

## data homogenization processing summary and QC check results: ARC2

### notes included with key file:

| source   | Var_long                                    | var           | var_notes  |
|----------|---|---------------|--|
| location | Google Directory                            |               | ARC2   |
| location | Network (e.g. LTER, CZO, DIRT, NutNet, etc) | network       | LTER   |
| location | Site code (e.g. LUQ) or name                | site_code     | ARC  |
| location | Location name                               | location_name | SnowShrub, Toolik  |
| profile  | Experimental Level 1(top level)             | L1            | Anatuvik River Fire (ARF) sites are burned   |
| profile  | Experimental Level 2                        | L2            | Vegetation type - either moist acidic tundra (MAT) or shrub tundra (ST) - there are numerous transects within each vegetation type |
| profile  | Experimental Level 3                        | L3            | This represents a core – there are usually 3 soil cores in a transect  |
| profile  | Treatment_1_level                           | tx_L1         | Anatuvik River Fire (ARF) sites are burned   |

### files processed:

| type             | filename                                   |
|------------------|--|
| provided data    | ARC_Soil_Incub_individual_cores_XJWb.csv   |
| homogenized data | ARC_Soil_Incub_individual_cores_XJWb_HMGZD |

### QC results: location data

location data checks passed

### QC results: profile data, data range

| var     | min      | max  | minValue | maxValue | error        |
|---------|----------|------|----------|----------|--------------|
| bd_samp | 0.002836 | 1.42 | 0.1      | 2        | out of range |

### QC results: profile data, data type

profile data type checks passed