

Appendix A. Map Unit Descriptions

i. Map unit abbreviations and names

The following list, sorted alphabetically by mnemonic, relates abbreviations and map unit name. Upper case letters represent age: K = Cretaceous; Q = Quaternary; T = Tertiary; TK = mixed or transitional ages.

af	Artificial fill
Kabcj	Formations A, B, C, & J
Kac	Achiote Conglomerate
Kal	Alonso Formation
Kap	Avispa and Perchas Formations, undivided
Kav	Avispa Formation
Kba	Barrazas Formation
Kbo	Boqueron Basalt
Kca	Cariblanco Formation
Kcag	Granodiorite of the Caguas pluton
Kcam	Camarones Sandstone
Kcan	Cancel Breccia
Kcar	Carraizo Breccia
Kcb	Cambalache Formation
Kce	Celada Formation
Kcg	Cerro Gordo Lava
Kcn	Canovanas Formation
Kco	Concepcion Formation
Kcoa	Coamo Formation
Kcot	Cotui Limestone
Kctt	Cotorra Tuff
Kd	Daguao Formation
Kdh	Diorite-hornblende gabbro
Kdi	Diorite
Ke	El Rayo Formation
Keo	El Ocho Formation
Kf	Figuera Lava
Kfa	Fajardo Formation
Kfd	Figuera and Daguao Formations, undivided
Kfr	Frailes Formation
Kg	Guaynabo Formation
Kh	Hato Puerco Formation
Ki	Infierno Formation
Kib	Intrusive breccia of the Daguao Formation
Kja	Jayuya Tuff
KJa	Amphibolite
KJas	Amphibolite-Serpentine
KJb	Spillitized Basalt
KJc	Cajul Basalt

KJm	Mariquita Chert
KJs	Serpentine
Kl	Lajas Formation
Klm	La Muda Formation
Kln	Los Negros Formation
Klo	Lomas Formation
Km	Melones Limestone
Kma	Magueyes Formation
Kmag	Martin Gonzalez Lava
Kmal	Malo Breccia
Kmam	Mameyes Formation
Kman	Manicabo Formation
Kmar	Maravillas Formation
Kmc	Granodiorite of Morovis and Ciales stocks
Kmo	Monacillo Formation
Kp	Parguera Limestone
Kpa	Pajaros Tuff
Kpe	Penones Limestone
Kper	Perchas Formation
Kpgg	Granodiorite of plutonic complex of Punta Guayanes
Kpgq	Quartz diorite
Kpgqm	Quartz monzonite of plutonic complex of Punta Guayanes
Kpi	Pitahaya Formation
Kpo	Pozas Formation
Kpob	Two pyroxene olivine basalt
Kpsg	Granodiorite of the plutonic complex of Punta Guayanes
Kpsq	Quartz diorite of plutonic complex of Punta Guayanes
Kr	Robles Formation
Kra	Rio Abajo Formation
Krp	Rio de la Plata Sandstone
Ks	Sabana Grande Formation
Ksl	Granodiorite-quartz diorite of San Lorenzo batholith
Kslg	Mixed granodiorite-diorite of the San Lorenzo batholith
Kslq	Quartz diorite facies of Granodiorite of San Lorenzo
Kso	Santa Olaya Lava
Kt	Torrecilla Breccia
Kta	Tabonuco Formation
Kte	Tetuan Formation
Kto	Tortuga Andesite
Ku	Granodiorite-quartz diorite of the Utuado batholith
Kv	Vista Alegre Formation
Qa	Alluvium
Qb	Beach deposits
Ql	Landslide deposits
Qs	Swamp deposits
QTs	Blanket sand deposits

Ta	Aguada Limestone
Tay	Aymamon Limestone
Tc	Cuevas Limestone
Tca	Carreras Siltstone
Tcb	Cibao Formation
Tcbg	Guajataca Member of Cibao Formation
Tcbga	Almirante Sur Sand Lentil of Cibao Formation
Tcbm	Montebello Limestone Member of Cibao Formation
Tcbmi	Miranda Sand Member of Cibao Formation
Tcbq	Quebrada Arenas Limestone Member of Cibao Formation
Tcbr	Rio Indio Limestone Member of Cibao Formation
Tcm	Camuy Formation
Tco	Corozal Limestone
Td	Porphyritic dacite
Tfb	Fault breccia
Tg	Guayo Formation
Tga	Gabbro
Tgua	Guanajibo Formation
Thp	Hornblende quartz diorite porphyry
Tj	Jicara Formation
Tjd	Juana Diaz Formation
Tjo	Jobos Formation
TKa	Anon Formation
TKahp	Augite-hornblende porphyry
TKal	Anon Formations and Lago Garzas, undivided
TKam	Anon and Maricao Formations, undivided
TKamo	Anon-Monserrate Formations, undivided
TKap	Augite andesite porphyry
TKas	Alkali syenite
TKat	Augite trachybasalt
TKay	Anon and Yauco Formations, undivided
Tkaym	Anon, Yauco, and Maricao Formations, undivided
TKci	Cibuco Formation
TKda	Amygdaloidal dacite
TKdi	Diorite
TKg	Diabasic gabbro
TKgm	Granodiorite quartz monzonite
TKgu	Guaracanal Formation
TKh	Porphyry Hornblende quartz-diorite
TKha	Hydrothermally altered rock
TKhda	Hornblende dacite
TKk	Quartz keratophyre
TKl	Lago Garzas Formation
TKlam	Lago Garzas, Anon, and Maricao Formations, undivided
TKly	Lago Garzas and Yauco Formations, undivided
TKm	Maricao Formation

TKmly	Maricao, Lago Garzas, and Yauco Formations, undivided
TKmv	Metavolcanic rock
TKmy	Maricao and Yauco Formations, undivided
TKn	Naranjito Formation
TKqd	Quartz diorite-granodiorite
TKy	Yauco Formation
Tl	Los Puertos Formation
Tla	Lares Limestone
Tm	Monserrate Formation
Tmu	Mucarabones Sand
Tor	Ortiz Formation
Tpa	Palmarejo Formation
Tpo	Ponce Limestone
Tr	Rio Culebrinas Formation
Tra	Raspaldo Formation
Trd	Rio Descalabrado Formation
Trhp	Rhyodacite porphyry
Trp	Rio Piedras Siltstone
Ts	San Sebastian Formation
Ty	Yunes Formation