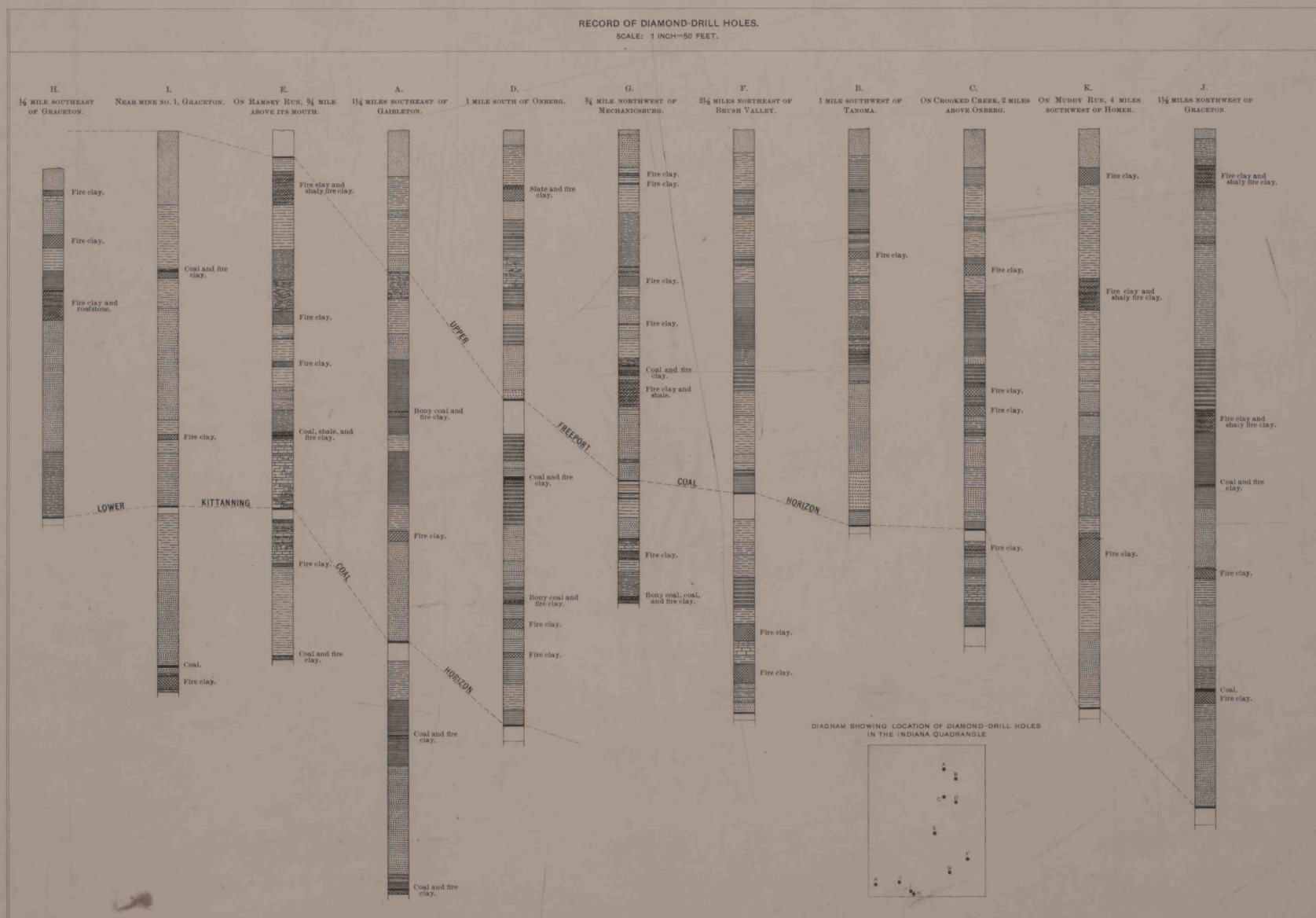


COLUMNAR SECTION SHEET 1

GENERALIZED SECTION OF THE ROCKS OF THE INDIANA QUADRANGLE.						
SCALE: 1 INCH=200 FEET.						
PERIOD.	FORMATION NAME.	SYMBOL.	COLUMNAR SECTION.	THICKNESS IN FEET.	NAMES OF MEMBERS.	CHARACTER AND DISTRIBUTION OF MEMBERS.
CARBONIFEROUS PENNSYLVANIAN SERIES	Monongahela formation.				Pittsburg coal.	Not present in the quadrangle.
					Connellsville sandstone.	Thin-bedded drab sandstone. Occurs on a few hills in the southwest corner of the quadrangle.
					Morgantown sandstone.	Massive buff sandstone. Occurs on hills west of Homer, and on White, Coleman, and Warner hills.
	Conemaugh formation.	Ccm		700±	Saltsburg sandstone.	Massive buff sandstone. Occurs at Homer and Edgewood and on Dias Ridge.
					Mahoning sandstone.	Massive sandstone, often conglomeratic. Occurs above the Upper Freeport coal on Chestnut Ridge, along Crooked Creek near Chambersville, and along McKee Run.
					Upper Freeport coal.	Generally present at the top of the formation.
					Freeport limestone.	Freeport limestone and Bolivar fire clay not always present.
					Bolivar fire clay.	Occurs infrequently. It is mined on Dixon Run.
					Lower Freeport coal.	
	Allegheny formation.	Ca		300±	Kittanning coals.	The Lower Kittanning is the most important of the Kittanning coals. It outcrops along the deeper gorges of Chestnut Ridge.
MISSISSIPPIAN					Vanport (Feriferous) limestone.	Feebly developed. It outcrops in Yellow Creek gorge.
					Clarion-Brookville coals.	Unimportant in the quadrangle.
	Pottsville formation.	Cpv		100±		Massive sandstone and interbedded shale.
	Mauch Chunk shale.	Cmc		50±		Red and green shales.



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