GEOLOGICAL MAP NO. 2 N.Z.G.S. BULLETIN NO. 63

NEW ZEALAND GEOLOGICAL SURVEY

UPOLU

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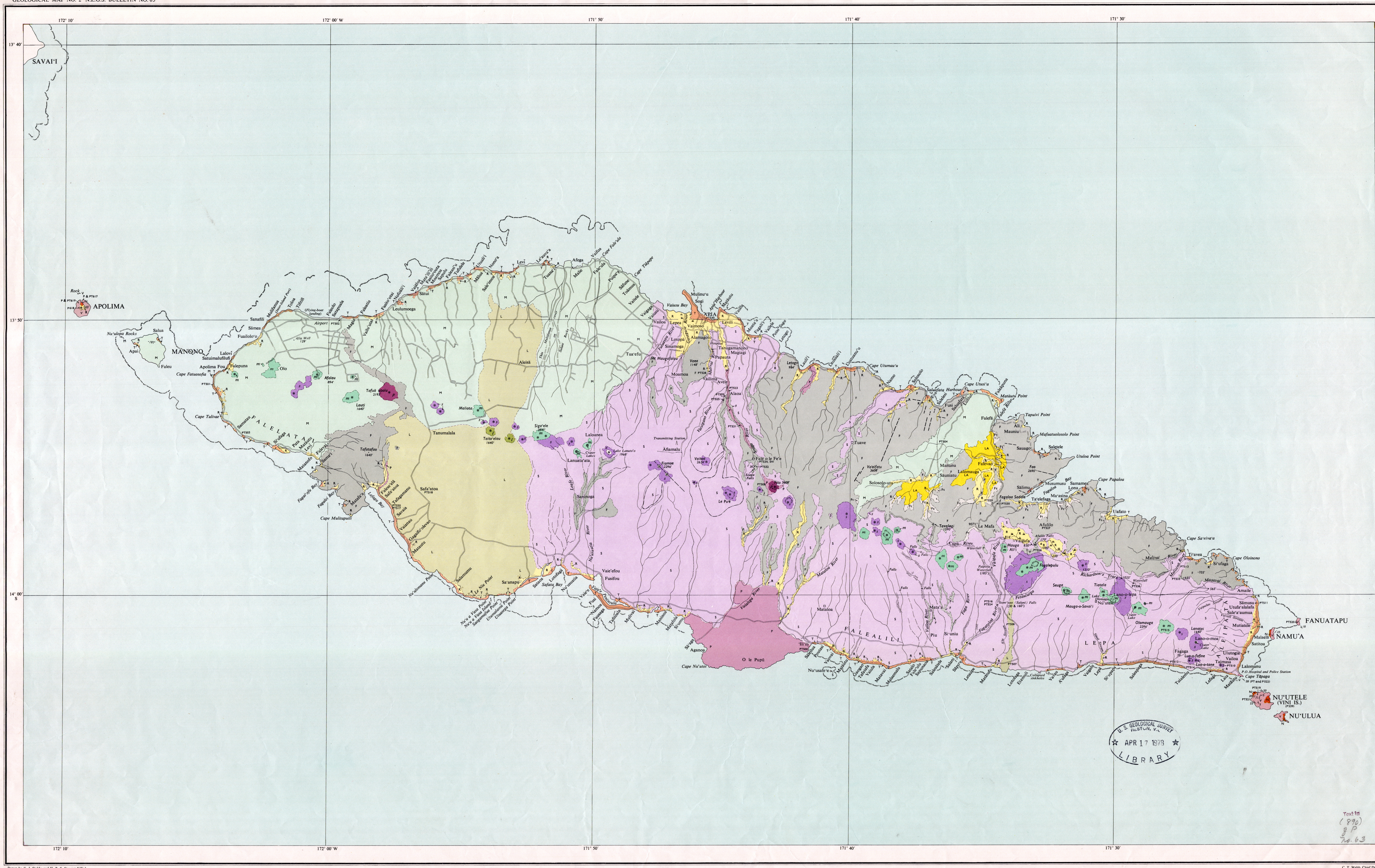


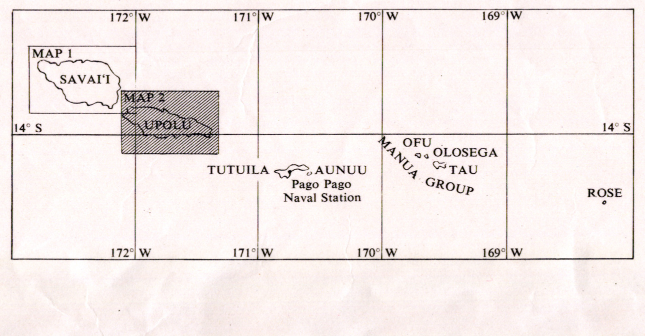
Drawn by V. J. Stobbs and H. R. S. Stewart-Killick.

C. T. Webb, Chief Draughtsman

GENERAL REFERENCE

Geological boundary	Roads (vehicular)
Faults (inferred only)	Roads (non vehicular)
Dip and Strike	Tracks
Escarpments, cliffs	Flowing Streams
Centre of Eruption (commonly small crater)	Stream channels
Inland Springs	Village — Lataitai
Coral reefs	Village (abandoned) — Avele
Limits of prominent lava flow within volcanic formation	Spot height in feet above Sea Level — 480′
Prominent swamps	Petrological samples (locality and number) — PT519
	Phosphate samples — P616

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 — Ft
- Vini Tuff (palagonite tuff of eastern islands and Apolima Island) — V

EARLY PLEISTOCENE OR PLIOCENE

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

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