

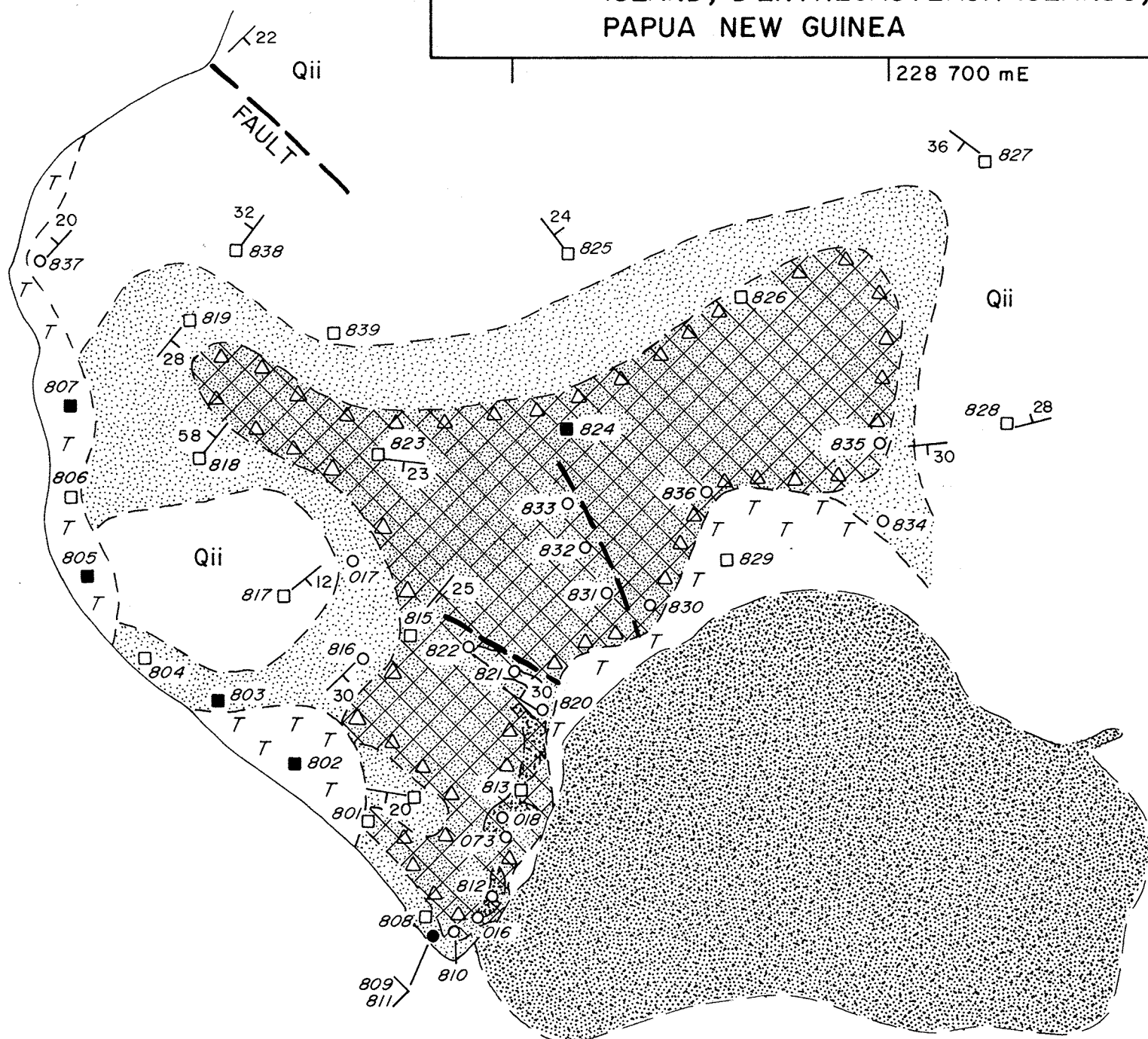
228 500 mE

PLATE 3 : IMALELE AIRPORT BRECCIA
 IMALELE GEOTHERMAL FIELD, FERGUSSON
 ISLAND, D'ENTRECASTEAUX ISLANDS,
 PAPUA NEW GUINEA

228 700 mE

8947 900 mN

8947 700 mN



All 800 series sample numbers preceded by 181, and all 000 series numbers preceded by 139; i.e. sample 801 = 181801, and sample 073 = 139073. Iamalele ignimbrite is present in areas shown as argillic and advanced argillic alteration.

AIR STRIP

EXPLANATION**GEOLOGY**

- Active thermal area
- Talus and landslide debris
- Hydrothermal breccia
- Iamalele ignimbrite: dominantly pumiceous biotite rhyolite with intercalated rhyolite glass

ALTERATION

- Argillic alteration: biotite, feldspar and rare hornblende altered to clay ± illite
- Advanced argillic alteration: veins and fracture + open space filling by opal + alunite + kaolinite, hematite stain common, rare cinnabar (?) in opal veins

GEOCHEMISTRY

- Rock chip sample location
- Pit, rock chip sample
- Pit, soil sample
- Grab sample of float

AUTHOR : P.A. MITCHELL

SCALE 1:1500

0 50 100 m

DRAUGHTED : L.V.L.

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