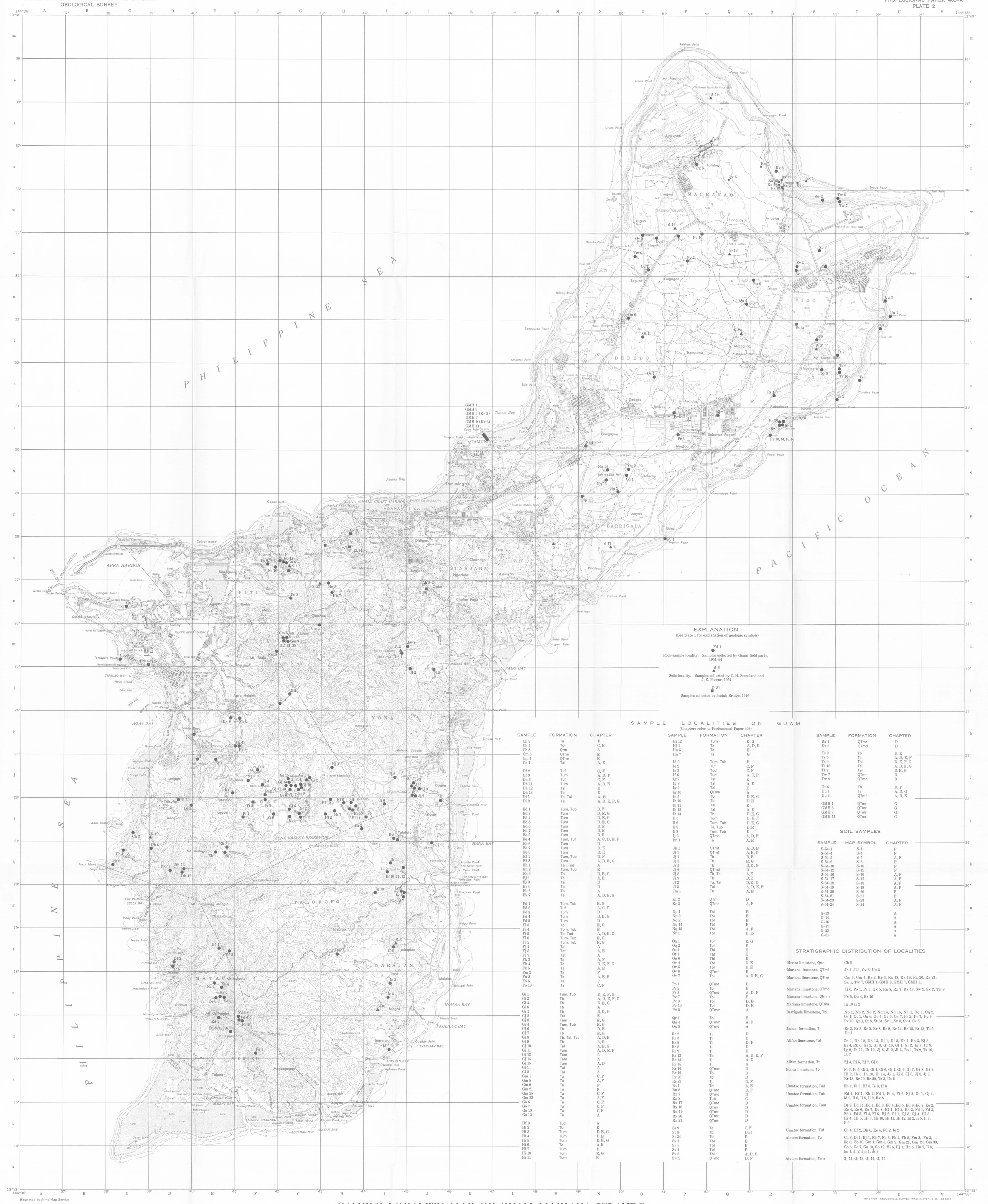

EXPLANATION

(See plate 1 for explanation of geologic symbols)

Fd 1 ● Rock-sample locality. Samples collected by Guam field party, 1951–54

S-6 ▲ Soils locality. Samples collected by C. H. Stensland and J. E. Paseur, 1954

G-31 ■ Samples collected by Josiah Bridge, 1946

SAMPLE LOCALITIES ON GUAM

(Chapters refer to Professional Paper 403)

SAMPLE	FORMATION	CHAPTER
Ch 3	Ta	F
Ch 4	Tuf	C, E
Ch 8	Qrm	A
Cm 3	QTmr	E
Cm 4	QTmr	E
Cn 1	Tal	A, E
Df 2	Tuf	C, F
Df 9	Tum	A, D, F
Dh 6	Tuf	C, F
Dh 11	Tum	A, D, E
Dh 12	Tal	D
Dh 13	Tal	D
Di 1	Ta, Tal	A, E
Di 2	Tal	A, D, E, F, G
Ed 1	Tum, Tub	D, F
Ed 3	Tum	D, E, G
Ed 4	Tum	D, E, G
Ed 5	Tum	D, E, G
Ed 6	Tum	D, E
Ed 7	Tum	D, E
Ee 2	Tum	D, F
Ee 4	Tum, Tuf	A, C, D, E, F
Ee 6	Tum	D
Ee 7	Tum	D, E
Ee 8	Tum	D, E
Ef 1	Tum, Tub	D, F
Ef 2	Tum	A, D, E, G
Eh 1	Tal, Tud	A
Eh 2	Tum, Tub	E
Eh 3	Tal	D, E, G
Ej 1	Ta	A, E
Ej 3	Tal	D
Ej 4	Tal	D
Ek 6	Tal	A
Ek 7	Ta	A, D, E, G
Fd 1	Tum, Tub	E, G
Fd 2	Tuf	A, C, F
Fd 3	Tum	D
Fd 4	Tum	D, E, G
Fd 5	Tum	D
Fi 3	Tb	E, G
Fi 4	Tum, Tub	E
Fi 5	Tb, Tud	A, D, E, G
Fi 6	Tum, Tub	E, G
Fj 2	Tum, Tub	E, G
Fj 4	Tat	A
Fj 5	Tat	A, E
Fj 7	Tat	A
Fk 3	Ta	A, F
Fk 4	Ta	D, E, F, G
Fk 5	Ta	A, E
Fm 2	Ta	F
Fn 2	Ta	A, E, F
Fo 6	Ta	F
Fo 10	Ta	C, F
Gi 1	Tum, Tub	D, E, F, G
Gi 2	Tb	A, D, E, F, G
Gi 4	Tb	D, E, G
Gi 6	Tb	A
Gj 1	Tb	D, E, G
Gj 2	Tal	E
Gj 3	Tum	E, G
Gj 4	Tum, Tub	E, G
Gj 6	Tb	D, E
Gj 7	Tb	E, G
Gj 8	Tb, Tal, Tat	A, D, E
Gj 9	Tb	A, E
Gj 10	Tal	A, E, G
Gj 11	Tam	A, D, E, F
Gj 13	Tam	A
Gj 14	Tam	A
Gj 15	Tam	A, D
Gl 1	Tal	A
Gl 2	Tal	A
Gm 1	Ta	C, F
Gm 5	Ta	A, F
Gm 9	Ta	F
Gm 21	Ta	F
Gm 25	Ta	C, F
Gm 33	Ta	A, F
Go 6	Ta	C, F
Go 7	Ta	C, F
Go 10	Ta	C, F
Go 12	Ta	A
Hf 3	Tud	A
Hi 2	Tb	E
Hi 3	Tum	D, E, G
Hi 4	Tum	D, E
Hi 5	Tum	D, E, G
Hi 6	Ta	A, E
Hi 7	Tum	D
Hi 10	Tum	E, G
Hi 11	Tum	E
Hi 12	Tum	E, G
Hj 1	Ta	A, D, E
Hn 5	Ta	E
Hn 7	Ta	G
Id 2	Tum, Tub	E
Ie 2	Tuf	C, F
Ie 3	Tud	C, F
If 6	Tud	A, C, F
Ig 7	Tal	E
Ig 8	Tal	A, E
Ig 9	Tal	E
Ig 10	QTma	A
Ih 5	Tb	D, E, G
Ih 10	Tb	D, E
Ih 11	Tal	E
Ih 12	Tal	A, E
Ih 14	Tb	D, E, G
Ii 5	Tum	D, E, F
Ii 6	Tum, Tub	D, E, G
Ii 8	Ta, Tub	D, E
Ii 9	Tum, Tub	E
Ij 2	QTma	A, D, F
Im 1	Ta	A, E
Jh 1	QTmf	A, D, E
Ji 1	QTmf	A, E, G
Jj 1	Tb	D, E
Jj 3	Tb	E, G
Jj 5	Tb	D, E, G
Jj 6	QTmd	D
Jj 8	Tb, Tal	A, E
Jj 9	Tb	D, E
Jl 2	Ta, Tal	D, E, G
Jl 3	Tal	A, D, E, F
Jm 1	Ta	A, E
Kr 2	QTmr	D
Kr 3	QTmr	A, F
Np 1	Tbl	E
Np 2	Tbl	E
Nq 2	Tbl	E
Nq 14	Tbl	E
Nq 15	Tbl	A, F
Nr 1	Tbl	D, E
Oq 1	Tbl	E, G
Oq 2	Tbl	E
Os 1	Tbl	E
Ot 1	Tbl	E
Ou 6	Tbl	E
Ov 4	Tbl	D, E
Ov 5	Tbl	D, E
Ov 6	QTmf	E
Ov 7	Tbl	A, D, E, G
Po 1	QTmd	D
Pr 2	Tbl	E
Pr 3	QTmd	A, D, F
Pv 7	Tbl	E
Pv 9	Tbl	D, E
Pv 10	Tbl	D, E
Px 5	QTmm	A
Qr 1	Tbl	E
Qu 4	QTmm	A, D
Qx 5	QTmd	A
Rr 2	Tj	D
Rr 3	Tj	D
Rr 5	Tj	D, F
Rr 8	Tj	D
Rr 9	Tj	D
Rr 13	Tb	A, D, E, F
Rr 14	Tj	A, D
Rr 15	Tj	A
Rr 16	QTmm	D
Rr 19	Tb	D
Rr 20	Tb	D
Rr 23	Tj	D, F
Rs 1	Tal	A, E
Ru 8	QTmd	D, F
Rx 7	QTmd	D
Rx 8	Tub	G
Rx 17	QTmd	D
Rx 18	QTmr	D
Rx 19	QTmr	D
Rx 20	QTmr	D
Rx 21	QTmr	D
Ss 9	Ta	C, F
St 8	Tbl	D, E
St 34	Tbl	E
Sv 1	Tbl	E
Sv 3	Tbl	E
Sv 4	Tbl	E
Sv 5	Tbl	A, D, E
Sw 2	QTmd	D, F
Sx 1	QTmr	D
Sx 2	QTmd	D
Ts 2	Tb	D, E
Ts 5	Tj	A, D, E, F
Ts 9	Tal	D, E, F, G
Ts 16	Tal	A, D, E, G
Tt 7	Tal	D, E, G
Tw 7	QTmr	D
Tw 8	QTmd	D
Ut 6	Tb	D, F
Uu 1	Tj	A, D, G
Uu 3	QTmf	A, D, E
GMH 1	QTmr	G
GMH 3	QTmr	G
GMH 7	QTmr	G
GMH 11	QTmr	G

SOIL SAMPLES

SAMPLE	MAP SYMBOL	CHAPTER
S-54-1	S-1	F
S-54-4	S-4	F
S-54-5	S-5	A, F
S-54-6	S-6	F
S-54-10	S-10	F
S-54-12	S-12	F
S-54-16	S-16	A, F
S-54-17	S-17	A, F
S-54-18	S-18	A, F
S-54-19	S-19	A, F
S-54-20	S-20	F
S-54-21	S-21	F
S-54-23	S-23	A, F
S-54-24	S-24	A, F
G-13		A
G-14		A
G-16		A
G-17		A
G-28		A
G-31		A

STRATIGRAPHIC DISTRIBUTION OF LOCALITIES

Merizo limestone, Qrm	Ch 8
Mariana limestone, QTmf	Jh 1, Ji 1, Ov 6, Uu 3
Mariana limestone, QTmr	Cm 3, Cm 4, Kr 2, Kr 3, Rx 18, Rx 19, Rx 20, Rx 21, Sx 1, Tw 7, GMH 1, GMH 3, GMH 7, GMH 11
Mariana limestone, QTmd	Jj 6, Po 1, Pr 3, Qx 5, Ru 8, Rx 7, Rx 17, Sw 2, Sx 2, Tw 8
Mariana limestone, Qtmm	Px 5, Qu 4, Rr 16
Mariana limestone, QTma	Ig 10 Ij 2
Barrigada limestone, Tbl	Np 1, Np 2, Nq 2, Nq 14, Nq 15, Nr 1, Oq 1, Oq 2, Os 1, Ot 1, Ou 6, Ov 4, Ov 5, Ov 7, Pr 2, Pr 7, Pr 9, Pv 10, Qr 1, St 8, St 34, Sv 1, Sv 3, Sv 4, Sv 5
Janum formation, Tj	Rr 2, Rr 3, Rr 5, Rr 8, Rr 9, Rr 14, Rr 15, Rr 23, Ts 5, Uu 1
Alifan limestone, Tal	Cn 1, Dh 12, Dh 13, Di 1, Di 2, Eh 1, Eh 3, Ej 3, Ej 4, Ek 6, Gj 2, Gj 8, Gj 10, Gl 1, Gl 2, Ig 7, Ig 8, Ig 9, Ih 11, Ih 12, Jj 8, Jl 2, Jl 3, Rs 1, Ts 9, Ts 16, Tt 7
Alifan formation, Tt	Fj 4, Fj 5, Fj 7, Gj 8
Bonya limestone, Tb	Fi 3, Fi 5, Gi 2, Gi 4, Gi 6, Gj 1, Gj 6, Gj 7, Gj 8, Gj 9, Hi 2, Ih 5, Ih 10, Ih 14, Jj 1, Jj 3, Jj 5, Jj 8, Jj 9, Rr 13, Rr 19, Rr 20, Ts 2, Ut 6
Umatac formation, Tud	Eh 1, Fi 5, Hf 3, Ie 3, If 6
Umatac formation, Tub	Ed 1, Ef 1, Eh 2, Fd 1, Fi 4, Fi 6, Fj 2, Gi 1, Gj 4, Id 2, Ii 6, Ii 8, Ii 9, Rx 8
Umatac formation, Tum	Df 9, Dh 11, Ed 1, Ed 3, Ed 4, Ed 5, Ed 6, Ed 7, Ee 2, Ee 4, Ee 6, Ee 7, Ee 8, Ef 1, Ef 2, Eh 2, Fd 1, Fd 3, Fd 4, Fd 5, Fi 4, Fi 6, Fj 2, Gi 1, Gj 3, Gj 4, Hi 3, Hi 4, Hi 5, Hi 7, Hi 10, Hi 11, Hi 12, Id 2, Ii 5, Ii 6, Ii 9
Umatac formation, Tuf	Ch 4, Df 2, Dh 6, Ee 4, Fd 2, Ie 2
Alutom formation, Ta	Ch 3, Di 1, Ej 1, Ek 7, Fk 3, Fk 4, Fk 5, Fm 2, Fn 2, Fo 6, Fo 10, Gm 1, Gm 5, Gm 9, Gm 21, Gm 25, Gm 33, Go 6, Go 7, Go 10, Go 12, Hi 6, Hj 1, Hn 5, Hn 7, Ii 8, Im 1, Jl 2, Jm 1, Ss 9
Alutom formation, Tam	Gj 11, Gj 13, Gj 14, Gj 15

Base map by Army Map Service

SAMPLE LOCALITY MAP OF GUAM, MARIANA ISLANDS

APPROXIMATE MEAN DECLINATION, 1964

SCALE 1:50 000

CONTOUR INTERVAL 20 METERS WITH SUPPLEMENTARY CONTOURS AT 10 METER INTERVALS
VERTICAL DATUM IS BASED ON THE MEAN LOWEST LOW WATER

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.—G62312