

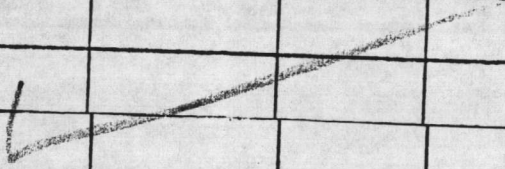
115

NUMBER 1254

By THOMAS

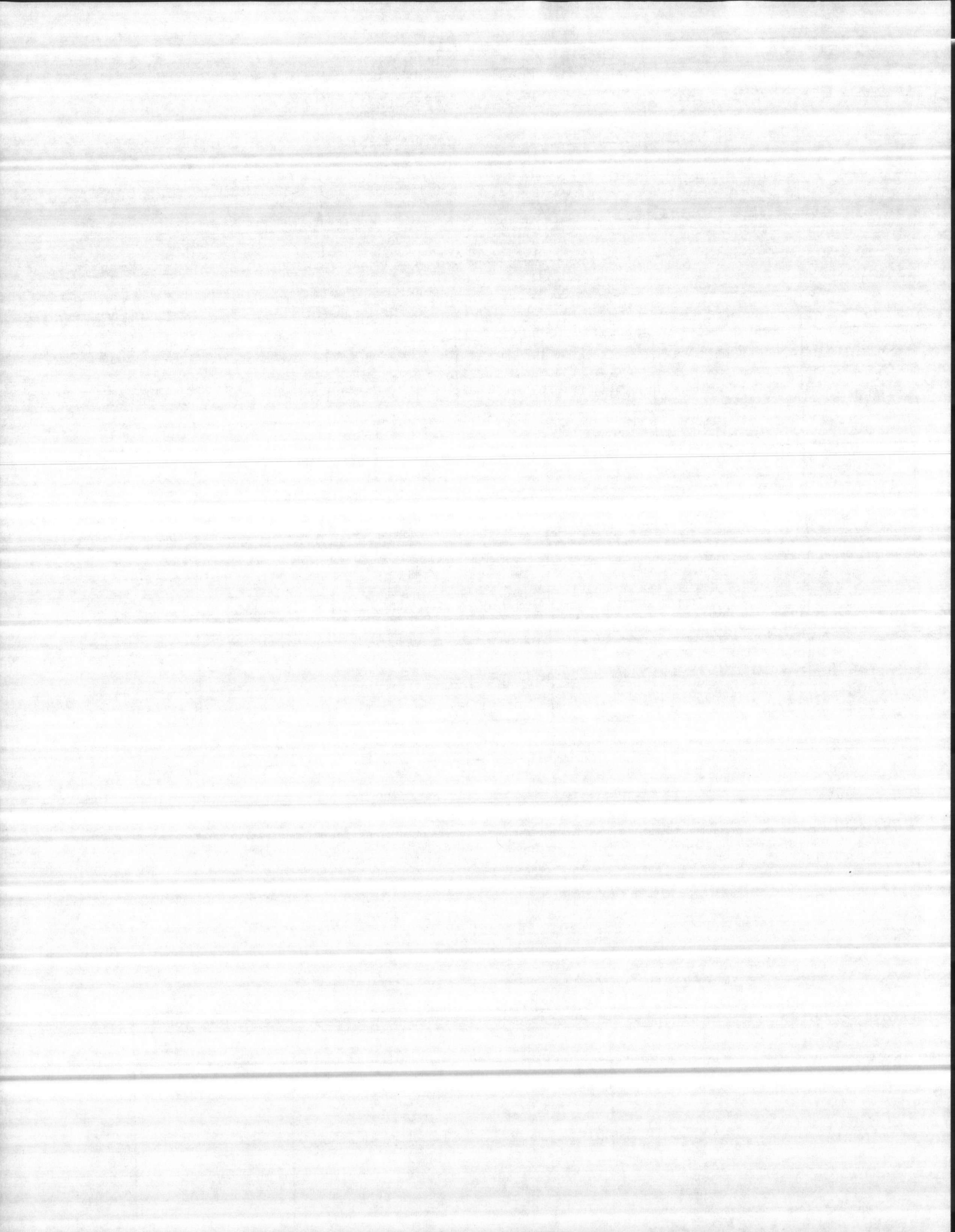
DATE 4-24-91

AIR LINE	STATIC LEVEL	PUMPING LEVEL	DRAIN DOWN	DISCHARGE PRESSURE	GPM	START TIME
77'	22	23	1	20	100	035
	left set	25	3	18	132	

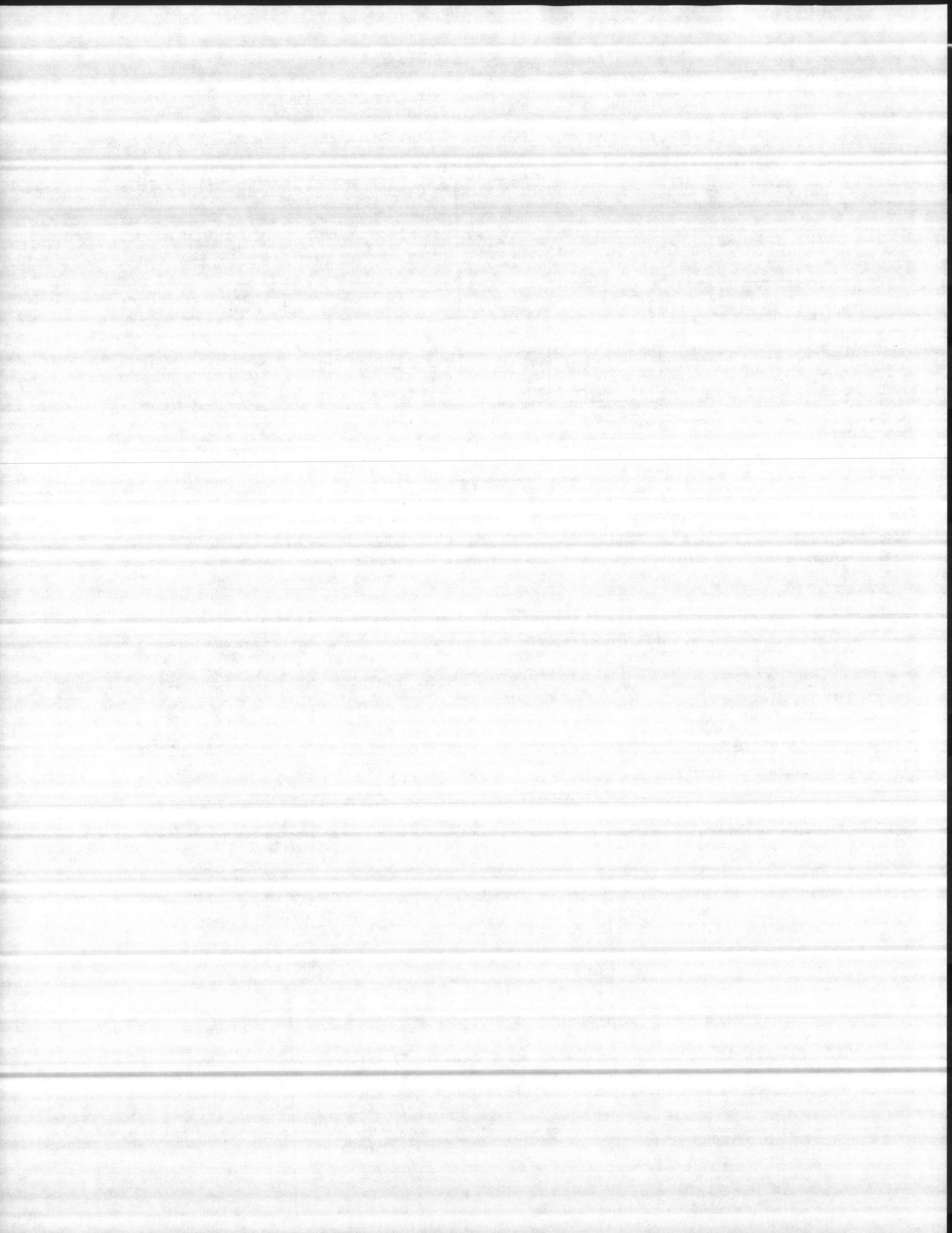


REMARKS Dead head 41 PSI - cleaned pump - installed new 1" shaft - new tail & strainer - stuffing box sleeved 1 3/16"

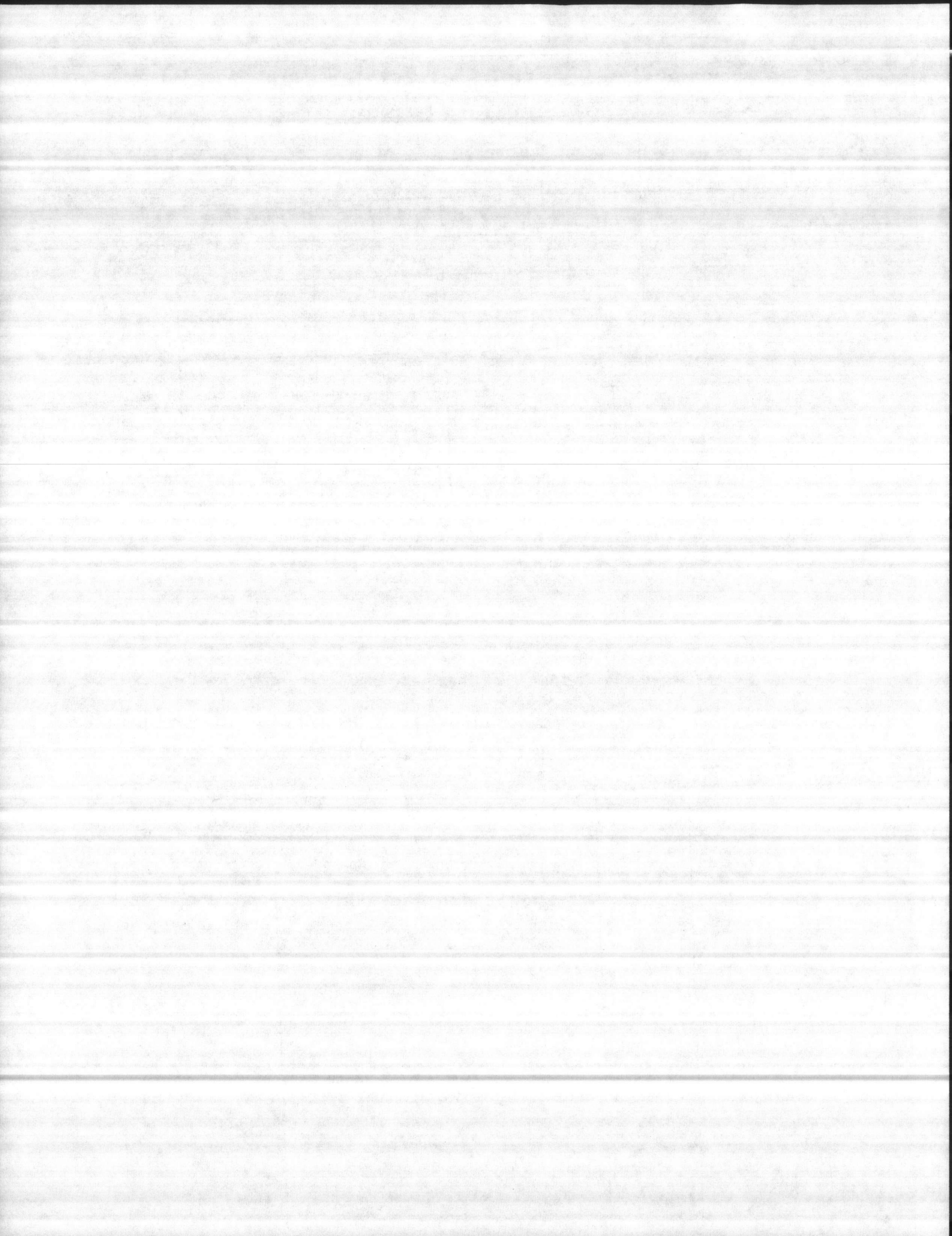
MANUFACTURER	STAGE	S.N.	TOTAL HEAD	SIZE



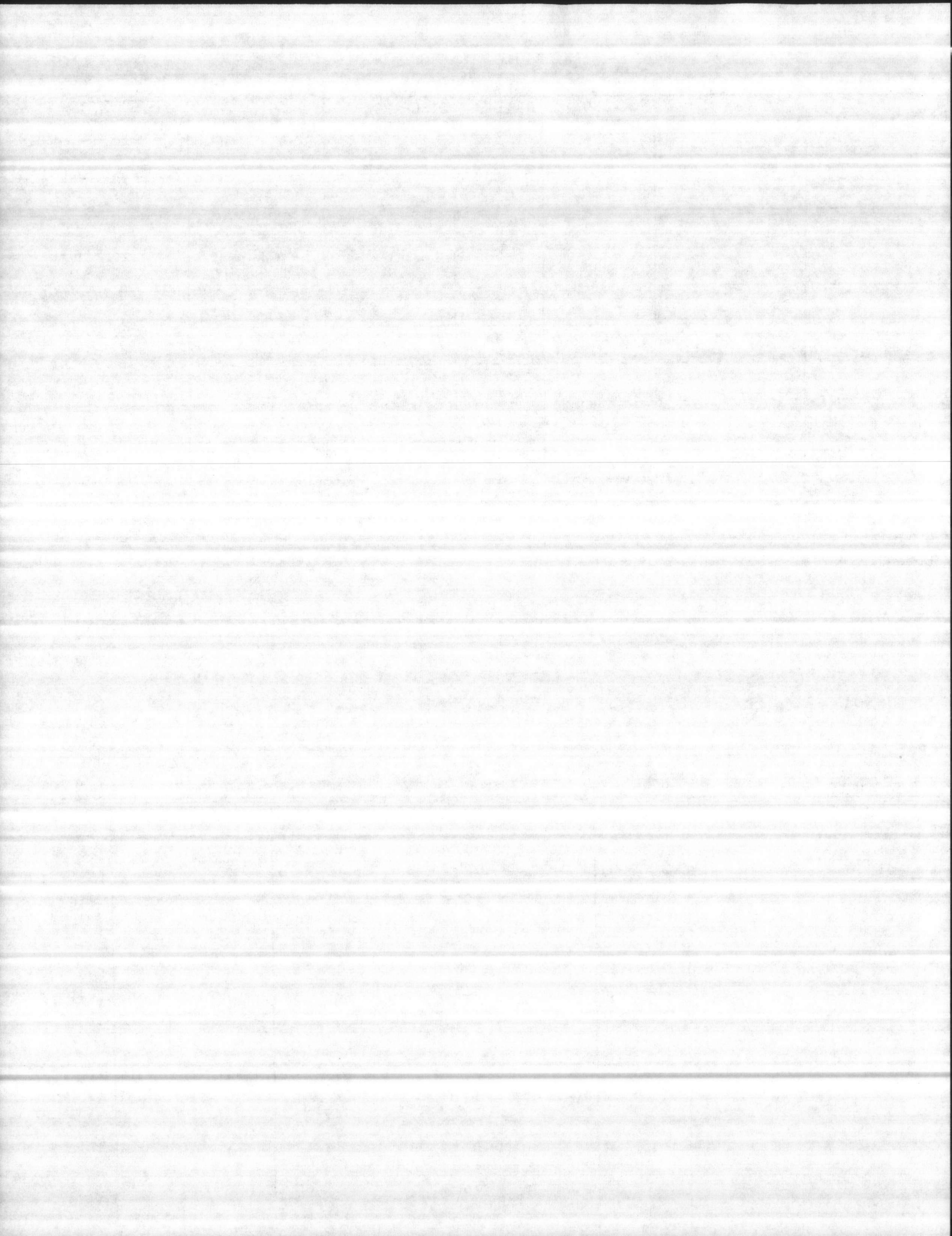














NORTH CAROLINA DEPARTMENT OF HUMAN RESOURCES  
 CHEMICAL ANALYSIS OF WATER  
 Division of Health Services, Laboratory  
 P. O. Box 28047, Raleigh, North Carolina 27611

CONTRACT N62470-73 C-1207  
 JACKSONVILLE, NORTH CAROLINA  
 SPEC. TAG. NO. 154.3.7  
 CONTRACT DWG. NO.  
 PEABODY INDUSTRIAL CO.  
 11 July, 1975

Name of Owner or Supply: CAMP LEJEUNE  
 Address: JACKSONVILLE, N.C.  
 Well No.: P  
 County: ONslow  
 Report to: WORTH F. PICKARD  
 Address: BOX 1085  
SANFORD, N. C. 27330  
 Collected by: RALPH W. HARRISON  
 Date Collected: 5/23/75 Time: 12:30 PM

Remarks:  
 Sample #1  
 189' - 204'

Type of Supply:  1-Municipal  2-Sanitary District  3-Mobile Home Park  4-Community  5-Industrial  6-Institution  7-Private  8-Other

Source of Water:  1-Ground  2-Surface  3-Both  4-Purchased

Source of Sample:  1-Well tap  2-House Tap  3-Distribution Tap

Type of Sample:  1-Raw  2-Treated

Type of Treatment:  0-None  1-Chlorinated  2-Fluoridated  3-Filtered  4-Alum  5-Lime  6-Soda Ash  7-Polyphosphate  8-Water Softener  9-Other

Analysis Desired:  
 1-Complete analysis (18 tests)  
 2-Partial analysis (9 tests)

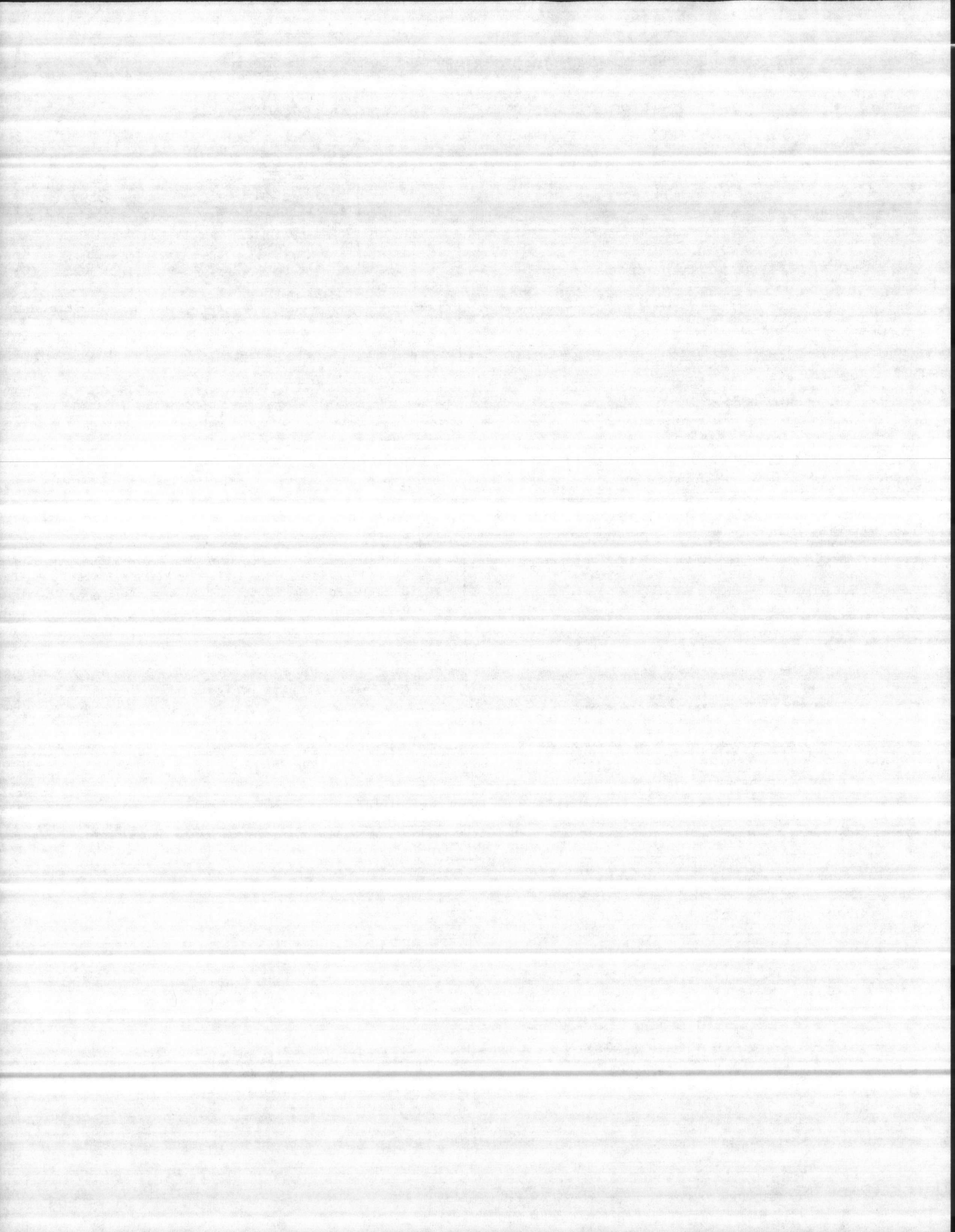
ANALYSIS

Color (000)	18	units	Ph (00.0)	8.4
-------------	----	-------	-----------	-----

Results in Parts per Million

Alkalinity CaCO <sub>3</sub> (000)	345	Fluoride (0.00)	1.29
Total Hardness (000)	46	Arsenic (*0.00)	< 0.01
Iron (*00.00)	< 0.05	Cadmium (*0.00)	< 0.01
Manganese (*00.00)	< 0.03	Chromium*6 (*0.00)	< 0.05
Turbidity SiO <sub>2</sub> (000)	0.65	Copper (*00.00)	< 0.05
Acidity CaCO <sub>3</sub> (000)	0	Lead (*0.00)	< 0.05
Chloride (000)	86	Zinc (*00.00)	< 0.05
Sodium (000)	195	Calcium	13.0
Potassium (00.0)	12.5	Magnesium	3.4

Date received June 6, 1975 Date reported June 11, 1975



1254

DATE

LENGTH  
OF  
AIR LINE

STATIC  
LEVEL

PUMPING  
LEVEL

DRAW  
DOWN

DISCHARGE  
PRESSURE

CAP. PER  
FOOT OF  
DRAW DOWN

*Time*  
TAKEN  
~~TIME~~

7-22-82

77'

24'

22'

3'

20

104

1300

REMARKS:

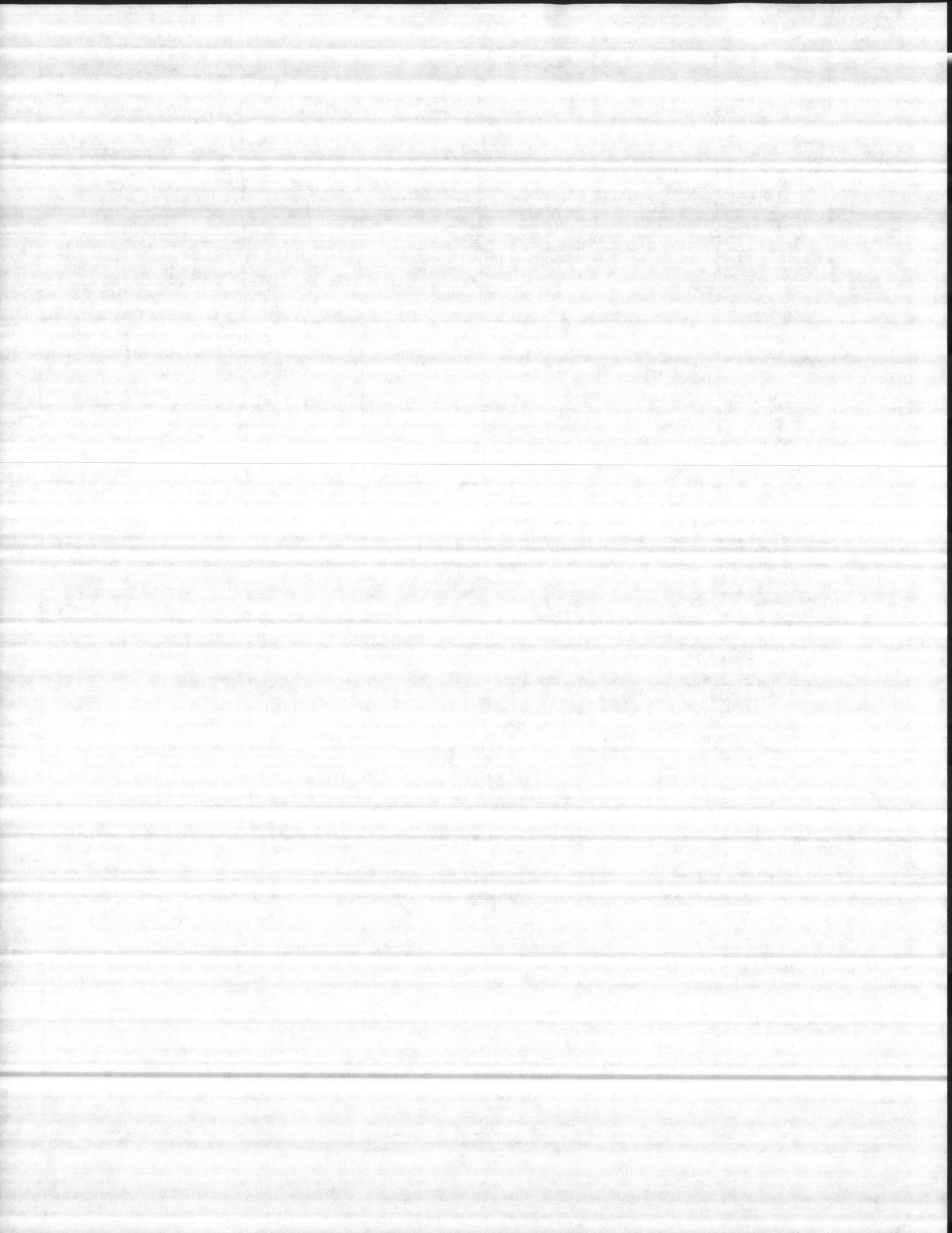
*used direct reading gage*

NO. OF

TESTS

PERFORMED

DATE

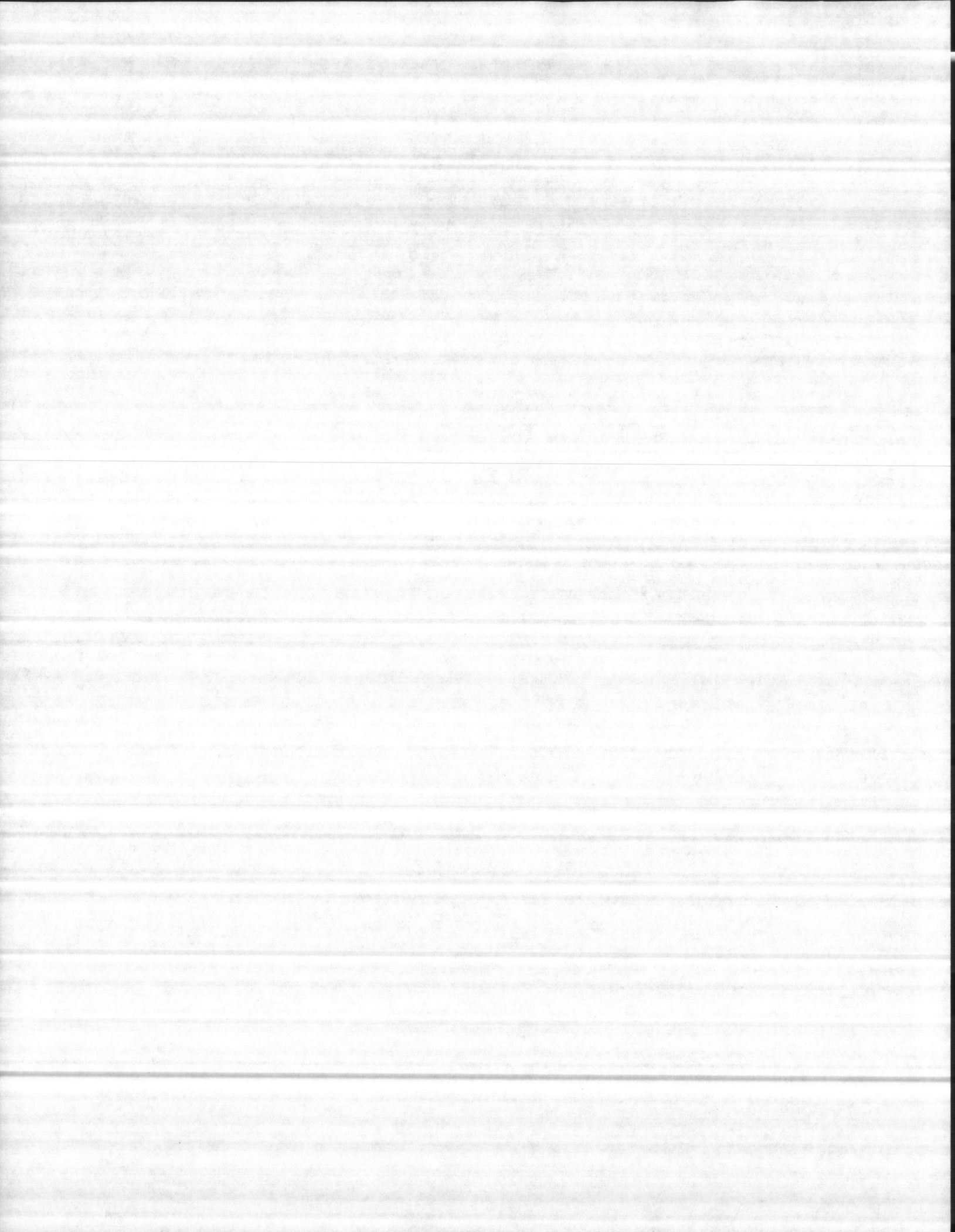


AS 1254

10-10-85

AL	SL	PL	DD	PSI	GPM	T <sub>1</sub>
77	26	32	6	28	104	15
		33	7	25	122	15
		33	7	22	133	15
		34	8	18	154	15

Left set on line press at 20



"P"

# CAROLINA WELL AND PUMP COMPANY, INC.

## Complete Well and Pump Service

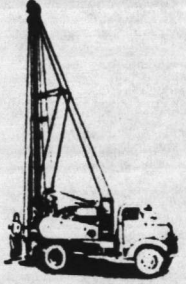
P. O. BOX 1085

TELEPHONE 776-3415

SANFORD, NORTH CAROLINA 27330



N.W.W.A.  
N.C.W.W.A.



July 9, 1975

Mr. Felix E. Acosta  
Peabody Peterson S. E. Inc.  
Post Office Drawer 7248  
Jacksonville, North Carolina 28540

Dear Mr. Acosta:

Our recommendations on Well P would be to set:

- 50' of 18" pit casing
- 5' of 8" screen 118' to 122'
- 15' of 8" screen 145' to 160'
- 10' of 8" screen 175' to 185'
- 10' of pipe below the screen

We feel like this well would produce 200 GPM of water.

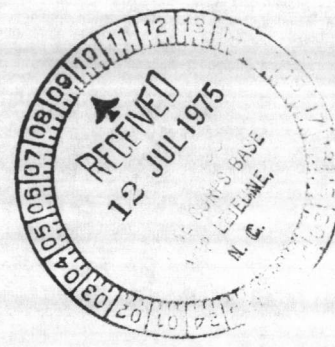
Very truly yours,

Carolina Well and Pump Company, Inc.

*Worth F. Pickard*

Worth F. Pickard  
WFP/cr

UTILITIES EXTENSION	
MARINE CORPS AIR STATION	
NEW RIVER	
CONTRACT NO. 1470-73-C-1155	
JACKSONVILLE, NORTH CAROLINA	
SPEC.	CONTRACT
PAR. NO. <u>154.3.7</u>	DWG. NO. _____
CK. & APP. BY <i>[Signature]</i>	DATE <u>11 July, 1975</u>
PEABODY-PETERSEN CO.	
Job No. 7409	



12 JUL 1975  
U.S. NAVY BASE  
LITTLETON, N.C.



NORTH CAROLINA DEPARTMENT OF HUMAN RESOURCES  
 CHEMICAL ANALYSIS OF WATER  
 Division of Health Services, Laboratory  
 P. O. Box 28047, Raleigh, North Carolina

EXPANSION  
 STATION  
 NEW R-27  
 CONTRACT NO. 62470-3-C-1155  
 JACKSONVILLE, NORTH CAROLINA

Complete all items above Heavy line  
 (see instructions on reverse side)

CONTRACT  
 DWG. NO. 154.3.7

APPROVED BY: *[Signature]* DATE: 11 July 1975

PEABODY-PETERSEN CO.  
 Job No. 7-1039

Type of Supplier:  
 1-Municipal  
 2-Sanitary District  
 3-Mobile home Park  
 4-Community  
 5-Non-Association  
 6-Institution  
 7-Private  
 8-Private  
 9-Other

Name of Owner or Supply: CAMP LEJEUNE

Address: JACKSONVILLE, N.C.

Well No.: \_\_\_\_\_ P

County: ONslow

Report to: WORTH F. PICKARD

Address: BOX 1085  
SANFORD, N. C. 27330

Collected by: RALPH W. HARRISON

Date Collected: 5/23/75 Time: 12:30 PM

Remarks:  
Sample #1  
189' - 204'

Source of Water:  
 1-Ground  
 2-Surface  
 3-Both  
 4-Purchased

Source of Sample:  
 1-Well tap  
 2-House Tap  
 3-Distribution Tap

Type of Sample:  
 1-Raw  
 2-Treated

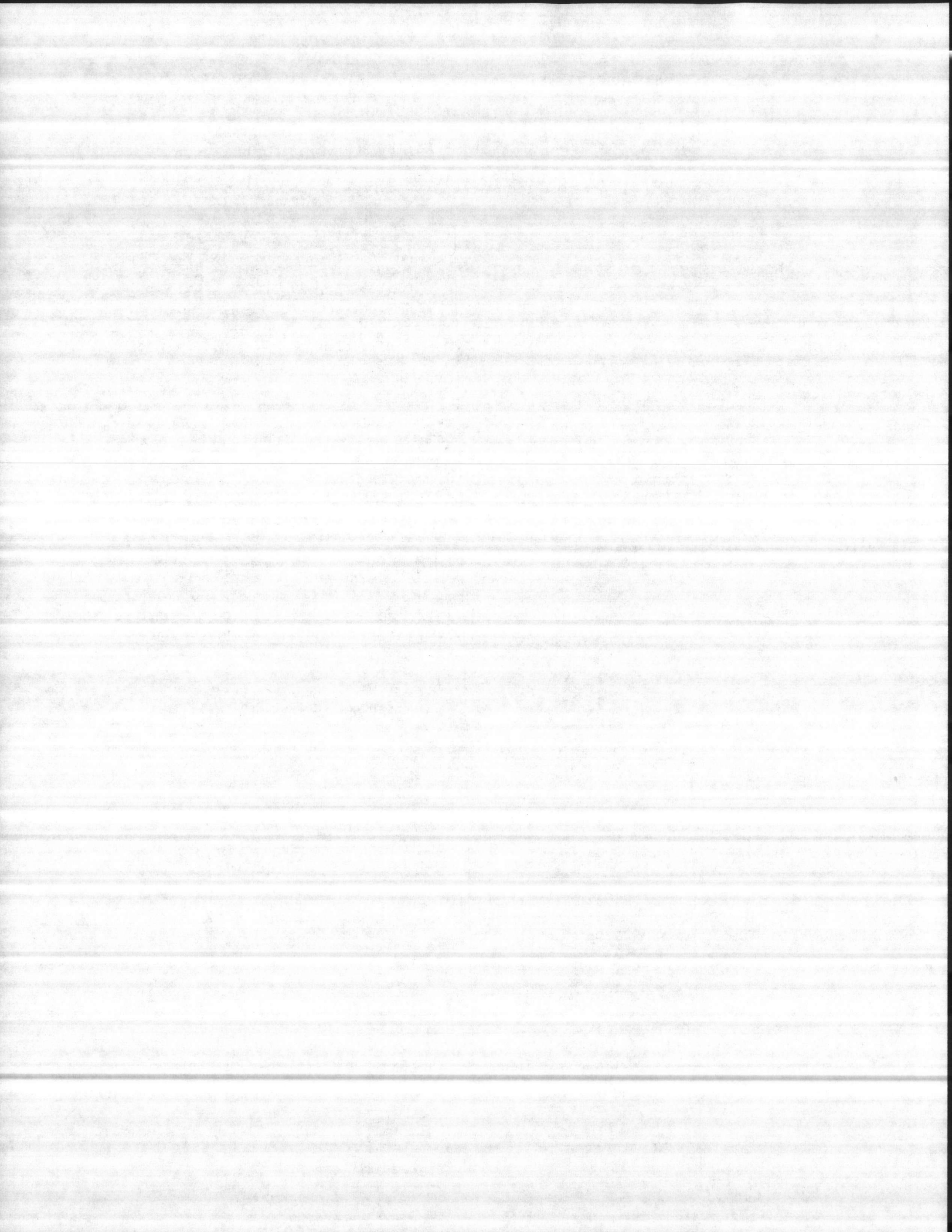
Type of Treatment:  
 0-None  
 1-Chlorinated  
 2-Fluoridated  
 3-Filtered  
 4-Alum  
 5-Lime  
 6-Soda Ash  
 7-Polyphosphate  
 8-Water Softener  
 9-Other

Analysis Desired:  
 1-Complete analysis (18 tests)  
 2-Partial analysis (9 tests)

ANALYSIS

Color (000)	18	units	Ph	(00.0)	8.4
Results in Parts per Million					
Alkalinity CaCO <sub>3</sub> (000)	345		Fluoride (0.00)	1.29	
Total Hardness (000)	46		Arsenic (*0.00)	< 0.01	
Iron (*00.00)	< 0.05		Cadmium (*0.00)	< 0.01	
Manganese (*00.00)	< 0.03		Chromium <sup>+6</sup> (*0.00)	< 0.05	
Turbidity SiO <sub>2</sub> (000)	0.65		Copper (*00.00)	< 0.05	
Acidity CaCO <sub>3</sub> (000)	0		Lead (*0.00)	< 0.05	
Chloride (000)	86		Zinc (*00.00)	< 0.05	
Sodium (000)	195		Calcium	13.0	
Potassium (00.0)	12.5		Magnesium	3.4	

Date received June 6, 1975 Date reported June 11, 1975



NORTH CAROLINA DEPARTMENT OF HUMAN RESOURCES  
 CHEMICAL ANALYSIS OF WATER  
 Division of Health Services, Laboratory Section  
 P. O. Box 28047, Raleigh, North Carolina 27611

UNIT EXPANSION  
 MARINE CORPS AIR STATION  
 NEW RIVER  
 CONTRACT N62470 3-C-1155  
 JACKSONVILLE, NORTH CAROLINA  
 27611  
 CONTRACT  
 PAR NO. 154.3.7 DWG. NO.  
 APP. BY *J. L. Smith* DATE 11 July, 1975

Complete all items above Heavy Line  
 (see instructions on reverse side)

Name of Owner or Supply: CAMP LEJUENE  
 Address: JACKSONVILLE, N. C.  
 Well No. P  
 County: ONslow  
 Report to: WORTH F. PICKARD  
 Address: BOX 1085  
SANFORD, N. C. 27330  
 Collected by: RALPH HARRISON  
 Date Collected: 5/28/75 Time: 1:00 PM  
 Remarks:  
 Sample #2 147' - 162'

Type of Supplier: BEADY PETERSON CO  
 1-Municipal  
 2-Sanitary District  
 3-Mobile Home Park  
 4-Community  
 5-Industrial  
 6-Commercial  
 7-Institution  
 8-Private  
 9-Other

Source of Water:  
 1-Ground  
 2-Surface  
 3-Both  
 4-Purchased

Source of Sample:  
 1-Well tap  
 2-House Tap  
 3-Distribution Tap

Type of Sample:  
 1-Raw  
 2-Treated

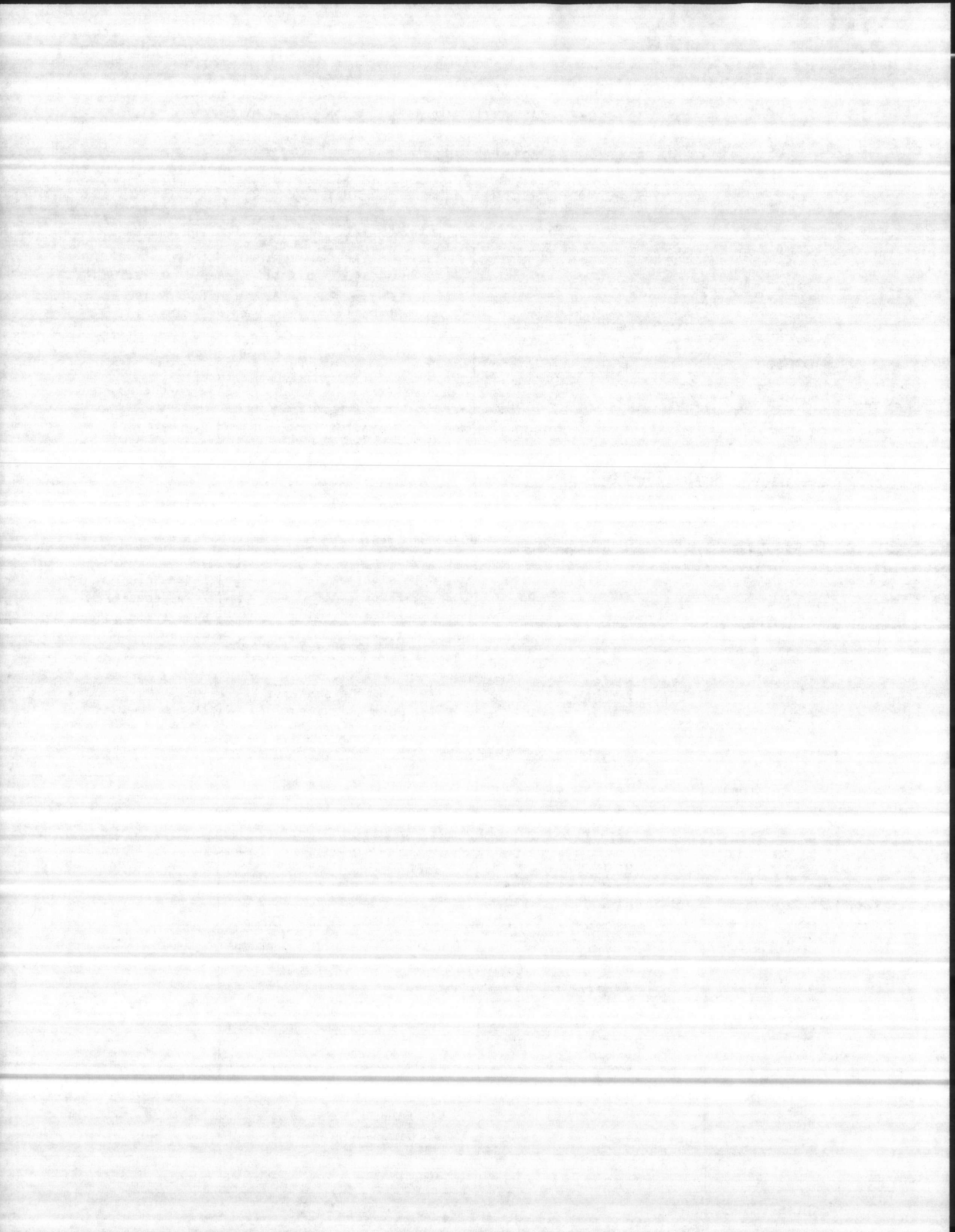
Type of Treatment:  
 0-None  
 1-Chlorinated  
 2-Fluoridated  
 3-Filtered  
 4-Alum  
 5-Lime  
 6-Soda Ash  
 7-Polyphosphate  
 8-Water Softener  
 9-Other

Analysis Desired:  
 1-Complete analysis (18 tests)  
 2-Partial analysis (9 tests)

**ANALYSIS**

Color (000)	15 units	Ph (00.0)	8.2
Results in Parts per Million			
Alkalinity CaCO <sub>3</sub> (000)	320	Fluoride (0.00)	1.26
Total Hardness (000)	61	Arsenic (*0.00)	< 0.01
Iron (*00.00)	< 0.05	Cadmium (*0.00)	< 0.01
Manganese (*00.00)	< 0.03	Chromium <sup>-6</sup> (*0.00)	< 0.05
Turbidity SiO <sub>2</sub> (000)	0.75	Copper (*00.00)	< 0.05
Acidity CaCO <sub>3</sub> (000)	2	Lead (*0.00)	< 0.05
Chloride (000)	77	Zinc (*00.00)	< 0.05
Sodium (000)	175	Calcium	17.8
Potassium (00.0)	11.5	Magnesium	4.1

Date received: June 6, 1975 Date reported: June 11, 1975



NORTH CAROLINA DEPARTMENT OF HUMAN RESOURCES  
 CHEMICAL ANALYSIS OF WATER  
 Division of Health Services, Laboratory  
 P. O. Box 28047, Raleigh, North Carolina 27611

EXPANSION  
 RPS 11131101  
 NEW RIVER  
 CONTRACT N62173-1154  
 JACKSONVILLE, NORTH CAROLINA  
 CONTRACT DWG. NO. 1514.3.7  
 DATE 11 July, 1975  
 APP. BY J. B. [Signature]  
 PEABODY FIELDERSEN CO.  
 JOB NO. 7409

Complete all items above Heavy  
 (see instructions on reverse side)

Name of Owner or Supply: CAMP LEJEUNE  
 Address: JACKSONVILLE, N. C.  
 Well No. P  
 County: ONSLAW  
 Report to: WORTH F. PICKARD  
 Address: BOX 1085  
SANFORD, N. C. 27330  
 Collected by: RALPH HARRISON  
 Date Collected: 5/29/75 Time: 11:00 AM  
 Remarks: Sample #3, 105' - 120'

Type of Supply:  1-Municipal  2-Sanitary District  3-Mobile Home Park  4-Community  5-Association  6-Industrial  7-Institution  8-Private  9-Other

Source of Water:  1-Ground  2-Surface  3-Both  4-Purchased

Source of Sample:  1-Well tap  2-House Tap  3-Distribution Tap

Type of Sample:  1-Raw  2-Treated

Type of Treatment:  0-None  1-Chlorinated  2-Fluoridated  3-Filtered  4-Alum  5-Lime  6-Soda Ash  7-Polyphosphate  8-Water Softener  9-Other

Analysis Desired:  1-Complete analysis (18 tests)  2-Partial analysis (9 tests)

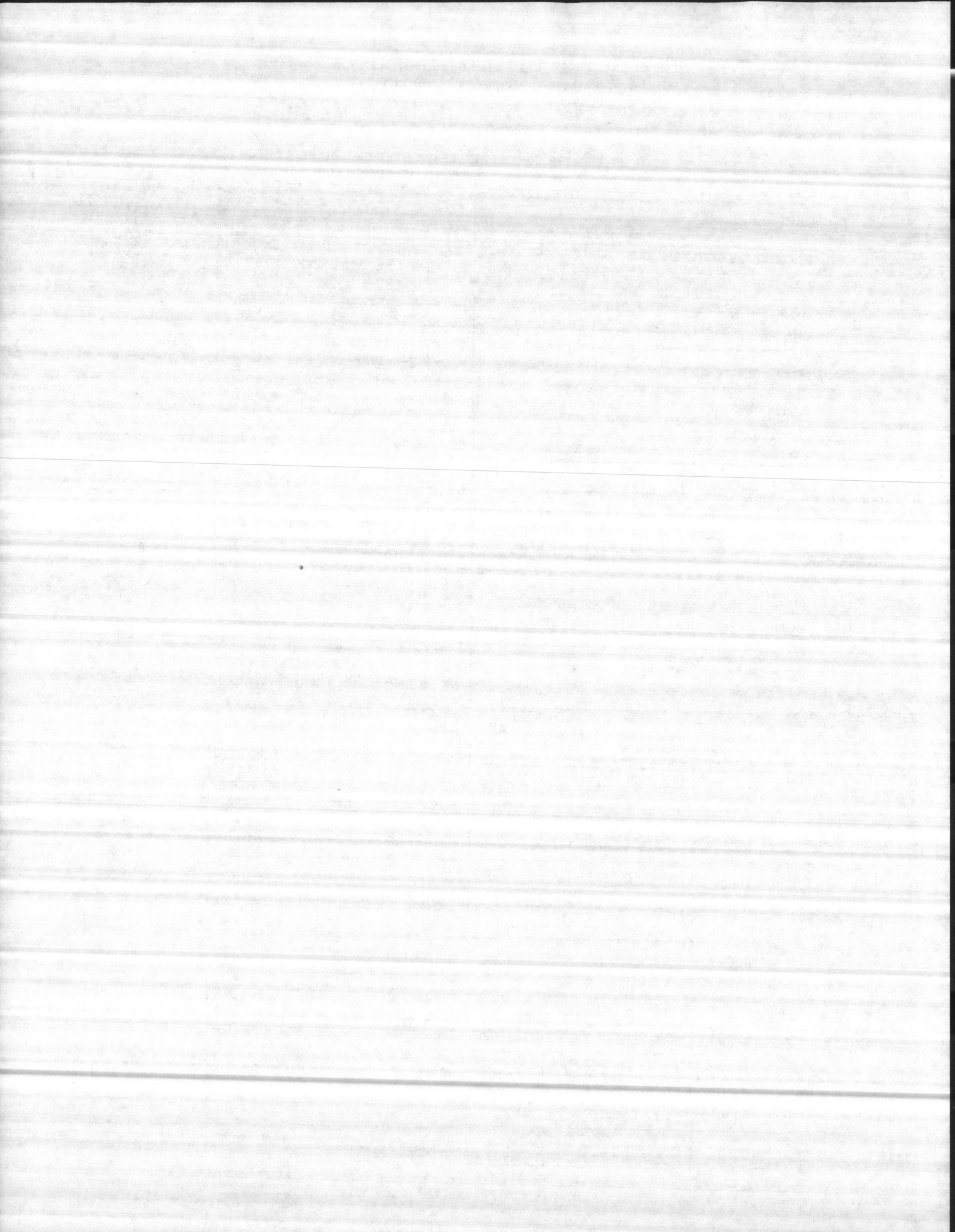
ANALYSIS

Color (000)	18	units	Ph (00.0)	8.4
-------------	----	-------	-----------	-----

Results in Parts per Million

Alkalinity CaCO <sub>3</sub> (000)	280	Fluoride (0.00)	1.19
Total Hardness (000)	64	Arsenic (*0.00)	< 0.01
Iron (*00.00)	< 0.05	Cadmium (*0.00)	< 0.01
Manganese (*00.00)	< 0.03	Chromium <sup>6</sup> (*0.00)	< 0.05
Turbidity SiO <sub>2</sub> (000)	1.5	Copper (*00.00)	< 0.05
Acidity CaCO <sub>3</sub> (000)	0	Lead (*0.00)	< 0.05
Chloride (000)	72	Zinc (*00.00)	0.15
Sodium (000)	140	Calcium	19.5
Potassium (00.0)	14.0	Magnesium	3.7

Date received June 6, 1975 Date reported June 11, 1975 Lab. No. 08541



NORTH CAROLINA DEPARTMENT OF HUMAN RESOURCES  
 CHEMICAL ANALYSIS OF WATER  
 Division of Health Services, Laboratory Section  
 P. O. Box 28047, Raleigh, North Carolina 27611

UTILITY'S EXPANSION  
 RESOURCES CORPS ASSOCIATION  
 NEW RIVER  
 CONTRACT N624 073-2-1975  
 JACKSONVILLE, NORTH CAROLINA 27511

CONTRACT  
 DWG. NO. \_\_\_\_\_

SPEC. LINE NO. 15H.37

DATE 11 July 1975

Name of Owner or Supply: CAMP LEJEUNE

Address: JACKSONVILLE, N. C.

Well No. P

County: ONslow

Report to: WORTH F. PICKARD

Address: BOX 1085  
SANFORD, N. C. 27330

Collected by: RALPH HARRISON

Date Collected: 5/30/75 Time: 10:00 AM

Remarks: Sample #4  
42' - 57'

Type of Supply:  1-Municipal  2-Sanitary District  3-Mobile Home Park  4-Community  5-Association  6-Private  7-Other

Source of Water:  1-Ground  2-Surface  3-Both  4-Purchased

Source of Sample:  1-Well tap  2-House Tap  3-Distribution Tap

Type of Sample:  1-Raw  2-Treated

Type of Treatment:  0-None  1-Chlorinated  2-Fluoridated  3-Filtered  4-Alum  5-Lime  6-Soda Ash  7-Polyphosphate  8-Water Softener  9-Other

Analysis Desired:  1-Complete analysis (18 tests)  2-Partial analysis (9 tests)

**ANALYSIS**

Color (000)	8 units	Ph (00.0)	8.1
Results in Parts per Million			
Alkalinity CaCO <sub>3</sub> (000)	225	Fluoride (0.00)	0.16
Total Hardness (000)	221	Arsenic (0.00)	< 0.01
Iron (00.00)	< 0.05	Cadmium (0.00)	< 0.01
Manganese (00.00)	0.05	Chromium <sup>+6</sup> (0.00)	< 0.05
Turbidity SiO <sub>2</sub> (000)	0.5	Copper (00.00)	< 0.05
Acidity CaCO <sub>3</sub> (000)	2	Lead (0.00)	< 0.05
Chloride (000)	11	Zinc (00.00)	< 0.05
Sodium (000)	7	Calcium	85.0
Potassium (00.0)	1.4	Magnesium	2.0

June 6, 1975

June 11, 1975





# Peabody Petersen

Peabody Petersen Co.  
 1930 Silver Star Road. | P. O. Box 7934  
 Orlando, Florida 32804 | Telephone 305 299-3020

To LCDR K.W. MEEKS  
Building 1005  
MARINE CORPS BASE  
CAMP LEJEUNE, N.C. 28542

Gentlemen:  
 We are sending You

- |   |   |
|---|---|
| <input checked="" type="checkbox"/> Attached      | <input type="checkbox"/> Under separate cover via _____ the following items:  |
| <input checked="" type="checkbox"/> Shop drawings | <input type="checkbox"/> Prints <input type="checkbox"/> Plans <input type="checkbox"/> Samples <input type="checkbox"/> Specifications |
| <input type="checkbox"/> Copy of letter           | <input type="checkbox"/> Change order <input type="checkbox"/> _____  |

## LETTER OF TRANSMITTAL

Date	11 JULY, 1975 Gal. Ed.
Customer Order No.	N62470-73-C-1155
Attention	OICC
Re:	UTILITIES EXPANSION MCAS (H) NEW RIVER JACKSONVILLE, N.C.
Copies Mailed To:	HOME OFFICE; OPERATION <u>FIELD</u> CCCR

COPIES	DATE	NUMBER	DESCRIPTION
3	11 July, 1975	97	APPROVED DATA FOR WELL 'P', ELECTRIC LOG, WATER ANALYSIS; WELL RECOMMENDATIONS.

Remarks:

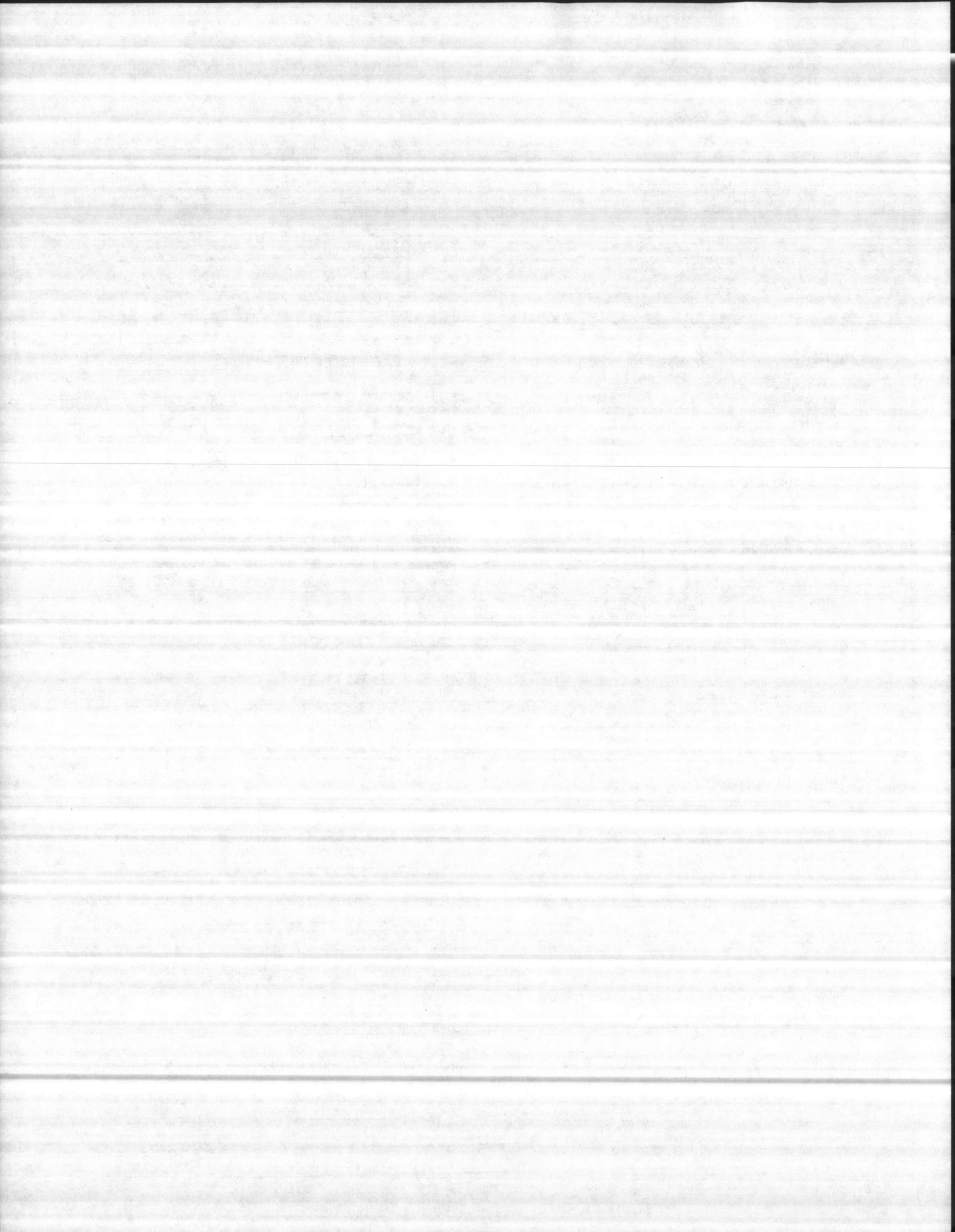
2553 LAWTON PRINTERS Orlando Distributors

⓪ FOR YOUR INFORMATION.

Copy To: \_\_\_\_\_

Signed: \_\_\_\_\_

If enclosures are not as noted, kindly notify us at once.





N.W.W.A.  
N.C.W.W.A.

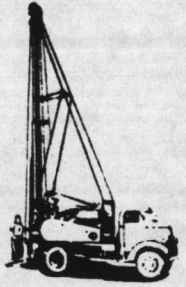
# CAROLINA WELL AND PUMP COMPANY, INC.

*Complete Well and Pump Service*

P. O. BOX 1085

TELEPHONE 776-3415

SANFORD, NORTH CAROLINA 27330



July 9, 1975

Mr. Felix E. Acosta  
Peabody Peterson S. E. Inc.  
Post Office Drawer 7248  
Jacksonville, North Carolina 28540

Dear Mr. Acosta:

Our recommendations on Well P would be to set:

50' of 18" pit casing  
5' of 8" screen 118' to 122'  
15' of 8" screen 145' to 160'  
10' of 8" screen 175' to 185'  
10' of pipe below the screen

We feel like this well would produce 200 GPM of water.

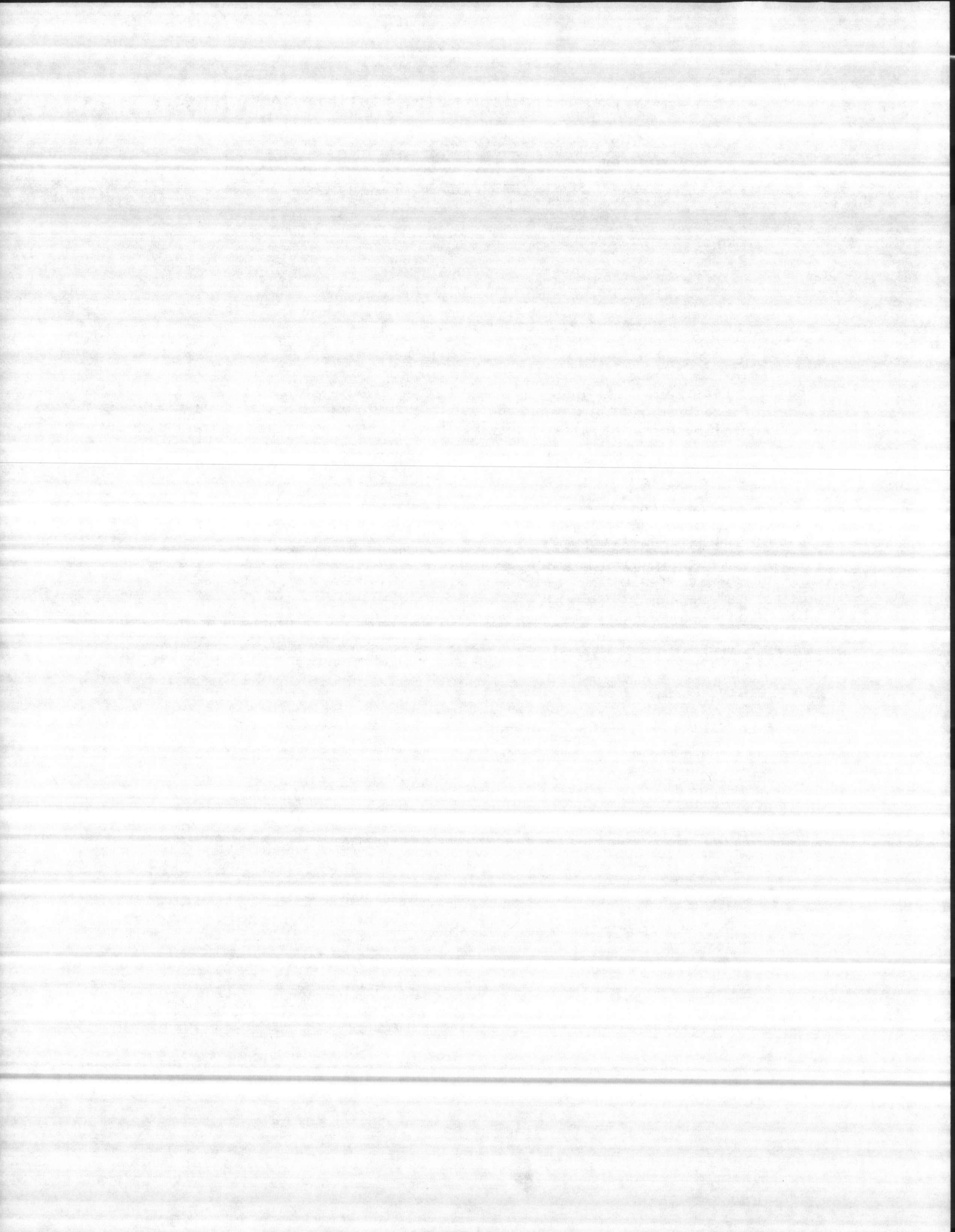
Very truly yours,

Carolina Well and Pump Company, Inc.

*Worth F. Pickard*

Worth F. Pickard  
WFP/cr

UTILITIES EXPANSION	
MARINE CORPS AIR STATION	
NEW RIVER	
CONTRACT NS2470 73 C-1155	
JACKSONVILLE, NORTH CAROLINA	
SPEC.	CONTRACT
PAR. NO. <u>1543.7</u>	DWG. NO. _____
CK. & APP. BY <i>[Signature]</i>	DATE <u>11 July 1975</u>
PEABODY-PETERSEN CO.	
Job No. 7409	



NORTH CAROLINA DEPARTMENT OF HUMAN RESOURCES  
 CHEMICAL ANALYSIS OF WATER  
 Division of Health Services, Laboratory Section  
 P. O. Box 28047, Raleigh, North Carol

WATER EXTENSION  
 CONTRACT STATION  
 NEW RIVER  
 CONTRACT NO. 73-1153  
 JACKSONVILLE, NORTH CAROLINA  
 SECTION  
 SPEC: 276+H.3.7 CONTRACT  
 PAR. NO. 15+H.3.7 DWG. NO.  
 CK. & APP. BY: *[Signature]* DATE: 11 July 1975

Complete all items above Heavy Line  
 (see instructions on reverse side)

Name of Owner or Supply: CAMP LEJUENE  
 Address: JACKSONVILLE, N. C.  
 Well No.      P       
 County: ONSLow  
 Report to: WORTH F. PICKARD  
 Address: BOX 1085  
SANFORD, N. C. 27330  
 Collected by: RALPH HARRISON  
 Date Collected: 5/28/75 Time: 1:00 PM  
 Remarks:  
Sample #2 147' - 162'

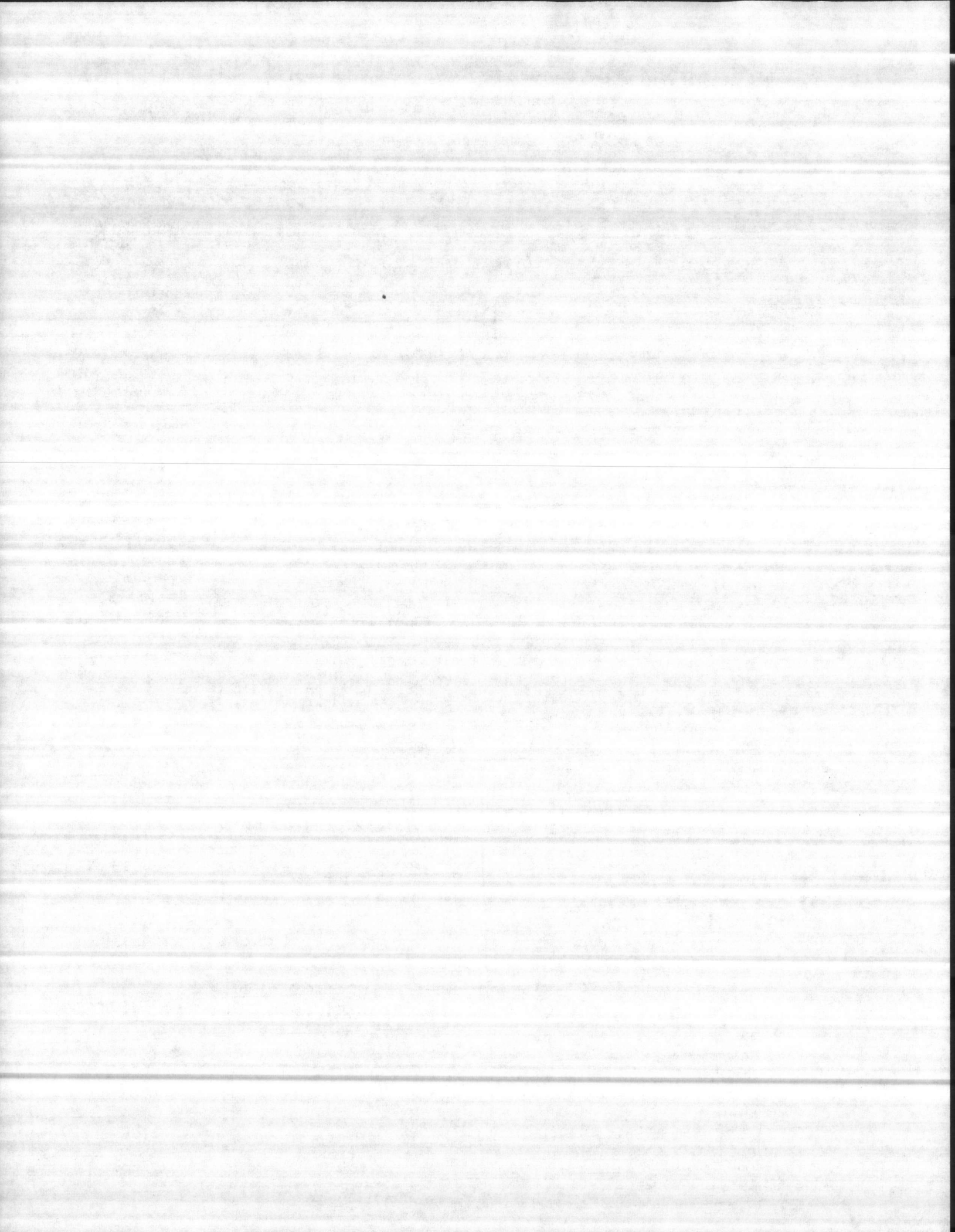
Type of Supplier: PEABODY PETERSEN CO.  
 Job No. 7409  
 1-Municipal  
 2-Sanitary District  
 3-Mobile Home Park  
 4-Community  
 5-Industrial  
 6-Commercial  
 7-Institution  
 8-Private  
 9-Other  
 Source of Water:  
 1-Ground  
 2-Surface  
 3-Both  
 4-Purchased  
 Source of Sample:  
 1-Well tap  
 2-House Tap  
 3-Distribution Tap  
 Type of Sample:  
 1-Raw  
 2-Treated  
 Type of Treatment:  
 0-None  
 1-Chlorinated  
 2-Fluoridated  
 3-Filtered  
 4-Alum  
 5-Lime  
 6-Soda Ash  
 7-Polyphosphate  
 8-Water Softener  
 9-Other

Analysis Desired:  
 1-Complete analysis (18 tests)  
 2-Partial analysis (9 tests)

ANALYSIS

Color (000)	15	units	Ph	(00.0)	8.2
Results in Parts per Million					
Alkalinity CaCO <sub>3</sub> (000)	320	Fluoride (0.00)	1.26		
Total Hardness (000)	61	Arsenic (*0.00)	< 0.01		
Iron (*00.00)	< 0.05	Cadmium (*0.00)	< 0.01		
Manganese (*00.00)	< 0.03	Chromium <sup>-6</sup> (*0.00)	< 0.05		
Turbidity SiO <sub>2</sub> (000)	0.75	Copper (*00.00)	< 0.05		
Hardness CaCO <sub>3</sub> (000)	2	Lead (*0.00)	< 0.05		
Chloride (000)	77	Zinc (*00.00)	< 0.05		
Sulfide (000)	175	Calcium	17.8		
Potassium (00.0)	11.5	Magnesium	4.1		

Received: June 6, 1975 Date reported: June 11, 1975



NORTH CAROLINA DEPARTMENT OF HUMAN RESOURCES  
 CHEMICAL ANALYSIS OF WATER  
 Division of Health Services, Laboratory Section  
 P. O. Box 28047, Raleigh, North Carolina 27611

CONTRACT NO. 16  
 JACKSONVILLE  
 PAR. NO. 1543.1  
 CONTRACT DWG. NO.  
 DATE 11 July 1975  
 APP. BY [Signature]

Complete all items above Heavy Line  
 (see instructions on reverse side)

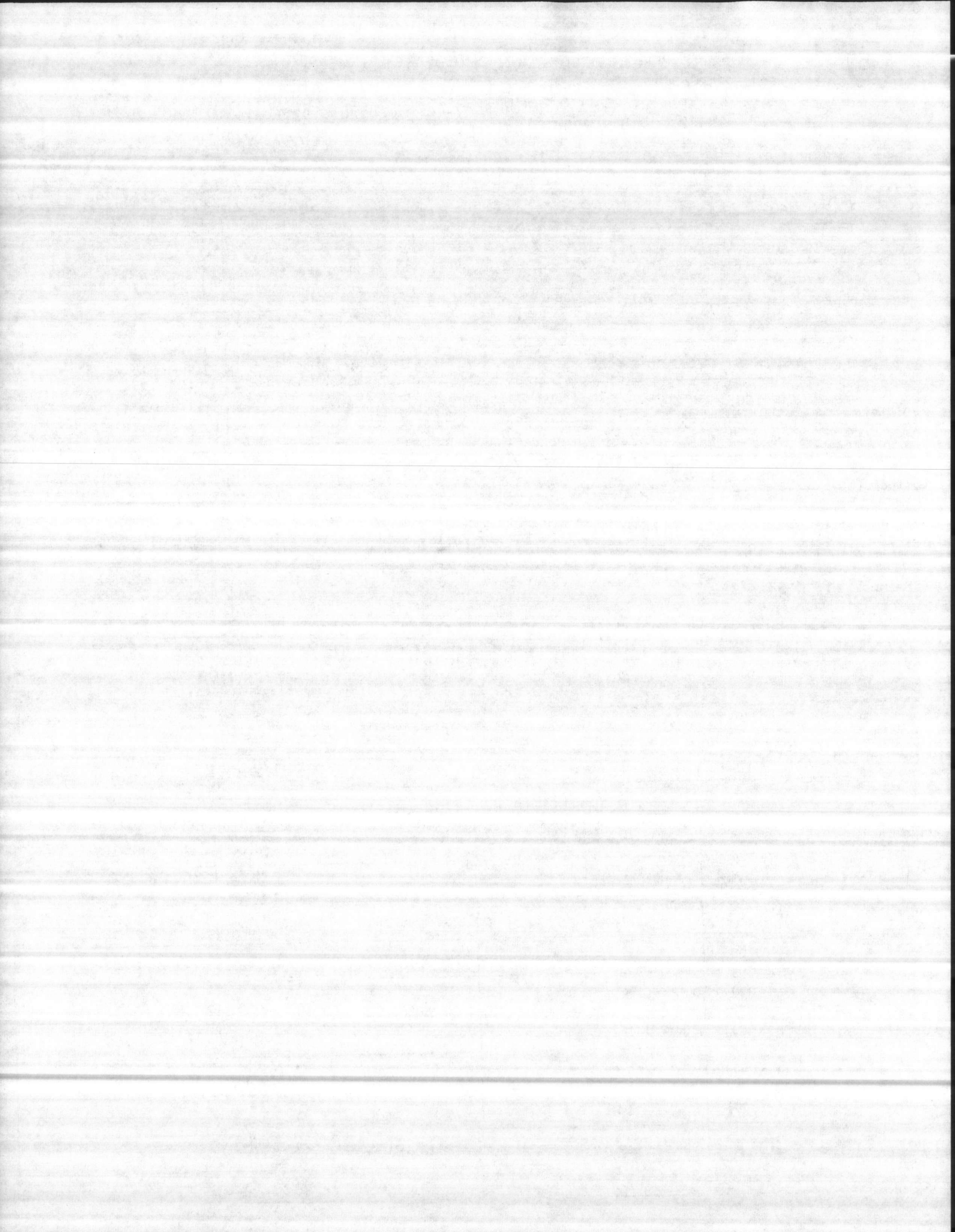
Name of Owner or Supply: CAMP LEJEUNE  
 Address: JACKSONVILLE, N. C.  
 Well No. P  
 County: ONSLAW  
 Report to: WORTH F. PICKARD  
 Address: BOX 1085  
SANFORD, N. C. 27330  
 Collected by: RALPH HARRISON  
 Date Collected: 5/29/75 Time: 11:00 AM  
 Remarks:  
Sample #3, 105' - 120'

Type of Supply: PEABODY PETERSON CO.  
 1-Municipal Job No. 74100  
 2-Sanitary District  
 3-Mobile Home Park  
 4-Community  
 7-Institution  
 8-Private  
 9-Other  
 Source of Water:  
 1-Ground  
 2-Surface  
 3-Both  
 4-Purchased  
 Source of Sample:  
 1-Well tap  
 2-House Tap  
 3-Distribution Tap  
 Type of Sample:  
 1-Raw  
 2-Treated  
 Type of Treatment:  
 0-None  
 1-Chlorinated  
 2-Fluoridated  
 3-Filtered  
 4-Alum  
 5-Lime  
 6-Soda Ash  
 7-Polyphosphate  
 8-Water Softener  
 9-Other  
 Analysis Desired:  
 1-Complete analysis (18 tests)  
 2-Partial analysis (9 tests)

ANALYSIS

Color (000)	18	units	Ph (00.0)	8.4
Results in Parts per Million				
Alkalinity CaCO <sub>3</sub> (000)	280	Fluoride (0.00)	1.19	
Total Hardness (000)	64	Arsenic (*0.00)	< 0.01	
Iron (*00.00)	< 0.05	Cadmium (*0.00)	< 0.01	
Manganese (*00.00)	< 0.03	Chromium <sup>6</sup> (*0.00)	< 0.05	
Turbidity SiO <sub>2</sub> (000)	1.5	Copper (*00.00)	< 0.05	
Acidity CaCO <sub>3</sub> (000)	0	Lead (*0.00)	< 0.05	
Chloride (000)	72	Zinc (*00.00)	0.15	
Sodium (000)	140	Calcium	19.5	
Potassium (00.0)	14.0	Magnesium	3.7	

Date received June 6, 1975 Date reported June 11, 1975  
 Lab. No. 08541





M...  
CONTRACT  
JACKSONVILLE, N.C.

NORTH CAROLINA DEPARTMENT OF HUMAN RESOURCES  
CHEMICAL ANALYSIS OF WATER  
Division of Health Services, Laboratory Section  
P. O. Box 28047, Raleigh, North Carolina

Complete all items above Heavy Line  
(see instructions on reverse side)

CONTRACT 276317  
DWG. NO. \_\_\_\_\_  
DATE 11 July, 1975  
F. Ober...

Name of Owner or Supply: CAMP LEJEUNE  
Address: JACKSONVILLE, N. C.  
Well No. P  
County: ONslow  
Report to: WORTH F. PICKARD  
Address: BOX 1085  
SANFORD, N. C. 27330  
Collected by: RALPH HARRISON  
Date Collected: 5/30/75 Time: 10:00 AM  
Remarks: Sample #4  
42' - 57'

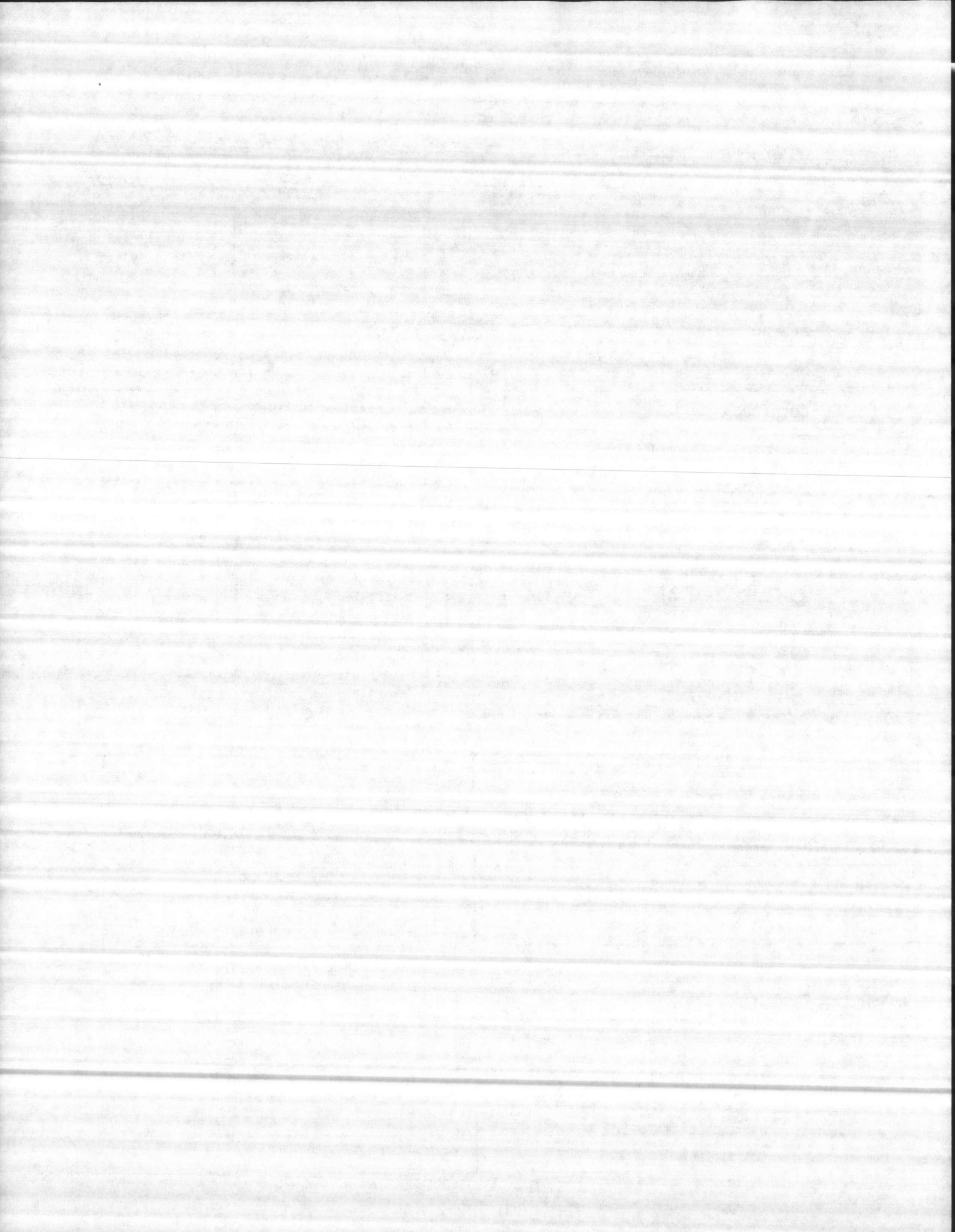
- Type of Supplier: FEABOTY
- 1-Municipal
  - 2-Sanitary District
  - 3-Mobile Home Park
  - 4-Community
  - 5-Association
  - 6-Industrial
  - 7-Institution
  - 8-Private
  - 9-Other
- Source of Water:
- 1-Ground
  - 2-Surface
  - 3-Both
  - 4-Purchased
- Source of Sample:
- 1-Well tap
  - 2-House Tap
  - 3-Distribution Tap
- Type of Sample:
- 1-Raw
  - 2-Treated
- Type of Treatment:
- 0-None
  - 1-Chlorinated
  - 2-Fluoridated
  - 3-Filtered
  - 4-Alum
  - 5-Lime
  - 6-Soda Ash
  - 7-Polyphosphate
  - 8-Water Softener
  - 9-Other

- Analysis Desired:
- 1-Complete analysis (18 tests)
  - 2-Partial analysis (9 tests)

**ANALYSIS**

Color	(000)	8	units	Ph	(00.0)	8.1
Results in Parts per Million						
Alkalinity CaCO <sub>3</sub>	(000)	225		Fluoride	(0.00)	0.16
Total Hardness	(000)	221		Arsenic	(*0.00)	< 0.01
Iron	(*00.00)	< 0.05		Cadmium	(*0.00)	< 0.01
Manganese	(*00.00)	0.05		Chromium <sup>+6</sup>	(*0.00)	< 0.05
Turbidity SiO <sub>2</sub>	(000)	0.5		Copper	(*00.00)	< 0.05
Acidity CaCO <sub>3</sub>	(000)	2		Lead	(*0.00)	< 0.05
Chloride	(000)	11		Zinc	(*00.00)	< 0.05
Sodium	(000)	7		Calcium		85.0
Potassium	(00.0)	1.4		Magnesium		2.0

Date received: June 6, 1975 Date reported: June 11, 1975  
Lab No. 08540



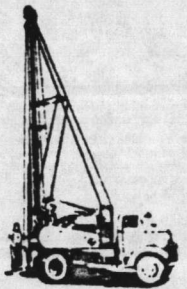
# CAROLINA WELL AND PUMP COMPANY, INC.

*Complete Well and Pump Service*

P. O. BOX 1085

TELEPHONE 776-3415

SANFORD, NORTH CAROLINA 27330



N.W.W.A.  
N.C.W.W.A.

APPROVED  
SUBJECT TO REQUIREMENTS OF  
SPECIFICATIONS  
J. K. TIMMONS & ASSOCIATES  
CONSULTING ENGINEERS

July 9, 1975

Mr. Felix E. Acosta  
Peabody Peterson S. E. Inc.  
Post Office Drawer 7248  
Jacksonville, North Carolina 28540

*MZE*  
DATE: 1 Aug 25

Dear Mr. Acosta:

Our recommendations on Well P would be to set:

- 50' of 18" pit casing
- 5' of 8" screen 118' to 122'
- 15' of 8" screen 145' to 160'
- 10' of 8" screen 175' to 185'
- 10' of pipe below the screen

*MCAS  
1254*

We feel like this well would produce 200 GPM of water.

Very truly yours,

Carolina Well and Pump Company, Inc.

*Worth F. Pickard*

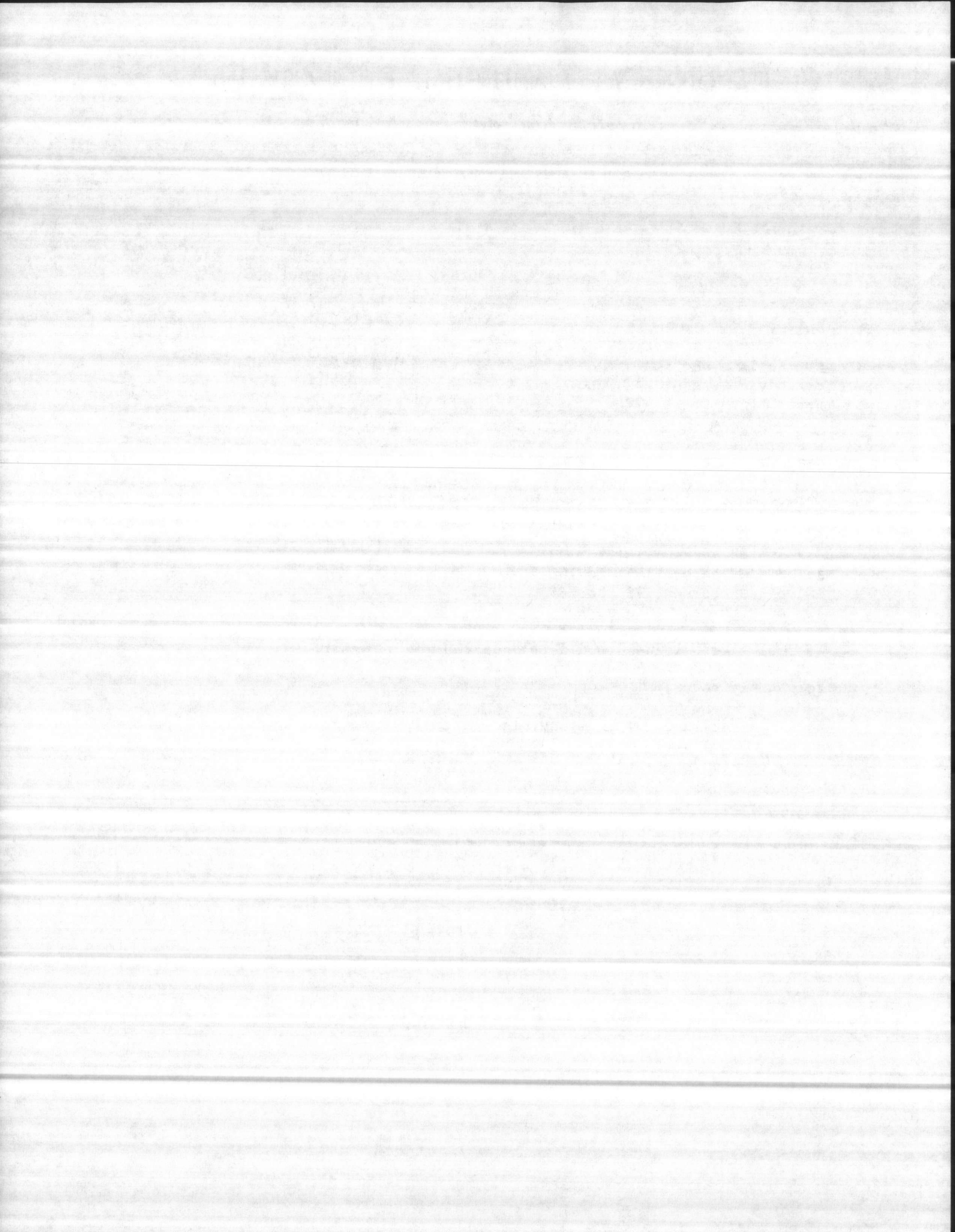
Worth F. Pickard  
WFP/cr

UTILITIES DIVISION  
MARINE CORPS AIR STATION  
NEW RIVER  
CONTRACT NO. 30-1135  
JACKSONVILLE, NORTH CAROLINA

SPEC. \_\_\_\_\_ CONTRACT \_\_\_\_\_  
PAR. NO. 154.3.7 DWS. NO. \_\_\_\_\_

CK. & APP. BY [Signature] DATE 11 July, 1975

PEABODY-PETERSEN CO.  
Job No. 7409



NORTH CAROLINA DEPARTMENT OF HUMAN RESOURCES  
 CHEMICAL ANALYSIS OF WATER  
 Division of Health Services, Laboratory Section  
 P. O. Box 28047, Raleigh, North Carolina 27611

WATER EXPANSION  
 WPS 11000000  
 NEW RIVER  
 CONTRACT NO. 621030-1157  
 JASPER, NORTH CAROLINA

Complete all items above Heavy Line  
 (see instructions on reverse side)

Name of Owner: CAMP LEJEUNE  
 Address: JACKSONVILLE, N.C.  
 Well No.: P  
 County: ONslow  
 Report to: WORTH F. PICKARD  
 Address: BOX 1085  
SANFORD, N. C. 27330  
 Collected by: RALPH W. HARRISON  
 Date Collected: 5/23/75 Time: 12:30 PM  
 Remarks: Sample #1  
189' - 204'

Type of Supply: 1-5  
 1-Municipal  
 2-Sanitary District  
 3-Mobile Home Park  
 4-Community  
 5-Assembly  
 6-Industrial  
 7-Institution  
 8-Private  
 9-Other

Source of Water:  
 1-Ground  
 2-Surface  
 3-Both  
 4-Purchased

Source of Sample:  
 1-Well tap  
 2-House Tap  
 3-Distribution Tap  
 4-Other

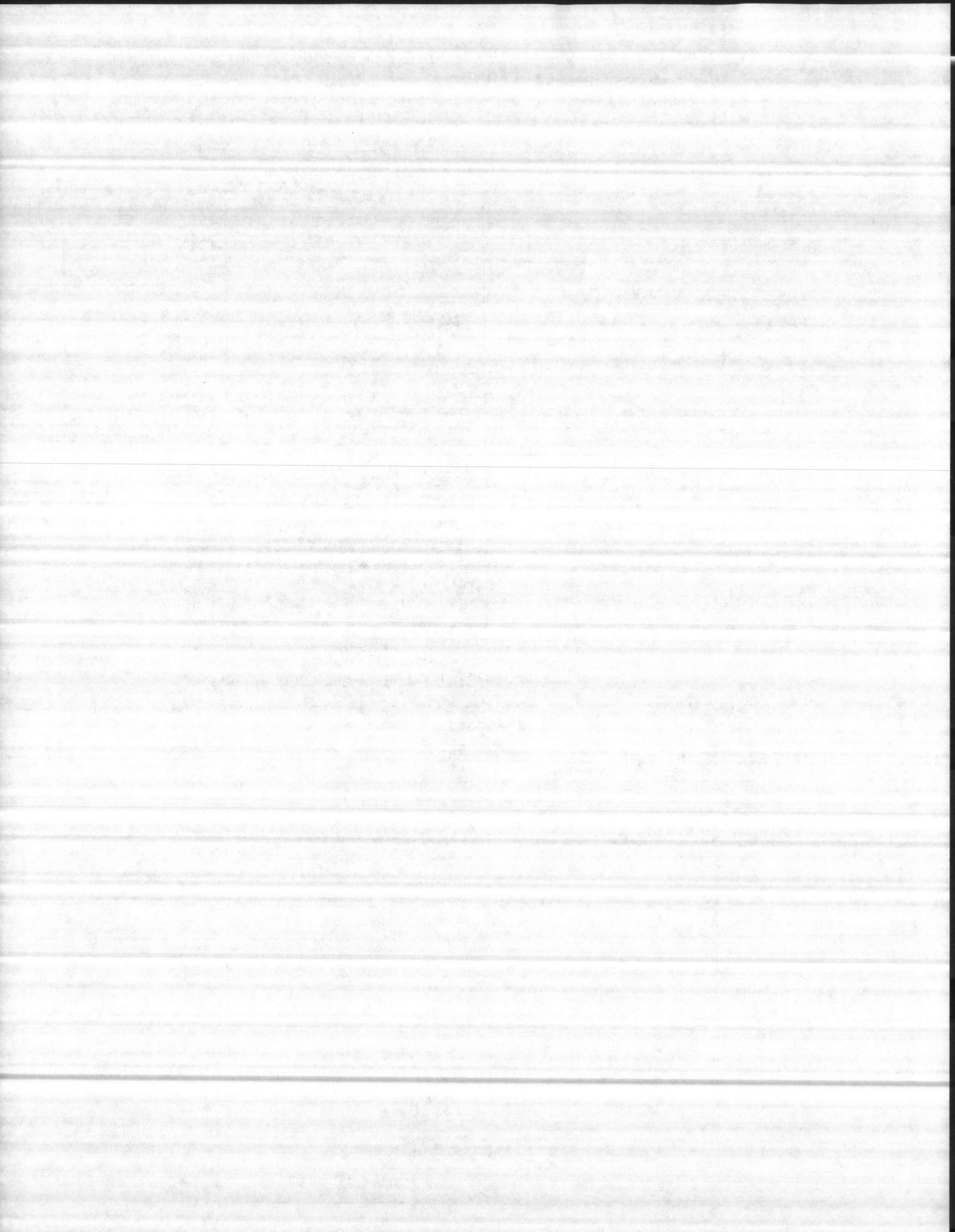
Analysis Desired:  
 1-Complete analysis (18 tests)  
 2-Partial analysis (9 tests)

APPROVED  
 SUBJECT TO REQUIREMENTS OF  
 J. K. TIMMONS & ASSOCIATES  
 CONSULTING ENGINEERS  
 1 AUG 75

ANALYSIS

Parameter	Units	Value	Parameter	Units	Value
Alkalinity CaCO <sub>3</sub>	(000)	18	Fluoride	(0.00)	8.4
Total Hardness	(000)	345	Arsenic	(*0.00)	< 0.01
Iron	(*00.00)	< 0.05	Cadmium	(*0.00)	< 0.01
Manganese	(*00.00)	< 0.03	Chromium <sup>+6</sup>	(*0.00)	< 0.05
Turbidity SiO <sub>2</sub>	(000)	0.65	Copper	(*00.00)	< 0.05
Hardness CaCO <sub>3</sub>	(000)	0	Lead	(*0.00)	< 0.05
Chloride	(000)	86	Zinc	(*00.00)	< 0.05
Calcium	(000)	195	Calcium		13.0
Potassium	(00.0)	12.5	Magnesium		3.4

Date received June 6, 1975 Date reported June 11, 1975



NORTH CAROLINA DEPARTMENT OF HUMAN RESOURCES  
 CHEMICAL ANALYSIS OF WATER CONTRACT NO. 2170 30-1155  
 Division of Health Services, Laboratory Section  
 P. O. Box 28047, Raleigh, North Carolina 27611

Complete all items above Heavy Line  
 (see instructions on reverse side)

CONTRACT  
 PAR. NO. 1511.3.7 DWG. NO.

APP. BY *John* DATE 11 July 1975

Name of Owner: CAMP LEJUENE  
 Address: JACKSONVILLE, N. C.  
 Well No. P  
 County: ONSLOW  
 Report to: WORTH F. PICKARD  
 Address: BOX 1085  
SANFORD, N. C. 27330  
 Collected by: RALPH HARRISON  
 Date Collected: 5/28/75 Time: 1:00 PM  
 Remarks:  
 Sample #2 147 - 162

Type of Supplier: PEABODY PETERSON CO.  
 1-Municipal Job No. 4403  
 2-Sanitary District  
 3-Mobile Home Park  
 4-Community  
 5-Association  
 6-Industrial  
 7-Institution  
 8-Private  
 9-Other

Source of Water:  
 1-Ground  
 2-Surface  
 3-Both  
 4-Purchased

Source of Sample:  
 Well tap  
 2-House Tap  
 3-Distribution Tap

Type of Sample:  
 Raw  
 2-Treated

Type of Treatment:  
 0-None  
 1-Chlorinated  
 2-Fluoridated  
 3-Filtered  
 4-Alum  
 5-Lime  
 6-Soda Ash  
 7-Polyphosphate  
 8-Water Softener  
 9-Other

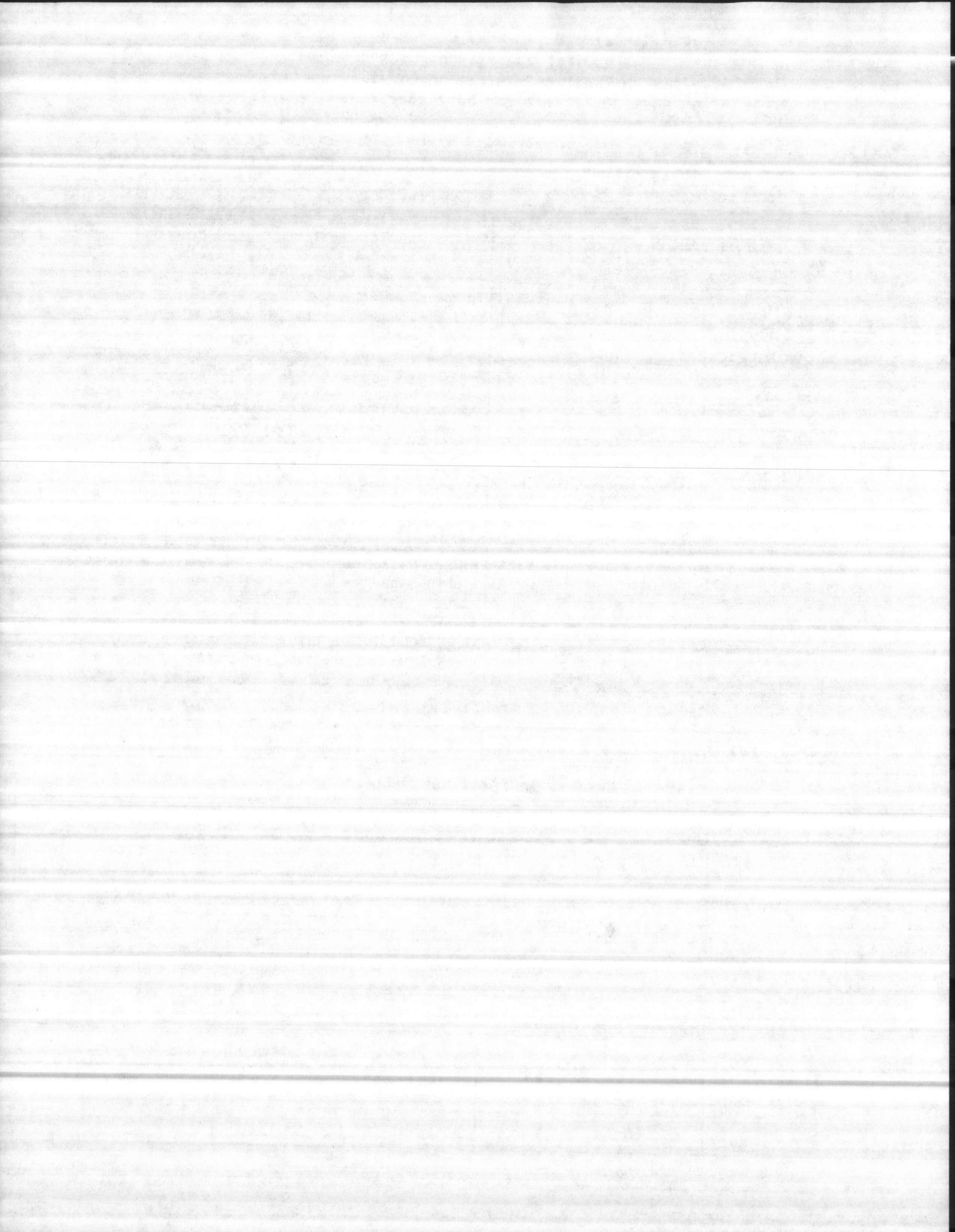
Analysis Desired:  
 1-Complete analysis (18 tests)  
 2-Partial analysis (9 tests)

APPROVED FOR REQUIREMENTS OF  
 J. K. TIMMONS & ASSOCIATES  
 CONSULTING ENGINEERS  
 DATE 6/11/75

ANALYSIS

Color (000)	15 units	Ph	(00.0)	8.2
Results in Parts per Million				
Alkalinity CaCO <sub>3</sub> (000)	320	Fluoride (0.00)	1.26	
Total Hardness (000)	61	Arsenic (*0.00)	< 0.01	
Iron (*00.00)	< 0.05	Cadmium (*0.00)	< 0.01	
Manganese (*00.00)	< 0.03	Chromium <sup>-6</sup> (*0.00)	< 0.05	
Turbidity SiO <sub>2</sub> (000)	0.75	Copper (*00.00)	< 0.05	
Acidity CaCO <sub>3</sub> (000)	2	Lead (*0.00)	< 0.05	
Chloride (000)	77	Zinc (*00.00)	< 0.05	
Sodium (000)	175	Calcium	17.8	
Potassium (00.0)	11.5	Magnesium	4.1	

Date received: June 6, 1975 Date reported: June 11, 1975  
 08542





NORTH CAROLINA DEPARTMENT OF HUMAN RESOURCES  
**CHEMICAL ANALYSIS OF WATER**  
 Division of Health Services, Laboratory Services  
 P. O. Box 28047, Raleigh, North Carolina  
 CONTRACT 27612470-73-C-1155  
 JACKSONVILLE, NORTH CAROLINA

Complete all items above Heavy Line  
 (see instructions on reverse side)

PAR. NO. 1514.3.7 CONTRACT DWG. NO. \_\_\_\_\_

Name of Owner: CAMP LEJEUNE  
 Supply: \_\_\_\_\_  
 Address: JACKSONVILLE, N. C.

Well No.: \_\_\_\_\_  
 County: ONslow

Report to: WORTH F. PICKARD  
 Address: BOX 1085  
SANFORD, N. C. 27330

Collected by: RALPH HARRISON  
 Date Collected: 5/29/75 Time: \_\_\_\_\_ AM

Remarks: Sample #3, 105' - 120'

Type of Supplier: Peabody-Petersen Co.  
 1-Municipal  
 2-Sample  
 3-Mobile Home  
 4-Community  
 5-Association  
 6-Individual  
 7-Institution  
 8-Private  
 9-Other

Source of Water:  
 1-Ground  
 2-Surface  
 3-Both  
 4-Purchased

Source of Sample:  
 1-Well  
 2-House Tap  
 3-Distribution Tap

Type of Samples:  
 1-Raw  
 2-Treated

Type of Treatment:  
 0-None  
 1-Chlorinated  
 2-Fluoridated  
 3-Filtered  
 4-Alum  
 5-Lime  
 6-Soda Ash  
 7-Polyphosphate  
 8-Water Softener  
 9-Other

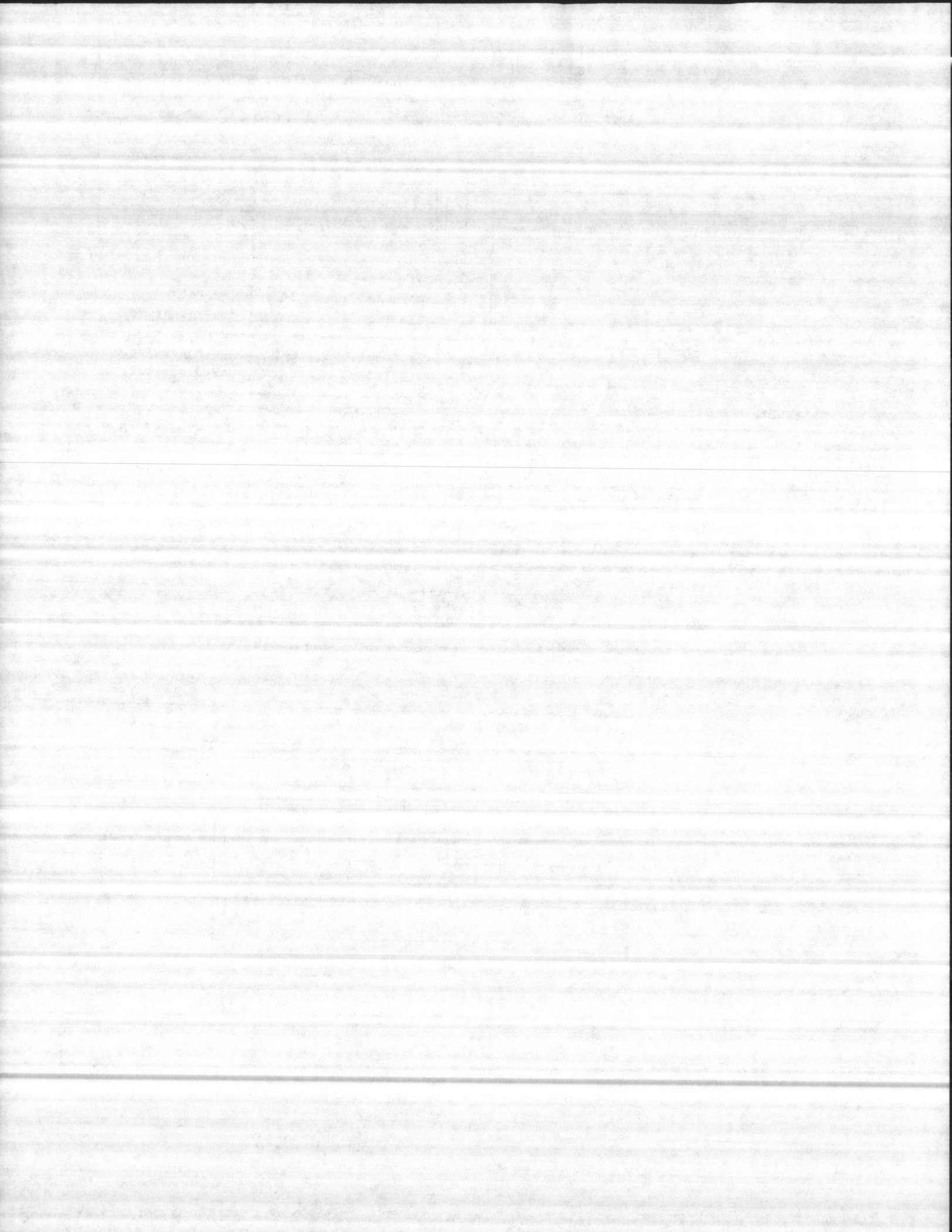
Analysis Desired:  
 1-Complete analysis (18 tests)  
 2-Partial analysis (9 tests)

**APPROVED**  
**SUBJECT TO REQUIREMENTS OF**  
**J. K. TIMMONS & ASSOCIATES**  
**CONSULTING ENGINEERS**  
 DATE: 1 AUG 75

**ANALYSIS**

Color (000)	18 units	Ph (00.0)	8.4
Results in Parts per Million			
Alkalinity CaCO <sub>3</sub> (000)	280	Fluoride (0.00)	1.19
Total Hardness (000)	64	Arsenic (*0.00)	< 0.01
Iron (*00.00)	< 0.05	Cadmium (*0.00)	< 0.01
Manganese (*00.00)	< 0.03	Chromium <sup>6</sup> (*0.00)	< 0.05
Turbidity SiO <sub>2</sub> (000)	1.5	Copper (*00.00)	< 0.05
Acidity CaCO <sub>3</sub> (000)	0	Lead (*0.00)	< 0.05
Chloride (000)	72	Zinc (*00.00)	0.15
Sodium (000)	140	Calcium	19.5
Potassium (00.0)	14.0	Magnesium	3.7

Date received: June 6, 1975 Date reported: June 11, 1975  
 Reported by: \_\_\_\_\_ Lab. No. 08541



NORTH CAROLINA DEPARTMENT OF HUMAN RESOURCES  
 CHEMICAL ANALYSIS OF WATER  
 Division of Health Services, Laboratory Section  
 P. O. Box 28047, Raleigh, North Carolina 27511

UTIL. EXPANSION  
 AIR STATION  
 NEW RIVER  
 CONTRACT NO. 62470-73-C-1155  
 JACKSONVILLE, NORTH CAROLINA 27511  
 SPEC. 154.3.7  
 CONTRACT DWG. NO. \_\_\_\_\_  
 APP. BY: *H. Smith* DATE: 11 July 1975  
 REABODY-PETERSEN CO. Inc.  
 Dist. NO. 7400  
 1-Municipal  
 2-Sanitary District  
 3-Mobile Home Park  
 4-Community  
 5-Associated  
 6-Industrial  
 7-Private  
 8-Other

Name of Owner: CAMP LEJEUNE  
 Supplier: JACKSONVILLE, N. C.  
 Address: \_\_\_\_\_  
 Well No. \_\_\_\_\_  
 County: ONslow  
 Report to: WORTH F. PICKARD  
 Address: BOX 1085  
SANFORD, N. C. 27330  
 Collected by: RALPH HARRISON  
 Date Collected: 5/30/75 Time: \_\_\_\_\_  
 Remarks: Sample #4  
42' - 57'

Type of Supplier:  1-Municipal  
 2-Sanitary District  
 3-Mobile Home Park  
 4-Community  
 Source of Water:  1-Ground  
 2-Surface  
 3-Both  
 4-Purchased  
 Source of Sample:  1-Water Tap  
 2-House Tap  
 3-Distribution Tap  
 4-Alum  
 5-Lime  
 6-Soda Ash  
 7-Polyphosphate  
 8-Water Softener  
 9-Other  
 Type of Treatment:  1-None  
 2-Fluorinated  
 3-Filtered  
 4-Alum  
 5-Lime  
 6-Soda Ash  
 7-Polyphosphate  
 8-Water Softener  
 9-Other

APPROVED  
 SUBJECT TO REQUIREMENTS OF  
 J. K. TIMMONS & ASSOCIATES  
 CONSULTING ENGINEERS  
 BY: \_\_\_\_\_  
 DATE: \_\_\_\_\_

Analysis Desired:  
 1-Complete analysis (18 tests)  
 2-Partial analysis (9 tests)

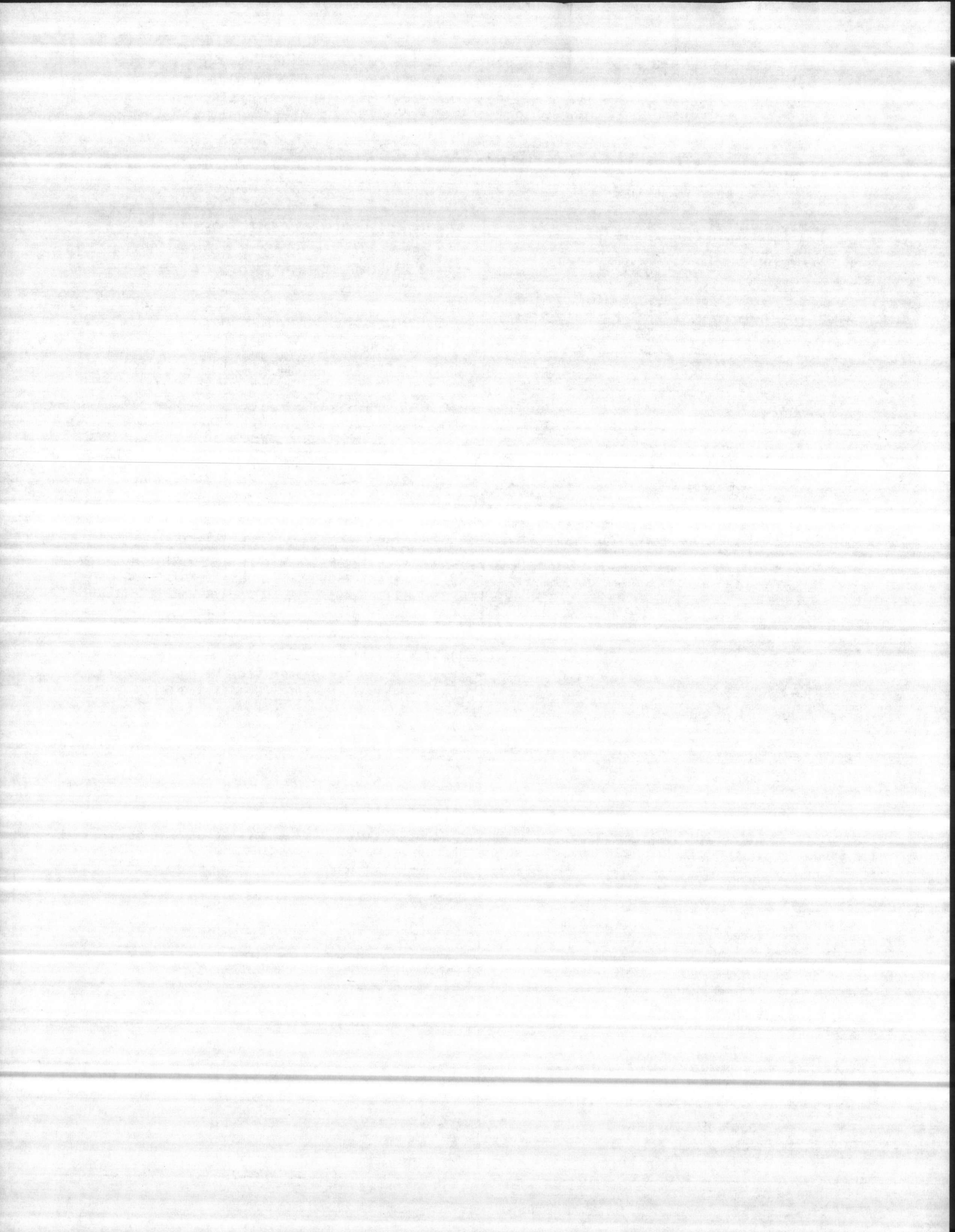
ANALYSIS

Color (000)	8 units	Ph (00.0)	8.1
Results in Parts per Million			
Alkalinity CaCO <sub>3</sub> (000)	225	Fluoride (0.00)	0.16
Total Hardness (000)	221	Arsenic (*0.00)	< 0.01
Iron (*00.00)	< 0.05	Cadmium (*0.00)	< 0.01
Manganese (*00.00)	0.05	Chromium <sup>+6</sup> (*0.00)	< 0.05
Turbidity SiO <sub>2</sub> (000)	0.5	Copper (*00.00)	< 0.05
Hardness CaCO <sub>3</sub> (000)	2	Lead (*0.00)	< 0.05
(000)	11	Zinc (*00.00)	< 0.05
(000)	7	Calcium	85.0
(00.0)	1.4	Magnesium	2.0

June 6, 1975

June 11, 1975

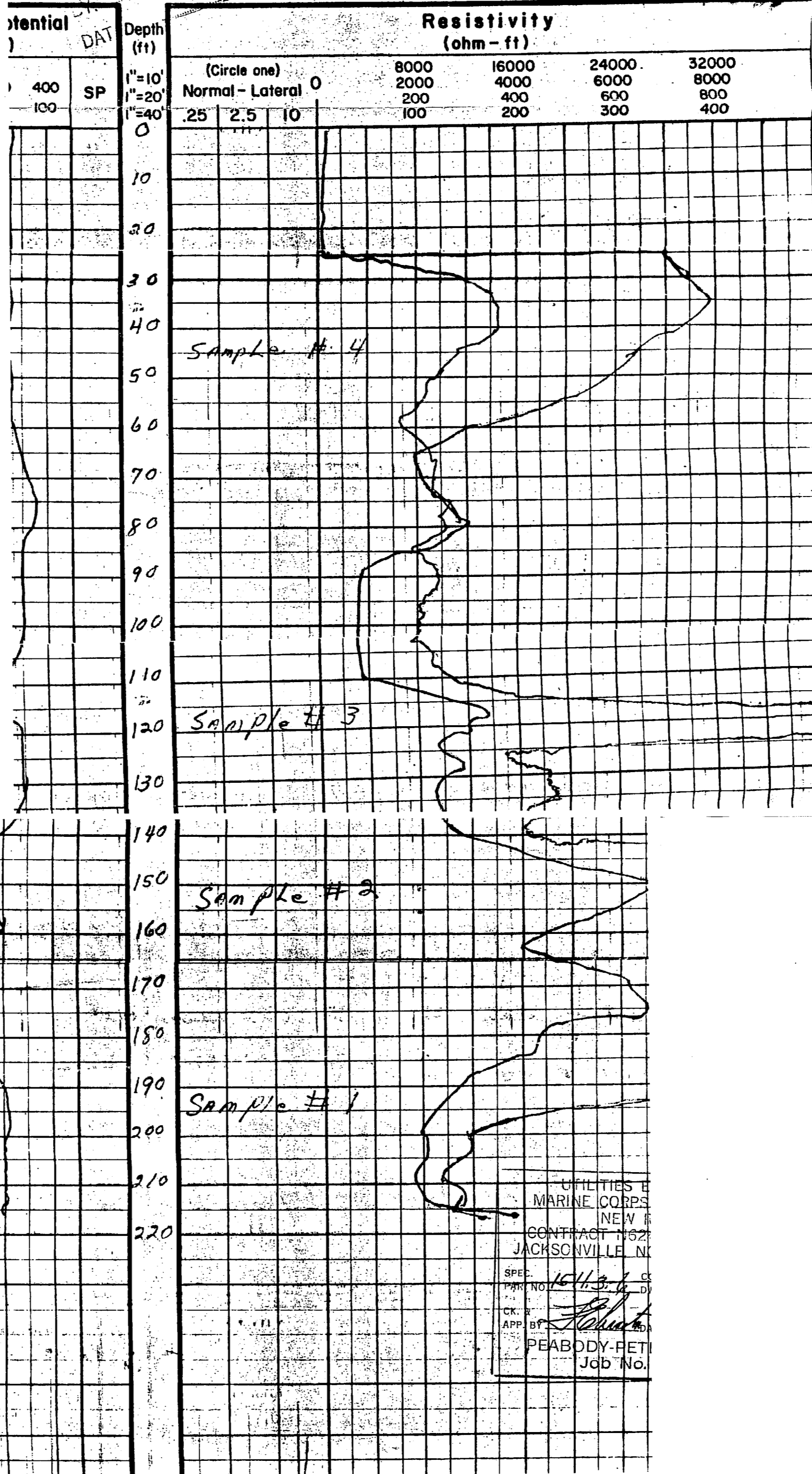
Date reported \_\_\_\_\_



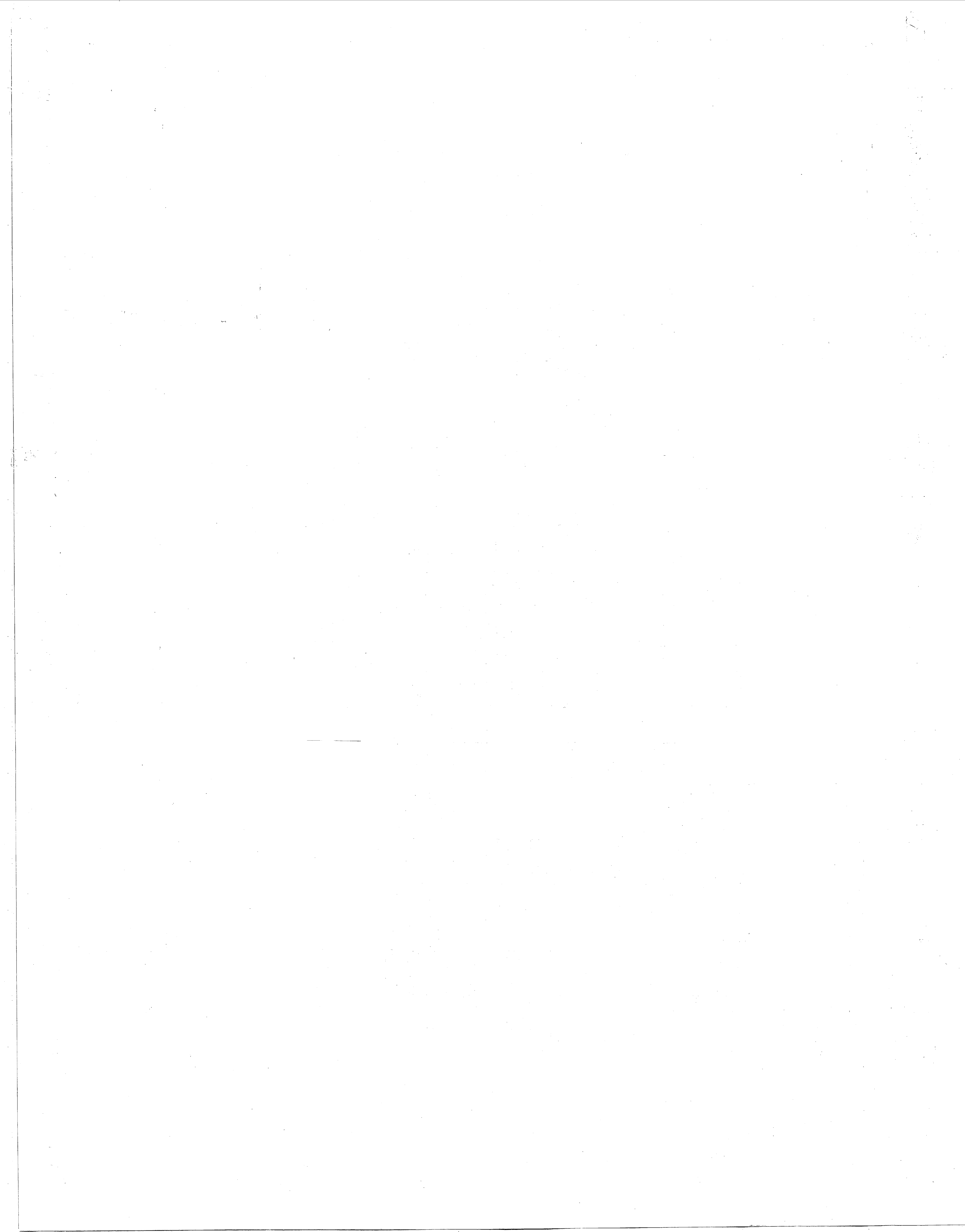
ELECTRIC LOG BY

V-KECK™ DR-61 ELECTRICAL LOGGING SYSTEM

P Owner Camp LeJUNE  
 211 Left of Road Date 5-19-75  
 pth 2 1/2 ft. dia. 7 3/8 in. Casing depth 25 ft. dia. 8 in.  
 vity \_\_\_\_\_ temperature \_\_\_\_\_ F  
 sec. APPROVED TO REQUIREMENTS OF  
 SUBJECT TO WEIGHTS & SPECIFICATIONS  
 hole \_\_\_\_\_ ft. above/below ground level  
 LPH Harrison CONSULTING ENGINEERS  
 Other logs \_\_\_\_\_  
 E-log operator W. Beckard



UTILITIES &  
 MARINE CORPS  
 NEW  
 CONTRACT #622  
 JACKSONVILLE, NC  
 SPEC. 1011.3.6  
 CK. BY  
 APP. BY  
 PEABODY-PET  
 Job No.



ELECTRIC LOG BY

JOHNSON-KECK™ DR-61 ELECTRICAL LOGGING SYSTEM

Well P Owner Camp LeFlore  
 Location on left of Road Date 5-17-75  
 Borehole depth 216 ft. dia. 2 1/2 in. Casing depth 25 ft. dia. 8 in.  
 Mud resistivity \_\_\_\_\_ temperature \_\_\_\_\_ F  
 viscosity \_\_\_\_\_ sec weight \_\_\_\_\_ lb/gal type \_\_\_\_\_  
 Measuring point 0 ft. above/below ground level  
 Fluid level in hole 7 ft. Other logs \_\_\_\_\_  
 Driller Ralph Harrison E-log operator W. Pickard

