



## Mueser Rutledge Consulting Engineers



### 101 West End Avenue

*New York, NY*

101 West End Avenue is a twin-tower, 32-story residential building on the Upper West Side of Manhattan. Formerly occupied by the New York Times printing plant, the site was part of the redevelopment of an area that had previously been used primarily for industrial space and a rail yard.

Mueser Rutledge Consulting Engineers (MRCE) performed a subsurface investigation that included borings, test pits, and a review of available information. The boring program investigated the properties of the on-site fill and located the bearing strata. The investigation also included two field tests to determine the permeability of on-site soils; two packer tests; and two falling head tests. The subsurface investigation, augmented with 5 test pits, studied the condition and limits of the remnants of the printing plant.

Additionally, MRCE prepared a report that summarized field data and provided recommendations for the new building foundations. Some of the more challenging aspects of the project were providing recommendations for excavation support to maintain adjacent structures and roadways, as well as the reuse of the existing foundation elements.