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	Quaternary {	Qal	<b>Alluvium</b> Unconsolidated reddish brown to tan, sand, silt, pebbles and cobbles that weathers yellow, orange, and orange-brown. Mapped alluvium deposits include those formed along modern and ancient streams, and marsh deposits formed over older bog deposits.		MDr	<b>Rockwell Fo</b> Interbedded, shale. In All diamictite m than 400 fee southern Gar
	Permian?	Pd	<b>Dunkard Formation</b> Interbedded, medium gray to dark gray, carbona ceous, silty shale and siltstone; light to medium gray, micaceous, medium- to coarse-grained sandstone; and thin, discontinuous nodular limestone, and thin coal beds. The Dunkard Formation caps several hills in the Georges Creek Syncline, and may be as much as 250 feet (76 m) thick.		Dh	Hampshire Interbedded, reddish brow Hampshire v 3,000 feet in
p Symbols		IPm	<b>Monongah ela Group</b> Interbedded, medium gray to dark gray, carbona ceous, silty shale and siltstone; light to medium gray, micaceous, medium- to coarse-grained sandstone, and thin, discontinuous, nodular limestone, and coal beds. The thickness of the Monong ahela Group is 225 to 250 feet (68 to 76 m).		Df	<b>Foreknobs F</b> Interbedded, greenish gra 10m) sandst formation. 7 more then 1,
approximately located ealed ult-U upthrown block	Pennsylvanian	Pc	<b>Conemaugh Group (Undivided)</b> Interbedded, light gray, micaceous sandstone and gray silty shale and thin, dark gray, marine shales in the lower half of the group, and greenish-gray and reddish brown to variegated mudstone, shale, claystone, and nodular nonmarine limestone in its upper part. The Conemaugh Group is 800 to 900 feet thick (245 to 275 m).		Dhbs	Harrell-Bra The Harrell weathers to t the black, ve the Brallier The Brallier
n block dotted where		Pa	<b>Allegheny Formation</b> Interbedded, medium to dark gray shale and siltstone, tan to light gray sandstone, claystone, and mineable coal beds. The Allegheny Formation is between 200 to 250 feet thick (61 to 76 m).	Devonian {		shale and sil 2,500 feet thi The Sherr Fo thin, gray si The thicknes becomes ind m).
ck oss section line		Рр	<b>Pottsville Formation</b> Dominantly light gray to tan, medium- to coarse-grained sandstone and conglomerate with subordinate amounts of dark gray shale, siltstone, and coal. Total thickness for the unit is 180 to 200 feet (55 to 61 m).		Dm	<b>Mahantange</b> Medium gray base and top thinly interb brownish gray
5		Mmc	<b>Mauch Chunk Formation</b> Interbedded, reddish brown shale; variegated, root-mottled mudstone and siltstone, and reddish brown to greenish gray lenticular sandstone. The Mauch Chunk Formation is approximately 600 feet thick in Allegany County and thins westward to 300 feet in thickness in western Garrett County (90 -180 m).		Dam	1,400 feet th thickness in t <b>Need more-N</b> The Ne edmo
te Highway ghway mbered Highway am	Mississippian {	Mg	<b>Greenbrier Formation</b> Light gray, cross-bedded, sandy lime stone to calcareous sandstone at the base (Loyalhanna Member); overlain by interbedded, reddish, fossiliferous mudstone, and tan to reddish brown, fine-grained sandstone, and reddish brown siltstone and variegated shale (Savage Dam Member); succeeded by thin- to medium-bedded, light to medium gray, argillaceous, fossiliferous limestone at the top (Wymps Gap Member). The Greenbrier Formation is 150 to 200 feet thic k (45-60 m).			fossiliferous limestone. T of interbedde is correlative Needmore S claystone. T The Marce (30 m); inter very dark gra the top. The County and
r body lakes, ponds, rivers)		Мр	<b>Purslane Formation</b> Light gray, tan, and reddish brown, coarse-grained to conglomeratic, thick- bedded to cross-bedded sandstone and thin bed's of gray shale, and coaly shale. The Purslane is more than 3 00 feet thick in western Washington County and thins westward to approximately 150 feet thick in western Garrett County (45-90 m)			(45-105 m).

Garrett, Allegany, and western Washington Counties Geologic Ma

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