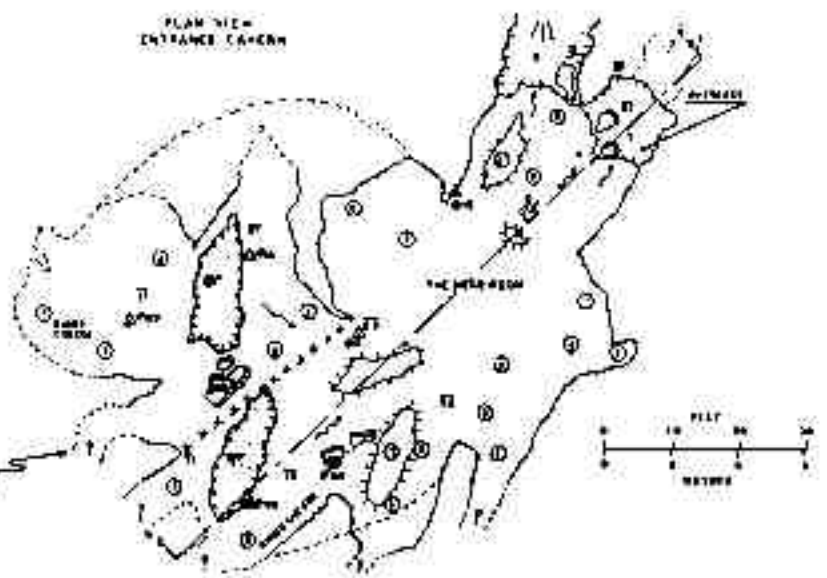
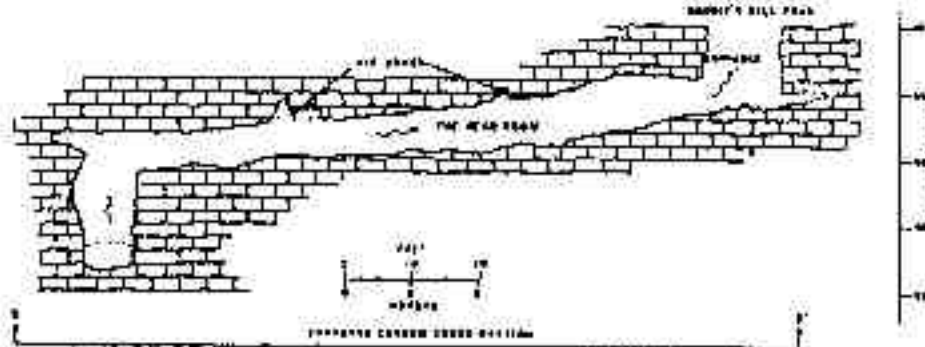


**NOTES:**

1. SURVEYED FROM DECEMBER 1934 TO SEPTEMBER 1937 SURVEY CONTINUED.
2. ALL PASSAGES UNDERFAIR IN HARDENED LIMESTONE.
3. USUALLY DRY AT LOW TIDE, REPORTED TO DRY BY ST. JOE'S HIGH WATER OR TO RICHIE'S FLOW UNDER CERTAIN CONDITIONS.
4. WATER DEPTH VARIES WITH WATER LEVEL IN POND VISIBILITY USUALLY 100 FEET PLUS, ROUNDED TO ZERO BY SILT IN SOME LOCATIONS SILT ON FLOORS AND WALLS THROUGHOUT CAVE.
5. BOTH SIDE BY SIDE ENTRANCES, BOTH SILTY WEST (LEFT) ENTRANCE REFERRED.
6. PERMANENT SURVEY STATION MARKERS (ALL) INSTALLED FOR REFERENCE AND CONTINUING SURVEY.
7. PERMANENT HYDROGRAPHIC STAGE TANK AIR GAGE INSTALLED ON WALL NEAR STATION IN EAST WALL, LEFT SIDE (HEADEND).
8. THE HEAD ROOM SURVEYED BY CIRCUMLINE WITH MULTIPLE RADIALS, GAVE PASSAGES SURVEYED BY TRIANGULAR LINE, TOOLS USED: LEVELLED COMPASS, DEPTH GAUGE, FISHING TAP, AND PORTABLE LINE. SELECTED CROSS SECTIONS PHOTOGRAPHICALLY VERIFIED.
9. ALL ANGLES CLOSED BY TRANGULATION TO GRADE BY CLASSIC TRIANGLE.
10. STATION TO STATION DISTANCES MEASURED WITH KNIGHT'S LINE AND TRANGULATION BY TAP, BEYOND 5' TAP TO ALL DISTANCES MEASURED BY ADJUSTED LINE.
11. WATERFALL REMAINS UNDISCOVERED AT MOUNTAIN ROOM - SEE UNDERFAIR SCIENTIFIC INVESTIGATION, DO NOT DISTURB.
12. TWO SCALES USED IN MAPPING BASE SCALE FOR CAVE TUNNEL, SAME CHANGES SCALE FOR CROSS SECTIONS AND ENTRANCE LARGE DRAWINGS.



**TWIN CAVE  
JACKSON COUNTY, FLORIDA**

SURVEY BY NATIONAL SPELEOLOGICAL SOCIETY -  
CAVE DIVING SECTION  
JOHN BUNDE, HIR SHAPIRO & FRANK HOWARD, HIR STANT  
SURVEY LEADERS: 1934-1937  
1938-1939  
1940-1941  
1942-1943  
1944-1945  
1946-1947  
1948-1949  
1950-1951  
1952-1953  
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2012-2013  
2014-2015  
2016-2017  
2018-2019  
2020-2021  
2022-2023  
2024-2025

- LEGEND:**
- ① POINT OF SURVEY
  - ② POINT OF SURVEY AT FLOOR
  - ③ POINT OF SURVEY AT WALL
  - ④ POINT OF SURVEY AT CEILING
  - ⑤ POINT OF SURVEY AT CORNER
  - ⑥ POINT OF SURVEY AT ENTRANCE
  - ⑦ POINT OF SURVEY AT EXIT
  - ⑧ POINT OF SURVEY AT JUNCTION
  - ⑨ POINT OF SURVEY AT CHANGING POINT
  - ⑩ POINT OF SURVEY AT OBSTRUCTION
  - ⑪ POINT OF SURVEY AT RESTRICTION
  - ⑫ POINT OF SURVEY AT HAZARD
  - ⑬ POINT OF SURVEY AT DANGER
  - ⑭ POINT OF SURVEY AT DEATH
  - ⑮ POINT OF SURVEY AT DISASTER
  - ⑯ POINT OF SURVEY AT DESTRUCTION
  - ⑰ POINT OF SURVEY AT DESTRUCTION
  - ⑱ POINT OF SURVEY AT DESTRUCTION
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