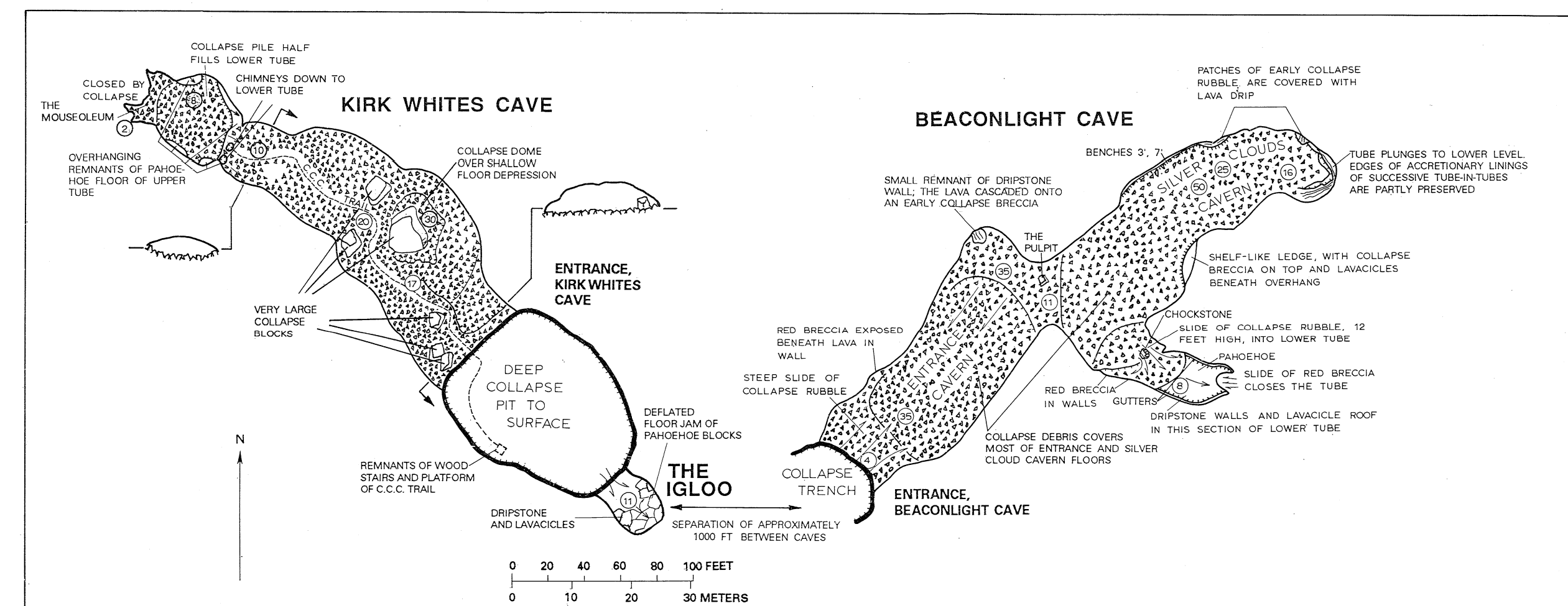


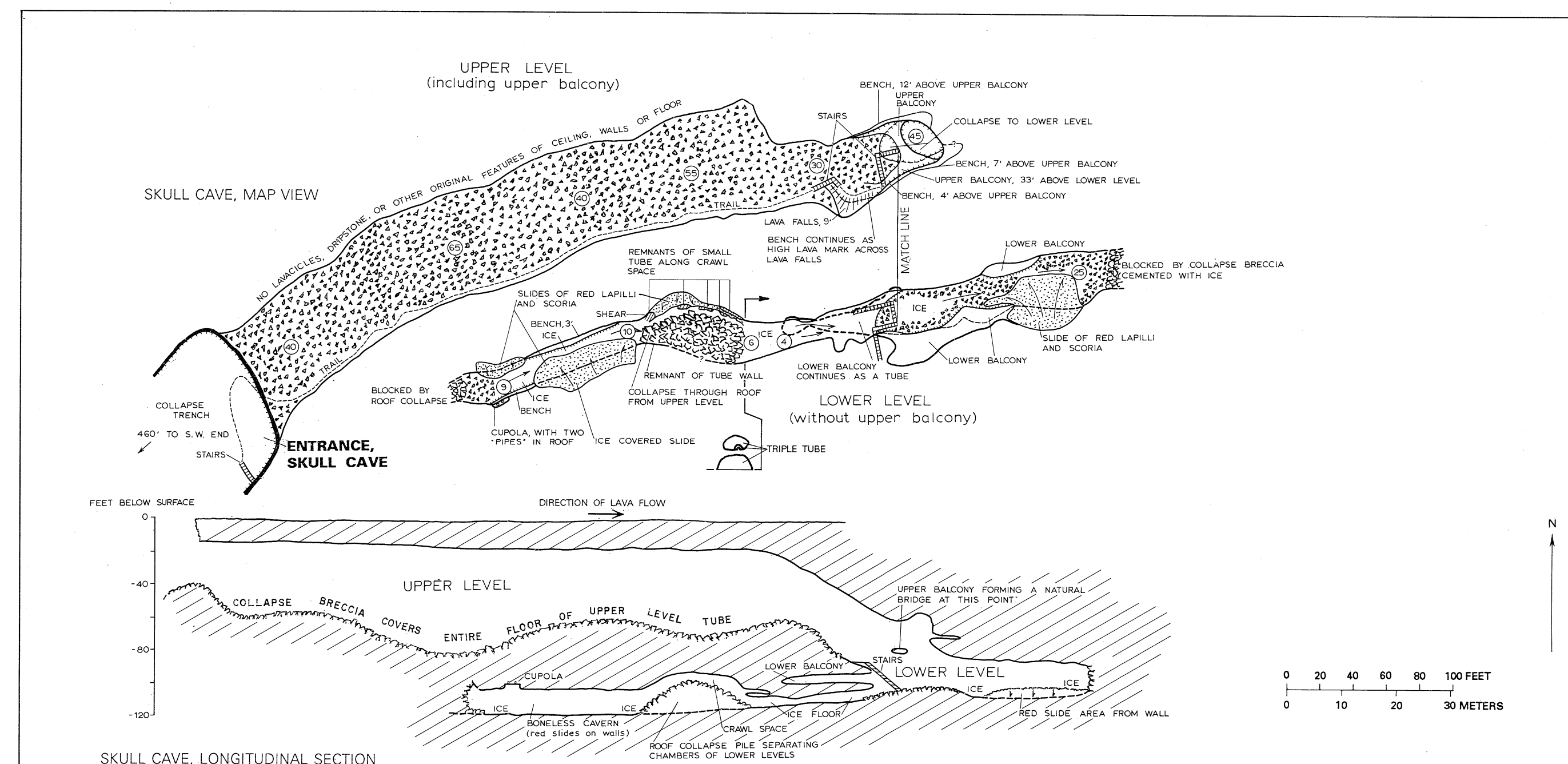
MAP 10 — MERRILL ICE CAVE, MERRILL NATURAL BRIDGE, AND BEARPAW CAVE

Mapped by A.C. Waters, J.N. Gardner,  
D.L. Kimbrough, W. Ruddiman, III, 1975



MAP 11 — KIRK WHITES, BEACONLIGHT, AND THE IGLOO CAVES

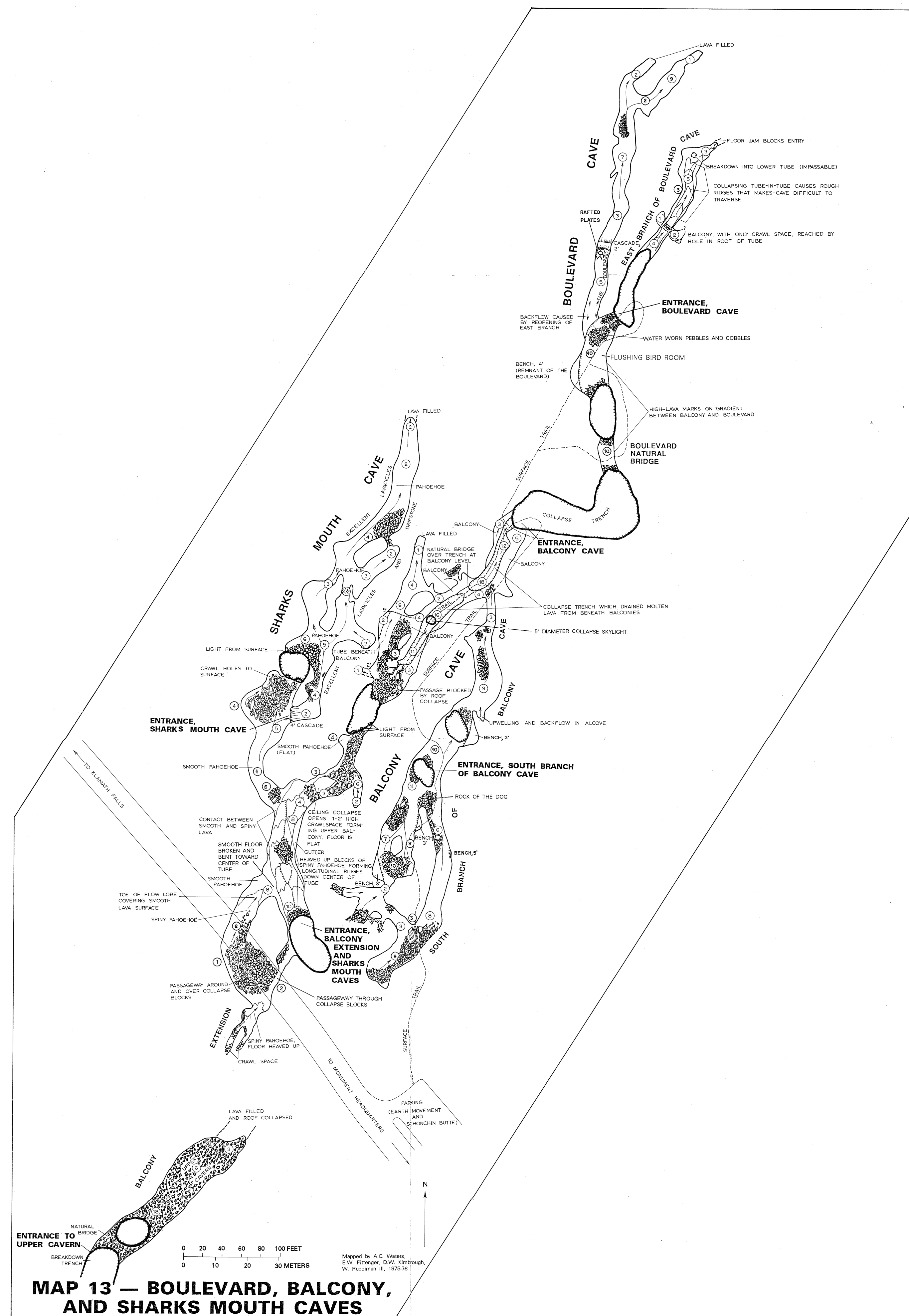
Mapped by A.C. Waters, J.N. Gardner,  
D.L. Kimbrough, W. Ruddiman, III, 1975;  
B.W. Rogers, 1968



MAP 12 — SKULL CAVE

Mapped by A.C. Waters, J.N. Gardner,  
D.L. Kimbrough, W. Ruddiman, III, 1975

- EXPLANATION**  
[Not all symbols appear on all maps]
- ENTRANCE OR COLLAPSE TRENCH TO SURFACE—Floor covered with breakdown
  - UPPER AND LOWER PASSAGES—Lower passage shown by dashed or dotted lines
  - PAHOEHOE FLOOR—Arrow shows direction of flow. Dashed arrows indicate backflow
  - DROP—Hachures point downslope
  - BREAKDOWN OR COLLAPSE RUBBLE—Half arrows point downslope; not shown everywhere it is present
  - BENCH OR BALCONY—Height above floor in feet
  - PASSAGE BLOCKED BY LAVA
  - PASSAGE BLOCKED BY BREAKDOWN
  - RAFTED BLOCK
  - LAVA CASCADE OR FALL—Height in feet; barbs point downslope
  - FLOOR JAM OF PLATES
  - CEILING HEIGHT IN FEET
  - FRONT OF FLOW LOBE
  - WASHED-IN SEDIMENT FLOOR
  - TRAIL—Short or long dash
  - STAIRS OR LADDER
  - PIT OR COLLAPSE TRENCH
  - DOME
  - CROSS SECTION OF PASSAGE—Arrow indicates direction of view



MAP 13 — BOULEVARD, BALCONY,  
AND SHARKS MOUTH CAVES

Mapped by A.C. Waters,  
E.W. Pfenberg, D.W. Kimbrough,  
W. Ruddiman, III, 1975-76