

GEOLOGIC SUMMARY

0-1011 Casing: No samples collected.

SAMPLES STARTED IN PITTSBURG BLUFF FORMATION

1011-1533 Mudstone: Medium gray-brown.

1533-1900 Mudstone: Medium gray-brown, common thin stringers of sandstone becoming more abundant downward.

KEASEY FORMATION (intertongues with Goble Volcanics)

2050-3028 Mudstone: Medium gray-brown with minor very fine-grained, argillaceous sandstone.

GOBLE VOLCANICS (intertongues with Keasey Formation)

3028-3048 Volcanic Tuff: Light pink, white, gray.

3048-3098 Basalt/Andesite: Probable flow.

KEASEY FORMATION

3098-3244 Interbedded Mudstone and Siltstone: Medium gray-brown, sandy, with minor very fine-grained, argillaceous sandstone.

GOBLE VOLCANICS

3244-3286 Volcanics: Basalt flows and tuff.

KEASEY FORMATION

3286-3952 Mudstone: Light to medium brown and medium gray, with minor very fine- to fine-grained, argillaceous sandstone.

3952 Fault.

COWLITZ FORMATION

3952-4008 Mudstone: Light to medium brown and medium gray, with minor very fine- to fine-grained, argillaceous sandstone.

4008-4097 Shale: Medium brown.

4097-4182 Sandstone: Medium brown, poorly sorted, very fine-grained, silty, argillaceous.

4182-4243 Shale: Light to medium brownish gray.

4243-4378 Mudstone: Light to medium brown, with interbedded very fine-grained, argillaceous sandstone.

TILLAMOOK VOLCANICS

4378-5700 Volcanics: Basalt and basalt breccia, often chloritized and serpentized; interlayered with light to medium gray and green tuffs and tuffaceous shales. Tuffs and breccia are predominant in the upper part of the unit and basalt flows are predominant in the lower part.

5700 Total Depth