

## **MR Practice Problem #4**

### **Statement and Instructions**

Your Team is presently located at the established Fresh Air Base located in the #1 entry of the 1 East Mains of the mine. This section was advancing toward the 2 West Section in order to make an air connection. We received a call that the cut thru was made in the #1 entry and that a face ignition occurred during the cut thru. Here is the information available.

- There are 5 persons missing.
- Poor roof, methane and water accumulations are frequent in the mine.
- All power has been removed from the active section.
- There is a borehole on the surface that will supply power to the section if needed. The power is off at the present time, however the Team can request the borehole to be turned on, or off by getting permission from the Superintendent.
- All areas have been explored in the 1 West Section as well as all areas outby this Fresh Air Base, by other Mine Rescue Teams. All areas explored have been found safe, and not containing any explosive or irrespirable atmosphere's.
- The fan ventilating the 1 West Section is a blowing fan that cannot be stopped or reversed once started. It is off at the present time but can be started when needed by requesting permission thru the Superintendent.
- The fan ventilating the 1 East Mains is running at the present time. It cannot be stopped or reversed in order to maintain ventilation to the rest of the mine.
- Maps are up to date .
- All agencies and medical personnel are here to assist.
- Back up Mine Rescue Teams are available to back up only if needed.

#### **Instructions**

- Rescue all of the missing miners and bring them to the Fresh Air base.
- Explore the entire mine

#### **Patient in #1**

- Help get me out!!

#### **Patient Behind Barricade in #2 Face**

- Help ! Get me out. There's an airtight face behind me.

