data homogenization processing summary and QC check results: BNZ3

notes included with key file:

source	Var_long	var	var_notes
location	Google Directory		BNZ3
location	Network (e.g. LTER, CZO, DIRT, NutNet, etc)	network	LTER
location	Site code (e.g. LUQ) or name	site_code	BNZ
location	Location name	location_name	Varies
location	Latitude	lat	these vary by site - but this is the most northern latitude and the most eastern longitude
location	Mean Annual Precipitation	map	includes snow
profile	Experimental Level 2	L2	Management Type: unmanaged, hand-thinned, shearbladed, shearbalded and plowed: see DOI for additional details
profile	Experimental Level 4	L4	2 transects were established within each area (aka sample name)
profile	Treatment_1_level	tx_L1	Management Type: unmanaged, hand-thinned, shearbladed, shearbalded and plowed: see DOI for additional details
profile	Layer Bottom	layer_bot	these are true depths - with the mineral soil being measured directly below the organic - 0 cm depth is the surface of the green moss/lichen
profile	Soil pH in water	ph_h2o	5g soil to 50ml of water

files processed:

type	filename
provided data	676_Melvin_AM_Soil_XJWedit1_c.csv
homogenized data	676_Melvin_AM_Soil_XJWedit1_c_HMGZD

variable conversion

source	var	Var_long	given_unit	target_unit	factor	varNotes
location	map	Mean Annual Precipitation	mm	mm		NOT 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

source	var	Var_long	given_unit	target_unit	factor	varNotes
profile	layer_top	Layer Top	cm	cm		NOT converted

QC results: location data

`location data checks passed`

QC results: profile data, data range

var	min	max	minValue	maxValue	error
bd_samp	0.01	1.63	0.1	2	out of range

QC results: profile data, data type

profile data type checks passed