

C067 (P) Discussion

Piezometer one will monitor the expected water pressure of the basal PCO. In effect this zone is the floor to PCO because the dominant lithology is clay. Piezometer two monitors the expected water pressure of PCO. The brown coal of PCO may be a potential aquifer, because piezometer two flowed when the zone to be monitored was sealed.

C071 (P1)

Cored hole C071 was backfilled to 31.2m with cuttings and a cement plug was added between 31.2 and 30.4m. Piezometer 1 is set at 30.4m and is slotted between 30.4 and 27.4m. The hole was backfilled with coarse dolerite gravel from 30.5 to 25m, and a cement aggregate plug placed between 25 and 23m.

Piezometer one flowed sandy muddy water when the cement plug was positioned in the bore hole.

The piezometer will monitor the water pressure of the floor to seam PBO.

R071 (P1)

Rotary hole R071 was open to total depth. It was backfilled with cuttings, but bridged off at 30m.

Piezometer one is set at 66m and slotted from 66 to 63m. A cement plug is situated at 30m. The hole was backfilled with cuttings to 23.5m.

R071 (P2)

A cement plug exists from 23.5 to 22m. Piezometer 2 is set at 22m. It is slotted between 22 and 19m. The drill hole was backfilled with gravel to a depth of 19m. The gravel is overlain by a thin clay band and a cement plug. The hole was backfilled to the surface with cuttings.

Piezometers 1 and 2 monitor the water pressure of the PCO floor and PCO seam, and PBO respectively.