

The piezometer will monitor the water pressure of all brown coal seams (SA0, SB0, SC0, SD0) and the floor of the deepest seam, (SD0).

*The term bridged refers to a section of hole in which the diameter has decreased from that originally drilled by clay balling or collapse of the hole wall.

C064 (P)

Cored hole C064 was open to 18.6m. The hole was backfilled to 16.3 with cuttings and a cement plug. The piezometer is set at 16.3m, and slotted between 13.7 and 16.3m. Fine to medium quartzose sand was shovelled down the hole sufficient to backfill it to 13.0m.

The sand was allowed to settle for 24 hours, and it was found that the hole was backfilled to a depth of 4m. The caliper log for this hole shows that washouts occur in the overburden of SA0, indicating a possibility of weak strata. Caving of the hole wall in these weak zones may have impeded the sand from passing down the hole.

A cement plug was added at 4m, and the hole backfilled to the surface with cuttings.

The piezometer in this hole will monitor SB0, SA0 and the roof of SA0.

C067 (P1)

Piezometer one is set at 52.5m and is slotted from 52.5 to 50.6m. Coarse dolerite gravel was used to backfill the hole to 48.9m, and the zone to be monitored, 52.5 to 48.9m was sealed off with a 1.4m thick cement plug to 47.5m.

C067 (P2)

Piezometer two is installed at 47.5m and is slotted to 44.25m. The hole was backfilled with coarse dolerite gravel from 47.5 to 42.3m. A cement plug at 42.3m seals the zone 47.5 to 42.3m. The hole was backfilled to the surface with cuttings.

Piezometer two flowed after sealing the zone 47.5 to 42.3m.