



UNITED STATES MARINE CORPS

Range Control
Marine Corps Base
Camp Lejeune, North Carolina 28542

IN REPLY REFER TO:
RCTL/HBR/vec
11000
29 Mar 1984

From: Range Control Officer
To: Assistant chief of Staff, Facilities
Via: Assistant Chief of Staff, Training
Subj: Scaled Target Subcaliber Training Range J-2; request for establishment of

Encl: (1) Map Showing Proposed Range
(2) Preliminary Environmental Assessment (PEA)
(3) Description of Proposed Range

Ref: (a) 2D Assault Amphibian Battalion ltr 3/RSE/ew over 1500
dtd 8Mar84
(b) MCO P3570.1A

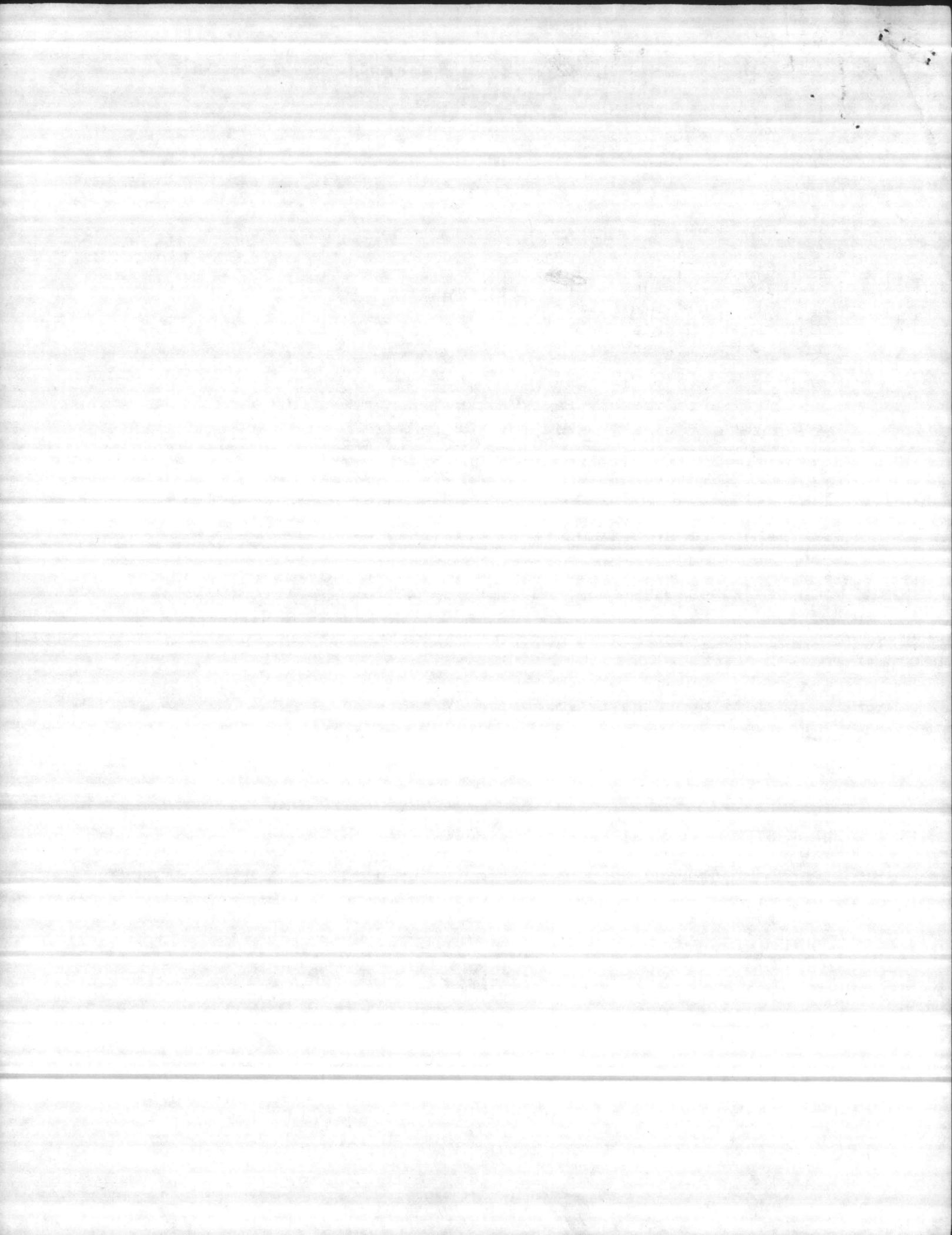
1. The high cost of ammunition, fuel and repair parts for Amphibian and Armored Vehicles have contributed to the difficulty experienced in maintaining a high degree of proficiency with the complex weapons systems used by these vehicles. At the current time, no range currently exists that is used for scaled target subcaliber training for amphibian and armored vehicles.

Reference (a) is a request by the 2D Assault Amphibian Battalion for revamping the J2 Battlesight Range to become a Scaled Target Subcaliber Training Range. In accordance with reference (b), and in order to meet the training requirements of tenant commands at Camp Lejeune, it is requested that the Range J2 be revamped for the Scaled Target Subcaliber Training System to meet these requirements.

2. The total area to be cleared is shown in enclosure (1) and will have no significant environmental impact. Enclosure (2) is the Preliminary Environmental Assessment (PEA) for the proposed range improvements. Enclosure (3) provides a description of the proposed range and weapons systems to be used.

3. Point of contact is: MSgt MOSES, Range Maintenance Chief, phone 5211/3542.


K. W. FITZ



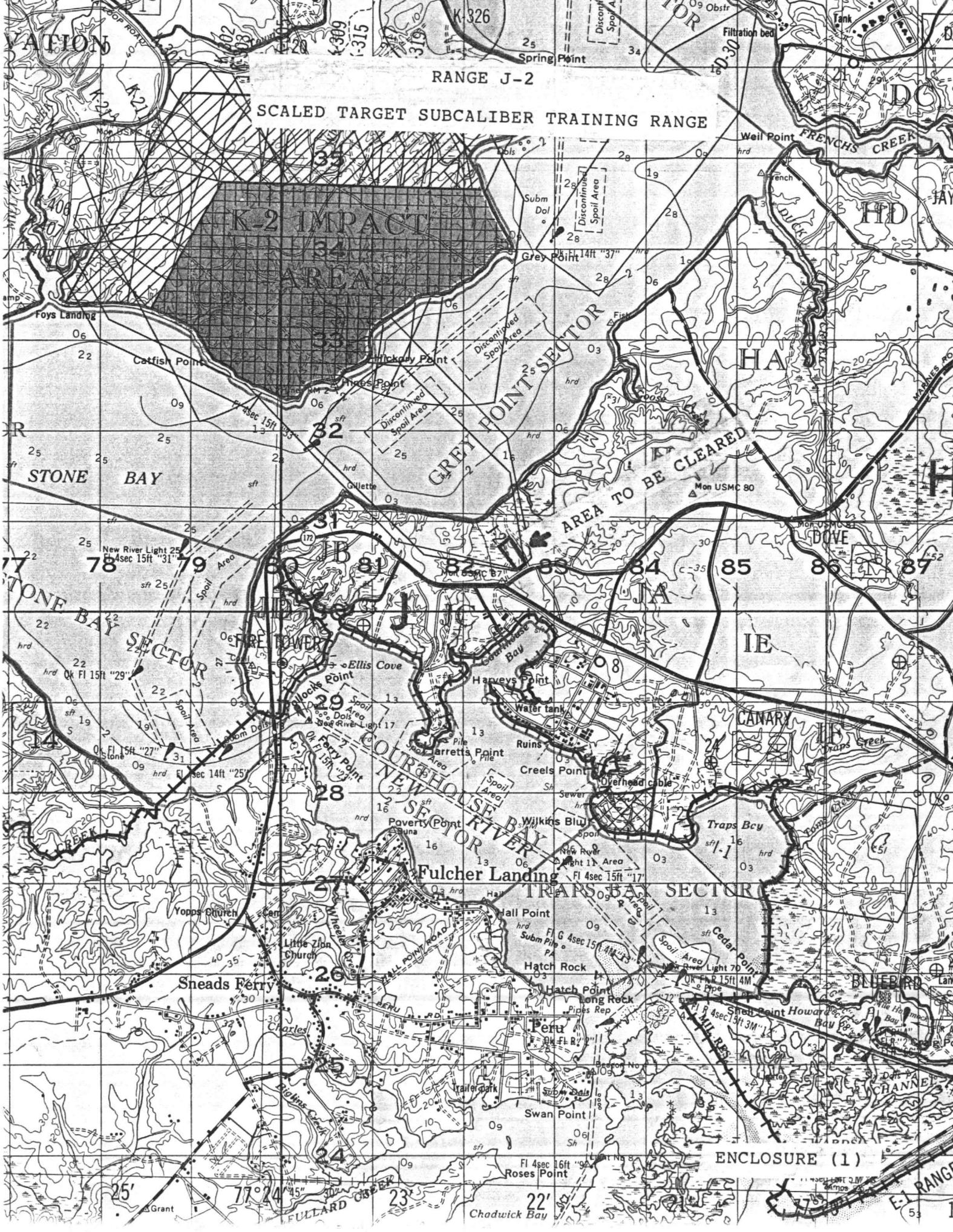
RANGE J-2

SCALED TARGET SUBCALIBER TRAINING RANGE

K-2 IMPACT AREA

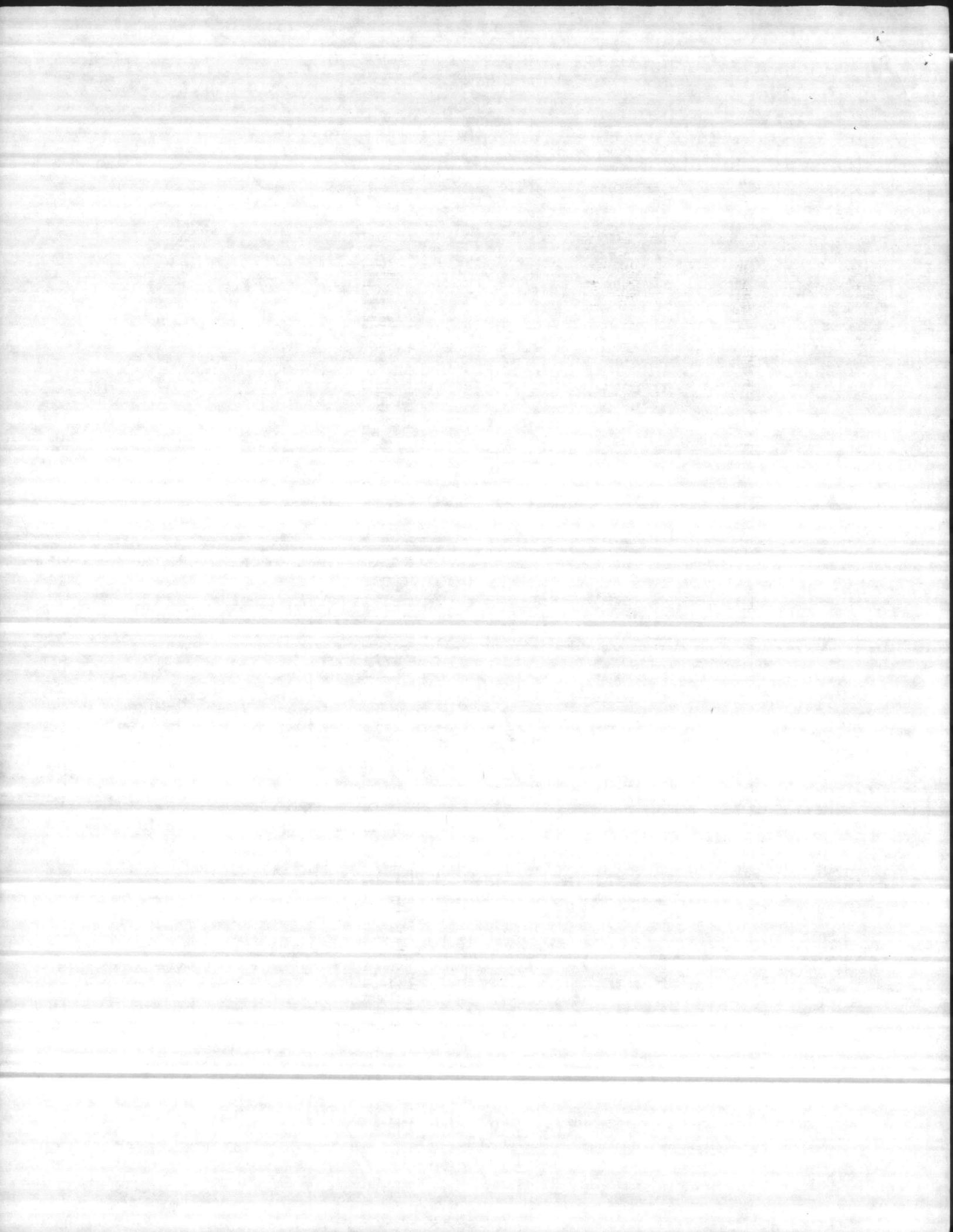
GREY POINT SECTOR

AREA TO BE CLEARED



ENCLOSURE (1)

E-1 RANGE

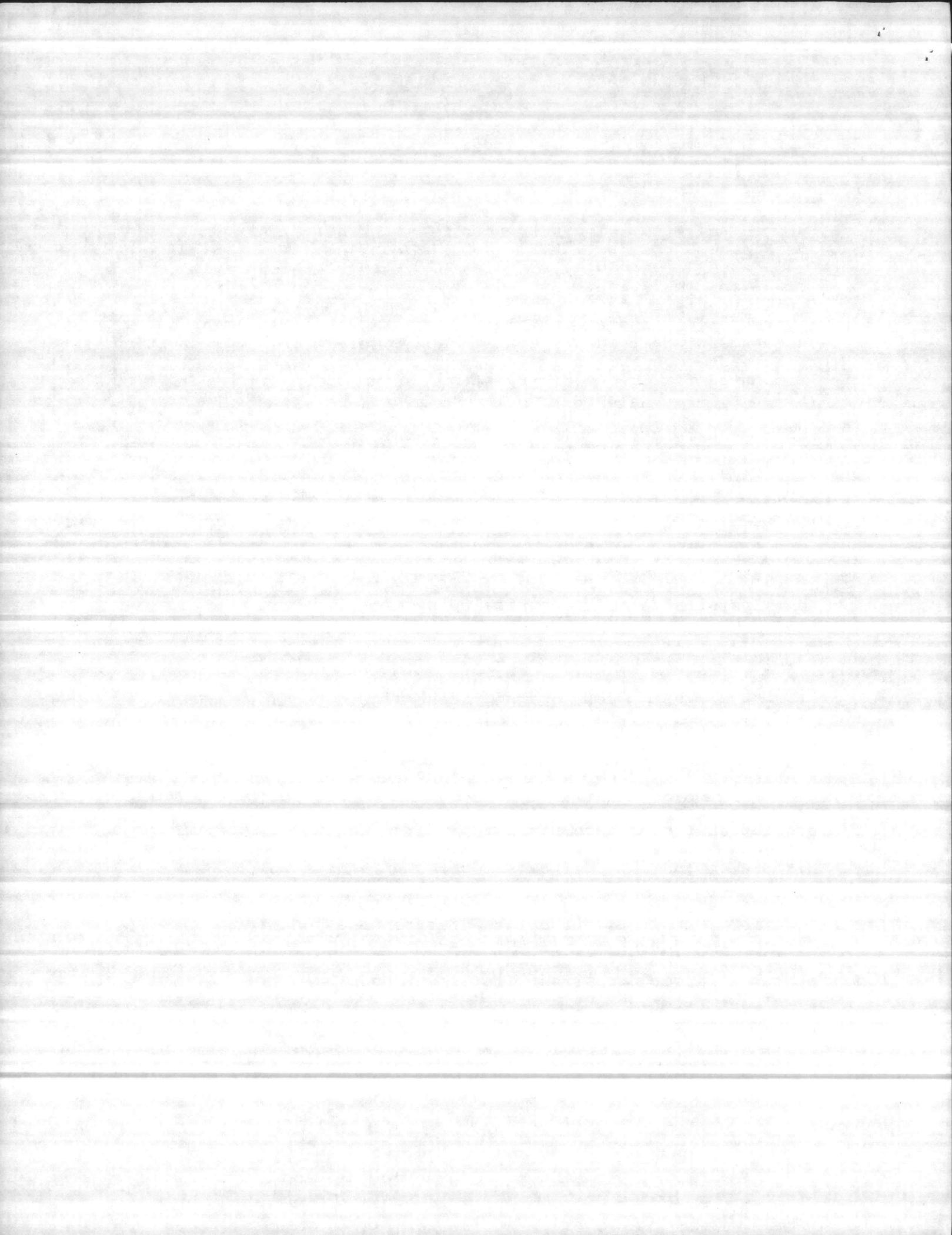


PRELIMINARY ENVIRONMENTAL ASSESSMENT

FOR

RANGE J2

1. Enclosure. Map showing proposed range improvements.
2. Purpose and Need. The purpose of this proposed action is to provide Marine Corps Base (MCB), Camp Lejeune, North Carolina with a "Scaled Target Subcaliber Training Range" for Assault Amphibian Vehicles, Light Armored Vehicles, and tanks. This range will be utilized to teach and supplement the training of tracked vehicles, armored vehicles and tank crewmen in areas of fire commands, target identification and acquisition. All of which increase crew skills in the engagement of scaled targets with simulated firing of primary weapon systems utilizing M16A/M16A2 rifles equipped with .22 caliber rim firing adapters.
3. Project Description. The project consists of:
 - a. Clearing of trees and brush. 100 meters by 400 meters.
 - b. Removal of berm and grading of range target engagement area.
 - c. Construction of a 20 foot high tower.
 - d. Installation of electrical power for lighting and pop-up targets.
 - e. Installation of phone service to the tower.
 - f. Laying of gravel for the firing line.
 - g. Construction of gravel admin area.
 - h. Improvement of the range access road.
 - i. Landscaping of the range to establish permanent grasses for erosion control and to facilitate maintenance.
4. Site Selection. The site is located on enclosure (1) and is currently designated as Range J-2, Battlesight Range, but is no longer used. The proximity of the site to hard surface roads, tank trails, as well as present and future location of the 2D Assault Amphibian Battalion Tractor Park and Maintenance Facility make it readily accessible and as such, the most ideal location for a Scaled Target Subcaliber Training Range.
5. Range Characteristics
 - a. Number of Firing Positions - 5
 - b. Firing Line Width - 50M

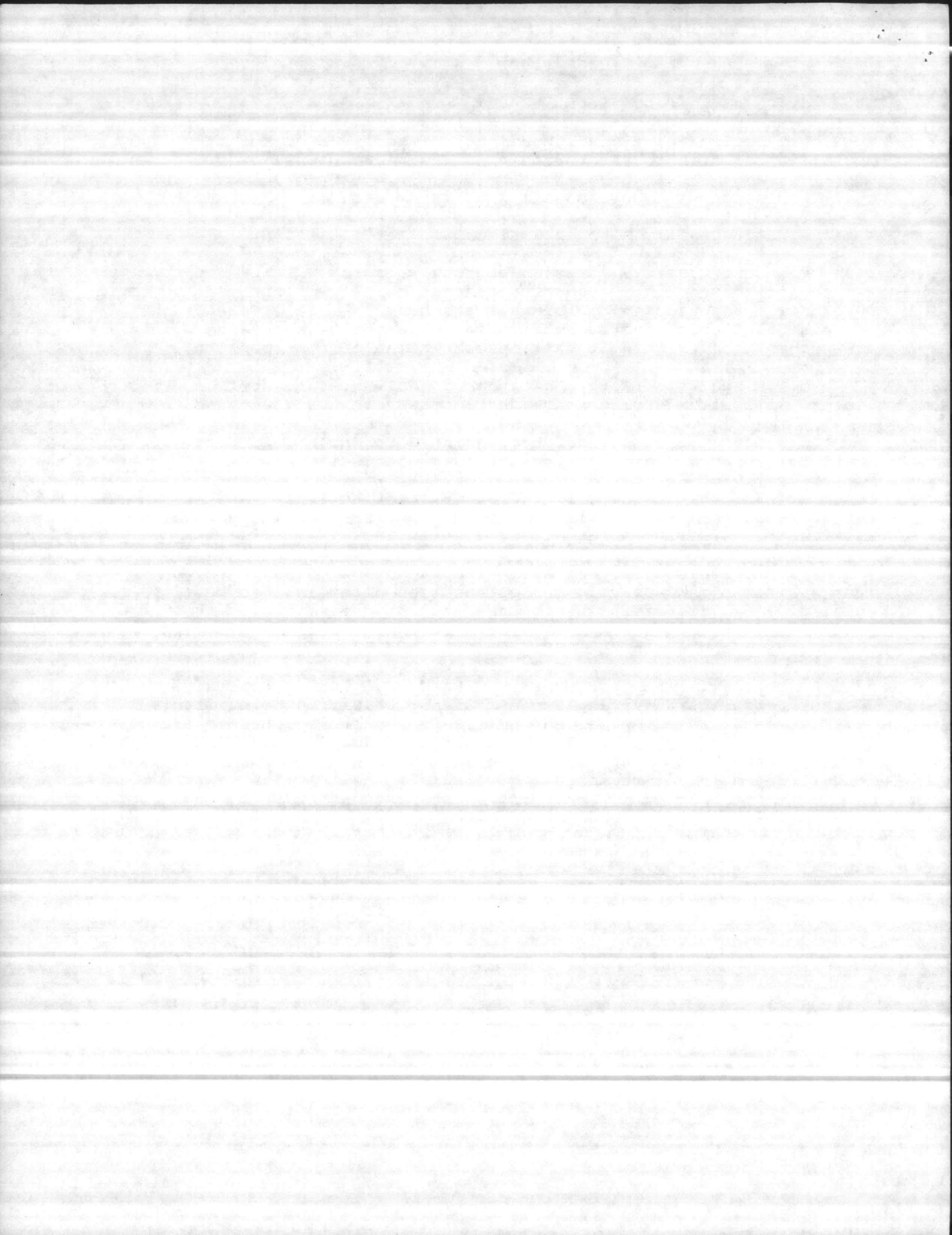


- c. Target Area Width - 100M
- d. Minimum Range Depth - 400M
- e. Firing Point Configuration - slightly lowered firing point in relation to the target area (to reduce parallax).

6. Compliance With Environmental Requirements.

- a. Air Quality: No emissions are anticipated
- b. 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.
- c. Clean Water Act: No discharge of wastes to surface waters will occur during range development or subsequent use.
- d. National Historic Preservation Act: No significant cultural resources are located on the project site.
- e. Executive Order 11990 Protection of Wetlands: Disturbance of wetlands will be avoided during clearing and earth moving.
- f. Endangered Species Act: The impact of this project on the habitat of endangered species has been determined to be negligible. This statement is based on the determination that no endangered species are known to live in the area to be affected by clearing and earthwork.

7. Conclusion. The development of Range J-2 for a "Scaled Target Subcaliber Training 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.



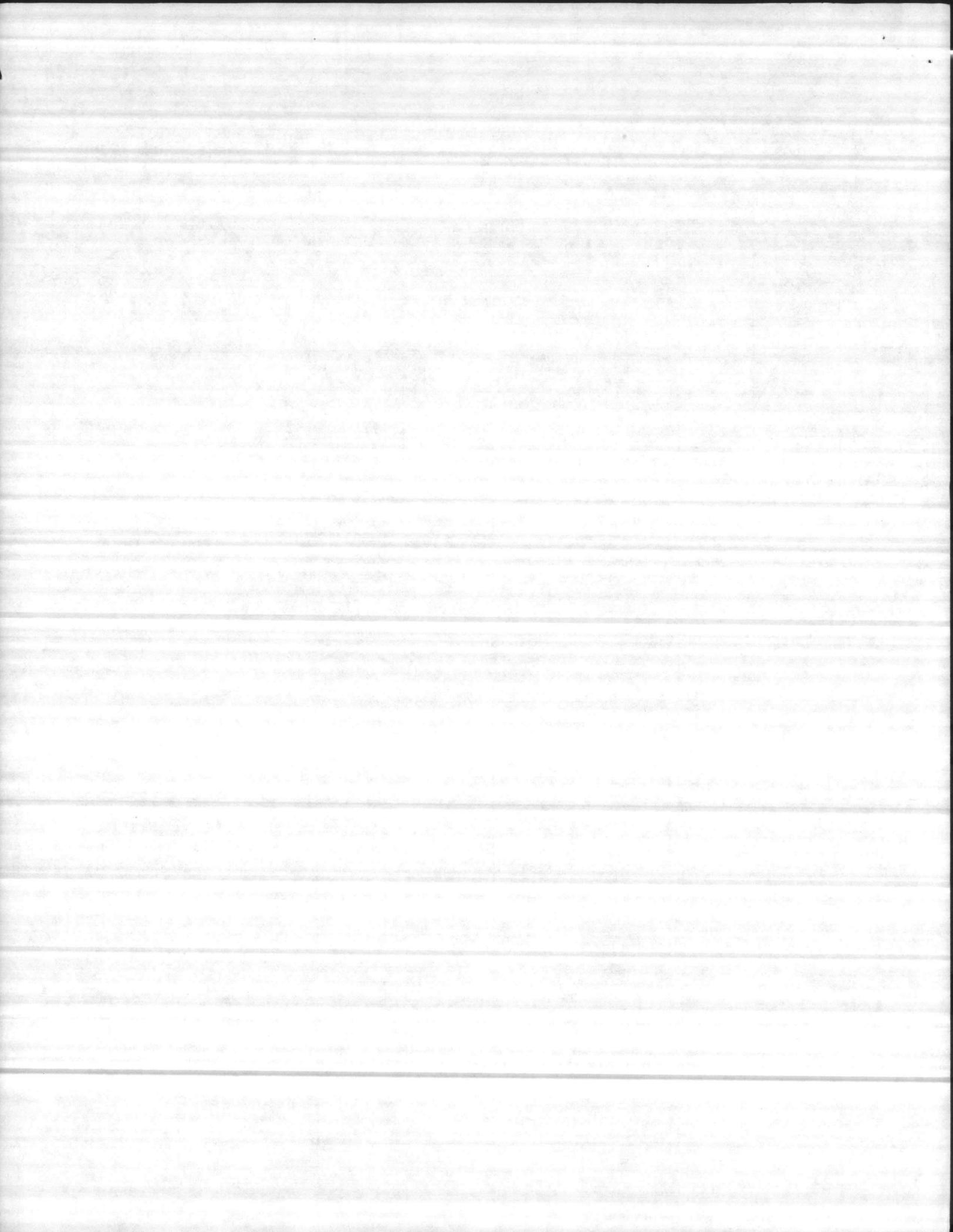
RANGE J-2

SCALED TARGET SUBCALIBER TRAINING RANGE



ENCLOSURE (1)

RANGE



Range: J-2

Description: Scaled Target Subcaliber Training Range for Amtracks, Tanks, and LAV's.

Location: GS 8230

Weapons: M16 .22 caliber rim firing device, Brewster device for 105MM tank gun

Ammunition: Service

Targets: Scaled "pop-up" targets and silhouette

Communication: Dial telephone (7236); read Section 4007, this order.

Special Instructions: Range Control will provide a range operator for the "pop-up" targets. The using unit will post a guard at the range entrance and a sentry at the water's edge (GC 824314). The water sentry will have binoculars, radio communications with the OIC/RSO (a field phone will suffice) and stay in defilade below the bank of New River until ordered out by the OIC/RSO. Firing will cease at any time when a vessel enters the surface danger zone.

Enclosure (3)

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