



Rockmass Quality	Support type and amount				Remarks
	Type	Rockbolting Dia=20-25mm	Shotcrete thickness	Concrete lining(mm)	
Q3 Very Poor to Poor Quality Q-Value 0.4 to 1	S3	L=3.5m, 25 mm dia Systematic bolting @ 1.5 c/c crown and @ 1.5 c/c wall	Steel Fibre Reinforced shotcrete 90 mm at crown and walls	300mm thick reinforced concrete lining	Moderately jointed and fractured rock with few clay gouge bands.

