ABERFOYLE

# DIAMOND DRILL LOG

HOLE Nº 972 Page Nº 1

**Feature** Bedding, Foliation, Fragment size & shape; Shearing, Fault, Vein; F; c carbonate q quartz

**Mineralization** Trace 1-5% Common 5-15% Abundant 15-60% Massive >60%

| CORE REC'D | DEPTH m | GEOLOGY | VISUAL LOG | TRACE | COMMON | ABUNDANT | MASSIVE | DEPTH m | MINERALIZATION |
|---|---|---|---|---|---|---|---|---|---|
| ·2 | | Med to dk. grey (tuffaceous) shale<br>Description as for 4·75 m on.<br>Core broken & puggy | | | | | | | |
| 1·0 | ≈4m<br>≈4·75 | Lt. grey green f.g. volc arenite. Massive f.g. tuffaceous sediment. Pug. | | | | | | | |
| ·2 | 5 | Med to dk. grey (tuffaceous) shale.<br>Massive to well bedded sediments with a locally high content of f.g. tuffaceous material ⇒ tuffaceous shales.<br>The rock in general has a well developed bedding fissility.<br>Bedding varies from 0- ° to c.A.<br>5m - 0° to c.A.<br>10m - 30°<br>15m - 40°<br>20m - 30°<br>25m - 20°<br>The core is very broken and often puggy. | | | | | | 5 | Py rare |
| ·7 | | | | | | | | | |
| ·7 | 10 | | | | | | | 10 | |
| ·6 | | | | | | | | | |
| 1·1 | | | | | | | | | |
| 2·0 | 15 | | | | | | | 15 | |
| 1·0 | | | | | | | | | |
| ·8 | 20 | | | | | | | 20 | |
| ·9 | | | | | | | | | |
| 1·6 | | | | | | | | | |
| | 25 | | | | | | | 25 | |

**Feature** Bedding, Foliation, Fragment size & shape; Shearing, Fault, Vein; c carbonate, q quartz

**Mineralization** Trace 1-5%, Common 5-15%, Abundant 15-60%, Massive > 60%

| CORE REC'D | DEPTH m | GEOLOGY | VISUAL LOG | TRACE | COMMON | ABUNDANT | MASSIVE | DEPTH m | MINERALIZATION |
|---|---|---|---|---|---|---|---|---|---|
| ·4 | | Lithology - as above - med. to dk. grey (tuffaceous) shale. | | | | | | | |
| 1·2 | | So 30m - 10° to c.A | | | | | | | |
| 1·6 | | | | | | | | | Py rare |
| 1·0 | 30 | | | | | | | 30 | |
| 2·5 | | | | | | | | | |
| | 33·8 | Lt. grey tuffaceous shale A well bedded (15° to c.A) f.g. tuffaceous rock. Good bedding fiss. | | | | | | | |
| 2·7 | 34·7 35 | Dk. grey shale well bedded 10° to c.A. w. good bedding fissility. | | | | | | 35 | |
| | 35·8 | Lt. grey f.g. volc. arenite well bedded f.g. tuffaceous sed 15° to c.A. | | | | | | | |
| ·6 | 36·8 | Interbedded dk. grey (tuffaceous) shale & Lt. grey f.g. volc. arenite. Thinly interbedded 10-50cm at low angle to c.A. (10-15°). Core is very broken and puggy | | | | | | | |
| 2·5 | | | | | | | | | |
| | 40 | | | | | | | 40 | |
| 1·8 | | | | | | | | | |
| 1·9 | | | | | | | | | |
| | 43·9 | | | | | | | | |
| 1·8 | 45 | Med grey to dk. grey shale (tuffaceous) As for 4·75m to 33·8m. | | | | | | 45 | |
| 2·1 | | | | | | | | | |
| | 50 | | | | | | | 50 | |

**Feature** Bedding, Foliation, Fragment (size & shape), Shearing, Fault, Vein (c carbonate, q quartz)

**Mineralization** Trace 1-5%, Common 5-15%, Abundant 15-60%, Massive >60%

| CORE REC'D | DEPTH m | GEOLOGY | VISUAL LOG | TRACE | COMMON | ABUNDANT | MASSIVE | DEPTH m | MINERALIZATION |
|---|---|---|---|---|---|---|---|---|---|
| 1.0 | | Lithology - as above - med to dk. grey (tuffaceous) shale. | | | | | | | |
| 1.4 | | | | | | | | | |
| 1.4 | 53 | Interbedded med to dk. grey shale and med grey tuffaceous shale. | | | | | | | |
| 1.2 | 55 | Around 53m there is an increase in the volume of tuffaceous material in the rock. | | | | | | 55 | |
| 1.3 | | Thinly interbedded locally slumped pelitic and tuffaceous sed. make up the interval. Bedding is still at a low angle to C.A. 0-20°. | | | | | | | Py rare |
| .3 | | Soft. sed. deformation, mainly slumping & rafting is common. Also locally common are diagenetically? remobilized "veins" of sediment which cross cut bedding at a low angle. | | | | | | | |
| 3.0 | 60 | Core is extremely broken and puggy. | | | | | | 60 | |
| 2.3 | | | | | | | | | |
| .8 | 65 | | | | | | | 65 | |
| .9 | ~66 | | | | | | | | |
| 1.0 | | | | | | | | | |
| 1.2 | 70 | | | | | | | 70 | |
| .7 | | | | | | | | | |
| HQ / NQ .4 | | | | | | | | | |
| 1.0 | | | | | | | | | |
| | 75 | | | | | | | 75 | |

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HOLE Nº 972



**Feature**

Bedding
Foliation
Fragment size & shape
Shearing
Fault
Vein
F
c carbonate
q quartz

**Mineralization**

Trace 1-5%
Common 5-15%
Abundant 15-60%
Massive >60%

| CORE REC'D | DEPTH m | GEOLOGY | VISUAL LOG | TRACE | COMMON | ABUNDANT | MASSIVE | DEPTH m | MINERALIZATION |
|---|---|---|---|---|---|---|---|---|---|
| ·4 | | Lithology – as above – Interbedded med to dk. grey shale and med. grey tuffaceous shale. | | | | | | | |
| ·8 | | core extremely broken and puggy. | | | | | | | |
| 1·1 | | Bedding<br>100m – ?° to c.a.<br>80 – 0°<br>85 – 0°<br>90 – 25°<br>95 – 25°<br>100m – 10° | | | | | | | |
| 2·2 | 80 | | | | | | | 80 | Py rare |
| ·2 | | | | | | | | | |
| 1·2 | 85 | | | | | | | 85 | |
| ·1 | | | | | | | | | |
| 1·0 | | | | | | | | | |
| 1·8 | 90 | | | | | | | 90 | |
| 1·0 | | | | | | | | | |
| 1·7 | | | | | | | | | |
| 1·4 | 95 | | | | | | | 95 | |
| 1·0 | | | | | | | | | |
| ·8 | | | | | | | | | |
| ·8 | | | | | | | | | |
| | 100 | | | | | | | 100 | |

**Feature** Bedding, Foliation, Fragment size & shape; Shearing, Fault, Vein; c carbonate, q quartz

**Mineralization** Trace 1-5%, Common 5-15%, Abundant 15-60%, Massive > 60%

| CORE REC'D | DEPTH m | GEOLOGY | VISUAL LOG | TRACE | COMMON | ABUNDANT | MASSIVE | DEPTH m | MINERALIZATION |
|---|---|---|---|---|---|---|---|---|---|
| .5 | | Lithology - as above - med to dk. grey shale and med. grey tuffaceous shale. | | | | | | | |
| 1.0 | | | | | | | | | |
| | | Poorly oriented stockwork (30-60° to c.A) of thin sid. veins overprinted by much less common qtz. veins | | | | | | 103.5 | |
| 3.0 | 105 | | sid | | | | | 105 | |
| 1.8 | | | | | | | | | |
| | | | sp | | | | | 107.8 | 5cm sp 60, sid vein 30° to c.A. |
| .4 | | | | | | | | | |
| | 110 | | | | | | | 110 | |
| 1.6 | | | | | | | | | |
| .5 | | | | | | | | | |
| 1.0 | 115 / 115.2 | Lt. grey tuffaceous siltstone Massive to well bedded tuffaceous sediment. Local interbeds to ≈10cm of tuffaceous shale. So ≈ 10-15° to c.A | | | | | | 115 | |
| .8 | | | | | | | | | |
| 1.3 | 119.0 | | | | | | | | |
| | 120 | Med to dk. grey shale w. rare tuffaceous shale interbeds. As for 53 - 115 m. | | | | | | 120 | |
| 1.8 | | | | | | | | | |
| 2.0 | | | | | | | | | |
| | 124.5 | | | | | | | | |
| | 125 | Lt. grey tuffaceous siltstone As for 115.2 - 119.0 m. | | | | | | 125 | |

**Feature** Bedding, Foliation, Fragment size & shape; Shearing, Fault (F), Vein (c carbonate, q quartz)

**Mineralization** Trace 1-5%, Common 5-15%, Abundant 15-60%, Massive >60%

| CORE REC'D | DEPTH m | GEOLOGY | VISUAL LOG | TRACE | COMMON | ABUNDANT | MASSIVE | DEPTH m | MINERALIZATION |
|---|---|---|---|---|---|---|---|---|---|
| .4 | | Lithology - as above - lt. grey tuffaceous siltstone. | | | | | | | |
| .7 | | | | | | | | | |
| | 127.5 | | | | | | | | |
| .9 | | Med to dk. grey shale w. interbeds and local rafts & fragments of lt. grey tuffaceous shale to f.g. volc. arenite | | | | | | | |
| .5 | 130 | The above rock types are interbedded on all scales. | | | | | | 130 | |
| .5 | | Gen. the tuffaceous component is complexely rafted & slumped. Bedding is still at a low angle to C.A. 0-15°. | | | | | | | |
| .6 | | | | | | | | | |
| .4 | 135 | | | | | | | 135 | |
| .9 | | | | | | | | | |
| 1.2 | | | | | | | | | |
| .4 | 140 | | | | | | | 140 | |
| 1.0 | | | | | | | | | |
| 1.3 | | | | | | | | | |
| 1.1 | 145 | | | | | | | 145 | |
| 1.6 | | | | | | | | | |
| 3.0 | 150 | | | | | | | 150 | |

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**Mineralization** Trace 1-5%, Common 5-15%, Abundant 15-60%, Massive >60%

| CORE REC'D | DEPTH m | GEOLOGY | VISUAL LOG | TRACE | COMMON | ABUNDANT | MASSIVE | DEPTH m | MINERALIZATION |
|---|---|---|---|---|---|---|---|---|---|
| 2·1 | 152·5 | ← White carbonate to qtz-carbonate veins become common from here. | | | | | | | |
| 3·0 | 155 | | | | | | | 155 | |
| ·7 | 157·5 | FAULT ZONE Broken core within pug. ?° to c.A. | | | | | | | |
| 1·2 | 158·5 | | | | | | | | |
| | 160·0 | FAULT ZONE Broken core. Unknown orientation. | | | | | | 160 | |
| 2·3 | 160·8 | 3cm. sid.? / qtz vein 40°? to c.A. | qtz/sid | | | | | 162·6 | |
| 2·3 | 165·0 | FAULT ZONE Broken core, pug & qtz/carb veining at ≈ 15° to c.A. | | | | | | 165 | |
| 2·7 | 165·9 | FAULT - broken core 20° to c.A. | F | | | | | 166·5 | |
| | 167·1 | FAULT ZONE Broken core pug & qtz/carb/py veining. Zone 30° to c.A. | | | | | | | |
| 2·3 | 168·8 | | | | | | | 170 | |
| ·4 | 170 | FAULT - Pug - 30° to c.A. | F | | | | | 170·5 | |
| ·7 | 170·5 | Lt. grey green f.g. volc. arenite to tuffaceous mudstone w. interbeds of med. to dk. grey shale. An interval of dominantly tuffaceous sediment containing irregular interbeds of well bedded shale av. 1cm thick. The tuffaceous sed. component consists of well bedded to massive volc. arenite to tuffaceous siltstone & mudstone. Soft sed. def. - slumping & rafting - is associated w. both lithologies. Bedding is gen. at a low | | | | | | | |
| 3·0 | 175 | | | | | | | 175 | |

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| CORE REC'D | DEPTH m | GEOLOGY | VISUAL LOG | TRACE | COMMON | ABUNDANT | MASSIVE | DEPTH m | MINERALIZATION |
|---|---|---|---|---|---|---|---|---|---|
| 3.0 | | angle to c.A.<br>eg. 177.0m - 25° to c.A.<br>180 m - 35°<br>185 m - 30°<br>190 m - 20° | | | | | | | |
| 3.0 | 180 | FAULT - Broken core ?° to c.A. | F | | | | | 180<br>180.9 | Py rare |
| 3.0 | | | | | | | | | |
| 3.0 | 185 | | Py | | | | | 185<br>186.9 | 1cm Py bd sid vein 35° to c.A. |
| 3.0 | 190 | | | | | | | 190 | |
| 3.0 | 190.5 | Lt. grey green f.g. volc. arenite w. thin tuffaceous mudstone interbeds. Dominantly massive f.g. tuffaceous sed. w wisps & wispy interbeds of bedded tuffaceous mudstone. | | | | | | | Py rare |
| | 192.5 | Dk. grey to med. grey shale finely laminated shale at 0-15° to c.A. bedding // to good cleavage. | | | | | | | |
| 3.0 | 193.5 | Interbedded Lt. grey green to green brown tuffaceous mudstone, f.g. volc arenite & local dk grey shale. A well bedded interval of finely interlaminated v.f.g. & f.g. tuffaceous sed. w. local dev. of dk. grey shale to 30cm thick. Bedding is at 15° to c.A. | | | | | | 195 | |
| 3.0 | 195 | | | | | | | | |
| | 198.9 | FAULT - c. vei - 60° to c.A. | F | | | | | 198.9 | |
| | | Med to dk. grey to black (congl., slumped & rafted) (tuffaceous) shale. * Shale at begining of interval is | | | | | | | |
| | 200 | | | | | | | 200 | |

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HOLE Nº 972



**Feature**

Bedding
Foliation
Fragment size & shape
Shearing
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c carbonate
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**Mineralization**

Trace 1-5%
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| CORE REC'D | DEPTH m | GEOLOGY | VISUAL LOG | TRACE | COMMON | ABUNDANT | MASSIVE | DEPTH m | MINERALIZATION |
|---|---|---|---|---|---|---|---|---|---|
| 3.0 | | highly tuffaceous massive & shows weak soft sed. def. The interval becomes more pelitic w. depth. It is locally extremely conglomeratic (intraformational) w. rafting & slumping (common). Bedding is gen. well developed and varies between 60 & 80° to c.A. Cem. 20-30° to c.A. weak cleavage ∥ to bedding. | | | | | | | Py rare (thin wispy bedded v.f.g. Py) |
| 3.0 | 205 | | | | | | | 205.0 | |
| | | FAULT - sid healed breccia - 60° c.A. | | | | | | 205.4 | Py 1-2 (5) v.f.g. (bedded) |
| 3.0 | | | | | | | | | |
| 3.0 | 210 | - 55° c.A. FAULT - Broken core & 10cm Py sidvein | | | | | | 210.0 | Py 15 v.f.g bedded. 10cm py 30 sid vein 55° to c.A. |
| | 210.4 | Interbedded grey green f.g. volc. arenite to tuffaceous mudstone & local dk. grey to dk. grey green shale (tuffaceous). | | | | | | 210.4 | |
| 3.0 | | An interval of tuffaceous massive to well bedded sediment showing little soft sed. def. | | | | | | | |
| | | Bulk of interval is gen. massive to weakly bedded f.g. volc. arenite w. interbeds to 50cm of well bedded tuffaceous mudstone to tuffaceous shale. | | | | | | | |
| | 215 | Bedding varies from 40 to 10° to c.A. | | | | | | 215 | |
| 3.0 | | | | | | | | | |
| 3.0 | | | | | | | | | |
| | 220 | | | | | | | 220 | |
| 3.0 | | | | | | | | | |
| | | | | | | | | | |
| | 225 | | | | | | | 225 | |

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**Mineralization** Trace 1-5%, Common 5-15%, Abundant 15-60%, Massive > 60%

| CORE REC'D | DEPTH m | GEOLOGY | VISUAL LOG | TRACE | COMMON | ABUNDANT | MASSIVE | DEPTH m | MINERALIZATION |
|---|---|---|---|---|---|---|---|---|---|
| 3.0 | | Lithology - as above - Interbedded grey green f.g. volc. arenite to tuffaceous mudstone & local dk. grey to dk. grey green shale (tuffaceous) | | | | | | | |
| 3.0 | | | | | | | | | |
| | 230 | | | | | | | 230 | |
| 3.0 | 231.1 | Lt. grey green f.g. volc. arenite w. interbeds wisps & rafts of dk. grey shale. Only a marginal change to the unit above. The pelitic sed component is markedly increased and tuffaceous mudstone is not present. Soft sed def. is also much more intense, in the form of rafted shale, brecciated tuffaceous sed & common slumping. Volc. arenite is by far the most common lithology (≈95%) the rest as shale. | | | | | | | |
| 3.0 | | | | | | | | | Py rare |
| | 235 | | | | | | | 235 | |
| 3.0 | | | Py | | | | | 238.0 | 10cm Py 20, Py 0 trace, qtz vein, 45° Py (1) veinlet |
| | | | | | | | | 238.5 | |
| | | | | | | | | 238.8 | Py 35, Py0 2-3 f.g to c.g. blebs & vein 55° to C.A. |
| 3.0 | 240 | | | | | | | 240 | Py 2-3 irregular veinlets gen. mod. angle to C.A. |
| | | | | | | | | 240.3 | |
| | | | | | | | | | Py rare |
| | 241.6 | FAULT ZONE Broken core 35° to C.A. | | | | | | | |
| | 242.0 | | | | | | | 242.8 | |
| 2.9 | | | | | | | | 243.2 | Py 3-5 f.g. to blebs & veinlet 60° to CA |
| | | FAULT - pug 0 to 10° to C.A. | F | | | | | 244.5 | Py rare (veinlets) |
| | 245 | | | | | | | 245 | |
| 3.0 | | | | | | | | 246.0 | |
| | | | | | | | | 246.4 | Py 3-5 veinlets assoc. w. qtz 30° to C.A. |
| | | | | | | | | | Py rare. |
| 3.0 | | | | | | | | | |
| | 250 | | | | | | | 250 | |

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| CORE REC'D | DEPTH m | GEOLOGY | VISUAL LOG | DEPTH m | MINERALIZATION |
|---|---|---|---|---|---|
| 3·0 | 255 | Lithology - as above - Lt. grey green f.g. volc. arenite w. interbeds rafts & wisps of dk. grey shale. | | 255 | Py rare (veinlets assoc. w. qtz.) |
| 3·0 | | | | | |
| 3·0 | 260 | | Py | 260 | |
| 3·0 | 263·8 | Dk. grey to black (conglomeratic) shale<br>ark shale containing rafts & fragments of cream volc. arenite. Slumping common. | | 262·1<br>263·8 | 2 cm py 60 vein 50° to c.A.<br>Py 30 f.g. to c.g. & vein, Py 10 vein. |
| ·9 | 265 | FAULT - Pug - 50°? to c.A. | F | 264·5<br>265 | |
| ·8 | 266·6 | FAULT - Pug - ?° to c.A. | F | 265·6<br>266·9 | Py 1-2 f.g. to c.g. (diss. & tuffaceous fragments). |
| ·8 | 269·5 | FAULT ZONE Broken core & pug 50°?? to c.A. | | 269·5 | |
| 1·4 | 270 | Lt. grey green to dk. grey green massive to bedded f.g. volc. arenite, tuffaceous mudstone & local tuffaceous shale.<br>A highly tuffaceous interval. Bulk is massive to v. well bedded lt. grey green f.g. volc. arenite. Bulk of remainder is massive to bedded tuffaceous mudstone. These two rock types are interbedded on all scales. Rare thin shale bands occur. | | 270 | Py rare |
| 3·0 | | Slumping is common esp. where | Py | 274·3<br>274·5 | 1 cm py 90 c/vein. 35° to c.A. |
| | 275 | | | 275 | |

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| CORE REC'D | DEPTH m | GEOLOGY | VISUAL LOG | DEPTH m | MINERALIZATION |
|---|---|---|---|---|---|
| 3.0 | | arenite and mudstone are finely interbedded. Dk. green mottled tourmaline? alteration is (assoc.) with the min. Bedding is at a low to moderate angle to c.A. 271.8 m 20° c.A. 274.8 m 30° c.A. Orientation at 289.5 indicates bedding averages subvertical with 150° m. typical strike. Vein mineralization subvertical with no typical strike. | | 275.3 | Py 1 as above. Py 15-20 f.g. to blebs rep. tuff. interbeds w. shale & less common veinlets // to bedding and lens & to c.A. Local silicification |
| | | | | 276.15 | Pyo. 1-2 (5) as v. thin (av. 1mm) veinlets of Pyo ± qtz at 0-65° to c.A. Also f.g. to bleb. (Stockwork) |
| 3.0 | | | Py | 277.75 | 5cm Py 10, Aspy. 10 veinlets 30° c.A. |
| | | | | 278.7 | Py & Pyo. rare. |
| | | | | 279.5 | |
| | 280 | | | 280 | Pyo. 1-2 (5), veinlets av. 1-2 mm (stockwork) no preferred orient. Also less common f.g. to bleb. Py rare assoc. w. pyo. |
| 3.0 | | | | 282.5 | |
| | | | | | Pyo 12-15 (30-40) as f.g. to bleb replacing tuffaceous interbeds and as veinlets locally w. qtz. No p.o. to veins. Local stockwork. Py 2-3 (10) bleb & vein gen. assoc. w. cavities. Also assoc. w. Pyo. |
| | 285 | | | 285 | |
| 3.0 | | | | 287.0 | |
| | | | | | Pyo 5-10 as gen. f.g. replacing tuffaceous interbeds and as veinlets at gen. low angle to c.A. Veinlets much less common than interval above. Py rare |
| | 290 | | | 290 | |
| 3.0 | | | | 290.8 | Pyo 10-15 F.g. replacing tuffaceous interbeds. Also as veinlets at low angle to c.A. Py 2-3 veinlets assoc. w. pyo. veinlets |
| | | | | 291.7 | |
| | | | | 292.0 | Pyo. as below. Cass. 5-10 v.f.g. pink rep. tuffaceous interbeds assoc. w. f.g. Pyo. |
| | | | | 292.6 | |
| 3.0 | | | | | Pyo. 7-10 mainly 1mm av. veinlets (stockwork) gen low angle to c.A. Also f.g. diss. concent. in tuffaceous interbeds. Py rare bleb. |
| | 295 | | | 295 | |
| 3.0 | | | | | |
| | | | | 297.7 | Py 15 F.g. to bleb & unoriented veinlet assoc. w. silicification. |
| | 298.5 | ← 298.5 - 301.1 the sericite component of the rock is less dominant w. the incomming of a lt. to dk. brown microcrystalline? alteration mineral. Phlogopite? → | | 298.35 | Pyo 3-5 veinlet - oriented at low angle to c.A. Py 3-5 as above. assoc. w. pyo. |
| | 300 | | | 300 | |

**Feature** Bedding, Foliation, Fragment (size & shape), Shearing, Fault, Vein, c carbonate, q quartz

**Mineralization** Trace 1-5%, Common 5-15%, Abundant 15-60%, Massive >60%

| CORE REC'D | DEPTH m | GEOLOGY | VISUAL LOG | DEPTH m | MINERALIZATION |
|---|---|---|---|---|---|
| 3.0 | 301.1 | ← Phlogopite? to here → Lithology – as above – lt. grey green to dk. grey green massive to bedded f.g. volc. arenite, tuffaceous mudstone & local tuffaceous shale. From 301.1 phlogopite? is not abundant but is still very common. | | 300.15 | Py o = Py as above. Py o 2-3 (5-10) f.g. to blebs as dissem and as less common veinlets (assoc. w. q/tz.) Py 1-2 gen. as veins & veinlets 30-40° to c.A. & rare blebs & dissem. |
| 3.0 | | | | | |
| 1.4 | 305 | | | 305 | |
| 1.6 | 306.7 | Highly silicified lt. grey to grey green to dk. grey (slumped & conglomeratic) shale. 306.7m marks beginning of a zone of intense silicification as well as a lithological change. Rock is no longer dominantly tuffaceous but is a silicified shale? Bedded py. is locally common. Possible Success clc. phase ?? | | 305.8 | 3cm py 80, Sph 10 sidver 30° to c.A |
| | | | | 306.7 | Py 25-40 veins & 35-40° to c.A. & blebs & f.g. to c.g. dissem. |
| 3.0 | | | | 307.9 | Py 10-15 as roughly = f.g. to c.g. "spotted" py. (anhedral). & irreg. discontinuous veinlets w. no. P.O. Blebs are often // to bedding. |
| | 310 | | | 309.7 310 | |
| 1.5 | 310.4 | FAULT ZONE sheated and broken core with pug. Individual fractures ⇒ 60-65° to C.A. | | | Py 1-2 blebs & veinlets 35-40° to c.A. |
| | 311.5 | | | | |
| | 311.8 | BASE OF SILICIFICATION | | | |
| 1.0 | | | | 312.3 | Py 10-15 blebs in siliceous fault breccia. |
| | 313.4 | | | 313.2 313.4 | Py 3-5 blebs. |
| 3.0 | 315 | lt. grey siltstone to shale w. local qtzite interbeds. A silty interval, gen. massive but locally bedded 30-45° to c.A. Uncommon off white f.g. qtzite interbeds to 20cm. Layer // cleavage is weakly to well developed. | | 315 | Py rare |
| 3.0 | 320 | | | 320 | |
| 3.0 | 322.2 | lt. grey f.g. (micaceous) quartzite w. local lt. grey shale interbeds. Dominantly a massive quartzite (bedded) w. minor shale interbeds to 5-10 cm. Rare local intense silicification. Qtzite has f.g. saccaroidal texture. Bedding 40° to 60° to c.A. | | | Py rare. |
| 3.0 | 325 | | | 325 | |

**Feature** Bedding, Foliation, Fragment (size & shape); Shearing, Fault, Vein (c carbonate, q quartz)

**Mineralization** Trace 1-5%, Common 5-15%, Abundant 15-60%, Massive >60%

| CORE REC'D | DEPTH m | GEOLOGY | VISUAL LOG | DEPTH m | MINERALIZATION |
|---|---|---|---|---|---|
| | | Lithology - as above - lt. grey f.g. (micaceous) quartzite w. local lt. grey shale interbeds. | | | Py rare |
| | | FAULT - Pug. 25° to c.A. | F | 326.6 | |
| 3.0 | 327.0 | Lt. grey gen. highly silicified f.g. quartzite ± (shale) | | 327.0 | Py 1-3 (10) f.g. to c.g. sub to anhedral dissem. occasionally controlled by bedding. Also irreg. blebs & veinlets w. no. P.O. Distinct veinlets >.5cm <1cm. have P.O. ≈ 30° to c.A. |
| 3.0 | 330 | Lithology as above but silicification is gen. intense and associated w. anhedral to subhedral f.g. to c.g. py and py. blebs & veinlets. Bedding is locally well developed and constant around 35-40° to c.A. | | 330 | |
| 3.0 | | | Py | 332.6 | 10 cm py 95 vein 25° to c.A. |
| | | | | 333.0 | 10 cm py as veinlets 30° to c.A. |
| 3.0 | 335 | | | 335 | Py 1-3 (10) as above. |
| 3.0 | 340 | END OF HOLE | | 340 | |
| | 340.5 | | | 340.5 | |
| | 345 | | | 345 | |
| | 350 | | | 350 | |