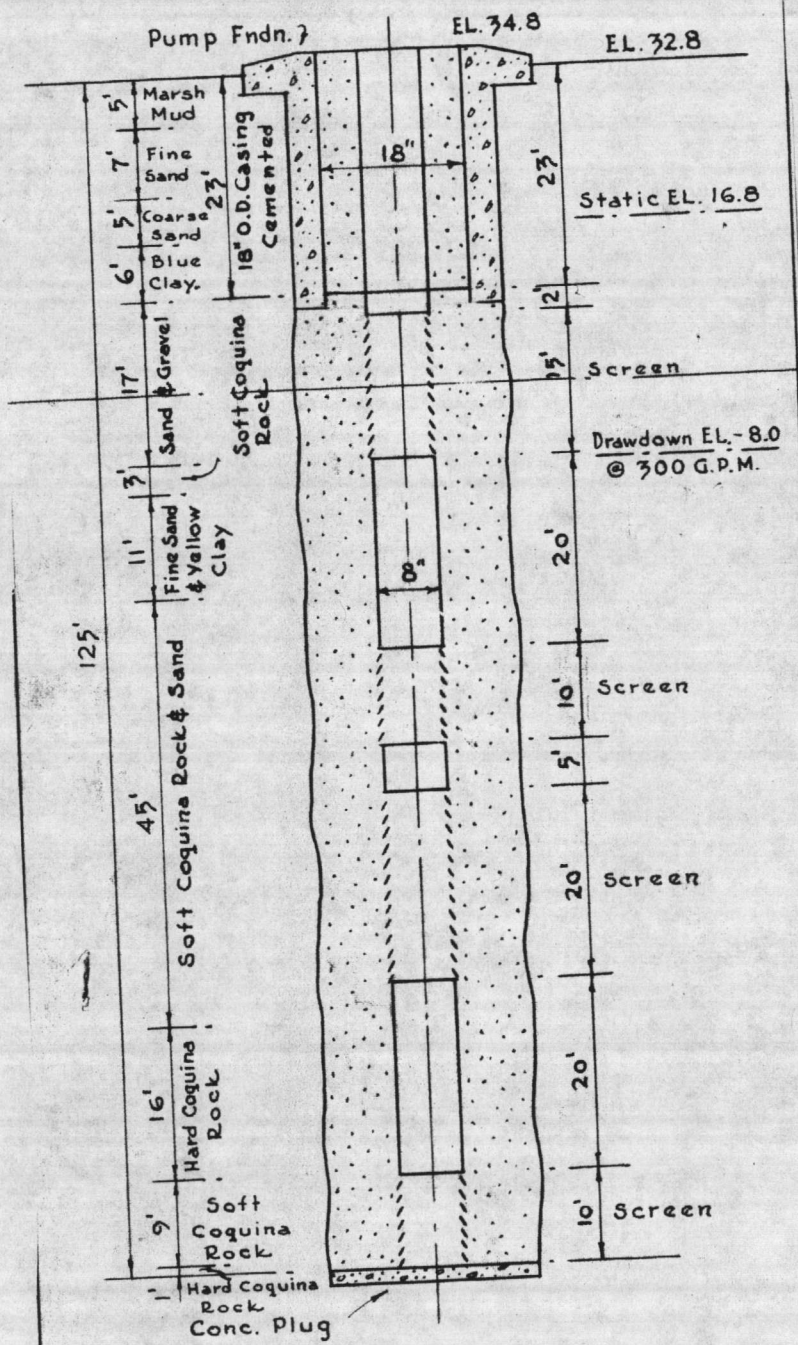
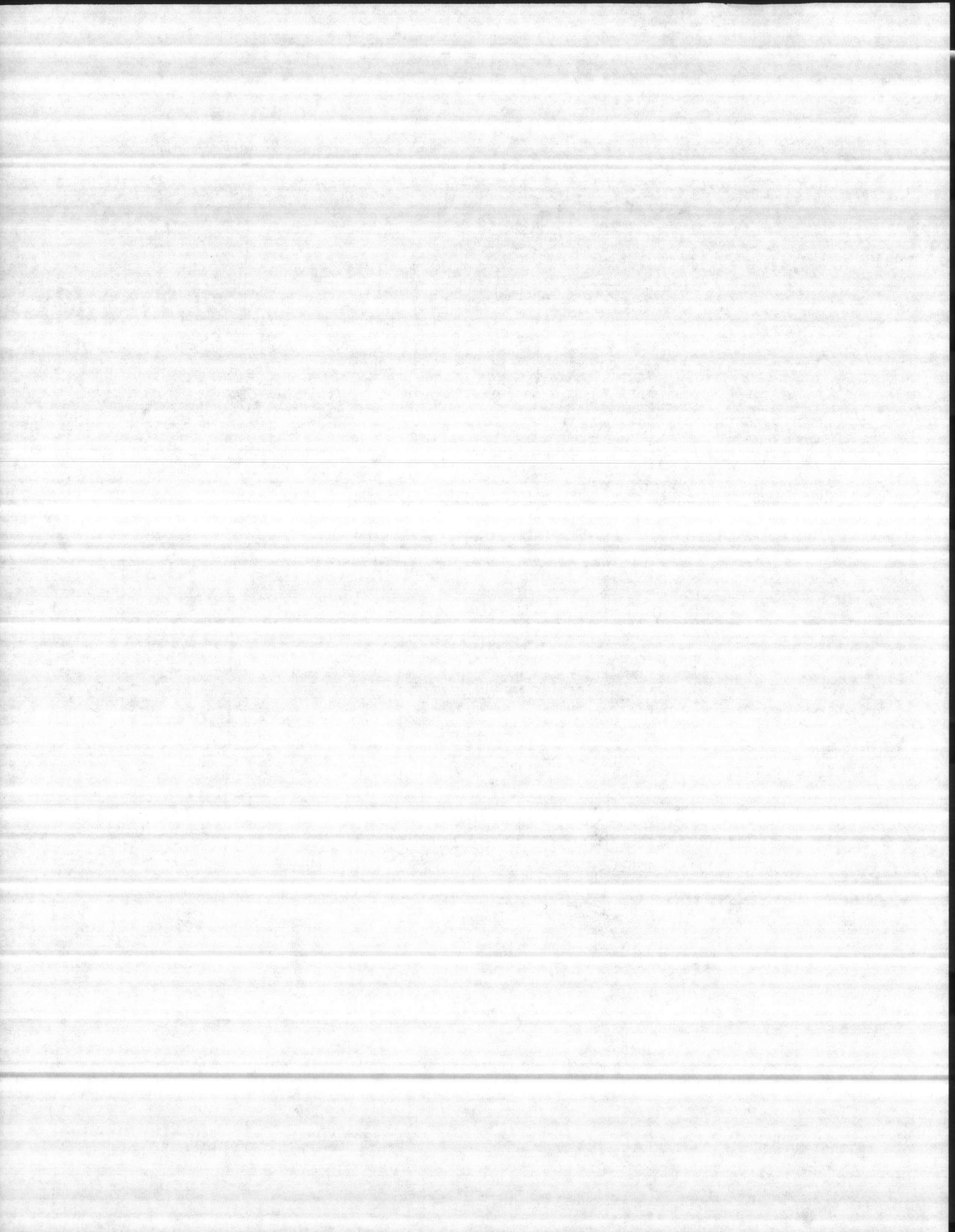


300 G.P.M. - SINGLE DRIVE -



LCH 4006 M-1



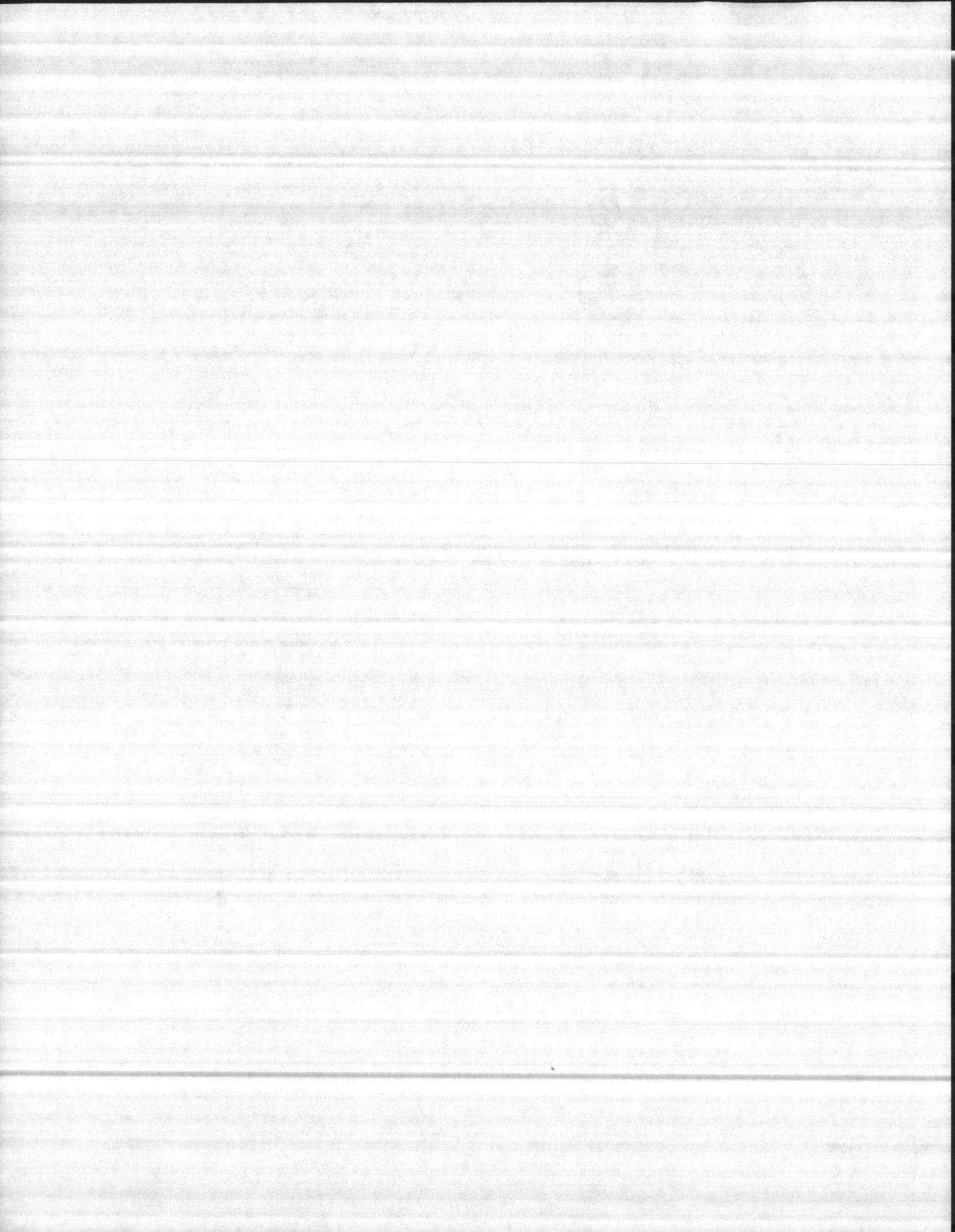
# Morton Salt in 3 sizes



PLAIN OR IODIZED

*Air line - 72*  
~~275 - 53 ft~~

60 LB - 290 GPM 30ft.  
65 " - 243 - " 33ft  
70 " - 115 - " 37ft.  
Static - 28ft



PHYSICAL AND CHEMICAL ANALYSIS OF WATER

SAMPLE NO.

FROM: (Station or unit)

Well M-1

DATE

8-1-57

TO: (Name and location of laboratory)

SAMPLE FROM (Location of sampling point)

COLLECTED BY

Chadwick

DATE

HOUR

SOURCE (Designate ground, surface, raw, treated)

Raw

REASON FOR EXAMINATION

EXAMINATION REQUESTED BY

NOTE: All results reported in parts per million unless otherwise noted except for pH, temperature, and specific conductance. One liter of potable water is assumed to weigh one kilogram.

I. FIELD ANALYSIS			III. ROUTINE LABORATORY ANALYSIS		
1. pH	TEMPERATURE		(CHECK ONE)		
	°F	°C	REQUESTED	NOT REQUESTED	
ITEM	PPM				
2. CARBON DIOXIDE (CO <sub>2</sub> )			1. COLOR		
3. DISSOLVED OXYGEN (O <sub>2</sub> )			2. TURBIDITY		
4. HYDROGEN SULFIDE (H <sub>2</sub> S)			3. ALKALINITY (CaCO <sub>3</sub> )		
5. CHLORINE DEMAND (Cl <sub>2</sub> )			P	MO	
FIELD ANALYSIS BY			0	160	
DATE OF ANALYSIS			4. TOTAL HARDNESS (CaCO <sub>3</sub> )		
			160		
			5. NON-CARBONATE HARDNESS (CaCO <sub>3</sub> ) (By Computation)		
			6. CARBONATE HARDNESS (CaCO <sub>3</sub> ) (By Computation)		
			7. TOTAL DISSOLVED SOLIDS		
			8. SPECIFIC CONDUCTANCE (Micromhos)		
II. SPECIAL LABORATORY ANALYSES					
Check (X) individual items to be included in the Special Analyses. Request determination only of those substances suspected of being present in significant amounts.					
(X)	ITEM	PPM	ITEM		PPM
	1. As		9. CALCIUM (Ca)		
	2. Se		10. MAGNESIUM (Mg)		
	3. Pb		11. SODIUM (Na) AND POTASSIUM (K)		
	4. B		12. HYDROXIDE (OH) <sup>-</sup> CaCO <sub>3</sub>		0
	5. Cu		13. BICARBONATE (HCO <sub>3</sub> ) <sup>-</sup> CaCO <sub>3</sub>		160
	6. Zn		14. CARBONATE (CO <sub>3</sub> ) <sup>-</sup> CaCO <sub>3</sub>		0
	7. Cr (Hexavalent)		15. SULFATE (SO <sub>4</sub> )		
	8. PO		16. CHLORIDE (Cl)		10
	9. Cd		17. NITRATE (NO <sub>3</sub> )		
	10. CN		18. IRON (Fe) TOTAL		2.5
	11. Phenolic Compounds (PPB)		19. MAGANESE (Mn)		
	12. Others (Specify)		20. SILICA (SiO <sub>2</sub> )		
	13.		21. FLUORIDE (F)		
	14.				
	15.				
	16.				

\*State whether determined or computed from P and MO alkalinity.

REMARKS (Such as unusual appearance, taste, odor, etc.)

LABORATORY ANALYSIS BY

Justice

DATE OF ANALYSIS

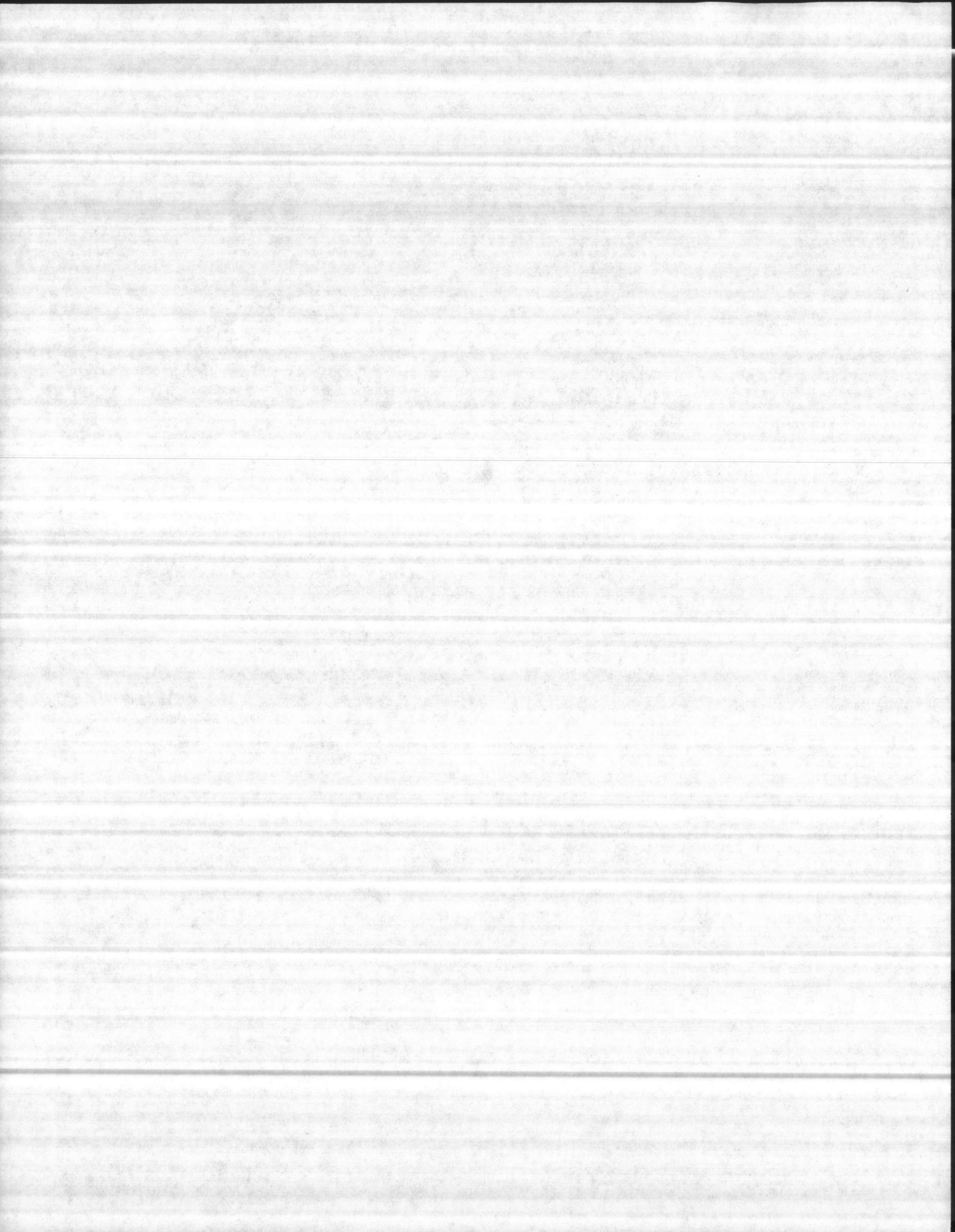
8-1-57



U.S. DEPARTMENT OF THE INTERIOR  
 GEOLOGICAL SURVEY  
 OFFICE OF WATER DATA COORDINATION  
 INVENTORY OF HYDROLOGIC DATA STATIONS  
 QUALITY OF WATER

APPROVED  
 Budget Bureau No. 42-R1485  
 Approval Expires June 30, 1968

1. AGENCY CODE <b>MC</b>	2. TYPE <b>Q</b>	3. LATITUDE <b>34 43 22 N</b>	4. LONGITUDE <b>70 20 12 W</b>	5.
6. AGENCY STATION NO. <b>4006</b>		7. STATION NAME <b>HP20-LCH1</b>		
8. DRAINAGE BASIN CODE No. <b>06</b> Letter <b>N</b>		9. STATE CODE <b>32</b>	10. COUNTY CODE <b>133</b>	11. COUNTY NAME <b>ONSLow</b>
12. PERIOD OF RECORD Began <b>1942</b> Discontinued		Y <input type="checkbox"/> Continuous <input type="checkbox"/> Interruption Exceeds 1 Year	13.	14.
15. SITE				
<input type="checkbox"/> 101 Stream <input type="checkbox"/> 102 Canal		<input type="checkbox"/> 103 Lake <input type="checkbox"/> 104 Reservoir <input type="checkbox"/> 105 Estuary	<input type="checkbox"/> 106 Spring <input checked="" type="checkbox"/> 107 Well <input type="checkbox"/> 110 Other	
16. FREQUENCY OF MEASUREMENT				
<input type="checkbox"/> 201 Continuous Recorder <input type="checkbox"/> 202 Telemetered		<input type="checkbox"/> 203 Daily <input type="checkbox"/> 204 Weekly <input type="checkbox"/> 205 Monthly <input type="checkbox"/> 206 Quarterly	<input type="checkbox"/> 207 Seasonal <input type="checkbox"/> 208 Annual <input type="checkbox"/> 209 Other Periodic <input checked="" type="checkbox"/> 210 Occasional	
17. TYPES OF DATA AVAILABLE				
<i>Physical</i>		<i>Chemical</i>	<i>Organic</i>	
<input type="checkbox"/> 311 Temperature <input type="checkbox"/> 312 Specific Conductance <input type="checkbox"/> 313 Turbidity <input type="checkbox"/> 314 Color <input type="checkbox"/> 315 Odor <input type="checkbox"/> 316 Radioactivity <input type="checkbox"/> 317 pH (field) <input checked="" type="checkbox"/> 318 pH (lab) <input type="checkbox"/> 319 Eh <input type="checkbox"/> 320 Other		<input type="checkbox"/> 331 Dissolved solids <input checked="" type="checkbox"/> 332 Chlorides Only <input type="checkbox"/> 333 Nutrients (Nitrogen and phosphorus compounds) <input type="checkbox"/> 334 Common ions <input checked="" type="checkbox"/> 335 Hardness <input type="checkbox"/> 336 Radiochemical <input type="checkbox"/> 337 Dissolved oxygen <input type="checkbox"/> 338 Other Gases <input type="checkbox"/> 339 Other	<input type="checkbox"/> 351 Pesticides (insecticides, herbicides, etc.) <input type="checkbox"/> 352 Synthetic detergents <input type="checkbox"/> 353 Other <i>Biologic</i> <input type="checkbox"/> 361 Coliforms <input type="checkbox"/> 362 Other Micro-organisms <input type="checkbox"/> 363 BOD <input type="checkbox"/> 364 Other <i>Sediment</i> <input type="checkbox"/> 371 Concentration <input type="checkbox"/> 372 Particle size <input type="checkbox"/> 373 Other	
18. SUPPLEMENTARY DATA FOR SITE				
<input type="checkbox"/> 421 Surface Water Station <input type="checkbox"/> 422 Ground Water Station		<input type="checkbox"/> 423 Water Stage or Level <input checked="" type="checkbox"/> 424 Water discharge	<input type="checkbox"/> 425 Time of Travel <input type="checkbox"/> 426 Drainage Area	
19. STORAGE OF DATA				
<input type="checkbox"/> 501 Periodic Report <input type="checkbox"/> 502 Areal Report		<input checked="" type="checkbox"/> 503 Not Published <input type="checkbox"/> 504 Data on Punchcard	<input type="checkbox"/> 505 Data on Magnetic Tape <input type="checkbox"/> 506 Other	
20. OFFICE AT WHICH DATA AVAILABLE				
Office <u>BASE MAINTENANCE DEPARTMENT, UTILITIES DIVISION</u>				
Street No. <u>MARINE CORPS BASE</u>				
City, State, Zip <u>CAMP LEJEUNE, N. C. 82542</u>				City Code <b>0735</b>
21. OFFICE COMPLETING FORM <b>BASE MAINTENANCE DEPARTMENT</b>				
22. COMPILER'S NAME				23. DATE Month <u>09</u> Year <u>1966</u>





Well # M-1

Date	Line Ft.	G.P.M.	D.D. El.	Static El.	Shut off Head	D.D. Ft.
2-11-54	115.5					
10/20/66	AIRLINE	272		11'		
8/5/69	50'	259		11'		
8-4-79		246	-14.2'	-4.2'		10'

Air Line

