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

IN REPLY REFER TO
6280
FAC
24 OCT 1984

From: Commanding General, Marine Corps Base, Camp Lejeune

Subj: REQUEST FOR ENVIRONMENTAL IMPACT REVIEW: CLEANING HAZARDOUS LIVE MINEFIELD, FREEMAN CREEK AREA

Ref: (a) BO 11000.1B

Encl: (1) Request for Environmental Impact Review submitted by AC/S Training MCB, 11000 EOD of 16 Oct 84

1. In accordance with the provisions of the reference, request the enclosure be reviewed and written comments provided as to the conclusion and findings regarding the environmental impacts.

2. Formal review of the enclosure is being completed in accordance with the appendix to the reference. The Assistant Chief of Staff, Facilities, will consolidate Environmental Review Board review comments and recommendations and, if unresolved significant issues remain, shall convene the Board. If significant issues are not raised, a Board meeting will not be held per the reference.

3. Written negative reports are requested NLT 5 Nov 84. Point of contact for this matter is Mr. Alexander, ext. 3034/3035.

B. W. ELSTON
By direction

DISTRIBUTION:

(Members)	(Advisors)
Rep, 2d MarDiv (G-4)	Dir, NREA
Rep, 2d FSSG (G-4)	Supv, Ecologist
Rep, 6th MAB (G-4)	BWildlifeMgr
Rep, MCAS(H), NR (S-4)	BGameProtector
TFACO	SAFD
BMO	SJA
PWO	DPDO
	Ch, VetMedSvc, NavHosp
	Ch, Occup/PrevMed, NavHosp

11000
EOD
16 Oct 1984

REQUEST FOR ENVIRONMENTAL IMPACT REVIEW; FORMAT AND PROCEDURES FOR SUBMISSION OF

1. Action Sponsor: Assistant Chief of Staff, Training and Operations
Via: Range Control Officer

2. Name, Address, Phone Number of Point of Contact: 1STLT REDMOND

EOD Team, Range Control Ph: 0558/0382

3. Title and Brief Description of Proposed Action (state purpose, when proposed action is to occur, and any proposed environmental protection measure):

HAZARDOUS LIVE MINEFIELD:

The purpose of the proposed action is to return the minefield to its natural state, free of hazardous mines, without causing any significant environmental damage.

The mine clearing operation will consist of:

a. Removing the fence.

b. EOD personnel marking and probing for mines.

c. Disturbance of the soil and removal of trees with heavy equipment.

d. Disposition of trees by hauling to a disposal site.

e. Removal of the top 2-ft of soil to a neutral site where it will be probed and then returned to its orignal site.

f. Reseeding of the disturbed areas.

Proposed clearance dates are: 14 February 1985 to 6 May 1985.

* See enclosures (1), (2), (3), and page 3 of this request.

REQUEST FOR ENVIRONMENTAL IMPACT REVIEW; HAZARDOUS LIVE MINEFIELD

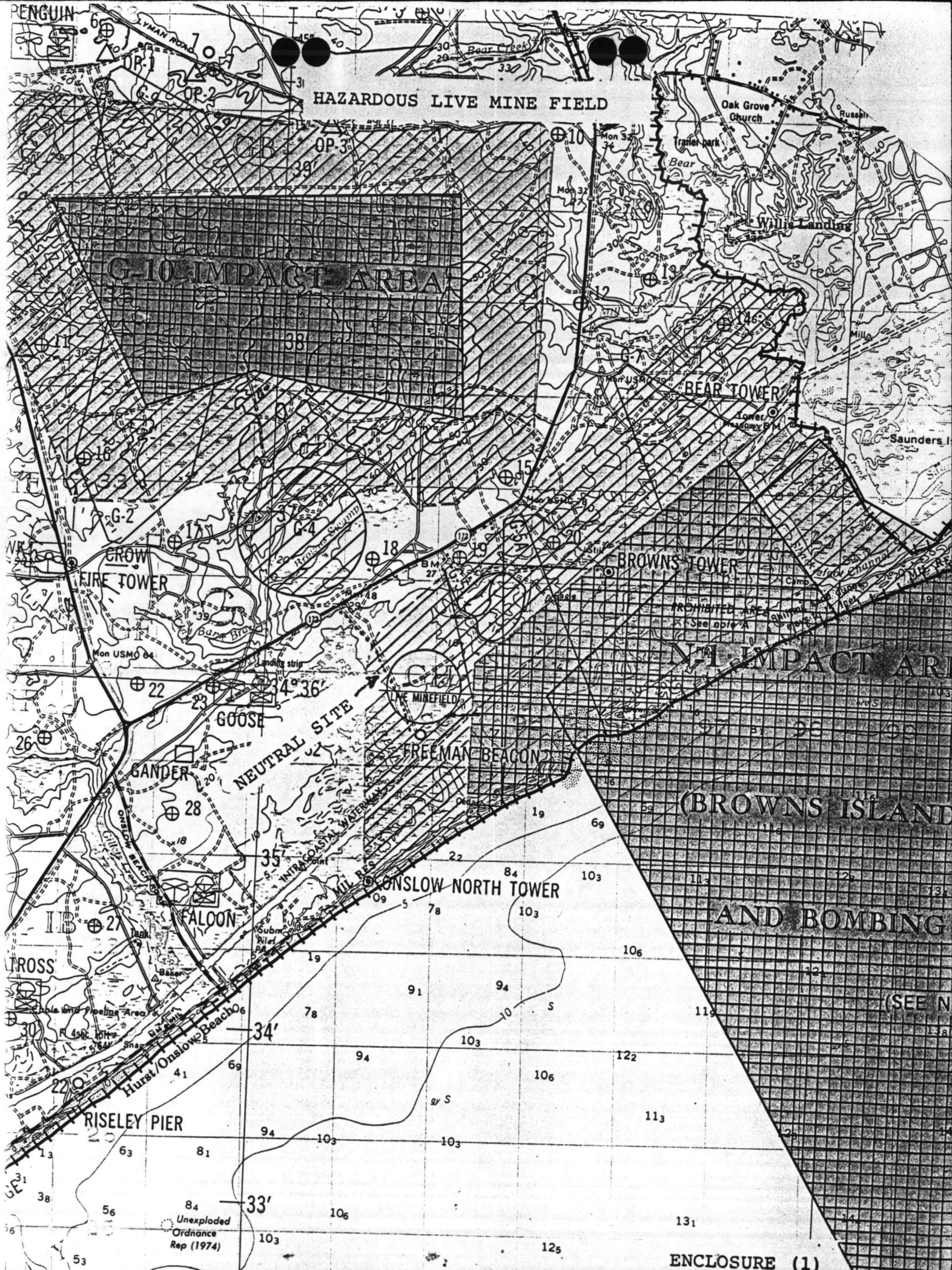
COMMENTS:

5. Potential Environmetal Impact/Considerations:

b. Land Quality: Consultation with Base Maintenance personnel will be effected to ensure that erosion control measures are 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. A Erosion Control plan is not required to be filed with the state however all applicable regulations will be followed.

e. Natural Resources: The forest land is located within the Surface Danger Area of the N-1 Impact Area and is not considered to be saleable. Public access for hunting is already restricted in the proposed work area. Public access to Freeman's Creek Landing for fishing activies may have to be restricted if the access road becomes impassible.

f. Socio-Economic Considerations: No significant cultural resources are located on the project site. However, in view of the archeological sensitive area, during construction of this project extreme care will be excerised in watching for any indications of matters of historical interest/significance. In the event any evidence is found, construction will be immediately suspended pending further, detailed study and actions in accordance with appropriate directives. The alternative neutral site suggested in enclosure (3) will be used to avoid the known archaeological site near the work area.


PENGUIN
HAZARDOUS LIVE MINE FIELD
OP-1
OP-2
OP-3
G-10 IMPACT AREA
G-2
G-4
CROW
FIRE TOWER
BEAR TOWER
BROWNS TOWER
Oak Grove Church
Trailer park
Willis Landing
Saunders I
Bear Creek
Bear
Mon USMC 84
Landing strip
34°36'
GOOSE
GANDER
NEUTRAL SITE
LIVE MINEFIELD
FREEMAN BEACON
N-1 IMPACT ARE
(BROWNS ISLAND
AND BOMBING
(SEE N
ONSLOW NORTH TOWER
FALOON
ONSLOW BEACH
INTRACOASTAL WATERWAY
MIL RES
Hurst/Onslow Beach
RISELEY PIER
35'
34'
33'
Unexploded Ordnance Rep (1974)

ENCLOSURE (1)

UNITED STATES MARINE CORPS
Range Control
Marine Corps Base
Camp Lejeune, North Carolina 28542

IN REPLY REFER TO:
8027
RCTL
1 August 84

FIRST ENDORSEMENT on EODO ltr 8027 over EOD dtd 1AUG84

From: Range Control Officer
To: Director, Natural Resources and Environmental Affairs Division
Via: (1) Assistant Chief of Staff, Training
(2) Assistant Chief of Staff, Facilities

Subj: HAZARDOUS LIVE MINEFIELD

1. Forwarded for action.

T. B. Howard
T. B. HOWARD

ENCLOSURE (2)

UNITED STATES MARINE CORPS
Explosive Ordnance Disposal
Range Control
Marine Corps Base
Camp Lejeune, North Carolina 28542-5000

IN REPLY REFER TO:

8027
EOD
1 August 84

From: Explosive Ordnance Disposal Officer
To: Director, Natural Resources and Environmental Affairs Division
Via: (1) Range Control Officer
(2) Assistant Chief of Staff, Training
(3) Assistant Chief of Staff, Facilities

Subj: HAZARDOUS LIVE MINEFIELD

Encl: (1) Site Map of Minefield

1. The Base EOD Team has been tasked with clearing the Hazardous Live Minefield located at GS 9330 near Freeman's Creek Landing. Because of the possibility of shifting mines it is imperative that this operation be conducted in the near future. Delay will only result in additional hazards to personnel, additional costs, and eventually in increased environmental damage to the terrain. It is requested that the NREAD Staff provide, by the 15th of September 1984, comments and assistance in preparing whatever is necessary to conduct this operation in a environmentally sound manner. The goal of this operation is to return the minefield site to its natural state, free of hazardous mines, without causing any significant environmental damage.

2. The Mine Clearing Operation will consist of:

a. Removing the fence.

b. EOD personnel marking and probing for mines.

c. Disturbance of the soil and removal of trees with heavy equipment.

d. Disposition of trees by selling or hauling to a disposal site.

e. Removal of the top 2-ft. of soil to a neutral site (See enclosure 1) where it will be probed and then returned to its orignal site.

f. Rseeding of the disturbed areas.

3. Comments are also solicited for assistance in complying with environmental requirements such as:

a. Air Quality

b. Land Quality

c. Clean Water Act

d. National Historic Preservation Act

e. Executive Order 11990 Protection of Wetlands

f. Endangered Species Act

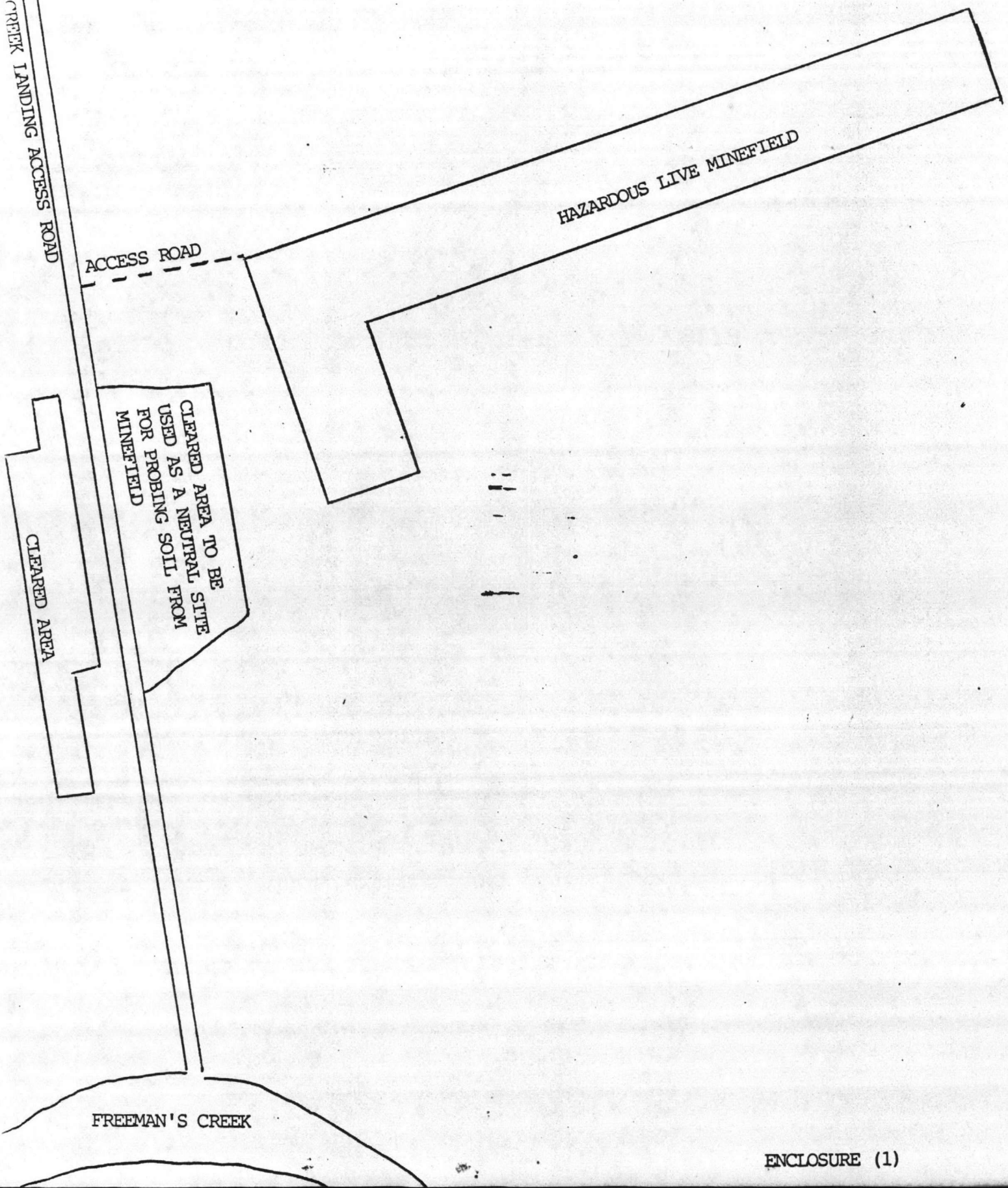
g. Requirements to comply with other State or Federal Regulations

4. If problem areas are identified it is requested that possible solutions be provided. If outside permits or liaison with outside agencies are required to conduct this operation it is requested that the section responsible for performing such activity be identified.

5. Point of contact for additional information is 1stLt Redmond, ext. 0558/0382.

H. B. Redmond Jr.
H. B. REDMOND JR.

SITE MAP HAZARDOUS LIVE MINEFIELD



ENCLOSURE (1)

UNITED STATES MARINE CORPS
Marine Corps Base
Camp Lejeune, North Carolina 28542

3500
FAC
10 OCT 1984

From: Assistant Chief of Staff, Facilities, Marine Corps Base, Camp Lejeune
To: Assistant Chief of Staff, Training (Attn: Range Control Officer)

Subj: HAZARDOUS LIVE MINEFIELD; CLEARING OF

Ref: (a) EOD Off ltr 8027 of 1 Aug 84
(b) Archaeological & Historical Survey of USMC Base, CamLej
(c) BO 11000.1B

Encl: (1) NREAD ltr 11000/2 of 21 Aug 84

1. In response to reference (a), the proposed plan for clearing the live minefield was examined by NREAD personnel.

2. NREAD's opinion, expressed in the enclosure, identifies the absence of environmental constraints. However, reference (b) identifies the proposed neutral site as a significant archaeological site. While the eligibility of the site for listing in the National Register has not been confirmed, disturbance by earth-moving equipment would preclude future study of the site's significance. An alternative site is suggested at the cleared area beneath the powerline paralleling the road to Freeman's Creek Landing.

3. Submission of the request for environmental review is required per reference (c). We will assist as needed in preparing this document to address the issues described in the enclosure. Following review and approval of the project, coordinated scheduling of construction will be completed. Point of contact for this matter is Mr. Bob Alexander, ext. 3034/3035.

B. W. ELSTON
By direction

Copy to:
NREAD (w/o encl)
MAIN
EOD

ENCLOSURE (3)

UNITED STATES MARINE CORPS
Natural Resources and Environmental Affairs Division
Marine Corps Base
Camp Lejeune, North Carolina 29542

fdW 10-25-84

IN REPLY REFER TO:
11000/2
NREAD
21 Aug 1984

From: Director, Natural Resources and Environmental Affairs Division
To: Assistant Chief of Staff, Facilities, Marine Corps Base

Subj: HAZARDOUS LIVE MINEFIELD; CLEARING OF

Ref: (a) EODO ltr 8027 EOD of 1 Aug 1984
(b) BO 11000.1B

1. This letter is in response to reference (a). The subject minefield is approximately 16 acres in size. Approximately 52,000 cubic yards of soil will be removed, checked for ordnance and returned to place.

2. It is NREAD's opinion that the timber will not be merchantable under the conditions described by reference (a) and discussion with Master Sergeant Letcher, EOD. The timber is small and will be severely damaged by heavy equipment required to clear subject area.

3. NREAD is not aware of any environmental constraint which would prevent the subject clearing. Apparent issues are possible presence of archaeological artifacts; erosion control and applicability of State erosion control regulations; impact on public access to Freemans Creek Landing; and possible State interest relative to landuse plans developed for coastal areas. The proposed neutral work area contains a significant archaeological/historical site. An alternative site should be provided.

4. It is recommended that the Environmental Engineer proceed with consultation with appropriate State agencies and that action sponsor proceed with project planning. Erosion control at the site should be relatively simple and inexpensive. No problems are foreseen relative to consistency with applicable coastal area landuse plans.

5. There does not appear to be a requirement to submit an environmental assessment to higher headquarters as provided by reference (b).

P. E. Black

P. E. BLACK
Acting

UNITED STATES MARINE CORPS
Marine Corps Base
Camp Lejeune, North Carolina 28542

3500
FAC
10 OCT 1984

From: Assistant Chief of Staff, Facilities, Marine Corps Base, Camp Lejeune
To: Assistant Chief of Staff, Training (Attn: Range Control Officer)

Subj: HAZARDOUS LIVE MINEFIELD; CLEARING OF

Ref: (a) EOD Off ltr 8027 of 1 Aug 84
(b) Archaeological & Historical Survey of USMC Base, CamLej
(c) BO 11000.1B

Encl: (1) NREAD ltr 11000/2 of 21 Aug 84

1. In response to reference (a), the proposed plan for clearing the live minefield was examined by NREAD personnel.

2. NREAD's opinion, expressed in the enclosure, identifies the absence of environmental constraints. However, reference (b) identifies the proposed neutral site as a significant archaeological site. While the eligibility of the site for listing in the National Register has not been confirmed, disturbance by earth-moving equipment would preclude future study of the site's significance. An alternative site is suggested at the cleared area beneath the powerline paralleling the road to Freeman's Creek Landing.

3. Submission of the request for environmental review is required per reference (c). We will assist as needed in preparing this document to address the issues described in the enclosure. Following review and approval of the project, coordinated scheduling of construction will be completed. Point of contact for this matter is Mr. Bob Alexander, ext. 3034/3035.

B. W. ELSTON
By direction

Copy to:
NREAD (w/o encl)
MAIN
EOD

Env

11000/2
NREAD
21 Aug 1984

From: Director, Natural Resources and Environmental Affairs Division
To: Assistant Chief of Staff, Facilities, Marine Corps Base

Subj: HAZARDOUS LIVE MINEFIELD; CLEARING OF

Ref: (a) EODO ltr 8027 EOD of 1 Aug 1984
(b) BO 11000.1B

1. This letter is in response to reference (a). The subject minefield is approximately 16 acres in size. Approximately 52,000 cubic yards of soil will be removed, checked for ordnance and returned to place.

2. It is NREAD's opinion that the timber will not be merchantable under the conditions described by reference (a) and discussion with Master Sergeant Letcher, EOD. The timber is small and will be severely damaged by heavy equipment required to clear subject area.

3. NREAD is not aware of any environmental constraint which would prevent the subject clearing. Apparent issues are possible presence of archaeological artifacts; erosion control and applicability of State erosion control regulations; impact on public access to Freemans Creek Landing; and possible State interest relative to landuse plans developed for coastal areas. The proposed neutral work area contains a significant archaeological/historical site. An alternative site should be provided.

4. It is recommended that the Environmental Engineer proceed with consultation with appropriate State agencies and that action sponsor proceed with project planning. Erosion control at the site should be relatively simple and inexpensive. No problems are foreseen relative to consistency with applicable coastal area landuse plans.

5. There does not appear to be a requirement to submit an environmental assessment to higher headquarters as provided by reference (b).

P. E. BLACK
Acting

Writer: D. D. Sharpe, NREAD, 5003
Typist: J. Cross, 21Aug84, 5003

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

IN REPLY REFER TO
8000
TRNG
13 Aug 1984

SECOND ENDORSEMENT on EODO ltr 8027 over EOD dtd 1 Aug 1984

From: Assistant Chief of Staff, Training
To: Assistant Chief of Staff, Facilities

Subj: HAZARDOUS LIVE MINEFIELD

1. Forwarded for appropriate action. Your comments and suggestions, particularly in response to paragraphs 3 and 4 of the basic correspondence, are being sought early in the planning process in order to identify any potential problems.

2. Response by 15 September will be appreciated.

J. A. SPEICHER

UNITED STATES MARINE CORPS
Range Control
Marine Corps Base
Camp Lejeune, North Carolina 28542

IN REPLY REFER TO:
8027
RCTL
1 August 84

FIRST ENDORSEMENT on EODO ltr 8027 over EOD dtd 1AUG84

From: Range Control Officer
To: Director, Natural Resources and Environmental Affairs Division
Via: (1) Assistant Chief of Staff, Training
(2) Assistant Chief of Staff, Facilities

Subj: HAZARDOUS LIVE MINEFIELD

1. Forwarded for action.

T. B. Howard
T. B. HOWARD

UNITED STATES MARINE CORPS
Explosive Ordnance Disposal
Range Control
Marine Corps Base
Camp Lejeune, North Carolina 28542-5000

IN REPLY REFER TO:

8027
EOD
1 August 84

From: Explosive Ordnance Disposal Officer
To: Director, Natural Resources and Environmental Affairs Division
Via: (1) Range Control Officer
(2) Assistant Chief of Staff, Training
(3) Assistant Chief of Staff, Facilities

Subj: HAZARDOUS LIVE MINEFIELD

Encl: (1) Site Map of Minefield

1. The Base EOD Team has been tasked with clearing the Hazardous Live Minefield located at GS 9330 near Freeman's Creek Landing. Because of the possibility of shifting mines it is imperative that this operation be conducted in the near future. Delay will only result in additional hazards to personnel, additional costs, and eventually in increased environmental damage to the terrain. It is requested that the NREAD Staff provide, by the 15th of September 1984, comments and assistance in preparing whatever is necessary to conduct this operation in a environmentally sound manner. The goal of this operation is to return the minefield site to its natural state, free of hazardous mines, without causing any significant environmental damage.

2. The Mine Clearing Operation will consist of:

a. Removing the fence.

b. EOD personnel marking and probing for mines.

c. Disturbance of the soil and removal of trees with heavy equipment.

d. Disposition of trees by selling or hauling to a disposal site.

e. Removal of the top 2-ft. of soil to a neutral site (See enclosure 1) where it will be probed and then returned to its orignal site.

f. Rseeding of the disturbed areas.

3. Comments are also solicited for assistance in complying with environmental requirements such as:

a. Air Quality

b. Land Quality

c. Clean Water Act

d. National Historic Preservation Act

e. Executive Order 11990 Protection of Wetlands

f. Endangered Species Act

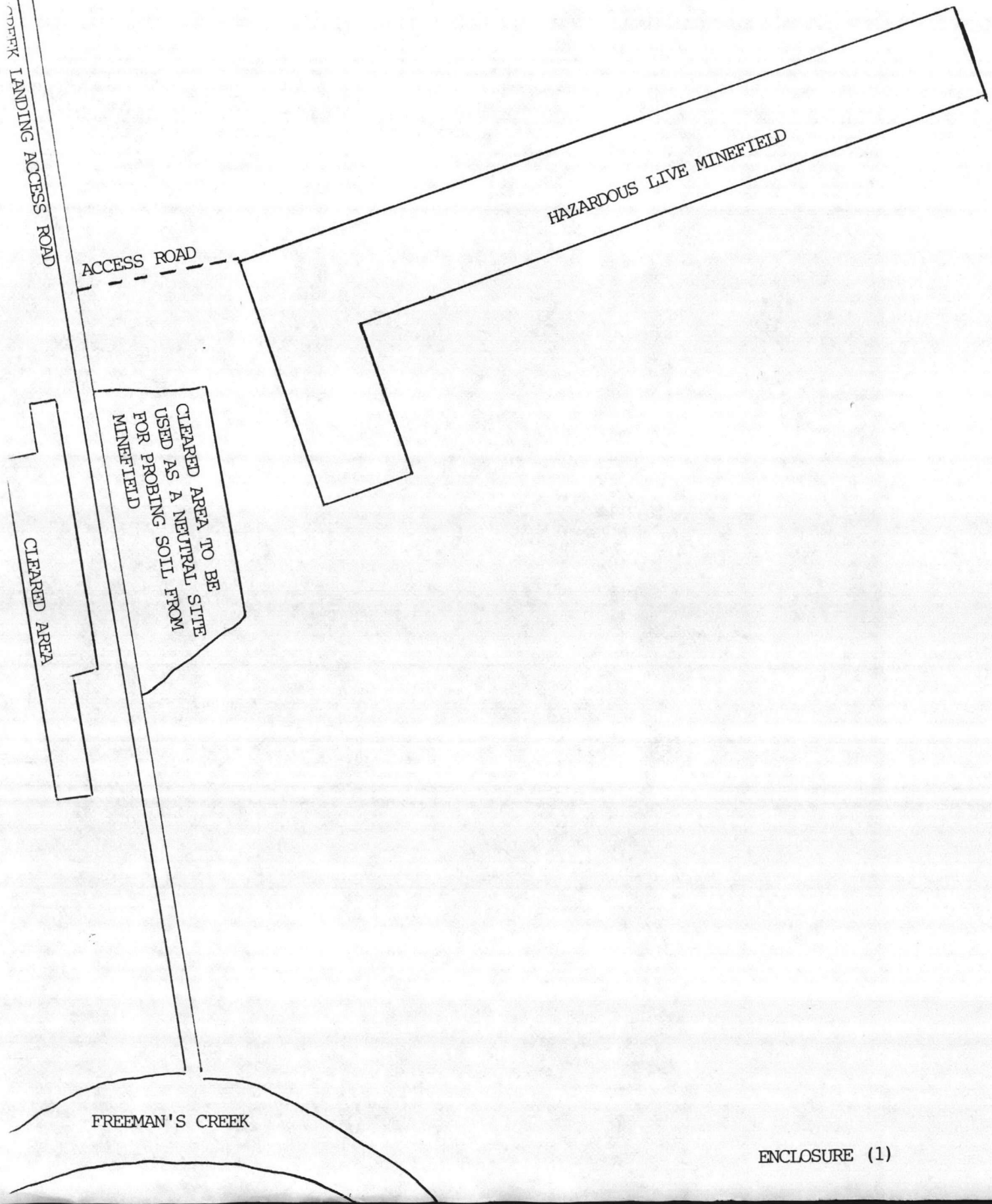
g. Requirements to comply with other State or Federal Regulations

4. If problem areas are identified it is requested that possible solutions be provided. If outside permits or liaison with outside agencies are required to conduct this operation it is requested that the section responsible for performing such activity be identified.

5. Point of contact for additional information is 1stLt Redmond, ext. 0558/0382.

H. B. Redmond Jr.
H. B. REDMOND JR.

SITE MAP HAZARDOUS LIVE MINEFIELD



ENCLOSURE (1)

FROM: BASE FORESTER

TO: NREA DIRECTOR

SUBJ: HAZARDOUS LIVE MINEFIELD; FORESTRY COMMENT ON CLEARING

Ref (a) Foncon btwn Lt. REDMOND, EODO AND J. GIBBS, NREAD ON 16 JULY, 1984

(b) NREAD MEMO 11010 over NREAD OF 23 JULY, 1984

(c) EODO MEMO 8027 over EOD OF 1 AUGUST, 1984

Encl (1) SITE MAP OF HAZARDOUS MINEFIELD CLEARING

1. AS A RESULT OF Ref (a), Ref (b) WAS PROVIDED the EODO PERTAINING to the VALUE OF THE STANDING TIMBER IN the AREA outlined in Ref (c). BECAUSE this timber is in the pulpwood class (5 to 9 in. dbh) PUSHING the timber WITH CRAWLER TRACTORS, transporting AND STOCKPILING OFF SITE WOULD CAUSE SUCH SEVERE BREAKAGE that the timber WOULD NOT BE MERCHANTABLE.

2. PARAGRAPH 2a of Ref(c) STATES THAT THE FENCE AROUND the HAZARDOUS MINEFIELD WOULD BE REMOVED. BECAUSE the hunting SEASON will SOON be open the fence SHOULD be kept intact in AREAS that WILL NOT BE OTHERWISE blocked AS SHOWN IN the enclosure. The FENCE SHOULD be completely REMOVED after the AREA has been completed AND is SAFE.

3. PARAGRAPH 2c & d OF Ref (c) RELATES TO THE clearing AND DISPOSAL OF the timber on the HAZARDOUS minefield WITH HEAVY Equipment. The timber, WHICH WILL MOSTLY BE NON MERCHANTABLE BECAUSE OF BREAKAGE AS STATED IN PARAGRAPH 1, COULD be WINDROWED in the ACCESS ROAD ADJACENT TO the MINEFIELD AS SHOWN in the ENCLOSURE. THIS WOULD help prevent EROSION OF the highly disturbed soil.

4. PARAGRAPH 2E OF Ref (c) RELATES TO THE REMOVAL OF the top 2 FEET OF SOIL to the neutral SITES FOR PROBING. THIS WILL ENVOLVE the STORAGE OF Approximately 52,000 cubic yards OF SOIL WHICH WOULD

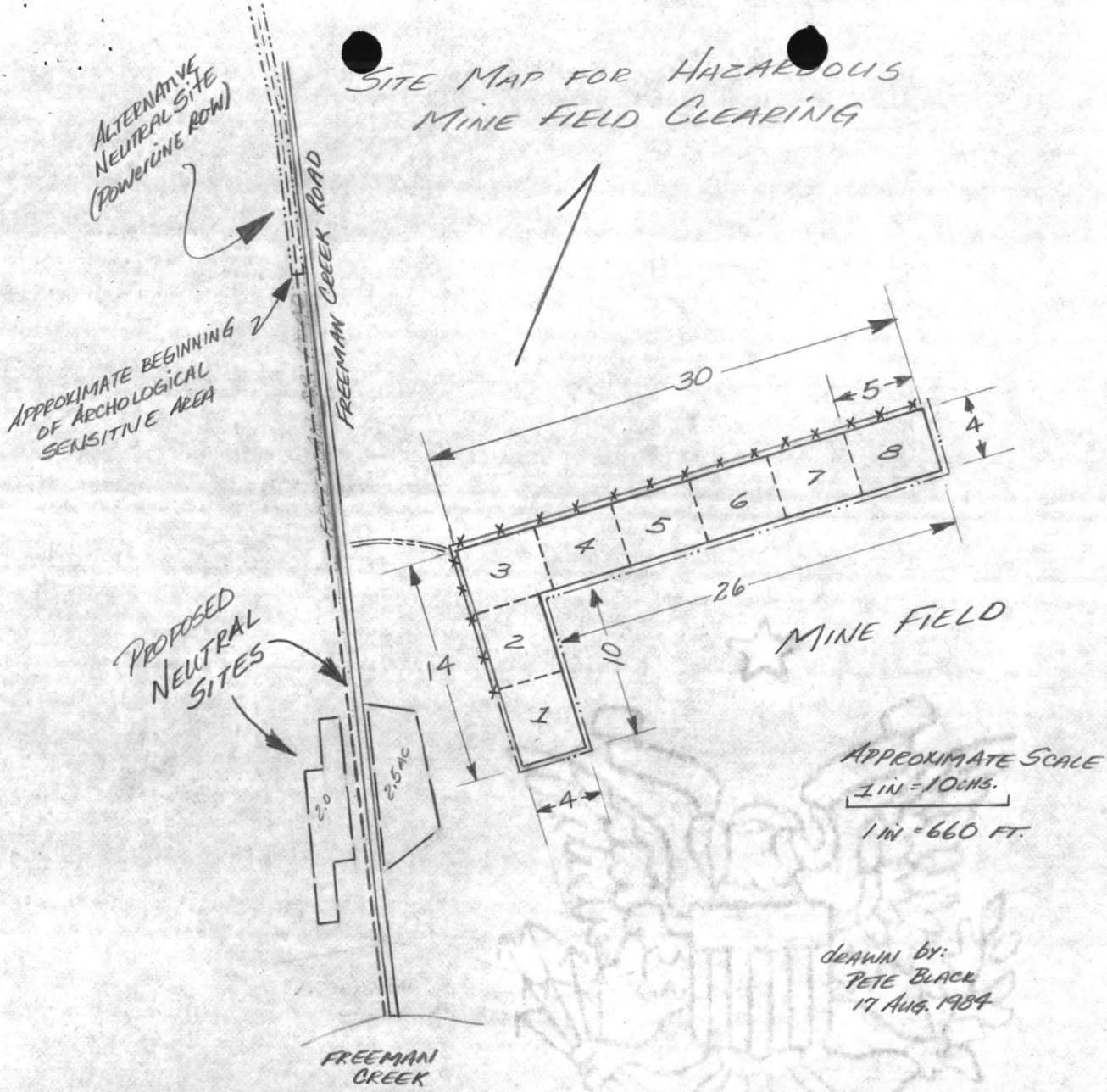
, as shown in the enclosure of ref(c),

RESULT IN the NEUTRAL AREA being COVERED IN 6 FEET OF HIGHLY ERODABLE AND POSSIBLEY contaminated SOIL. If the AREA is DIVIDED, AFTER CLEARING, into 8 equal AREAS of 2 ACRES EACH, AS SHOWN IN the enclosures the MOVING OF LARGE QUANTITIES OF SOIL at one time COULD be AVOIDED.

Remove the soil from AREA 1 to the neutral SITE AND probe. Remove the soil from AREA 2, to AREA 1 PROBE AND spread over AREA 1 AND RESEED. WORK AN AREA AT A TIME until AREA 8 CAN BE REFILLED WITH THE SOIL FROM AREA 1 AND RESEEDED. This WOULD prevent the expense OF REMOVING ALL THE SOIL to the NEUTRAL SITE AND RETURNING it AGAIN, AND ALSO REDUCE the erosion potential OFF THE NEUTRAL AREA. The STATE should be contacted to determine if AN EROSION CONTROL plan is required.

5. The minefield is LOCATED IN AN ARCHOLOGICALLY AND HISTORICALLY SENSITIVE AREA AND STATE AUTHORITIES SHOULD be CONTACTED.

SITE MAP FOR HAZARDOUS MINE FIELD CLEARING



LEGEND

- GRAVEL SECONDARY ROAD
- DIRT ACCESS ROAD
- NEUTRAL AREA BOUNDARY (PROPOSED)
- MINE FIELD BOUNDARY
- WINDROW CONSTRUCTED OF PUSHED timber
- OUTER FENCE
- X — MINE FIELD SECTION DIVIDERS AND SECTION NUMBER
- POWERLINE
- NEUTRAL AREA BOUNDARY (ALTERNATIVE) (POWERLINE R-O-W)

1980

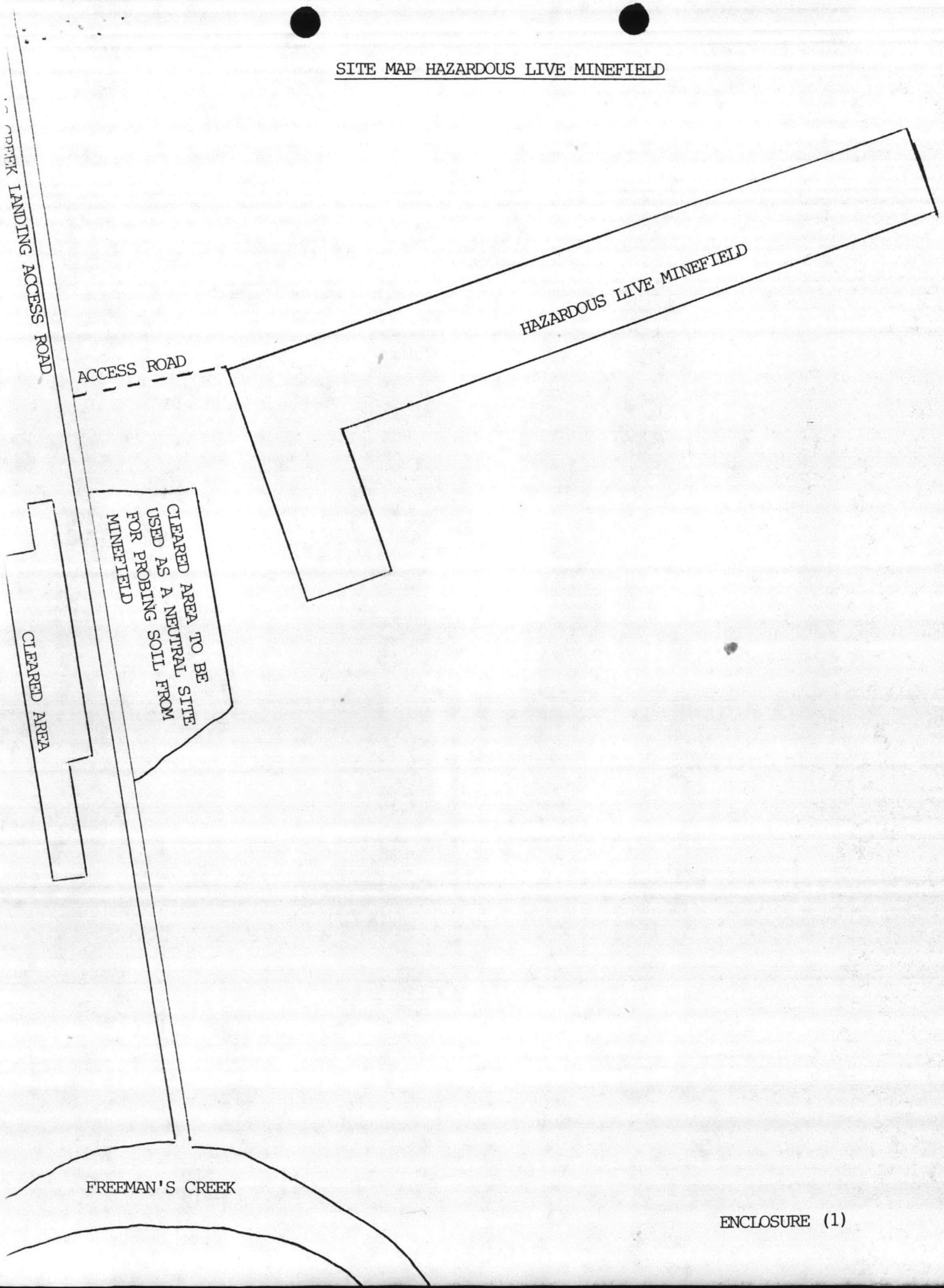
From: Base Wildlife Manager
To: Director, Natural Resources and Environmental Affairs
Subj: Hazardous Live Minefield
Ref: (a) Explosive Ordnance Disposal Officer Ltr 8027/EOD/ of 1 August 1984.
(b) Part One Prehistoric Archaeological Record, MCB, CLNC

1. The proposed clearing of the Hazardous Live minefield located near Freemans Creek Landing contained in reference (a) has been reviewed as requested. A potential problem exists with the planned removal of two feet of topsoil from the minefield and depositing the same in the neutral site shown in reference (a).

2. This site contains prehistoric archaeological materials and eighteenth century historic materials as listed in reference (b). as of 71. The site is considered an important one which would probably make it eligible for inclusion in the National Register of Historic Places. Depositing the topsoil at this site and then removing it with heavy equipment would disturb the site significantly in my opinion.

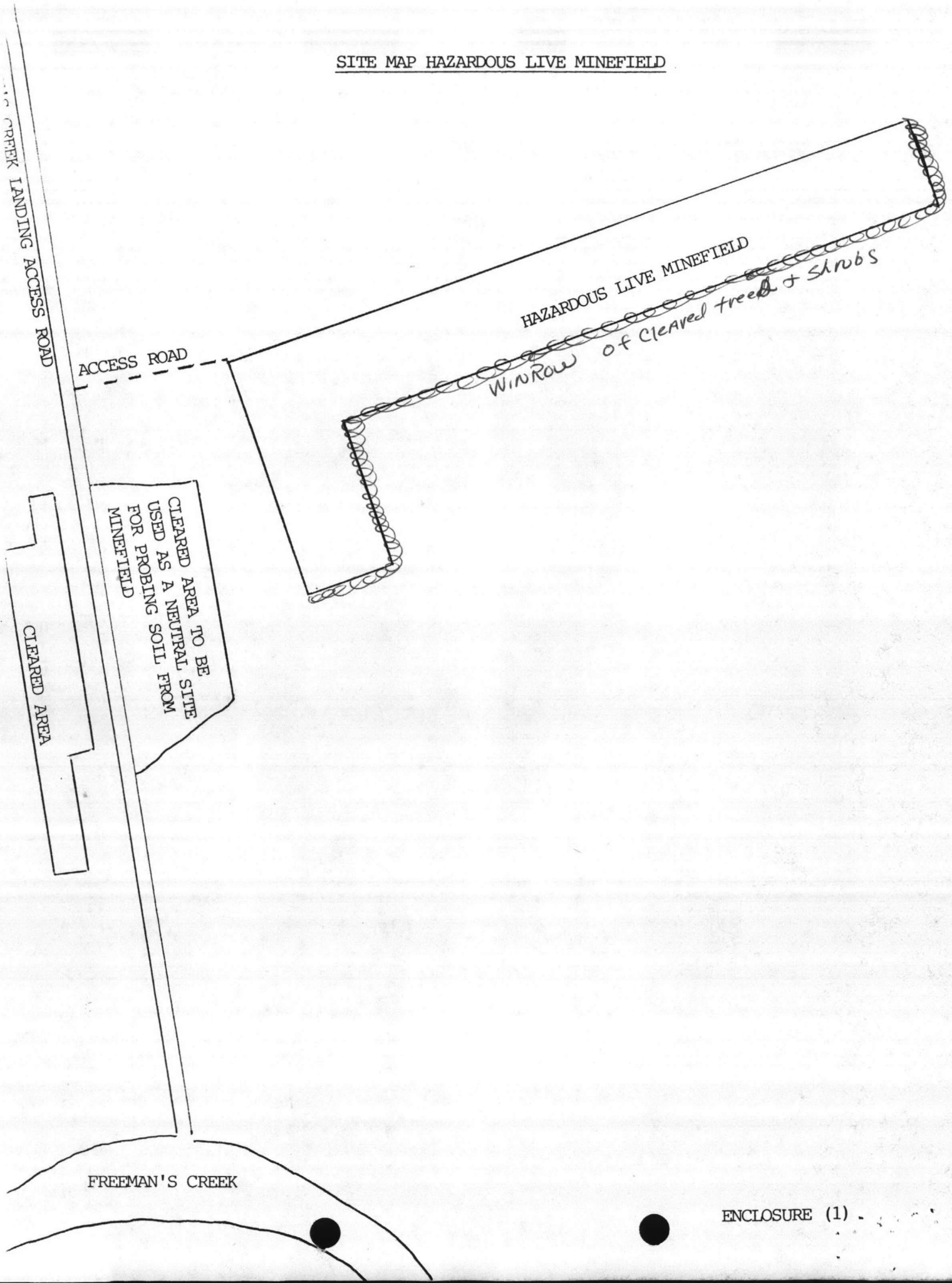
3. It is suggested that alternate location be considered for use as a neutral site for depositing and subsequent removal of the topsoil. Possibilty the area along the road into Freeman Creek Landing could be used as a neutral site.

SITE MAP HAZARDOUS LIVE MINEFIELD



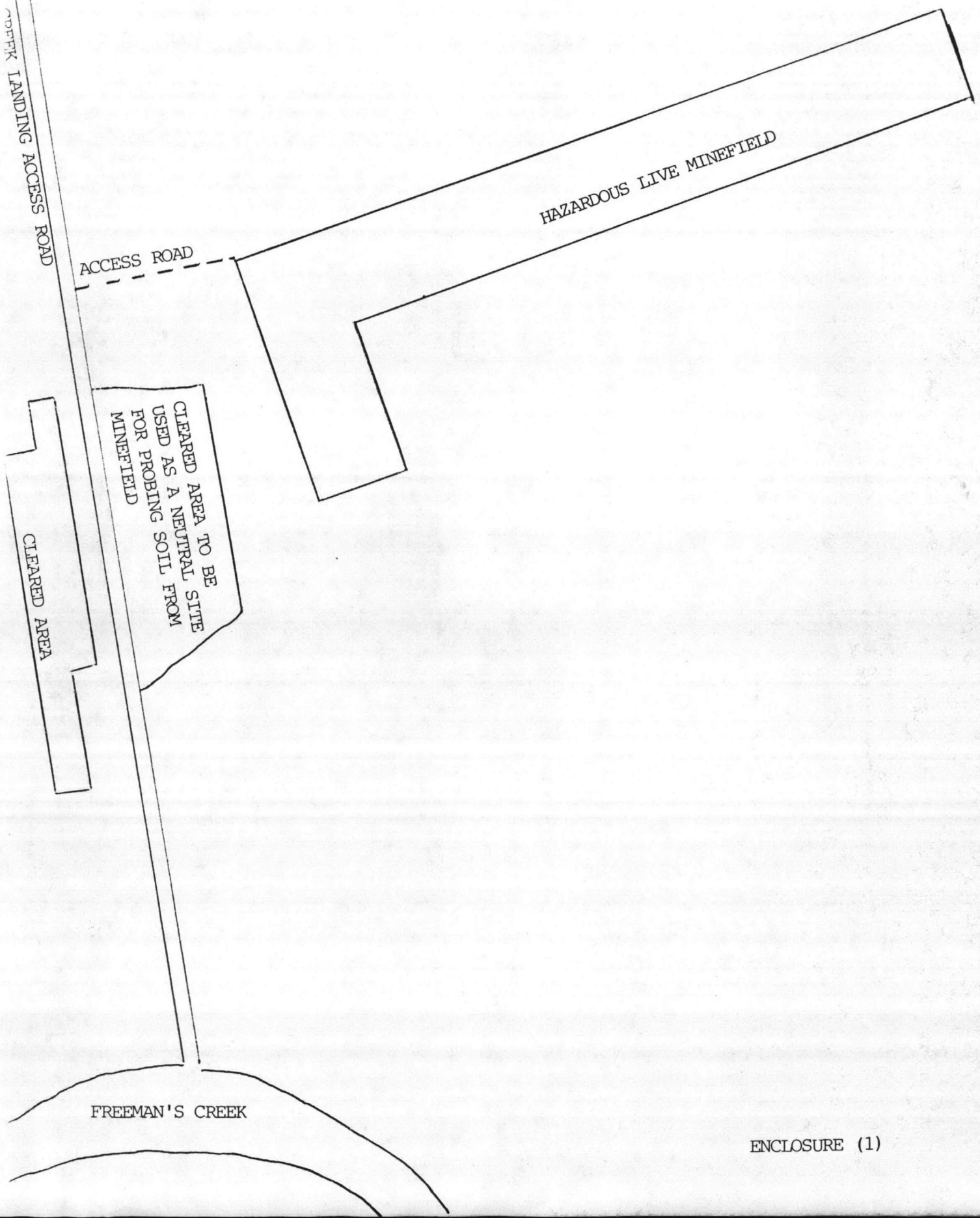
ENCLOSURE (1)

SITE MAP HAZARDOUS LIVE MINEFIELD



ENCLOSURE (1)

SITE MAP HAZARDOUS LIVE MINEFIELD



ENCLOSURE (1)

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

IN REPLY REFER TO
8000
TRNG
13 Aug 1984

SECOND ENDORSEMENT on EODO ltr 8027 over EOD dtd 1 Aug 1984

From: Assistant Chief of Staff, Training
To: Assistant Chief of Staff, Facilities

Subj: HAZARDOUS LIVE MINEFIELD

1. Forwarded for appropriate action. Your comments and suggestions, particularly in response to paragraphs 3 and 4 of the basic correspondence, are being sought early in the planning process in order to identify any potential problems.

2. Response by 15 September will be appreciated.

J. A. SPEICHER

Rec'd by Forestey
17 August, 1984

UNITED STATES MARINE CORPS
Range Control
Marine Corps Base
Camp Lejeune, North Carolina 28542

IN REPLY REFER TO:
8027
RCTL
1 August 84

FIRST ENDORSEMENT on EODO ltr 8027 over EOD dtd 1AUG84

From: Range Control Officer
To: Director, Natural Resources and Environmental Affairs Division
Via: (1) Assistant Chief of Staff, Training
(2) Assistant Chief of Staff, Facilities

Subj: HAZARDOUS LIVE MINEFIELD

1. Forwarded for action.

T. B. Howard
T. B. HOWARD

UNITED STATES MARINE CORPS
Explosive Ordnance Disposal
Range Control
Marine Corps Base
Camp Lejeune, North Carolina 28542-5000

IN REPLY REFER TO:

8027
EOD
1 August 84

From: Explosive Ordnance Disposal Officer
To: Director, Natural Resources and Environmental Affairs Division
Via: (1) Range Control Officer
(2) Assistant Chief of Staff, Training
(3) Assistant Chief of Staff, Facilities

Subj: HAZARDOUS LIVE MINEFIELD

Encl: (1) Site Map of Minefield

1. The Base EOD Team has been tasked with clearing the Hazardous Live Minefield located at GS 9330 near Freeman's Creek Landing. Because of the possibility of shifting mines it is imperative that this operation be conducted in the near future. Delay will only result in additional hazards to personnel, additional costs, and eventually in increased environmental damage to the terrain. It is requested that the NREAD Staff provide, by the 15th of September 1984, comments and assistance in preparing whatever is necessary to conduct this operation in a environmentally sound manner. The goal of this operation is to return the minefield site to its natural state, free of hazardous mines, without causing any significant environmental damage.

2. The Mine Clearing Operation will consist of:

a. Removing the fence.

b. EOD personnel marking and probing for mines.

c. Disturbance of the soil and removal of trees with heavy equipment.

d. Disposition of trees by selling or hauling to a disposal site.

e. Removal of the top 2-ft. of soil to a neutral site (See enclosure 1) where it will be probed and then returned to its orignal site.

f. Rseeding of the disturbed areas.

3. Comments are also solicited for assistance in complying with environmental requirements such as:

a. Air Quality

b. Land Quality

c. Clean Water Act

d. National Historic Preservation Act

e. Executive Order 11990 Protection of Wetlands

f. Endangered Species Act

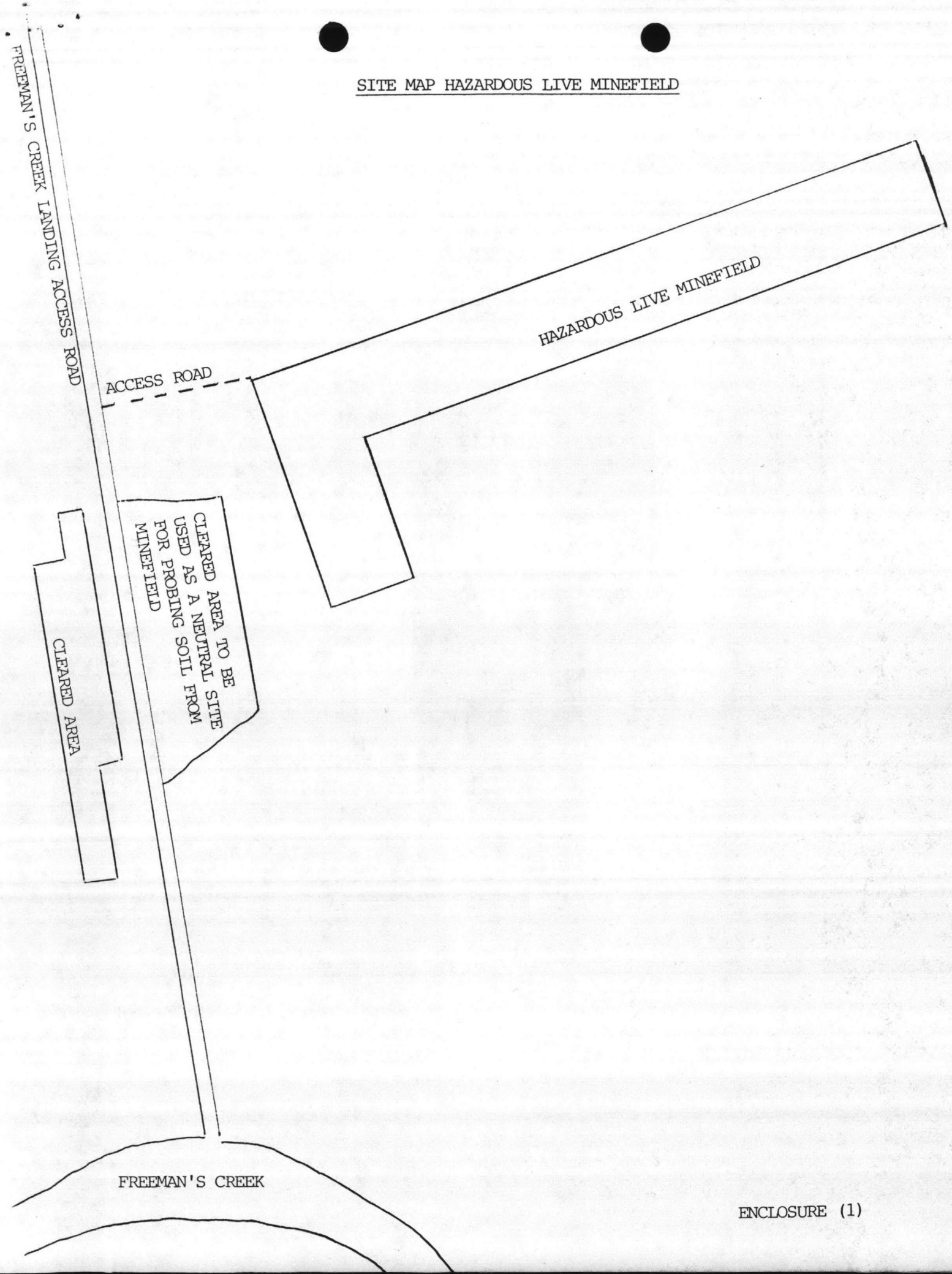
g. Requirements to comply with other State or Federal Regulations

4. If problem areas are identified it is requested that possible solutions be provided. If outside permits or liaison with outside agencies are required to conduct this operation it is requested that the section responsible for performing such activity be identified.

5. Point of contact for additional information is 1stLt Redmond, ext. 0558/0382.

H. B. Redmond Jr.
H. B. REDMOND JR.

SITE MAP HAZARDOUS LIVE MINEFIELD



ENCLOSURE (1)

11000/2
NREAD
21 Aug 1984

From: Director, Natural Resources and Environmental Affairs Division
To: Assistant Chief of Staff, Facilities, Marine Corps Base

Subj: F-3 RANGE MODIFICATION

Ref: (a) AC/S FAC Memo of 6 Aug 1984

1. Per the reference, NREAD has reviewed the subject proposal and concluded some timber between the current fan and proposed fan might be salvaged. It is recommended that AC/S, Training be requested to establish the proposed fan line on the ground so the timber can be marked and put up for sale. Peter Black, phone 2083 is the NREAD point of contact for timber removal coordination. Further, it is recommended that the PEA be processed.

P. E. BLACK
Acting

Writer: D. D. Sharpe, NREAD, 5003
Typist: J. Cross, 21Aug84, 5003

ROUTING SLIP

3 AUG 1984

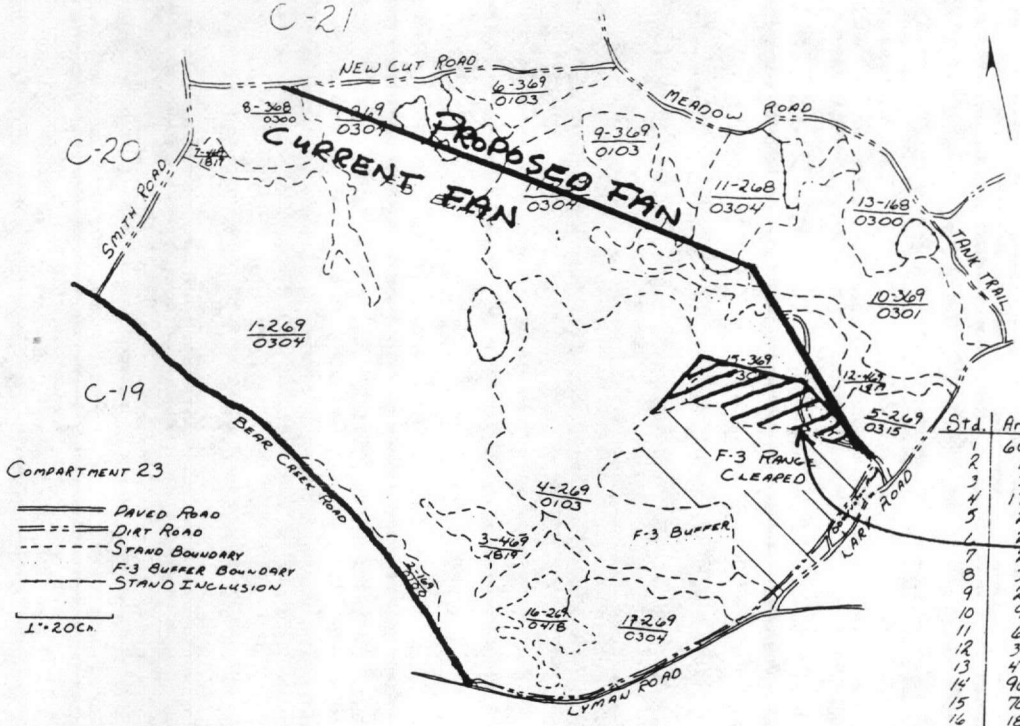
F C ROUTING			
	ACTION	INFO	INT
AC/S, FAC		✓	MM
Dep AC/S, FAC		✓	BWB
FAC MGT & PLNG O		✓	
CONST COORD			
FAC UTIL O			
FAC MAINT MGT O			
FAC PLANS/PROG O			
ENV ENGR	✓		
FAC CHIEF			
SEC TO AC/S FAC			
ADMIN SEC			
MAIL & FILE CLERK			

COMMENTS:

Lt Col F.

Alex is aware of this since he's going to be on Mil for one should ask NREAD to look to see if there is any timber would saving. UR

Col S



Std.	Area
1	608
2	12
3	38
4	178
5	24
6	22
7	24
8	36
9	28
10	90
11	66
12	36
13	44
14	96
15	70
16	18
17	52
F-3 buffer area	134
Total	1376 acres

approximate actual area to be cleared

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

IN REPLY REFER TO
11102
TRNG
2 Aug 1984

FIRST ENDORSEMENT on RCO ltr 11102 over RCTL dtd 26 Jul 84

From: Assistant Chief of Staff, Training, Marine Corps Base, Camp Lejeune
To: Assistant Chief of Staff, Facilities, Marine Corps Base, Camp Lejeune, North Carolina 28542

Subj: F-3 RANGE MODIFICATION

1. Forwarded.

S. E. Roberts

S. E. ROBERTS
By direction

UNITED STATES MARINE CORPS
Range Control
Marine Corps Base
Camp Lejeune, North Carolina 28542

IN REPLY REFER TO:

11102
RCTL
26 July 1984

From: Range Control Officer, Marine Corps Base, Camp Lejeune
To: Assistant Chief of Staff, Facilities, Marine Corps Base, Camp Lejeune
Via: Assistant Chief of Staff, Training, Marine Corps Base, Camp Lejeune

Subj: F-3 RANGE MODIFICATION

Encl: (1) Map Showing Proposed Change
(2) Preliminary Environmental Assessment (PEA)

1. Range Control requests support to shift the F-3 Range Fan 200M to the north. The proposal is shown in enclosure (1).

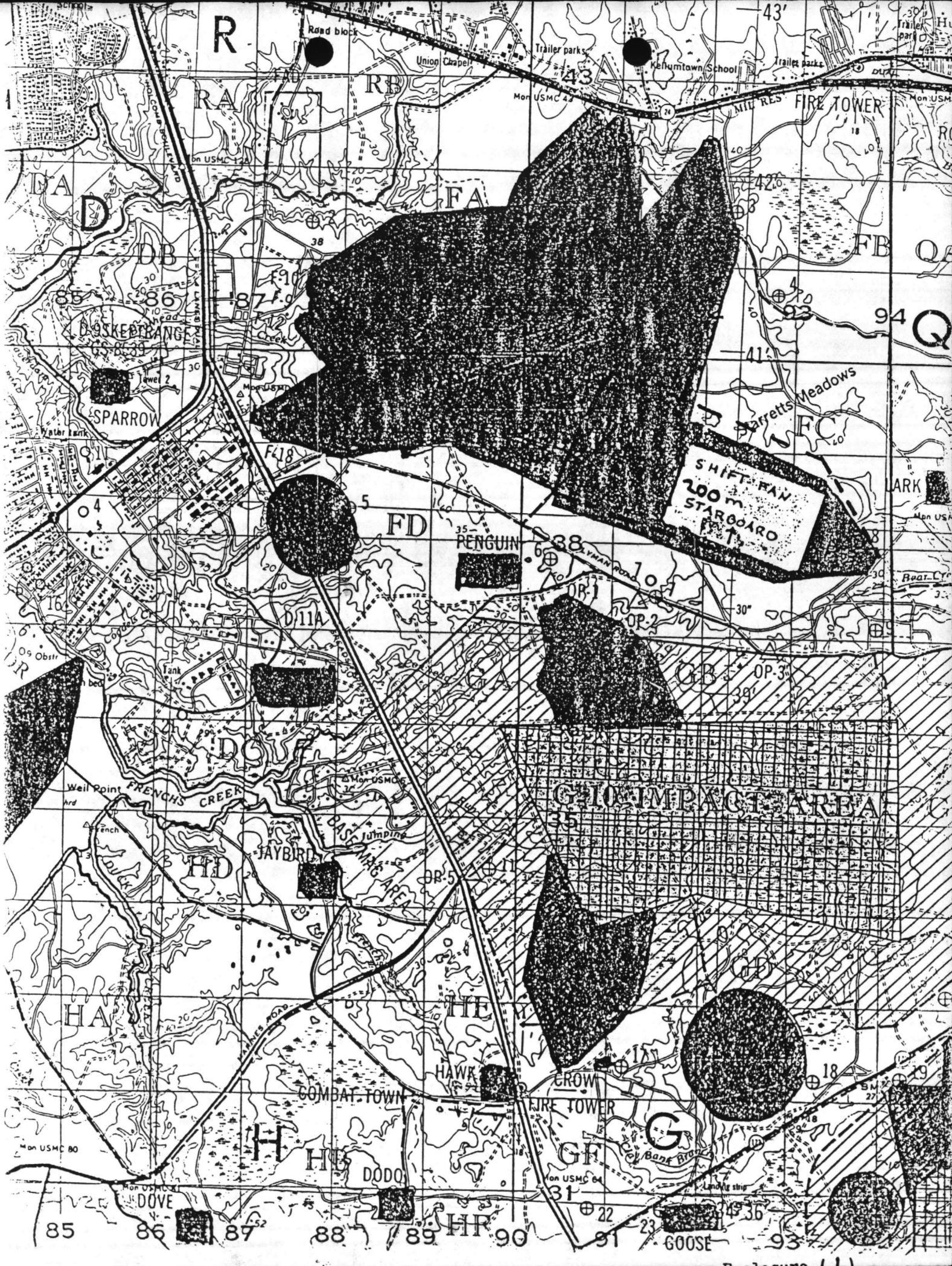
2. The shifting of the range will have no significant environmental impact.

3. Enclosure (2) is the Preliminary Environmental Assessment (PEA), for the proposed range improvement. Enclosure (2) also includes a description and characteristics of the F-3 Range.

4. Point of contact is 1stLt R.C. GRAHAM, Project Officer, ext. 3065/5803.

T. B. Howard

T. B. HOWARD


Road block
Trailer parks
Union Chapel
Kellumtown School
Trailer parks
Mon USMC 42
MIL RES FIRE TOWER
Mon USMC 124
FOLCOMB BOULEVARD
D-9 SKEET RANGE
GS-8639
Tower 2
SPARROW
Water tank
Garretts Meadows
SHIFT FAN
200 m
STARBOARD
PENGUIN
LYMAN ROAD
OP-1
OP-2
OP-3
D-11A
Tank
Weil Point
FRENCHS CREEK
Mon USMC 8
Jumping
JAYBIRD
OP-5
G-10 IMPACT AREA
HAWK
CROW
COMBAT TOWN
FIRE TOWER
Mon USMC 80
DODO
Mon USMC 64
Landing strip
DOVE
GOOSE

PRELIMINARY ENVIRONMENTAL ASSESSMENT

FOR

RANGE F-3

1. ENCLOSURE. Map showing proposed range clean-up.

2. PURPOSE AND NEED. The purpose of the stated clean-up is to increase the functionality of the Field Firing Range.

3. PROJECT DESCRIPTION. This intention will involve the clearing of visual pathways, i.e. trees and brush, two hundred meters (200M) following the starboard side of the range dispersion area. All other erosion control aspects will remain intact.

4. SITE LOCATION. The affected area is presented on the enclosure. Currently, firing on the range is authorized for service rifles, M-60 machine guns, shotguns, pistols and M72 rocket launchers.

5. RANGE CHARACTERISTICS. The field firing area is authorized for the weapons detailed in item four. Targets consist of stationary tank hulls.

6. COMPLIANCE WITH ENVIRONMENTAL REQUIREMENTS.

a. Air Quality: No emissions are anticipated.

b. Land Quality: Erosion control measures will be included in the project. Preventative measures to contain all sediment on site will be provided. All disturbed sections will be reseeded within thirty (30) days of completion of the proposed clean-up.

c. Clean Water Act: No discharge of wastes to surface waters will occur during clean-up or with subsequent use.

d. National Historic Preservation Act: No significant cultural resources are located on the project site. However, in view of the archeological sensitive area, during construction of this project extreme care will be exercised in watching for any indications of matters of historical interest/significance. In the event any evidence is found, construction will immediately be suspended pending further, detailed study and actions in accordance with appropriate directives.

e. Executive Order 11990 Protection of Wetlands: Disturbance of wetlands will be avoided during clearing except that approved by the U.S. Army Corps of Engineers and other agencies as required.

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. However, during construction of this project, extreme care will be exercised in watching for any indications of endangered species or their habitat. In the event any evidence is found, construction will immediately be suspended pending further, detailed study and actions in accordance with appropriate directives.

7. CONCLUSION. The proposed improvements for the F-3 Field Firing 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.

F-
DDS

UNITED STATES MARINE CORPS
Marine Corps Base
Camp Lejeune, North Carolina 28542

11000
FAC
2 AUG 00

From: Assistant Chief of Staff, Facilities, Marine Corps Base, Camp Lejeune

Subj: FACILITIES DATA FOR CAMP LEJEUNE

Encl: (1) Facilities Data

1. The enclosure is provided for your use and specifically in briefings concerning Camp Lejeune. If you observe data that appears to be in error or in question, please advise this office. This data will be updated biannually or more often if substantive changes occur.

B. W. ELSTON
By direction

DISTRIBUTION:
AC/S, Compt
AC/S, Manp
AC/S, PersSvcs
AC/S, Log
AC/S, Trng
AC/S, SpecSvcs
CEO
BMO
PWO
DFH
DUPH
NREAD
FireChf

FACILITIES DATA

Total Area 174 sq. miles
111,208.46 acres

Land 85,208.18 acres
Water 26,000.28 acres*
*not carried on plant records

Improved grounds 4,047.22 acres
Semi-improved 3,429.92 acres
Unimproved grounds 74,662.28 acres
Other 3,068.76 acres

Base Perimeter 68 miles

Oceanfront 14 miles

Buildings (excluding Family Housing) 1,978

Family Housing 4,454

Mobile Home Park 112 spaces

Acquisition cost $383,347,519 total base

Replacement cost $1,874,257,337 total base

Roads and streets 431 miles

Electric distribution system 435 miles

UEPHs 233 each
UOPHs 19 each

Exchanges 19

Dependents' Schools - 7

Theaters - 8

Commissaries - 3

Chapels - 11

Fire stations - 9

Water Treatment Plants - 8

Sewage Treatment Plants - 7

Central Steam Generation Plants - 7