ANCIENT SHORELINES
OF
MACKINAC ISLAND, MICHIGAN

WITH ELEVATIONS
IN FEET ABOVE SEA LEVEL
BY
GEORGE M. STANLEY

LEGEND

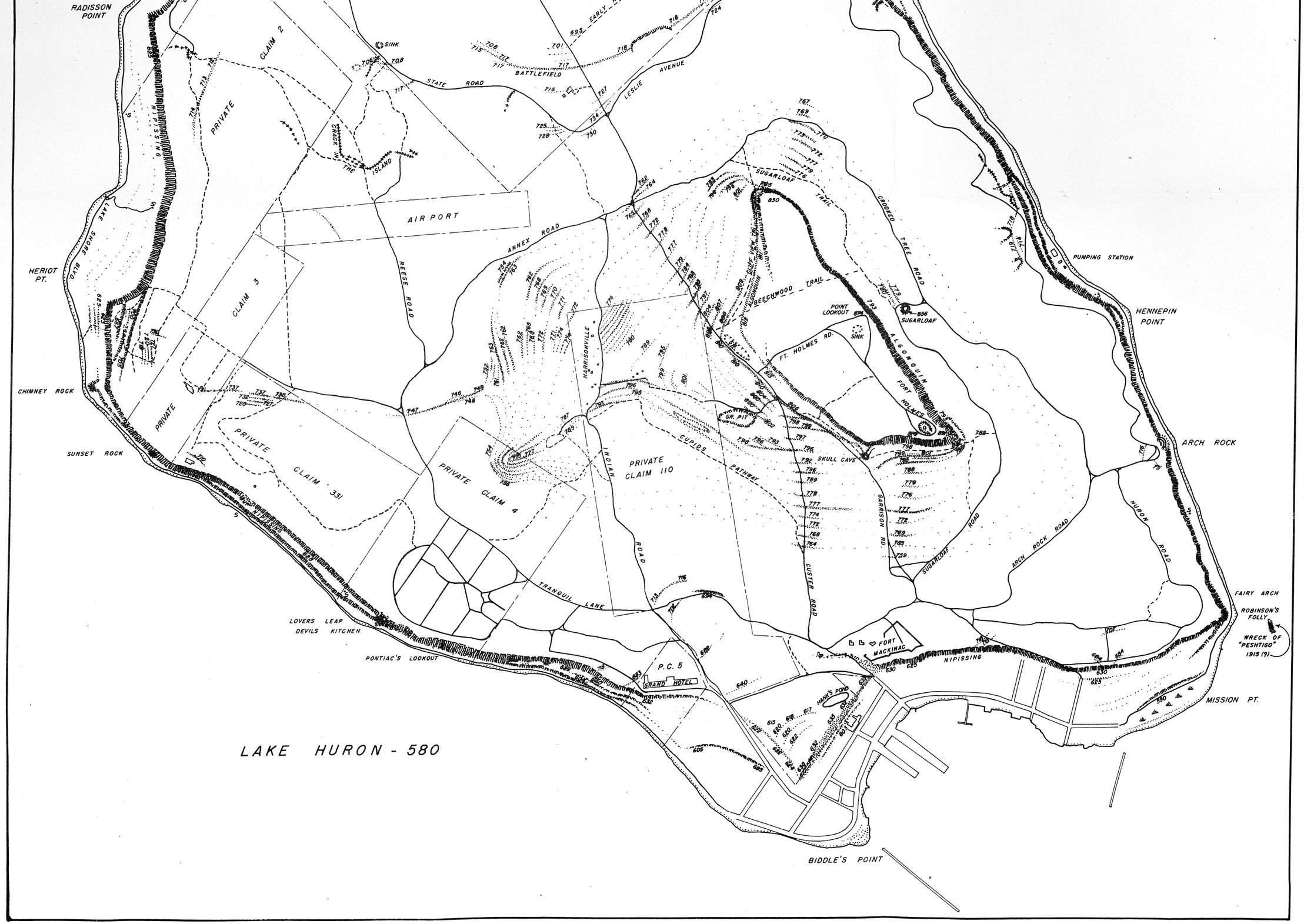
- SHORE CLIFF AND TERRACE
- GRAVEL SHORELINE RIDGE
- CREVICES IN LIMESTONE
- GOOD ROAD
- ROADWAY OR TRAIL
- SPRING

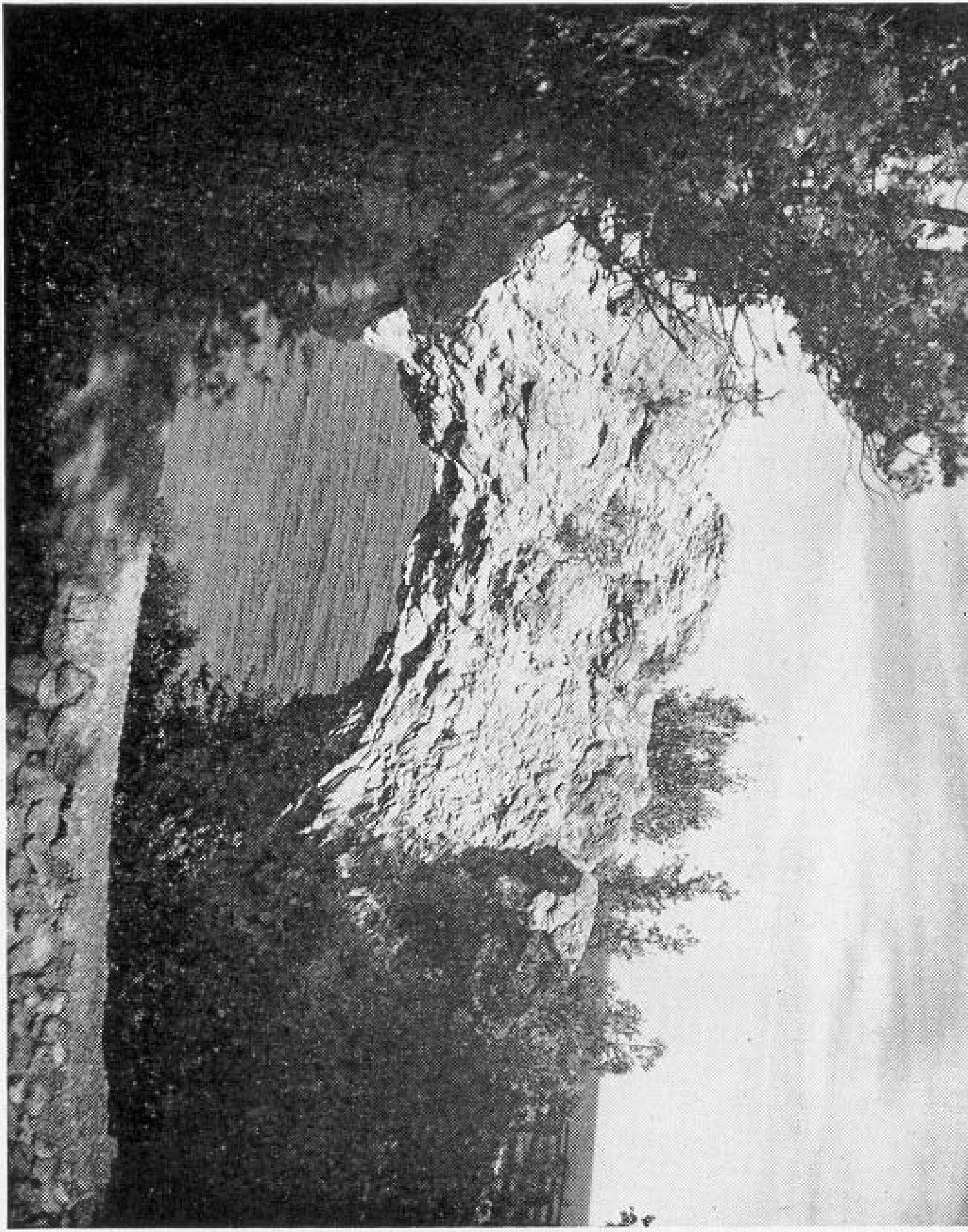
0 500 1000 FEET

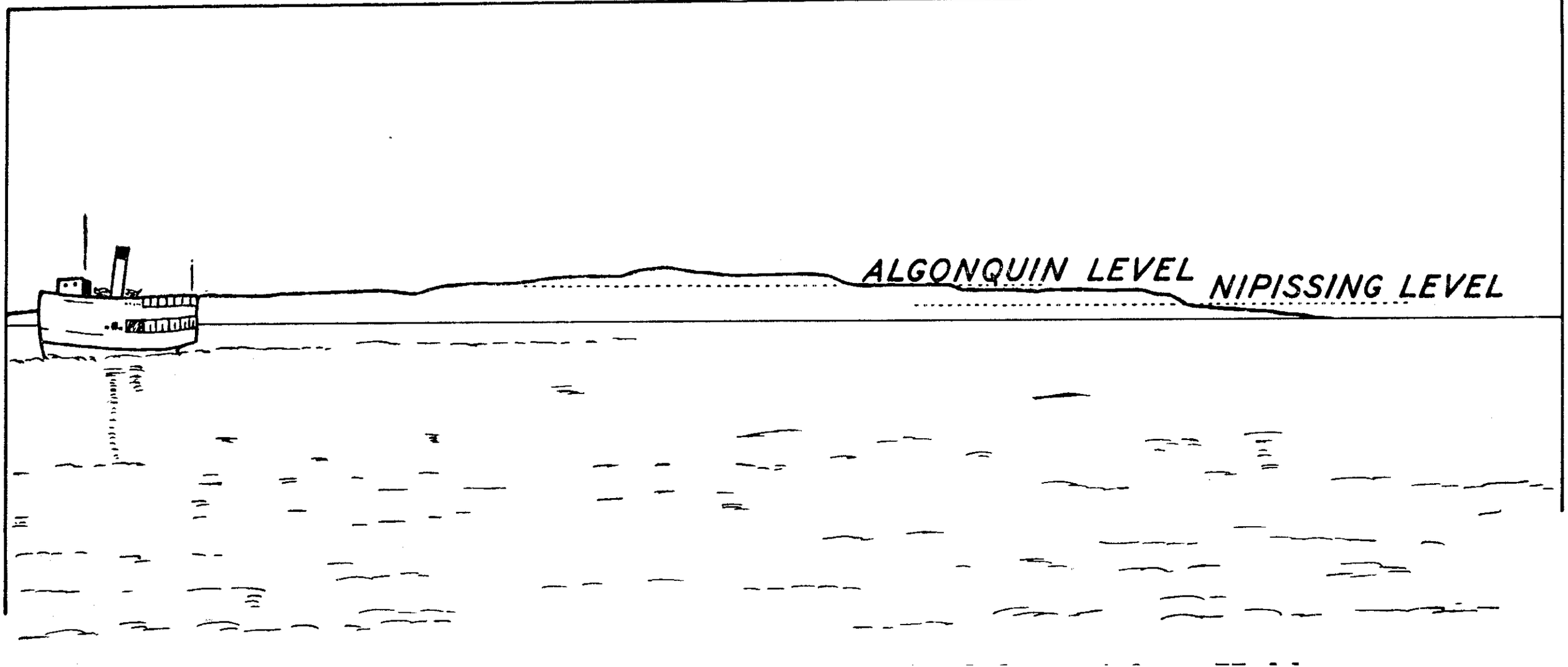
0 1/8 1/4 1/2 MILE

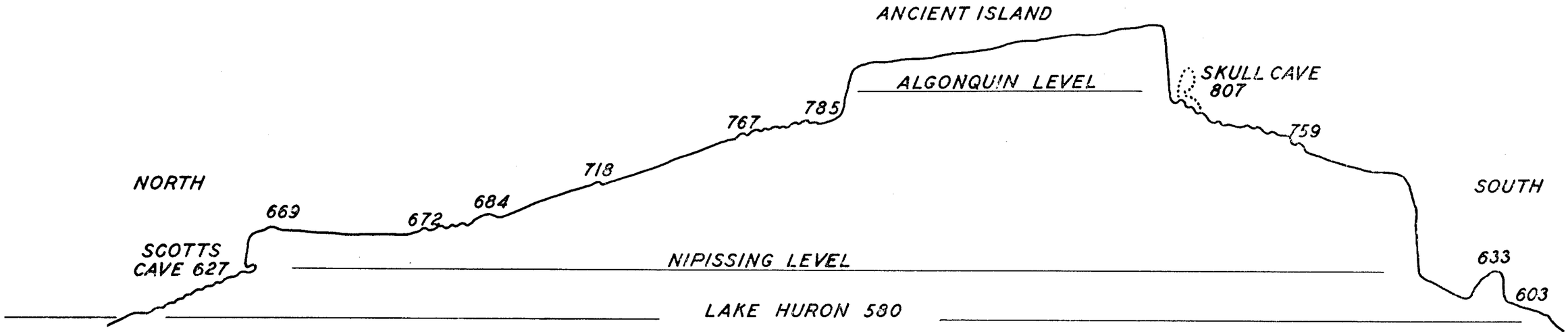
N

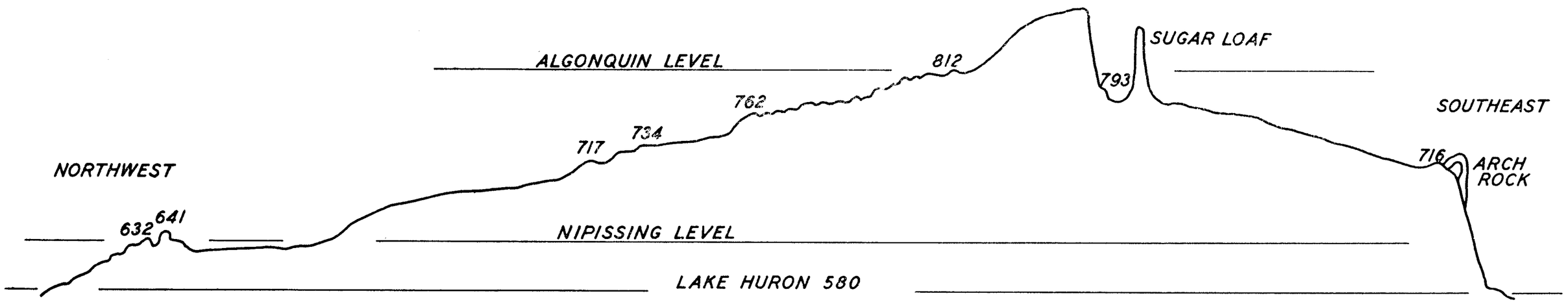
POINT AUX PINS
LAKE SHORE BLVD.
ST. CLAIR POINT
BLUFF VIEW TRAIL
SCOTT'S CAVE RD.
SCOTT'S CAVE
FR ALTAR
EAGLES CREST
BRITISH LANDING
PRIVATE
CLAIM #1
BRITISH LANDING ROAD
CARVER POND
MACKINAC STRAITS TRL.
BINDAW RD.
RADISSON POINT
CLAIM 2
SINK
EARLY ROAD
STATE ROAD
BATTLEFIELD
LESLIE AVENUE
NIPISSING
LAKE SHORE BLVD.
CRACK IN THE ISLAND
PRIVATE
AIR PORT
ANNEX ROAD
REESE ROAD
CLAIM 3
HERIOT PT.
SUGARLOAF
CROOKED TREE ROAD
TRAIL
PUMPING STATION
HENNEPIN POINT
BEECHWOOD TRAIL
POINT LOOKOUT
856 SUGARLOAF
FT. HOLMES RD.
SINK
ALGONQUIN
HARRISONVILLE

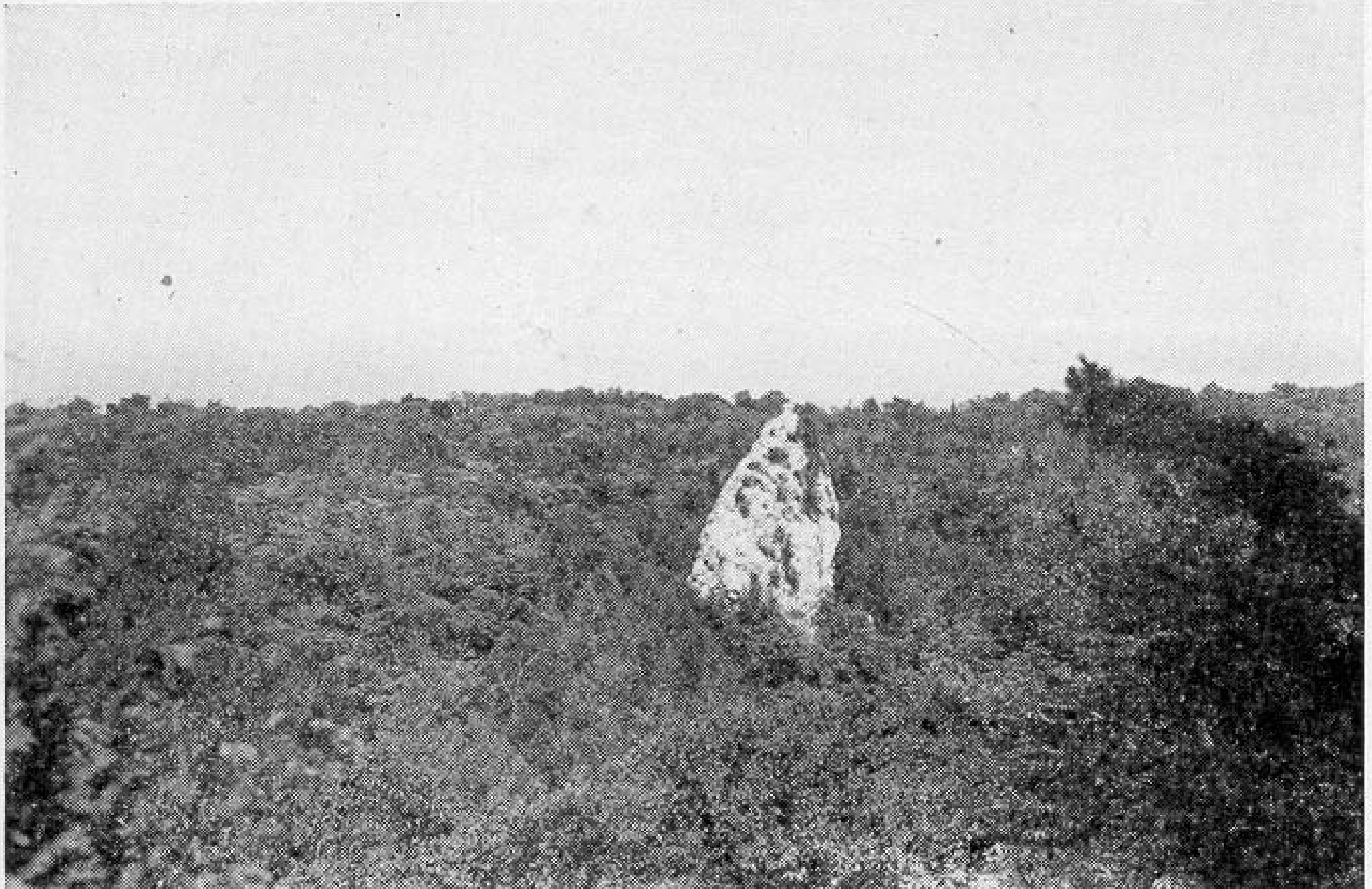

RADISSON POINT
HERIOT PT.
CHIMNEY ROCK
SUNSET ROCK
LOVERS LEAP
DEVILS KITCHEN
PONTIAC'S LOOKOUT
LAKE HURON - 580
BIDDLE'S POINT
MISSION PT.
FAIRY ARCH
ROBINSON'S FOLLY
WRECK OF "PESHTIGO" 1915 (?)
ARCH ROCK
HENNEPIN POINT
PUMPING STATION
AIR PORT
PRIVATE CLAIM 2
PRIVATE CLAIM 3
PRIVATE CLAIM 4
PRIVATE CLAIM 331
PRIVATE CLAIM 110
BATTLEFIELD
STATE ROAD
LESLIE AVENUE
ANNEX ROAD
REESE ROAD
HARRISONVILLE
INDIAN ROAD
CUPIDS PATHWAY
CUSTER ROAD
GARRISON RD.
SUGARLOAF ROAD
ARCH ROCK ROAD
HURON ROAD
CROOKED TREE ROAD
SUGARLOAF TRAIL
BEECHWOOD TRAIL
ALGONQUIN
FT. HOLMES RD.
FORT HOLMES
POINT LOOKOUT
SUGARLOAF
SKULL CAVE
GR. PIT
FORT MACKINAC
NIPISSING
TRANQUIL LANE
P.C. 5
GRAND HOTEL
HANK'S POND
LAKE SHORE BLVD.
CRACK IN THE ISLAND
SINK

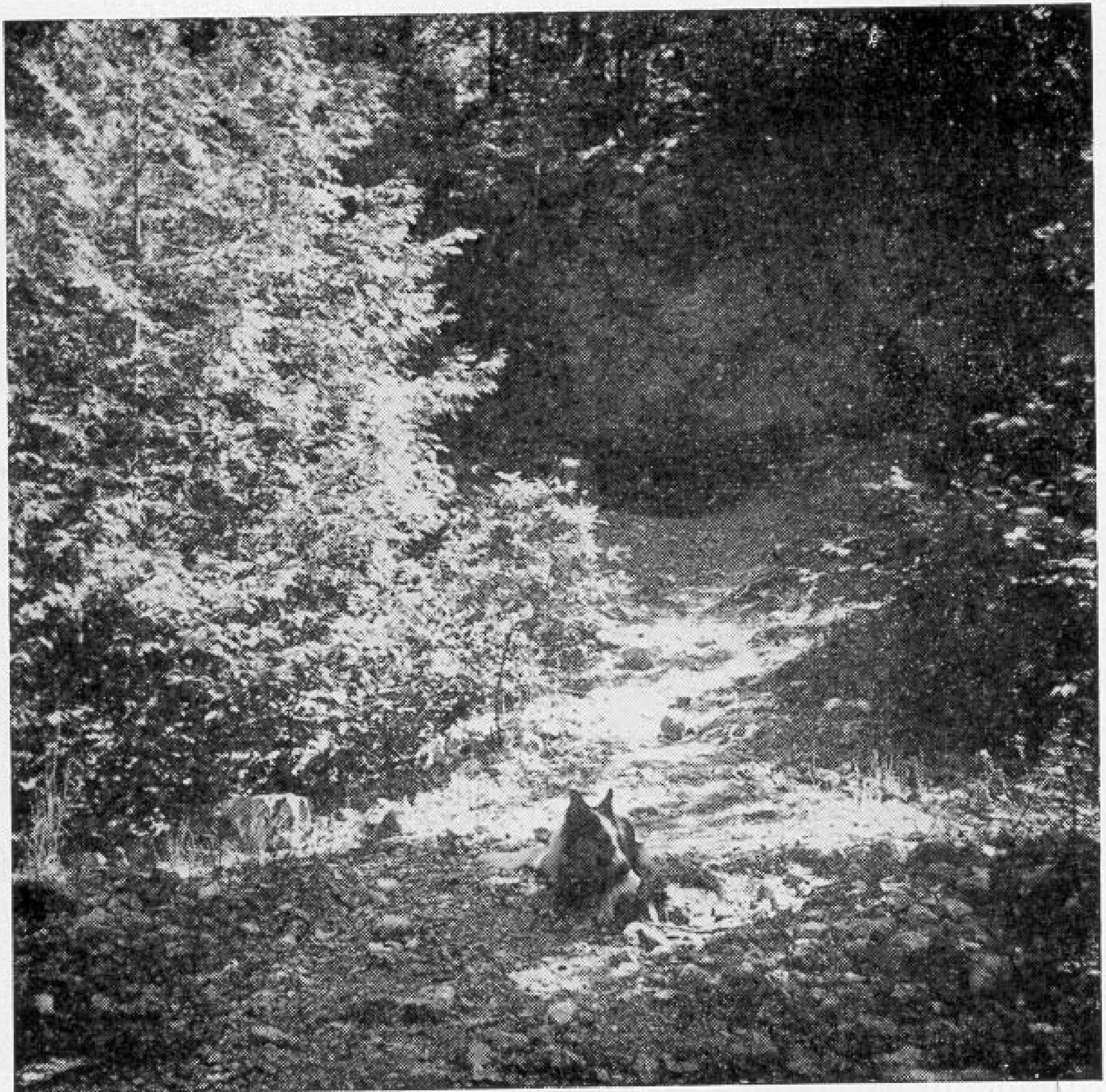


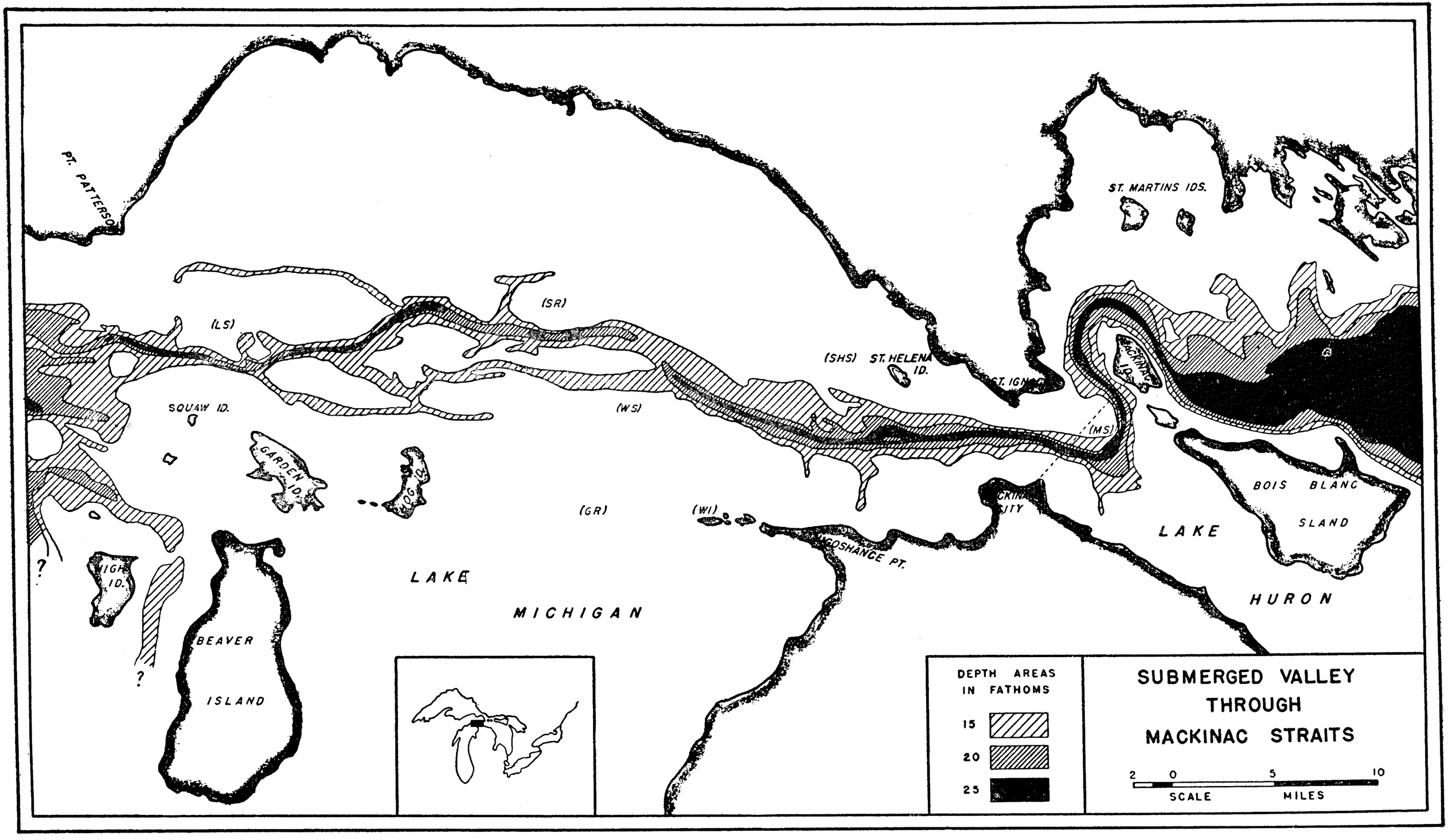

ALGONQUIN LEVEL
NIPISSING LEVEL


ANCIENT ISLAND
ALGONQUIN LEVEL
SKULL CAVE
807
785
767
759
718
NORTH
SOUTH
669
672
684
SCOTTS
CAVE 627
NIPISSING LEVEL
633
603
LAKE HURON 580

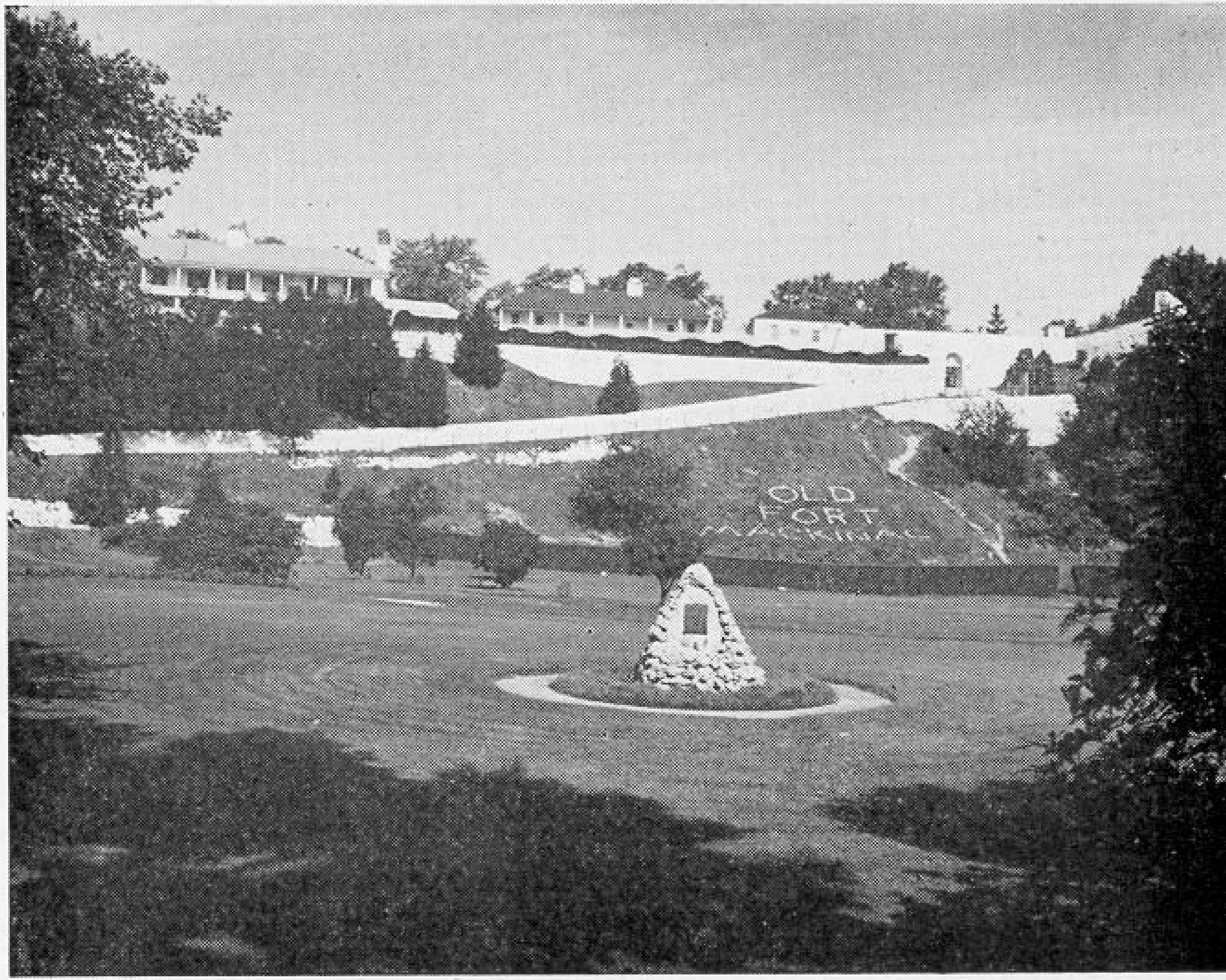

ALGONQUIN LEVEL
812
SUGAR LOAF
793
762
SOUTHEAST
734
717
716
ARCH
ROCK
NORTHWEST
641
632
NIPISSING LEVEL
LAKE HURON 580

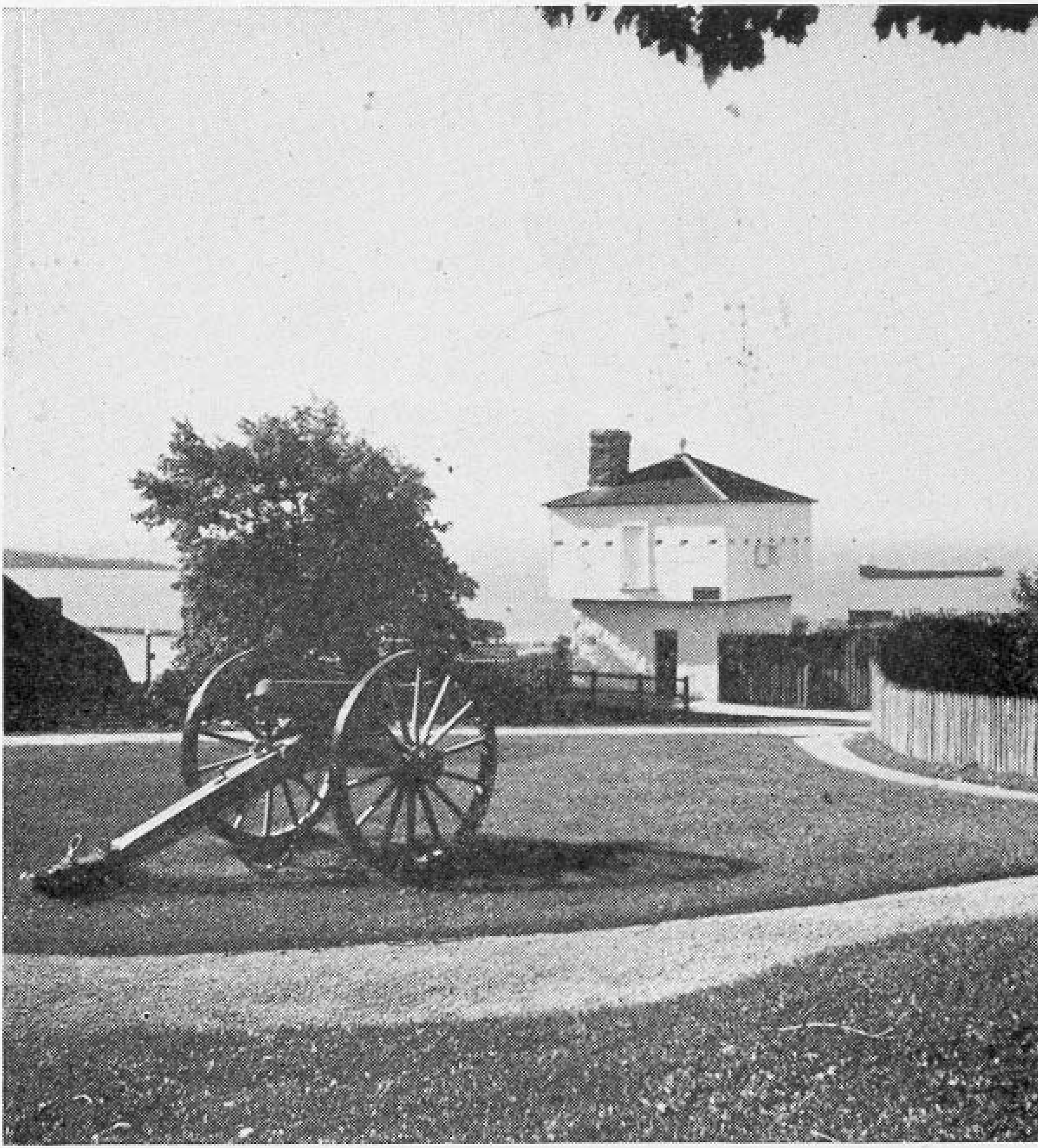


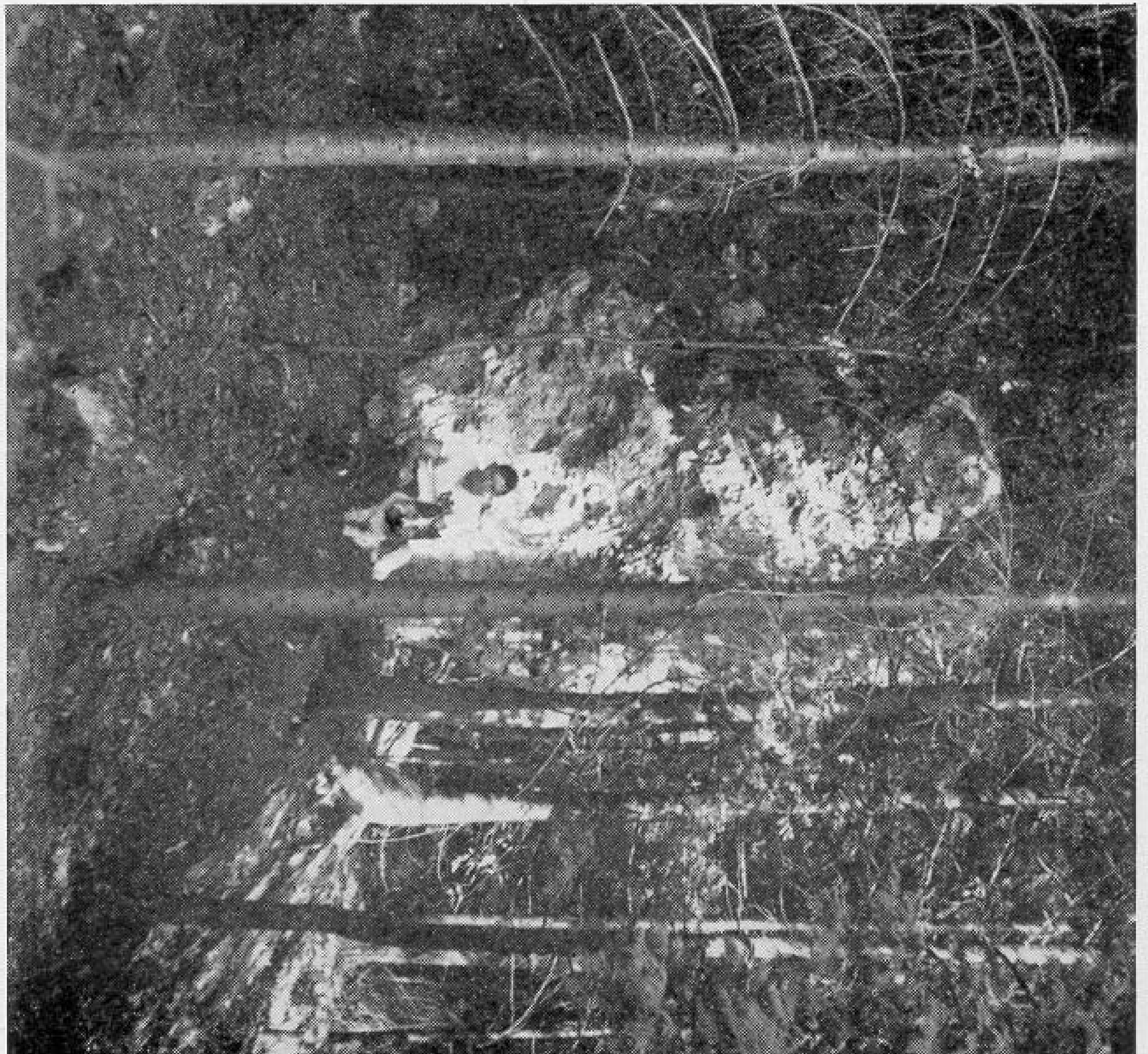


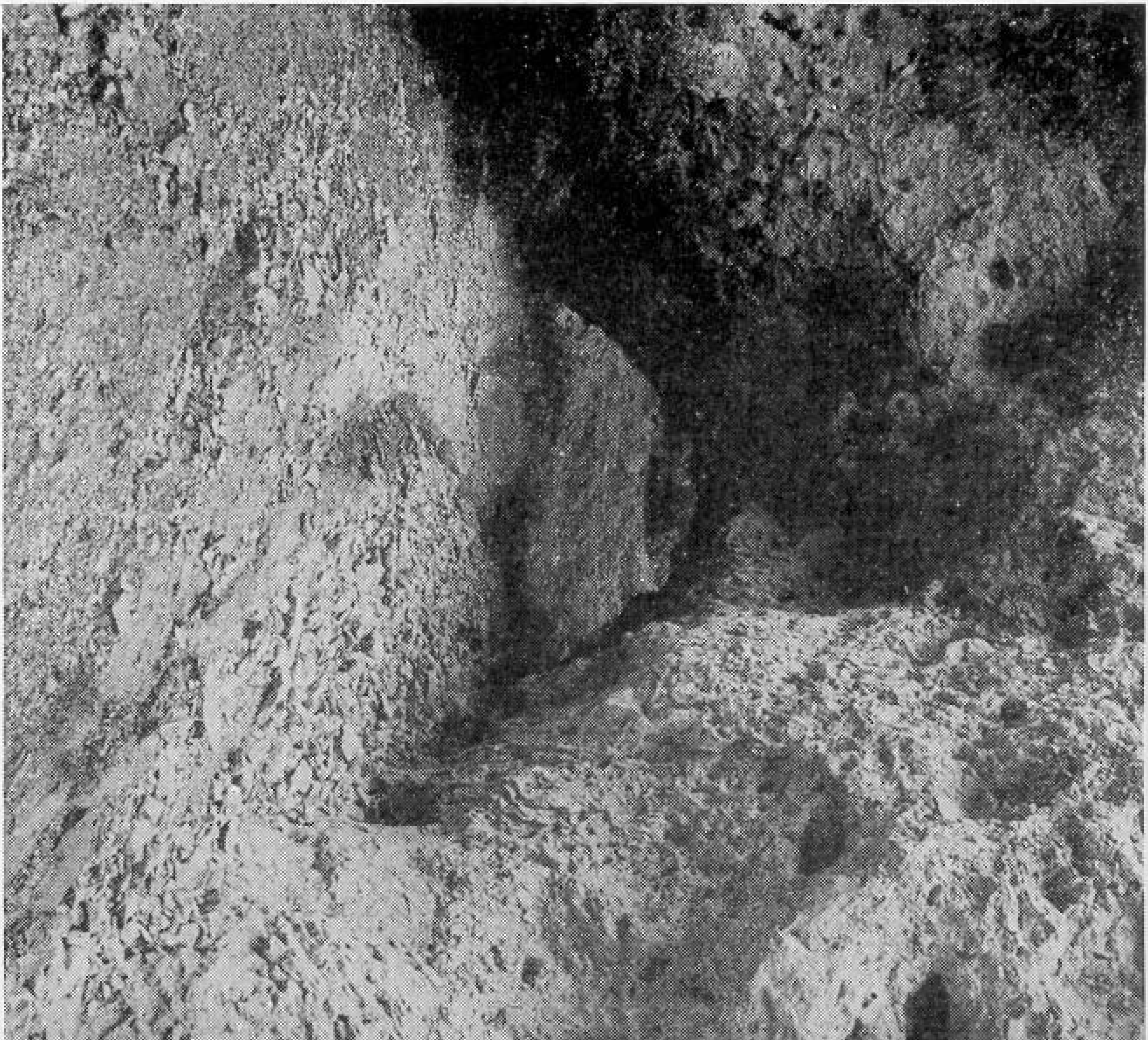


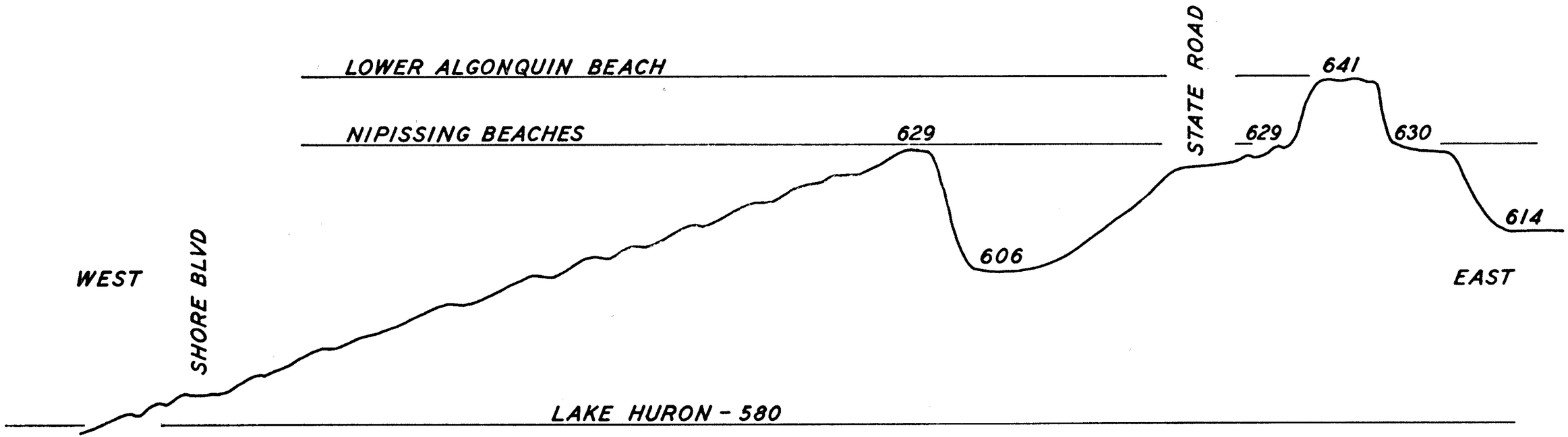
PT. PATTERSON
ST. MARTINS IDS.
(SR)
(LS)
(SHS)
ST. HELENA ID.
ST. IGNACE
MACKINAC ID.
SQUAW ID.
(WS)
(MS)
GARDEN ID.
HOG ID.
(GR)
(WI)
MACKINAC CITY
BOIS BLANC SLAND
LAKE HURON
LAKE MICHIGAN
HIGH ID.
BEAVER ISLAND
?
?
DEPTH AREAS IN FATHOMS
15
20
25
SUBMERGED VALLEY THROUGH MACKINAC STRAITS
2 0 5 10
SCALE MILES


OLD
FORT

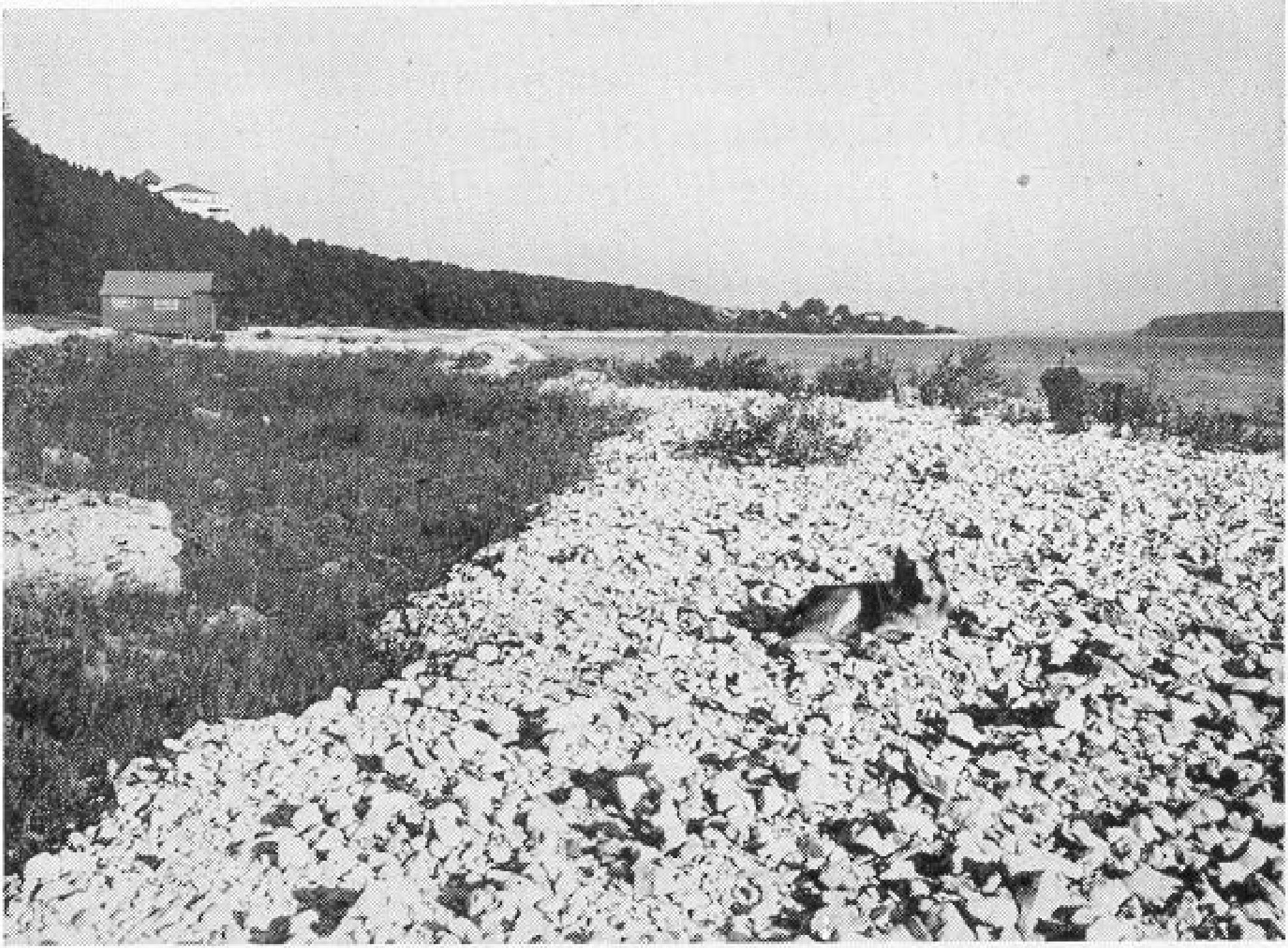


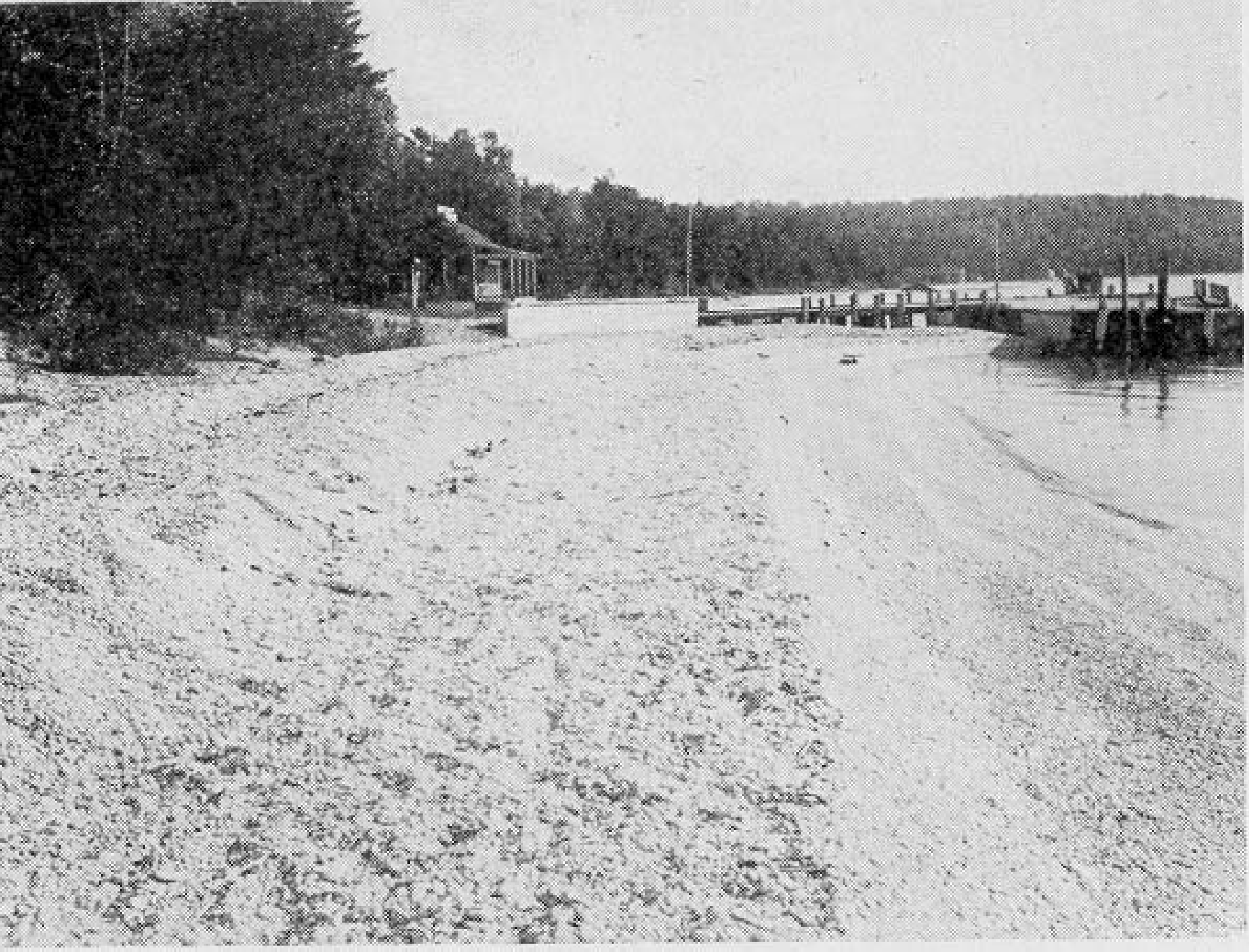


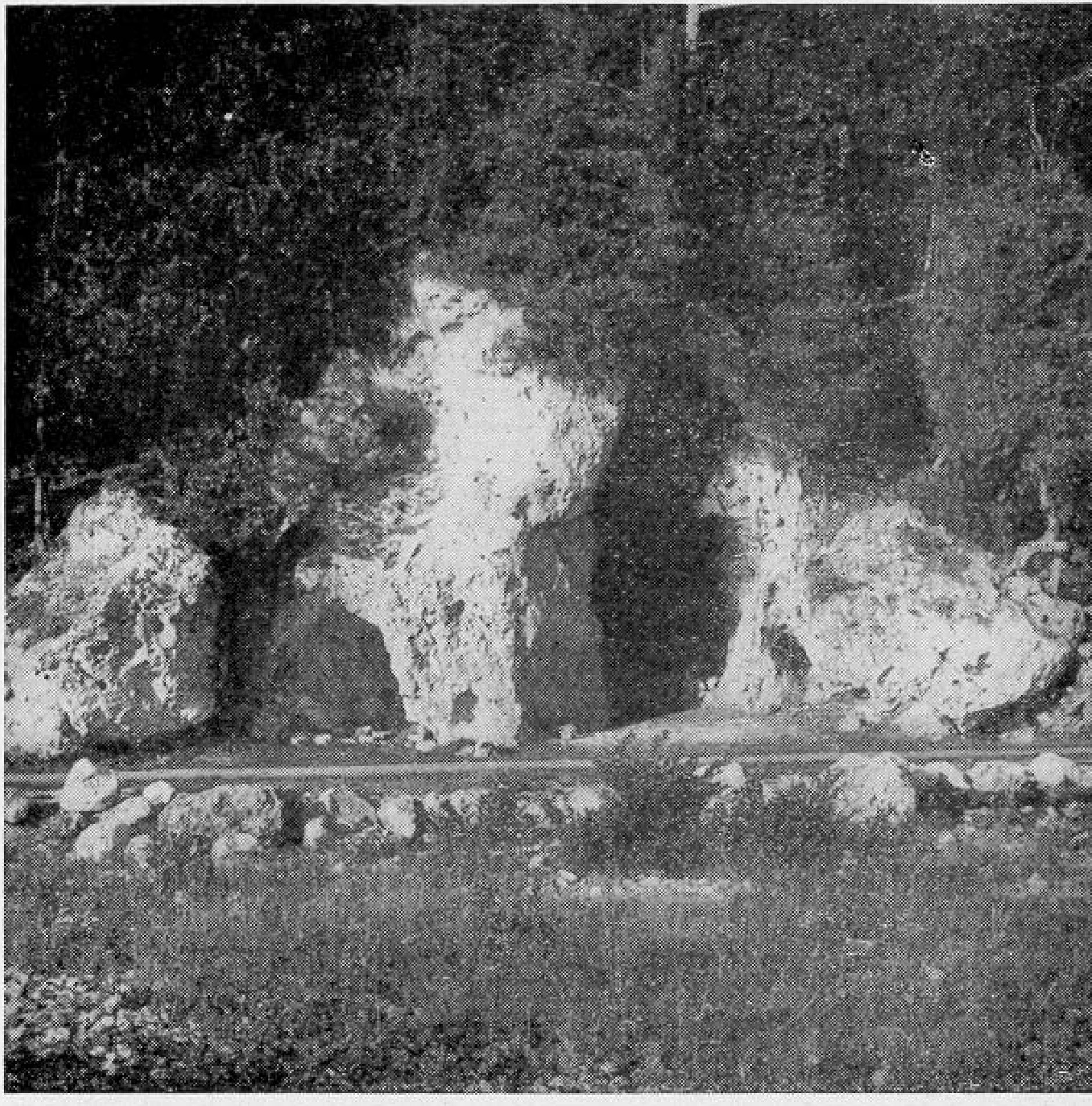


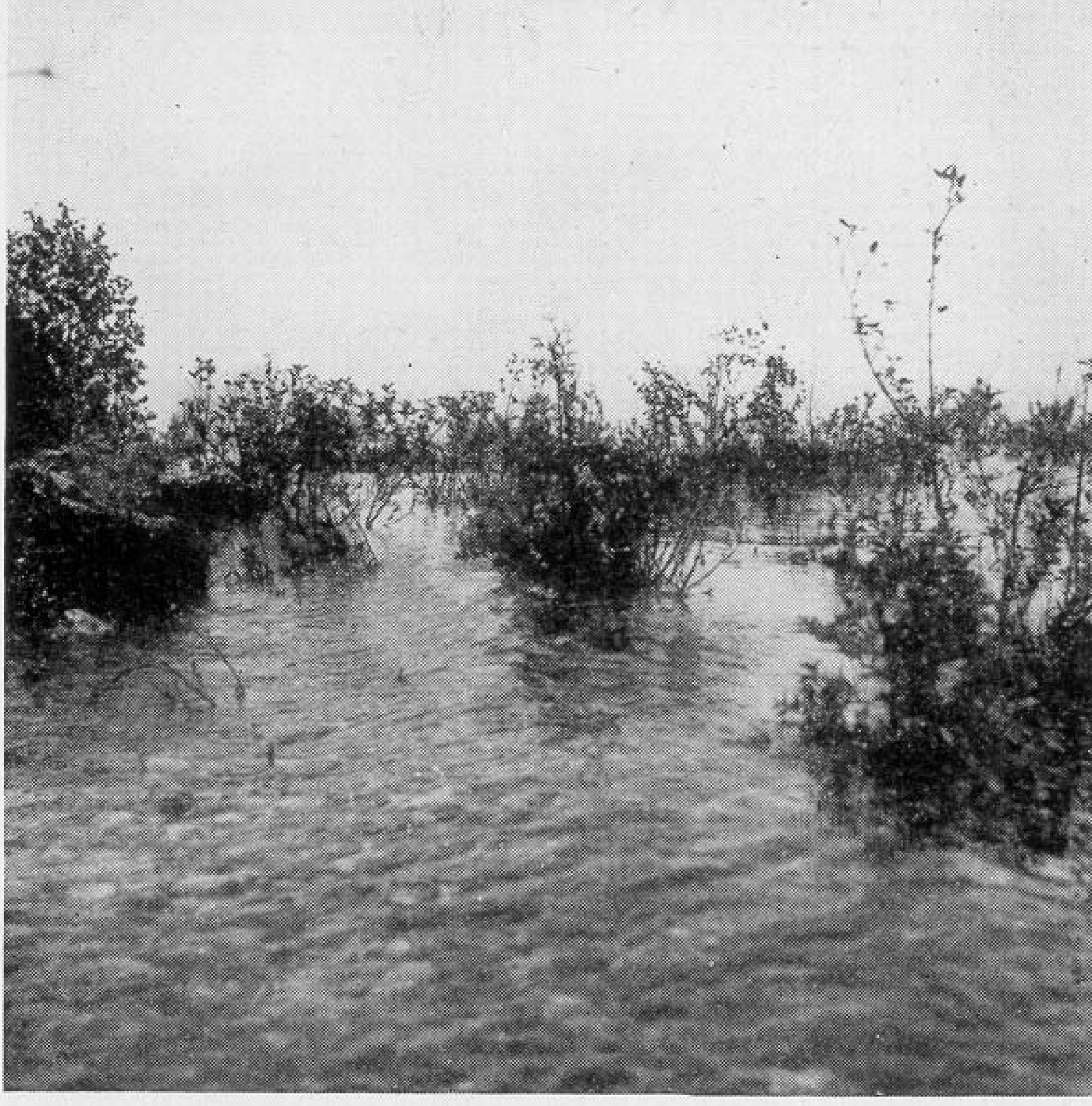


MACKINAC ISLAND - PROFILE UP WEST SHORE, SOUTH OF BRITISH LANDING









OUTLET: FENELON FALLS; PORT HURON & CHICAGO; TO OTTAWA; NORTH BAY; PORT HURON

BEACH: -DESTROYED-; ALGONQUIN; UPPER GROUP ALGONQUIN; LOWER ALGONQUIN; -SUBMERGED AND DESTROYED-; NIPISSING; POST-NIPISSING GROUP: ALGOMA; MODERN

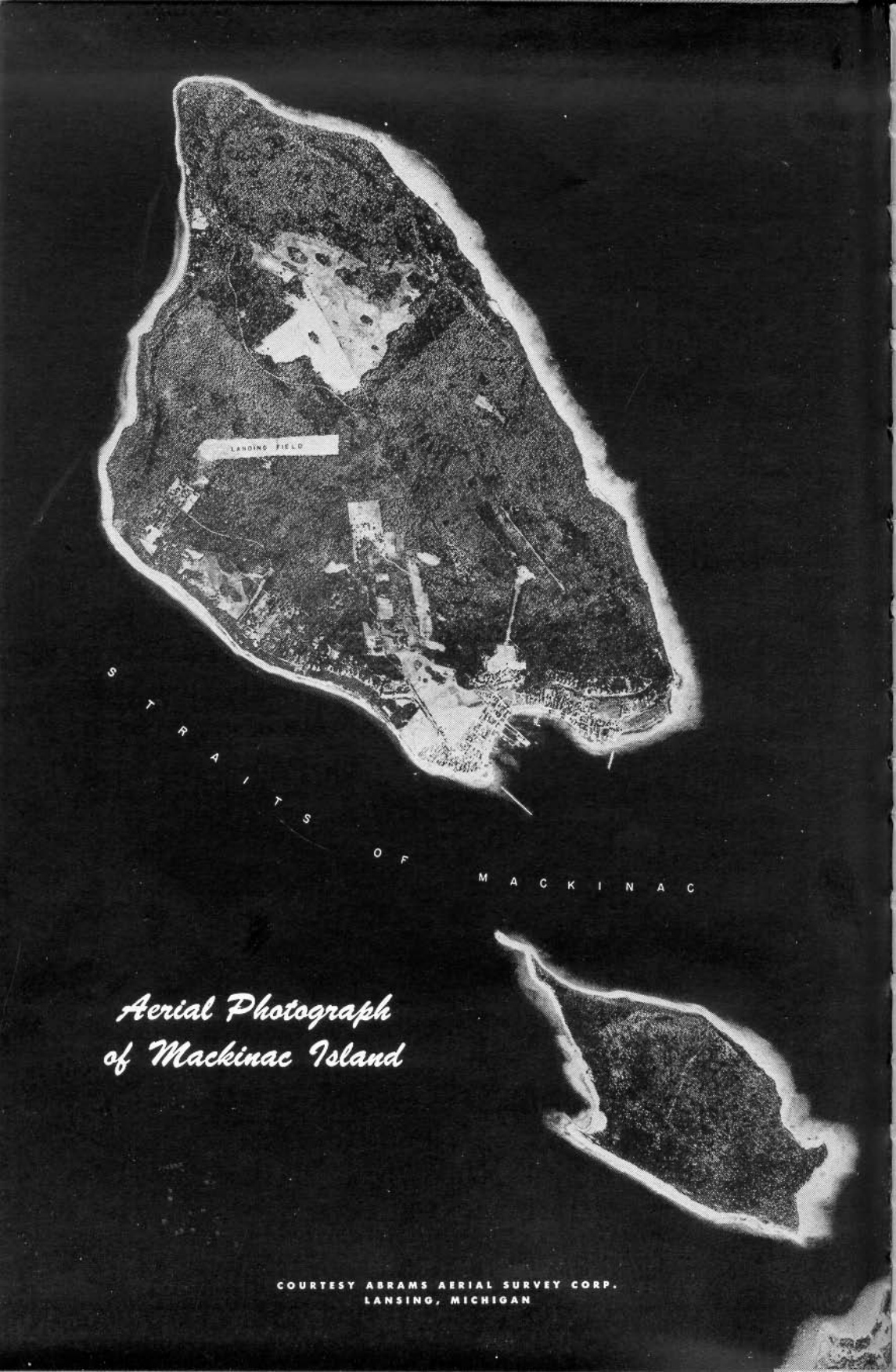
LAKE LEVEL RELATIVE TO MACKINAC ID.

800
750
700
650
600
LAKE HURON - 580
550
500
450
400
350

?

TIME

DATE: PERHAPS ABOUT 14,000 B.C.; ABOUT 2,000 B.C.; 1941 A.D.



Aerial Photograph of Mackinac Island

COURTESY ABRAMS AERIAL SURVEY CORP.
LANSING, MICHIGAN