

Table A2. Prefixes and their connotations for names of great groups in the U.S. soil classification system (Soil taxonomy)

acr	Extreme weathering
agr	An agric horizon
al	High exchangeable aluminum
alb	An albic horizon
anthr	An anthropic horizon
aqu	Evidence of wetness
arg	An argillic horizon
bor	Cool
calc	A calcic horizon
camb	A cambic horizon
cry	Cold
dur	A duripan
dyst, dys	Low base saturation
endo	Wet from below
epi	Wet, perched
eutr, eu	High base saturation
ferr	Presence of iron
fluv	Floodplain
frag	Presence of fragipan
gel	Soil temperature <0°C
fragloss	See the formative elements frag and gloss
gloss	Tongued
gyps	Presence of gypsic horizon
hal	Salty
hapl	Minimum horizon
hum	Presence of humus
hydr	Presence of water
kand	Presence of low activity clay

kandhapl	See kand and hapl
luv	Illuvial
med	Normal, default Histosol class
melan	Black, high C, and short-range-order minerals
nadur	See the formative elements natr and dur
natr	Presence of natric horizon
pale	Old development
petro	Hardened calcic or gypsic horizon
plac	Presence of a thin cemented layer
plag	Presence of plaggen horizon
plinth	Presence of plinthite
psamm	Sand textures
quartz	High quartz content
rhod	Dark red color
sal	Presence of salic horizon
sombr	A dark horizon
sphagn	Presence of Sphagnum moss
sulf	Sulfides or their oxidation products
torr	Torric moisture regime
trop	Continually warm and humid
ud	Udic moisture regime
umbr	Presence of umbric epipedon
ust	Ustic moisture regime
verm	Wormy, or mixed by animals
vitr	Presence of glass
xer	Xeric moisture regime