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Rotary chip hole R027 intersected weathered siltstone at 8.1m, and green-grey clay, silicified siltstone, and shale to 32m. The silicified shale was banded dark grey to black and contained sulfide mineralisation. The driller thought that the shale was similar to the Silurian Mathinna Slates. However, this lithology is probably Permian in age.

The two drill holes which possibly intersected pre Tertiary basement are R005 and R036 (formerly BH 27). Rotary hole R005, is thought to have intersected Jurassic dolerite. No cuttings were returned to the surface to allow positive identification of the lithotype. An alternative lithology that may have been intersected is siderite. Rotary hole R036 is thought to have intersected silicified Permian shale, although it was difficult to determine if the rock type was a fine grained Tertiary basalt.