

## data homogenization processing summary and QC check results: CWTgradient\_soilpHcations

### notes included with key file:

source	Var_long	var	var_notes
location	Google Directory		CWTgradient_soilpHcations
location	Network (e.g. LTER, CZO, DIRT, NutNet, etc)	network	LTER
location	Site code (e.g. LUQ) or name	site_code	CWT
location	Location name	location_name	Coweeta basin
location	alignment notes for profile data 1	align_1	these data can be joined to the soilCN file after averaging them by “site” and using “site” as the key field for the join
location	merging datafiles required? please add details to alignment notes	merge_align	align to Plot
profile	Experimental Level 1(top level)	L1	see the site descriptors file for specific information about each site
profile	Observation Date_1	observation_date_1	year of data collection
profile	Observation Date_2	observation_date_2	month of data collection
profile	Soil pH CaCl2	ph_cacl	0.1M CaCl2
profile	Calcium	ca	double acid extraction on <2mm fraction of 0-10 cm depth mineral osil
profile	Magnesium	mg	double acid extraction on <2mm fraction of 0-10 cm depth mineral osil
profile	Potassium	k	double acid extraction on <2mm fraction of 0-10 cm depth mineral osil
profile	Extractable Phosphorus_1	p_ex_1	double acid extraction

### files processed:

type	filename
provided data	CWTgradient_soilpHcations.CSV
homogenized data	CWTgradient_soilpHcations_HMGZD

### QC results: location data

location data checks passed

### QC results: profile data, data range

profile data range checks passed

### QC results: profile data, data type

profile data type checks passed