



## Performing tests and evaluations

The unique facilities available through DRES permit Canada to be an active participant in the International Test and Evaluation Program which is aimed at providing global standardized testing of new demining technologies. CCMAT uses these test facilities in its role as an assessment agency. A comprehensive evaluation by CCMAT helps Industry Canada commercialize and market demining technology.

## Investigating alternatives to anti-personnel mine capabilities

Objections by some states to adopting the AP Mine Ban Convention on the grounds that these weapons are a useful and cost-effective military option remain one of the most serious obstacles to the universalization of the treaty. That is why Canada is committed to investigating alternatives. It is hoped that credible research into the impacts of removing these weapons systems from military force structures will have a positive influence on hold-out states.

In this context, an operational research

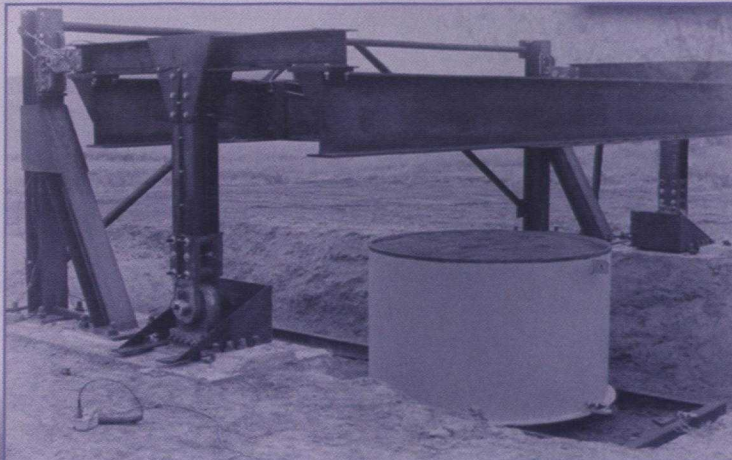
study of the role of the AP mine in warfare is underway. This study will determine the impact of removing AP mines from land force operations, and investigate what, if any, replacement technologies are necessary. Once the study is completed, CCMAT will investigate alternatives that provide the security advantages of landmines without leaving their deadly legacy.

## Commercialization

Within CCMAT, Industry Canada is helping commercialize appropriate technologies and innovations for humanitarian demining and victim assistance. One technology being advanced is a brush cutter which may significantly increase the effectiveness of demining operations.

To inform Canadian companies of the assistance available to them, Industry Canada has developed a Web site listing the opportunities for commercialization of current products. Through *Strategis*, Industry Canada's flagship Internet tool for business information, companies are encouraged to register themselves and their products with the on-line directory.

*Right: This structure measures the blast effects of charge sizes up to 2 kg.*



*Below: This blast tube is used in evaluating protective equipment and investigating blast effects on the human body, using dummies. Explosive force of up to 100 pounds-per-square-inch can be simulated in the tube.*