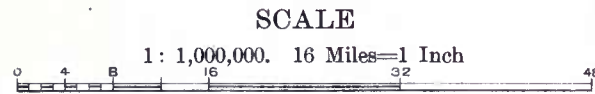


PREPARED BY  
THE MARYLAND GEOLOGICAL SURVEY  
IN COOPERATION WITH  
THE U. S. GEOLOGICAL SURVEY

# A GEOLOGICAL MAP OF MARYLAND

INCLUDING  
DELAWARE AND THE DISTRICT OF COLUMBIA



MARYLAND GEOLOGICAL SURVEY

WM. BULLOCK CLARK, STATE GEOLOGIST

1897  
LEGEND.

PALEOZOIC	
LEWISTOWN (L. HELDERBERG-NIAGARA)	VI
ROCKWOOD (CLINTON)	V
TUSCARORA-JUNIATA (MEDINA)	IV
MARTINSBURG (HUDSON RIVER)	III
SHENANDOAH	II
CAMBRIAN	
ANTIETAM	I
HARPERS	
WEVERTON	
LOUDOUN	
ARCHEAN	
GRANITE	Gr
DIORITE	D
BASIC VOLCANICS	B
EPIDOTE-SCHIST AND CATOCTIN-SCHIST	
ACID VOLCANICS	A
QUARTZ-PORPHYRY AND APO-RHYOLITE	
PERIDOTITE AND PYROXENITE	S
WITH SERPENTINE AND STEATITE	
GABBRO	G
WITH GABBRO-DIORITE	
MARBLE	M
GNEISS	Gn
WITH QUARTZ-SCHIST, MICA-SCHIST, ETC.	

MESOZOIC	
TRIASSIC	
DIABASE	
NEWARK	T
PALEOZOIC	
PERMIAN (?)	
FROSTBURG	XVI
CARBONIFEROUS	
ELKGARDEN	XV
UPPER COAL MEASURES	
FAIRFAX	XIV
BARREN MEASURES	
BAYARD-SAVAGE	XIII
LOWER COAL MEASURES	
POTTSVILLE	XII
MAUCH CHUNK-GREENBRIER	XI
POCONO	X
DEVONIAN	
HAMPSHIRE (CATSKILL)	IX
JENNINGS-ROMNEY (CHEMUNG-HAMILTON)	VIII
MONTEREY (ORISKANY)	VII

CENOZOIC	
PLEISTOCENE	
COLUMBIA	
LAFAYETTE	
NEOGENE	
CHESAPEAKE	N
EOCENE	
PAMUNKEY	E
MESOZOIC	
JURASSIC ? CRETACEOUS	
RANCOGAS	Kr
MONMOUTH	Kmo
MATAWAN	Kma
RARITAN-PATAPSCO	
POTOMAC	Kp
ARUNDEL-PATUXENT	

UNDETERMINED	
CAMBRIAN AND SILURIAN ?	
PHYLLITE	P
CRYSTALLINE LIMESTONE	L

THE COLUMBIA AND LAFAYETTE FORMATIONS CONSIST OF GRAVELS, SANDS AND LOAMS WHICH FORM A RELATIVELY THIN COVER OVER THE EASTERN SECTION OF THE STATE. THEY ARE NOT REPRESENTED ON THE MAP.

