

**LARA PROJECT
DIAMOND DRILL HOLE LITHOLOGY LOG**

Lara
DDH 84-3
827745 092B/13

DDH: 84-3

Page 1 of 11

 Collar Location: Grid: East

 UTM: N: 6413,706 E: 436,635 EL: 692 m

 Azimuth 206° Inclination: -55 Total Depth 132.59 m

 Date Start: November 6, 1984
 Finish: November 10, 1984

 TARGET: Zone I. Shallow Test between TR 83-20 and TR 83-25

 Logged by: John Kapusta

| INTERVAL (m) | | LITHOLOGY | MINERALIZATION AND ALTERATION | STRUCTURE |
|---------------|----------------------|--|--|-----------|
| From | To | | | |
| 0.00 | 16.46 | Overburden | | |
| Unit 16.46 | 1 24.84 (8.38) | 1 QELT (3D); Itgngy; mgr; lstr on fol surf; ser-chl; 90-10; 20-25% QE, rd-elong; 15-20% lith (felsic) frags, ang-rd-4mm; 45% lith (mafic) frags, ang-rd-2mm; 45% fldsp xls - 1/2 mm; mod fol; mas in character; hd; sil; gndm is fgr-aph; | <1% pyr, dissem; <1% qtz vn, barren; | |
| Unit 24.84 | 2 27.43 (2.59) | 1 QELT (3D); Itgngy; mgr; lstr on fol surf; ser-chl; 90-10; 20-25% QE, rd-elong; 15-20% lith (felsic) frags, ang-rd-4mm; 5% lith (mafic) frags, ang-subrd- 2mm; 45% fldsp xls - 1/2 mm; mod fol; mas in character; hd; sil; gndm is fgr-aph; | <1% pyr, dissem; <1% qtz vn, barren; mafic frags alt-dk qnchl; | |
| Unit 27.43 | 3 30.26 (2.83) | 1 QELT (1C); Itgngy; mgr; lstr on fol surf; ser-chl; 90-10; 5-10% QE, rd-elong; 15% lith (mafic) frags ang-rd-3mm; 5-10% lith (felsic) frags, ang-rd-2 mm; mod fol; mas in character; hd; sil; gndm is fgr- aph+sil; | <1% pyr dissem; <1% qtz vn + tr pyr; mafic frags alt-dk qnchl; | |

| INTERVAL (m) | | LITHOLOGY | MINERALIZATION AND ALTERATION | STRUCTURE |
|---------------|------------------------------|--|--|-----------|
| From | To | | | |
| Unit 30.26 | <u>4</u> 46.27 (16.01) | <u>1 QELT (3D)</u> ; ltgywh; mgr; lstr on fol surf; ser-chl, 97-3; 20-25% QE, rd-elong; 15% lith (felsic) frags, ang-rd, - 4mm; <5% fldsp xls - 1/2mm; mod fol; mas in character; hd; sil; gadm is fgr-aph; sil; | <1% pyr, dissem; <1% qtz vn, barren; | |
| Unit 46.27 | <u>5</u> 47.24 (.97) | <u>1 LT</u> ; ltgywh; mgr; lstr on fol surf; ser-chl, 92-3; 15% lith (felsic) frags, ang-rd-whispy - 2mm; <5% fldsp xls - 1/2mm; mod fol; hd; sil; gadm is fgr-aph; | 10% pyr, dissem, blebby, wk lam, <1% qtz vn, barren; | |
| Unit 47.24 | <u>6</u> 48.60 (1.36) | <u>1-2 LT</u> ; gngy; mgr; lstr on fol surf; ser-chl, 80-20; <5% QE, rd-elong - 2mm; 15% lith (felsic) frags, ang-rd - 2mm; 5% fldsp xls - 1/2mm; mod fol; hd; sil; gadm is fgr-aph; | 3% pyr, dissem, blebby; <1% qtz vn, barren; | |
| Unit 48.60 | <u>7</u> 51.20 (2.60) | <u>1 LT</u> ; ltgngy; mgr; lstr on fol surf; ser-chl, 85-15; 5% QE, rd-elong - 3mm; 15-20% lith (felsic) frags, ang-rd-whispy - 3mm; <5% fldsp xls - 1/2mm; mod-str fol; hd; sil; not fri; gadm is fgr-aph; | 5% pyr, dissem, wk lam | |
| Unit 51.20 | <u>8</u> 52.64 (1.44) | <u>1 QELT (1C)</u> ; ltgywh; mgr; lstr on fol surf; ser-chl, 95-5; 10% QE, rd-elong; 15% lith (felsic) frags, ang-rd - 4mm; <5% lith (matic) frags, deformed // - fol; mod-str fol; hd; sil; not fri; gadm is fgr; | 1-2% pyr, dissem, wk lam; 1% qtz vn, barren; trcp; trsp; | |

| INTERVAL (m) | | LITHOLOGY | MINERALIZATION AND ALTERATION | STRUCTURE |
|---------------|-----------------------|--|---|-------------------------------------|
| From | To | | | |
| Unit 52.64 | 9 55.70 (3.06) | 1-2LT; ltgngy; mgr; lstr on fol surf; ser-chl 80-20; 45% QE, rd-elong-2mm; 15% lith (felsic) frags, ang-rd-2mm; 45% shards-1mm; 45% fldsp xls- 1/2mm; mod-str fol; hd; sil; grdm is fgr; | 1% pyr, dissem; 4% qtz vn, barren; | |
| Unit 55.70 | 10 56.21 (.51) | 1LT-ltT; ltgngy; mgr-cgr; lstr on fol surf; ser-chl, 90-10; 30-35% lith (felsic) frags, ang-rd, range from 1mm-2cm; 5-10% lith (mafic) frags, deformed ll-fol; mod fol; hd; sil; grdm is fgr; | 1% pyr, dissem; mafic frags alt-dkgn chl; 4% qtz vn; | Crackel box |
| Unit 56.21 | 11 58.74 (2.53) | 1LT; ltgngy; mgr; lstr on fol surf; ser-chl 90-10; 10- 15% lith (felsic) frags, ang-rd-2mm; 2% lith (mafic) frags, ang-rd-2mm; 45% fldsp xls-1/2mm; mod- str fol; hd; sil; not fri; grdm is fgr-aph; | 1% pyr, dissem; 5-10% qtz vn, barren, 1mm- 10cm wide; | Fault gouge from 56.25- 56.33 |
| Unit 58.74 | 12 60.71 (1.97) | 1LT-ltT; ltgngy; mgr-cgr; lstr on fol surf; ser- chl 90-10; 40-45% lith (felsic) frags, ang-rd, -3cm, 50% of these are <1mm-3mm; 50% of these are 3mm- 3cm; 5% fldsp xls-1/2mm; mod fol; hd; sil; grdm is fgr; | 2% pyr, dissem; lam; 1% qtz vn - 8mm wide; | |
| Unit 60.71 | 13 61.57 (.86) | Fault; 85% qtz vn; 10% highly sheared Unit 12; 5% dkgn chl; | | Fault |

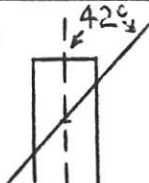
| INTERVAL (m) | | LITHOLOGY | MINERALIZATION AND ALTERATION | STRUCTURE |
|---------------|-----------------------|---|---|-----------|
| From | To | | | |
| Unit 61.57 | 14 65.15 (3.58) | 1 QELT (IC); ltgywh; mgr; lstr on fol surf; ser-chl, 98-2; 5-10% QE, rd-elong-4mm; 5-10% lith (felsic) frags, ang-rd-whispy-2mm; 45% shards-1mm; mod fol; mas in character; hd; sil; qrdm is fgr-aph + sil; | 3% pyr, dissemin; 5% qtz vn, 1mm-17cm, wide; | |
| Unit 65.15 | 15 67.95 (2.80) | 1 QELT-LaT (IC); ltgywh; mgr; lstr on fol surf; ser-chl, 95-5; 10% QE, rd-elong-4mm; 35% lith (felsic) frags, ang-rd-3cm; 45% fldsp xls-1/2mm; mod fol; hd; sil; qrdm is fgr; | 1-2% pyr, dissemin, lam; trgal, dissemin; | |
| Unit 67.95 | 16 69.50 (1.55) | 2 LT-LaT; ltgngy; mgr; lstr on fol surf; ser-chl, 80-20; 25-30% lith (felsic) frags, ang-rd-whispy, from 1mm-5mm; 10-15% lith (felsic) frags, ang-rd, from 5mm-2cm; mod fol; hd; sil; qrdm is fgr; | 1% pyr, dissemin; <1% qtz vn; | |
| Unit 69.50 | 17 71.68 (2.18) | 3 LT; gn-dkgn; mgr; lstr on fol surf; ser-chl, 20-80; 10-15% lith (felsic) frags, ang-rd-whispy-4mm; 45% fldsp xls-1/2mm; mod-str fol; not fri; hd; qrdm is fgr + chl, not a sch; | 1% pyr, dissemin; 5-10% carb, dissemin, blebby; mic vn; | |
| Unit 71.68 | 18 78.51 (6.81) | 1 LaT-TBx; gywh; mgr; lstr on fol surf; ser-chl, 92-8; 5-10% lith (felsic) frags, 1mm-4mm; 10-15% lith (felsic) frags, ang-rd, 4mm-2cm; 25-35% | Sil; 1% pyr, dissemin; 1% qtz vn; | |

| INTERVAL (m) | | LITHOLOGY | MINERALIZATION AND ALTERATION | STRUCTURE |
|--------------|-----------------------|--|--|--------------------------------------|
| From | To | | | |
| | | lith (felsic) frags, ang-subang, 2cm-10cm; mod fol; vhd; sil; gndm is fgr; the larger frags also contain smaller frags, L-T-LaT, both felsic + mafic; | | |
| Unit 78.51 | 19 78.79 (.28) | Intbd 5 arg + 1 L-T-LaT; the unit contains 50% blk arg, tuft, fgr, sft, mod-str fol; this is intbd 1 L-T-LaT, ltgywh, lith frags are 1mm-2cm, ang-rd; the arg forms the matrix - the frags; | 2-3% pyr, dissem; trcp, gal, sp; | contact Unit 18 40° Unit 19 |
| Unit 78.79 | 20 80.77 (1.98) | 1 QELT (2C); ltgywh; mgr; lstr on fol surf; ser-chl, 98-2; 15-20% QE, rd-elong-subang-3mm; 5-10% lith (felsic) frags, ang-rd-2mm; 5% shards-1mm; mod fol; vhd; vsil; gndm is v fgr-aph; | Sil; 5-10% pyr, lam, bedded-8mm wide; semi muspds-3cm, dissem; 1% qtz un; | loc crackel bx |
| Unit 80.77 | 21 82.10 1.33 | 1 QELT (2C); ltgywh; mgr; lstr on fol surf; ser-chl, 95-5; 15-20% QE, rd-elong-subang; 5-10% lith (felsic) frags ang-rd-2mm; 5% shards-1mm; 45% fldsp xls-1/2mm; mod fol; vhd; sl sil; gndm is fgr-aph + sil; from 80.97-81.15, intbd of 3 L-T, dkgn; mod-str fol; | 1-2% pyr, dissem; | |
| Unit 82.10 | 22 83.16 (1.06) | 1 QELT (1B); ltgywh; mgr; lstr on fol surf; ser-chl; 98-2; 10-15% QE, rd-elong-subang; 5-10% lith (felsic) frags, ang-rd-whispy-2mm; 5% shards-1mm, 45% fldsp xls-1/2mm; mod fol; vhd; vsil; gndm is fgr-aph + sil; | Sil; 5% pyr, lam, bedded - semi muspds - 1cm, + dissem + coatings around crackel bx frags; 41% qtz vn; | loc crackel bx |

| INTERVAL (m) | | LITHOLOGY | MINERALIZATION AND ALTERATION | STRUCTURE |
|---------------|-----------------------|--|---|----------------------|
| From | To | | | |
| Unit 83.16 | 23 85.34 (2.18) | 1QELT (1B); ltgywh; mgr; lstr on fol surf; ser-chl, 98-2; 10-15% QE, rd-elong-subang; 5-10% lith (felsic) Frgs, ang-rd-whispy-2mm; 5% shards-1mm; 45% Fldsp xls-1/2mm; mod fol; vhd; vsil; grdm is fgr-aph + sil; | sil; 1-2% pyr, dissemin; <1% qtz vn; | loc crackel bx |
| Unit 85.34 | 24 86.87 (1.53) | Fault; gauge; | | Fault |
| Unit 86.87 | 25 90.99 (4.12) | 1QELT (1B); ltgywh; mgr; lstr on fol surf; ser-chl, 95-5; 5-10% QE, rd-elong-subang; 10% lith (felsic) Frgs, ang-rd-3mm; 5% shards-1mm; 5% fldsp xls- 1mm; mod fol; hd; sil; grdm is fgr-aph + sl sil; | some felsic frags are alt-epidote; <1% pyr, dissemin; 1% carb, dissemin, blebby; <1% qtz vn; | |
| Unit 90.99 | 26 91.37 (.38) | 1LT; ltgngy; mgr; lstr on fol surf; ser-chl 90-10; 30% lith (felsic) frags, subang-rd-2mm; 5-10% lith (felsic) Frgs, subang-rd-2mm; grdm is fgr; | 1-2% pyr, dissemin; 10-15% qtz vn; Unit is alt-epidote; | intense shearing; |
| Unit 91.37 | 27 93.40 (2.03) | 1QELT (2C); ltgywh; mgr; lstr on fol surf; ser-chl, 95-5; 10-15% QE, rd-elong; 15% lith (felsic) frags, ang-rd-whispy-3mm; 5-10% lith (dacitic) frags, ang -rd-3mm; 5% shards-1/2mm; 45% fldsp xls-1/2mm; mod fol; hd; sil; grdm is fgr; | 1% pyr, dissemin; <1% qtz vn; | |

| INTERVAL (m) | | LITHOLOGY | MINERALIZATION AND ALTERATION | STRUCTURE |
|---------------|-----------------------|--|--|---------------------|
| From | To | | | |
| Unit 93.40 | 28 93.84 (.44) | 1 QELT-LaT (1D); lt gngy; mgr-cgr; lstr on fol surf; ser-chl 95-5; 10% QE, rd-elong; 40-45% lith (felsic) frags, ang-rd-4mm, the larger frags also contain smaller frags; 5% lith (mafic) frags, ang-rd-1cm, these frags also contain smaller frags, mainly felsic; 5% fldsp xls-2mm; mod fol; vhd; vsil; grdm is fgr-aph + sil; | sil; 60% of felsic frags are wk alt - epidote; 4% carb, in micro fractures; 4% qtz vn; | |
| Unit 93.84 | 29 94.70 (.86) | CHT (50%) + intnl 1 QELT (1C); the CHT is lt gngy wh; fgr, lstr on fol surf; ser-chl 100-0; 10% lith (felsic) frags? - 1/2 mm; mod fol; vhd; vsil; grdm is fgr-aph; the 1 QELT is lt gngy wh; mgr; lstr on fol surf; ser-chl 98-2; 10% QE, rd-elong; 10% lith (felsic) frags, ang-rd-2mm; mod fol; hd; sil; grdm is fgr-aph + sil; | sil; 4% pyr, dissem; 2% qtz vn; | loc crackel bx |
| Unit 94.70 | 30 96.00 (1.30) | 1-2 QELT (1B); lt gngy; mgr; lstr on fol surf; ser-chl 85-15; 10% QE, rd-elong; 15% lith (felsic) frags-ang-rd-2mm; 45% fldsp xls-1mm; mod fol; hd; sil; grdm is fgr-aph + sil; | < 1% pyr, dissem; 1% carb, microfractures; | |
| Unit 96.00 | 31 96.56 (.56) | 1-2 QELT (1B); lt gngy; mgr; lstr on fol surf; ser-chl, 85-15, 10% QE, rd-elong; 15% lith (felsic) frags, ang-rd-2mm; 45% fldsp xls-1mm; mod fol; hd; sil; grdm is fgr- | < 1% pyr, dissem; 5% carb, infilling fractures; 5% qtz vn - 3cm wide | bx; loc fault gauge |

| INTERVAL (m) | | LITHOLOGY | MINERALIZATION AND ALTERATION | STRUCTURE |
|----------------------|-------------------------------|---|---|------------------|
| From | To | | | |
| | | aph + sil; | | |
| <u>Unit</u> 96.56 | <u>32</u> 97.10 (.54) | <u>2-3LT</u> ; gn; mgr; lstr on folsurf; ser-chl 40-60; 50-55% lith (felsic) frags, ang-rd - wispy - 2mm; 5-10% fldsp xls - 1mm; wk fol; mas in character; hd; sl sil; grdm is fgr; | <1% pyr, dissem; some, 80% felsic frags, alt- epidote; 1% qtz vn; | |
| <u>Unit</u> 97.10 | <u>33</u> 97.74 (.64) | <u>1-2 LaT-TBx</u> ; ltggy; mgr; lstr on folsurf; ser-chl 85- 15%; 50% lith (felsic) frags, ang-rd, from 1mm - 4cm, larger frags also contain smaller frags; wk fol; mas in character; hd; sl sil; grdm is fgr; | 1-2% pyr, dissem; | |
| <u>Unit</u> 97.74 | <u>34</u> 99.04 (1.30) | <u>2QELT (2C)</u> ; ltgngy; mgr; lstr on folsurf; ser-chl, 80-20; 15-20% QE, rd-elong; 5-10% lith (felsic) frags, ang-rd - wispy - 2mm; <5% fldsp xls - 1/2mm; mod-str fol; hd; sl sil; grdm is fgr; from 98.41 - 98.56, intbd of 3LT, fgr; | 1% pyr, dissem; | bedding ← 52° |
| <u>Unit</u> 99.04 | <u>35</u> 100.39 (1.35) | <u>1QELT (2D)</u> ; ltgngy; mgr; lstr on folsurf; ser-chl, 90-10; 10-15% QE, rd-elong; 10-15% lith (felsic) frags, ang-rd - 3mm; <5% fldsp xls - 1/2mm; mod fol; hd; sil; grdm is v fgr - aph + sil; | 1-2% pyr, dissem, blebby; <1% qtz vn; | |

| INTERVAL (m) | | LITHOLOGY | MINERALIZATION AND ALTERATION | STRUCTURE |
|----------------|------------------------|---|---|--|
| From | To | | | |
| Unit 100.39 | 36 101.42 (1.03) | 2LT; ltgn; mgr; lstr on folsurf; ser-chl, 65-35; <5% QE, rd-elong-2mm; 15% lith (felsic) frags, ang-rd, -2mm; 5% lith (mafic) frags, ang-rd-deformed; 11-fol-2mm; 5% fldsp xls-1/2mm; mod-str fol; slhd; sil; grdm is fgr + has a felted texture; | <1% pyr, dissem; <1% carb, dissem + in micro fractures; | |
| Unit 101.42 | 37 105.71 (4.29) | 1QELT (2C); ltgywh; mgr; lstr on folsurf; ser-chl, 95-5; 15% QE, rd-elong; 10% lith (felsic) frags, ang-rd-3mm; 5% lith (mafic) frags, ang-rd-2mm; wk fol; mas in character; vhd; sil; grdm is fgr - aptsil; | felsic frags alt-sericite; mafic frags alt-chl; <1% dissem pyr; 1% qtz vn; <1% carb, micro fractures; | |
| Unit 105.71 | 38 108.81 (3.10) | 3LT; gn-dkgn; mgr; lstr on folsurf; ser-chl, 20-80; 10-15% lith (felsic) frags, ang-rd-4mm; 90% of these are from 1-2mm; 10% fldsp xls-1/2mm; mod-str fol; slhd; grdm is fgr + has a felted texture; | <1% pyr, dissem; felsic frags alt-epidote <1% carb, micro fractures | |
| Unit 108.81 | 39 111.07 (2.26) | 1-2LT; ltgngy; mgr; lstr on folsurf; ser-chl, 85-15; 5% QE, rd-elong-subang-3mm; 5% fldsp xls-1mm; mod fol; slhd; grdm is fgr + has a felted texture; | <1% pyr, dissem; 20% qtz vn - 11cm wide; | |
| Unit 111.07 | 40 117.71 (6.64) | 2QELT (1D); ltgngy; mgr; lstr on folsurf; ser-chl, 75-25; 10% QE, rd-elong; 15-20% lith (felsic) frags, ang-rd-whispy-2mm, rr-4mm; mod fol; slhd; grdm is fgr + has a felted texture; | some felsic frags are wk alt-epidote; <1% qtz vn; 1% carb in micro fractures; <1% pyr; dissem; | lam  |

| INTERVAL (m) | | LITHOLOGY | MINERALIZATION AND ALTERATION | STRUCTURE |
|----------------|------------------------|---|---|-----------|
| From | To | | | |
| Unit 117.71 | A1 120.28 (2.57) | 2LT; lt gngy; mgr; lstr on folsurf; ser-chl, 75-25; 5% QE, rd - elong - 3mm; 20-25% lith (felsic) frags, ang - rd - 4mm; mod fol; slhd; grdm is fgr + has a felted texture; | felsic frags alt - epidote; <1% pyr, dissemin; <1% qtz vn; 1% carb in microfractures; | |
| Unit 120.28 | A2 122.53 (2.25) | 1-2LT; lt gngy; mgr; lstr on folsurf; ser-chl, 85-15; 15% lith (felsic) frags, ang - rd - whispy - 2mm; <5% shards - 1mm; <5% fldsp xls - 1/2 mm; mod - str fol; slhd; slsil; grdm is fgr, + has a felted texture; | <1% dissemin, pyr; | |
| Unit 122.53 | A3 126.44 (3.91) | 2-3LT; gn; mgr; lstr on folsurf; ser-chl, 30-70; 30% lith (felsic) frags, ang - rd - 2mm, rr - 5mm; 10% fldsp xls - 1mm; mod fol; mas in character; slhd; grdm is fgr + has a felted texture; | <1% pyr dissemin; 1-2% qtz vn - 5cm wide; | |
| Unit 126.44 | A4 128.39 (1.95) | 2QELT (3C); gqwh - gngy; mgr; lstr on folsurf; ser- chl, 60-40; 5-10% QE, rd - elong; 20-25% lith (felsic) frags, ang - rd - 4mm; 5% fldsp xls - 1mm; mod fol; hd; grdm is fgr; | 3% pyr, dissemin, blebby; 3% carb, dissemin, + in micro fractures; | |
| Unit 128.39 | A5 132.59 (4.20) | 2-3LaT-TBx; gn; mgr; lstr on folsurf; ser-chl, 60-40; 15-20% lith (felsic) frags, ang - rd - 4mm; 20% lith (felsic) frags, ang - rd, from 4mm - 9cm; 10-15% lith (mafic) frags, ang - rd - 4mm; 5% | | |

DRILL HOLE RECORD

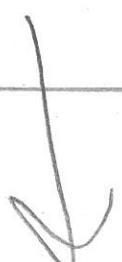
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|----------------------------------|--|----------------------------|--|-------------------|--------------|---------------|---------------|
| PROJECT NAME : <u>LADA</u> | | DATE STARTED (M/D/Y): | | DIRECTIONAL DATA: | | A = Acid Test | M = Multishot |
| HOLE NUMBER : <u>84-3</u> | | DATE COMPLETED(M/D/Y): | | DEPTH (m) | TYPE A/L/M/T | L = Light Log | T = Tropari |
| LOCATION : | | DATE LOGGED (M/D/Y): | | <u>61.00</u> | <u>A</u> | <u>~</u> | <u>-59</u> |
| PROJECT NUMBER : | | UNITS (F/M) : <u>M</u> | | <u>132.00</u> | <u>A</u> | <u>~</u> | <u>-56</u> |
| CLAIM NUMBER : | | | | | | | |
| PLOTting COORDS | | ALTERNATE COORDS | | | | | |
| GRID : <u>IDEAL</u> | | GRID : | | | | | |
| NORTH : <u>107+41 N</u> | | NORTH : _____ + _____ | | | | | |
| EAST : <u>74+66 W</u> | | EAST : _____ + _____ | | | | | |
| ELEV : <u>690.00 M</u> | | ELEV : _____ . _____ | | | | | |
| COLLAR BRNG | | COLLAR SURVEY (Y/N) : | | | | | |
| GRID : _____ ° _____ " | | RQD LOG (Y/N) : | | | | | |
| ASTRONOMIC : <u>206°</u> _____ " | | PULSE EM SURVEY(Y/N): | | | | | |
| COLLAR DIP : <u>-55°</u> _____ " | | | | | | | |
| CONTRACTOR : | | LOGGED BY : | | | | | |
| CORE STORAGE : | | START DEPTH: <u>0.00</u> | | | | | |
| CASING : | | FINAL DEPTH: <u>132.59</u> | | | | | |
| PLUGGED (Y/N) : | | | | | | | |
| HOLE SIZE : | | | | | | | |
| PURPOSE/ COMMENTS : | | | | | | | |

HOLE NO. _____

LOGGED BY _____

| FROM TO | ROCK TYPE | COLOUR | GRAIN SIZE | TEXTURE AND STRUCTURE | ANGLE TO CORE AXIS | ALTERATION | SULPHIDES | REMARKS |
|-------------|-------------------------------|----------------|------------|--|---------------------------------|--|--|---|
| 0-16.46 | boulders, overburden. <OB> | | | | | | | |
| 16.46-46.45 | <QFP Tuff> | grey. | mgr. | massive to weakly foliated. 2-3% q's up to 3mm diameter. + 2-3% 1-2mm subrounded q's. 3-5% buff weathering anhedral fs. - 1-2% mm-sized dark green specks = chlorite? Chloritic mafic dikes/veins at: 24.2-24.4 24.5-24.7. fgr, aphyric gray felsic dike with sharp contacts and 3-5% dark green specks at: 27.4-30.2. | | relatively unaltered. | none. | |
| 46.45-61.55 | <I ash, XL Tuff> | grayish green. | fgr. | well-foliated. sharp upper contact. | 57.8-55° (fol ^A) | moderate to strong chlorite with local patchy sericite at: 48.8-49.3 51.4-52.4 | 46.45-53.00 - 2-3% diss + stringers of py. | 46.45-52.65 - split core. 58.8-60.96 - split core. |

| FROM TO | ROCK TYPE | COLOUR | GRAIN SIZE | TEXTURE AND STRUCTURE | ANGLE TO CORE AXIS | ALTERATION | SULPHIDES | REMARKS |
|---------------|---|---------------|------------|---|--------------------|--|--|--|
| 61.55 - 69.45 | Felsic Tuff Lapilli Tuff <F Tuff, Lap Tuff> | grey | m.gr. | well-foliated. 1-2% siliceous grey fragments - elongate in plane of fol. 1-2% white fep? crystals | | W ser. 67.9-69.45 - W-Mchl alteration gives unit a greenish colour - due to diorite dike. | 1-2% diss py | 61.55 - 78.5? - split core. - hard to tell rock type. |
| 69.45 - 71.65 | <Diorite> | dark green | f.gr. | massive. | | W phasive carb. | | |
| 71.65 - 78.5 | Felsic Lapilli Tuff <F Lap Tuff> | greyish green | f-mgr. | massive. - siliceous white fragments (3-4mm across) set in fgr. siliceous matrix. - minor thin mafic dikes in unit. | | | | unit 18 |
| 78.5 - 85.3 | Felsic Tuff QP; Lithic Tuff. <QP Tuff, LITH TUFF> | grey. | f.gr. | 78.5-78.75 - fault bx? occurs at upper contact. 10% small-mm-sized q's and siliceous lithic fragments. | | W ser. | 78.5-78.75 - 5-10% v.fgr. pyrite as matrix to siliceous fragments 1-2% py primarily as stringers. | |
| 85.3 - 86.9 | <FAULT> | grey. | | milled & ground felsic & mafic rock. | | | | |
| 86.9 - 96.0 | FP Lithic Tuff <FP Lith Tuff> | grey | f-mgr. | locally have FP frags in siliceous & FP matrix. 94.25-95.10 - F dike. | | rel. unaltered. | | |

| FROM TO | ROCK TYPE | COLOUR | GRAIN SIZE | TEXTURE AND STRUCTURE | ANGLE TO CORE AXIS | ALTERATION | SULPHIDES | REMARKS |
|-----------------------|---|--------|------------|---|-------------------------|----------------------|-----------|-----------------------------|
| 96.0 - 105.55 | QFP Tuff Lithic Tuff <QFP Tuff, LITH TUFF> | grey | | fault gouge at upper contact. 96.5 - 97.0 - m dike. | | | | 97.0 - 101.45 - split core. |
| 105.55 - 108.8 | <M dike & And Ash> | green. | f.g. | lower contact = fault gouge. | | | | |
| 108.8 - 132.6 EOH. | Andesite Ash, Crystal Tuff <And Ash, Tuff> | green | f. mgr. | massive. thin well-bedded ashy layers | 16.5 - 45° (bedding) | W pervasive epidote. | | |
| | | | |  128.39 to 132.59 Andesite Lat. | | | | |