



THE 27TH STREET STATION OF THE N

Cleaning up after
a shove.

Erecting platform in background.
North Tube.

erture open to the direct action of the
iter, against which the compressed air
could be no protection.
Early in 1903, when under the middle
the river, with seventy-five feet of
ater overhead, the shield in the first
the New York & New Jersey Com-
ny's tunnels encountered a ledge of
ck and was injured. The work was

earth, and the men were face to face with
the river. The seam was effectively
stopped up with bags of sawdust and
bags; but could the shield be moved
ahead the full remaining distance till the
permanent lining could be forced in be-
hind it?

A chance which was almost desperate
was taken. Full air pressure was turned



Shield partly in ledge of rock.
Rock drill on right.