

ROUTINE REPLY, ENDORSEMENT, TRANSMITTAL OR II

OPNAV 5216/158 (Rev. 7-78)
SN 0107-LF-052-1691

A WINDOW ENVELOPE
Formerly NAVEXC

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

ROUTING - REQUEST

FROM (Show telephone number in addition to address)

LANTDIV CODE 1142

SUBJECT

VOA

TO:

MCB CAMP LANTJUNG
BASE MAINTENANCE
ENVIRONMENTAL AFFAIRS

Please

READ

To

HANDLE

Bmain

APPROVE

and

FORWARD

RETURN

KEEP OR DISCARD

REVIEW WITH ME

Date

8 May 85

From

ACKSFAC, Env Engr

VIA:

ENDORSEMENT ON

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

GENERAL ADMINISTRATION	CONTRACT ADMINISTRATION	PERSONNEL
<input checked="" type="checkbox"/> FOR APPROPRIATE ACTION UNDER YOUR COGNIZANCE	NAME & LOCATION OF SUPPLIER OF SUBJECT ITEMS	REPORTED TO THIS COMMAND:
INFORMATION	SUBCONTRACT NO. OF SUBJECT ITEM	
APPROVAL RECOMMENDED <input type="checkbox"/> YES <input type="checkbox"/> NO	APPROPRIATION SYMBOL, SUBHEAD, AND CHARGEABLE ACTIVITY	DETACHED FROM THIS COMMAND
<input type="checkbox"/> APPROVED <input type="checkbox"/> DISAPPROVED	SHIPPING AT GOVERNMENT EXPENSE <input type="checkbox"/> YES <input type="checkbox"/> NO	OTHER
COMMENT AND/OR CONCURRENCE	A CERTIFICATE, VICE BILL OF LADING	
CONCUR	COPIES OF CHANGE ORDERS, AMENDMENT OR MODIFICATION	
LOANED, RETURN BY:	CHANGE NOTICE TO SUPPLIER	
SIGN RECEIPT & RETURN	STATUS OF MATERIAL ON PURCHASE DOCUMENT	
REPLY TO THE ABOVE BY:		
REFERENCE NOT RECEIVED	REMARKS (Continue on reverse)	
SUBJECT DOCUMENT FORWARDED TO:	<p>Copies to NREAU BMAIN PMU</p> <p>CLW 0000004787</p>	
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:		
SIGNATURE & TITLE		

COPY TO:

114, 1142, 1145

CLASSIFICATION UNCLASSIFIED when detached from enclosures, unless otherwise indicated

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

CLW
0000004788

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							
LCH 4006 4/22/85 11:35		12-0818	broken in transit						
RR-227 4/22/85 12:35		12-0819	see attached sheet						
			"						
								CLW 000004790	



JTC ENVIRONMENTAL CONSULTANTS, INC.
PRIORITY POLLUTANT ANALYSIS DATA SHEET

VOLATILE FRACTION

JTC SAMPLE # 12-0818 PROJECT NO. NF-12
NAVY SAMPLE # LCH 4006 4/23/85 DATE RECEIVED 4/23/85
METHOD NO. 624 DETECTION LIMIT 10 ug/lit

PARAMETER	RESULT ug/lit	PARAMETER	RESULT ug/lit
<u>2V acrolein</u>	<u>N.D.</u>	<u>32V 1,2-dichloropropane</u>	<u>N.D.</u>
<u>3V acrylonitrile</u>	<u>N.D.</u>	<u>33V 1,3-dichloro- pylene</u>	<u>N.D.</u>
<u>4V benzene</u>	<u>N.D.</u>	<u>38V ethylbenzene</u>	<u>N.D.</u>
<u>6V carbon tetrachloride</u>	<u>N.D.</u>	<u>44V methylene chloride</u>	<u>N.D.</u>
<u>7V chlorobenzene</u>	<u>N.D.</u>	<u>45V methyl chloride</u>	<u>N.D.</u>
<u>10V 1,2-dichloroethane</u>	<u>N.D.</u>	<u>46V methyl bromide</u>	<u>N.D.</u>
<u>11V 1,1,1-trichloro- ethane</u>	<u>N.D.</u>	<u>47V bromoform</u>	<u>N.D.</u>
<u>13V 1,1-dichloroethane</u>	<u>N.D.</u>	<u>48V dichlorobromo- methane</u>	<u>N.D.</u>
<u>14V 1,1,2-trichloro- ethane</u>	<u>N.D.</u>	<u>49V trichlorofluoro- methane</u>	<u>N.D.</u>
<u>15V 1,1,2,2-tetra- chloroethane</u>	<u>N.D.</u>	<u>50V dichlorodifluoro- methane</u>	<u>N.D.</u>
<u>16V chloroethane</u>	<u>N.D.</u>	<u>51V chlorodibromomethane</u>	<u>N.D.</u>
<u>19V 2-chloroethylvinyl ether</u>	<u>N.D.</u>	<u>85V tetrachloroethylene</u>	<u>N.D.</u>
<u>23V chloroform</u>	<u>N.D.</u>	<u>86V toluene</u>	<u>N.D.</u>
<u>29V 1,1-dichloroethylene</u>	<u>N.D.</u>	<u>87V trichloroethylene</u>	<u>N.D.</u>
<u>30V 1,2-trans-dichloro- ethylene</u>	<u>N.D.</u>	<u>88V vinyl chloride</u>	<u>N.D.</u>

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

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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-dichloropro- pylene	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-trichloro- ethane	3.2 * N.D.	47V bromoform	N.D.
13V 1,1-dichloroethane	N.D.	48V dichlorobromo- methane	N.D.
14V 1,1,2-trichloro- ethane	N.D.	49V trichlorofluoro- methane	N.D.
15V 1,1,2,2-tetra- chloroethane	N.D.	50V dichlorodifluoro- methane	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-dichloro- ethylene	N.D.	88V vinyl chloride	N.D.

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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	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	4.1* N.D.	47V bromoform	6.2* N.D.
13V 1,1-dichloroethane	N.D.	48V dichlorobromomethane	5.7* 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	10 N.D.
19V 2-chloroethylvinyl ether	N.D.	85V tetrachloroethylene	1.0* N.D.
23V chloroform	2.2* 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.

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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:
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APRIL 26, 1985

Ann E. Rosecrance

Ann E. Rosecrance
Laboratory Director

CLW
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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							
Tarawa Terr. 4/23/85 10:05		12-0821	VOA							
HP Treated 4/24/85 09:50		12-0822	See attached Sheet							
			"							
										CLW 000004795



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	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	1.4* N.D.	47V bromoform	6.3* N.D.
13V 1,1-dichloroethane	N.D.	48V dichlorobromomethane	4.2* 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	8.6* N.D.
19V 2-chloroethylvinyl ether	N.D.	85V tetrachloroethylene	N.D.
23V chloroform	2.0* 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.

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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 # 12-0822 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

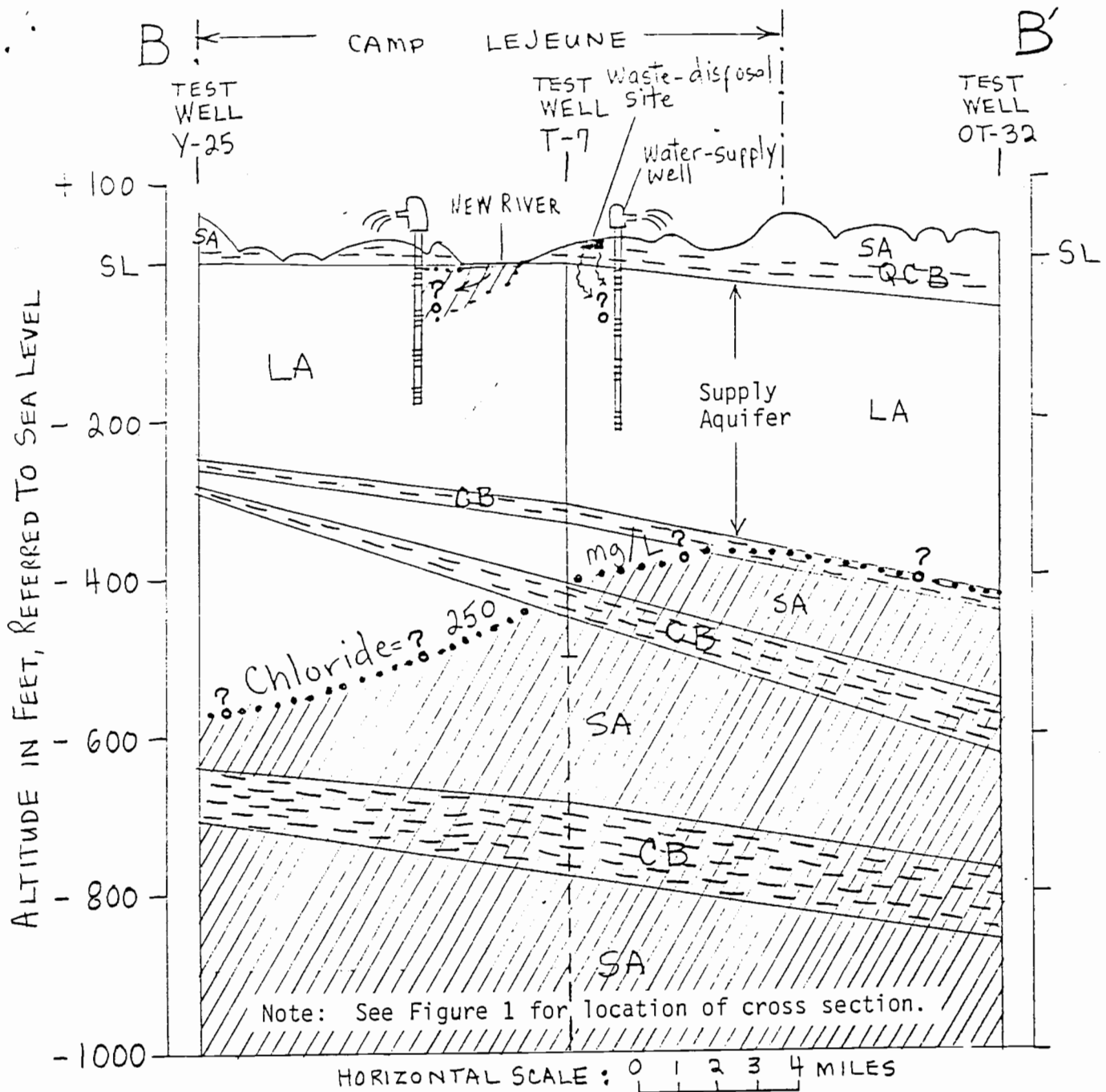
PARAMETER	RESULT ug/lit	PARAMETER	RESULT ug/lit
2V acrolein	N.D.	32V 1,2-dichloropropane	N.D.
3V acrylonitrile	N.D.	33V 1,3-dichloropro- pylene	N.D.
4V benzene	N.D.	38V ethylbenzene	N.D.
6V carbon tetrachloride	N.D.	44V methylene chloride	N.D.
7V chlorobenzene	N.D.	45V methyl chloride	N.D.
10V 1,2-dichloroethane	N.D.	46V methyl bromide	N.D.
11V 1,1,1-trichloro- ethane	2.1* N.D.	47V bromoform	N.D.
13V 1,1-dichloroethane	N.D.	48V dichlorobromo- methane	10 N.D.
14V 1,1,2-trichloro- ethane	N.D.	49V trichlorofluoro- methane	N.D.
15V 1,1,2,2-tetra- chloroethane	N.D.	50V dichlorodifluoro- methane	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-dichloro- ethylene	N.D.	88V vinyl chloride	N.D.

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N.D. = NOT DETECTED
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* Below method detection limit



EXPLANATION

CB - Confining Bed
 QCB - Questionable Confining Bed
 LA - Limestone Aquifer


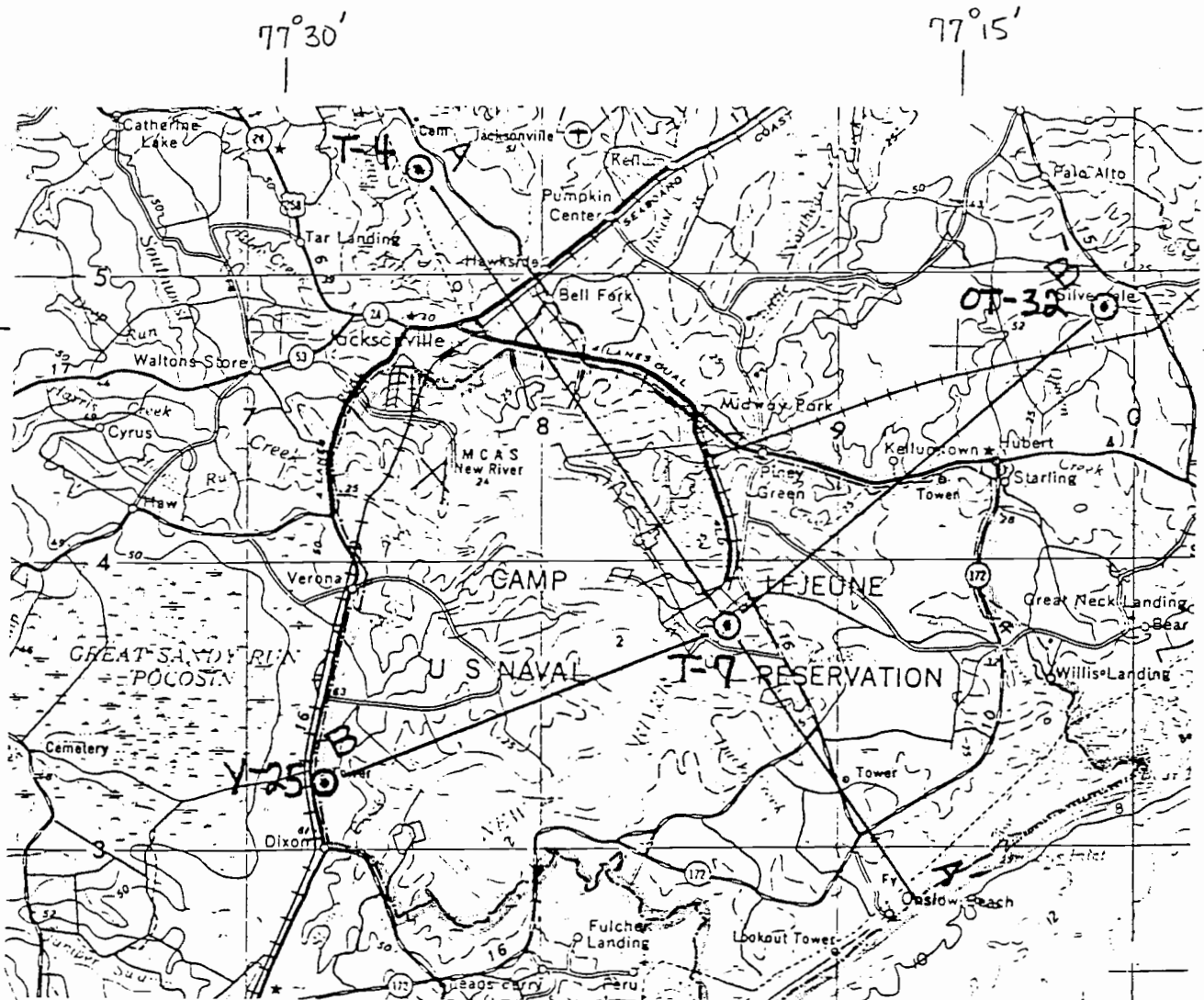
SA - Sand Aquifer
 SL - Sea Level
 mg/L - milligrams per liter
 - Rock containing water with more than 250 mg/L Chloride

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

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EXPLANATION

T-7 Well and well number

A — A' line of cross section shown in Figures 1 and 2.

0 1 2 3 4 5 MILES

0 1 2 3 4 5 KILOMETERS

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

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MTD

08 MAY 1985

ROUTING SLIP

	ACTION	INFO	INITIAL
BMO			
ABMO		✓	jm
ADMIN			
F&A			
MAINT NCO			
M&R			
OPNS			
PROP			
UMACS			
UTIL		✓	65J
SECRETARY			

COMMENTS: