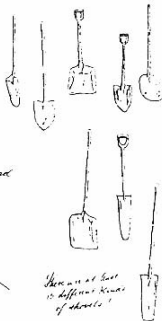


The Art and Science of Shoveling

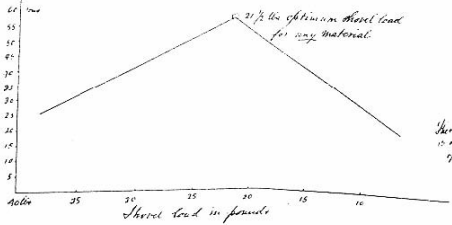
	Old Way	New Way
Number of Laborers	500	140
Shovel ton per man per day	10	54
Man's earnings per man per day	\$1.15	\$1.25
Cost per ton	0072	0075

Saving
\$75,000
per year



There are at least
15 different kinds
of shovels!

Tons
shoveled
per man
per day



The art and science of shoveling chart drawn by Taylor indicating the optimum shovel load at 21.5 lbs. (Photo courtesy of Stevens Institute of Technology, Taylor collection, Hoboken, N.J.)