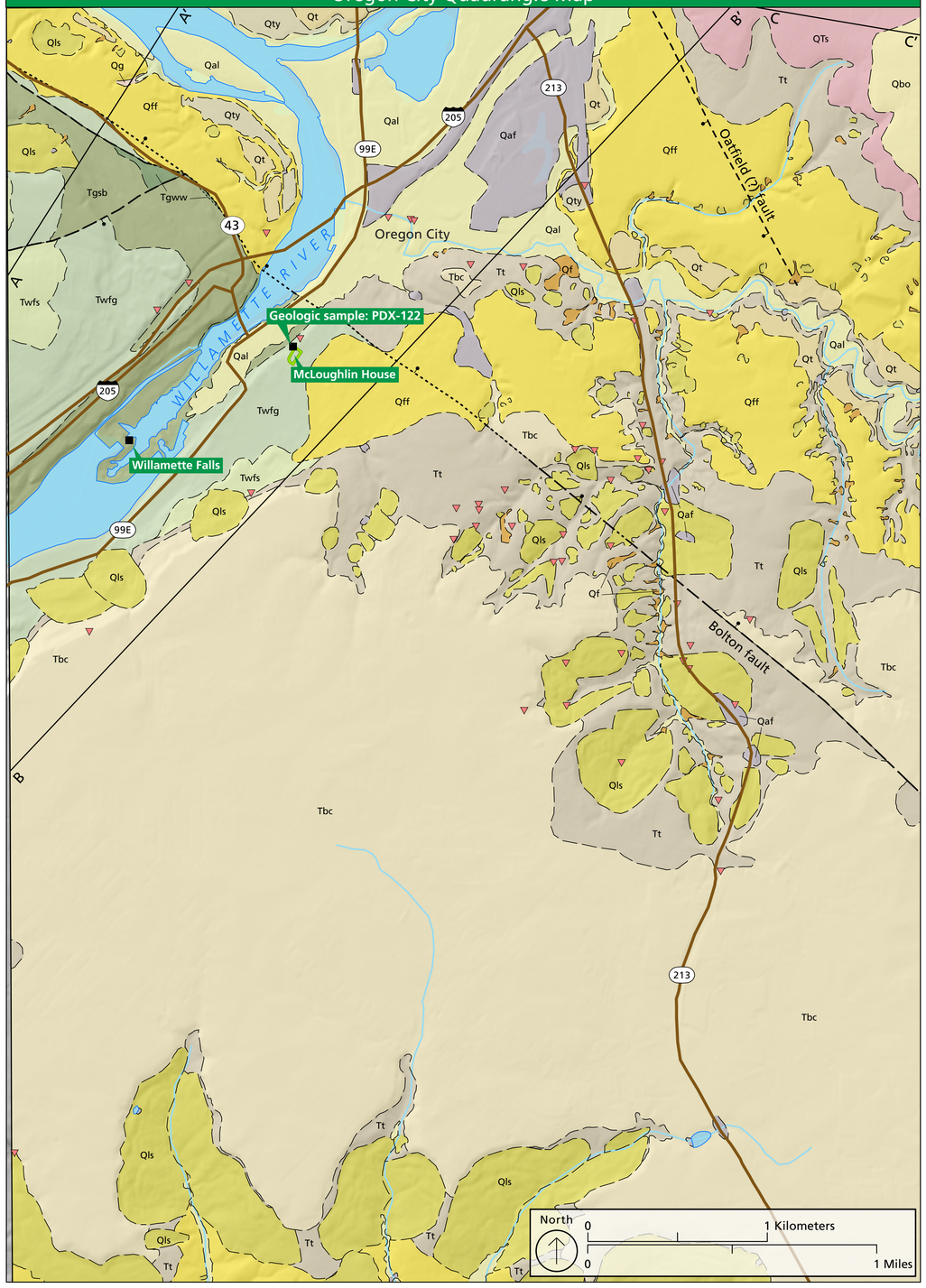
Geologic Map of Fort Vancouver National Historic Site

Oregon and Washington

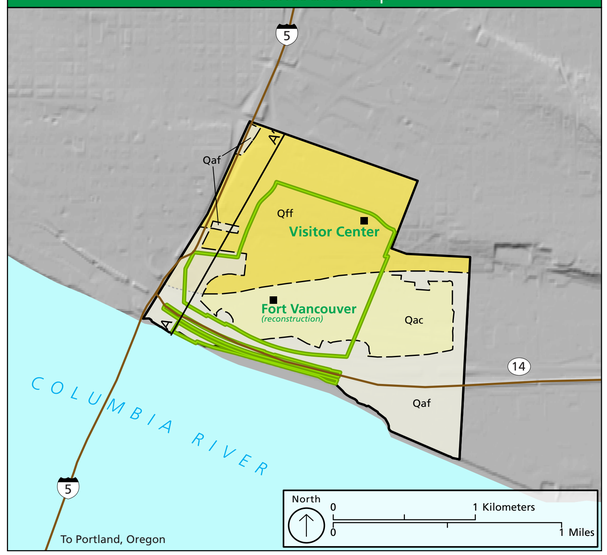
National Park Service
U.S. Department of the Interior

Geologic Resources Inventory
Natural Resource Stewardship and Science

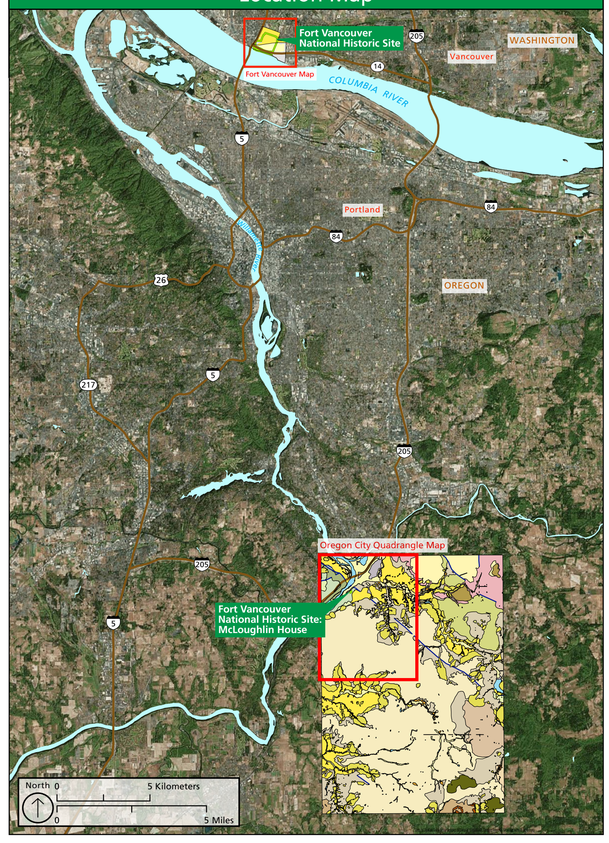
Oregon City Quadrangle Map



Fort Vancouver Map



Location Map





NPS Boundary

Infrastructure
- Point of interest
- Roads

Hazard Point Features
- Small mass movement (1996-1997 storms)

Geologic Cross Section Lines
A A'

Faults:
Long dashes where approximate, short dashes where inferred, dotted where concealed; ball and bar indicate downthrown side
- Normal fault

Geologic Contacts:
Long dashes where approximate, short dashes where inferred, dotted where concealed
- Geologic contact
- Water or shoreline

Artificial Fill Contacts
- Approximate

Geologic Units
- Water

Fort Vancouver Map

- Qaf Artificial fill (Holocene)
- Qac Alluvium of Columbia River floodplain (Holocene)
- Qff Missoula flood deposits (late Pleistocene)

Oregon City Quadrangle Map

- Qaf Artificial Fill (Holocene)
- Qal Alluvial deposits (Holocene)
- Qf Flow and fan deposits (Holocene-late Pleistocene)
- Qls Landslides (Holocene-Pleistocene)

Terrace deposits
- Qty Terrace deposits, younger (Holocene-late Pleistocene)
- Qt Terrace deposits (Holocene-late Pleistocene)
- Qto Terrace deposits, older (Holocene-late Pleistocene)
- Qff Missoula flood deposits (late Pleistocene)
- Qg Conglomerate, younger (Pleistocene?)
- Qbo Boring Volcanic Field Rocks, basaltic andesite of Outlook (Pleistocene)
- QTs Springwater Formation (Pliocene to Pleistocene)
- Tbc Boring Volcanic Field Rocks, basalt of Canemah (Pliocene)
- Tt Troutdale Formation sandstone siltstone and mudstone (Miocene to Pliocene)

Columbia River Basalt Group
- Twfs Wanapum Basalt, Frenchman Springs Member basalt of Sand Hollow (middle Miocene)
- Twfg Wanapum Basalt, Frenchman Springs Member basalt of Gingko (middle Miocene)
- Tgsb Grande Ronde Basalt, Sentinel Bluffs Member (middle Miocene)
- Tgww Grande Ronde Basalt, basalt of Winter Water (middle Miocene)

PDX-122 is identified as Gingko Basalt. More information can be found in the attibution table of the Geologic Sample Localities Feature Class in the GRI GIS data.

This map displays geologic map data compiled by the National Park Service Geologic Resources Inventory. It is not a substitute for site-specific investigations.

Source Maps:

Fort Vancouver Map

Cannon, C. 2011. Geologic map of Fort Vancouver. Unpublished map for the NPS (scale 1:20,000).

Oregon City 7.5' Quadrangle Map (ORC) - McLoughlin House unit

Madin, I.P. 2009. Geologic map of the Oregon City 7.5' Quadrangle, Clackamas County, Oregon (scale 1:24,000). Geologic Map Series GMS-119. Oregon Department of Geology and Mineral Industries, Portland, Oregon.

Source Scales: 1:20,000 and 1:24,000
According to US National Map accuracy standards, features are within 10 m (33ft) (1:20,000) and 12 m (40 ft) (1:24,000) of their true location.

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Dalton Meyer and Georgia Hybels (Colorado State University)
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2009 & 2011

All Geologic Resources Inventory geologic map data and publications are available at http://go.nps.gov/gripubs.