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791135

DDH V9-2

SUMMARY LOG

P.A. WILSON

0-11.5m

Lithic crystal tuff-agglomerate

Dominantly a pale grey-green coloured medium grained crystal lithic tuff.

Sub-rounded-angular rhyolite, porphyritic lava and quartzose fragments up to 2cm across, set in a pale grey quartzo-feldspathic matrix. Some brecciation in evidence caused by narrow anastomosing veinlets and irregular patches of chlorite/pyrite.

11.5-13.2

Chloritic lithic crystal tuff

Angular, brecciated fragments of fine grained-buff coloured acid volcanics in a chloritised matrix of fine-grained quartz crystal tuff.

13.2-30m

Mottled quartz-crystal tuff

Rounded subangular (1-2mm) quartz 'phenocrysts' set in mottled, fine-grained tuffaceous matrix. Occasional chlorite flecks (fiamme?) and 1-2 vol % euhedral disseminated pyrite. Quartz 'phenocrysts' form locally 70% of the rock.

30-33.8m

Mottled crystal tuff

As above but extensively veined by chlorite subparallel to long core axis. Pyrite occurs both disseminated and in chlorite veins where it comprises upwards of 15% of the rock. Chlorite veins cut by yellow 'siderite' veins.