data homogenization processing summary and QC check results: NEON_megapitRoots_all

notes included with key file:

source	Var_long	var	var_notes
location	Google Directory		NEON_megapitRoots_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 use to join with climate data (I already did this)
profile	Location name	location_name	WW created this, also useful to use siteID for location name
profile	root biomass	bgb	raw data are reported as mg DW/cm2, data converted to g/m2 by multiplying raw data * 10
profile	root biomass lower diameter cutoff	bgb_lowerdiam	These are defined separately for each diameter class
profile	root biomass upper diameter cutoff	bgb_upperdiam	These are defined separately for each diameter class
profile	root biomass type	bgb_type	These are defined separately for each diameter class
profile	root biomass C	bgb_c	convert to gC/m2 by multiplying bgb by vaues here

files processed:

type	filename
provided data	megapit_roots
homogenized data	megapit_roots_HMGZD

variable conversion

source	var	Var_long	given_unit	target_unit	factor	varNotes
profile	bgb_c	root biomass C	%	mg g-1		NOT converted
profile	bgb_n	root biomass N	%	mg g-1		NOT converted
profile	layer_bot	Layer Bottom	cm	cm		NOT converted
profile	layer_top	Layer Top	cm	cm		NOT converted
profile	bgb	root biomass	gDM m-2	gDM m-2		NOT converted
profile	bgb_lowerdiam	root biomass lower diameter cutoff	mm	mm		NOT converted
profile	bgb_upperdiam	root biomass upper diameter cutoff	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

profile data range checks passed

QC results: profile data, data type

profile data type checks passed