



FIG. 15.—Sketch showing relation of basement rocks to the Lafayette formation; cut of Seaboard Air Line Railway, 1 mile west of Thelma, N. C.

EXPLANATION OF FIGURE.

*Lafayette formation:*

1. Yellow argillaceous sand and sandy clay grading down into materials below.
2. Light gray, very coarse, arkosic, argillaceous sand with scattered pebbles and irregular lenses of gravel.
3. Pebbles and cobbles with gray argillaceous sand matrix.
4. Light gray, very coarse, arkosic sand with scattered pebbles.
5. Pebbles and cobbles having a maximum size of about 8 inches, with gray argillaceous sand matrix. Occasional crystalline boulders along base.

*Basement rocks:*

6. Deeply decayed crystallines.