

Mapping between the ANZLIC Metadata Profile and the AGLS Metadata Standard

References used to assist preparation of the mapping between AGLS and ANZLIC:

- [1] ANZLIC Metadata Profile (v1.0, December 2006)
- [2] AS/NZS ISO 19115:2005, *Geographic information — Metadata*
- [3] ISO 19115:2003/Cor.1:2006, *Geographic information — Metadata — Technical Corrigendum 1*
- [4] AS 5044, *AGLS Metadata Standard* (2008 draft)
- [5] I.S. CWA 14857:2003, *Mapping between Dublin Core and ISO 19115, “Geographic information — Metadata”*

I.S. Irish Standard
CEN European Committee for Standardization
CWA CEN Workshop Agreement

NOTES:

AGLS is currently being updated and the following changes reflect the new AGLS due for release early in 2009. NZGLS is not changing and any references to NZGLS have been removed from this document.

- AGLS obligations have been sourced from the Australian Standard AS 5044 (and not the AGLS Australian Government Implementation Manual which is derived from the standard).
- When creating AGLS metadata from ANZLIC, one or more mapping options are provided for each of the properties.
- Creating ANZLIC metadata from AGLS does not meet the minimum requirements for ANZLIC and will not necessarily result in a compliant ANZLIC metadata. This is due to the ANZLIC Metadata Profile being more detailed and complex than the AGLS metadata properties set.

Explanation of symbols used in the following table:

- ← Mapping from ANZLIC Metadata Profile to AGLS only
- Mapping from AGLS to ANZLIC Metadata Profile only
- ↔ Mapping available both ways (from ANZLIC Metadata Profile to AGLS and vice versa)
- >> Indicates that multiple path options are available to map to the metadata element (pathways are illustrated in the UML diagrams)

AGLS ¹	ANZLIC METADATA PROFILE			
Property and obligation	Path (as represented in the ISO 19115 UML diagrams)	Mapping	ANZLIC ² obligation	Explanatory notes
creator Mandatory	Dataset responsible party			
	MD_Metadata.identificationInfo > MD_DataIdentification.pointOfContact > CI_ResponsibleParty [where role = 'originator' or 'resourceProvider' or 'principalInvestigator']	←	Optional	No AGLS qualifier exists for Creator.
	MD_Metadata.identificationInfo > MD_DataIdentification.citation > CI_Citation.citedResponsibleParty > CI_ResponsibleParty [when role = 'originator' or 'resourceProvider' or 'principalInvestigator']	↔	Optional	No AGLS qualifier exists for Creator.
date Mandatory unless a related property is used	Dataset reference date			
	MD_Metadata.identificationInfo > MD_DataIdentification.citation > CI_Citation.date > CI_Date.date and .dateType	↔	Mandatory	If AGLS date property alone is used then the value is taken to be the creation date and ANZLIC dateType will be 'creation'.
available Optional (may be used in place of <i>date</i>)	Dataset reference date (dateType = 'publication')			
	MD_Metadata.identificationInfo > MD_DataIdentification.citation > CI_Citation.date > CI_Date.date and .dateType = 'publication' MD_Metadata.distributionInfo > MD_Distribution >> MD_Distributor.distributionOrderProcess > MD_StandardOrderProcess.plannedAvailableDateTime > DateTime	←	Optional	Limited mapping from ANZLIC to AGLS
created Optional (may be used in place of <i>date</i>)	Dataset reference date (dateType = 'creation')			
	MD_Metadata.identificationInfo > MD_DataIdentification.citation > CI_Citation.date > CI_Date.date and dateType = 'creation'	↔	Optional	

¹ The AGLS metadata properties and their associated obligations have been sourced from the October 2008 draft of Australian Standard AS 5044, *AGLS Metadata Standard*.

² Obligations in AS/NZS ISO 19115 are categorised as Mandatory, Conditional or Optional.

AGLS ¹	ANZLIC METADATA PROFILE			
Property and obligation	Path (as represented in the ISO 19115 UML diagrams)	Mapping	ANZLIC ² obligation	Explanatory notes
dateCopyrighted Optional (may be used in place of <i>date</i>)	Constraint information date			
	MD_Metadata.identificationInfo > MD_DataIdentification.resourceConstraints > MD_LegalConstraints.accessConstraints = 'copyright' or useConstraints = 'copyright' and useLimitations contains a date	↔	Optional	Note: useLimitations is a free text field and this condition only applies for this mapping when a date is in the free text When mapping from AGLS to ANZLIC, the date goes into the useLimitations field which is free text
dateLicensed Optional (may be used in place of <i>date</i>)	Dataset reference date			
	MD_Metadata.identificationInfo > MD_DataIdentification.resourceConstraints > MD_LegalConstraints.accessConstraints = 'license' or useConstraints = 'license' and useLimitations contains a date	↔	Optional	Note: useLimitations is a free text field and this condition only applies for this mapping when a date is in the free text When mapping from AGLS to ANZLIC, the date goes into the useLimitations field which is free text
issued Optional (may be used in place of <i>date</i>)	Dataset reference date			
	MD_Metadata.identificationInfo > MD_DataIdentification.citation > CI_Citation.date > CI_Date.date and .dateType = 'publication'	↔	Optional	
MD_Metadata.distributionInfo > MD_Distribution >> MD_Distributor.distributionOrderProcess > MD_StandardOrderProcess.plannedAvailableDateTime > DateTime	←	Optional	Limited mapping from ANZLIC to AGLS	

AGLS ¹	ANZLIC METADATA PROFILE			
Property and obligation	Path (as represented in the ISO 19115 UML diagrams)	Mapping	ANZLIC ² obligation	Explanatory notes
modified (may be used in place of <i>date</i>) Optional	Dataset reference date (dateType = 'revision')			
	MD_Metadata.identificationInfo > MD_DataIdentification.citation > CI_Citation.date > CI_Date.date and .dateType = 'revision'	↔	Optional	
valid Optional (may be used in place of <i>date</i>)				
	MD_Metadata.distributionInfo > MD_Distribution >> MD_Distributor.distributionOrderProcess > MD_StandardOrderProcess.plannedAvailableDateTime > DateTime	←	Optional	Limited mapping from ANZLIC to AGLS

description Recommended	Abstract describing the data			
	MD_Metadata.identificationInfo > MD_DataIdentification.abstract	↔	Mandatory	Used when describing abstracts if no AGLS syntax encoding scheme.
	MD_Metadata.identificationInfo > MD_DataIdentification.graphicOverview > MD_BrowseGraphic.fileName	←	Optional	Used when describing graphics, i.e. a graphic that provides an illustration of the data (e.g. a thumbnail graphic) in AGLS-XML syntax only if the value is a binary data rich representation (dcx:binaryRepresentation).
title Mandatory	Dataset title			
	MD_Metadata.identificationInfo > MD_DataIdentification.citation > CI_Citation.title	↔	Mandatory	This mapping is the preferred option.
alternative Optional	Alternate Dataset title			
	MD_Metadata.identificationInfo > MD_DataIdentification.citation > CI_Citation.alternateTitle	↔	Optional	

type	Representation form			
Recommended	MD_Metadata.heirarchyLevel > MD_ScopeCode	←	Mandatory unless describing a 'dataset'	This mapping is the preferred option. When mapping from ANZLIC to AGLS set the scheme to be the URL for the ISO 19115 MD_ScopeCode codelist. Available ISO 19115 values ³ include: attribute, attributeType, collectionHardware, collectionSession, dataset, series, nonGeographicDataset, dimensionGroup, feature, featureType, propertyType, fieldSession, software, service, model, tile.
	MD_Metadata.identificationInfo > MD_DataIdentification.spatialRepresentationType > MD_SpatialRepresentationTypeCode	←	Optional	When mapping from ANZLIC to AGLS set the scheme to be the URL for the ISO 19115 MD_SpatialRepresentationTypeCode codelist. Available values for MD_SpatialRepresentationTypeCode code list ⁴ : 'vector', 'grid', 'textTable', 'tin', 'stereoModel', 'video'.
aggregationLevel Optional	<no mapping available>			
category Optional	<no mapping available>			
documentType Optional	MD_Metadata.identificationInfo > MD_DataIdentification.citation > CI_Citation.presentationForm > CI_PresentationFormCode	←	Optional	When mapping from ANZLIC to AGLS set the scheme to be the URL for the ISO 19115 CI_PresentationFormCode codelist. Available values for CI_PresentationFormCode code list: 'documentDigital', 'documentHardcopy', 'imageDigital', 'imageHardcopy', 'mapDigital', 'mapHardcopy', 'modelDigital', 'modelHardcopy', 'profileDigital', 'profileHardcopy', 'tableDigital', 'tableHardcopy', 'videoDigital' and 'videoHardcopy'.
serviceType Optional	<no mapping available>			
function Recommended if <i>subject</i> property is not used.	<no mapping available>			
subject Recommended if <i>function</i> property is not used.	Keywords			
	MD_Metadata.identificationInfo > MD_DataIdentification.topicCategory > MD_TopicCategoryCode	←	Conditional	If the ANZLIC hierarchyLevel element is not equal to 'dataset' or 'series' implies that topicCategory is not mandatory. When mapping from ANZLIC to AGLS set the scheme to

³ Values sourced from Clause B.2.25 MD_ScopeCode <<CodeList>>, Annex B, AS/NZS ISO 19115:2005. Note: this list is not exhaustive and can be extended if required.

⁴ Values sourced from Clause B.5.26 MD_Spatial RepresentationTypeCode <<CodeList>>, Annex B, AS/NZS ISO 19115:2005. Note: this list is not exhaustive and can be extended if required.

				be the URL for the ISO 19115 MD_TopicCategoryCode enumeration.
	MD_Metadata.identificationInfo > MD_DataIdentification.descriptiveKeywords > MD_Keywords.keyword	↔	Optional	When mapping from ANZLIC to AGLS set the scheme to be the URL for the thesaurus (or controlled vocabulary). If 'type' exists in ANZLIC then 'type' must = 'discipline' or 'theme'. When mapping from AGLS to ANZLIC and a controlled vocabulary is used then set the thesaurusName.CI_Citation.title to be the vocabulary encoding scheme.
availability Conditional (mandatory for offline resources) NOTE: (i) Insufficient qualifiers to determine mapping from AGLS to ANZLIC. (ii) For online resources provide URI for AGLS Identifier property.	Distribution			
	MD_Metadata.distributionInfo > MD_Distribution.distributor > MD_Distributor.distributorContact > CI_ResponsibleParty	←	Optional	
	MD_Metadata.distributionInfo > MD_Distribution.distributor > MD_Distributor.distributionOrderProcess > MD_StandardOrderProcess.orderingInstructions or MD_StandardOrderProcess.fees or MD_StandardOrderProcess.turnaround	←	Optional	
	MD_Metadata.identificationInfo >> .pointOfContact > CI_ResponsibleParty	←	Optional	This element can be mapped via MD_DataIdentification or SV_ServiceIdentification.
	MD_Metadata.identificationInfo >> .citation > CI_Citation.citedResponsibleParty > CI_ResponsibleParty [when role = 'distributor' or 'resourceProvider' or 'pointOfContact']	←	Optional	This element can be mapped via MD_DataIdentification or SV_ServiceIdentification.
	MD_Metadata.contact > CI_ResponsibleParty.individualName or CI_ResponsibleParty.positionName or CI_ResponsibleParty.organisationName	←	Mandatory	If resource point of contact or cited responsible party are not provided then use this option.

identifier	Resource URI			
Conditional (mandatory for online resources)	MD_Metadata.dataSetURI	↔	Optional	This option is preferred for online resources. ANZLIC metadata record must be completed in order to comply with the minimum AGLS requirement.
	MD_Metadata.distributionInfo > MD_Distribution.>> MD_DigitalTransferOptions.onLine > CI_OnlineResource.linkage	←	Optional	Use for online resources where the URL for accessing the resource is provided. This element can be mapped via MD_Distribution.distributionFormat or MD_Distribution.distributor or MD_Distribution.transferOptions.
	MD_Metadata.identificationInfo > MD_DataIdentification.citation > CI_Citation.ISBN or CI_Citation.ISSN	↔	Optional	Use for publications where an ISBN or ISSN is provided. NOTE: (i) When mapping from AGLS to ANZLIC: if AGLS element 'identifier' includes 'ISBN' or 'ISSN' in character string, or declares ISBN or ISSN as the encoding scheme then map to the ISO19115 'ISBN' or 'ISSN' respectively. (ii) When mapping from ANZLIC to ensure that 'ISBN' or 'ISSN' are included in the character string, otherwise declare ISBN or ISSN as the encoding scheme.
	MD_Metadata.identificationInfo >> .citation > CI_Citation.identifier > MD_Identifier.code	↔	Optional	Use this option when mapping from AGLS to ANZLIC, and no URI, URL, ISBN or ISSN has been provided. This element can be mapped via MD_DataIdentification or SV_ServiceIdentification.
bibliographicCitation Optional	MD_Metadata.identificationInfo > MD_DataIdentification.citation > CI_Citation.otherCitationDetails	→	Optional	Possible that the mapping from AGLS to ANZLIC may result in duplicate information.
publisher	Resource responsible party			
Conditional (mandatory for information resources, optional for descriptions of services)	MD_Metadata.identificationInfo > MD_DataIdentification.citation > CI_Citation.citedResponsibleParty > CI_ResponsibleParty [where role = 'publisher' or 'distributor' or 'resourceProvider']	← where role = 'resource Provider' or ↔ where role = 'distributor' or 'publisher'	Optional	When resource is described as a 'service' then two way mapping is possible where ANZLIC role = 'distributor' and AGLS property = 'publisher'.
	MD_Metadata.identificationInfo > MD_DataIdentification.pointOfContact > CI_ResponsibleParty [where role = 'publisher']	↔	Optional	Identification of the <i>Publisher</i> would need to be included. As ANZLIC pointOfContact is not necessarily the same as AGLS Publisher, then its only possible to map one way from ANZLIC to AGLS.

	MD_Metadata.contact > CI_ResponsibleParty.individualName or CI_ResponsibleParty.positionName or CI_ResponsibleParty.organisationName	←	Mandatory	If resource pointOfContact or citedResponsibleParty are not provided then use this option.
audience Optional	User			
	MD_Metadata.identificationInfo > MD_DataIdentification.citation > CI_Citation.citedResponsibleParty > CI_ResponsibleParty.individualName or CI_ResponsibleParty.organisationName or CI_ResponsibleParty.positionName [when role = 'user']	←	Optional	These mappings are not ideal; however, constraints is probably the best option available.
coverage Optional	Geographic Extent			
	MD_Metadata.identificationInfo > MD_DataIdentification.extent > EX_Extent.geographicElement > EX_GeographicDescription.geographicIdentifier > MD_Identifier.code	↔	Conditional, if Geographic Bounding Box not provided; and describing a 'dataset'	Use where AGLS Coverage qualifier = 'spatial' and subject to the encoding scheme having latitude/longitude values. Not possible to map unqualified AGLS Coverage property to ANZLIC and must be qualified by a recognised ANZLIC encoding scheme. Mapping both ways is possible where AGLS qualifier = 'spatial' and providing the encoding scheme has latitude/longitude values. Reference to qualifiers, including scheme attribution, is essential when mapping from ANZLIC to AGLS.
jurisdiction Optional		→	<u>Optional</u>	If using AGLS jurisdiction vocabulary encoding schema except for some values, these values will be mapped to "Australia" : Australia Antarctic Territories, Norfolk Is, Indian Ocean Territories
		←	Optional	ANZLIC jurisdictions can map to free text in AGLS ie no vocabulary encoding scheme
		↔	Optional	AGLS encoded in xml using ANZLIC encoding schema http://asdd.ga.gov.au/asdd/profileinfo/anzlic-jurisdic.xml
temporal				

Optional	MD_Metadata.identificationInfo > MD_DataIdentification.extent > EX_Extent.temporalElement > EX_TemporalExtent.extent > TM_Primitive	↔	Optional	Mapping both ways is only possible when the values representing date and time comply with the ISO 8601 scheme.
spatial Optional	Geographic Extent			
	MD_MetadataIdentification > MD_DataIdentification.extent > EX_Extent.geographicElement > EX_BoundingPolygon.polygon > GM_Object	←	Optional	Reference to EPSG syntax encoding scheme is essential when mapping from ANZLIC to AGLS. The bounding polygon is represented by a string of lat/long coordinates where the first coordinate equals the last coordinate.
	MD_MetadataIdentification > MD_DataIdentification.extent > EX_Extent.verticalElement > EX_VerticalExtent.minimumValue and .maximumValue and .verticalCRS...	←	Optional	Reference to EPSG syntax encoding scheme attribution, is essential when mapping from ANZLIC to AGLS. Refer to ISO 19111 for definition of verticalCRS.
	MD_MetadataIdentification > MD_DataIdentification.extent > EX_Extent.geographicElement > EX_GeographicBoundingBox.westBoundLongitude and .eastBoundLongitude and .southBoundLatitude and .northBoundLatitude	←	Conditional, if describing a 'dataset' and geographic Description is not used	(i) use where AGLS Coverage qualifier = 'spatial' (ii) reference to qualifiers, including scheme attribution, is essential when mapping from ANZLIC to AGLS when mapping from ANZLIC to AGLS, add W, E, S, N to coordinates using DCMI box syntax encoding scheme

	MD_Metadata.identificationInfo > MD_DataIdentification.extent > EX_Extent.geographicElement > EX_GeographicDescription.geographicIdentifier > MD_Identifier.code	↔	Conditional, if Geographic Bounding Box not provided; and describing a 'dataset'	Use where AGLS syntax encoding scheme is 'postcode'. Mapping both ways is possible if AGLS Postcode syntax encoding scheme is provided. Essential when mapping from ANZLIC to AGLS.
language Recommended where the language is not English.	Resource language			
	MD_Metadata.identificationInfo > MD_DataIdentification.language	↔	Mandatory	Variations exist between AGLS and ANZLIC as to how information provided for 'language' is recorded. AGLS recommend the use of RFC 4646 ⁵ (a combination of ISO 639-1 ⁶ and ISO 3166 ⁷) or ISO 639-3 ⁸ . ANZLIC is likely to use ISO 639-2 ⁹ or -3. Mapping is still valid both if AGLS uses ISO 639-2 or -3. Mapping from AGLS to ANZLIC is not possible if AGLS uses RFC 4646.
contributor Optional	Contributor			
	MD_Metadata.identificationInfo > MD_DataIdentification.credit	↔	Optional	The simplest option.
	MD_Metadata.identificationInfo > MD_DataIdentification.pointOfContact > CI_ResponsibleParty [where role = 'principalInvestigator' or 'processor' or 'resourceProvider']	←	Optional	
	MD_Metadata.identificationInfo > MD_DataIdentification.citation > CI_Citation.citedResponsibleParty > CI_ResponsibleParty [where role = 'principalInvestigator' or 'processor' or 'resourceProvider']	←	Optional	The appropriate value for <i>role</i> needs consideration when using CI_ResponsibleParty
format Optional	Distribution format			
	MD_Metadata.identificationInfo > MD_DataIdentification.resourceFormat > MD_Format.name and .version	←	Optional	Format in this context is equivalent to the native (or originating) file format of the resource. This format may

⁵ RFC 4646, *Tags for the identification of languages*, <<http://www.ietf.org/rfc/rfc4646.txt>>

⁶ ISO 639-1:2002, *Codes for the representation of names of languages — Part 1: Alpha-2 code*

⁷ ISO 3166, *Codes for the representation of names of countries and their subdivisions*

⁸ ISO 639-3:2007, *Codes for the representation of names of languages - Part 3: Alpha-3 code for comprehensive coverage of languages*

⁹ ISO 639-2:1998, *Codes for the representation of names of languages — Part 2: Alpha-3 code*. <<http://www.sil.org/iso639-3/>>

				not be available to the end user. When mapping from ANZLIC to AGLS, concatenate 'name' and 'version'.
	MD_Metadata.distributionInfo > MD_Distribution. >> MD_Format.name and .version	←	Optional	The format(s) that data is made available to end user. When using this option, ensure AGLS record has information recorded against the AGLS Availability property.
extent Optional	Distribution format			
	MD_Metadata.distributionInfo > MD_Distribution.transferOptions > MD_DigitalTransferOptions.transferSize	←	Optional	When mapping from ANZLIC to AGLS concatenate 'transferSize' and 'unitsOfDistribution'.
medium Optional	Distribution format			
	MD_Metadata.distributionInfo > MD_Distribution >> MD_Medium.name > MD_MediumNameCode	←	Optional	When mapping from ANZLIC to AGLS, in the first instance, set the scheme to be the URL for the ISO 19115 MD_MediumNameCode codelist. When using this option, ensure AGLS record has information recorded against the AGLS Availability property. AGLS and ANZLIC may use different abbreviations to describe the same medium; .
	MD_Metadata.distributionInfo > MD_Distribution >> MD_Medium.mediumNote	↔	Optional	
mandate Optional	Supplemental Information			
	MD_Metadata.identificationInfo > MD_DataIdentification.supplementalInformation	→	Optional	For AGLS, the value for Mandate might be set as a default within the agency/group.
act Optional	Supplemental Information			
	MD_Metadata.identificationInfo > MD_DataIdentification.supplementalInformation	→	Optional	For AGLS, the value for act might be set as a default within the agency/group.

case Optional	Supplemental Information			
	MD_Metadata.identificationInfo > MD_DataIdentification.supplementalInformation	→	Optional	For AGLS, the value for case might be set as a default within the agency/group.
regulation Optional	Supplemental Information			
	MD_Metadata.identificationInfo > MD_DataIdentification.supplementalInformation	→	Optional	For AGLS, the value for regulation might be set as a default within the agency/group.
relation Optional	Supplemental Information			
	MD_Metadata.identificationInfo > MD_DataIdentification.aggregationInfo > MD_AggregationInformation.aggregateDataSetIdentifier > MD_Identifier.code [where associationType = 'crossReference']	←	Optional	This is the preferred mapping
	MD_Metadata.identificationInfo > MD_DataIdentification.aggregationInfo > MD_AggregationInformation.aggregateDataSetIdentifier > MD_Identifier.code [where associationType = 'crossReference']	↔	Optional	Only maps where the value is a URI
conformsTo Optional	Supplemental Information			
				No mapping available
hasFormat Optional	Supplemental Information			
				No mapping available
hasPart Optional	Supplemental Information			
	MD_Metadata.identificationInfo > MD_DataIdentification.aggregationInfo > MD_AggregationInformation.aggregateDataSetIdentifier > MD_Identifier.code [where associationType = 'crossReference']	←	Optional	

	MD_Metadata.identificationInfo > MD_DataIdentification.aggregationInfo > MD_AggregationInformation.aggregateDataSetIdentifier > MD_Identifier.code [where associationType = 'crossReference']	↔	Optional	Only maps where the value is a URI
hasVersion Optional	Supplemental Information			
				No mapping available
isBasedOn Optional	Supplemental Information			
				No mapping available
isBasisFor Optional	Supplemental Information			
				No mapping available
isFormatOf Optional	Supplemental Information			
				No mapping available
isPartOf Optional	Supplemental Information			
	MD_Metadata.identificationInfo > MD_DataIdentification.aggregationInfo > MD_AggregationInformation.aggregateDataSetIdentifier > MD_Identifier.code [where associationType = 'largerWorkCitation']	←	Optional	
isReferencedBy Optional	Supplemental Information			
	MD_Metadata.identificationInfo > MD_DataIdentification.aggregationInfo > MD_AggregationInformation.aggregateDataSetIdentifier > MD_Identifier.code [where associationType = 'crossReference']	→	Optional	Only maps where the value is a URI
isReplacedBy Optional	Supplemental Information			
				No mapping available

isRequiredBy Optional	Supplemental Information			
				No mapping available
isVersionOf Optional	Supplemental Information			
				No mapping available
replaces Optional	Supplemental Information			
				No mapping available
references Optional	Supplemental Information			
	MD_Metadata.identificationInfo > MD_DataIdentification.aggregationInfo > MD_AggregationInformation.aggregateDataSetIdentifier > MD_Identifier.code [where associationType = 'crossReference']	→	Optional	Only maps where the value is a URI
requires Optional	Supplemental Information			
				No mapping available
rights Optional	Constraints			
	MD_Metadata.identificationInfo > MD_DataIdentification.resourceConstraints > MD_Constraints.useLimitation	↔	Optional	This is the only mapping from AGLS to ANZLIC
	MD_Metadata.identificationInfo > MD_DataIdentification.resourceConstraints > MD_LegalConstraints.accessConstraints > MD_RestrictionCode = 'Copyright' or 'InterlectualPropertyRights' or 'otherRestrictions'	←	Optional	
	MD_Metadata.identificationInfo > MD_DataIdentification.resourceConstraints > MD_LegalConstraints.useConstraints > MD_RestrictionCode = 'Copyright' or 'InterlectualPropertyRights' or 'otherRestrictions'	←	Optional	
	MD_Metadata.identificationInfo > MD_DataIdentification.resourceConstraints > MD_LegalConstraints.otherConstraints	←	Optional	Mapping from ANZLIC to AGLS will only occur when the restriction code is "Copyright" or 'InterlectualPropertyRights' or 'otherRestrictions' and there is content in otherConstraints
	MD_Metadata.identificationInfo > MD_DataIdentification.resourceConstraints > MD_SecurityConstraints.handlingDescription	←	Optional	

	MD_Metadata.identificationInfo > MD_DataIdentification.resourceConstraints > MD_SecurityConstraints.userNote	←	Optional	
	MD_Metadata.identificationInfo > MD_DataIdentification.resourceConstraints > MD_SecurityConstraints.classificationSystem	←	Optional	
accessRights Optional	Constraints			
	MD_Metadata.identificationInfo > MD_DataIdentification.resourceConstraints > MD_Constraints.useLimitation	→	Optional	
license Optional	Constraints			
	MD_Metadata.identificationInfo > MD_DataIdentification.resourceConstraints > MD_LegalConstraints.accessConstraints > MD_RestrictionCode = 'license' MD_Metadata.identificationInfo > MD_DataIdentification.accessConstraints > MD_LegalConstraints.useLimitation	←	Optional	Mapping from ANZLIC to AGLS will only occur when the restriction code is 'license' and there is content in the useLimitation or otherConstraints
	MD_Metadata.identificationInfo > MD_DataIdentification.resourceConstraints > MD_LegalConstraints.useConstraints > MD_RestrictionCode = 'license' MD_Metadata.identificationInfo > MD_DataIdentification.resourceConstraints > MD_LegalConstraints.useLimitation	↔	Optional	When mapping from AGLS to ANZLIC set the restriction code to 'license' and put the AGLS value in the useLimitation Mapping from ANZLIC to AGLS will only occur when the restriction code is 'license' and there is content in the useLimitation or otherConstraints Eg useLimitation = "http://creativecommons.org/licenses/by-nc-nd/2.5/au"
	MD_Metadata.identificationInfo > MD_DataIdentification.resourceConstraints > MD_LegalConstraints.otherConstraints	←	Optional	Mapping from ANZLIC to AGLS will only occur when the restriction code is 'license' and there is content in the useLimitation or otherConstraints
protectiveMarking Optional	Constraints			
	MD_Metadata.identificationInfo > MD_DataIdentification.resourceConstraints > MD_SecurityConstraints.classification > MD_ClassificationCode	←	Optional	
rightsHolder Optional	Resource responsible party			
	MD_Metadata.identificationInfo > MD_DataIdentification.citation > CI_Citation.citedResponsibleParty > CI_ResponsibleParty [where role = 'owner']	←	Optional	

source	Source			
Optional	MD_Metadata.dataQualityInfo > DQ_DataQuality.lineage > LI_Lineage.source > LI_Source.description	↔	Optional	This is the only mapping from AGLS to ANZLIC
	MD_Metadata.dataQualityInfo > DQ_DataQuality.lineage > LI_Lineage.source > LI_Source.sourceCitation > CI_Citation	←	Optional	
	MD_Metadata.identificationInfo > MD_DataIdentification.aggregationInfo > MD_AggregateInformation.aggregateDataSetIdentifier > MD_Identifier.code [where DS_AssociationTypeCode = 'source']	←	Optional	
	MD_Metadata.identificationInfo > MD_DataIdentification.aggregationInfo > MD_AggregateInformation.aggregateDataSetName > CI_Citation.title [where DS_AssociationTypeCode = 'source']	←	Optional	