NEW ZEALAND GEOLOGICAL SURVEY

SAVAI'I

GEOLOGICAL MAP NO. 1 N.Z.G.S. BULLETIN NO. 63

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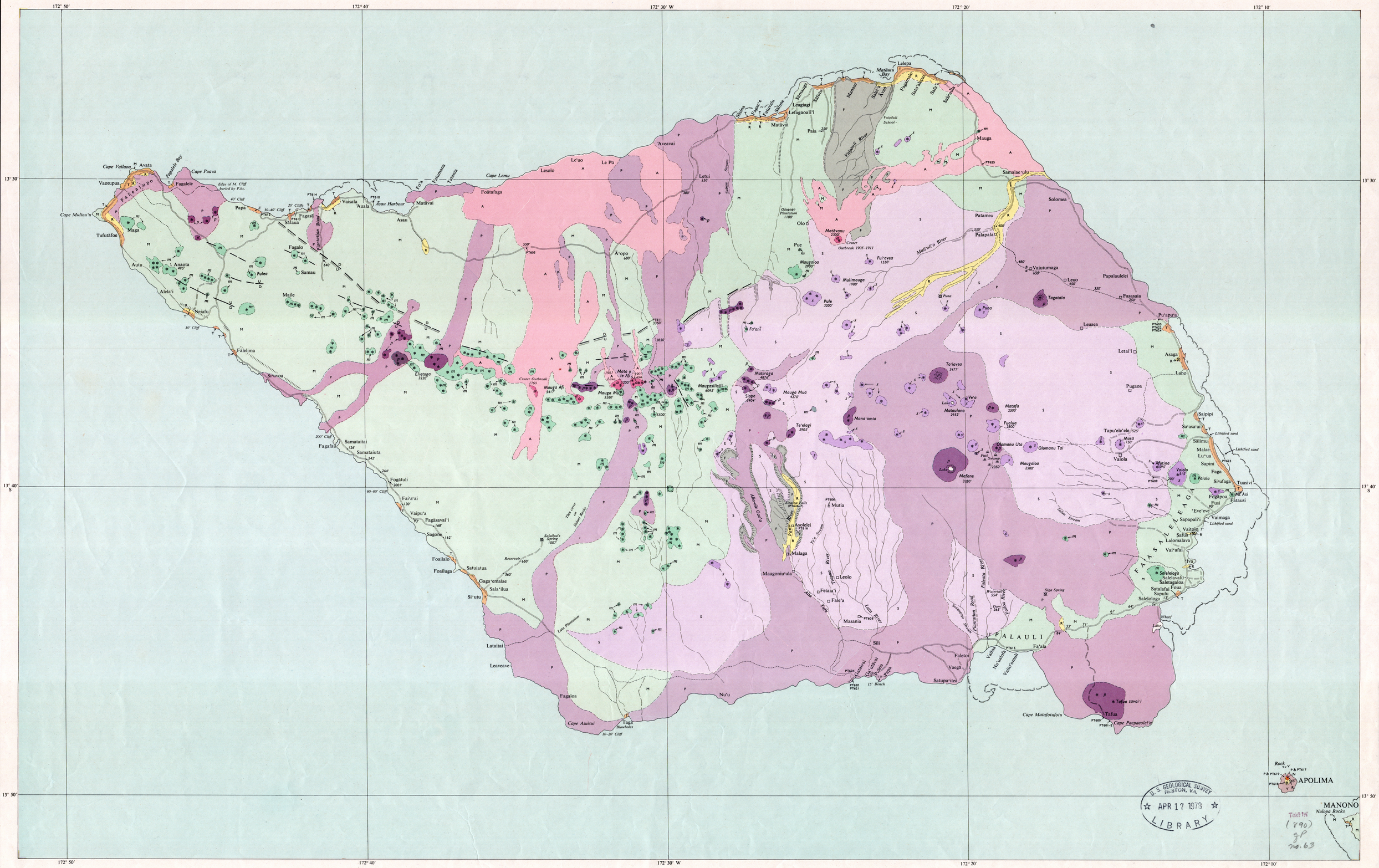


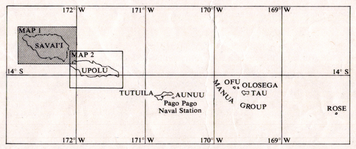
Drawn by V. J. Stobbs and H. R. S. Stewart-Killick.

C. T. Webb, Chief Draughtsman

GENERAL REFERENCE

- Geological boundary
- Faults
- Dip and Strike
- Escarpments, cliffs
- Centre of Eruption (commonly small crater)
- Inland Springs
- Coral reef
- Limits of prominent lava flow within volcanic formation
- Prominent swamps
- Roads (vehicular)
- Roads (non vehicular)
- Tracks
- Flowing Streams
- Stream channels
- Village — Vaitolo
- Village (abandoned) — Mutia
- Spot height in feet above Sea Level — 200′
- Petrological samples (locality and number) — PT620
- Phosphate samples — P612

INDEX TO ADJOINING SHEET



SCALE

1 : 100,000

0 1 2 3 4 5 MILES

R. W. Willett
Director

Compiled from data obtained from the Lands & Survey Department Apia Western Samoa
Additional Surveys and Geology by D. Kear, and B. L. Wood, New Zealand Geological Survey, and S. Poutoa, Public Works Department, Apia Some geological boundaries from soil survey of A. C. S. Wright, New Zealand Soil Bureau, 1956

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GEOLOGICAL LEGEND

SEDIMENTARY ROCKS AND MARINE TUFF

HOLOCENE
- Alluvium Swamp talus etc. (including some Tafagamanu sand) — R
- Tafagamanu Sand (coastal strip of coral sand about 5 ft. above sea level) — T
- Nu'utele Sand (coral sand 15 ft. above sea level) — N

MIDDLE AND LATE PLEISTOCENE
- Lalomauga Alluvium (terrace gravels in Falefa Valley) — * LA
- Talus from Fagaloa Volcanics — * Fc
- Vini Tuff (palagonite tuff of eastern islands and Apolima Island) — V

EARLY PLEISTOCENE OR PLIOCENE
- Fagaloa Volcanics (steep eroded relief, deep soils, drowned coasts, narrow reefs) — F

VOLCANIC FORMATIONS / CONES

- Aopo Volcanics (historical) — A / a
- Puapua Volcanics (reef-covering) — P / p
- Lefaga Volcanics (narrow reefs offshore) — * L / l
- Mulifanua Volcanics (wide reefs offshore) — M / m
- Salani Volcanics (wide reefs, deep soils, canyons) — S / s

* None on this sheet

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