sorted frags (see clast descrip); clasts are dominantly carb vesicular - chl phyric aphan int dacites (largest frags) and black aphan bslt's with lesser rhy and vesicular bslt; fragments are angular, 0.5->40 cm (avg 3 cm); 0.1-2 cm dark green/blk bslt frags dominate the matrix accompanied by fine-grained chl, wk-sil; clast to matrix

Clasts/Cryst:

60% fragments, 4 clast types: 1) 35% green-grey-pink angular fluidal aphanitic 1->40 cm (avg. 4 cm) dacitic fragments (mod sil), commonly comprising irreg 2-5 mm carb vesicles as well as 5% 1-3 mm soft clear green chl alt'd phenos/vesic?; 2) scattered black calcite-vesicular basalt (rnd and uniform) to 434.60 m; 3) rare 0.5 -2 cm angular pink rhyolite frags with dusty py, rhyal frags increase in abundance to 2%/clasts after 440 m; 4) 20% 0.1-2 cm angular black-green mafic frags

Mineralogy

Colour: G\_G GRN

Texture:

Alteration: S M Chl CARB

Pyrite: 1% DISS

Sphalerite:

Galena:

Chalco:

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

EOH: 550