

Soil pit description: PR09

Images: PR09
PR09_02.jpg, PR09_01.jpg

Soil class:

Map unit: Hood

Location: Ho

Site position: Near 12.4, Barbour Trail

Slope: Upper midslope

Parent material: 30%, linear, aspect 0°

Forest structure: Caimito volcanic facies

Litter: Closed canopy, moderate understory, few palms

Outcrops: 100% cover, 5 layers, thin discontinuous root mat

Stones: None

Cracks: Common hard subrounded boulders (to 50 cm diameter)

Microrelief: None

Faunal activity: None

Other surface features: Common fine worm casts

Horizon [cm]		Samples [cm]
0 - 5	7.5YR 3/2 (dark brown); no mottles; gritty clay loam; weak medium subangular blocky breaking to weak fine crumb, including many fine & medium worm casts; no cutans; many fine pores; dry & friable; common fine & medium tree roots; many coarse, medium & fine orange & red hard stones; few fine black ferrimanganiferous concretions; no charcoal; clear regular boundary to:	[0-5]
5 - 13	5YR 4/4 (reddish brown); no mottles; gritty clay loam; weak fine subangular blocky breaking to weak fine crumb, including many fine & medium worm casts no cutans; few fine pores; dry & friable; common fine & medium & fine tree roots; many coarse, medium & fine orange & red hard stones & few medium (up to 30 cm) boulders; no concretions; no charcoal; clear slightly wavy boundary to:	[5-13] [5-15]
13 - 60+	5YR 4/6 (yellowish red); no mottles; (silty) clay loam; moderate medium subangular blocky breaking to moderate fine crumb, including common fine worm casts; no cutans; common fine pores; dry & friable; common fine & medium & fine tree roots; common coarse, medium & fine orange & red hard stones & common medium boulders; no concretions; no charcoal:	[13-60] [15-25] [25-35] [35-45] [45-55]

Correlations

Catapan

(1970): O C W Kc 2
 E D 1 1

**World
Reference**

Base: Ferralic Eutric Cambisol

Soil

Taxonomy: Typic Eutrudept (-Eutrudox)

Features: Another example of brown loam that is shallow over clasts rather than saprolite.
 ECEC is small but highly base saturated.