

October 2010

Goochland & Poplar Pit Cave Complex, Rockcastle County, Kentucky, USA

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Goochland & Poplar Pit Cave Complex, Rockcastle County, Kentucky, USA

Exploration, Survey and Map Credits:

The first team worked primarily on the left side of Goochland.

The second team worked primarily on the right side of Goochland and Poplar Pit.

1969 - 1972 (names provided by Gary A. O'Dell)

Eric Albrektson

David P. Beiter

Josephine Beiter

Charles S. Bishop

James C. Currens

Ron Gariepy

Dave Kelly

Jeff Marquis

Gary A. O'Dell

Tom Roberts

Debbie Rogers

Jim Sharp

Jeff Vansant

1973 - 1977 (names provided by SWORCA map dated March, 1977)

John Evans

Jerry Gratsch

Mary Gratsch

Dave Harris

Ed Hawkinson

Werner Jud

Dave Kelly

Tim Kettering

Marve Knasel

Greg Maue

James Miller

John Miller

Pete Miller

Richard Sellers

David Sligar

Ken Macke

Larry Wuest

CAVEPLOT Computer Software, IBM 1130 hybrid, IBM 370, Calcomp Plotter (4 by 7 feet)
University of Cincinnati, Ohio, USA

Map as of March, 1977 (9.41 miles), Southwestern Ohio Regional Caving Association.
The CD ROM (version 5, October, 2010), was produced by David Sligar.

Exploration history and early maps can be found in: SWORCA Digest 1975, and
Caves of Rockcastle County by James R. Rebmann and Gary A. O'Dell.
The current known cave is over 11 miles.

This October, 2010 version 5 .pdf makes the map scale consistent on a page to page basis. Please discard all copies of the January, 2010 version 4 Goochland.pdf file.

This .pdf file is from the Goochland & Poplar Pit Cave Complex CD ROM version 5 produced by David Sligar as an effort to preserve a historical record of the exploration and map of the cave. The CD ROM includes map sections in lossless .tif format (LZW compression) that will print on 8.5 by 11 inch paper. IrfanView was used to set resolution and compression. OpenOffice.org was used to generate .pdf file. The sections were derived by cutting up and scanning a rare 4 by 7 foot 1977 SWORCA map blueprint. Over 60 hours of work (digital cleanup) was involved to make this digital version of the old yellowed paper map. In the future, I plan to reassemble the pages into a digital 4 by 7 foot map. I hope you enjoy the map. David Sligar has been a Greater Cincinnati Grotto, SWORCA, and Lexington Bluegrass Grotto member.

And the Goochland Cave story goes on...

The first edition Caves of Rockcastle County book map has 2.41 miles. (1 entrance)

The SWORCA Digest 1975 map has 7.01 miles. (2 entrances)

The SWORCA 1977 map has 9.41 miles.

The rare 4 by 7 foot March 1977 map is still the best and most current map as of October, 2010. (Yes, that is this map!)

Goochland now has about 11.18 miles. (3 entrances)

Liability Disclaimer and Warning

Notice: Cave exploring is a dangerous activity, and can kill you.

People have been trapped by flash floods in this cave.

You can drown in water. Cold water can kill.

You can slip, fall, or falling rocks can trap, crush and kill you.

You can get lost. You can run out of light.

There can be other unexpected dangers.

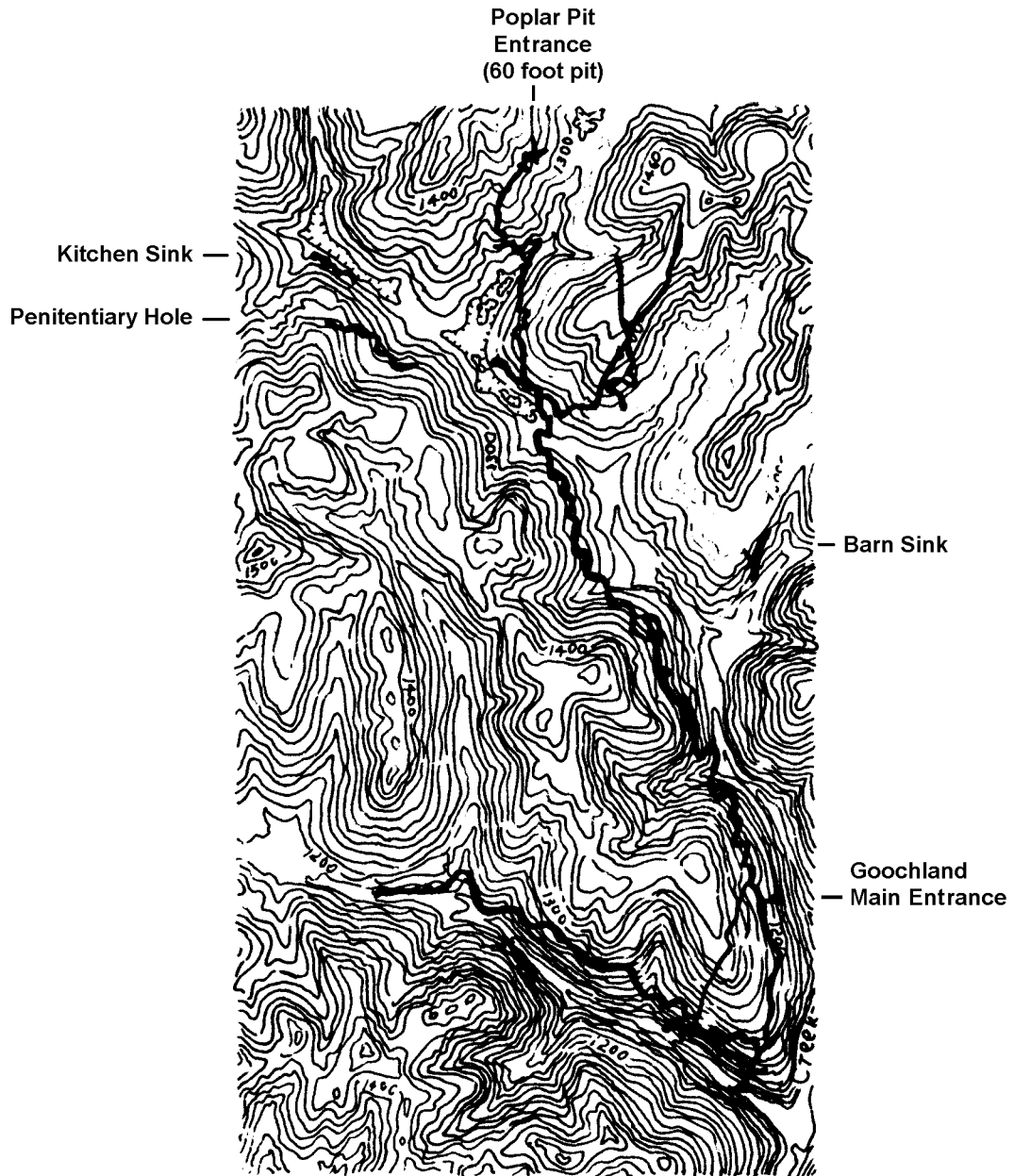
You always explore caves at your own risk.

Cave exploring is inherently dangerous.

By Federal law, it is currently illegal to enter this Daniel Boone National Forest cave due to efforts to contain the spread of White Nose Syndrome fungus in bats.

Remember, it is illegal to enter the cave at this time.

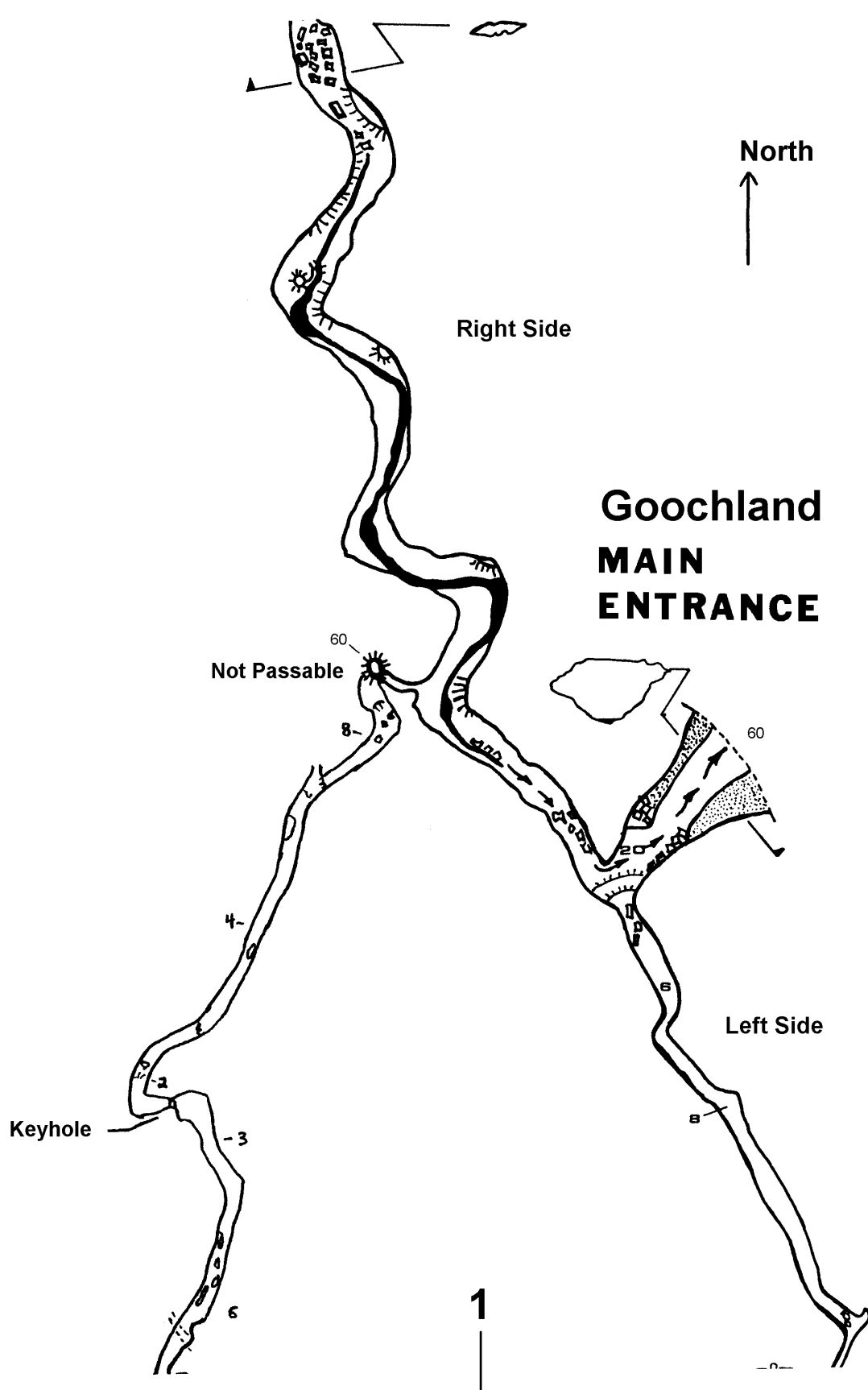
**Goochland - Poplar Cave Complex
Rockcastle County, Kentucky, USA**



Approximate Topographic Superposition

**Warning - Portions of cave
are subject to flash flooding**

11



North
↑

Right Side

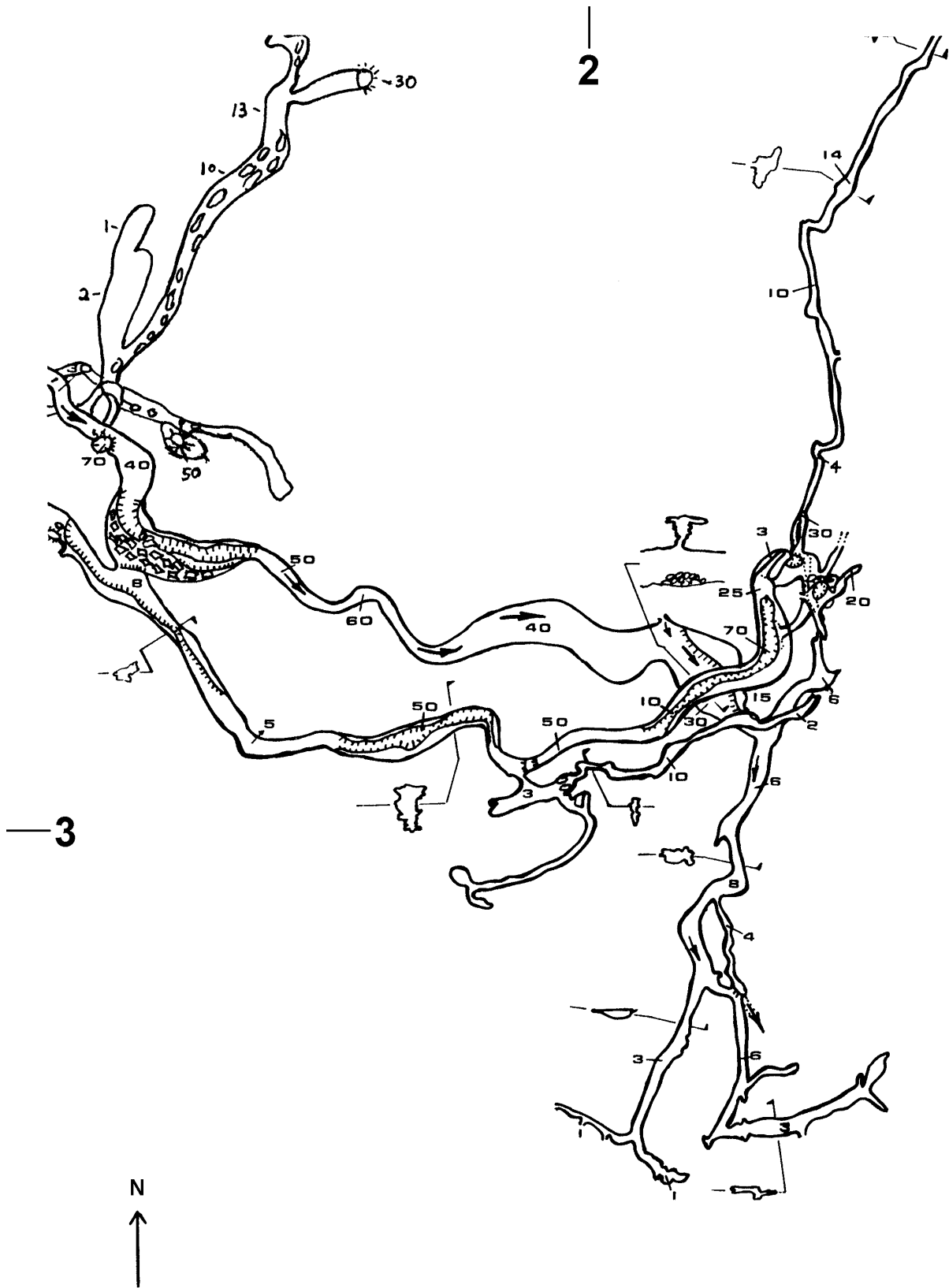
Goochland MAIN ENTRANCE

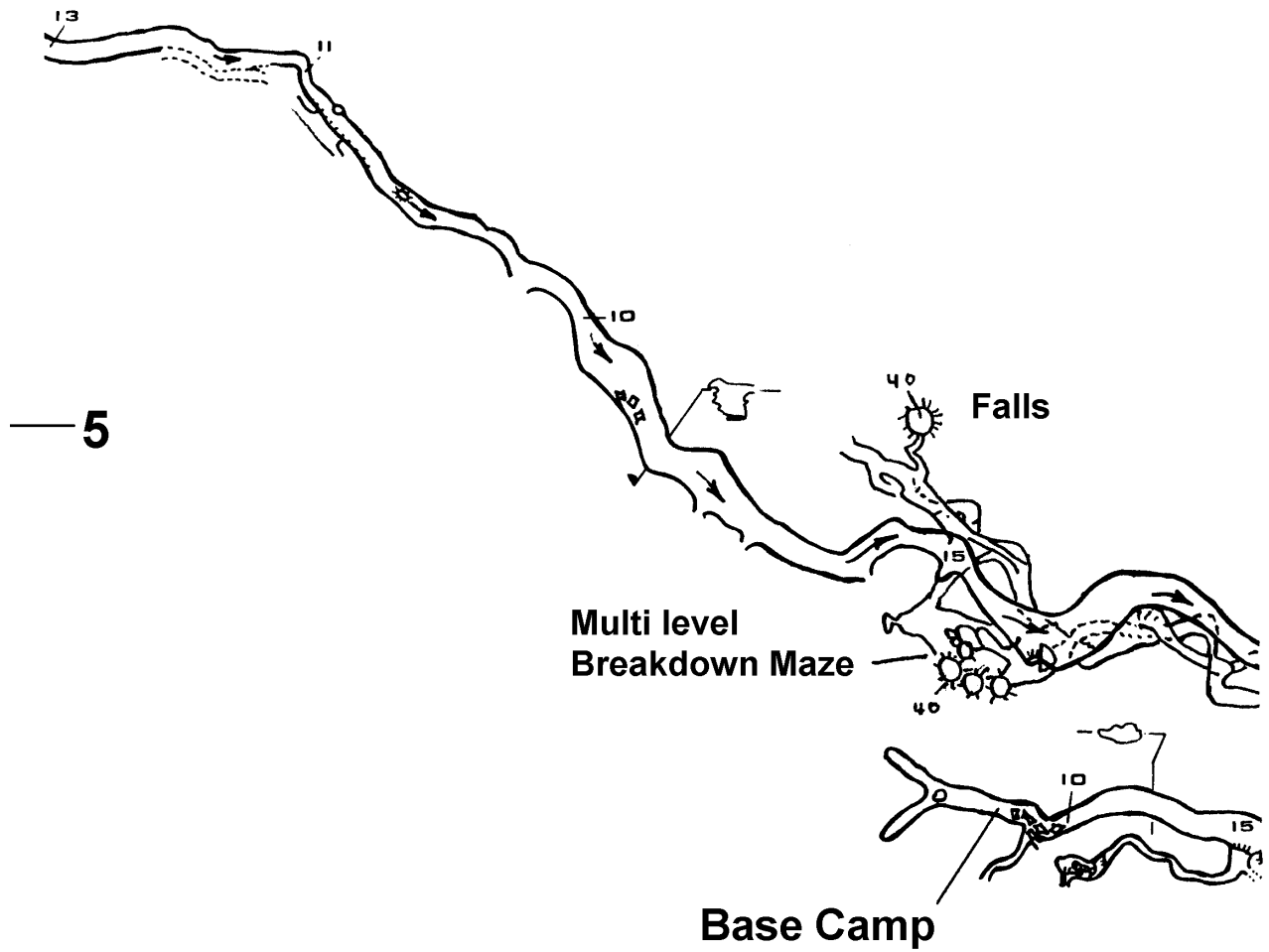
Not Passable

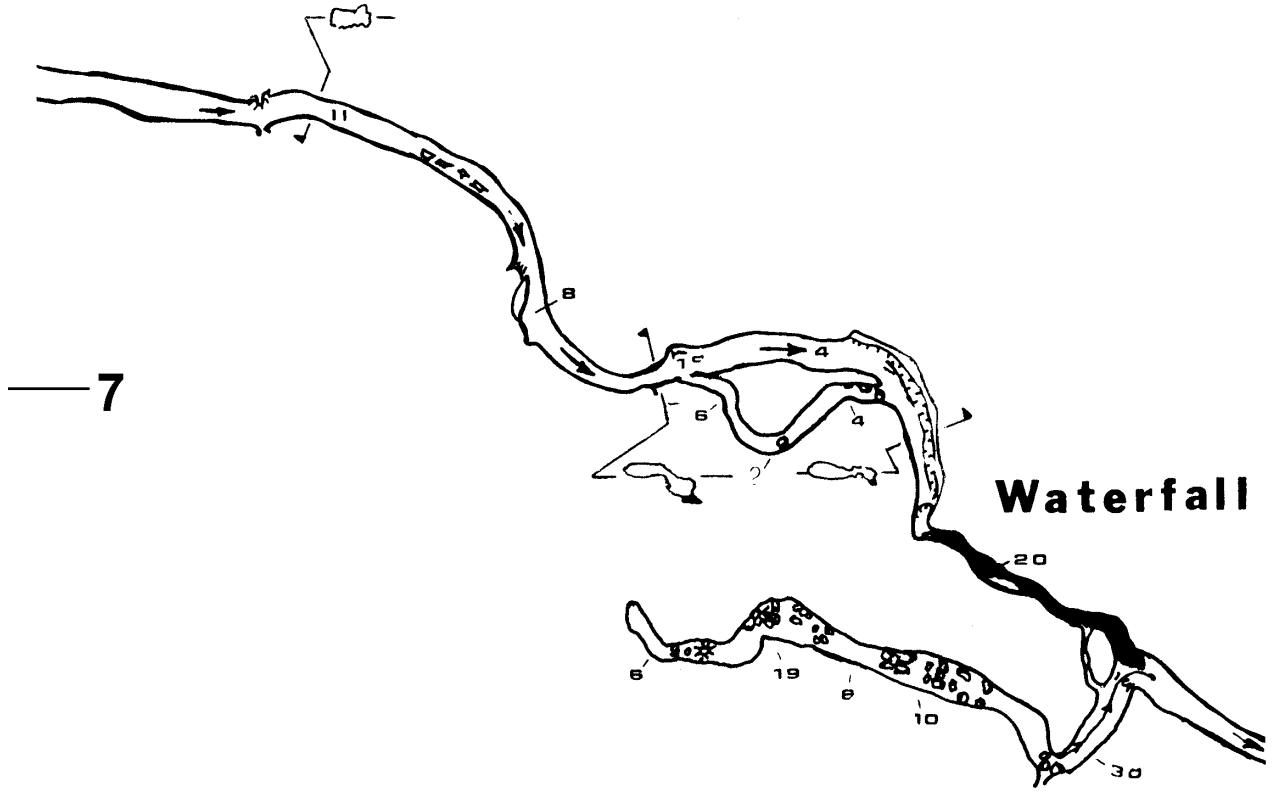
Left Side

Keyhole

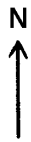
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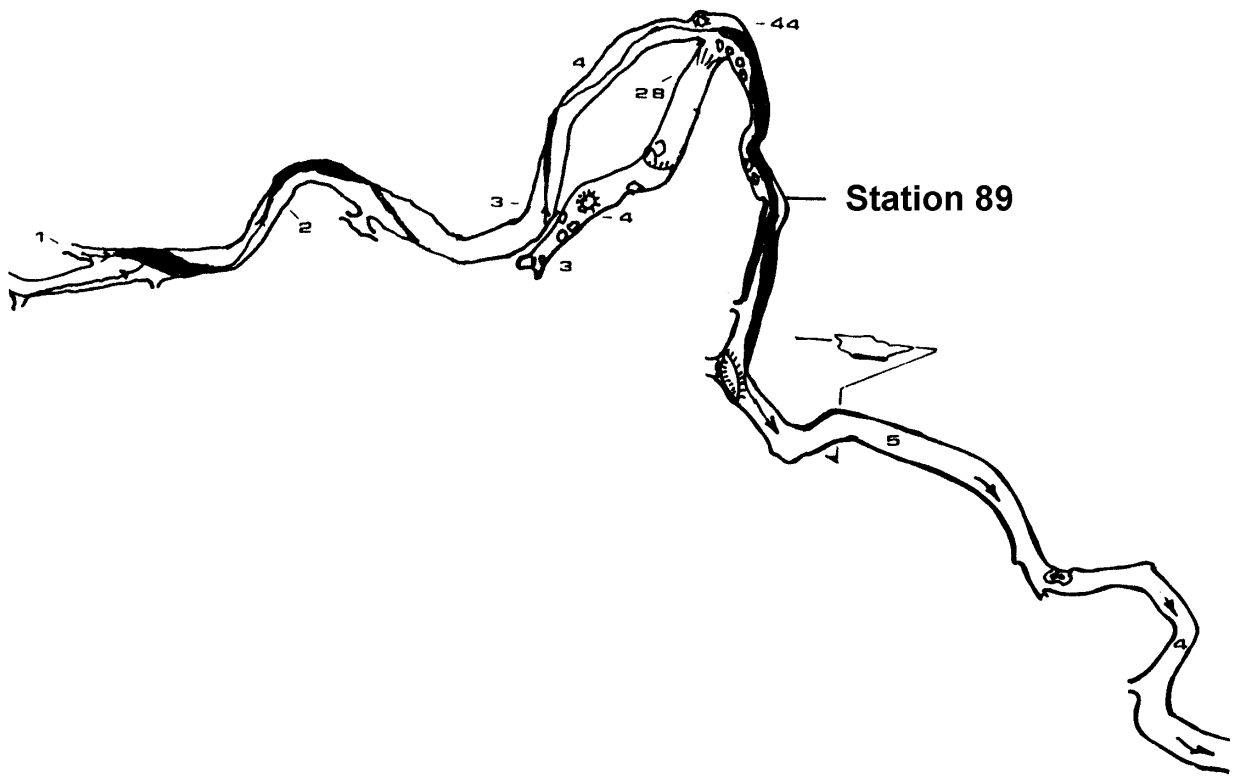




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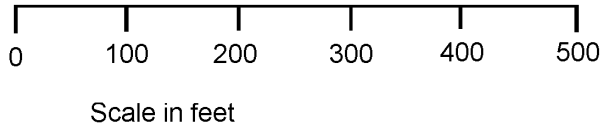
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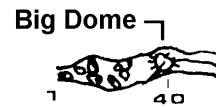
— 9

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LEGEND	
• Waterflow	
• Ceiling Height (ft.)	
• Small Breakdown	
• Large Breakdown	
• Dome	
• Dome Height (ft.)	
• Slope	
• Ledge	
• Depression	



Top of every page is magnetic north

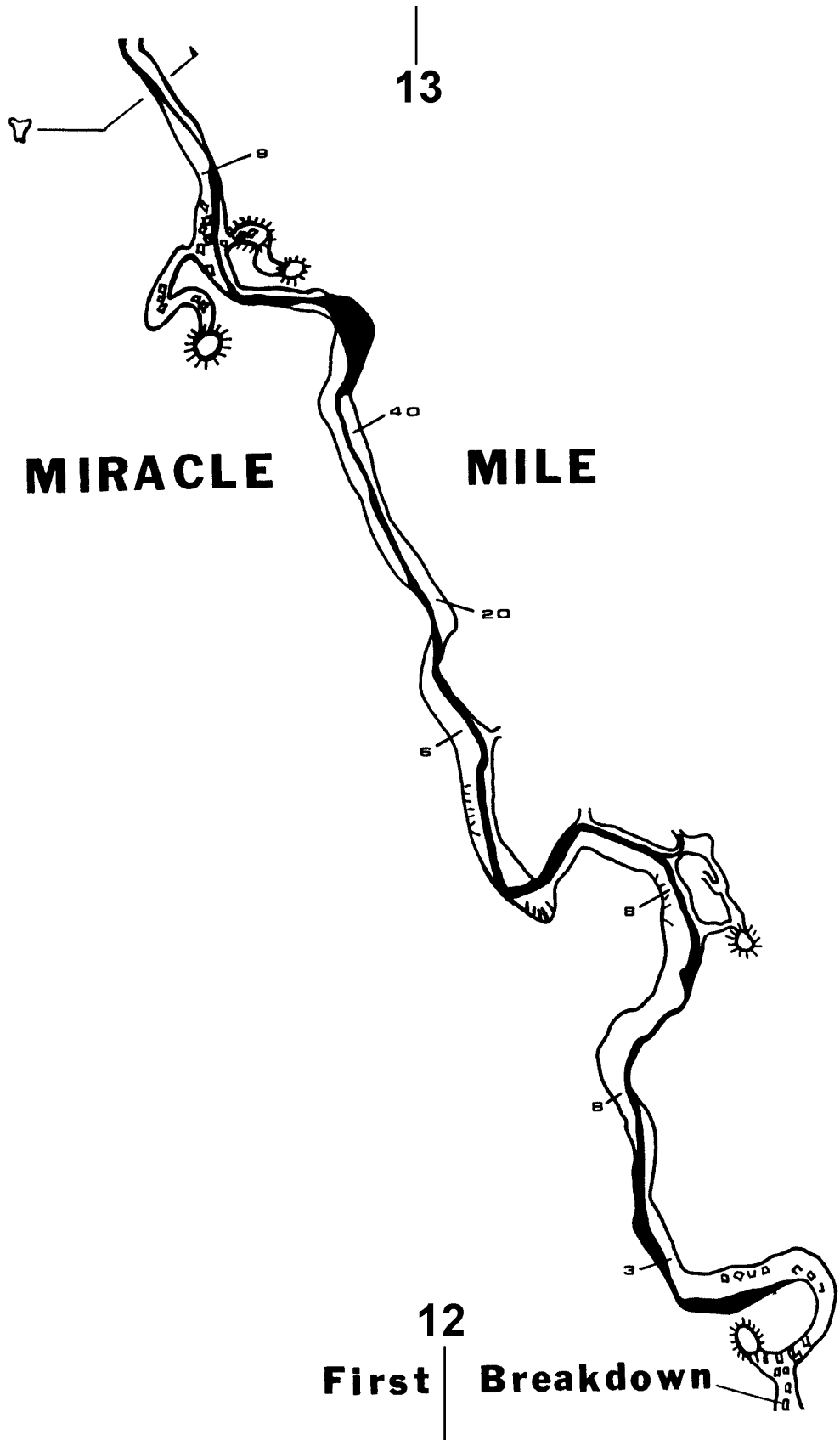
**Goochland - Poplar Cave Complex
Rockcastle County, Kentucky, USA**

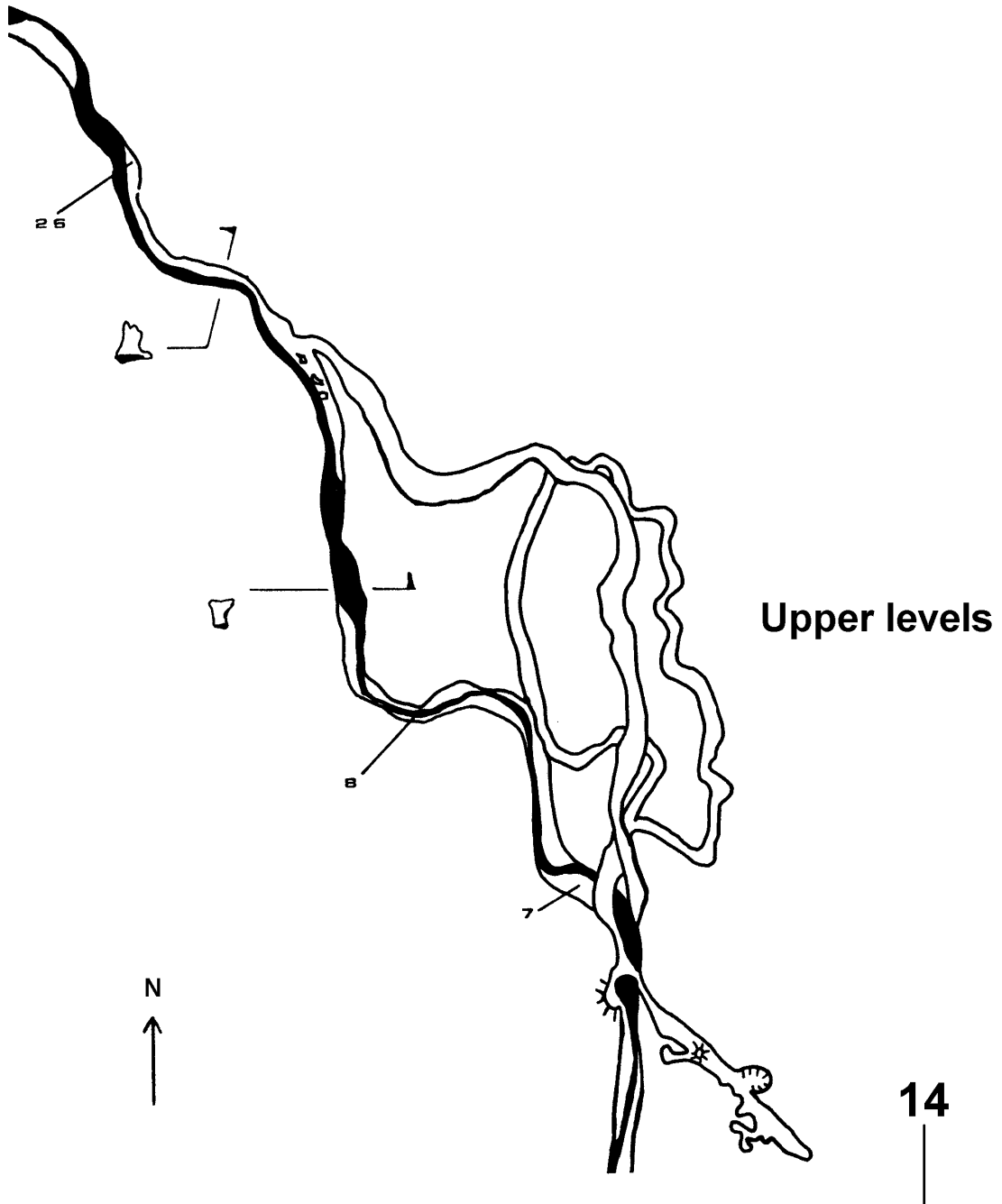
Map as of March, 1977	
CAVE	LENGTH in feet
Goochland Right	29,218.10
Goochland Left	17,139.90
Penitentiary Hole	1,782.80
Kitchen Sink	982.70
Barn Sink	580.40

10 _____

Connect the numbers to assemble map.

**TAKE NOTHING BUT PICTURES
LEAVE NOTHING BUT FOOTPRINTS**

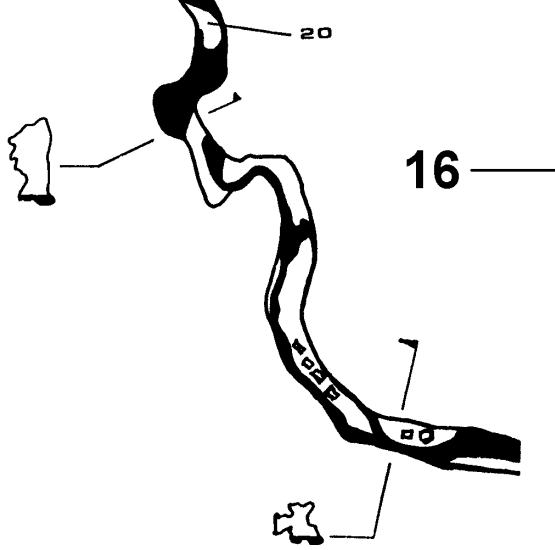


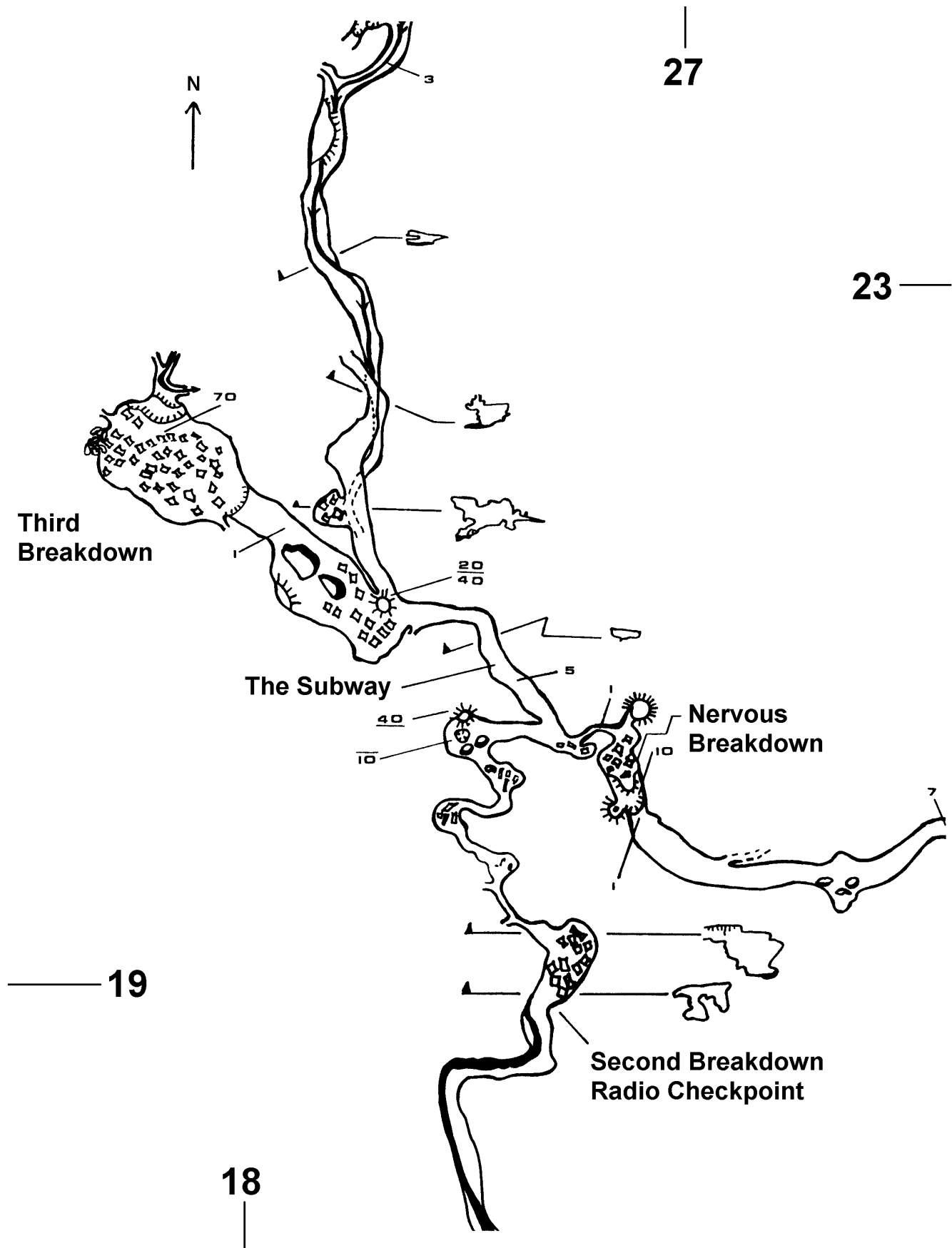


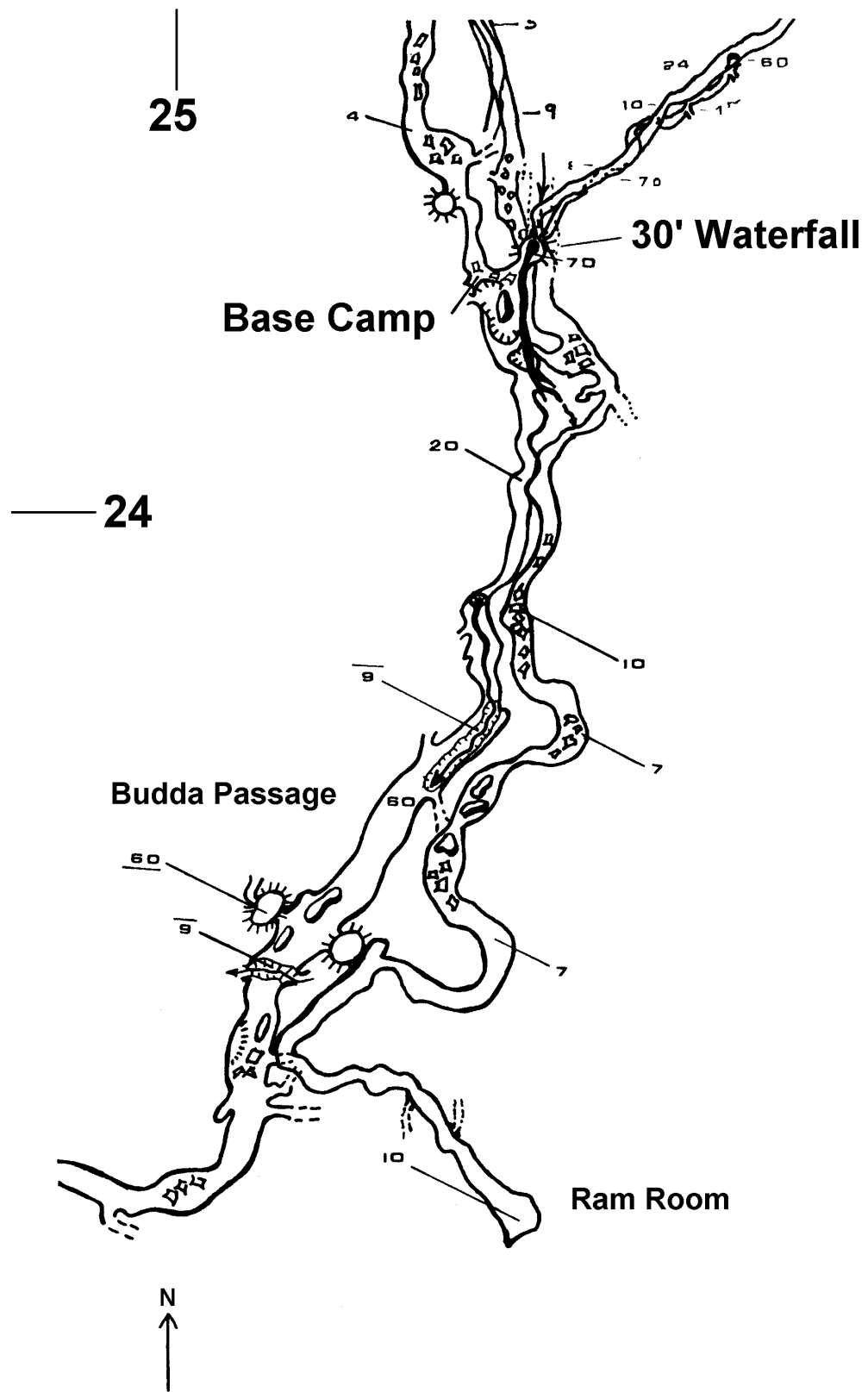
17



MIRACLE MILE



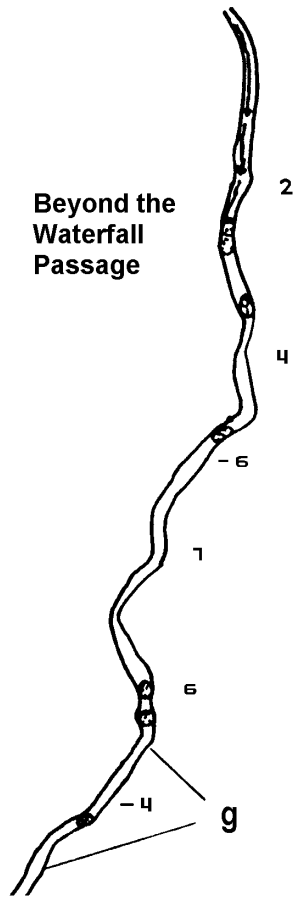
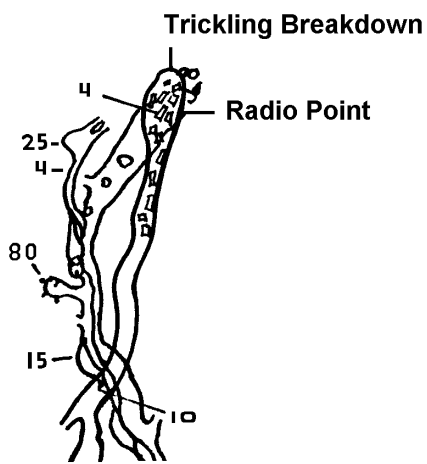


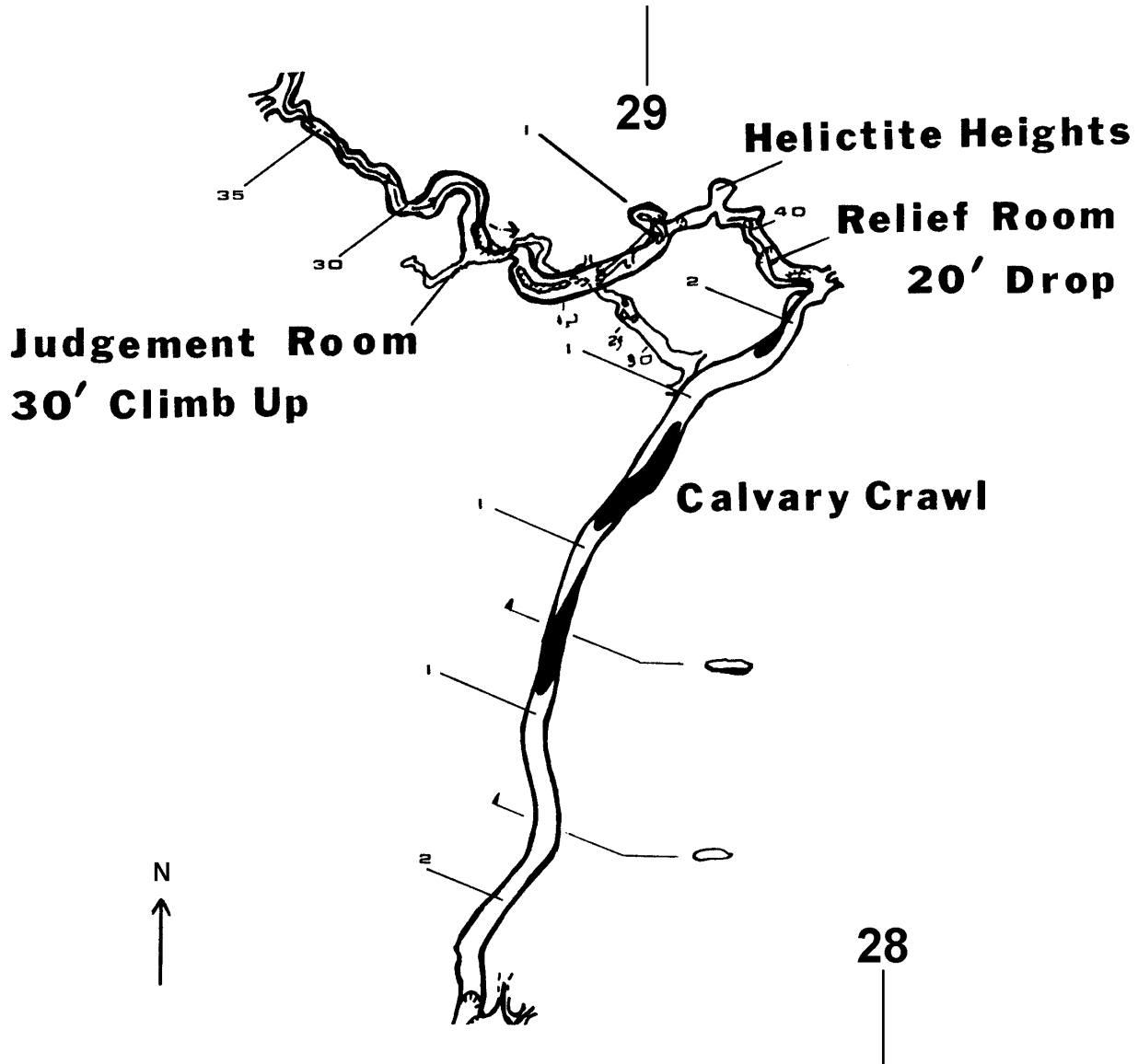




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Pipe
Organ Pit

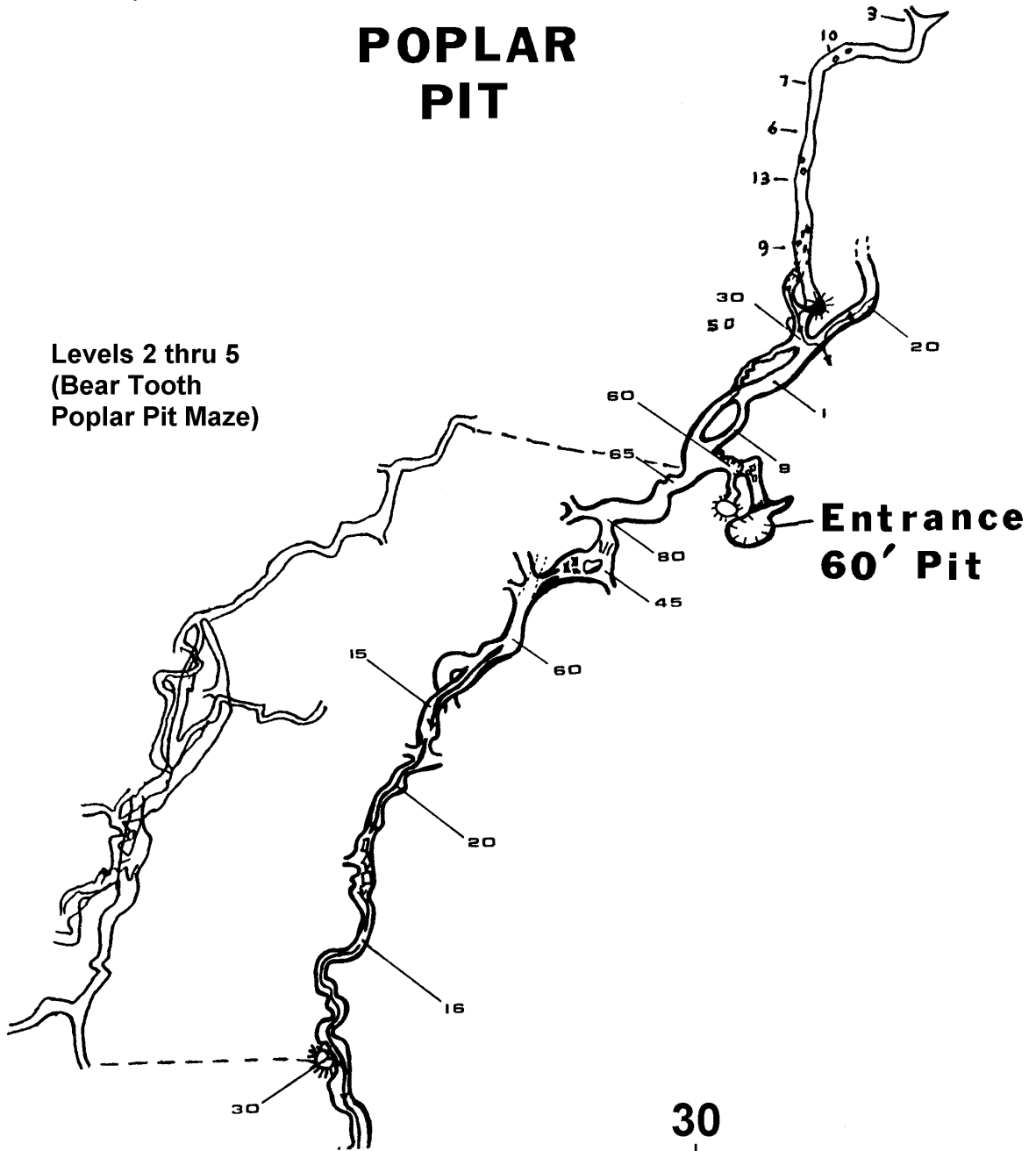






POPLAR PIT

Levels 2 thru 5
(Bear Tooth
Poplar Pit Maze)



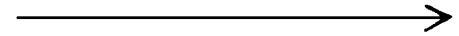
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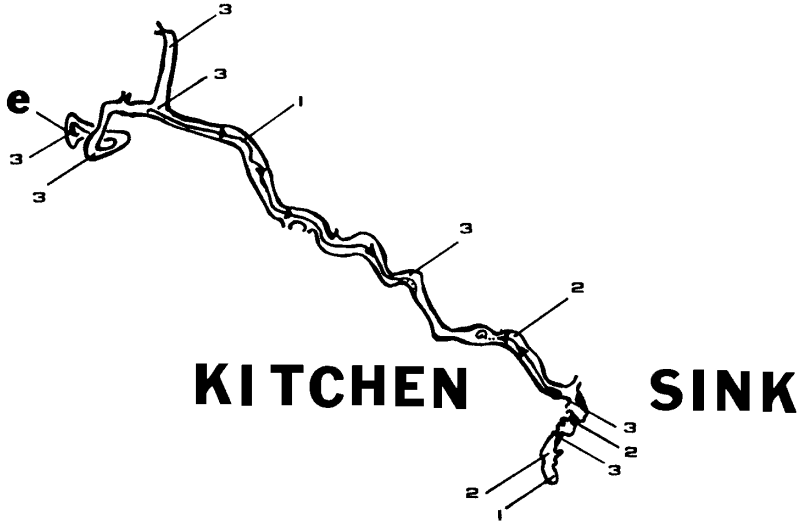
Fourth Breakdown



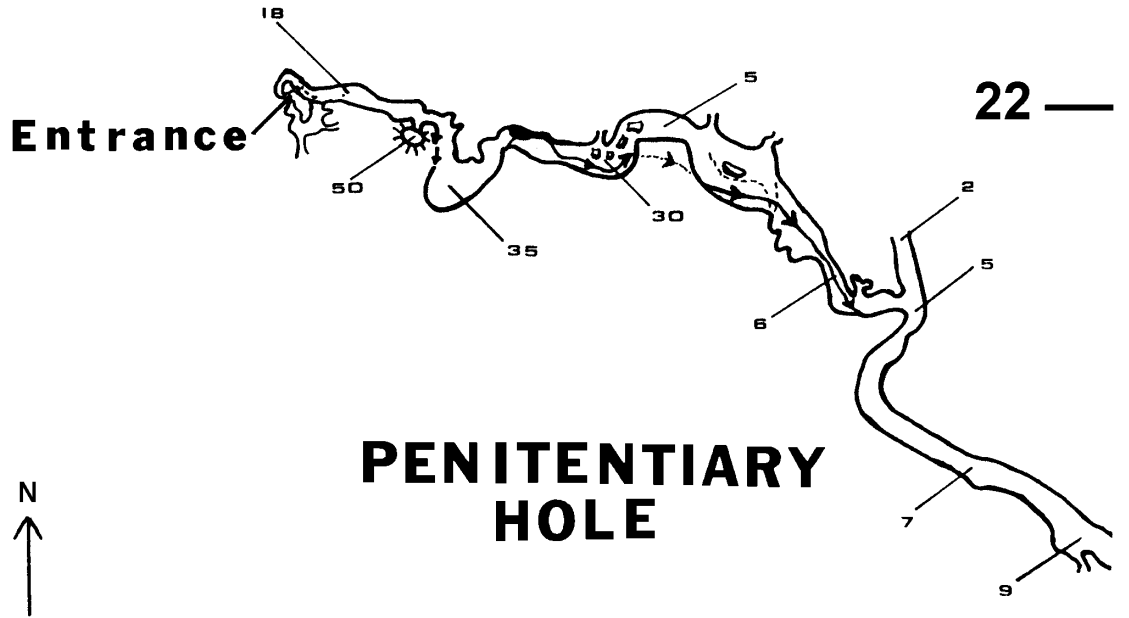
Third Breakdown



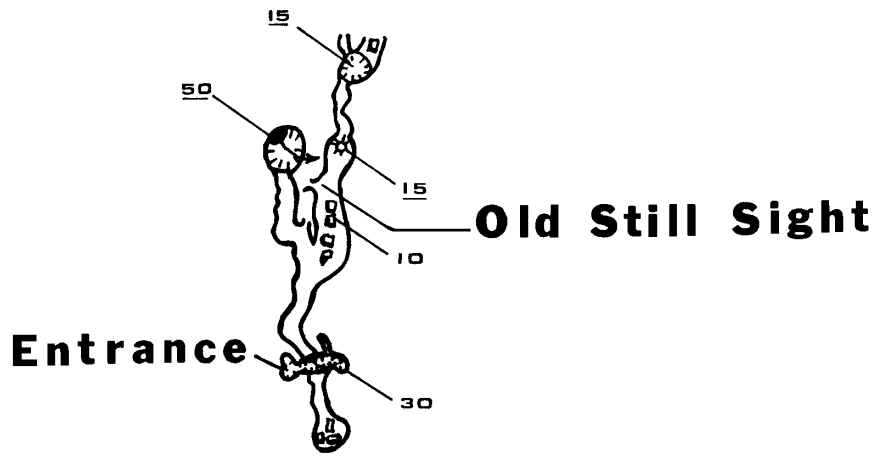
Entrance



Entrance



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BARN SINK

