

WSDA CRP Soil Data Reference



Column	Notes	Units
Client	Name provided on COC form	
sampleId	Sample ID provided on COC Form	
date_sampled	Date sampled on COC Form	
date_logged in	Date entered into Soil Test system	
lab_number	SoilTest Lab Sample ID	
QC_notes	Quality Control Notes	
totalN_%	Total Nitrogen	% by mass
totalC_%	Total Carbon (Inorganic + Organic)	% by mass
inorganicC_%	Total Inorganic Carbon	% by mass
TOC_%	Total Organic Carbon	% by mass
OM_%	Total Organic Matter	% by mass
poxC_mg.kg	Permanganate Oxidizable Carbon - Measure of a stable form of carbon on the path for carbon storage	mg/kg (Mass ratio)
96hrminC_mgC.kg.day	Potentially Mineralizable Carbon – Measure of respiration & informs about microbial activity	mg/kg (Mass ratio) of Carbon per day
nitrateN_mg.kg	Nitrogen in the form of Nitrate (NO3)	mg/kg (Mass ratio)
ammN_mg.kg	Nitrogen in the form of Ammonium (NH4)	mg/kg (Mass ratio)
pH	Active Acidity	
EC_mmhos.cm	Electrical Conductivity - Can inform salinity	m(mho)/cm (mili-Sieman/cm)
BrayP_mg.kg	Extractable Phosphorous	mg/kg (Mass ratio)
K_mg.kg	Potassium	mg/kg (Mass ratio)
Ca_cmolc.kg	Calcium	cmolc/kg (Positive Cations per mass)
Ca_mg.kg	Calcium	mg/kg (Mass ratio)
Mg_cmolc.kg	Magnesium	cmolc/kg (Positive Cations per mass)
Mg_mg.kg	Magnesium	mg/kg (Mass ratio)
Na_cmolc.kg	Sodium	cmolc/kg (Positive Cations per mass)
Na_mg.kg	Sodium	mg/kg (Mass ratio)
CEC_meq.100g	Cation Exchange Capacity	cmolc/kg (Positive Cations per mass)
Zn_mg.kg	Zinc	mg/kg (Mass ratio)
Mn_mg.kg	Manganese	mg/kg (Mass ratio)
Cu_mg.kg	Copper	mg/kg (Mass ratio)
Fe_mg.kg	Iron	mg/kg (Mass ratio)
S_mg.kg	Sulfur	mg/kg (Mass ratio)
B_mg.kg	Boron	mg/kg (Mass ratio)
WHC_in.ft	Water Holding Capacity	in/ft
sand_%	Sand Soil Type	% by mass
clay_%	Clay Soil Type	% by mass
silt_%	Silt Soil Type	% by mass
texture	Soil Texture	
moisture_%	Moisture Content	% by mass