

BAPHL 9 – Island of Instability Solution

Associated with this puzzle are 30 double-faced tiles in the style of Forbidden Island location tiles, with one side the unflooded (colorful) and one side flooded (washed out and blue).

Each location has a one- or two-word name which abbreviates to an elemental abbreviation (e.g. “Atolls undiscovered” = Au). The 30 tiles correspond to the elements in the first three rows of the d-block in the periodic table. Arranging the tiles in this fashion produces a 3x10 grid of tiles.

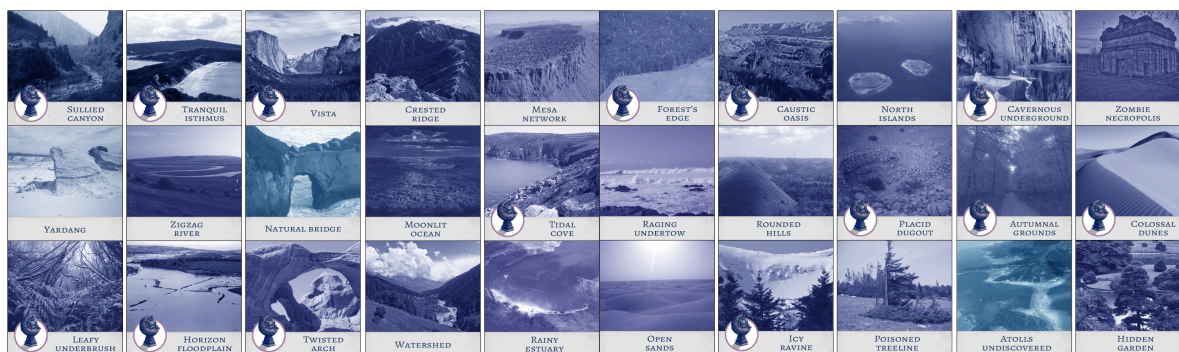
21 Sc Scandium	22 Ti Titanium	23 V Vanadium	24 Cr Chromium	25 Mn Manganese	26 Fe Iron	27 Co Cobalt	28 Ni Nickel	29 Cu Copper	30 Zn Zinc
39 Y Yttrium	40 Zr Zirconium	41 Nb Niobium	42 Mo Molybdenum	43 Tc Technetium	44 Ru Ruthenium	45 Rh Rhodium	46 Pd Palladium	47 Ag Silver	48 Cd Cadmium
71 Lu Lutetium	72 Hf Hafnium	73 Ta Tantalum	74 W Tungsten	75 Re Rhenium	76 Os Osmium	77 Ir Iridium	78 Pt Platinum	79 Au Gold	80 Hg Mercury

(Note: Lu has been inserted into the bottom left spot where La is conventionally shown)

non-flooded side:



flooded side:



Reading the location of artifacts on these tiles produces 5 braille letters on each side (all non-flooded or all flooded), which in the modified Braille alphabet provided in the reference sheet produces two sets of words:

Non-flooded: RIVER

Flooded: WATER

The answer gift is **RIVER WATER**.

Image sources and attribution:

(Atolls undiscovered)

https://en.wikipedia.org/wiki/Atoll#/media/File:BoraBora_SEtienne.jpg (CC-BY-SA 3.0)

(Autumnal grounds)

https://commons.wikimedia.org/wiki/File:Autumnal_deciduous_forest_-_Laubwand_im_Herbst.jpg (CC-BY-SA 3.0)

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(Cavernous underground)

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(Colossal dunes)

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(Leafy underbrush)

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(Mesa network)

BPHL 14

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(Open sands)

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(Placid dugout)

[https://commons.wikimedia.org/wiki/File:Dugout_near_Bir_Hacheim_\(1990\).jpg](https://commons.wikimedia.org/wiki/File:Dugout_near_Bir_Hacheim_(1990).jpg) (CC-BY-SA 3.0)

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