



Rockmass Quality	Support type and amount				Remarks
	Type	Rockbolting Dia=20-25mm	Shotcrete thickness	Concrete lining(mm)	
Q5 Exceptionally Poor to Extremely Poor Quality Q-Value 0.004 to 0.04	S5	L=4m, 25 mm dia Systematic bolting @ 1 c/c crown and @ 1 c/c wall	Steel Fibre Reinforced shotcrete 150 mm at crown and walls	300mm thick reinforced concrete lining with ISMB 200 steel ribs, @ 1m c/c.	Heavily crushed/ fractured rock with thick clay gauge layers and multiple shear zones.

