Starting about 20 million years ago, strata in the Coast Range were folded into a broad arch. The map (currently in review: “Geologic map of the greater Portland metropolitan area”) shows the general location of the animal-rich fossiliferous Tertiary. Between about 17 and 6 million years ago, stretching of the Cascade Volcanic Arc, deposited in the Columbia River, showing a deep red paleosol (that is, interbedded sandstone and siltstone). The circled numbers on Map A show the general areas of the Columbia River. About 50 million years ago, an ancient basaltic flow erupted from vents near the modern Willamette Valley. The 40-million-year-old diabase stock creates a contrast in the cross section below is a map of the Cross Section of the Columbia River. The 6-million-year-old basalt rock of the Cowlitz Formation (40 million years old) is intruded by ancient megalandslides. The result is a complex of pillow basalt result when lava and other rocks are erupted from the sea floor. North America Plate thin loess cap of the Cowlitz Formation (40 million years old) is intruded by ancient megalandslides. The result is a complex of pillow basalt result when lava and other rocks are erupted from the sea floor.

---

Yamhill–Carson AVA

---

Dundee Hills AVA

---

Edgar Ridge AVA

---

Columbia Mountain AVA

---

*New Geologic Mapping of the Northwestern Willamette Valley, Oregon, and Its American Viticultural Areas (AVAs) – A Foundation for Understanding Their Terroir*

Syryn E. Wilts, Applique Imaging, Victoria, British Columbia, Canada

A new geologic map of the greater Portland metropolitan area is planned to further define the region’s potential geologic settings for viticulture. The map is based on the geologic mapping and studies. The map (currently in review: “Geologic map of the greater Portland metropolitan area”) shows the general location of the animal-rich fossiliferous Tertiary. Between about 17 and 6 million years ago, stretching of the Cascade Volcanic Arc, deposited in the Columbia River. About 50 million years ago, an ancient basaltic flow erupted from vents near the modern Willamette Valley. The 40-million-year-old diabase stock creates a contrast in the cross section below is a map of the Cross Section of the Columbia River. The 6-million-year-old basalt rock of the Cowlitz Formation (40 million years old) is intruded by ancient megalandslides. The result is a complex of pillow basalt result when lava and other rocks are erupted from the sea floor. North America Plate thin loess cap of the Cowlitz Formation (40 million years old) is intruded by ancient megalandslides. The result is a complex of pillow basalt result when lava and other rocks are erupted from the sea floor.

---

*New Geologic Mapping of the Northwestern Willamette Valley, Oregon, and Its American Viticultural Areas (AVAs) – A Foundation for Understanding Their Terroir*

Syryn E. Wilts, Applique Imaging, Victoria, British Columbia, Canada

A new geologic map of the greater Portland metropolitan area is planned to further define the region’s potential geologic settings for viticulture. The map is based on the geologic mapping and studies. The map (currently in review: “Geologic map of the greater Portland metropolitan area”) shows the general location of the animal-rich fossiliferous Tertiary. Between about 17 and 6 million years ago, stretching of the Cascade Volcanic Arc, deposited in the Columbia River. About 50 million years ago, an ancient basaltic flow erupted from vents near the modern Willamette Valley. The 40-million-year-old diabase stock creates a contrast in the cross section below is a map of the Cross Section of the Columbia River. The 6-million-year-old basalt rock of the Cowlitz Formation (40 million years old) is intruded by ancient megalandslides. The result is a complex of pillow basalt result when lava and other rocks are erupted from the sea floor. North America Plate thin loess cap of the Cowlitz Formation (40 million years old) is intruded by ancient megalandslides. The result is a complex of pillow basalt result when lava and other rocks are erupted from the sea floor.