

| INTERVAL | | REC. (%) | Core lift | Core loss | Depth (m) | Graphic Log | Min | DESCRIPTION | SPECIMEN | | |
|----------|--------|-------------|-----------|-----------|--------------|----------------|-----|---|----------|-------|--------|
| From (m) | To (m) | | | | | | | | Number | Depth | Prep'n |
| | | | | | 0 | | | 0-239m (approx) Tertiary rocks - basalt flows and interbedded usually sandy sedimentary horizons. | | | |
| | | | | | 10 | | | Basalt: grey to dark grey when fresh, vesicular to massive, sometimes brecciated (hyaloclastite). Bottoms of flows rarely seen, occasional red (oxidised) zones. Vesicle infillings of calcite, zeolites and clay minerals. | | | |
| | | | | | 20 | | | | | | |
| | | | | | 30 | | | | | | |
| | | | | | 40 | | | | | | |
| | | | | | 50 | | | | | | |
| | | | | | 58.4 | | | 58.4 - 59.3 Probably sandy horizon, only few cm of clay at top remaining | | | |
| | | | | | 60 | | | | | | |
| | | | | | 70 | | | | | | |
| | | | | | 80 | | | | | | |
| | | | | | 90 | | | | | | |
| | | | | | 100 | | | 99-101.5m Zone of contortion and inclusion of epiclastic sandy patches, probably of hyaloclastic origin | | | |
| | | | | | 110 | | | | | | |

39.5 15 Anal

71.0- X.R.

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|----------|--------|-------------|-----------|-----------|--------------|----------------|-----|---|----------|--------|---------|
| From (m) | To (m) | | | | | | | | Number | Depth | Prep'n |
| | | | | | 110 | | | | | | |
| | | | | | 116 | | | 116-118 m Oxidised zone, few baked sedimentary inclusions. | | 113.2m | XRD |
| | | | | | 120 | | | | | 117.1m | XRD |
| | | | | | 130 | | | | | 128.3 | FS Anal |
| | | | | | 140 | | | | | | |
| | | | | | 150 | | | | | 152.7m | FS Anal |
| | | | | | 160 | | | | | | |
| | | | | | 170 | | | 164.5-186.0 Dominantly sandy gravel, prominent thin organic-rich carbonaceous clay at approx 173-174 m. | | 173.5m | Paly |
| | | | | | 180 | | | | | | |
| | | | | | 190 | | | | | | |
| | | | | | 200 | | | | | 201.5 | FS Anal |
| | | | | | 204.2 | | | 204.2-206.0m Klaki fine to very coarse grained epiclastic deposit composed of lyaloclastic detritus. | | | |
| | | | | | 210 | | | 206.0-239m (approx) Sandy gravel. | | | |
| | | | | | 220 | | | | | | |

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|----------|--------|-------------|-----------|-----------|--------------|----------------|-----|-------------|----------|-------|--------|
| From (m) | To (m) | | | | | | | | Number | Depth | Prep'n |
| | | | | | 220 | | | | | | |
| | | | | | 230 | | | | | | |
| | | | | | 240 | | | | | | |
| | | | | | 250 | | | | | | |
| | | | | | 260 | | | | | | |
| | | | | | 270 | | | | | | |
| | | | | | 280 | | | | | | |
| | | | | | 290 | | | | | | |
| | | | | | 300 | | | | | | |
| | | | | | 310 | | | | | | |
| | | | | | 320 | | | | | | |
| | | | | | 330 | | | | | | |

239-321.1 Poorly sorted epiclastic breccia. Dominant fragment types include angular pink quartz, feldspar porphyry (in places flow banded), flammate green relict pumice fragments containing 2-3 mm pink feldspar and rounded quartz phenocrysts, pink aphyric rhyolite and grey mudstone in a fine grained tuffaceous matrix. In places it appears that grey muddy material is intermixed with the matrix.

Sediment and pumiceous clasts define a crude foliation which through most of the core is at a low angle to the core axis. Eg. between 305.85 and 306.45 m a contact between a pumice clast and the matrix is subparallel to the core axis for 600 mm (gives an impression of the size of the coarser clasts in the breccia) and at 288 m a shale fragment lies at 15° to the core axis.