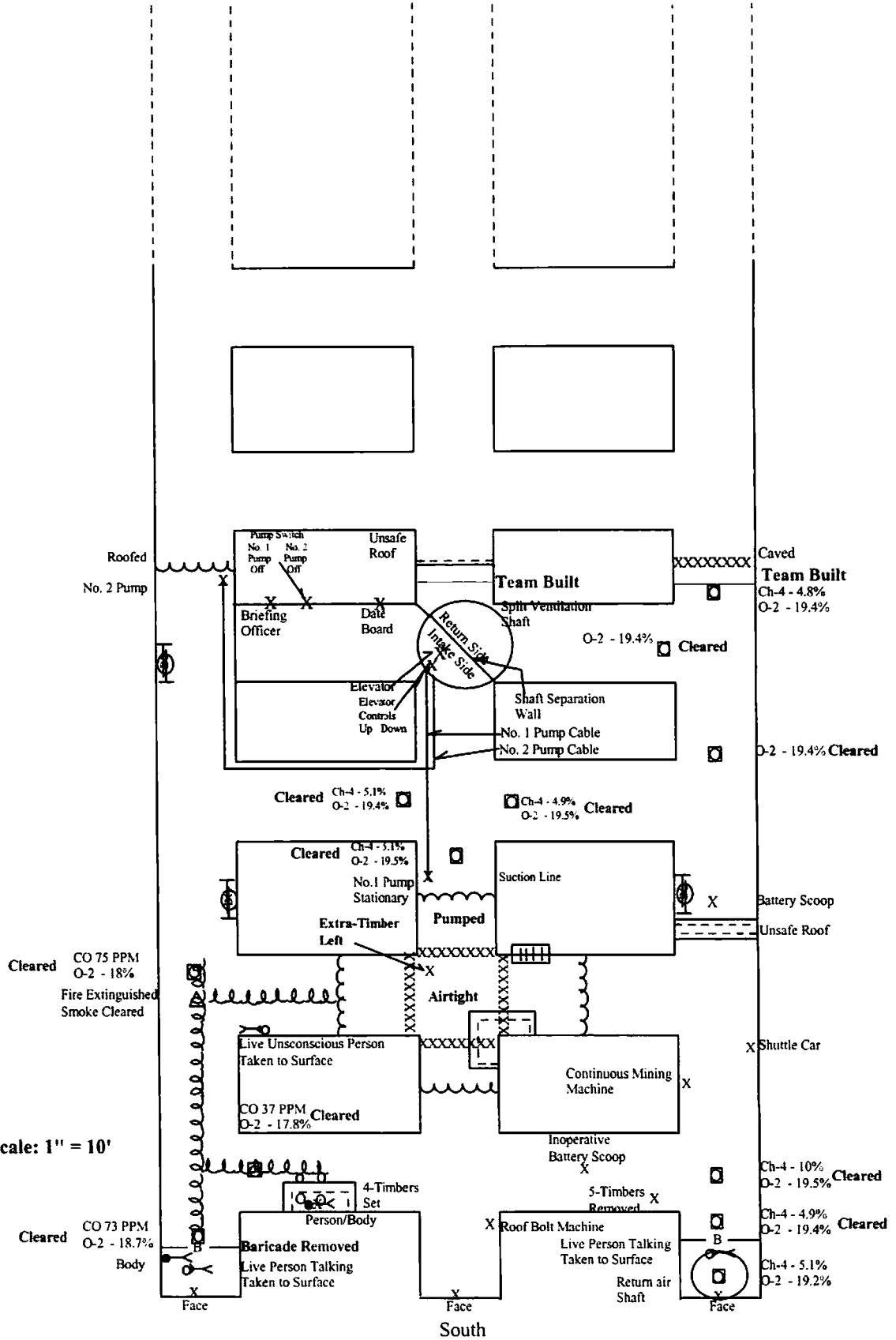


North



Virginia Mining Institute
Day 2 Competition 2006
Chairman's Instructions

- Before the team arrives on the field, the Chairman will check the field for mistakes and placard placement.
- The Chairman is responsible to account for all judges.
- The Chairman is responsible for the stopwatch and for its return to Wayne Davis.
- The Chairman will assign a judge to be the official timekeeper.
- The Chairman, or other judge designated by the Chairman, is responsible for turning all placards.
- The Chairman will place Patient No. 1 (Bush Ratliff) behind the barricade in the #1 entry first x-cut when team starts in the mine. Instruct patient to start reading Patient Note #1 "Help Help ..." when team enters the intersection outby barricade.
- The Chairman will place Patient No. 2 (Bill Hagy) inby water over knee deep #1 entry second x-cut when the team leaves first barricade in the #1 entry. Instruct patient to start reading Patient Note #2 " Help, Help..." when team enters the intersection outby water over knee deep..
- The Chairman will place Patient No. 3 (Ben Hid) "**(May have to use a Judge)**" behind the barricade at the top end of the #3 entry when team brings Patient Bill Hagy to the fresh air base. Instruct patient to start reading Patient Note #3 "Help, Help,..." when team enters the intersection outby barricade.
- The Chairman will place Patient No. 4 (Mike Glennon) behind the barricade in the #1 entry top end when team leaves barricade in the #3 entry. Instruct patient to start reading Patient Note #4 "Help, Help,..." when team enters the intersection outby barricade.
- The Chairman is responsible for having all the judges return to the surface at the completion of the problem and must receive both maps from the working team after the clock is stopped.
- The Chairman will check the time clock with the official timekeeper at the end of the problem. **(Minutes and seconds must be put on the working team's scorecard)**

Virginia Mining Institute
Day 2 Competition 2006
Chairman's Instructions

Cont'd

- At the completion of the problem, *the Chairman and one judge will check the mine and mark on a blank map how the ventilation controls were left by the working team.* This map will be submitted to the Map Examiners.
- The Chairman is responsible for having all judges, including the Superintendent, to fill out the scorecards after the completion of the problem.

Virginia Mining Institute
Day 2 Competition 2006
Superintendent's Instructions

The Superintendent shall assist the Field Manager in checking the field for mistakes and placard placement prior to any team starting the Problem.

- When the team arrives and is ready, the Superintendent shall read the prepared Statement but will not answer questions regarding the Problem or Conditions in the mine.
- A maximum of five (5) minutes will be allowed for the team to review the Statement after the Superintendent reads it to them.
- When the team is ready to start the Problem, the Superintendent will present the Team Instructions and Maps to the team. **Give them a copy of the written Statement as well.**
- After giving the Team Instructions and Maps to the team, the Superintendent will go to the Command Center to respond to any communications with the Briefing Officer.
- The Superintendent is to record the **Time** and the **Name** of each missing person when the Superintendent is notified by the Briefing Officer. **Also, note the time team calls out explosive mixtures located.** Place this record in the packet with the scorecards upon the conclusion of the Problem.
- After team completes first ventilation change (removes 70 ppm CO) from barricade in the #1 entry) **the Superintendent will give the Briefing Officer Command Center Note** (The fan installation on the new return air shaft is completed).
- The Superintendent is responsible for monitoring the pump status. Each time the Superintendent is notified of energizing or de-energizing the pump circuit, the Superintendent is to record the **time** and the **status** of the circuit.
- The Superintendent will assist Judges in filling out the scorecards upon conclusion of the Problem.

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Statement

I am _____, _____, Superintendent of Ben Lost Coal Company, High Weeds Mine. You are located on the surface at the top of recently completed split ventilation shaft where a new area is being developed underground. This area is projected to cut into the West Mains of Ben Lost to establish a new man portal. Your team explored the South portion of this area yesterday. An updated map of the South area will be given to you. The map shows how the area was left. Since yesterday, some ventilation materials have been relocated, the No. 2 pump was replaced with a new pump, and an intersection located in the No. 2 entry has caved airtight; this will be shown on your map.

Yesterday you were informed that 10 people were missing. Thus far you have accounted for 5 of those people. No contact has been made with the remaining miners.

Any areas that your team explored yesterday is considered to be explored today and can be traveled if necessary to account for all missing miners.

All underground power is de-energized on the surface. Power is supplied to the No. 1 and No. 2 pump switches.

The return fan located on the split ventilation shaft is operating and can not be turned off or reversed. The fan installation on the new return air shaft is near completion. When completed, your briefing officer will be notified. At that time the new fan can be started by contacting the command center. No self closing doors are installed on the fan. If the return fan is started it can not be turned off or reversed.

A Command Center has been established on the surface of the mine and will function to coordinate information and instructions to and from the team as they work through the mine.

We have a competent lifeline judge available (point out). The mine map was updated from your findings yesterday. That is all the information we have at this time.'

Virginia Mining Institute
Day 2 Competition 2006
Team Instructions

- The Briefing Officer shall establish communications with the Command Center prior to the team going underground.
- Rescue all live persons and bring them to the surface.
- Account for all missing miners.
- The team shall notify the Command Center immediately after they identify any missing persons and report their name to the Command Center.
- The team shall get permission from the Command Center prior to energizing or de-energizing any power circuit's underground.
- The team shall notify the Command Center immediately after they encounter an explosive mixture and give the location.

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Day 2 Competition 2006

Patient No. 1

NOTE

**“HELP, HELP, get me out...I have a caved
area behind me.”**

Virginia Mining Institute
Day 2 Competition 2006

Patient No. 2

NOTE

“HELP, HELP, get me out...I have water in front of me.”

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Day 2 Competition 2006

Patient No. 3

NOTE

**“HELP, HELP, get me out...I have an airtight
face area, roof, floor, and ribs.”**

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Patient No. 4

NOTE

**“HELP, HELP, get me out...I have an airtight
face area, roof, floor, and ribs.”**

Command Center Note

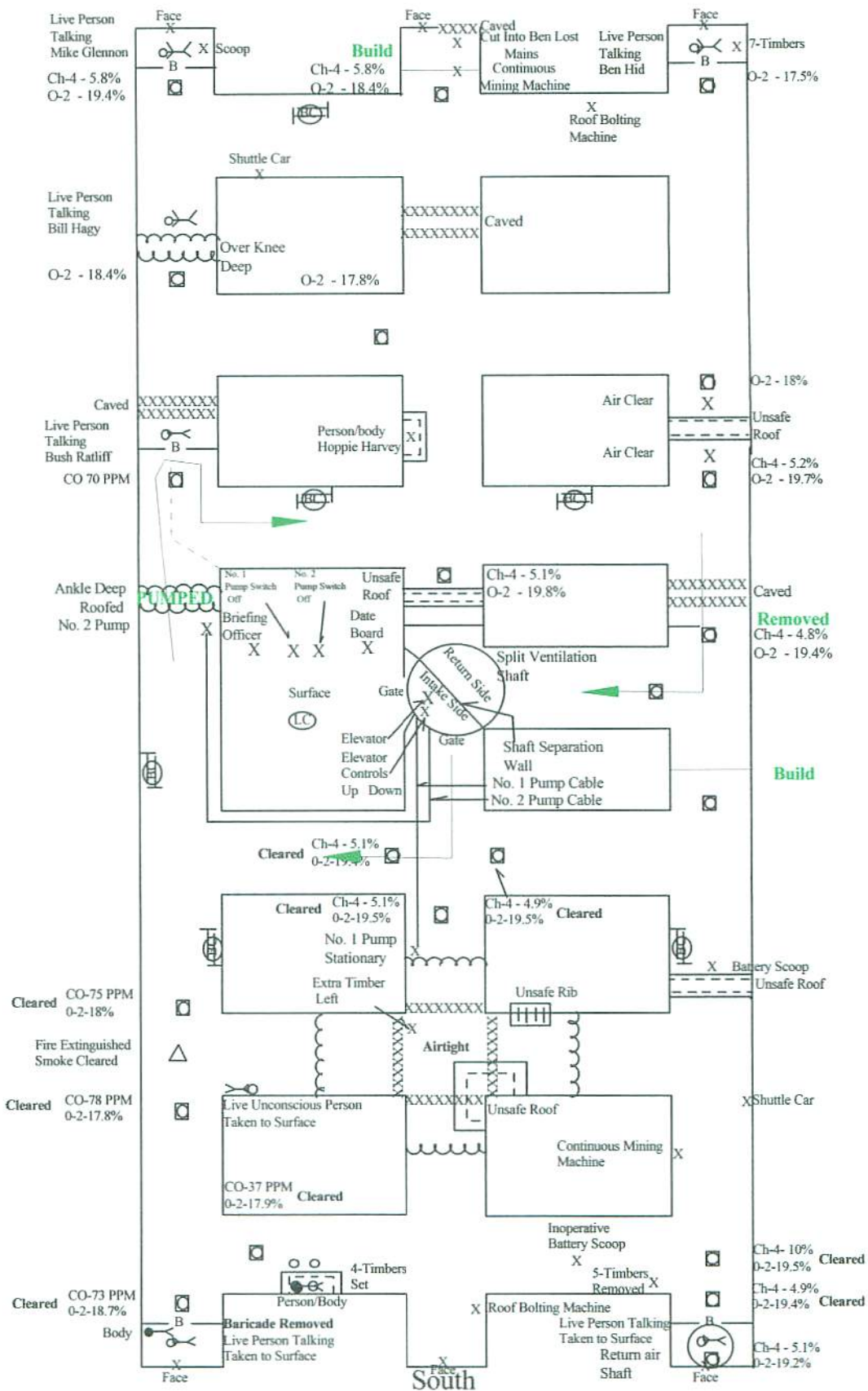
After team completes first ventilation change (removes 70 ppm CO from barricade in the #1 entry) the Superintendent will give the Briefing Officer the following Command Center Note:

“The fan installation on the new return air shaft is completed. If the return air shaft is needed, the fan can be started by contacting the Command Center.”

First Ventilation

V - 2 - 06

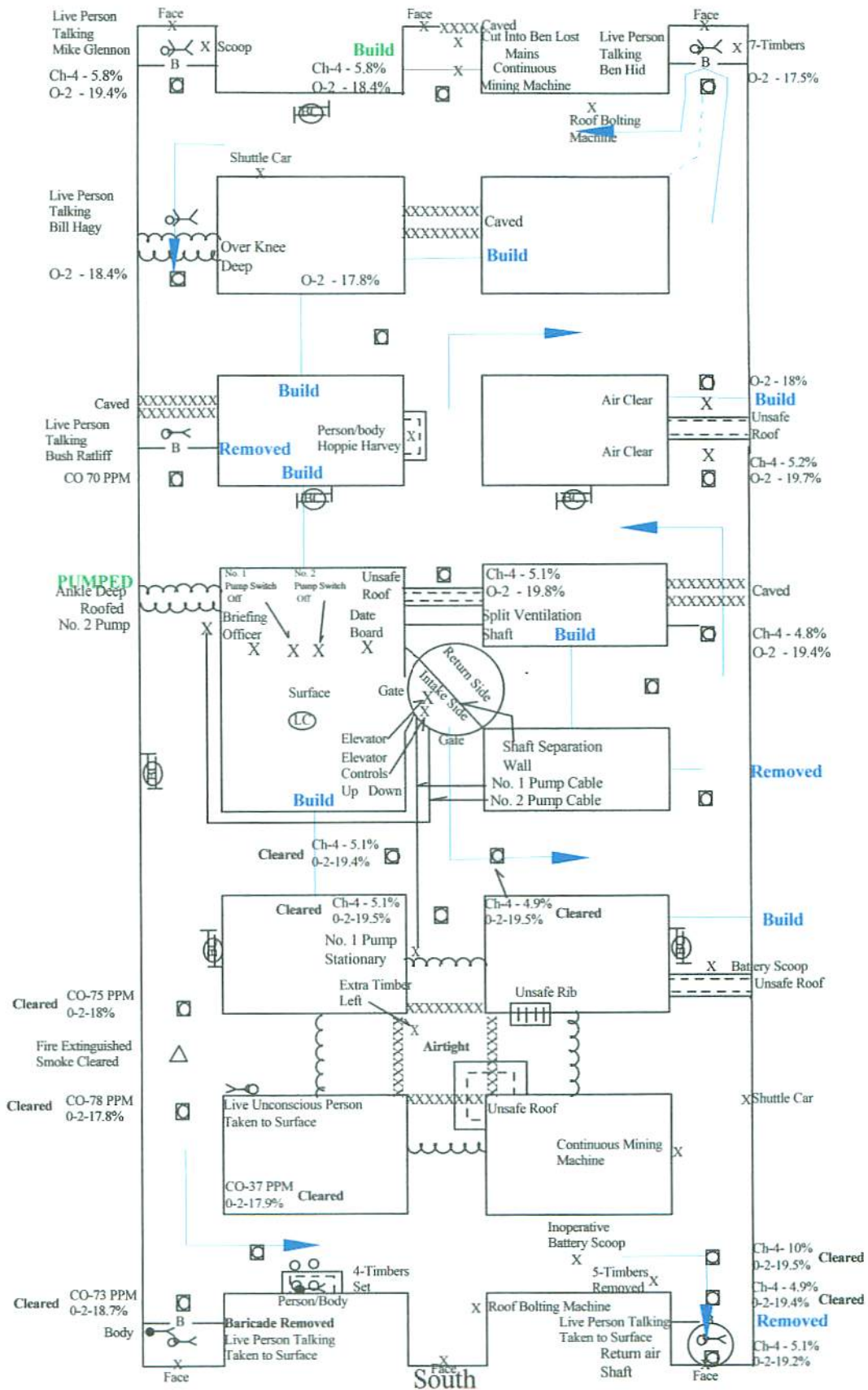
North



Second Ventilation

V - 2 - 06

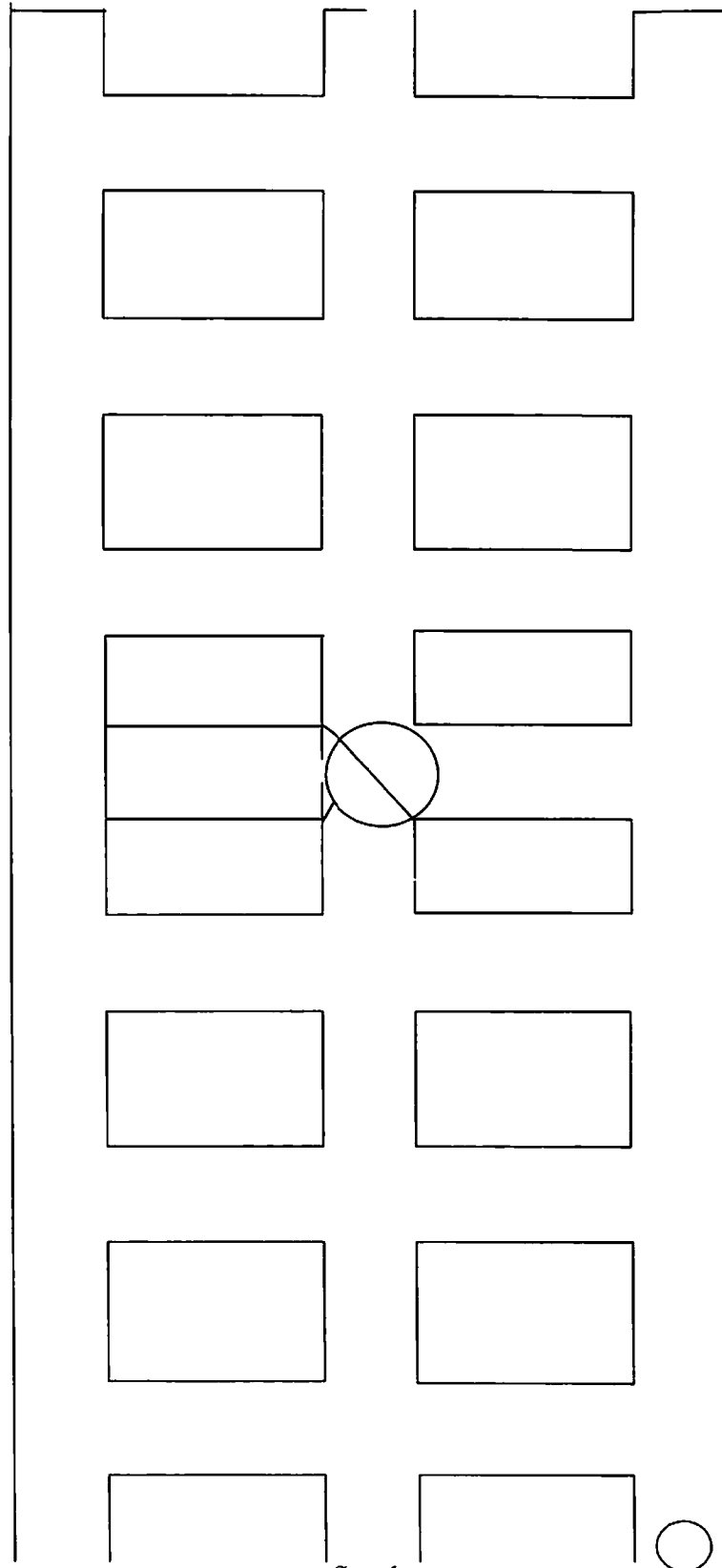
North



Blank Map of Problem Area

V - 2 - 06

North



South

Virginia Mining Institute

Day 2 Competition 2006

Big Mine Map

