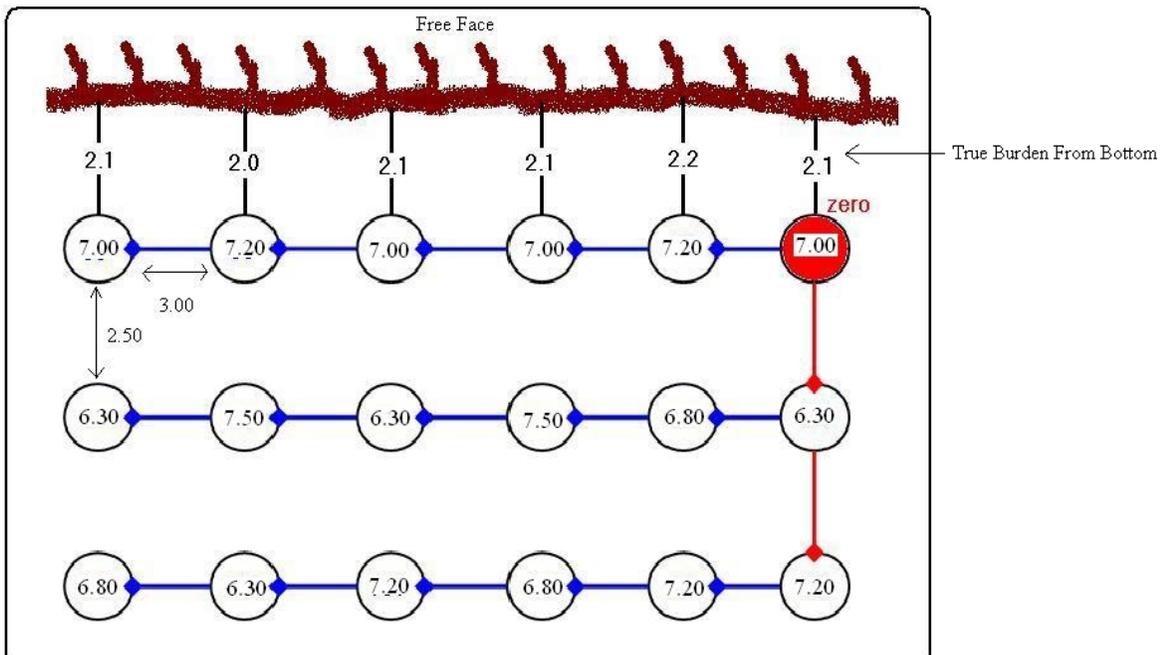


Safety Practice For Drilling

1	Misfire of the previous blast has been checked.
2	No attempt was made to drill in case of undetonated explosive are suspected.
3	Drilling shall not be resumed after blast have been fired until thorough examination had been made to make sure that there are no unexploded charges in the remaining butt of old holes or otherwise, which the drill may strike.
4	No person shall be allowed to deepen the drill holes which have contained explosives or blasting agents or insert a drill, pick or bore in butts of old holes even if examination fails to disclose explosives.
5	No drilling shall be started until previous holes in the blasted area are flushed with air and water
6	While planning drilling operations for Blasting purpose, consideration must be given to the nature of stratum & the overburden with a view to avoiding the possibilities of land slides after blasting.
7	The face of Rock shall be carefully examined before Drilling, to determine the possible presence of unfired explosive. No attempt shall be made to drill at a site if undenoted explosives are suspected.
8	The instructions for drilling or drill pattern has to be given in drawing format (Figure attached) duly signed by the engineer / supervisors.
9	The positions of all holes to be drilled shall be marked with a white paint.
10	Holes marked to be drilled are properly inspected by competent person.
11	The diameter of bore of each hole is greater than the outside diameter of explosive.
12	Roads/Ramps shall be checked for suitability for shifting of the machine & obstacles should be cleared.
13	Drilling Machine should be adequately fueled before operation & the excess diesel should not be stored near the machine.
14	Hose coupling checked for proper fittings & safety chains.
15	Toolbox shall be ready while transportation.
16	Machine shall be driven by skilled operator with 2 helpers.
17	While transporting machine hose pipes or any other pipes which are loose should be tied to avoid any damages.
18	The machine should be equipped with First-Aid box.
19	Rock drillers /helpers shall be equipped with approved respirators, Ear plugs, Safety Goggles, Hand gloves, safety shoes & safety Helmets for sillicious dusty atmosphere arising out of Drilling operations.
20	Loading & drilling shall not be carried out at the same time in the same area.
21	The borehole shall be carefully checked for length, presence of dust, water etc, with a wooden tamping pole or a measuring tape before loading. It shall be cleared of all debris before explosives are inserted.
22	Any change in dimensions of actual drilling due to undulations has to be informed immediately to the engineers.
23	Shifting of Drilling Machine should be done at a safe distance before blast.
24	No loose material such as tools, drilling equipments, etc. is not left on the rock surface to be blasted.

Date _____
 Location _____
 Co-Ordinates _____
 Bench No. _____

Total RMT :- 124.60 mtr.
 Total Holes :- 18 nos.
 Spacing X Burden :- 3.00 X 2.50 mtr.



Signatures
 Terock
 Engineer : _____
 Supervisor : _____

Lafarge
 Engineer : _____
 Supervisor : _____