

DESCRIPTION	REMARKS
<p>148.7 - 153.90m : TUFFACEOUS GRIT            Grey, hard, silicified. Silicification decreasing with depth.            Waterlain acid volcanic debris with distinct primary lineation but no bedding planes.            Angular to sub-rounded clasts up to 15mm, average less than 5mm, of acid volcanics esp lava, and pumice. Coarsely sandy matrix. Sericitic, slightly carbonated.            Basal contact an irregular bedding plane 55°/LCA.</p>	<p>148.7 - 153.9m:            3% py, 1-2% gn-sp</p>
<p>153.9 - 169.7m : VITRIC TUFF            Light grey.            Fine to medium grained, even-textured. Rock composed of vitric fragments, rarely larger than 1mm. Below 157.5m, some indistinct white clasts (pumice?) with rounded flattened outlines, often partly or wholly replaced by chlorite. These clasts up to 20mm, average 5-10mm. Highly sericitised and carbonated. Schistose. Below 163.7m tuff is siliceous with some irregular and disrupted chert bands. Bedding 60°/LCA @ 155m, 60°/LCA @ 160m, 55°/LCA @ 168m.            153.9 - 156m core badly broken by fractures//LCA.</p>	<p>153.9 - 164m:            Minor py&gt;sp-gn            164 - 169.7m:            1% py, minor sp-gn.            Trace pp.</p>
<p>169.7 - 177.7m : VARIABLE TUFFACEOUS VOLCANICLASTIC            Upper and lower gradational contacts.            Dark green to light grey, variably textured and patterned. Very indistinct creamy clasts up to 30mm average 10mm, of rounded and flattened pumice, also lava and other volcanic rocks. Vitric and siliceous tuffaceous matrix with coarsely sandy texture.            Moderately to strongly sericitised, some chlorite and minor carbonated alteration. Silicified in places. Strong schistosity 60°/LCA @ 174m</p>	<p>1-2% py, Minor sp-gn</p>
<p>177.7 - 195.4m : VITRIC TUFF            Grey.            Numerous tiny fragments of glass, qtz, feldspars and volcanic debris 1-3mm, rarely up to 15mm, below 187.5m, in vitric and slightly siliceous matrix. Strongly sericitised and carbonated. Strongly schistose. Chlorite in stringers often associated with carbonate, and replacing glass fragments. Schistosity (probably follows primary layering) 65°/LCA @ 183m, 62°/LCA @ 189.5m.            Below 191.5 numerous veins and patches of carbonate. Abrupt basal contact.</p>	<p>Minor py, locally 1%            Minor persistent            sp&gt;gn-cp</p>
<p>195.4 - 234m : RHYOLITIC TO DACITIC WELDED? TUFFACEOUS PYROCLASTIC            Light to dark green or fawny grey.            Rock essentially a fine fragmental with welded or lava-like texture in places. Felsic and vitric.            Lineated flattened pumice and glass shards (?), 1-10mm. Rare pumice fiamme. Numerous small white flecks 1-3mm, up to 5mm-most flattened, some appear euhedral - either carbonated feldspars and/or pumice. Often partly replaced by chlorite.            Below 207.5m indistinct white clasts of crystalline carbonate up to 15mm, average 3-10mm. Below 218m some of these are angular, equidimensional and unoriented - airfall material? Indistinct pink altered patches up to 180mm - possibly after blocks of Red Hills lava. Some definite clasts of pink lava below 218m - average 5mm.            Rock is sericitic, moderately to strongly chloritised, very strongly carbonated with numerous sweat-outs and veins of carbonate. Schistose with weak primary layering: 60°/LCA @ 202.3m, 55°/LCA @ 219.5m, 68°/LCA @ 228.5m            204-216m core broken and leached. Fault zones 207.55 and 208-208.4m, shears 75°/LCA 233.3-234m - core very broken and clayey. 226.95-227.25. BASIC DYKE Green, soft. Fine grained ophitic felsic groundmass, with phenocrysts of amphibole up to 5mm. Rounded chloritic sphericles (1mm). Upper contact 78°/LCA, lower contact 70°/LCA</p>	<p>195.4-203m:1-2% py.            Trace sp-gn. Minor            hematite on joints.            203-210m: Minor py-sp            210-213.5m:1% sp&gt;py            213.5-234m: Minor sp&gt;py            locally 1% sp-gn            assoc. with carbonate            Minor hematite            throughout.</p>