

Day 1 Statement

Thank you for answering our call for help. You are located in the FAB of the Mountaineer No. 1 Mine. The FAB was established by a previous team and all areas outby the FAB can be used for ventilation.

The mine is ventilated by an exhaust fan. Air normally intakes in the no. 2 entry and returns in the no. 1 and no. 3 entries. The Mine Fan is currently off, but can be started by contacting the Command Center. The mine has recently connected to an intake airshaft that will be shown on the mine map. Electrical power to the underground area of the mine has been de-energized and locked out on the surface, but can be energized by contacting the Command Center. Mining is in the northern direction.

Last night at 12:01 AM, four miners entered the mine to perform maintenance on the working section. At 2:00 AM, one of the miners contacted at the surface and reported a fire on the section. The outside person has since been unable to contact the section crew. Subsequent attempts to contact the miners have been unsuccessful. The mine has a history of methane, bad roof, and water. The mine maps are up to date. Both agencies have been notified and are present. A backup mine rescue team is present. Two blank maps and the team's written instructions will be provided when you are ready to begin working.

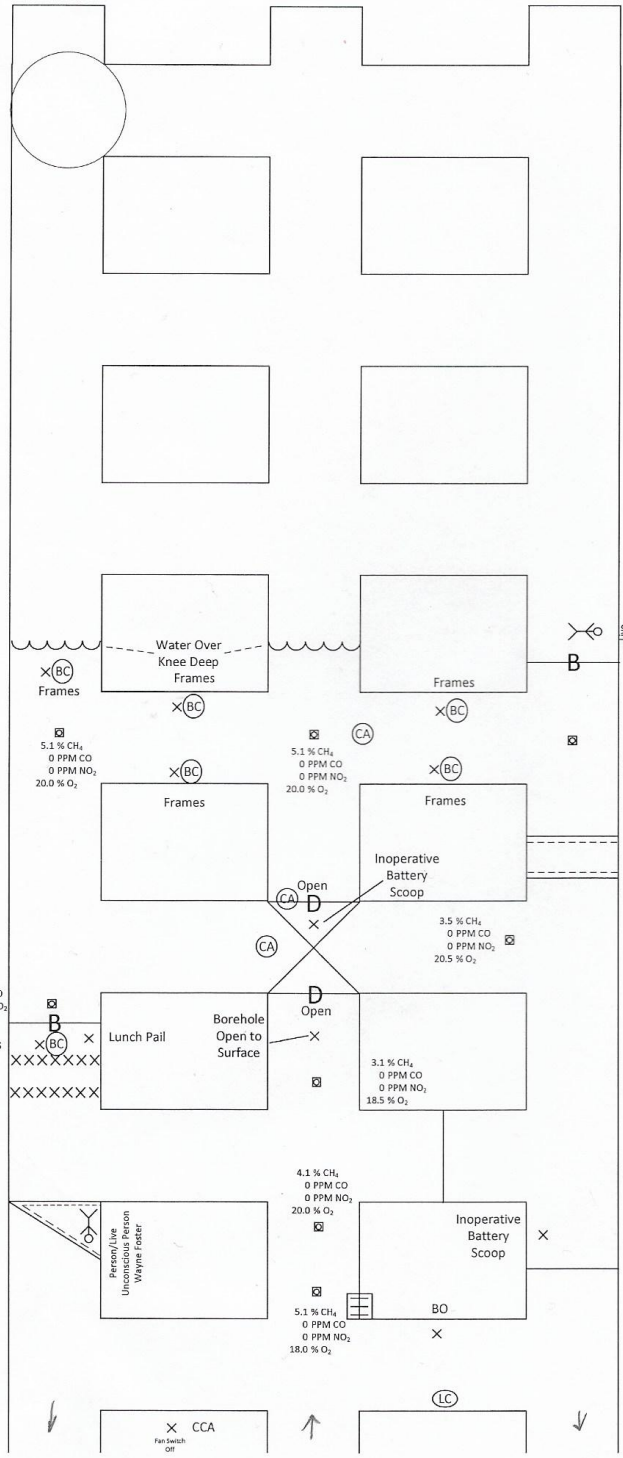
Day 1
Team Instructions
Problem

- Account for all missing miners.
- Explore all parts of the mine that can be safely explored.
- Once started, the mine fan cannot be stopped, stalled, or reversed.
- At each apparatus check, the name of the team member with the lowest oxygen level and the oxygen level must be call out to the command center (briefing officer if there is no command center attendant) prior to the team moving from that team stop. *LOWEST TEAM MEMBER NEEDS CALLED OUT or FAN*
- The team cannot move any barricade nailed to the ground.
- The team must comply with all team notes provided to them.
- A time limit of ~~80~~⁹⁰ minutes has been established for this problem. The team will be advised 10 minutes prior to this time limit expiring.

**Day 1
Patient Note**

(Patient Behind barricade in no. 3 entry)

“Help, get me out”.



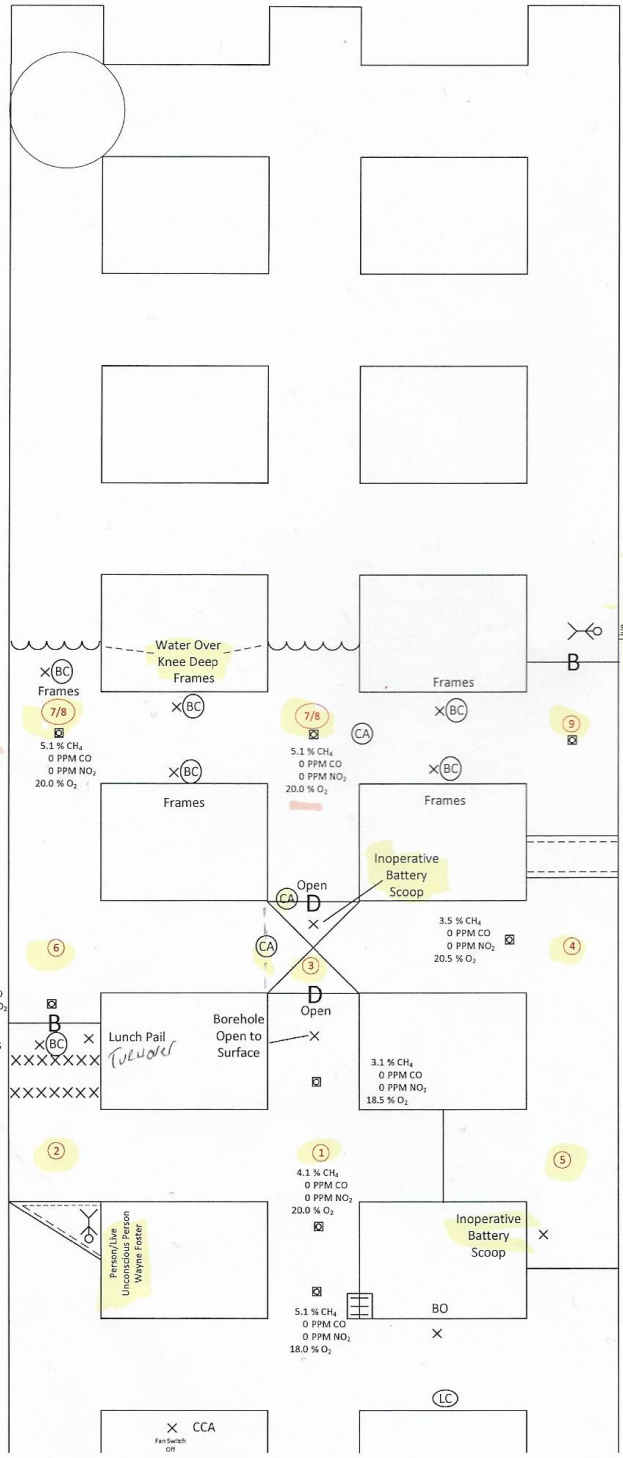
Person Talking/
Randy Willis

4.8% CH₄
0 PPM CO
0 PPM NO₂
19.0% O₂

Virginia Mining Institute
V-1-21

Day 1

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 Team Stops

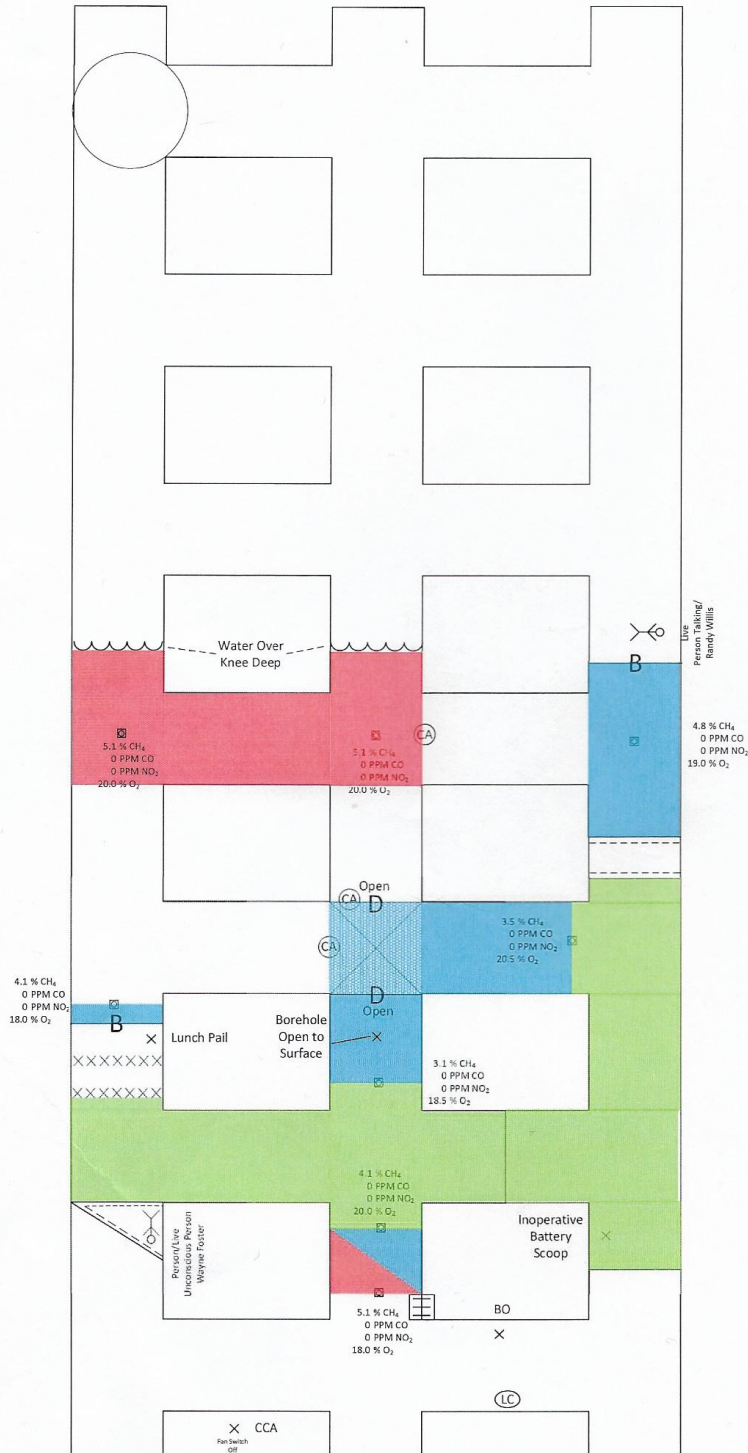


TRIP

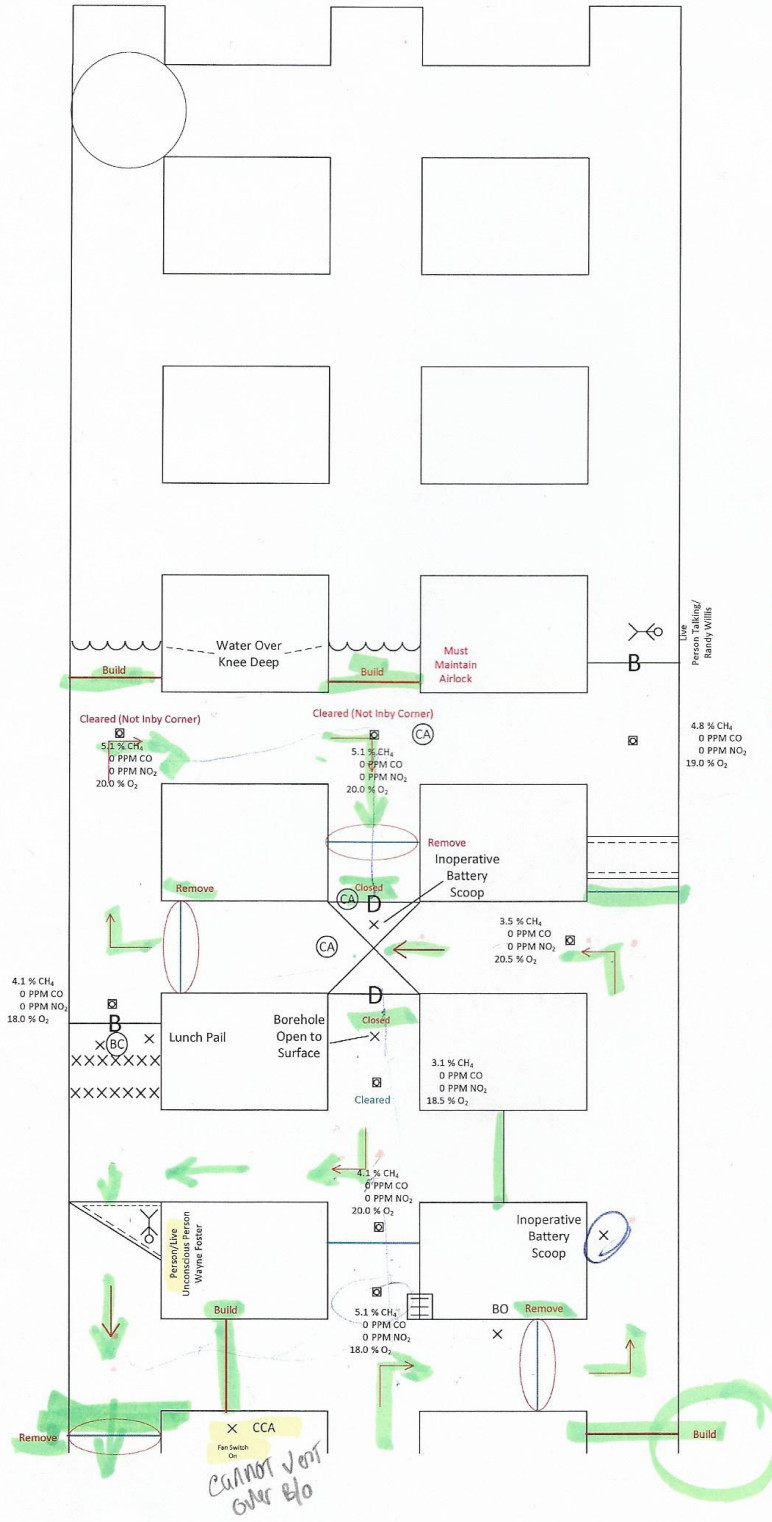
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WLF
 2/19/2009

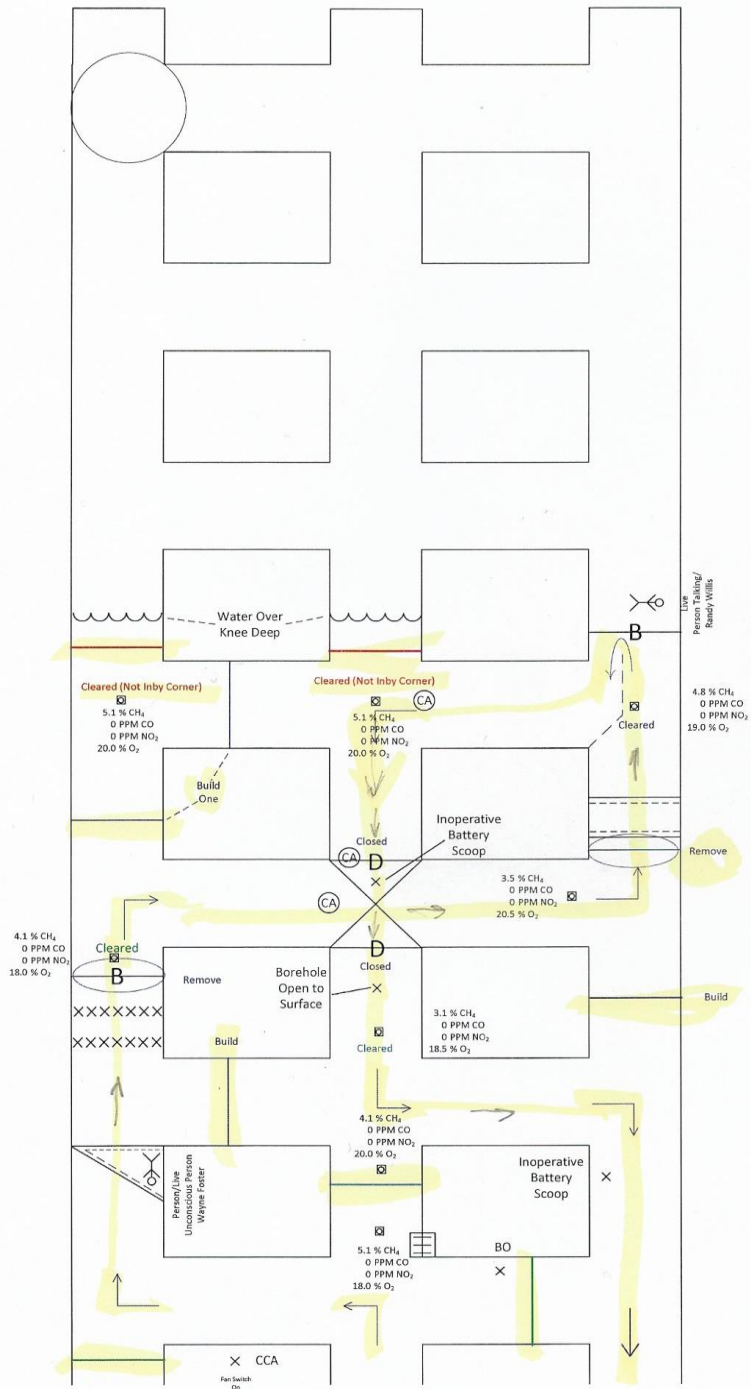
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 Extent of Gasses



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 2nd Ventilation



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 4th Ventilation



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Team Stops

