Figure 2.2  
A Pencil’s Life-Cycle

Pencil hauled to landfill or waste combustion facility

WOOD  
Cedar tree harvested; trucker hauls tree to mill; mill prepares lumber; lumber shipped to factory

LEAD  
Graphite mined and shipped to factory; clay collected, shipped to factory; gums tapped, prepared, and shipped to factory

Customer uses, then discards pencil

Customer drives to store to buy pencils

Trucker hauls pencils to retail stores

GROWTH & CULTURING

Pencils manufactured

Trucker hauls pencils to warehouse or railroad

Trucker hauls pencils to wholesaler dealers

TREE HARVESTED; NEW TREE PLANTED

TREE PLANTED