

01.02.1.3.2 The bore holing process

(1) No.	Hazard (2)		(3) Person	(4) Harm	(5) Current safety measures
	Specific Hazard Area	Hazard Description			
2	0	Bore holing			
2	1	Moving parts of the bore holing machine	Mechanical hazards due to the moving parts of the bore holing machinery	Person in charge Operator	Severe harm Training of personnel Periodic check of protective measures of the bore holing machine
2	2	Material falling from height	Material falling from height from the above quarry table	Person in charge Operator	Severe harm Checks of the quarry table. Existence of a drilling plan. Never drill on an older bore hole.
2	3	Fall from height	Working near the edge	Person in charge Operator	Severe harm Implementation of operational procedures including checks prior to working on a quarry table. Make sure that there is adequate space between the bore holing machinery and the quarry table edge.
2	4	Failure of a quarry table	Failure of a quarry table due to instability following the previous explosion	Person in charge Operator	Severe harm Check prior to working on a quarry table for possible cracks and drops.
2	5	Blasting of material	Blasting of material during bore holing	Person in charge Operator	Severe harm Training of personnel. Use of PPEs.
2	6	Presence of dust and noise	Presence of dust and noise during the operation of the drilling machinery	Person in charge Operator	Gradual hearing impairment , Breathing problems Training of personnel Use of PPE
2	7	Movement of earth moving equipment	Crushing of employees working on the quarry tables	Person in charge Operator	Severe harm or death Implementation of operational directives relating to the movement of transportation equipment and personnel in the quarry.
2	8	Maintenance of the bore holing machinery	Failure to secure the machinery. Maintenance by unauthorised personnel	Maintenance technician	Severe harm or death Implementation of operational directives relating to the securing of machinery for the execution of maintenance work. Preparation of the temporary measures. Use of PPE