

	DESCRIPTION	REMARKS
0 - 14m	<p><b>RHYOLITIC LAPILLI TUFF AND INTERBEDDED FINE GRAINED VITRIC TUFF</b>            Pale creamy green. Flattened clasts of pumice up to 25mm average 3mm, in fine grained vitric groundmass with small qtz phenocrysts to 1mm. Moderate to strong sericitic alteration, minor chlorite. Strongly schistose. Much brecciation - possibly occurred while rock immature. Rock waterlain but usually not clearly bedded. Bedding at 7.3m 55°/LCA, at 14m 50°/LCA. Sheared zone 12-12.8m</p>	<p>Fe &amp; Mn oxides, especially on stronger joints            Some gossanous limonite associated with gash qtz veins. Trace py at 10m</p>
14 - 52m	<p><b>RHYOLITIC TUFFACEOUS VOLCANICLASTIC</b>            Light green and grey. Large angular to sub-rounded, or flattened, clasts of pumice, lapilli tuff, pink Red Hills lavas, tuffaceous volcaniclastics, tuffs, etc. up to 150mm average 10-30mm, in coarsely sandy matrix composed of fragments of glass, feldspar, volcanics and qtz phenocrysts. Clasts form discrete bands in the core. Bedding indistinct 45°/LCA, @ 21.5m, 50°/LCA @ 32m, 60°/LCA @ 38.9m (possible grading up-hole), 45°/LCA @ 47.5m, 52°/LCA @ 52m            Mod-strong sericitic alteration, much chlorite (particularly in some clasts). Strong schistosity (parallels bedding). Alteration blurs clast margins in places. Some clasts irregular and moulded around others - evidently soft when deposited. Much brecciation as in above unit - possibly while rock immature. Rock probably mixture of explosively-derived material and water-transported material, all deposited in water. Waterlain character increases with depth.</p>	<p>Oxidation on joints down to 50m. Dog-tooth qtz veins up to 100mm @ 32.5 &amp; 33m. Barren            16.40m: Minor py&gt;sp,gn, cp. Py veins to 15mm @ 30.3 &amp; 31.2m, 40-43m: 3-5% dissem sp&gt;py-gn&gt;cp            43-52m: Minor py&gt;sp&gt;gn -cp.</p>
52 - 64.6m	<p><b>RHYOLITIC TUFFACEOUS GRIT</b>            Grey. Angular to sub angular clasts up to 15mm, average 1-4mm, of altered creamy or pink rhyolitic lava (?), feldspar fragments and pumice fragments, in vitic tuffaceous sandy matrix. Bedding poorly developed. 48°/LCA @ 55.5m. No sorting. Moderate to strong sericitic alteration with minor chlorite. Slightly schistose.</p>	<p>52-61.5m: 1-2% dissem. py&gt;sp&gt;gn-cp            61.5-64.6m: Minor py Trace sp.</p>
64.6-65.4m	<p><b>BASALTIC DYKE</b>            Dark grey-green. Medium grained. Laths of feldspar and phenocrysts of pyroxene (hypersthene?) up to 10mm, average 2-3mm. Upper chilled margin 53°/LCA approx // to bedding in tuffs. Basal chilled margin 55°/LCA 25mm wide and bleached. Both contacts approx // to bedding in tuffs. Centre section very crumbly and broken.</p>	<p>Moderately magnetic</p>
65.4-74.7m	<p><b>RHYOLITIC TUFFACEOUS GRIT</b>            As before. Subangular to subrounded clasts up to 30mm, average 1-5mm, of altered creamy or pink rhyolitic lava (?), pumice, feldspars, tuffs and minor qtz. In sandy tuffaceous, highly vitric matrix. Waterlain, but almost no sorting. Bedding poorly developed 50°/LCA @ 70m. Moderately to strongly sericitic, very minor chlorite. Moderately to strongly schistose. Some carbonate alteration. Strongly silicified 74.3-74.7m Badly broken 73.2-74.9m</p>	<p>65.4-67.5m: 2% py. Minor sp-gn            67.5-70.5m: 1% py. Trace sp-gn            70.5-74.7m: Minor py&gt;sp-gn</p>
74.7-75m	<p><b>FINE GRAINED TUFF</b>            Grey. Sericitic and silicified.</p>	<p>1% py. Minor sp-gn</p>
75-76.55m	<p><b>RHYOLITIC TUFFACEOUS VOLCANICLASTIC</b>            Greyish-green. Smearred, indistinct clasts up to 30mm, average 5-7mm, in coarsely sandy tuffaceous matrix. Clasts angular to sub-rounded pumice, lava, tuffs and qtz. Highly sericitic and schistose. Patchy silicification. Basal contact bedding plane with carbonate sweat-outs on it. 55°/LCA</p>	<p>1% py with minor sp-gn            Locally 1-2% sp-gn-cp            silicified zones up to 50mm</p>