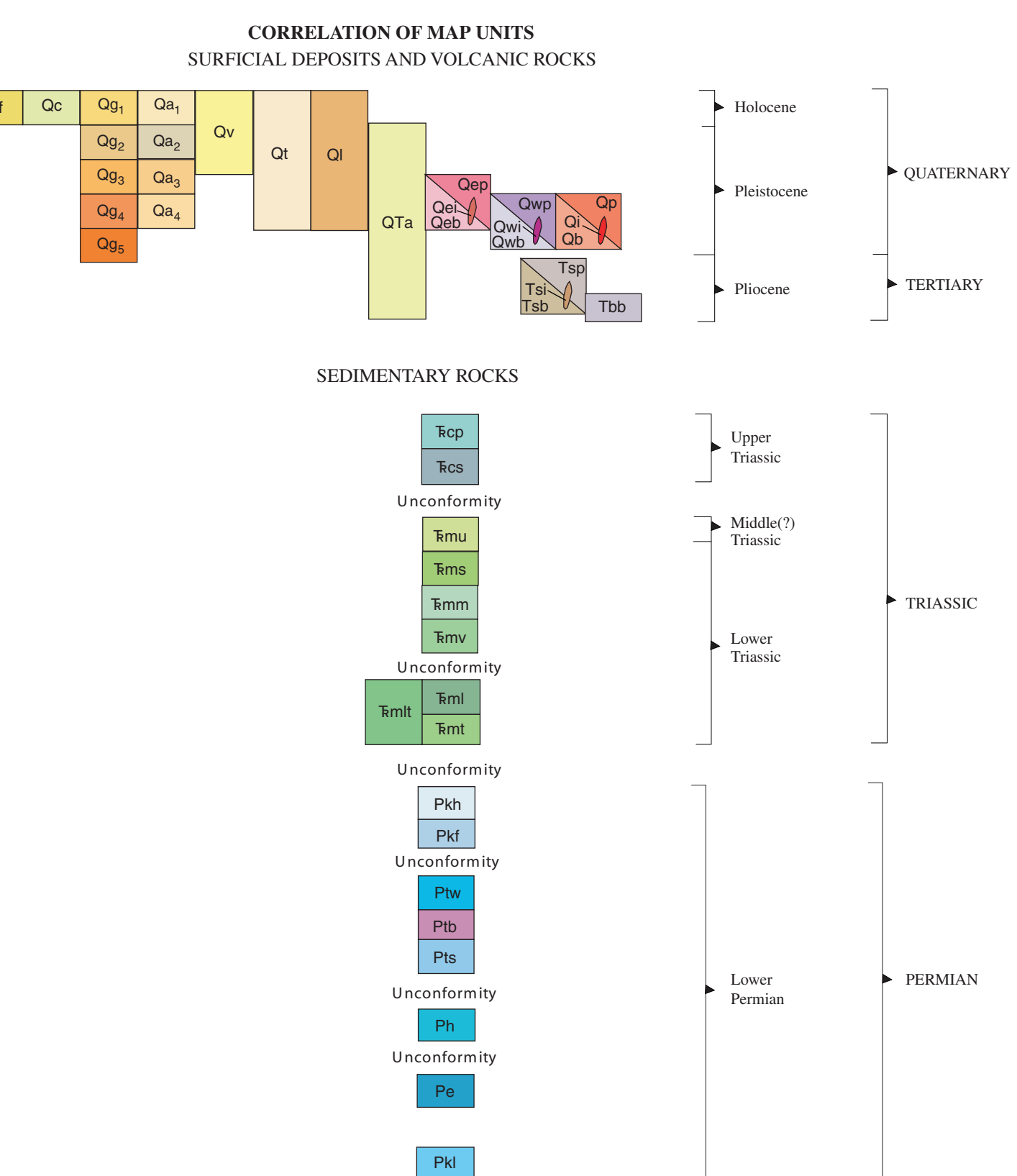
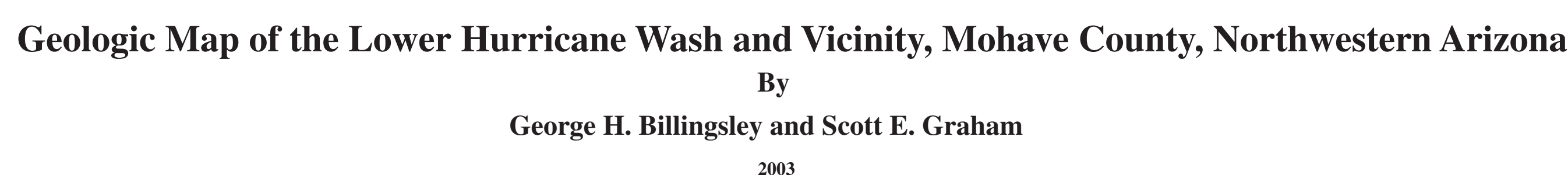




- | LIST OF MAP UNITS | |
|--|---|
| SURFICIAL DEPOSITS | |
| <p>(Some units exposed in the map are considered to distinguish the color for unit identification. These units are labeled where possible, and unlabeled units are attributed to the default.)</p> | |
| Qf | Artificial fill deposits and quarries (Holocene) |
| Qs | Stream-channel alluvium (Holocene) |
| Qa | Dune sand deposits (Holocene) |
| Qd | Fluvial/delta deposits (Holocene) |
| Cultural deposits (Holocene) | |
| Qy | Young terrace gravel deposits (Holocene) |
| Qv | Young alluvial fan deposits (Holocene) |
| Qp | Valley-fill deposits (Holocene and Pleistocene) |
| Qt | Old terrace deposits (Holocene and Pleistocene) |
| Qh | Landslide deposits (Holocene and Pleistocene) |
| Qtr | Young intermediate terrace-gravel deposits (Holocene and Pleistocene) |
| Qm | Young intermediate alluvial fan deposits (Holocene and Pleistocene) |
| Qst | Intermediate terrace gravel deposits (Pleistocene) |
| Qol | Old alluvial fan deposits (Pleistocene) |
| Qstl | Old intermediate terrace gravel deposits (Pleistocene) |
| Qal | Old alluvial fan deposits (Pleistocene) |
| Qbt | Old terrace gravel deposits (Pleistocene) |
| Qm | Alluvial fan deposits (Pleistocene or Pliocene) |
| VOLCANIC ROCKS | |
| East Maui Basalt (Pleistocene) | |
| DB | Intensive dike, plug, or vent area |
| DBP | Pyroclastic deposits |
| DBH | Basalt flows |
| West Maui Basalt (Pleistocene) | |
| DBP | Intensive dike or plug |
| DBP | Pyroclastic deposits |
| DBH | Basalt flows |
| Other basalt (Pleistocene) | |
| DB | Intensive dike or neck |
| DBP | Pyroclastic deposits |
| DBH | Basalt flows |
| Seamounts | |
| Ta | Intensive dike or plug |
| Tp | Pyroclastic deposits |
| Tb | Basalt flows |
| Tb | Black Rock Canyon Basalt (Pliocene) |
| SEDIMENTARY ROCKS | |
| Chalk Formation (Upper Tertiary) | |
| Scp | Portland Cove Member |
| Scp | Shinarump Member |
| Moenkopi Formation (Middle* and Lower Tertiary) | |
| Nru | Lower member (Middle* and Lower Tertiary) |
| Nru | Shubak member (Lower Tertiary) |
| Nru | Mudflat member (Lower Tertiary) |
| Nru | Virgin Limestone Member (Lower Tertiary) |
| Nru | Lower member (Lower Tertiary) |
| Nru | Tangoway Member (Lower Tertiary) |
| Nru | Lower member and Tangoway Member, undivided (Lower Tertiary) |
| Kaibab Formation (Lower Tertiary) | |
| Phb | Harrisburg Member |
| Phb | Fossil Mountains Member |
| Tangoway Formation (Lower Tertiary) | |
| Phb | Wood Ranch Member |
| Phb | Fort Canyon Member |
| Phb | Sagehen Member |
| Hovori Formation (Lower Tertiary) | |
| Phb | Haystack Sandstone (Lower Tertiary) |
| Phb | Paleo Limestone (Lower Tertiary) - Shows only in cross section A-A' |

	Contact —Approximate contact for surficial units and between the Harlebury and Frome Mesozoic Members of the Kalkud Formation.
	Fault —Downward offset or depression; sometimes faulted layers may be considered, but fall in downward direction. Faults shown as bounding thickness do not affect thickness. Faults shown as bounding thickness do not affect thickness. Faults shown as bounding thickness do not affect thickness.
	Landslide scarps —Horizontal symbol of landslide, hasches point in direction of slide.
	Axial —Showing plane of axial surface and direction of plunge; dashed where approximately bisected, dotted where concealed.
	Anticline
	Plunging anticline —Showing direction of plunge
	Syncline
	Plunging syncline —Showing direction of plunge
	Unifacial plunging syncline —Showing direction of plunge
	Monoaxial
	Dome
	Strike and dip of beds
	Beddied —Estimated from the [5d]
	Apparent —Measured from aerial photographs
	Dippled —Inferred from aerial photographs; dip amount not indicated
	Strike of vertical and subvertical joints
	Cylindrical structures —Circular cyclic structures characterized by stria dipping inward toward central core, on Kalkud Formation surface (P.S.), near other collage of deep-seated faults (see figure illustrating on Richard Limestone, queried under section)
	Stinkhole —Enchained depression or cave
	Flow direction of basalt



This map was printed on an electronic plotter directly from digital files. Dimensional calibration may vary between electronic plotters and between X and Y-directions on the same plotter, and paper may change size due to atmospheric conditions; therefore, scale and proportions may not be true on plots of this map.

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