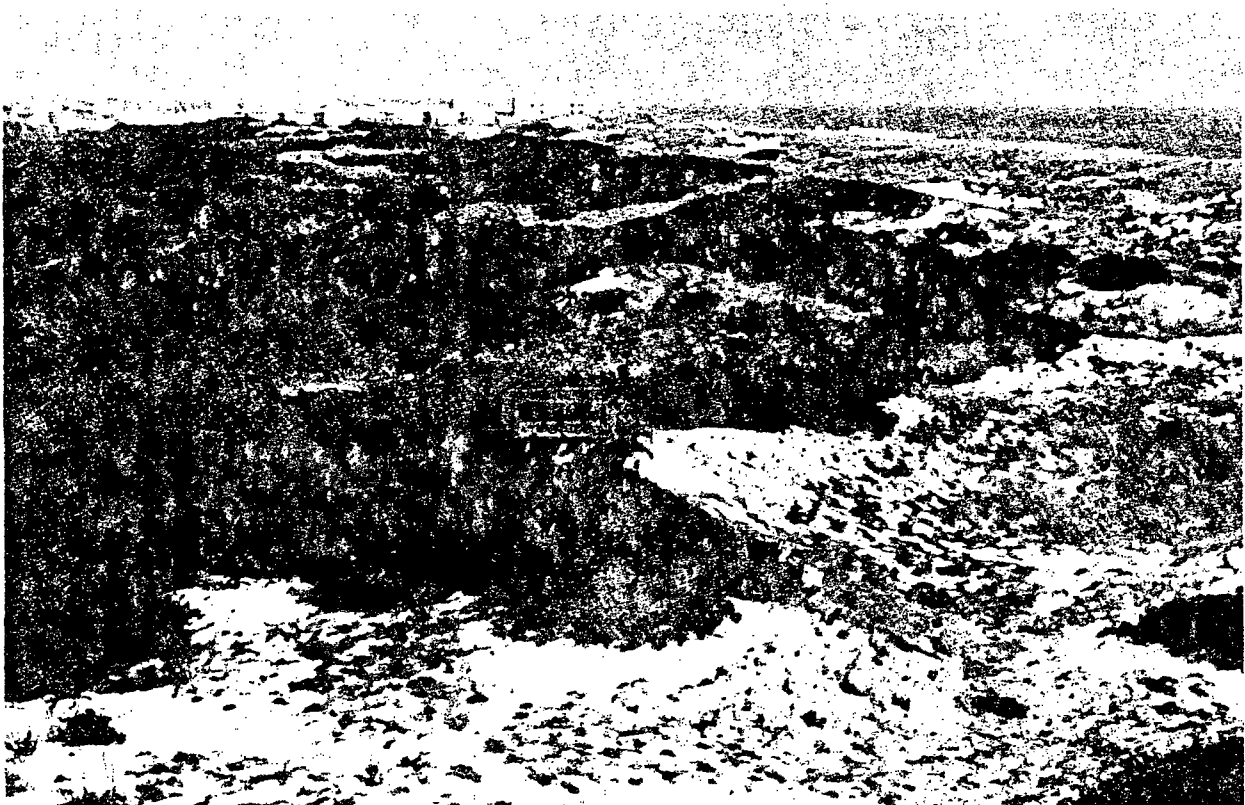


Soil Survey of
OCEAN COUNTY,
NEW JERSEY

*United States Department of Agriculture, Soil Conservation Service
in cooperation with
New Jersey Agricultural Experiment Station, Cook College, Rutgers, The State University
and the
New Jersey Department of Agriculture, State Soil Conservation Committee*

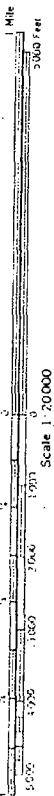
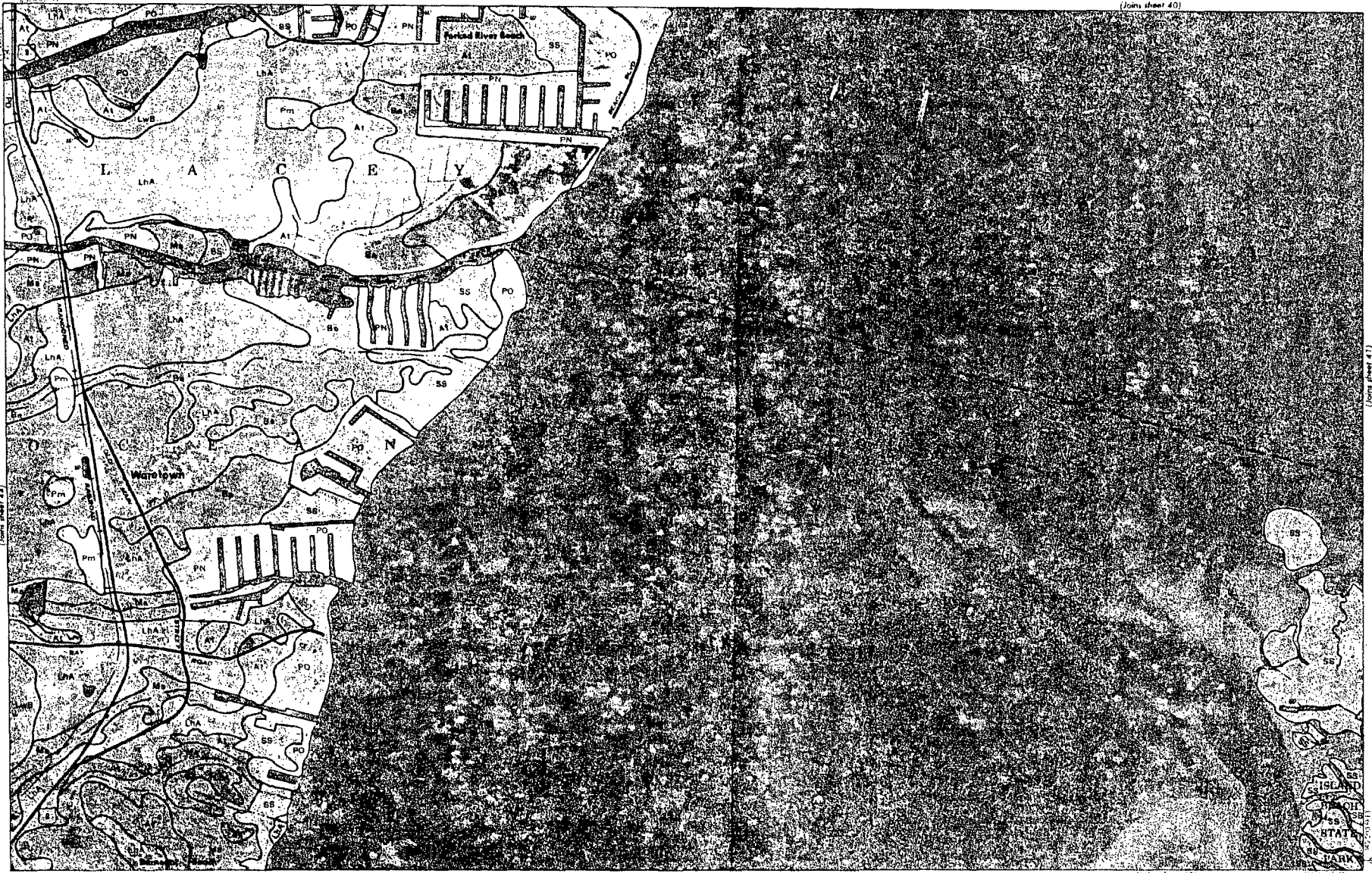


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SOIL LEGEND

The first letter, always a capital, is the tribal letter of the soil name. The second letter is usually a small letter but is a capital letter if the unit is broadly defined. The third letter, A, B, or C, is the slope class. Most symbols without a letter for slope class are for nearly level soils but three are for units containing miscellaneous areas.

SYMBOL	NAME
AdA	Adelphi fine sandy loam, 0 to 3 percent slopes
At	Atsion silt
Aw	Atsion sand, tide flooded
AsB	Aura sandy loam, 2 to 5 percent slopes
Be	Berryland sand
Bf	Berryland sand, frequently flooded
CoA	Collington fine sandy loam, 0 to 2 percent slopes
CoB	Collington fine sandy loam, 2 to 5 percent slopes
CoC	Collington fine sandy loam, 5 to 10 percent slopes
DoA	Downer loamy sand, 0 to 5 percent slopes
DoA	Downer sandy loam, 0 to 2 percent slopes
DpB	Downer sandy loam, 2 to 5 percent slopes
DpB	Downer gravelly sandy loam, gravelly substratum, 2 to 5 percent slopes
EvB	Evesboro sand, 0 to 5 percent slopes
EvC	Evesboro sand, 5 to 10 percent slopes
EvD	Evesboro sand, 10 to 15 percent slopes
Fib	Fripp fine sand, 2 to 10 percent slopes
HaA	Hammonden loamy sand, 0 to 5 percent slopes
HaA	Hammonden sandy loam, 0 to 5 percent slopes
HU	Humaquepts, frequently flooded
KaA	Keaport sandy loam, 0 to 4 percent slopes
Kia	Kley loamy sand, 0 to 3 percent slopes
Kra	Kresson fine sandy loam, 0 to 3 percent slopes
LhA	Lakehurst sand, 0 to 3 percent slopes
LmA	Lakehurst sand, clayey substratum, 0 to 3 percent slopes
LwB	Lakewood sand, 0 to 5 percent slopes
LwC	Lakewood sand, 5 to 10 percent slopes
Ma	Manahawick muck
Mu	Mullica loam, clayey substratum
Mu	Mullica fine sandy loam, clayey substratum
PaA	Pantherson sand, 0 to 5 percent slopes
PbB	Phalanx loamy sand, 2 to 5 percent slopes
PbC	Phalanx loam, sand, 5 to 10 percent slopes
Pm	Pis, sand and gravel
Pn	Pisammonts, nearly level
PO	Pisammonts, sulfidic substratum
PW	Pisammonts, waste substratum
SaB	Sassafras sandy loam, 2 to 5 percent slopes
Sh	Shrewsbury fine sandy loam
SS	Suraboents and Sullinomis, frequently flooded
TnB	Tinton sand, 0 to 5 percent slopes
UL	Urban, land
UP	Urban, and Fripp complex
WoB	Woodmanse sand, 0 to 5 percent slopes
WoC	Woodmanse sand, 5 to 10 percent slopes

CONVENTIONAL AND SPECIAL SYMBOLS LEGEND

CULTURAL FEATURES

BOUNDARIES

National, state or province	-----
County or parish	-----
Minor civil division	-----
Reservation (national, forest or park, state forest or park, and large airport)	-----
Land grant	-----
Limit of soil survey (label)	-----
Field sheet matchline & nextline	-----
AD HOC BOUNDARY (label)	-----
Small airport, airfield, park, oilfield, cemetery, or flood pool	
STATE COORDINATE TICK	
LAND DIVISION CORNERS (sections and land grants)	
ROADS	
Divided (median shown at scale permits)	
Other roads	
Trail	
ROAD EMBLEMS & DESIGNATIONS	
Interstate	
Federal	
State	
County, town or ranch	
RAILROAD	
POWER TRANSMISSION LINE (normally not shown)	
PIPE LINE (normally not shown)	
FENCE (normally not shown)	
LEVEES	
Without road	
With road	
With railroad	
PITS	
Gravel pit	
Mine or quarry	

MISCELLANEOUS CULTURAL FEATURES

Farmstead house (omit in urban areas)	
Church	
School	
Indian mound (label)	
Located object (label)	
Tank (label)	
Wells, oil or gas	
Windmill	
Kitchen midden	
DRAINAGE	
Perennial, double line	
Perennial, single line	
Intermittent	
Drainage end	
Canals or ditches	
Double line (label)	
Drainage and/or irrigation	
LAKES, PONDS AND RESERVOIRS	
Perennial	
Intermittent	
DAMS	
Large (to scale)	
Medium or small	
MISCELLANEOUS WATER FEATURES	
Marsh or swamp	
Spring	
Well, Artesian	
Well, irrigation	
Wet spot	

SPECIAL SYMBOLS FOR SOIL SURVEY

SOIL DELINEATIONS AND SYMBOLS

ESCARPMENTS	
Bedrock (points down slope)	
Other than bedrock (points down slope)	
SHORT STEEP SLOPE	
GULCH	
DEPRESSION OR SINK	
SOIL SAMPLE SITE (normally not shown)	
MISCELLANEOUS	
Blowout	
Clay spot	
Gravelly spot	
Gumbo, slick or scaly spot (soxic)	
Dumps and other similar non soil areas	
Prominent hill or peak	
Rock outcrop (includes sandstone and shale)	
Saline spot	
Stony spot	
Severely eroded spot	
Slide or slip (this point unstable)	
Stony spot, very stony spot	
Highly eroded, thin soil, Gumbo	