

carrying a moderate amount of carbonates and high sulphates. Assays 68, 69, and 70 indicate waters high in carbonates, and with no sulphates. Of these three assays, 68 shows more chlorides than the others. The rest of the assays denote very soft water. Sulphates are wanting in all of the Cumberland County assays except in 65 and 72.

CURRITUCK COUNTY.

Assay 74, Table 1, is the only test that was made of a Currituck County water. It shows one that is very soft.

DARE COUNTY.

But two tests were made of the waters of Dare County. Analysis 27, Table 2, shows a very soft sodic saline water, and a very soft one is also shown by assay 75, Table 1.

DUPLIN COUNTY.

No mineral analyses were made of the waters of Duplin County, but assays were made of several waters, and the results obtained are recorded in Table 1. Assays 77 and 80 show very soft waters that carry rather more chlorides than most of the Duplin County waters that were tested. Assay 78 indicates a water moderately high in carbonates, and high in chlorides. The other waters are all moderately high in carbonates and low in chlorides. None of the Duplin County waters carried more than a trace of sulphates.

EDGECOMBE COUNTY.

No mineral analyses were made of the waters of Edgecombe County. The results of the tests made by assay appear in Table 1. Assays 85 and 87 indicate very soft waters, while assays 86 and 88 show waters moderately high in carbonates. No sulphates were shown in Edgecombe County waters.

GATES COUNTY.

No mineral analyses were made of the waters of Gates County, but one water was tested by assay. This assay, 89 of Table 1, indicates a very soft water.

GREENE COUNTY.

No mineral analyses were made of the waters of Greene County, but two waters were tested by assay, and the results appear in Table 1. Assay 90 shows a very soft water and assay 91 a water that is moderately high in carbonates. Both waters are low in sulphates.