L-17  20mm cartridges
L-18  7.92mm cartridges
L-30  Copy of US M9A1 type rifle grenade
L-32  12.7mm API cartridges
L-33  25mm flare cartridges (N-29) CHICOM export
L-39  40mm antitank grenade, Soviet PT-2, Chicom type 56, and
      Viet Cong B.40
L-39  7.62mm type 56 (ball)
L-39  (VC) 7.62mm type 56 (APF)
L-39  (VC) 7.62mm type 56 (tracer)

Grenades and Explosives
N-6   RKL-3T antitank grenade
N-7   Stick grenade (defensive)
N-8   Copy of US MIA! mine
N-13  Stick grenade (offensive)
BT-1  Nonelectric blasting cap
BT-2  Pull friction igniter
N-5   TNT block (200 grams)
1. **Area clearance** - A non-combat operation involving the removal or destruction of mines and booby traps, normally taking place after enemy forces have been driven from the area.

2. **Arming** - The removal of safety devices or preparation of firing mechanism so that an explosive device is changed from a safe condition to a state of readiness to explode.

3. **Blasting Cap** - A small, thin walled cylindrical case containing a sensitive explosive such as mercury fulminate or crystalline PNTM. It is used as a detonator to set off another explosive charge. There are two types in military use, one fired by an electrical current and the other fired by flash from a safety fuse or percussion cap.

4. **Booby trap** - A device that will injure a person who disturbs an apparently harmless object or performs a presumably safe act.

5. **Booster** - A high explosive element, sufficiently sensitive to be activated by a small explosive element in a fuse or firing device, and powerful enough to cause detonation of a main explosive charge.

6. **Communications/liaison station** - A way station operated by the local Communications/liaison Committee used to provide rest facilities and any additional information destined for those passing through.

7. **Defusing** - Removing a fuze or firing device from a mine or booby trap.

8. **Delay element** - A device installed in a fuze or firing device to delay firing.

9. **Detonator** - A high explosive element used in an explosive train to create or transmit a detonation wave to a booster or to a main charge of high explosives.

10. **Disarming** - Making explosive items safe by proper replacement of all safety devices or by removal of fuzes or other initiating elements.

11. **Firing device** - A mechanism used to initiate a train or fire or detonation in booby traps, mines, or demolition charges. It is generally a separate item of issue. When fitted with a non-electrical blasting cap it may be used as a mine fuze or anti-lift device or to set off prepared explosive charges.
12. **Friction igniter** - A friction igniter is a device designed to fire either a detonator or a blasting cap or to ignite an attached fuze. Pulling a stripping wire causes a coiled wire or friction cord to be stripped through a flash or friction compound. This action ignites the compound which in turn fires the detonator, cap, or fuze.

13. **Fuse (time or safety)** - A flexible, waterproofed fabric tube containing a filler of black powder that transmits a flame to ignite an explosive charge or non-electric blasting cap. Burning slowly at a uniform rate, the safety fuse allows a person firing a charge to reach a safe place before detonation occurs.

14. **Fuse lighter** - A device used to ignite a safety fuse.

15. **Fuse** - A fuze is a mechanical device used to initiate a detonation. Fuzes are provided in many forms and sizes. Some have instantaneous action while others have some sort of a delay mechanism. There is a difference between fuze and fuse. A fuse is a burning device that transmits a flame to ignite non-electric blasting caps, firecrackers, or similar items.

16. **Gunrunner** - Ships of the North Vietnamese Navy used to infiltrate weapons, ammunition, and explosives into RVN.

17. **Karat** - Limestone areas characterized by many sinkholes, valleys separated by steep walled limestone ridges, disappearing streams, and little or no surface drainage, are said to exhibit karst topography.

18. **Laterite** - A red, hard clay soil of extremely high mineral content.

19. **Mine** - A mine is an explosive device designed to destroy or damage vehicles, ships, boats, or aircraft or to wound or kill personnel. It may be detonated by action of its victim, by the passage of time, or by controlled means.


21. **Sampan** - A sampan is a Vietnamese shallow draft water craft, a cross between a canoe and a pirogue.

22. **SLAR** - Side-looking airborne radar.

**ABBREVIATIONS**

1. **RVN** - Republic of Vietnam

2. **ARVN** - Army of the Republic of Vietnam
3. FWMAO - Free World Military Assistance Organization
4. RVNAF - Republic of Vietnam Air Force
5. NVA - North Vietnamese Army
6. NVN - North Vietnam
7. VC - Viet Cong
8. COSVN - Central Office of South Vietnam
9. LOC - Line of Communication
10. DMZ - Demilitarized Zone
11. HMG - Heavy machinegun, 7.92mm to 12.7mm
12. TOE - Table of Organization and Equipment
13. USASF - United States Special Forces
14. AKA - Also known as
15. CICV - Combined Intelligence Center, Vietnam
16. CMIC - Combined Military Interrogation Center
17. CDEC - Combined Document Exploitation Center
18. Military Region - Viet Cong equivalent of ARVN-designated Corps Tactical Zones
19. CTZ - Corps Tactical Zones
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ANNEX C

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This volume presents a collection and evaluation of information on enemy mining activities in EVN identifying vulnerabilities and evaluating the effectiveness of our intelligence effort.

This volume also covers in considerable detail the enemy's extensive supply system both from out-of-country as well as in-country sources. Considerable emphasis is placed on the enemy's production, supply, storage, and transportation of mines and booby traps.

It was recommended that enemy mine warfare information developed in this study be used as a basis for further development of the countermine program; that a specific effort be made for continuous collection of enemy mine warfare information; that mine and booby trap publications be revised; and that newly assigned intelligence officers be given orientation on the organization and functions of the intelligence systems in EVN.
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