

YAU upland field, Ma U Taw Village, 28, February, 2020

Soil layer	depth (cm)	Soil color	Soil texture	Soil hardness	Soil wetness	Other features plant root, mottle, clay accumulation etc
1 A ₁	0~12	(dry) 10YR 6/3 10YR 3/3 (wet)	Clay loam	5, 10, 5, 11, 15 Ave. 9.2	dry	Granular to Subangular blocky Abundant in fine roots
1 A ₂	12-22	(dry) 10YR 5/3 10YR 3/3 (wet)	clay loam	25, 33, 34, 33, 29 Ave. 31	dry	Subangular blocky Abundant in fine roots
1 B	22-40	(dry) 10YR 6/3 10YR 2/3 (wet)	light clay	31, 31, 32, 29, 33 Ave. 31	dry	Angular blocky, mottled Few roots
2 A	40-60	10YR 4/3	light clay	29, 26, 23, 23, 21 Ave. 24	semi wet	Wall-like structure Sparse fine roots
2 B ₁	60-90	10YR 4/3 7.5YR 3/3 (mottle)	sandy loam	21, 20, 20, 22, 24 Ave. 21	wet	wall-like structure matrix is mottled sparse fine roots
2 B ₂	90-115	10YR 3/2	silty loam	19, 22, 22, 22, 17 Ave. 20	wet	wall-like structure sparse fine roots
2 B ₃	115-130	10YR 2/2	heavy clay	28, 29, 29, 31, 27 Ave. 29	wet	wall-like sparse fine roots
2 C	130~155+	10YR 3/4	coarse sand	19, 18, 21, 14, 15 Ave. 17	very wet	sandy/grain-like structure very sparse roots

GARMIN GPS map 60CSx Reading: N 19° 50' 11.22" E 096° 15' 43.40" (± 4m)