

## 10.0 RECOMMENDATIONS

Based on the information collected during this study and discussions held with other international mine manufacturers, SNCIT recommendations are as follows:

- i) Replace the existing C3 and M16 anti-personnel mines in the Canadian Forces inventory with new generation of anti-personnel mines containing self destruct capabilities.
- ii) No changes are required for the remote command fused anti-personnel mine M18, as long as unused mines are recovered after its intended use.
- iii) Retrofit pressure fused anti-tank mines Mk7, M15 and DM21 with seismic or magnetic influence detection fuse having programmable self neutralization time.
- iv) Retrofit tilt rod fused anti-tank mine M21 with an electronic impulse pressure fuse with a self destruct capability.
- v) Retrofit existing seismic, acoustic or magnetic influence fused anti-tank mines without any special features, with electronic fuses having either a self destruct or self neutralizing capability wherever economically justifiable.
- vi) Consider replacement of these anti-tank mines currently incorporating seismic, acoustic or magnetic influence fuses but without any special features and where retrofitting is not cost effective, with new generation of mines incorporating a programmable self destruct of self neutralizing capability. Consider a passive self deactivation mechanism as an option on these mines.