ROUTINE REPLY, ENDORSEMENT, TRANSMITTAL OR R
OPNAV 5216/158 (Rev. 7-78) *A WINDOW ENVELOPE*
SN 0107-LF-052-1691 *Formerly NAVEXC*

Scotch® 7664 "Post-it" Routing-Request Pad

ROUTING - REQUEST

FROM (*Show telephone number in addition to address*)
LANTDIV Code 1142

Please
☐ READ
☐ HANDLE
☐ APPROVE
and
☐ FORWARD
☐ RETURN
☐ KEEP OR DISCARD
☐ REVIEW WITH ME

To BMain

Date 8 May 85 From ACOS FAC, Env Engr

SUBJECT
VOA

TO:
MCB CAMP LEJEUNE
BASE MAINTENANCE
ENVIRONMENTAL AFFAIRS

VIA:

ENDORSEMENT ON

☒ FORWARDED ☐ RETURNED ☐ FOLLOW-UP, OR TRACER ☐ REQUEST ☐ SUBMIT ☐ CERTIFY ☐ MAIL ☐ FILE

GENERAL ADMINISTRATION	CONTRACT ADMINISTRATION	PERSONNEL
☒ FOR APPROPRIATE ACTION	NAME & LOCATION OF SUPPLIER OF SUBJECT ITEMS	REPORTED TO THIS COMMAND:
UNDER YOUR COGNIZANCE	SUBCONTRACT NO. OF SUBJECT ITEM	
INFORMATION	APPROPRIATION SYMBOL, SUBHEAD, AND CHARGEABLE ACTIVITY	DETACHED FROM THIS COMMAND
APPROVAL RECOMMENDED ☐ YES ☐ NO	SHIPPING AT GOVERNMENT EXPENSE ☐ YES ☐ NO	OTHER
☐ APPROVED ☐ DISAPPROVED	A CERTIFICATE, VICE BILL OF LADING	
COMMENT AND/OR CONCURRENCE	COPIES OF CHANGE ORDERS, AMENDMENT OR MODIFICATION	
CONCUR	CHANGE NOTICE TO SUPPLIER	
LOANED, RETURN BY:	STATUS OF MATERIAL ON PURCHASE DOCUMENT	
SIGN RECEIPT & RETURN		
REPLY TO THE ABOVE BY:		
REFERENCE NOT RECEIVED		
SUBJECT DOCUMENT FORWARDED TO:		
SUBJECT DOCUMENT RETURNED FOR:		
SUBJECT DOCUMENT HAS BEEN REQUESTED, AND WILL BE FORWARDED WHEN RECEIVED		
COPY OF THIS CORRESPONDENCE WITH YOUR REPLY		
ENCLOSURE NOT RECEIVED		
ENCLOSURE FORWARDED AS REQUESTED		
ENCLOSURE RETURNED FOR CORRECTION AS INDICATED		
CORRECTED ENCLOSURE AS REQUESTED		
REMOVE FROM DISTRIBUTION LIST		
REDUCE DISTRIBUTION AMOUNT TO:		

REMARKS (*Continue on reverse*)

Copies to NREAU
BMAIN
PMV

CLW
0000004787

SIGNATURE & TITLE

COPY TO:
114, 1142, 1145

CLASSIFICATION (*UNCLASSIFIED when detached from enclosures, unless otherwise indicated*)

☆ U.S. Government Printing Office: 1983—605-010/8603 2-1

REPORT # 65

LABORATORY ANALYSIS ON

NAVAL SAMPLES

(A/E CONTRACT N62470-84-B-6932)

JTC REPORT # 85-167

PREPARED FOR:

DEPARTMENT OF THE NAVY

ATLANTIC DIVISION

NAVAL FACILITIES ENGINEERING COMMAND

NORFOLK, VA 23511

PREPARED BY:

JTC ENVIRONMENTAL CONSULTANTS, INC.

4 RESEARCH PLACE, SUITE L-10

ROCKVILLE, MARYLAND 20850

APRIL 26, 1985

Ann E. Rosecrance

Ann E. Rosecrance
Laboratory Director

JTC Environmental Consultants, Inc.

Date 4-26-85 Report No. 65 to Naval Facilities Engineering Command, Norfolk, Virginia

JTC Data Report No. 85-167 Table 1 Date of Sample Receipt 4/23/85

NAVY SAMPLE ID	JTC SAMPLE ID	ANALYSIS PARAMETER							
		VOA							
TT Treated 4/22/85 11:20	12-0820	see attached sheet							

CLW

0000004789

JTC Environmental Consultants, Inc.

Date 4-26-85 Report No. 65 to Naval Facilities Engineering Command, Norfolk, Virginia

JTC Data Report No. 85-167 Table 2 Date of Sample Receipt 4/23/85

NAVY SAMPLE ID	JTC SAMPLE ID	ANALYSIS PARAMETER							
		VOA							
HP 20 Treated 4/22/85 12:00	12-0817	broken in transit							
LCH 4006 4/22/85 11:35	12-0818	see attached sheet							
RR-227 4/22/85 12:35	12-0819	"							

CLW

0000004790

JTC ENVIRONMENTAL CONSULTANTS, INC.
PRIORITY POLLUTANT ANALYSIS DATA SHEET

VOLATILE FRACTION

JTC SAMPLE # 12-0818 PROJECT NO. NF-12

NAVY SAMPLE # LCH 4006 4/22/85 DATE RECEIVED 4/23/85

METHOD NO. 624 DETECTION LIMIT 10 ug/lit

PARAMETER	RESULT ug/lit	PARAMETER	RESULT ug/lit
2V acrolein	N.D.	32V 1,2-dichloropropane	N.D.
3V acrylonitrile	N.D.	33V 1,3-dichloropropylene	N.D.
4V benzene	N.D.	38V ethylbenzene	N.D.
6V carbon tetrachloride	N.D.	44V methylene chloride	N.D.
7V chlorobenzene	N.D.	45V methyl chloride	N.D.
10V 1,2-dichloroethane	N.D.	46V methyl bromide	N.D.
11V 1,1,1-trichloroethane	N.D.	47V bromoform	N.D.
13V 1,1-dichloroethane	N.D.	48V dichlorobromomethane	N.D.
14V 1,1,2-trichloroethane	N.D.	49V trichlorofluoromethane	N.D.
15V 1,1,2,2-tetrachloroethane	N.D.	50V dichlorodifluoromethane	N.D.
16V chloroethane	N.D.	51V chlorodibromomethane	N.D.
19V 2-chloroethylvinyl ether	N.D.	85V tetrachloroethylene	N.D.
23V chloroform	N.D.	86V toluene	N.D.
29V 1,1-dichloroethylene	N.D.	87V trichloroethylene	N.D.
30V 1,2-trans-dichloroethylene	N.D.	88V vinyl chloride	N.D.

N.D. = NOT DETECTED
N.A. = NOT APPLICABLE/ANALYZED

CLW

0000004791

JTC ENVIRONMENTAL CONSULTANTS, INC.
PRIORITY POLLUTANT ANALYSIS DATA SHEET

VOLATILE FRACTION

JTC SAMPLE # 12-0819 PROJECT NO. NF-12

NAVY SAMPLE # RR-227 4/22/85 DATE RECEIVED 4/23/85

METHOD NO. 624 DETECTION LIMIT 10 ug/lit

PARAMETER	RESULT ug/lit	PARAMETER	RESULT ug/lit
2V acrolein	N.D.	32V 1,2-dichloropropane	N.D.
3V acrylonitrile	N.D.	33V 1,3-dichloropropylene	N.D.
4V benzene	N.D.	38V ethylbenzene	N.D.
6V carbon tetrachloride	N.D.	44V methylene chloride	N.D.
7V chlorobenzene	N.D.	45V methyl chloride	N.D.
10V 1,2-dichloroethane	N.D.	46V methyl bromide	N.D.
11V 1,1,1-trichloroethane	3.2 * ~~N.D.~~	47V bromoform	N.D.
13V 1,1-dichloroethane	N.D.	48V dichlorobromomethane	N.D.
14V 1,1,2-trichloroethane	N.D.	49V trichlorofluoromethane	N.D.
15V 1,1,2,2-tetrachloroethane	N.D.	50V dichlorodifluoromethane	N.D.
16V chloroethane	N.D.	51V chlorodibromomethane	N.D.
19V 2-chloroethylvinyl ether	N.D.	85V tetrachloroethylene	N.D.
23V chloroform	N.D.	86V toluene	N.D.
29V 1,1-dichloroethylene	N.D.	87V trichloroethylene	N.D.
30V 1,2-trans-dichloroethylene	N.D.	88V vinyl chloride	N.D.

CLW

0000004792

N.D. = NOT DETECTED
N.A. = NOT APPLICABLE/ANALYZED

* Below method detection limit

JTC ENVIRONMENTAL CONSULTANTS, INC.
PRIORITY POLLUTANT ANALYSIS DATA SHEET

VOLATILE FRACTION

JTC SAMPLE # 12-0820 PROJECT NO. NF-12

NAVY SAMPLE # TT Treated 4/22/85 DATE RECEIVED 4/23/85

METHOD NO. 624 DETECTION LIMIT 10 ug/lit

PARAMETER	RESULT ug/lit
2V acrolein	N.D.
3V acrylonitrile	N.D.
4V benzene	N.D.
6V carbon tetrachloride	N.D.
7V chlorobenzene	N.D.
10V 1,2-dichloroethane	N.D.
11V 1,1,1-trichloroethane	4.1 * ~~N.D.~~
13V 1,1-dichloroethane	N.D.
14V 1,1,2-trichloroethane	N.D.
15V 1,1,2,2-tetrachloroethane	N.D.
16V chloroethane	N.D.
19V 2-chloroethylvinyl ether	N.D.
23V chloroform	2.2* ~~N.D.~~
29V 1,1-dichloroethylene	N.D.
30V 1,2-trans-dichloroethylene	N.D.
32V 1,2-dichloropropane	N.D.
33V 1,3-dichloropropylene	N.D.
38V ethylbenzene	N.D.
44V methylene chloride	N.D.
45V methyl chloride	N.D.
46V methyl bromide	N.D.
47V bromoform	6.2 * ~~N.D.~~
48V dichlorobromomethane	5.7 * ~~N.D.~~
49V trichlorofluoromethane	N.D.
50V dichlorodifluoromethane	N.D.
51V chlorodibromomethane	10 ~~N.D.~~
85V tetrachloroethylene	1.0 * ~~N.D.~~
86V toluene	N.D.
87V trichloroethylene	N.D.
88V vinyl chloride	N.D.

CLW

0000004793

N.D. = NOT DETECTED
N.A. = NOT APPLICABLE/ANALYZED

* Below method detection limit

REPORT # 66

LABORATORY ANALYSIS ON

NAVAL SAMPLES

(A/E CONTRACT N62470-84-B-6932)

JTC REPORT # 85-168

PREPARED FOR:

DEPARTMENT OF THE NAVY

ATLANTIC DIVISION

NAVAL FACILITIES ENGINEERING COMMAND

NORFOLK, VA 23511

PREPARED BY:

JTC ENVIRONMENTAL CONSULTANTS, INC.

4 RESEARCH PLACE, SUITE L-10

ROCKVILLE, MARYLAND 20850

APRIL 26, 1985

Ann E. Rosecrance

Ann E. Rosecrance
Laboratory Director

JTC Environmental Consultants, Inc.

Date 4-26-85 Report No. 66 to Naval Facilities Engineering Command, Norfolk, Virginia

JTC Data Report No. 85-168 Table 1 Date of Sample Receipt 4/25/85

NAVY SAMPLE ID	JTC SAMPLE ID	ANALYSIS PARAMETER							
		VOA							
Tarawa Terr. 4/23/85 10:05	12-0821	See attached Sheet							
HP Treated 4/24/85 09:50	12-0822	"							

CLW

0000004795

JTC ENVIRONMENTAL CONSULTANTS, INC.
PRIORITY POLLUTANT ANALYSIS DATA SHEET

VOLATILE FRACTION

JTC SAMPLE # 12-0821 PROJECT NO. NF-12

NAVY SAMPLE # Tarawa Terrace 4/23/85 DATE RECEIVED 4/25/85

METHOD NO. 624 DETECTION LIMIT 10 ug/lit

PARAMETER	RESULT ug/lit
2V acrolein	N.D.
3V acrylonitrile	N.D.
4V benzene	N.D.
6V carbon tetrachloride	N.D.
7V chlorobenzene	N.D.
10V 1,2-dichloroethane	N.D.
11V 1,1,1-trichloroethane	1.4 * ~~N.D.~~
13V 1,1-dichloroethane	N.D.
14V 1,1,2-trichloroethane	N.D.
15V 1,1,2,2-tetrachloroethane	N.D.
16V chloroethane	N.D.
19V 2-chloroethylvinyl ether	N.D.
23V chloroform	2.0 * ~~N.D.~~
29V 1,1-dichloroethylene	N.D.
30V 1,2-trans-dichloroethylene	N.D.
32V 1,2-dichloropropane	N.D.
33V 1,3-dichloropropylene	N.D.
38V ethylbenzene	N.D.
44V methylene chloride	N.D.
45V methyl chloride	N.D.
46V methyl bromide	N.D.
47V bromoform	6.3 * ~~N.D.~~
48V dichlorobromomethane	4.2 * ~~N.D.~~
49V trichlorofluoromethane	N.D.
50V dichlorodifluoromethane	N.D.
51V chlorodibromomethane	8.6 * ~~N.D.~~
85V tetrachloroethylene	N.D.
86V toluene	N.D.
87V trichloroethylene	N.D.
88V vinyl chloride	N.D.

CLW

0000004796

N.D. = NOT DETECTED
N.A. = NOT APPLICABLE/ANALYZED

* Below method detection limi-

JTC ENVIRONMENTAL CONSULTANTS, INC.
PRIORITY POLLUTANT ANALYSIS DATA SHEET

VOLATILE FRACTION

JTC SAMPLE # 12-0822 PROJECT NO. NF-12

NAVY SAMPLE # HP Treated Bldg 20 4/24/85 DATE RECEIVED 4/25/85

METHOD NO. 624 DETECTION LIMIT 10 ug/lit

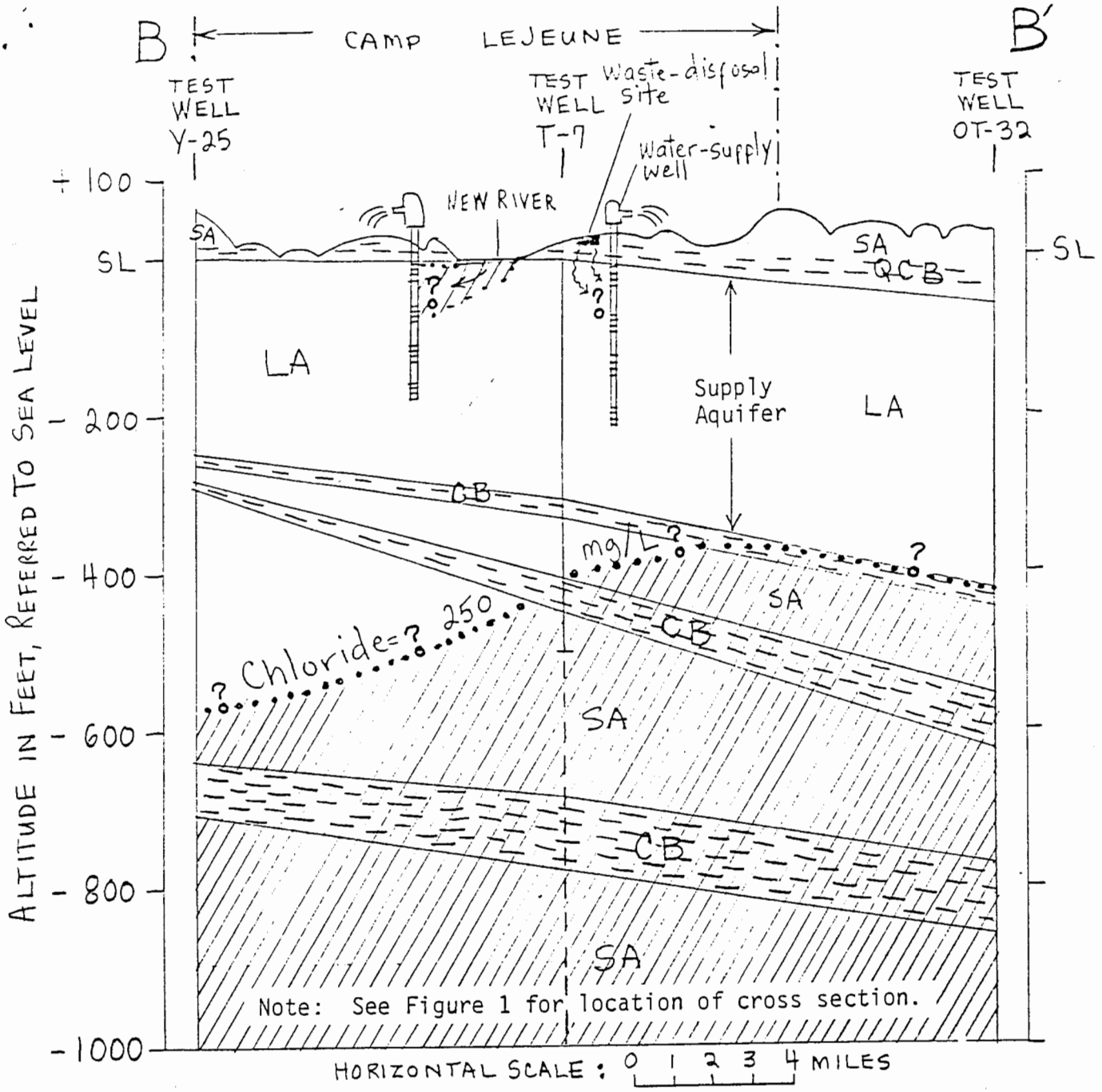
PARAMETER	RESULT ug/lit	PARAMETER	RESULT ug/lit
2V acrolein	N.D.	32V 1,2-dichloropropane	N.D.
3V acrylonitrile	N.D.	33V 1,3-dichloropropylene	N.D.
4V benzene	N.D.	38V ethylbenzene	N.D.
6V carbon tetrachloride	N.D.	44V methylene chloride	N.D.
7V chlorobenzene	N.D.	45V methyl chloride	N.D.
10V 1,2-dichloroethane	N.D.	46V methyl bromide	N.D.
11V 1,1,1-trichloroethane	2.1 * ~~N.D.~~	47V bromoform	N.D.
13V 1,1-dichloroethane	N.D.	48V dichlorobromomethane	10 ~~N.D.~~
14V 1,1,2-trichloroethane	N.D.	49V trichlorofluoromethane	N.D.
15V 1,1,2,2-tetrachloroethane	N.D.	50V dichlorodifluoromethane	N.D.
16V chloroethane	N.D.	51V chlorodibromomethane	6.3* ~~N.D.~~
19V 2-chloroethylvinyl ether	N.D.	85V tetrachloroethylene	N.D.
23V chloroform	13 ~~N.D.~~	86V toluene	N.D.
29V 1,1-dichloroethylene	N.D.	87V trichloroethylene	N.D.
30V 1,2-trans-dichloroethylene	N.D.	88V vinyl chloride	N.D.

CLW

0000004797

N.D. = NOT DETECTED
N.A. = NOT APPLICABLE/ANALYZED

* Below method detection limit



EXPLANATION

CB - Confining Bed

QCB - Questionable Confining Bed

LA - Limestone Aquifer

SA - Sand Aquifer

SL - Sea Level

mg/L - milligrams per liter

- Rock containing water with more than 250 mg/L Chloride

Figure 3.--Diagrammatic geologic and hydrologic cross section B-B', through Camp Lejeune Marine Corps Base, North Carolina.

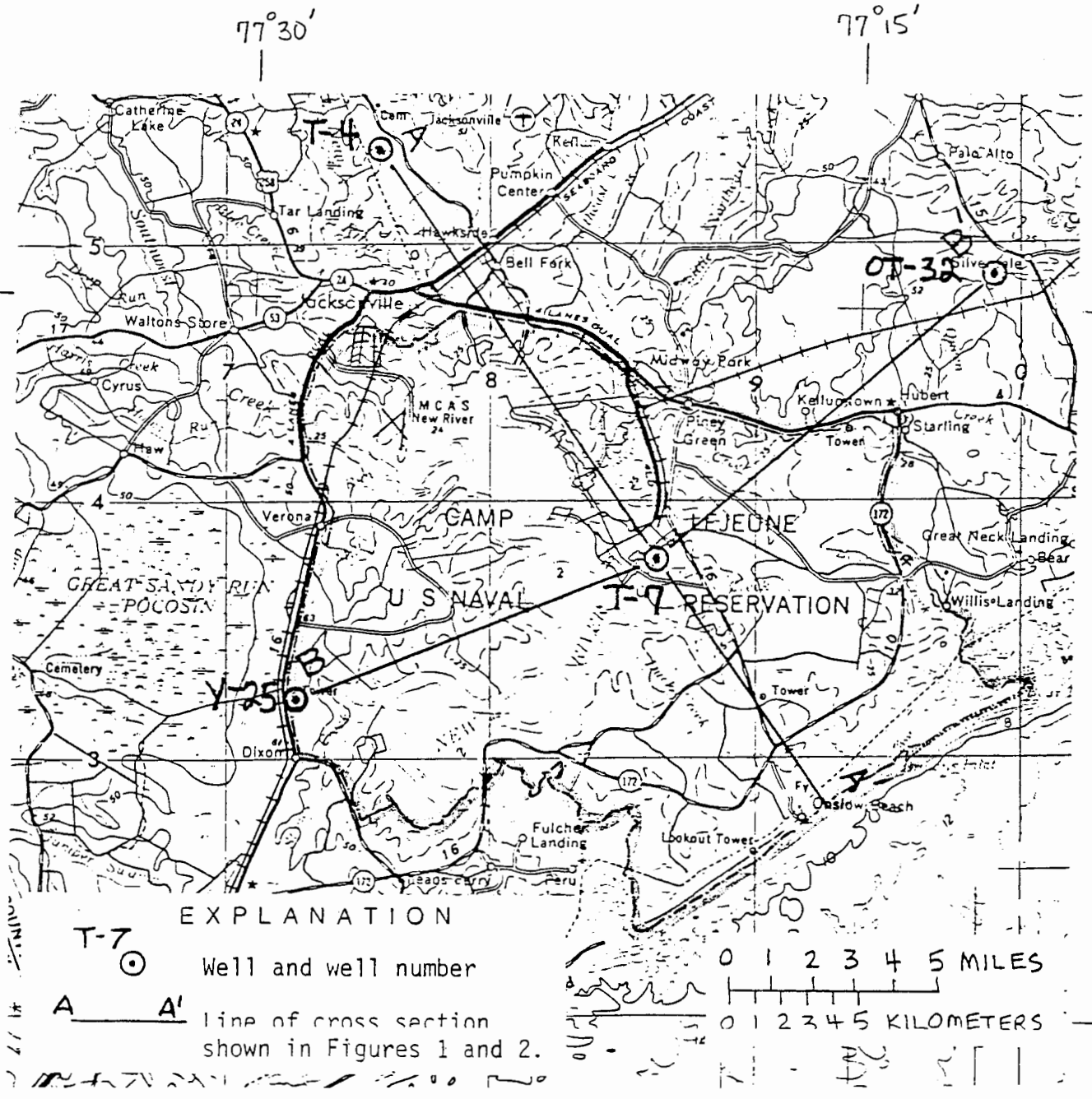


Figure 1.--Location of Camp Lejeune Marine Corps Base, North Carolina.

CLW

0084000000

MTO

08 MAY 1985

ROUTING SLIP

	ACTION	INFO	INITIAL
BMO			
ABMO		✓	JM
ADMIN			
F&A			
MAINT NCO			
M&R			
OPNS			
PROP			
UMACS			
UTIL		✓	GSJ
SECRETARY			

COMMENTS: