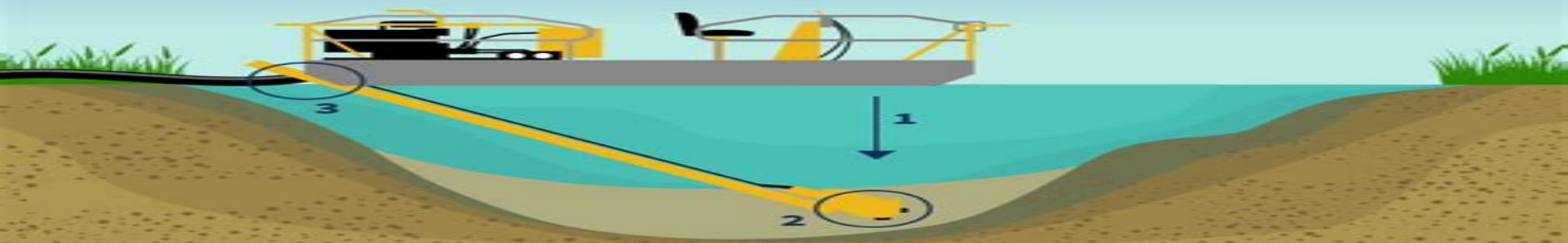


HOW DOES **DREDGING** WORK?



1

The operator of the dredge **lowers the boom** to the bottom of the body of water.

2

A rotating cutter-bar then uses teeth to **loosen** the settled material, as the submersible pump **removes** the sediment from the bottom of the waterway.

3

The silt and debris are **transported away** for final processing.

THIS PROCESS IS USED FOR

- » creating waterways
- » re-opening channels
- » restoring shorelines
- » maintaining ecosystems
- » gathering construction materials
- » removing trash and debris
- » reconfiguring waterways
- » increasing waterway depth
- » mining for metals
- » and more



Modern Dredging Practice

John R. Dunlap



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Modern Dredging Practice Rolt Hammond, 1969 **Handbook of Dredging Engineering** John B. Herbich, 1992
Contains information on today's theory and practice of dredging engineering including up to date facts on equipment and how to choose the right machinery for a given job major dredging methods new data on handling dredge spoil a critical environmental problem dredging project management and planning and coverage on dredging inland waterways navigation channels underwater construction and offshore facilities *The Engineering Index Annual for ...*, 1912 **Technical Report HL. Hydraulics Laboratory (U.S.)**, 1979 **Engineering and Mining Journal**, 1900 **Report of the Director of the Mint Upon the Production of the Precious Metals in the United States**, 1906 **Hydraulically Transported Clay Balls** Stephen D. Richter, Dov Leshchinsky, 1994 **Coastal, Estuarial and Harbour Engineer's Reference Book** Michael B Abbott, W. Alan Price, 1993-11-11 A major new reference book bringing together wide ranging expert guidance on coastal engineering including harbours and estuaries It covers both traditional engineering topics and the fast developing areas of mathematical modelling and computer simulation **The Mining World**, 1907 **Dredging** Denis Yell, J Riddell, Institute of Civil Engineers, 1995-10-06 This guide highlights the particular problems of excavating from underwater sites and describes the methods and equipment developed to overcome them All the stages of dredging are considered from project design specification and site investigation to supervision of the actual dredging works *Mining and Engineering World*, 1907 **Report of the Director of the Mint Upon the Production of the Precious Metals in the U.S.** United States. Bureau of the Mint, 1906 **Industrial Management** John R. Dunlap, 1907 *Factory and Industrial Management* John Robertson Dunlap, Arthur Van Vlissingen, John M. Carmody, 1908 *Dredging in Coastal Waters* D. Eisma, 2005-12-22
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