



| Rockmass Quality | Support type and amount | | | | Remarks |
|------------------------|-------------------------|---|--|---|---------|
| | Type | Rockbolting Dia=20-25mm | Shotcrete thickness | Concrete lining(mm) | |
| Soft ground tunnelling | S6 | L=4m, 25mm dia Systematic bolting @ 1 c/c crown and @ 1 c/c wall | Steel Fibre Reinforced shotcrete 250mm with 10m long canopy pipe, dia 90mm @500mm c/c, 3m of overlapping in second stage of canopy. | 400mm thick reinforced concrete lining with ISMB 200 steel ribs, 1m c/c. | Soil |

