

SB Map 150
1974

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Soil map of Asau block,
Savai'i, Western Samoa

1 : 20 000

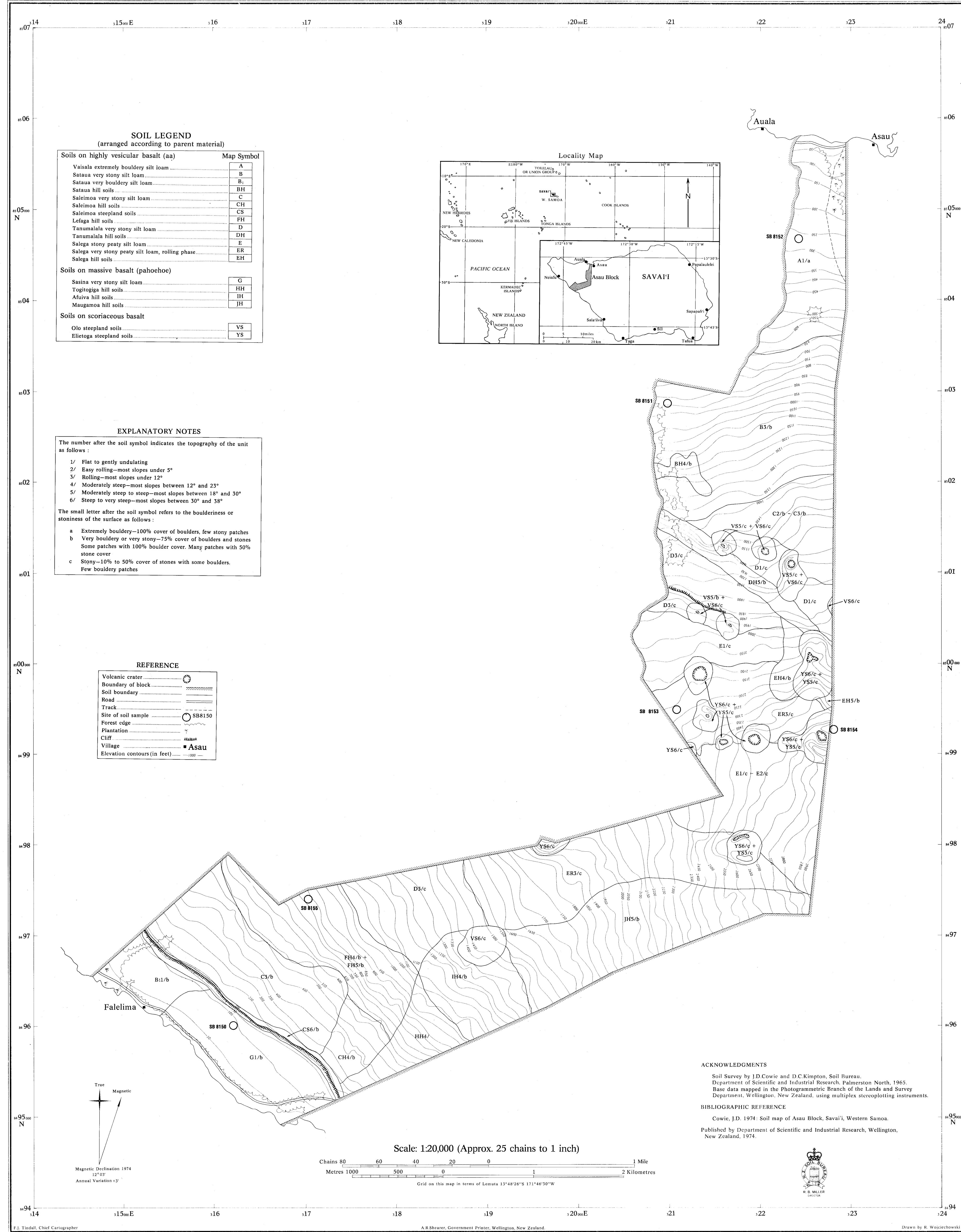
SB Map 150
SSR 21

\$1.50

SOIL MAP OF ASAU BLOCK, SAVAI'I, WESTERN SAMOA

Part N.Z. Soil Survey Report No. 21

N.Z. Soil Bureau Map 150



SOIL LEGEND
(arranged according to parent material)

Soils on highly vesicular basalt (aa)	Map Symbol
Vaisala extremely bouldery silt loam	A
Sataua very stony silt loam	B
Sataua very bouldery silt loam	BH
Sataua hill soils	C
Saleimoa very stony silt loam	CH
Saleimoa hill soils	CS
Lefaga hill soils	FH
Tanumalala very stony silt loam	D
Tanumalala hill soils	DH
Salega stony peaty silt loam	E
Salega very stony peaty silt loam, rolling phase	EH
Salega hill soils	EH
Soils on massive basalt (pahoehoe)	
Sasina very stony silt loam	G
Togitogiga hill soils	HH
Afaiya hill soils	IH
Maugamoa hill soils	JH
Soils on scoriaceous basalt	
Olo steepland soils	VS
Eliefoga steepland soils	YS

EXPLANATORY NOTES

The number after the soil symbol indicates the topography of the unit as follows:

- 1/ Flat to gently undulating
- 2/ Easy rolling—most slopes under 5°
- 3/ Rolling—most slopes under 12°
- 4/ Moderately steep—most slopes between 12° and 23°
- 5/ Moderately steep to steep—most slopes between 18° and 30°
- 6/ Steep to very steep—most slopes between 30° and 38°

The small letter after the soil symbol refers to the boulderiness or stoniness of the surface as follows:

- a Extremely bouldery—100% cover of boulders, few stony patches
- b Very bouldery or very stony—75% cover of boulders and stones. Some patches with 100% boulder cover. Many patches with 50% stone cover
- c Stony—10% to 50% cover of stones with some boulders. Few bouldery patches

REFERENCE

Volcanic crater	○
Boundary of block	—
Soil boundary	—
Road	—
Track	—
Site of soil sample	○
Forest edge	—
Plantation	—
Cliff	—
Village	—
Elevation contours (in feet)	—

ACKNOWLEDGMENTS
Soil Survey by J.D. Cowie and D.C. Kington, Soil Bureau, Department of Scientific and Industrial Research, Palmerston North, 1965. Base data mapped in the Photogrammetric Branch of the Lands and Survey Department, Wellington, New Zealand, using multiple stereorepeating instruments.

BIBLIOGRAPHIC REFERENCE
Cowie, J.D. 1974. Soil map of Asau Block, Savai'i, Western Samoa. Published by Department of Scientific and Industrial Research, Wellington, New Zealand, 1974.

Scale: 1:20,000 (Approx. 25 chains to 1 inch)

Chains 80 60 40 20 0 1 Mile
Metres 1000 500 0 1 2 Kilometres

Grid on this map in terms of UTM is 13°48'26"S 151°46'30"W