data homogenization processing summary and QC check results: BNZ2

notes included with key file:

source	Var_long	var	var_notes
location	Google Directory		BNZ2
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	Eight Mile Lake, Thaw Gradient
location	Mean Annual Precipitation	map	W. Wieder added, as Eight mile lakes site seems to have both CIPHER study and gradient thaw sites
location	Mean Annual Temperature	mat	W. Wieder added, as Eight mile lakes site seems to have both CIPHER study and gradient thaw sites
profile	Experimental Level 1(top level)	L1	Sites represent a thaw gradient - minimal (min), moderate (mod), or extensive (ext)
profile	Experimental Level 2	L2	Numerous soil cores were taken within each site
profile	Horizon	hzn	O = organic, M =mineral

files processed:

type	filename
provided data	366_Healy_Soil_C_and_N_inventory_b.csv
homogenized data	366_Healy_Soil_C_and_N_inventory_b_HMGZD

variable conversion

source	var	Var_long	given_unit	target_unit	factor	varNotes
location	map	Mean Annual Precipitation	mm	cm	10	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	lyr_n_tot_stock	Bulk Layer Total Nitrogen stock	g m-2	g N m-2		NOT converted
profile	lyr_soc_stock	Bulk Layer Organic Carbon (CN analyzer) stock	g m-2	g C m-2		NOT converted

QC results: location data

`location data checks passed`

QC results: profile data, data range

var	min	max	minValue	maxValue	error
bd_samp	0.0323	1.18	0.1	2	out of range

QC results: profile data, data type

profile data type checks passed