Requirements for the MTG structure

Item	definition	Example
Concept	Knowledge unit, that encompasses the	
Concept	meaning of a preferred term and its	
	synonyms across all languages in the	
	thesaurus	
Preferred term	One preferred term in a given language, it	
Preferred term	will be selected from synonyms and	
	recommended to use	
term	An entry, which is an instance of a	
	preferred term or a synonym in one	
	language	
Facets	Guiding principle for categorizing terms to	Discipline, usage,
races	aid user to select terms	objects/processes.
Catagory	Named group of terms, organized	Minerals, Methods,
Category	according to a specific principle or	Realms, ect.
	discipline for management purposes	110011110, 001.
Relationship	Defined connections between concepts	Broader Term
Relationship	(symmetrical or asymmetrical)	Narrower Term
	ISO Standard	etc.
Doly hiororchy	Term can have more than one parent in a	ete.
Poly-hierarchy	given hierarchical relationship	
Cymonyma	Terms whose meanings are considered to	
Synonyms	be the same in wide range of context (ISO	
	Standard)	
Source language	Language of the country from where a	
Source language	term was first put to the dictionary.	
Language	Language of country/nation from where	German. Finnish
	the term comes from	German. Finnish
Author	Person who introduced term	
Definitions*	Reference(s)* or hyperlink to an external	
D. C	definition in a given language.	
References	References to literature, sources, standards	
C 1.	etc.	
Compound terms	A combined term representing a concept	
Descriptive	Descriptive part of a compound term,	Old, black, sandy,
Qualifier	narrowing the meaning of the main term.	
Quantitative Parameter		2x Age in Mio years
		Hardness
Grammatical forms	Various forms of the same word or term in	Deposit, deposits
	a given language, differing because of	
	grammatical reasons, for example having	
	different endings.	
Scope notes	Additional comments clarifying the	
	meaning of a preferred term	
Comments	For internal purposes	
	1 1	
Singular / Plural	A digative forms which facilitate accusting	Dolomitic limesters
Derivative qualifier for	Adjective forms which facilitate searching in non indexed documents	Dolomitic limestone
retrieval	in non indexed documents	

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Equivalent terms	Terms, equivalent in a narrow context	Equivalent stratigraphic units
Status flag	Describing the status (lapsed, abandoned) of the preferred term	
Abandoned terms	Terms, which have been used in the past, but now are regarded as incorrect.	Gotlandian, Alluvium.
Lapsed terms	Terms should no longer be used.	
External Classifications	Classification systems from outside the MTG group, regarding as national or international standards.	BGS Rock Classification Scheme
Period of validity	Only valid between given dates	Yugoslavia, changing classification
Abbreviation		Dgt = Givetian
Ordered list	Collection of terms, which have an sequential relationship to each other	Grainsize for detrital rocks, Scale of hardness
Formal / Informal		Formal: Jurassic
/unknown status		informal: PreCambrian, Tertiary
Homonyms	Words of the same spelling, but different meanings.	Pipe, Dike, Core, chimney, Gypsum, Dolomite
Distinguishing	An additional defining term also known as	Dolomite(rock)
Qualifier	"Gloss" associated with homonyms, and distinguishing between them, making them unique, typically separated by punctuating.	Dolomite(mineral)