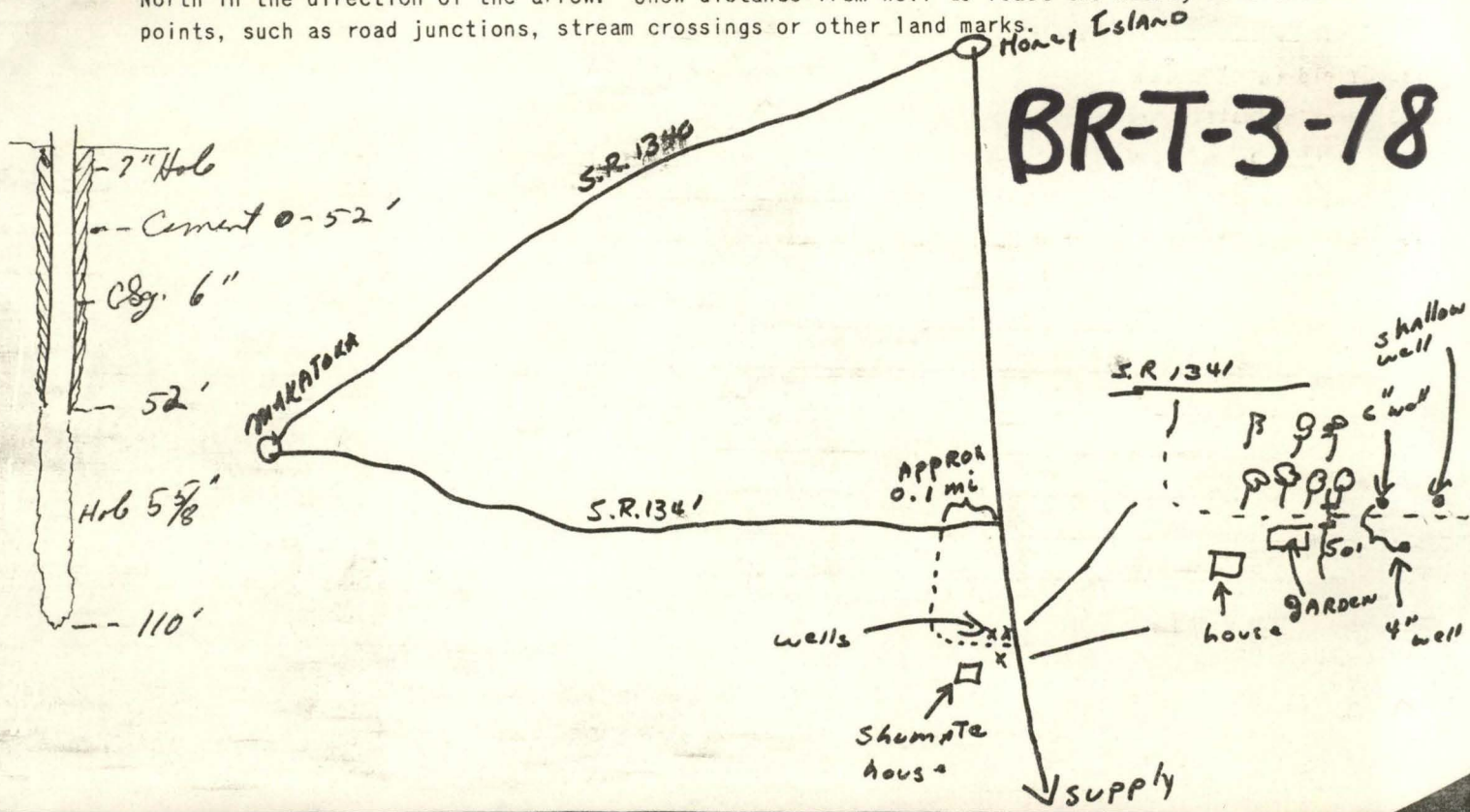


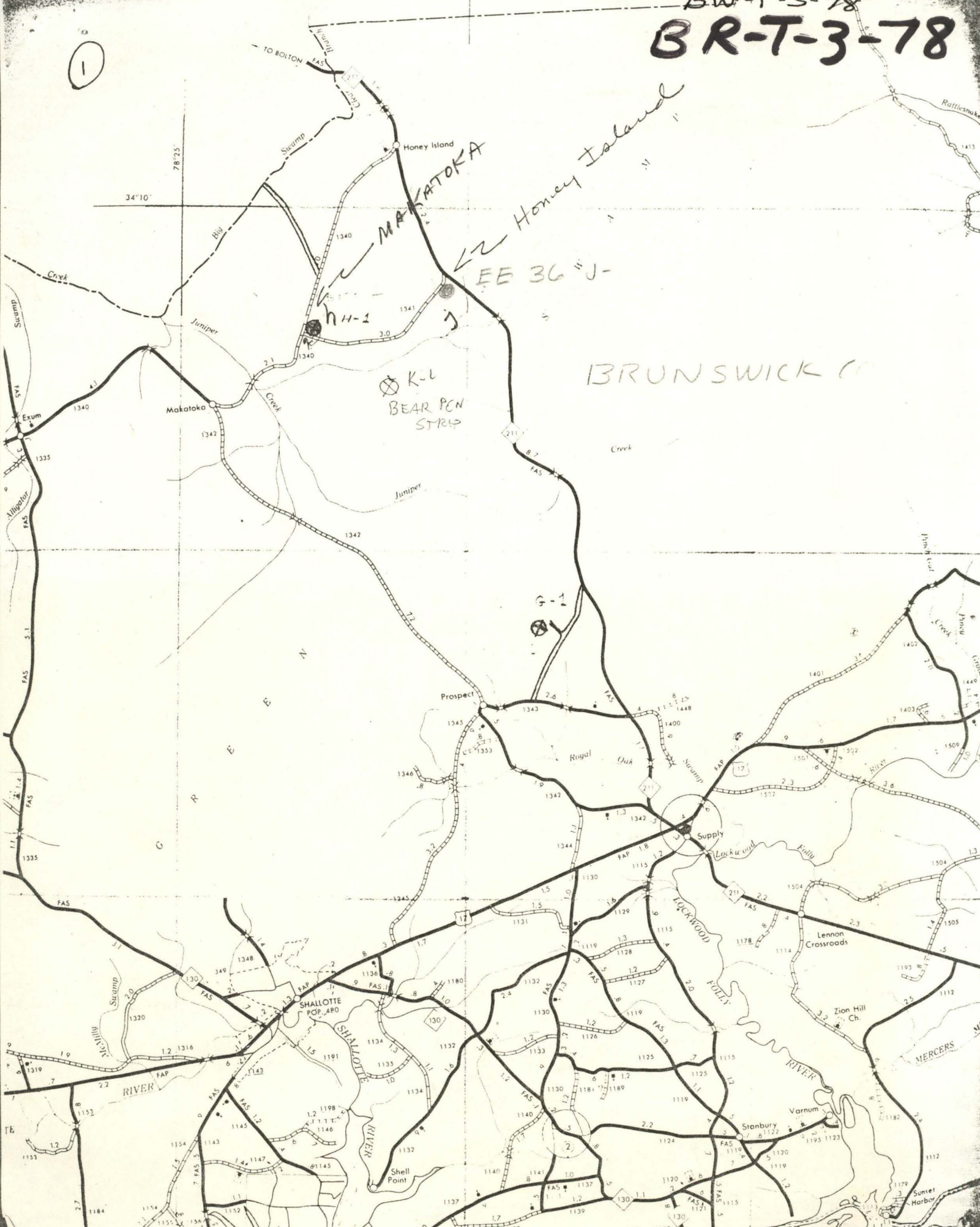
HONEY ISLAND RESEARCH STA EE 36; J - BW-T-3-78

LOCATION: Draw sketch below showing location of well in relation to nearby towns, roads, and streams with North in the direction of the arrow. Show distance from well to least two nearby reference points, such as road junctions, stream crossings or other land marks.



BW-T-3-78
BR-T-3-78

(1)

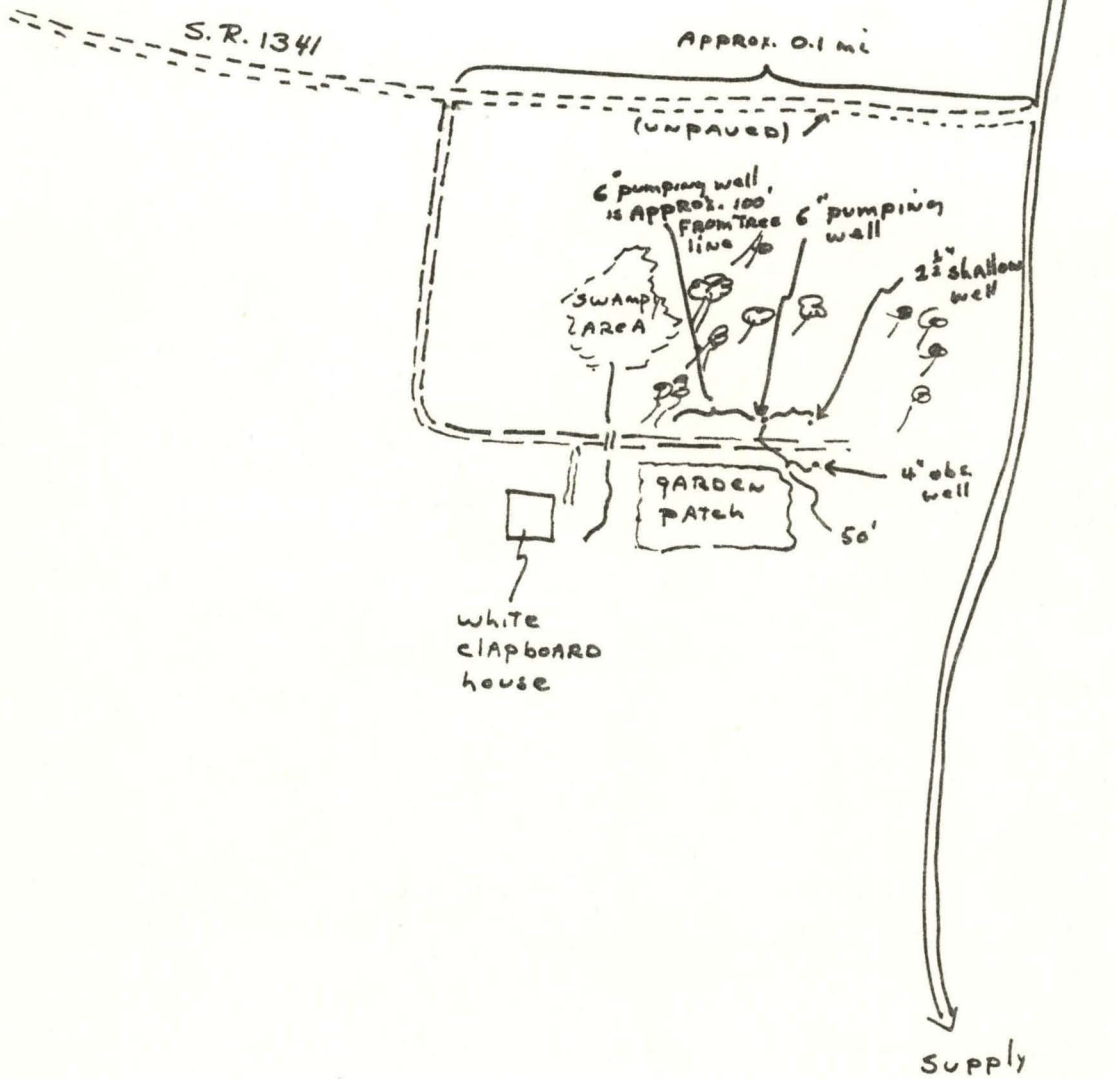


Honey Island Multiwell Sta.

(EESG-J1, J2+J3)

BW-T-3-78 Bolton

BR-T-3-78



BR-T-3-78

NORTH CAROLINA DEPARTMENT OF WATER AND AIR RESOURCES
 DIVISION OF GROUND WATER
 BOX 9392 - RALEIGH, N. C.

Drilling well

BW-T-3-78

ALL RECORD

Drilling Contractor D.C.W.

Reg. No.

Well Permit No.

1. Town Honey Island

County Durham

2. Location approx. 0.2 mi. S of S.R. 1341 just off

Quadrangle No. EE36-11

Show a sketch of location on back of form Hwy. 211

DRILLING LOG

3. Owner Lydia Shumate

Address _____

4. Topography: draw, slope, hilltop, valley, flat

5. Use of Well obs. Date Completed 8/14/70

6. Rig type or method muç rotary Total Depth 110' *

7. Casing: Depth Diam. Type
 From 0 to 52 ft. 6 in. blb iron

8. Grout: Depth Material Method
 From 0 to 52 ft. cement hydraulics

9. Screen: no Depth Diam. Type and opening
 From _____ to _____ ft. _____ in. open hole

10. Water Zones (depth) 52'-110' (possibly Ech)

11. Static Water Level: 7.99 ft. ^{above} below top of casing
 which is 1.22 ft. above land surface.
 Date 8/21/70

12. Yield (gpm) 7.5 Method of testing cent. pump

13. Pumping Water Level: 32.5 ft. after 2 hrs.
 at 7.5 gpm.

14. Water Quality clear Temperature (°F) 68

15. Well sterilization method HTH

16. Permanent Pump: no Type _____ Make _____

Installed- Date _____ By _____

Capacity _____ (gpm) Hp. _____

Intake depth _____ Airline depth _____

17. Remarks: *refers to finished well (see add'l info. on back; H₂O sample taken 8/24/70

I do hereby certify that this well record is true and exact.

SIGNATURE OF CONTRACTOR OR AGENT

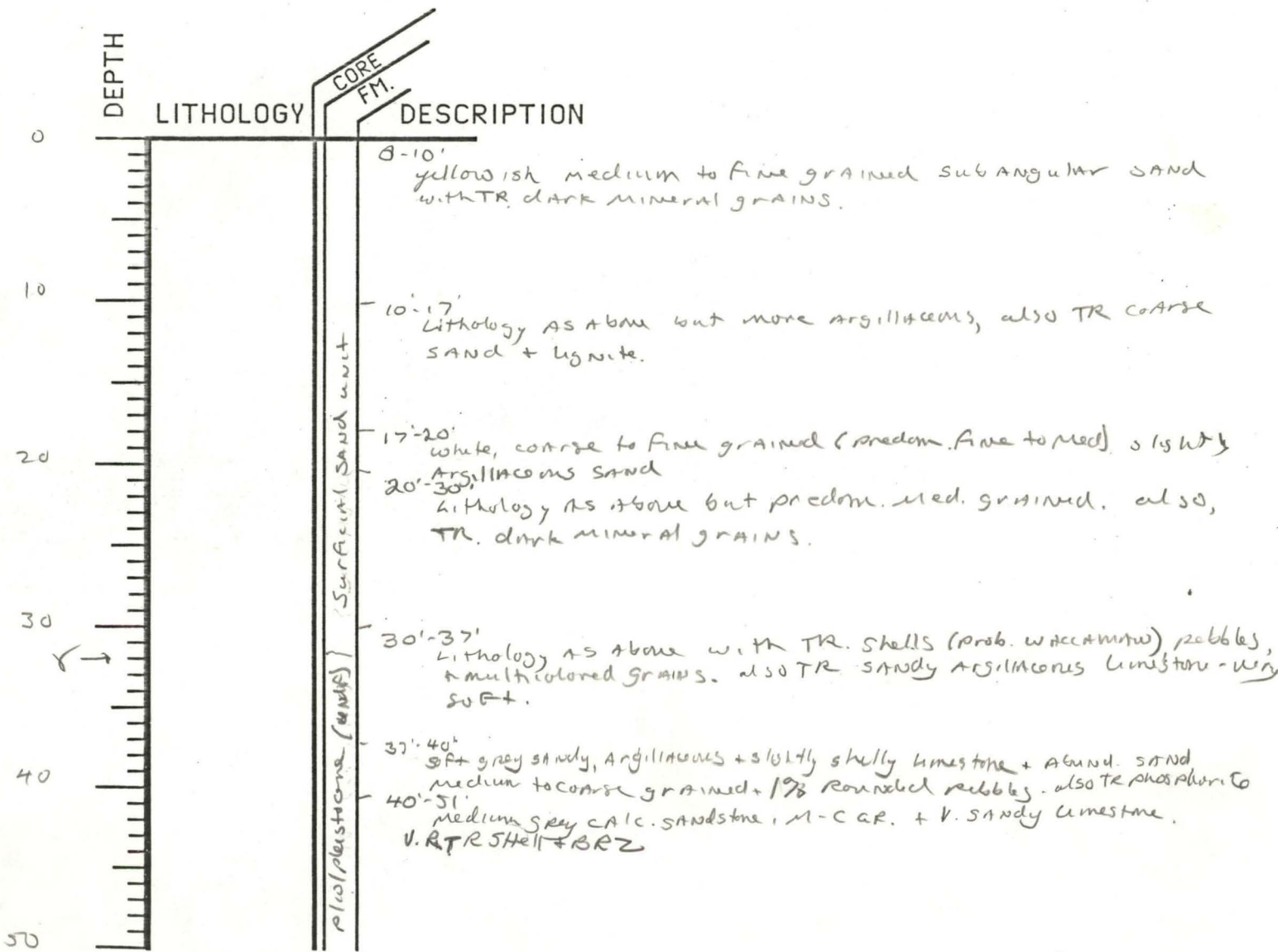
Depth		Formation
From	To	
0	10	clay (grey, yellow)
10	17	SAND (white)
17	20	clay (various colors)
20	30	INTERBEDDED CLAY & SAND
30	37	"
37	51	SAND (white)
51	52	clay (blue)
52	90	L.S. (grey) w/ sand & clay lenses
90	110	SANDY CLAY (grey, fine)
110	130	" w/ clay + ls streak
130	139	clay (grey) w/ " "
139	140	L.S. (grey, v. hard)
140	228	clay (grey) w/ occ. sand streak
228	230	L.S. (hard)
230	272	clay (grey) w/ occ. sand streak
272	274 1/2	L.S. (v. hard)
274 1/2	280	same as 230-272
280	282	SAND (grey) w/ clay lenses
282	285	L.S. (grey, hard)
285	290	same as 280-82
290	300	clay (grey) w/ sand streaks
300	340	SAND (grey) w/ clay lenses
340	360	SANDY CLAY (grey)
360	400	clay (grey) w/ sand streaks

WELL CODE BW-T-3-78

ELEVATION 62'

T.D. 380'

NOTE: SAMPLES ARE NOT WASHED.



50' →

100'

WELL CODE
BW-T-3-78
PAGE # 2

52'-60'
gray, med-fine grained sl. argillaceous
+ limy sand + TR phosphonite,
Glauconite
[Astraea sp, GAV CORE]

60'-70'
Lithology as above

70'-80'
Lithology as above - more limy + argillaceous

80'-90'
Lithology as above

90'-100'
Lithology as above

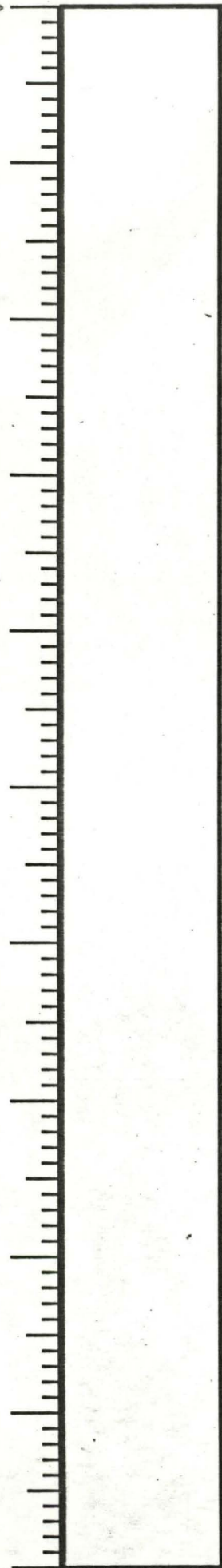
60

70

80

90

100



BW-T-3-78
J. Ray

EE 36 i-
Obs. Well

0 DMS
100 ft
200 ft
300 ft
400 ft
500 ft
600 ft
700 ft
800 ft
900 ft
1000 ft

Freeze

80

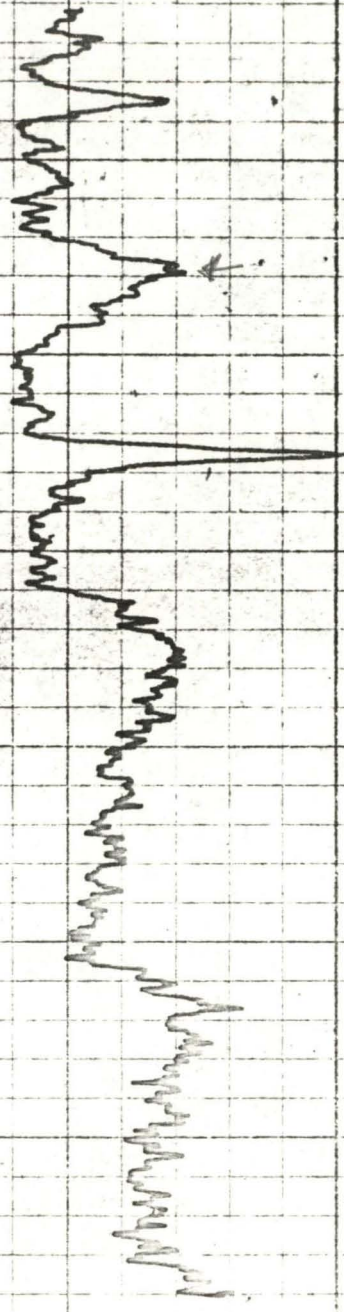
100

120

140

160

180



KRP

120

