

Design of Protective Water Barrier pillar

Assessment of Mechanical performance of PWBP:

Zone of Positive Volumetric Strain (ZoPVS): 100.00%

Remark: PWBP is Liable to piping failure

Assessment of Hydraulic performance of PWBP:

Seepage (Qrpf): 59289.60 GPM/km

Remark: - Pillar Width is Inadequate

- High Seepage Severity
- Extremely difficult to manage such seepage, which has a considerable adverse effect on mine productivity