

Florida Geological
Survey

P.O. Box 631

Tallahassee

DI-4

(May 1949)

UNITED STATES

Department of the Interior

Beaman Alidade Record

State

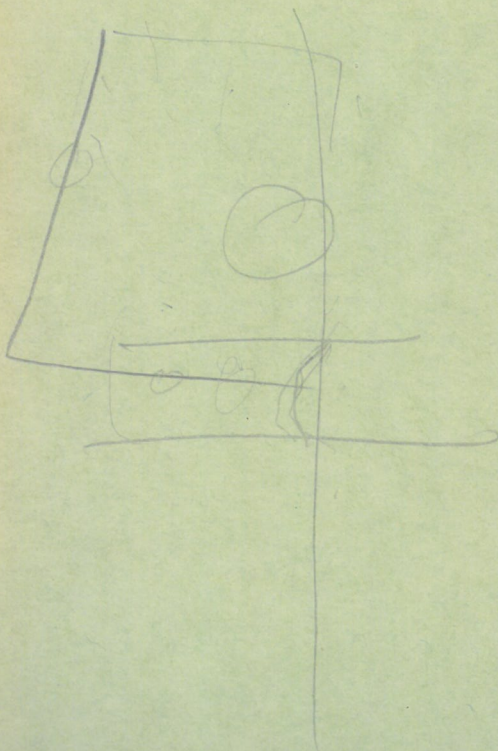
Quadrangle

Notes by

W.R. Oglesby
JUNE 1967

U.S. GOVERNMENT PRINTING OFFICE

16-58879-3



1

Date , 19 Traverse from to

	Distance	Beaman Arc or Steps	Product	Rod Correction	Diff. Elev.	H. I.	Elevation
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John Shoreline
Occidental (Core Rig)
will put down 2-3 holes
Oxy Resh on #98 ~~Ref~~ for #1

Alan ~~Trask~~ - County (Polk)
Commissioner.

~~Hugh~~ Perry Cannon (Consultant)

Labeland 813-686-4973

County Engineer Waldo Fielding
533-7131 County Engineer
Polk

Welson Futch
Mobil Chemical Co.

Date June, 1967 Traverse from Labeland to Highland City 2

	Distance	Beam Arc or Steps	Product	Rod Correction	Diff. Elev.	H. I.	Elevation
1	Loc #1	Aug 98					
2		40' Car at 40' depth				RC Dept #393	
3		chilled by Rod Dept.				on top of plane	
4		about 1.5 miles N. of				beaver Creek	
5		Highland City				- 200 yds N of Creek	
6		Photo Roll #4 Shot #7, 8, 9					
7	Loc 2		Highland City			Club Hse	
8						near	
9			Small sink collapse				
10			Cor of road.				
11	Loc 3		Garbrough Lane				
12							
13	Loc #4		Open sink hole in Orange				
14			see photographs #1 -				
15			Diameter of Sink about 10'				
16			Depth to tip of opening about 40'				
17			in Hawthorn - Sand & Clay				
18			Open Cave SE (about 130° E)				
19			Entered when sink appeared				
20			Cave contained water.				
21			Sink #2 - important sink				
22			from center to center of Sink				
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Loc # 6

Mileage 80.3 in Highland City

Mileage 81.85

1.55 miles S of Highlands Paden
 on S+R 98. - West side of
 (highway) S Band lane - Photos
 of incipient sink in pasture
 w 2nd sink behind bend
 between sinks is SW.

Diameter of incipient sink is
 120'. Yellow Mo in center
 of S lane by Hwy Dept is 226
 drilled hole in interval between
 lanes.

A third sink lies at 150 yds
 South of Sink B



Date , 19 Traverse from to

4

	Distance	Beam Arc or Steps	Product	Rod Correction	Diff. Elev.	H. I.	Elevation
1							
2			Incipient Sink A.				
3							
4			Sinks B+C.				
5							
6							
7			Diam of A 120' Cracks				
8			at center point depth is				
9			20' ? Sink B is				
10							
11			60' SW of Sink A.				
12							
13			Sink B is 60' wide - 10'				
14			deep - Fresh water in bottom				
15							
16			Sink D 10' diam - 5'				
17			deep in direct SW line				
18			w A+B - near rim of				
19			B - New grass chds				
20			in bottom still fresh				
21							
22			Sink C ± 150' diam				
23			15' deep old sink -				
24			(may be abundant first sink found)				
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an pasture. Smiles
 A B + D not present
 when seismic done last
 year? Distance sink
 B to C 1204 ft.

Mileage is 81.85 at lock.

W.R. Stovs - St Hwy Dist
 Barton.

Coe test 40-50'
 in Hawthorn.

H.P. Hankard Soils Eng
 Bldg Hwy Dist Barton

B.C. Simpson Dist Dist Eng

5

Date , 19 Traverse from to

	Distance	Beam Arc or Steps	Product	Rod Correction	Diff. Elev.	H. I.	Elevation
1	1.47"		Rain in Barton				
2	June 1st		P.M. (after dark)				
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City of Barton:
 Richard Manor Vine Crest
 84

Dwelling at 720
 Cannot collapse on side
 next to Dwelling at 730

Where house is slumped
 into sink - See photo

Tree mounted rig drilling
 in front yard of dwelling
 at #725

1/4 1/4 acrey hole coed
 to depth of 37' + 39'
 respectively - Rig working in
 Occidental

Present Asst City Eng
 + John Shreding + Jim Bunnagay
 Cool Occident

Pinecrest runs WNW to ESE
 Trend of drilling is NW-SE

Bore of Pine Valley TD 30 1/2'
 at #715 Pinecrest
 Mudstone of further

Photo of drainage ditch
 at Steward St No black
 iron stained soil in 4' zone
 aquates w/ test core zone
 at 8' in well? Many
 indicate previous water level
 immediately overlies Pine Valley
 Clay

Area of Forest where trees
 were filled w/ sand on the way

Date , 19 Traverse from to

6

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Obs further collapse of sand
 3' deep edge cracked
 ready for further collapse
 Roll #4 1-6 in
 Richmond Manor

Joaquín Fernández



7

Date , 19 Traverse from to

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Jan 28 - Wed
 3:00 PM to Elda
 Mc Cullogh Oil Test

Richland Drive -
depression in street opposite
#1335 RD White.

A neighboring household reports
street has been filled in
several times in past 10 yrs.

Similar depression in
street opposite East
end of 545 Bear
Creek Drive (Tee Tones)
residence.

Another street depression ~~at~~
opposite 720 Shady Lane
Henry Davis. Across street
L. E. Rhumbaugh (705
Shady Lane).

8

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Bob M. T. P.

OL 7-72440

oldfield. 657-2440
Henderson Room 9

OP 4-1811

Distance	Beamman Arc or Steps	Product	Rod Correction	Dif. Elev.	H. I.	Elevation
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Date , 19 Traverse from to

Ft Meade - Near
 Lake Buffum Baptist
 Church - Sink Tell
 in 50' Wide in
 road.

Rt 98 at Ft Meade
 turn left off Rt
 98 at James Road
 about 3 Miles

Distance	Beam Arc or Steps	Product	Rod Correction	Diff. Elev.	H. I.	Elevation
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50

to

Traverse from

, 19

Date

Approx 3.8 Mile
 West along highway 82
 from its junction w/ hwy
 29. South side of road
 in pasture. Approx 4" pipe
 flowing water about 3' high
 sulfur odor apparent from
 hwy. Check for valve.

Mc Cullough #1 Collier
 10 850'.

Jack Henderson

6:30 P M Tuesday

Mileage. 61.639

Turn left at Highland
Lounge - on State Rd -
go about 3 miles -
Hill w/ white house
on left - down side (east)
of hill.

10' deep x 25' wide
at front
35' wide x 75' deep.

Tell in 2 1/2 - 3 months ago.

Jerry Caber

Rt

State of Florida
— UNITED STATES —
Department of the Interior

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Florida Bd of
Conservation

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Bureau

Washington 25, D.C.

