



UNITED STATES MARINE CORPS  
MARINE CORPS BASE  
CAMP LEJEUNE, NORTH CAROLINA 28542

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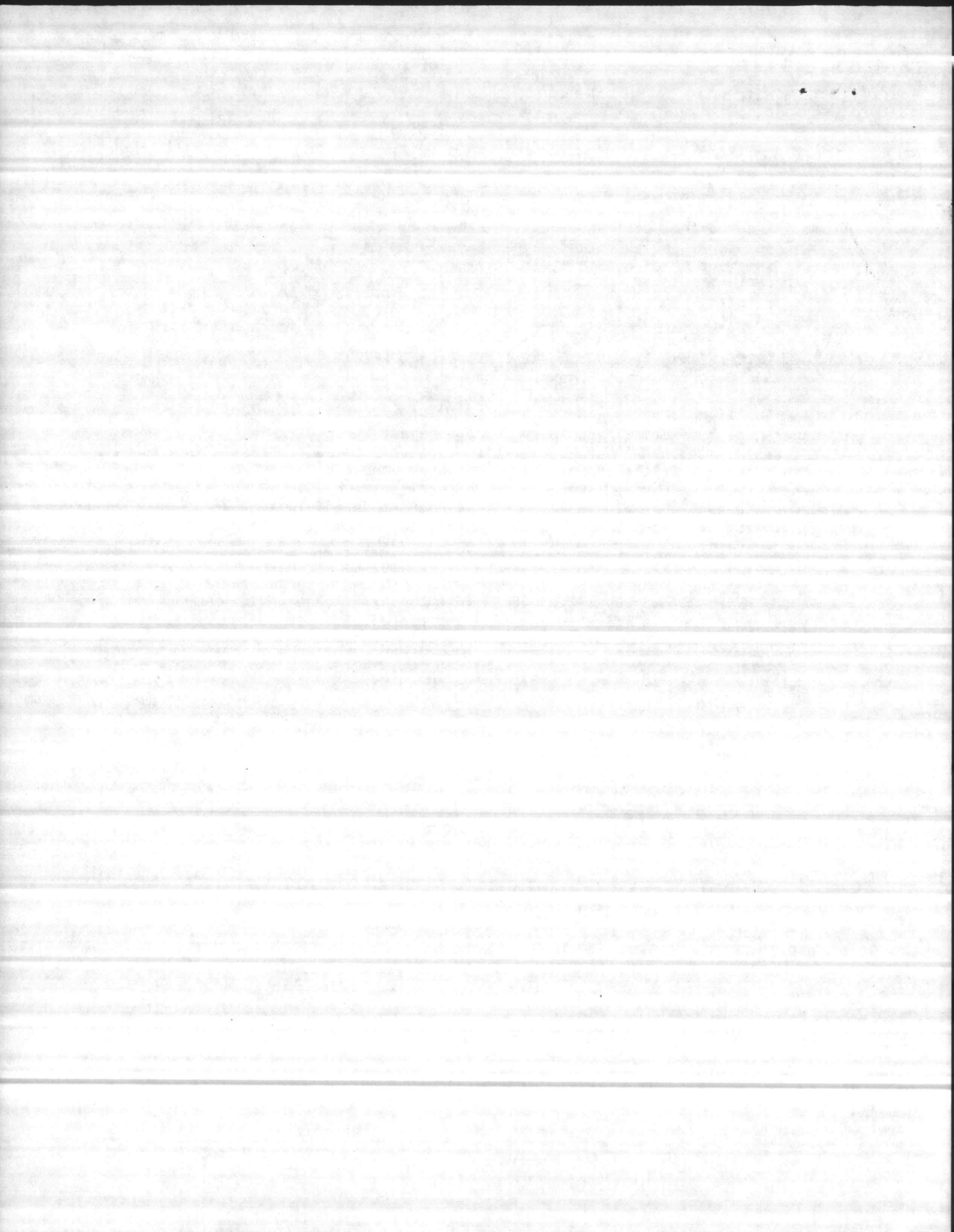
IN REPLY REFER TO  
RCTL/HBR/kes  
11000  
11 Jan 84

From: Range Control Officer  
To: Assistant Chief of Staff, Facilities  
Via: Assistant Chief of Staff, Training

Subj: Infantry Weapons Range G-3; request for establishment of  
Ref: (a) MCO P3570,1A/AR 385-63  
Encl: (1) Map showing Proposed Range  
(2) Preliminary Environmental Assessment (PEA)  
(3) Description of Proposed Range

1. Introduction of new weapon such as the MK-19, 40mm gun system has established a requirement for Marine Corps Base, Camp Lejeune, North Carolina to provide a live fire training range for use of this weapon system and others, such as the SMAW and Dragon. At the current time no range currently exists that will accommodate the MK-19 Gun System. Because there is also a need for an Infantry Weapons Range on the east side of New River, it is requested the Range G-3 (Infantry Weapons Range) be established to meet these requirements.
2. The total area to be cleared is shown in enclosure (1) has no economic value and will have no significant environmental impact. It is requested that the Preliminary Environmental Assessment (PEA) in enclosure (2) be reviewed and if necessary, an Environmental Assessment (EA) be prepared. Enclosure (3) provides a description of the proposed range and the weapons systems to be used.
3. Point of contact is: MSgt Moses, Range Maintenance Chief, phone 5211.

*[Handwritten Signature]*  
K. W. ZIYZ





G-3 INFANTRY WEAPONS RANGE

CAMP LEJEUNE

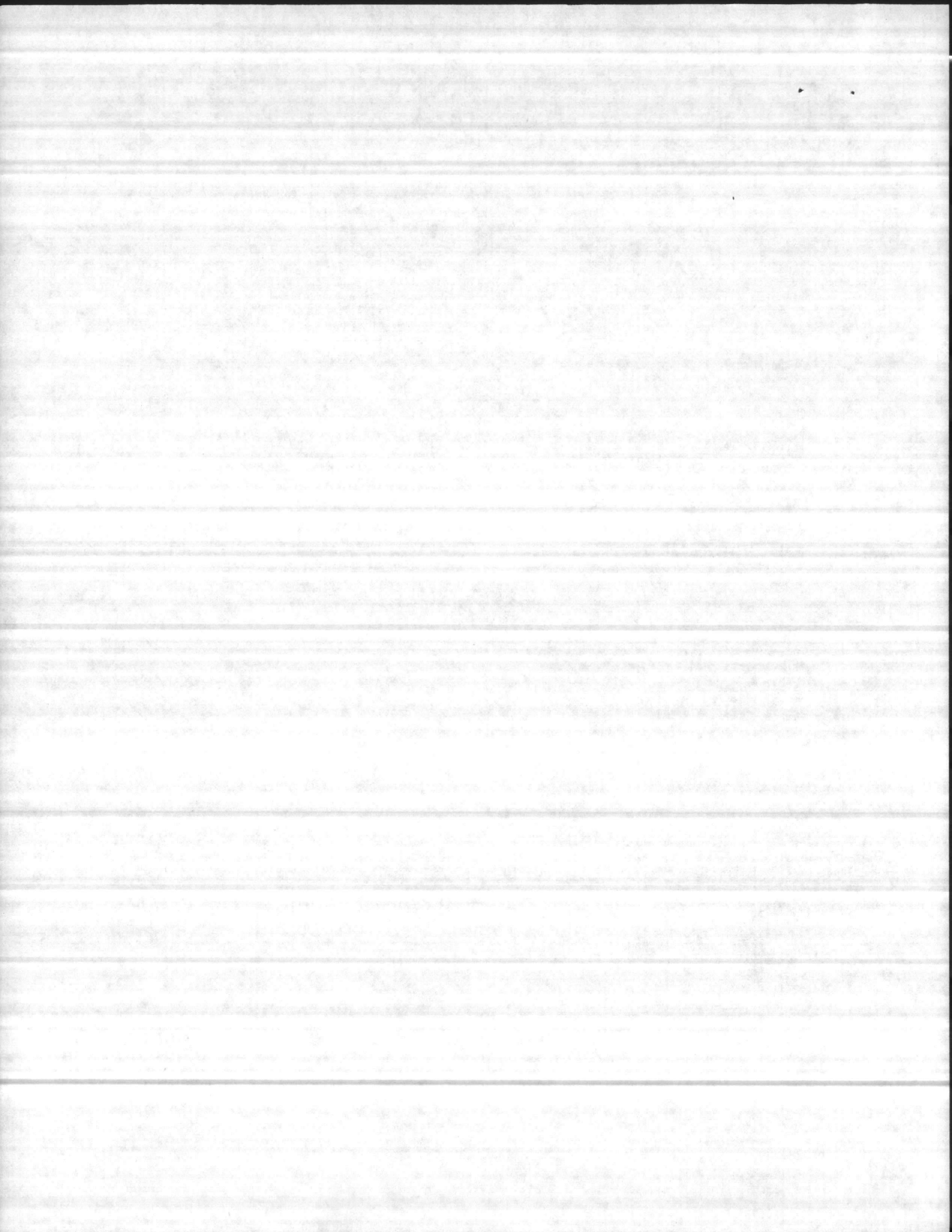
MILITARY RESERVATION

AREA "A"

IMPACT AREA

AREA "A"

ENCLOSURE (1)



PRELIMINARY ENVIRONMENTAL ASSESSMENT  
FOR  
G-3 INFANTRY WEAPONS RANGE

1. Enclosures. Map showing proposed range.

2. Purpose and Need

a. The purpose of this proposed action is to provide the Marine Corps Base (MCB), Camp Lejeune, North Carolina with a multi-purpose "Infantry Weapons Range". This range will be used to:

(1) Teach grenade launcher firing techniques and to prepare grenade combat situations.

(2) Teach the skills needed to defeat armored vehicles with light antiarmor weapons.

(3) Teach the techniques of firing flash weapons at point and area targets.

(4) Teach mortar crews and forward observers to maintain technical proficiency in mortar firing.

(5) Teach the techniques of engaging targets with medium and heavy antiarmor weapons.

(6) Teach firing at targets comparable to battlefield ranges developing speed in target engagements, and developing confidence in individual ability.

b. Project Description

(1) This project generally consists of the following:

(a) Removal of brush and trees.

(b) Construction of a firing berm.

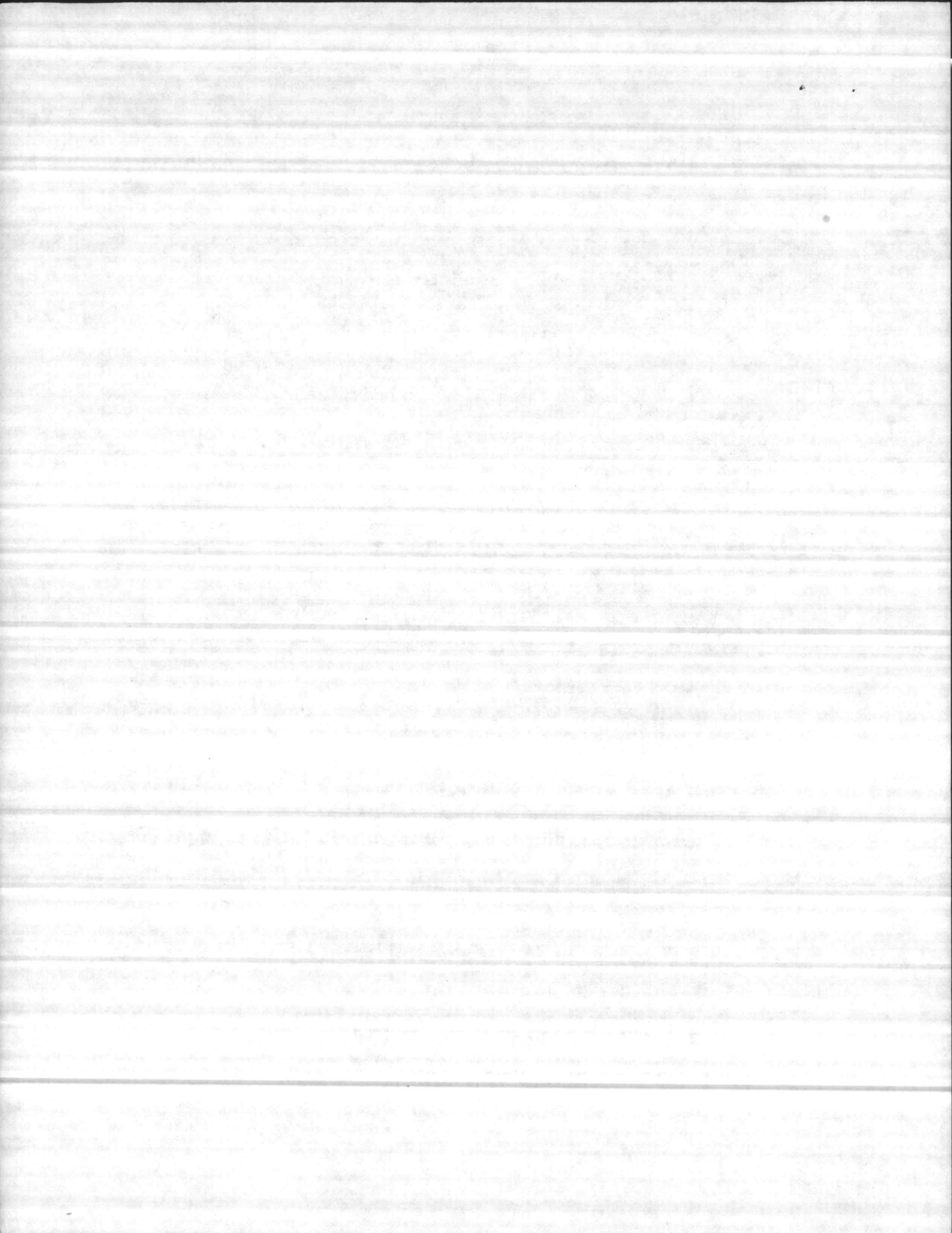
(c) Landscaping of the range to establish permanent grasses for erosion control and to facilitate maintenance.

c. Site Selection. The site is located on Enclosure (1). The location is currently part of the surface danger area for Range G-10 and will utilize some of the existing targets in the G-10 Impact Area. The site was selected because the terrain allows for visibility of targets at ranges up to 2500 meters.

d. Range Characteristics

Firing Line Width - 100 meters

Target Area Width - 350 meters at 200 meters from the



firing line expanding out to 1200 meters at 960 meters from the firing line.

Minimum Range Depth - 2500 meters

Target Configuration - Static personnel and material targets.

e. Compliance With Environmental Requirements

(1) Air Quality: No emissions are anticipated.

(2) Land Quality: Erosion control measures will be included in the project design. Construction management will provide preventive measures to contain all sediment on site. Reseeding of disturbed areas and vegetative cover on the cleared area will be accomplished within 30 days of completion of construction.

(3) Clean Water Act: No discharge of wastes to surface waters will occur during range development or subsequent use.

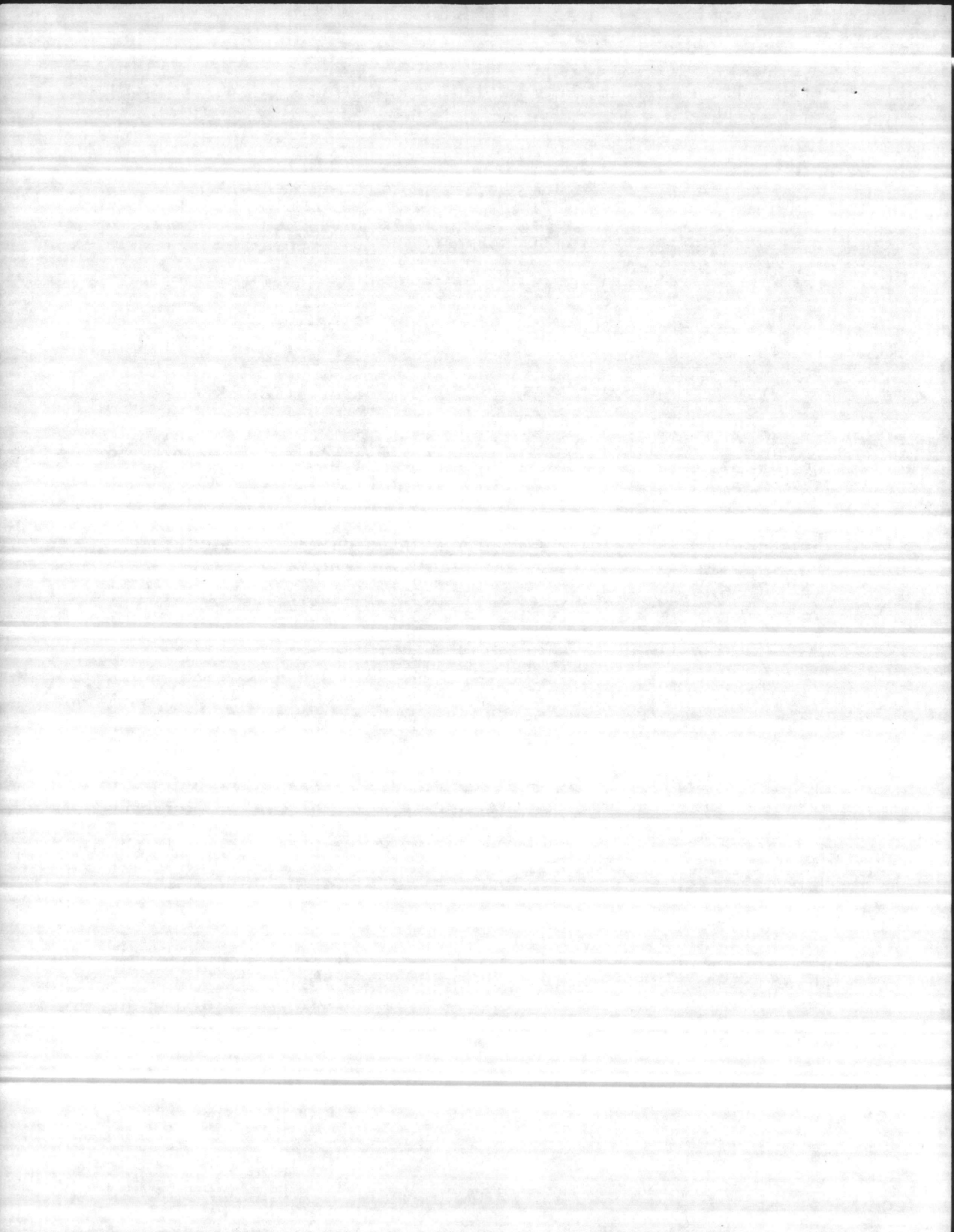
(4) National Historic Preservation Act: No significant cultural resources are located on the project site.

(5) Executive Order 11990 Protection of Wetlands: disturbance of wetlands will be avoided during clearing and earthmoving.

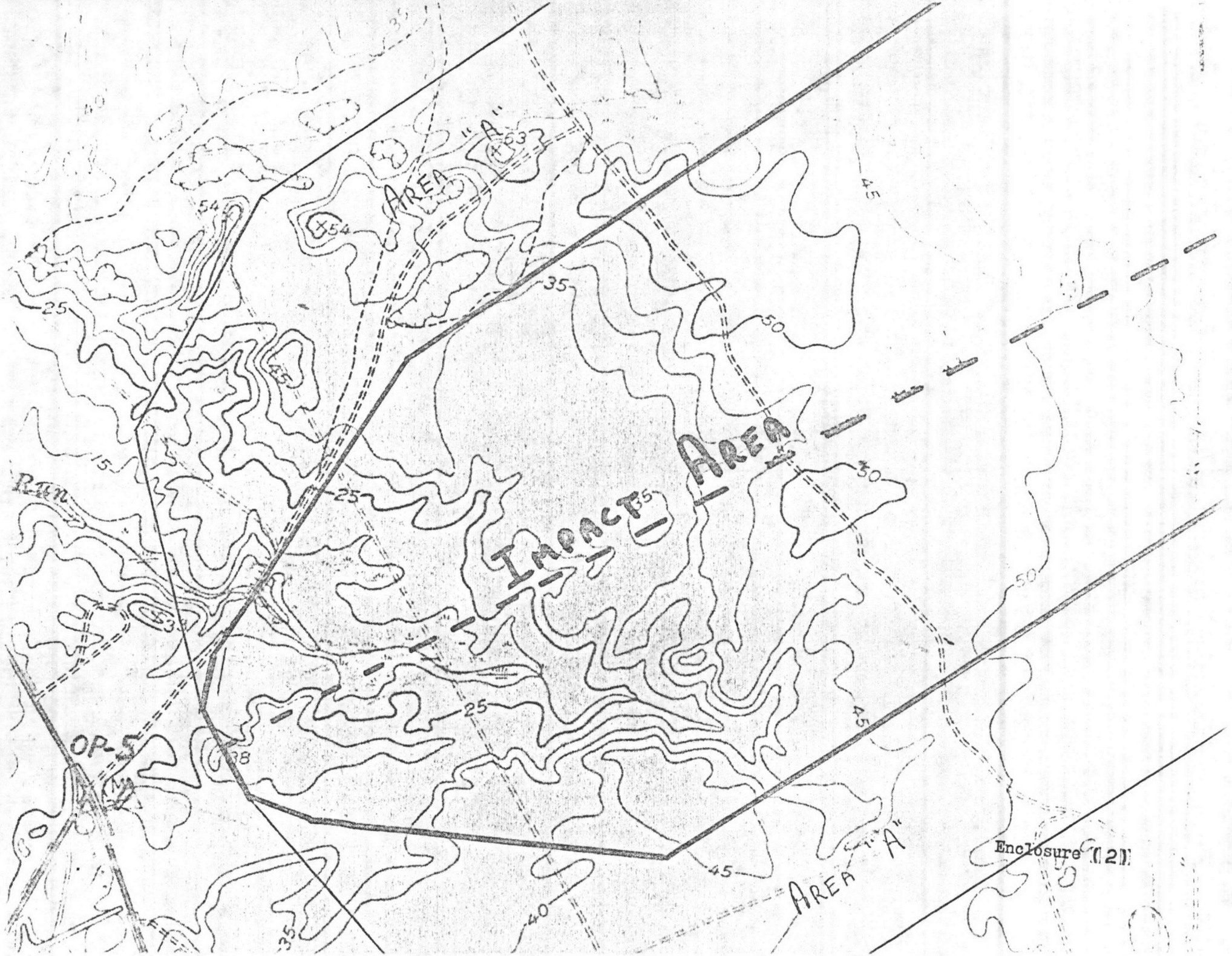
(6) Endangered Species Act: The impact of this project on the habitat of the Red-Cockaded Woodpecker is negligible. This statement is based on the determination that the habitat of this species does not occur within the area to be affected by clearing and earthwork.

f. Conclusion. The development for G-3 Infantry Weapons Range will not result in significant environmental impact provided the measures described herein are followed. further, the project is not considered controversial, thus, preparation of an Environmental Assessment per Marine Corps Order 6280.5 is not required.

Enclosure (2)







**IMPACT**

**AREA "B"**

**AREA "C"**

**AREA "A"**

**OP-5**

**Run**

**Enclosure (2)**

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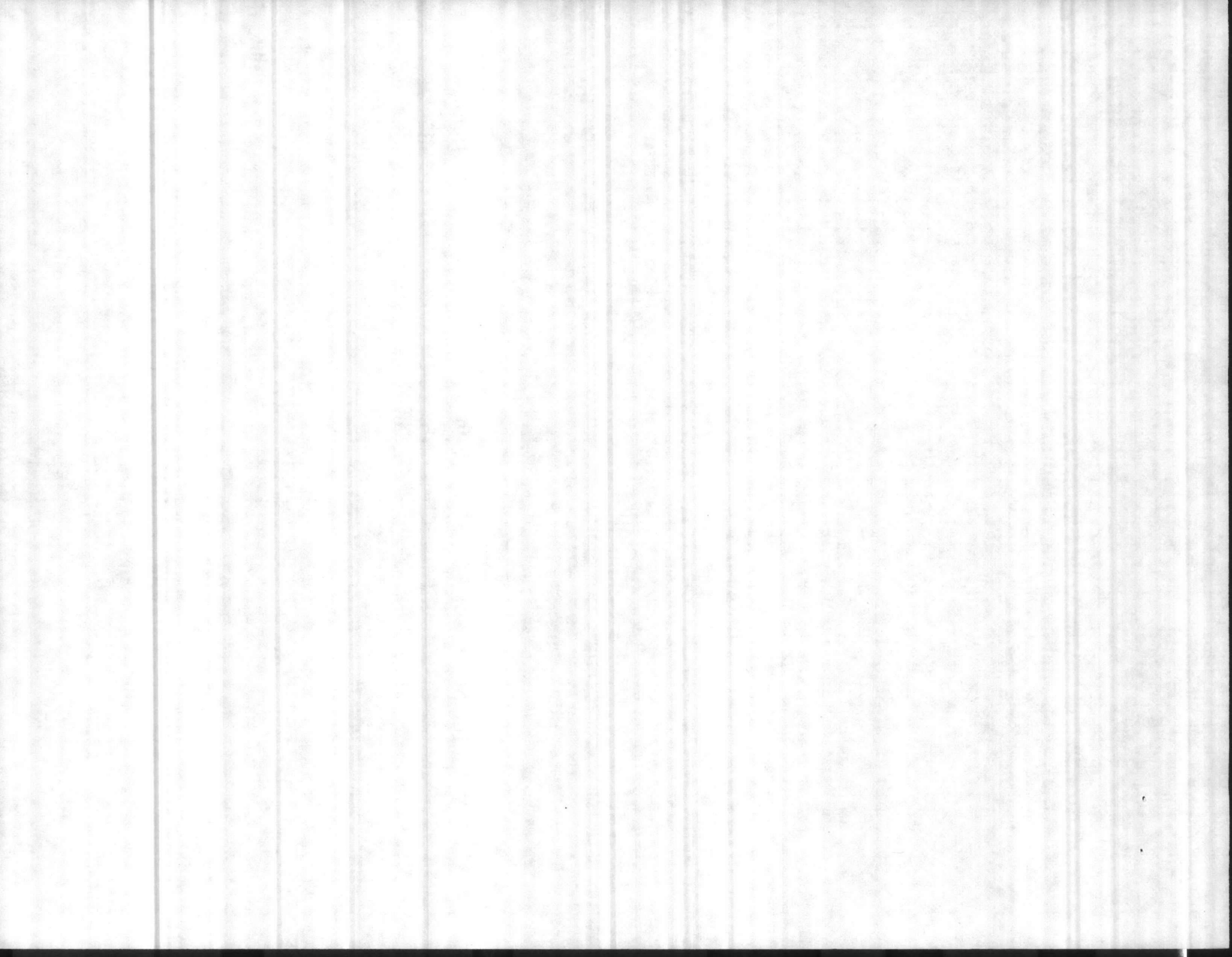
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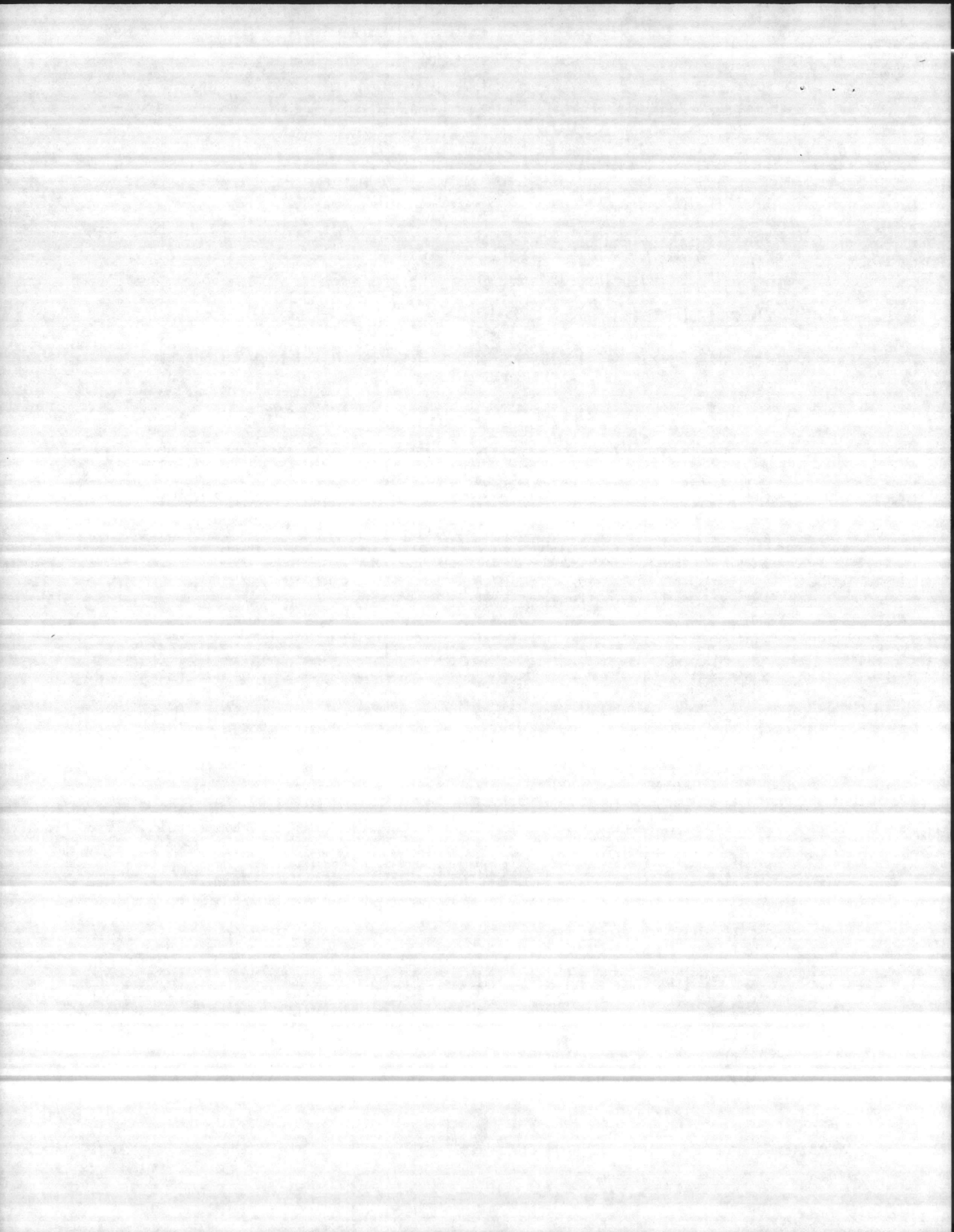
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## RANGE DESCRIPTION

1. RANGE G-3
2. LOCATION GS 8934
3. DESCRIPTION
  - a. Infantry Weapons Range
  - b. Area and point targets at varying ranges from 150 to 3000 meters.
4. AUTHORIZED FIRING
  - a. Weapons - All infantry weapons except Cal. 50 machine gun, 106mm recoilless rifle, and hand grenade.
  - b. Ammunition - Service
5. RANGE LIMITS
  - a. Right Flank Coordinates  
Azimuth 91 °G
  - b. Left Flank Coordinates  
Azimuth 29 °G
6. COMMUNICATIONS
  - a. Dial telephone (1431) available at OP-5.
  - b. See Section IV.
  - c. Dual communications required.
7. KNOWN INTERFERENCE. None
8. SAFETY EQUIPMENT. To be determined.

Enclosure (3)



9. RANGE PERSONNEL Officer in charge of firing
10. MEDICAL. Medical corpsman and military safety vehicle with driver.
11. SPECIAL INSTRUCTIONS
  - a. Insure that the minimum ranges for weapons comply with the safety criteria for the system.
  - b. No down-range movement is permitted unless accompanied by EOD personnel.
  - c. Report all duds to the Range Control Duty Officer (3064).

(Enclosure 3)

