

CHECKLIST
FOR
“GLOBAL HERITAGE STONE RESOURCE”
DESIGNATION

(Revised October 2014)

Formal Name for this proposed “Global Heritage Stone Resource”:

(This should be the commonly used name, not necessarily in the English language. Translations of formal names into other languages may also be suggested here)

Origin of Name (optional):

Stratigraphic (or Geological) Name:

(This should be formally defined in existing geological literature)

Commercial Designations:

(This should list the principal commercial name and any additional commercial names that are used to market the designated stone)

Other Names:

(This may include any other non-commercial, non-geological names given to different types or variants of the designated stone)

Inappropriate Use of Names

(Discuss, if desired, any incorrect use of the name(s) of the stone being designated)

Area of Occurrence:

(This means the geographic area where the designated stone occurs in nature; a general map will also be needed for publication)

Principal Location of Extraction Sites:

(This should specify active and abandoned quarries of the designated stone and their location. A detailed map may be necessary. One or several typical locations may be specified as a type quarry in the same way as a geological type section)

Production Details (optional)

(Details on the status and amount of stone production may be included if available and if desired)

Manufacturing information (optional)

(Details on the location of stone processing and whether it occurs primarily local, regional or international)

Geological Age and Geological Setting:

(Information on geological setting is optional but may include details of sedimentary basin/ fold belt, tectonic domain, igneous activity, metamorphism etc that place the designated stone in a wider geological perspective)

Petrographic Name and Characteristics:

(Technical name of stone as determined by geological assessment. Composition, variations, peculiarities, distinguishing macro- and microscopic mineralogical characteristics etc.as desired)

Primary Colour(s) and Aesthetics of Stone

(This include major colours, colour variations and descriptions of ways that a stone may be used aesthetically)

Natural Variability:

(Comment here on any natural variation in the designated stone)

Technical Properties:

(The characteristics listed below provide a guide only, some of which may be omitted, whilst others deemed important may be included)

Water Absorption Coefficient	Thermal Expansion Coefficient
Density (kg/m ³) (real and apparent)	Resistance to Salt Crystallisation (%)
Porosity (%) (total and open)	Frost Resistance
Compressive Strength – Dry (MPa)	Thermal Shock Resistance
Flexural Strength –Dry (MPa)	Slip Resistance
Breaking Load at dowell hole	Abrasion Resistance
Dynamic Modulus of elasticity	etc
Rupture Energy	

Suitability:

(This should provide an assessment on how the stone has been utilised, for example: cut building blocks, sculpting stone, roofing, monuments, polished decorative use, technological objects etc. A comment on stone quality may be useful for example sculpting stone that provides international reference)

Vulnerability and Maintenance of Supply:

(This should assess the availability of stone supply for future use and for the renovation/ extension of existing buildings and monuments, as well as the possibility of constraints on supply through conservation measures or resource depletion or other factors. Vulnerability of the stone to natural process such as weathering may also be considered)

Historic Use, Geographic Area of Utilisation, Commercial Diffusion:

(This should provide a brief general statement on the historic and geographic use of the stone especially in significant heritage or archaeological applications. Information on recent international exports may be included)

Buildings etc:

(This should provide an extensive list of the significant buildings, monuments, sculptures etc, that use the stone, especially the most famous, including dates of construction if available. Where the nominated stone is only part of the construction, for example, façade, floor, roof, decorations, superstructure, this should also be specified)

Related Heritage Issues

(This should include information on significant heritage issues that affect the designated stone for example, World Heritage status, Geopark linkage, alternative heritage listing of buildings/extraction areas associated with the stone, supporting museums or monuments, sculpture parks etc)

Other Designations (optional)

(Here it can be proposed that the stone may be assigned additional designations, for example the epithet ‘Classic World granite/marble/etc’, ‘Global Ornamental Stone’, ‘International Decorative Stone Icon’ etc)

Related Dimension Stones

(Discuss here any other dimension stones that are closely related geographically, geologically or utilised together with this stone or have similar aesthetical and/or functional properties. Under current draft rules it is possible to propose separately a “Global Heritage Stone Province”)

Principal Literature related to the Designated Stone

(List major scientific papers, books and popular literature dealing with the designated stone)

Images

(Images, historic photos and line illustrations will be needed for presentations and publications)

Any other items**Person(s)/ Organisation(s) involved in preparing nomination:****Date of Submission:**