Sites

TerraLID ID

ID and name: SI0 terralid_site_id
Provided by: TerraLID system
Obligation: mandatory
Occurrences: 1
Definition: The ID of the site in the TerraLID database.
Allowed values and other constraints: t.b.d.
Example: t.b.d.

1. Site name

ID and name: SI1 site_name
Provided by: data provider
Obligation: mandatory
Occurrences: 1
Definition: The name of the locality/site or "unknown". Details about the locality should be provided in `SI5.3 Description`. If the locality belongs to a cluster and/or site complex, enter its name in `SI9 Keywords`.
Allowed values and other constraints: free text. If the site is unknown, value is "unknown" and `SI2 Project name` must be provided.
Example: Agrileza

2. Project name

ID and name: SI2 project_name
Provided by: data provider
Obligation: recommended
Occurrences: 0–1
Definition: The name of the project.
Allowed values and other constraints: free text. Must be provided if `SI1 Site name` has value "unknown".
Example: The Dreamland University Archaeometallurgy project.

3. Project context

ID and name: SI3 project_context
Provided by: data provider
Obligation: recommended
Occurrences: 0–1
Definition: A brief summary of the main aims and objectives of the research (or alternative process). May include a

link e.g. the project's webpage.
Allowed values and other constraints: free text
Example: Excavation of an ore washing site.

4. Site identifier

ID and name: SI4 site_pid
Provided by: Data provider
Obligation: recommended
Occurrences: 0–n
Definition: The site's persistent identifier in one or more of the data infrastructures listed in `SI4.2 Type`.

with the two subproperties:

4.1 Value

ID and name: SI4.1 site_pid_value
Provided by: data provider
Obligation: mandatory
Occurrences: 1
Definition: The value of the persistent identifier.
Allowed values and other constraints: valid persistent identifier according to the associated data infrastructure in `SI4.2 Type`.
Example: Q129256661

4.2 Type

ID and name: SI4.2 site_pid_type
Provided by: data provider
Obligation: mandatory
Occurrences: 1
Definition: The name of the data infrastructure.
Allowed values and other constraints: controlled vocabulary

5. Geolocation

ID and name: SI5 site_geolocation
Provided by: data provider
Obligation: mandatory
Occurrences: 1
Definition: Information about the (approximate) location of the object or site it was found. All coordinates must be given in the WGS 84 coordinate system and as decimal numbers. If the exact site location is unknown or must not be revealed, a polygon or boundary box must be used to delineate an area of sufficient precision around the site location.

Subproperties of Geolocation are:

5.1 Point

ID and name: SI5.1 site_geolocation_point
Provided by: data provider
Obligation: recommended
Occurrences: 0–1
Definition: A point location in space.

with the two subproperties:

5.1.1 Longitude

ID and name: SI5.1.1 site_geolocation_point_longitude
Provided by: data provider
Obligation: mandatory
Occurrences: 1
Definition: The longitudinal dimension of a point.
Allowed values and other constraints: decimal number, between -180 and 180
Example: 7.21685

5.1.2 Latitude

ID and name: SI5.1.2 site_geolocation_point_latitude
Provided by: data provider
Obligation: mandatory
Occurrences: 1
Definition: The latitudinal dimension of a point.
Allowed values and other constraints: decimal number, between -90 and 90
Example: 51.48867

5.2 Boundary box

ID and name: SI5.2 site_geolocation_box
Provided by: data provider
Obligation: recommended
Occurrences: 0–1
Definition: The spatial limits of a box.

with the four subproperties:

5.2.1 Western boundary

ID and name: SI5.2.1 site_geolocation_box_west
Provided by: data provider
Obligation: mandatory
Occurrences: 1

Definition: The western longitudinal dimension of the box.

Allowed values and other constraints: decimal number, between -180 and 180

Example: 21.02

5.2.2 Eastern boundary

ID and name: SI5.2.2 site_geolocation_box_east

Provided by: data provider

Obligation: mandatory

Occurrences: 1

Definition: The eastern longitudinal dimension of the box.

Allowed values and other constraints: decimal number, between -180 and 180

Example: 21.05

5.2.3 Southern boundary

ID and name: SI5.2.3 site_geolocation_box_south

Provided by: data provider

Obligation: mandatory

Occurrences: 1

Definition: The southern latitudinal dimension of the box.

Allowed values and other constraints: decimal number, between -90 and 90

Example: 40.23

5.2.4 Northern boundary

ID and name: SI5.2.4 site_geolocation_box_north

Provided by: data provider

Obligation: mandatory

Occurrences: 1

Definition: The northern latitudinal dimension of the box.

Allowed values and other constraints: decimal number, between -90 and 90

Example: 40.53

5.3 Description

ID and name: SI5.3 site_geolocation_description

Provided by: data provider

Obligation: optional

Occurrences: 0–1

Definition: Further information about the site such as a description. If the site's exact location cannot be given, this must include a reasoning why and information about the level of precision.

Allowed values and other constraints: free text

Example: Entire valley given to obfuscate exact location of site as protection against illicit excavations; Area of Saudi-Arabia recorded as location because more precise information not available.

5.4 Polygon

ID and name: SI5.4 site_geolocation_polygon
Provided by: data provider
Obligation: recommended
Occurrences: 0–1
Definition: A drawn polygon area, defined by a set of points and lines connecting the points in a closed chain. At least four points must be recorded. The last point must be identical with the first point to close the polygon.

with the subproperty:

5.4.1 Polygon point data

ID and name: SI5.4.1 site_geolocation_polygon_point
Provided by: data provider
Obligation: mandatory
Occurrences: 1–n
Definition: A point marking an edge of the polygon.

with the two subproperties

5.4.1.1 LONGITUDE

ID and name: SI5.4.1.1 site_geolocation_polygon_point_longitude
Provided by: data provider
Obligation: mandatory
Occurrences: 1
Definition: The longitudinal dimension of a point.
Allowed values and other constraints: decimal number, between -180 and 180
Example: 7.21685

5.4.1.2 LATITUDE

ID and name: SI5.4.1.2 site_geolocation_polygon_point_latitude
Provided by: data provider
Obligation: mandatory
Occurrences: 1
Definition: The latitudinal dimension of a point.
Allowed values and other constraints: decimal number, between -90 and 90
Example: 51.48867

6. Registry

ID and name: SI6 site_registry
Provided by: data provider
Obligation: mandatory
Occurrences: 1
Definition: The entry of the site in the registry of the local authority (e.g., heritage authority, geological survey).

with the two subproperties:

6.1 Registry ID

ID and name: SI6.1 site_registry_id
Provided by: data provider
Obligation: recommended
Occurrences: 0–1
Definition: The site's identifier in the registry of the local authority.
Allowed values and other constraints: free text
Example: t.b.d.

6.2 Registry name

ID and name: SI6.2 site_registry_name
Provided by: data provider
Obligation: mandatory
Occurrences: 1
Definition: The name of the registry of the local authority.
Allowed values and other constraints: free text
Example: t.b.d.

7. Dating

ID and name: SI7 site_date
Provided by: data provider
Obligation: recommended
Occurrences: 0–1
Definition: The time period represented by the site.

with the eight subproperties:

7.1 Persistent identifier

ID and name: B3.1 date_pid
Provided by: data provider
Obligation: recommended
Occurrences: 0–n

with the two subproperties:

7.1.1 VALUE

ID and name: B3.1.1 date_pid_value
Provided by: data provider
Obligation: mandatory
Occurrences: 1
Definition: The value of the persistent identifier.

Allowed values and other constraints: The period's persistent identifier in one or more of the data infrastructures listed in `B3.1.2 Type` .
Example: 99152/p0qhb66vvth

ID and name: B3.1.2 date_pid_type
Provided by: data provider
Obligation: mandatory
Occurrences: 1
Definition: The name of the data infrastructure.
Allowed values and other constraints: controlled vocabulary

7.2 Date type

ID and name: B3.2 date_type
Provided by: data provider
Obligation: mandatory
Occurrences: 1–n
Definition: Is this an archaeological or geological age? Archaeological dates must be given in calendar years, with BCE dates as negative values. Geological dates must be given in million years.
Allowed values and other constraints: geological, archaeological
Example: archaeological

7.3 Absolute Date

ID and name: B3.3 date_absolute
Provided by: data provider, API
Obligation: recommended
Occurrences: 0–1
Definition: The absolute date of a point in time or period in years before or after common era. Values in BCE are reported as negative values. If the absolute date is given with an uncertainty such as 450 +/- 50 BC, start and end date mark the lower and upper limit of the date range, i.e. -500 and -400.

with the four subproperties:

7.3.1 START

ID and name: B3.3.1 date_absolute_start
Provided by: data provider, API
Obligation: mandatory
Occurrences: 1
Definition: The oldest possible date of the period.
Allowed values and other constraints: integer
Example: -15

7.3.2 END

ID and name: B3.3.2 date_absolute_end
Provided by: data provider, API

Obligation: recommended
Occurrences: 0–1
Definition: The youngest possible date of the period.
Allowed values and other constraints: integer
Example: 15

7.3.3 DATING METHOD

ID and name: B3.3.3 date_absolute_method
Provided by: data provider
Obligation: mandatory
Occurrences: 1–n
Definition: The method used to determine the absolute date.
Allowed values and other constraints: controlled vocabulary

7.3.4 UNIT OF DATE

ID and name: B3.3.4 date_absolute_unit
Provided by: TerraLID system
Obligation: mandatory
Occurrences: 1
Definition: The unit of the date.
Allowed values and other constraints: a, Ma
Example: a

7.4 Relative Date

ID and name: B3.4 date_relative
Provided by: data provider, API
Obligation: recommended
Occurrences: 0–1
Definition: The relative date of a point in time or period.

with the two subproperties:

7.4.1 CHRONOLOGICAL UNIT

ID and name: B3.4.1 date_relative_period
Provided by: data provider, API
Obligation: mandatory
Occurrences: 1
Definition: The relative date expressed as a chronological unit.
Allowed values and other constraints: controlled vocabulary

7.4.2 DATING METHOD

ID and name: B3.4.2 date_relative_method
Provided by: data provider
Obligation: mandatory
Occurrences: 1–n

Definition: The method used to determine the relative date.
Allowed values and other constraints: controlled vocabulary

7.5 Cultural unit

ID and name: B3.5 date_archaeo_cultural
Provided by: data provider
Obligation: optional
Occurrences: 0–n
Definition: Relevant cultural and user created labels for the relative date of the item.
Allowed values and other constraints: free text, only available if `B3.2 Date type` = "archaeological".
Example: Roman

7.6 Orogenesis

ID and name: B3.6 date_geol_orogensis
Provided by: data provider
Obligation: recommended
Occurrences: 0–1
Definition: The relative date expressed as anorogenic event.
Allowed values and other constraints: controlled vocabulary, only available if `B3.2 Date type` = "geological".

7.7 Definition of chronological unit

ID and name: B3.7 date_relative_reference
Provided by: data provider
Obligation: recommended
Occurrences: 0–n
Definition: The reference defining the relative date or period.

with the five subproperties:

7.7.1 Persistent Identifier

ID and name: B5.1 relation_pid
Provided by: data provider
Obligation: recommended
Occurrences: 0–n
Definition: The persistent identifier or TerraLID ID associated with a resource or related research output. If referring to another entity in the TerraLID database, the TerraLID identifier must be used.

with the two subproperties:

7.7.1.1 Value

ID and name: B5.1.1 relation_pid_value
Provided by: data provider
Obligation: mandatory
Occurrences: 1
Definition: Value of the persistent identifier or TerraLID ID.

Allowed values and other constraints: valid persistent identifier according to the options listed in `B5.1.2 Type`.
Example: 10.60510/ICDP5054ESYI201

ID and name: B5.1.2 relation_pid_type
Provided by: data provider
Obligation: mandatory
Occurrences: 1
Definition: The type of the identifier.
Allowed values and other constraints: controlled vocabulary

7.7.2 Full reference

ID and name: B5.2 relation_text
Provided by: data provider, API (DOI)
Obligation: recommended
Occurrences: 0–1
Definition: The full reference of a publication.
Allowed values and other constraints: free text
Example: Palinkaš, L. A., 1985, Lead isotope patterns in galenas from some selected ore deposits in Croatia and NW Bosnia, Geološki Vjesnik, 38, 175–89.

7.7.3 Kind of relation

ID and name: B5.3 relation_kind
Provided by: data provider
Obligation: mandatory
Occurrences: 1–n
Definition: Relationship between item and the research output.
Allowed values and other constraints: controlled vocabulary

7.7.4 Type of resource

ID and name: B5.4 relation_resource
Provided by: data provider
Obligation: mandatory
Occurrences: 1–n
Definition: Type of resource or research output.
Allowed values and other constraints: controlled vocabulary

7.7.5 Additional details

ID and name: B5.5 relation_detail
Provided by: data provider
Obligation: optional
Occurrences: 0–n
Definition: Additional information about the relation, e.g., if the related work addresses a specific aspect of the item (e.g., the geological setting).

Allowed values and other constraints: free text
Example: Information about the dating of the site.

8. Site type

ID and name: SI8 site_type
Provided by: data provider
Obligation: mandatory
Occurrences: 1–n
Definition: The type of the site, geological or how it was used by humans.
Allowed values and other constraints: controlled vocabulary

9. Keywords

ID and name: SI9 site_keywords
Provided by: data provider
Obligation: recommended
Occurrences: 0–1
Definition: Keywords to further characterise the site. This includes any overarching complexes or clusters the site is part of.
Allowed values and other constraints: free text
Example: ore beneficiation, Laurion

10. Project dates

ID and name: SI10 project_date
Provided by: data provider
Obligation: mandatory
Occurrences: 1
Definition: The date of the investigation or project in which the site was/is studied.

with the two subproperties:

10.1 Start date

ID and name: SI10.1 project_date_start
Provided by: data provider
Obligation: mandatory
Occurrences: 1–n
Definition: Start date of the investigation or project in which the site was studied and sampled.
Allowed values and other constraints: date formatted as YYYY-MM-DD
Example: 1980-01-15

10.2 End date

ID and name: SI10.2 project_date_end
Provided by: data provider
Obligation: recommended
Occurrences: 0–n
Definition: End date of the investigation or project in which the site was/is studied and sampled, if known. Leave empty if investigation is still ongoing at the time of data entry.
Allowed values and other constraints: date formatted as YYYY-MM-DD
Example: 2000-04-20

11. Relations

ID and name: SI11 site_relation
Provided by: data provider
Obligation: recommended
Occurrences: 0–n
Definition: Information about related entities, including assemblages belonging to the site, and other research output such as publications providing relevant information about the site. This includes any literature from which information about the site was extracted.

with the five subproperties:

11.1 Persistent Identifier

ID and name: B5.1 relation_pid
Provided by: data provider
Obligation: recommended
Occurrences: 0–n
Definition: The persistent identifier or TerraLID ID associated with a resource or related research output. If referring to another entity in the TerraLID database, the TerraLID identifier must be used.

with the two subproperties:

11.1.1 VALUE

ID and name: B5.1.1 relation_pid_value
Provided by: data provider
Obligation: mandatory
Occurrences: 1
Definition: Value of the persistent identifier or TerraLID ID.
Allowed values and other constraints: valid persistent identifier according to the options listed in `B5.1.2 Type`.
Example: 10.60510/ICDP5054ESYI201

11.1.2 TYPE

ID and name: B5.1.2 relation_pid_type
Provided by: data provider
Obligation: mandatory
Occurrences: 1

Definition: The type of the identifier.
Allowed values and other constraints: controlled vocabulary

11.2 Full reference

ID and name: B5.2 relation_text
Provided by: data provider, API (DOI)
Obligation: recommended
Occurrences: 0–1
Definition: The full reference of a publication.
Allowed values and other constraints: free text
Example: Palinkaš, L. A., 1985, Lead isotope patterns in galenas from some selected ore deposits in Croatia and NW Bosnia, Geološki Vjesnik, 38, 175–89.

11.3 Kind of relation

ID and name: B5.3 relation_kind
Provided by: data provider
Obligation: mandatory
Occurrences: 1–n
Definition: Relationship between item and the research output.
Allowed values and other constraints: controlled vocabulary

11.4 Type of resource

ID and name: B5.4 relation_resource
Provided by: data provider
Obligation: mandatory
Occurrences: 1–n
Definition: Type of resource or research output.
Allowed values and other constraints: controlled vocabulary

11.5 Additional details

ID and name: B5.5 relation_detail
Provided by: data provider
Obligation: optional
Occurrences: 0–n
Definition: Additional information about the relation, e.g., if the related work addresses a specific aspect of the item (e.g., the geological setting).
Allowed values and other constraints: free text
Example: Information about the dating of the site.