

# Plant Cost Optimization Concept

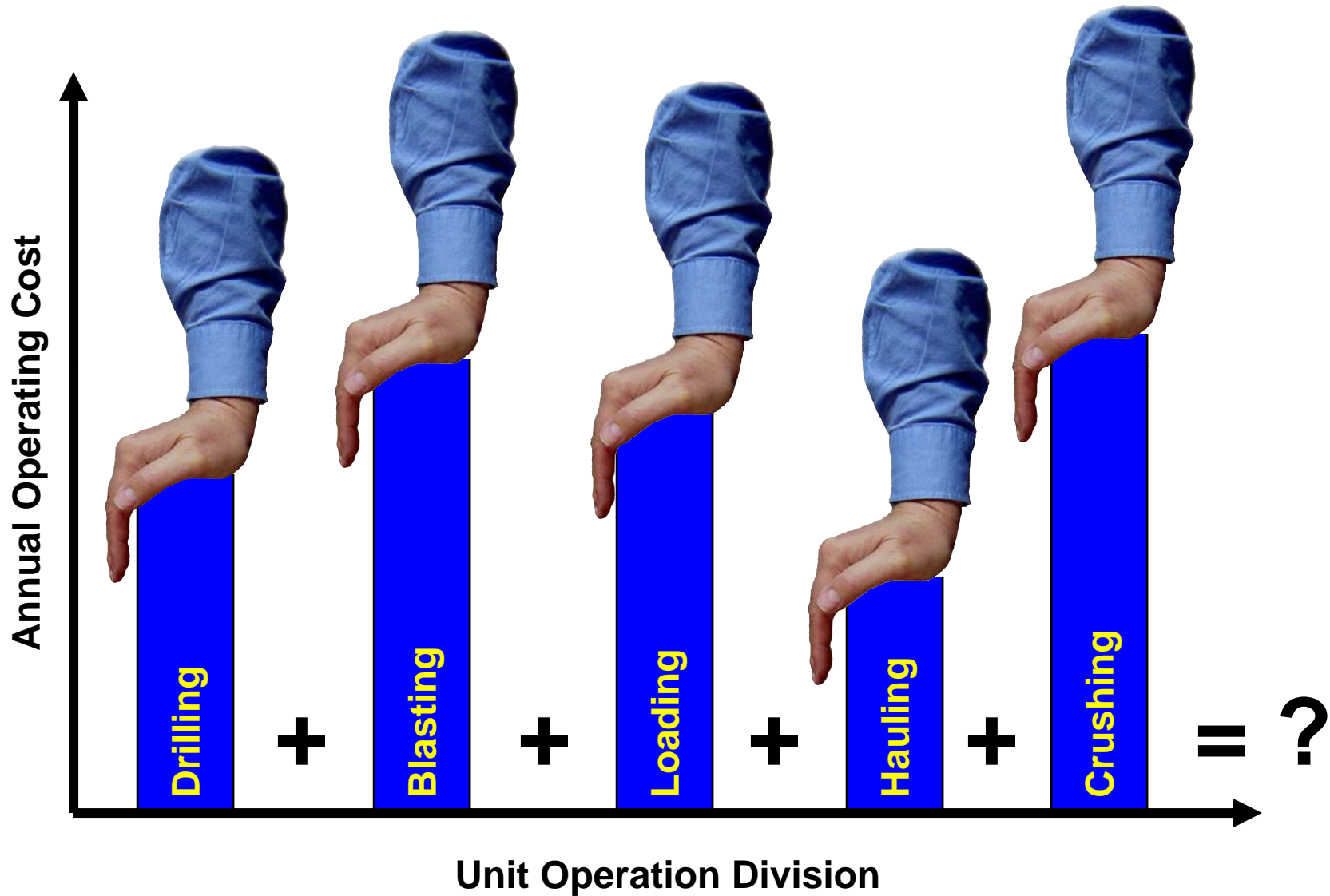
Bill Hissem



Improving Processes. Instilling Expertise.



# Cost Optimization According To The Accountants Balance Sheet.

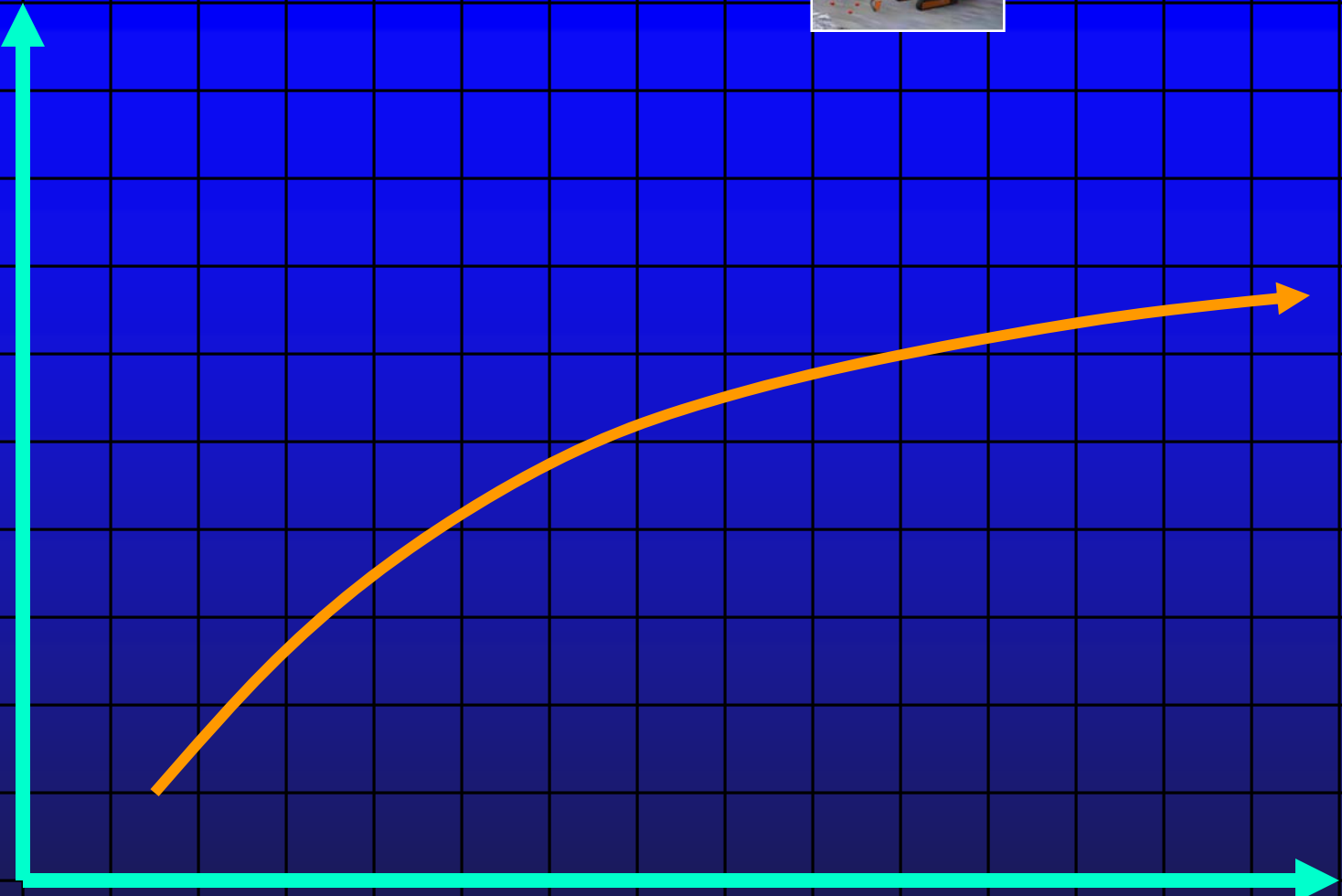






# Drilling

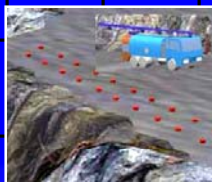
\$ per Ton



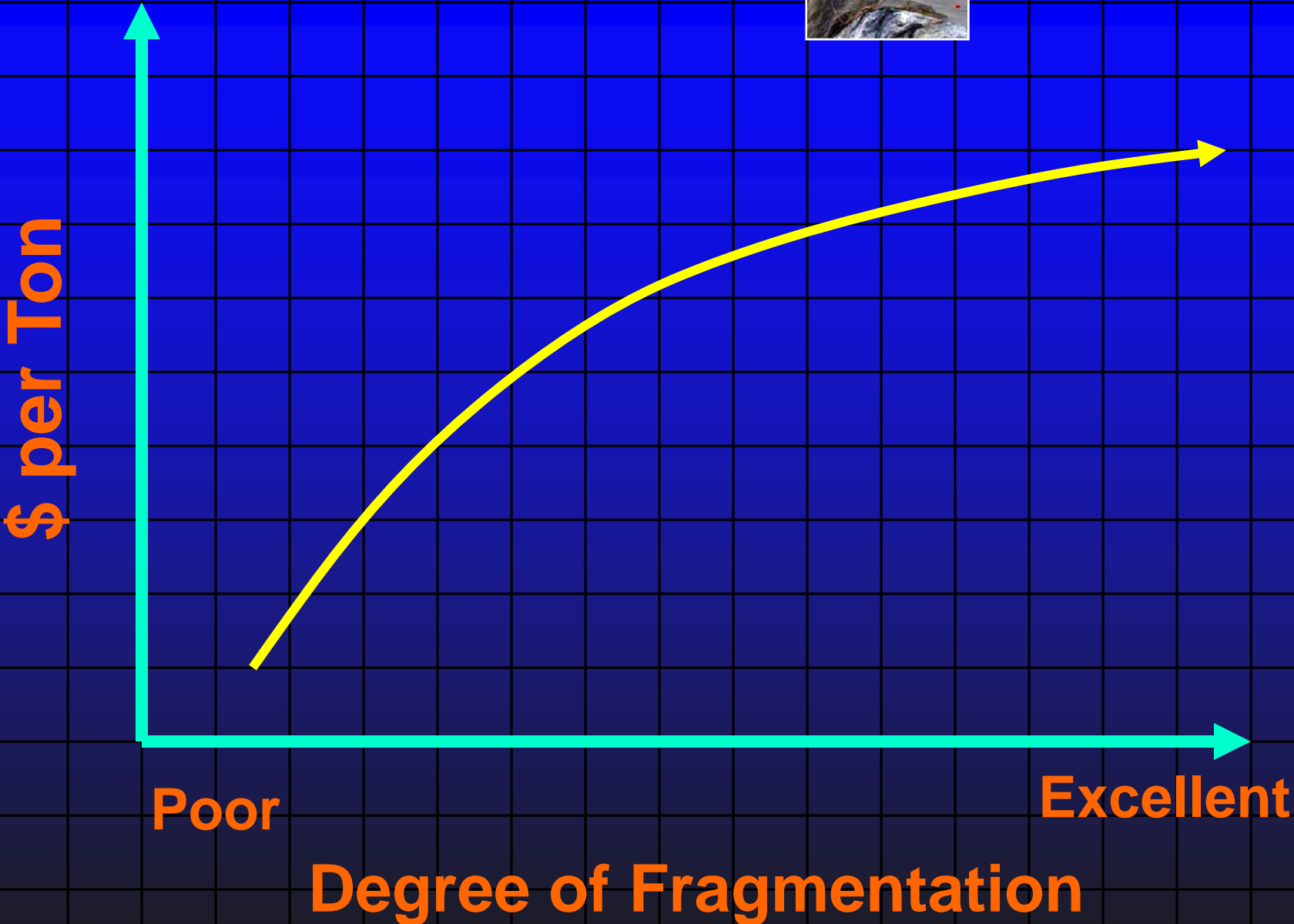
Poor

Excellent

Degree of Fragmentation



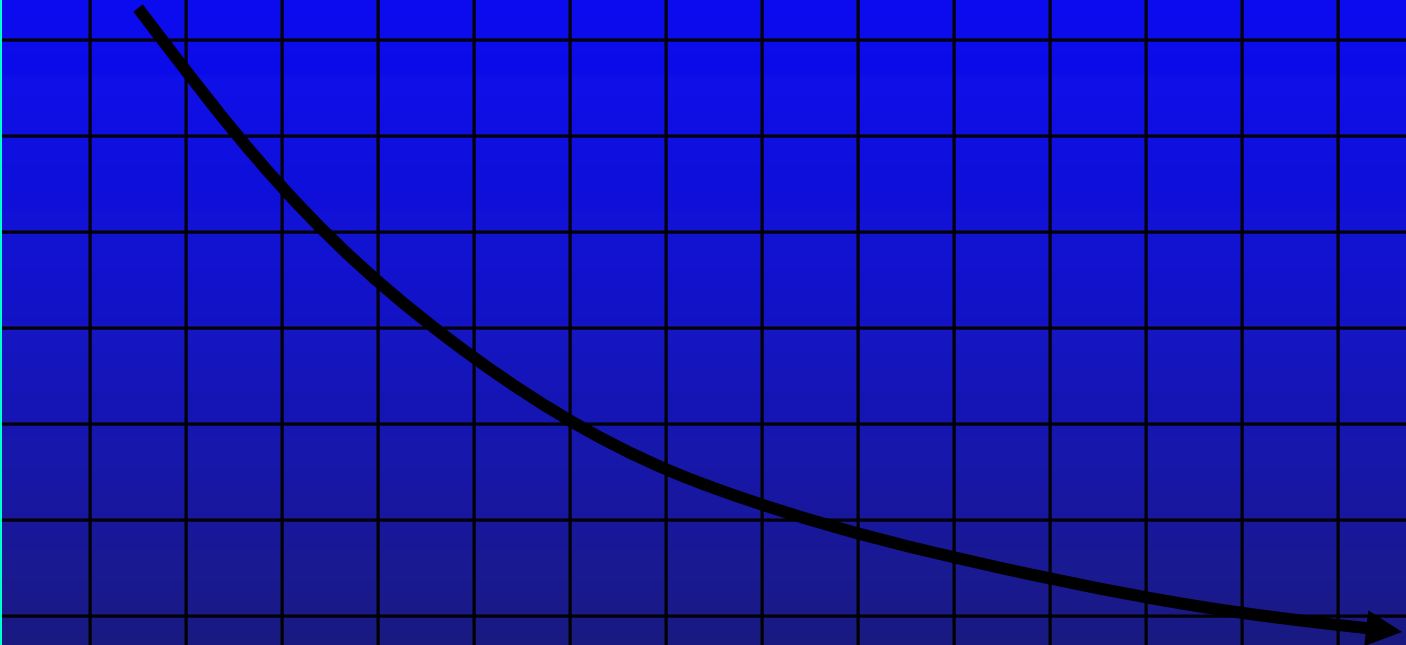
# Blasting





# Secondary Breakage

\$ per Ton



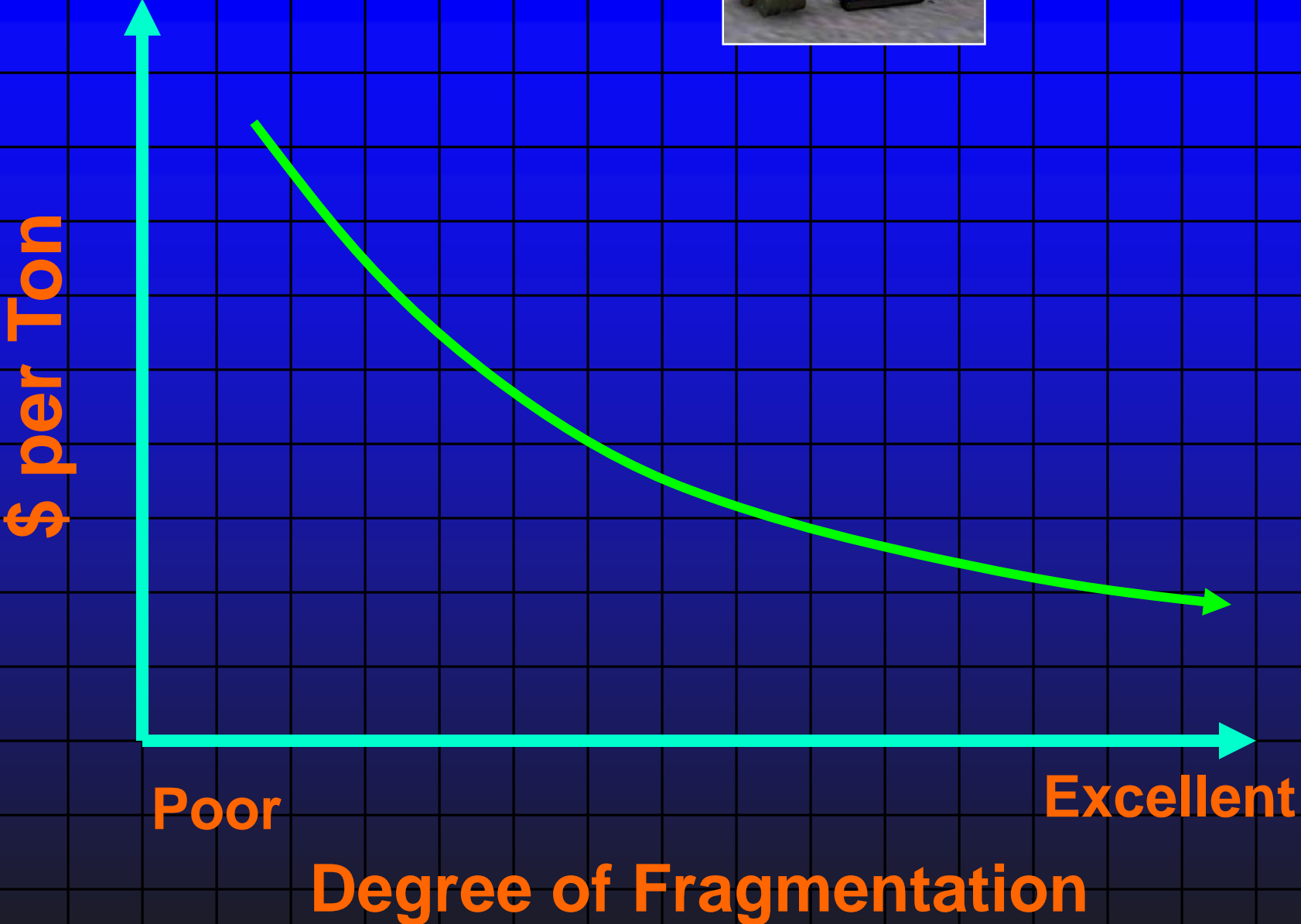
Poor

Excellent

Degree of Fragmentation



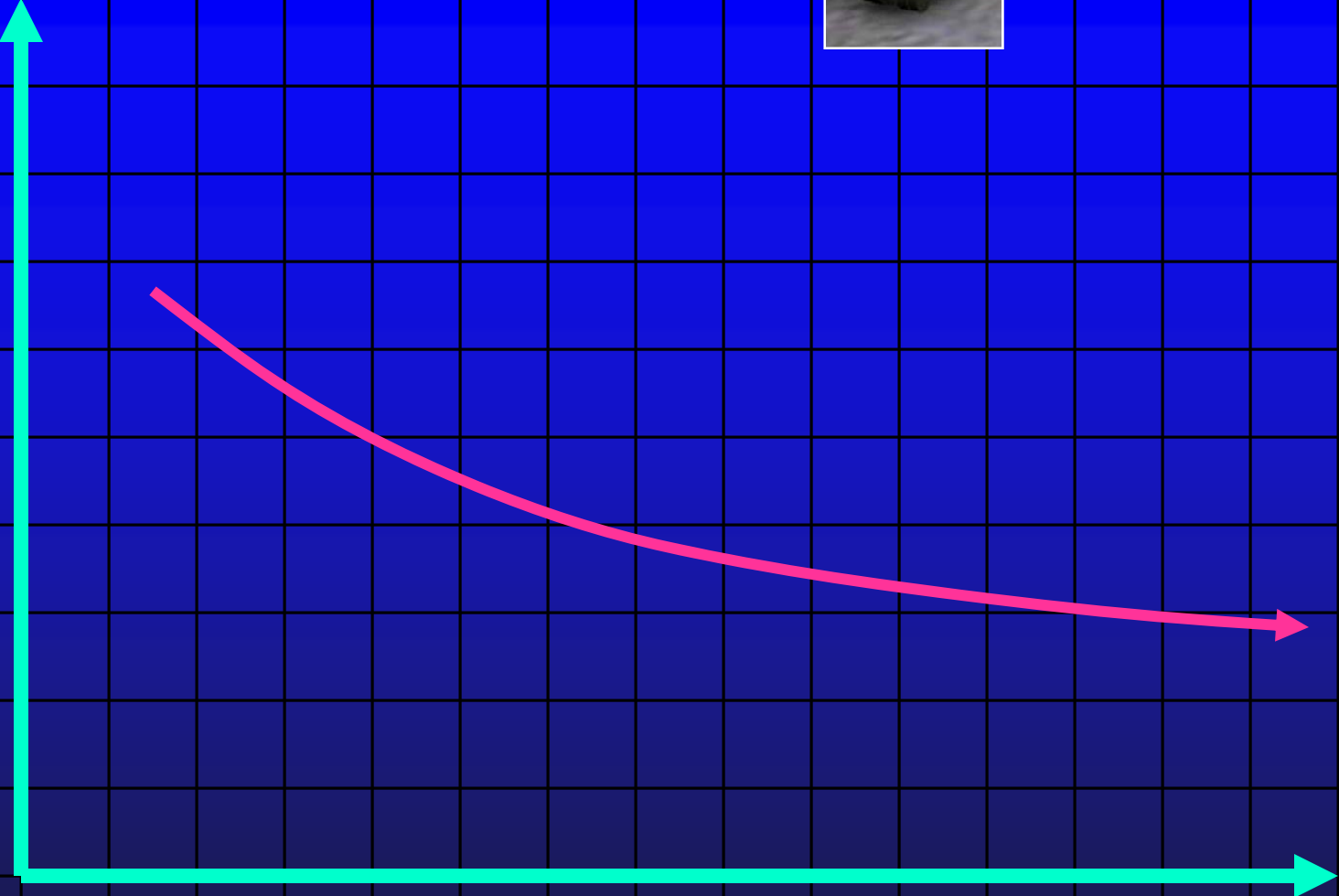
**Loading**





**Hauling**

**\$ per Ton**



**Poor**

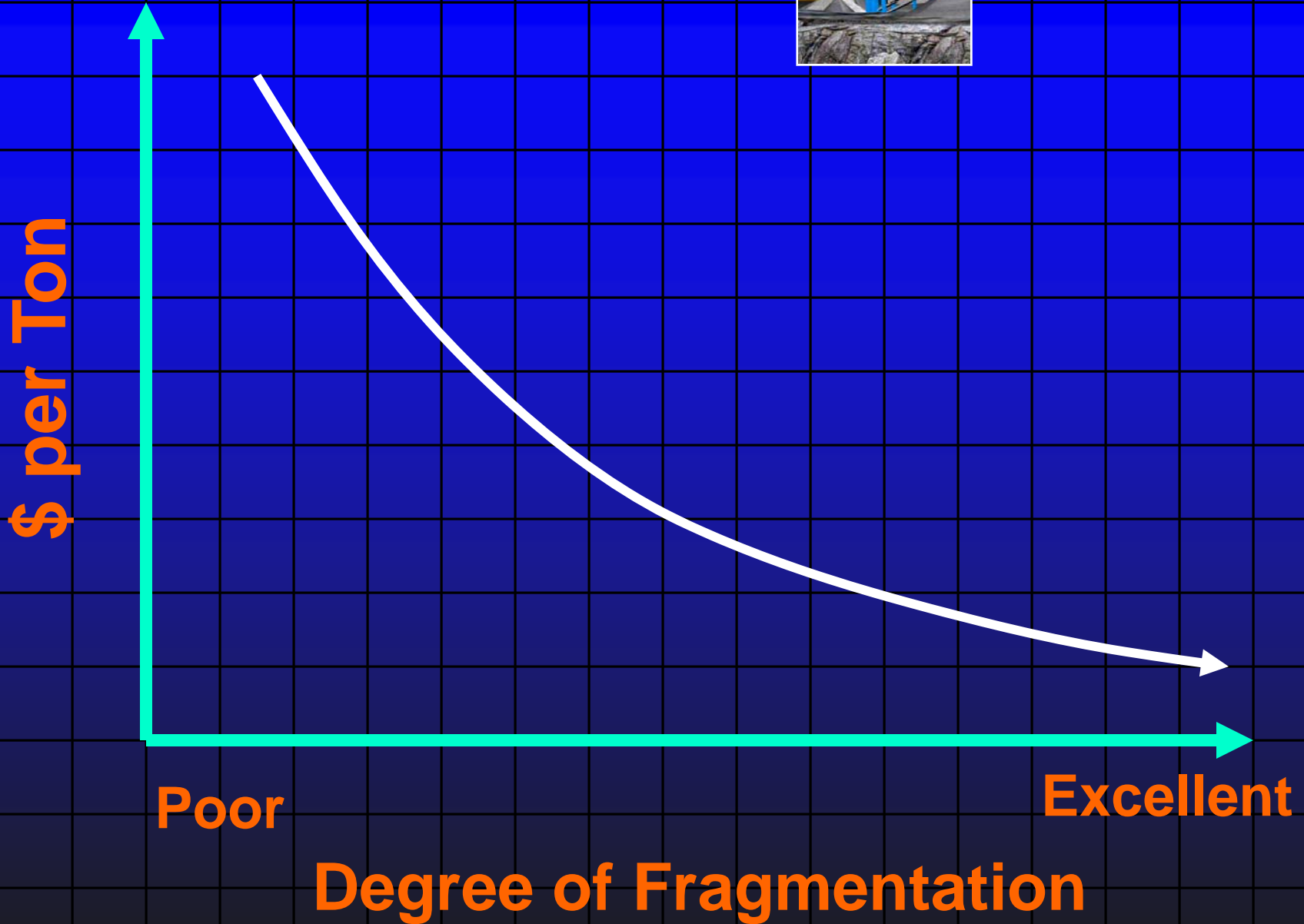
**Excellent**

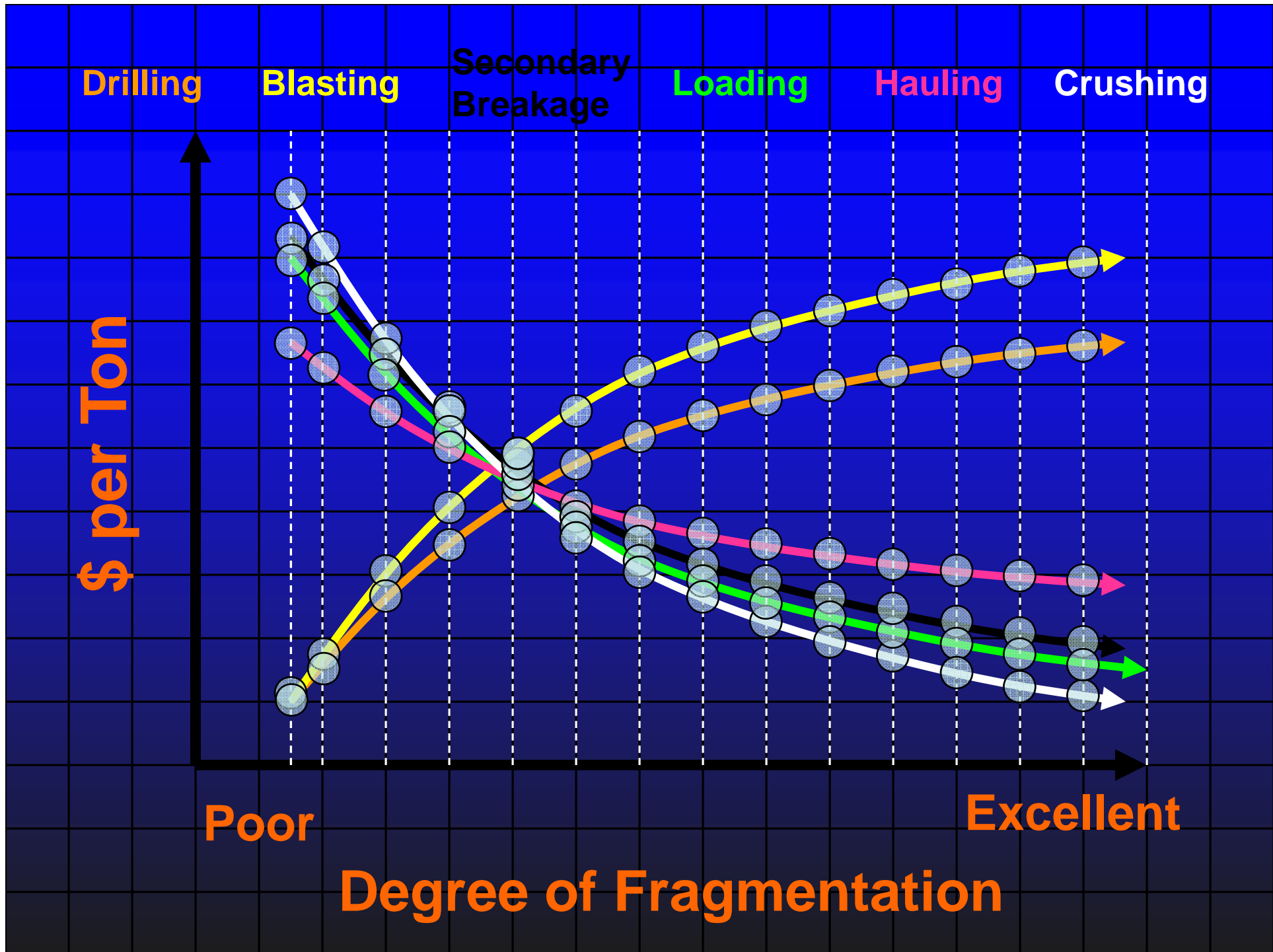
**Degree of Fragmentation**





# Crushing





# Combined Unit Operational Costs

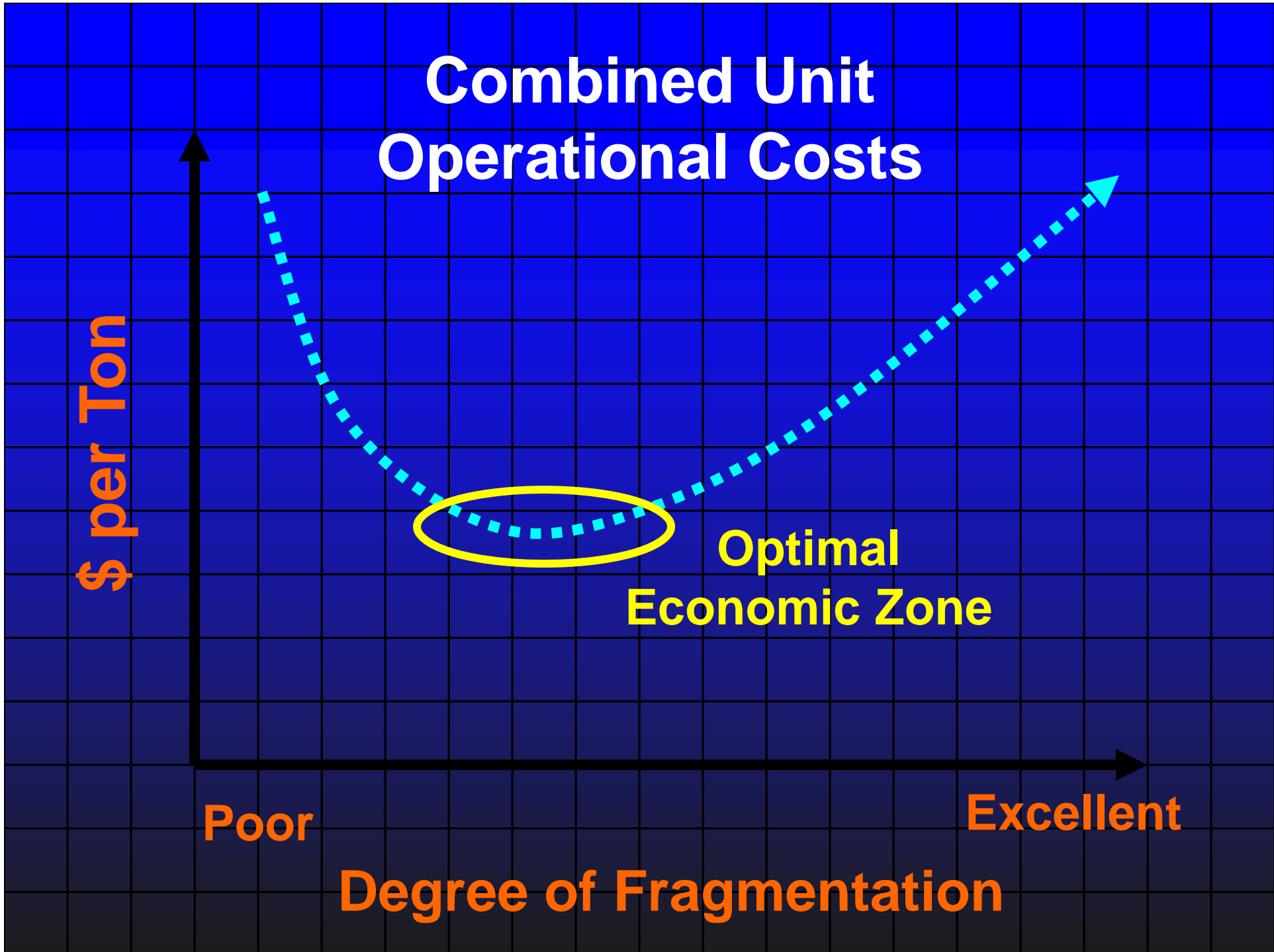
\$ per Ton

Optimal Economic Zone

Poor

Excellent

Degree of Fragmentation



# What drill do I pick?

