

*Day One*

**2020  
COVID CUP  
MINE RESCUE  
JUDGES PACK**

## STATEMENT

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I am \_\_\_\_\_, Superintendent of the COVID CLEAN Company Quarantined Mine. Thank you for responding to our emergency. This is a brand new section started up to connect to a new intake air shaft in the #1 entry. Last night a 4 person crew entered the mine to perform work. When the outside person had not heard from them in a while, she tried to communicate with them and was not able to make contact so she contacted all necessary officials.

The section is ventilated by an exhaust fan and the return is in the #1 entry with intake coming up #2 and #3.

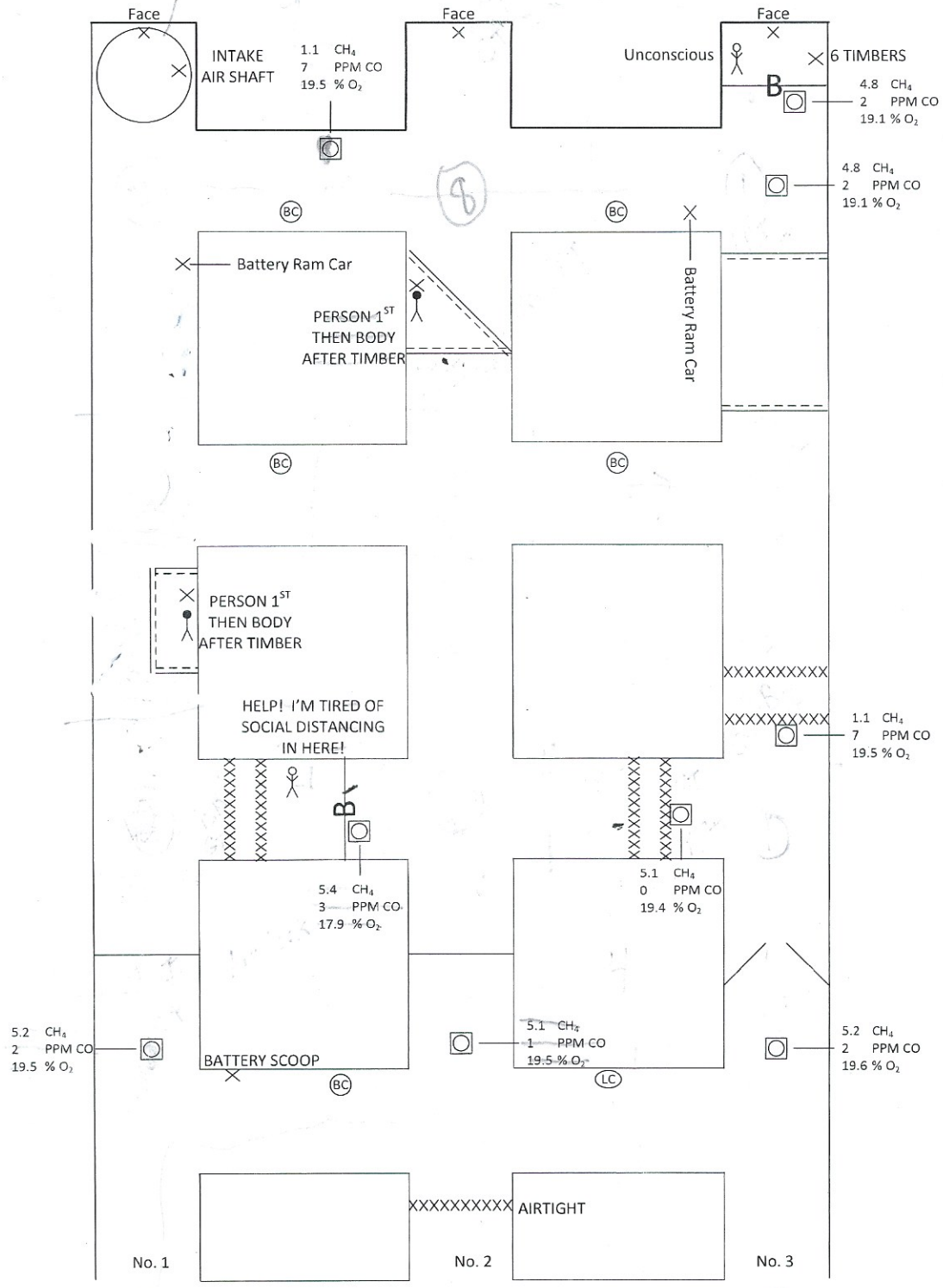
The mine is known to liberate methane and have water accumulations. The mine floor can be very uneven and you should be very cautious of water depth.

## PROBLEM

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- THERE IS A 80 MINUTE TIME LIMIT AND YOU WILL RECEIVE A 10 MINUTE WARNING
- THE FAN IS RUNNING. IT IS AN EXHAUSTING FAN AND IT CAN NOT BE STOPPED OR REVERSED. CURRENTLY THERE ARE NO STOPPINGS ACROSS THE FRESH AIR BASE SO THE AIR IS SHORT CIRCUITED
- YOU MAY ONLY CARRY 2 BUILDS WITH YOU
- REPORT TO THE COMMAND CENTER IMMEDIATELY WHEN YOU HAVE VERBAL OR VISUAL CONTACT WITH A MISSING MINER
- IMMEDIATELY REPORT ANY IMPASSABLE WATER

# 2020 COVID CUP



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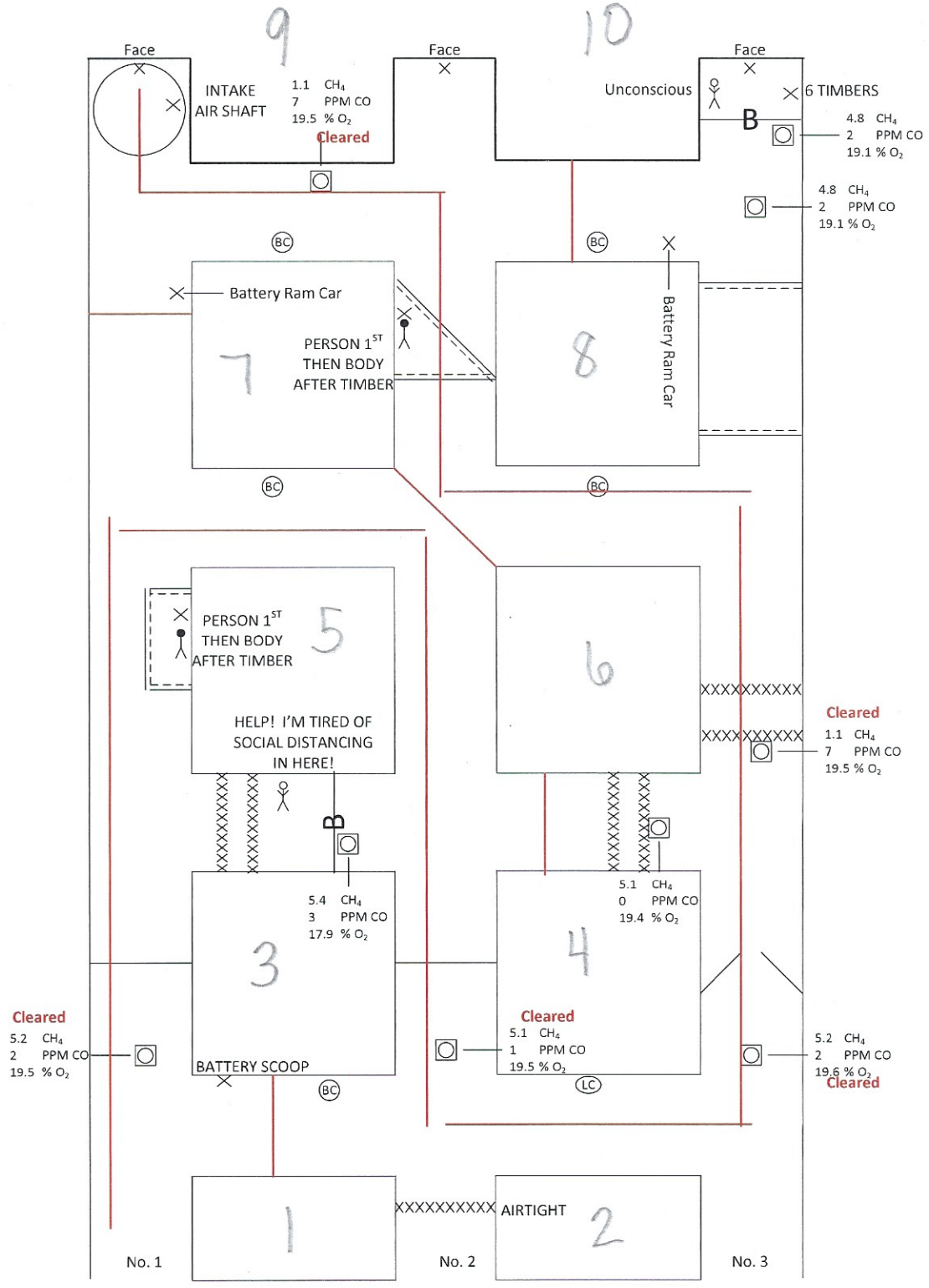
JUDGES,

I DID NOT LABEL THE STOPS BECAUSE THERE ARE A FEW VARIATIONS AT THE BEGINNING. THERE ARE THREE IMPORTANT POINTS FOR INITIAL EXPLORATION:

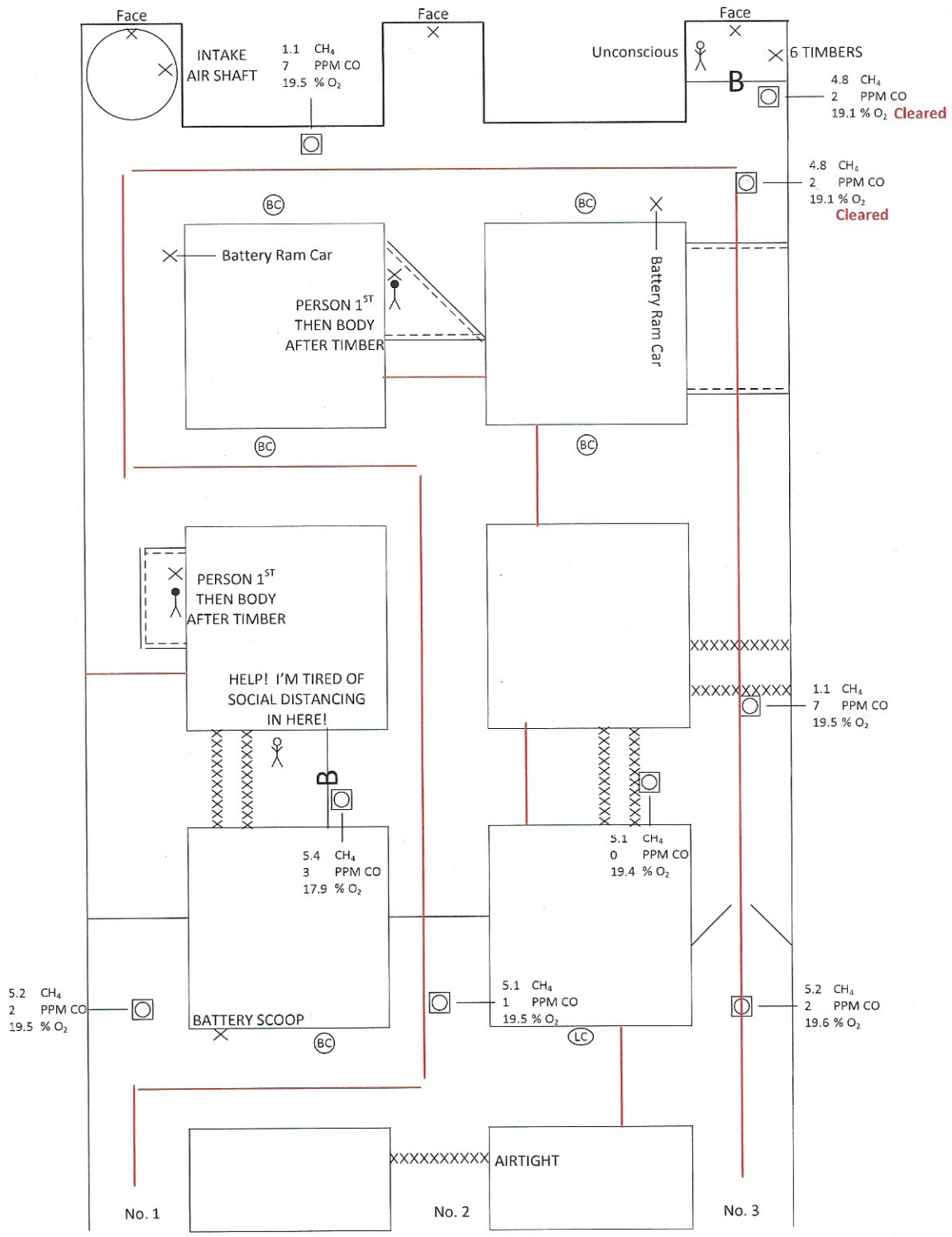
- THEY MUST MAKE IT TO THE IMAGINARY LINE IN #3 BEFORE THE TAIL CAPTAIN ENTERS THE MINE BECAUSE THAT STOPPING IS NOT INTACT.
- BECAUSE THE GASSES IN #1 AND #2 STOP AT THE STOPPINGS AND THE GAS IN #3 EXTENDS BEYOND THE IMAGINARY LINE INTO THE INTERSECTION, THEY MUST INITIALLY ENTER THE MINE IN #2 OR #3.
- THE GAS AT THE CAVED IN #3 ENTRY MEANS THAT ENTRY IS STILL CONTAMINATED AND WHEN THEY ADVANCE UP #2 THEY SHOULD TIE ACROSS TO #3 BEFORE #1.



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