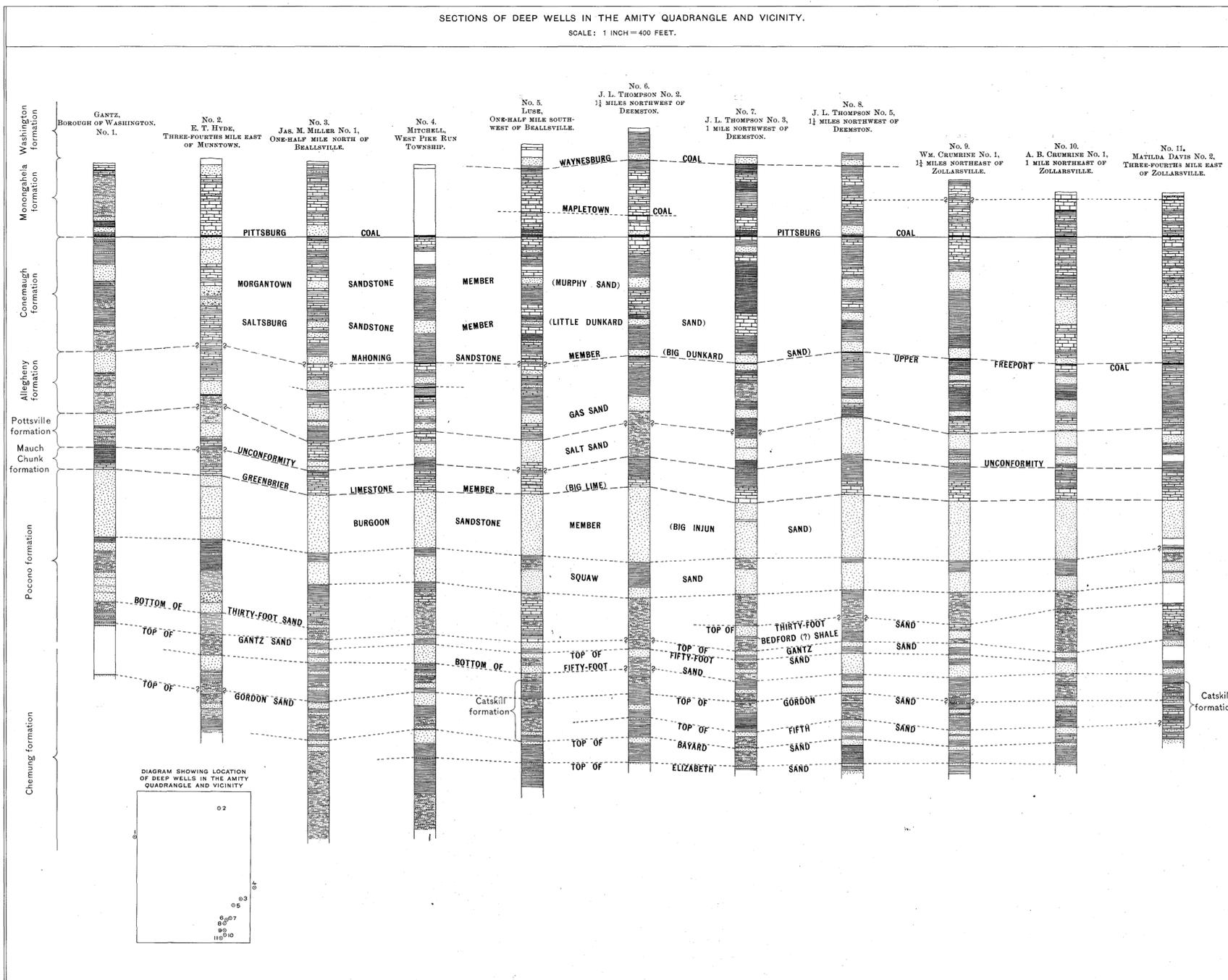


COLUMNAR SECTION

GENERALIZED SECTION FOR THE AMITY QUADRANGLE.
SCALE: 1 INCH = 200 FEET.

SYSTEM SERIES	FORMATION NAME	SYMBOL	COLUMNAR SECTION	THICKNESS IN FEET	NAMES OF MEMBERS	CHARACTER OF MEMBERS	GENERAL CHARACTER OF FORMATIONS
CARBONIFEROUS	Greene formation.	Cg		370±	Prosperity limestone. Tennile coal.	Dark bluish-black limestone. Thin bed, locally workable.	Soft shales and shaly sandstones, with thin limestones and a few coal beds.
	Washington formation.	Cw		280-400	Upper Washington limestone. Jollytown limestone. Jollytown coal. Middle Washington limestone. Lower Washington limestone. Washington coal. Waynesburg "A" coal. Waynesburg sandstone.	Dark-gray to bluish-black compact limestone. Generally weathers white. Thin and unimportant coal. Hard, brecciated and fossiliferous limestone. Weathers deep yellow. Light-gray to blue-gray, compact limestone. Persistent bed, too badly broken by partings to be of value. Thin bed of poor quality. Coarse flaggy sandstone.	Soft shaly sandstones and shales, with occasional hard sandstone and limestone, and coal beds of little value.
PENNSYLVANIAN	Monongahela formation.	Cm		300-360	Waynesburg coal. Waynesburg limestone. Uniontown coal. Benwood limestone. Sewickley coal. Fishpot limestone. Redstone coal. Pittsburg sandstone. Pittsburg coal.	0 to 6 feet of coal, mined for local use. Thin and unimportant coal. Interstratified shale and compact limestone, massive at bottom. In places a fair coal. Locally a good coal. Coarse flaggy sandstone. Valuable coal bed.	Limestones, shales, sandstones, and coal beds; the most important coal-bearing formation of southwestern Pennsylvania.
	Conemaugh formation.	Ccm					Shales and sandstones.



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