

## **ITOP 2-2-604(1)**

### ***TRACKED VEHICLE DRAWBAR PULL ON SOFT SOIL***

#### **SCOPE**

This document describes procedures for determining drawbar pull characteristics of tracked vehicles on soft soil (sand and fine-grained soils). Drawbar pull on soft soil provides an important measure of vehicle mobility during operations over adverse terrain. It represents the power available beyond that required to overcome soft terrain power losses such as track slippage, ground resistance to motion, and hull drag resistance. (Results from sand course testing are directly comparable; results from testing in fine-grained soils require a correlation study.)