data homogenization processing summary and QC check results: NEON_periodicSoil_all

notes included with key file:

source	Var_long	var	var_notes
location	Google Directory		NEON_periodicSoil_all
location	Network (e.g. LTER, CZO, DIRT, NutNet, etc)	network	NEON
profile	Site code (e.g. LUQ) or name	site_code	siteID is the unique location identifier, can be used to join climate data (I already did this)
profile	Location name	location_name	WW created this, also useful to use siteID for location name
profile	Experimental Level 1(top level)	L1	plotID is a unique plot identifier, can be used to join physiographic data (I already did this) and plant data (not done); also, b.d. from initial characterization
profile	Mean Annual Precipitation	map	PRISM 30-yr normal averaged for entire NEON site, calculated May 2017
profile	Mean Annual Temperature	mat	PRISM 30-yr normal averaged for entire NEON site, calculated May 2017

files processed:

type	filename
provided data	periodic_Soil_all
homogenized data	periodic_Soil_all_HMGZD

variable conversion

source	var	Var_long	given_unit	target_unit	factor	varNotes
profile	n_min	Net N mineralization	mg / g / d	ug g-1 d-1	0.001	converted
profile	lyr_n_tot	Bulk Layer Total Nitrogen concentration	%	percent		NOT converted
profile	lyr_soc	Bulk Layer Organic Carbon (CN analyzer) concentration, inorganic C removed or not present	%	percent		NOT converted
profile	layer_bot	Layer Bottom	cm	cm		NOT converted
profile	layer_top	Layer Top	cm	cm		NOT converted
profile	map	Mean Annual Precipitation	mm	mm		NOT converted

QC results: location data

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location data checks passed
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QC results: profile data, data range

var	min	max	minValue	maxValue	error
n__min	-0.00022	0.01017	0	1000	out of range

QC results: profile data, data type

profile data type checks passed