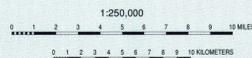


HYDROGEOLOGIC MAP AND STREAMFLOW MEASUREMENT SITES

**EXPLANATION**  
 — CONTACT—Approximately located  
 A—A' LINE OF HYDROGEOLOGIC SECTION  
 ▲ 80 STREAMFLOW MEASUREMENT SITE WITH NUMBER



SUBSYSTEM	SYMBOL	HYDROGEOLOGIC UNIT	DESCRIPTION
UPPER SEDIMENTARY (Quaternary and Pliocene)	US	UNCONSOLIDATED SEDIMENTARY AQUIFER	Alluvium along major rivers and Pleistocene catastrophic flood deposits that mantle much of the basin.
	TG	TROUTDALE GRAVEL AQUIFER	Cemented sand and gravel deposits of the Troutdale Formation. Also includes Cascadian volcanic conglomerates (Gresham, Springwater, and Walters Hill Formations), Pleistocene terrace gravel locally along rivers, Boring Lava and High Cascade volcanics.
LOWER SEDIMENTARY (Pliocene)	UNDIFFERENTIATED FINE-GRAINED UNIT	C1	CONFINING UNIT 1 Mudstone, siltstone, and claystone with some vitric sandstone. Considered Troutdale Formation; however, where the Troutdale sandstone aquifer is not present, it cannot be distinguished from Sandy River Mudstone.
		TS	
		C2	CONFINING UNIT 2 Mudstone, siltstone, and claystone mapped as Sandy River Mudstone.
		SG	SAND AND GRAVEL AQUIFER Silty to gravelly sand within Sandy River Mudstone.
OLDER ROCKS (Miocene-Eocene)	OR	OLDER ROCKS	Includes Skamania Volcanics, Goble Volcanics, marine sediments of the Pittsburg Bluff and Scappoose Formations, basalts of Wascally Heights, Columbia River Basalt Group and volcanic rocks of the Rhododendron Formation.

