

128

Sohn

Oct 1981

Aug 1977

July 1979

United States Department of the Interior—GEOLOGICAL SURVEY

SURVEY OF THE

Trail

In charge.

No. 10/29/98 Name { Field: Determined:

LOCALITY:

Pride 5h. If not  
Camp or west coll. 10/30  
ask Woody for sample

Collector:

Date:

Memoranda:

Notebook:

Page:



United States Department of the Interior—GEOLOGICAL SURVEY

**SURVEY OF THE**

*In charge.*

<b>No.</b> 10/29/8	<b>Name</b>	<b>Field:</b>
		<b>Determined:</b>

**LOCALITY:**

*Barnwell Mary*  
*for sac without label*  
*same loc. 10/29/6.*

**Collector:**

**Date:**

**Memoranda:**

**Notebook:**

**Page:**



Oct. 29, 1981 GSA Field Trip 4  
Guidebook pp. 153-257

Arrived Bluefield Oct. 28.

Start Braemar  W. Va. Geol. Map.

10/29/1 Stop 1 unit 13 Marine  
12984-PC.

10/29/2 Stop 1 unit 17, halfway up  
the member - Braemar -  
shallow water, snails, algae

10/29/3 Stop 2 unit 11 Virginia  
Basal Braemar - non Marine  
12985-PC # Stop 1 unit 13 Nonmarine A

10/29/4 Stop 2; 5ft above base unit 18  
Marine Braemar

10/29/5 Unscheduled stop 22.3 mile

Braemar member # 26780-PC  
6-8" ls. ledge Total Cr.

10/29/6 Across valley from Gannett  
Drill hole unscheduled stop

12981-PC Basal Braemar District  
Cove locality

10/29/7 Upper str. member 4202  
Hinton, Terry Log above Auto  
Co. road. Camp Creek Church

10/29/8 This is type 8 - 16 bag - label  
it is Braemar - / pride str. marine  
Camp at 2000' informal stop

↑ No Colln. - Ask Woody for sample



Oct. 30, 1981

10/30/1 Stop 7 shale below  
Little Stone Gap LS. - Mem

10/30/2 Little Stone Gap Member  
stop 7  
LS & weathered clay  
No ostr. disc.

10/30/3 Stop 7 Shale near top  
of Little Stone Gap LS. Member.

10/30/4 Stop 8 Shale near top  
No ostr. 7. Barnwell (Marine Tidal Creek)  
check for fossils. Woody has  
better coll. Get from Woody

10/30/5 Stop 8 Shale base of Barnwell  
Fresh water?  
12982-PC

10/30/6 Stop 8 base of Barnwell &  
12983-PC little up ditch in ditch 35' ±  
up hill  
Ky GRAHAM □

10/30/7 STOP 2 located NW 1/4 □  
No ostr. here ES Ky Spring Field Conference 1971  
Fenn and Herrick Model  
Pennington here LS & shale is Chesterian  
according to Rexroad's gongolites  
Basal Pennington shale  
H2O2 - QO

10/30/8 Pennington LS  
Crush

write to leader for upper shale



Oct. 31, 1981 GSA Field Trip Kentucky

10/31/1 England, 1976 Geol. Map  
Graham St  
Hartinsburg Sh. Stop. 3

10/31/2 Stop 3 shale top of Pennsylvanian  
≠ early Pennsylvanian A of late Vesper  
or Bluefield

10/31/3 Stop 4 (p. 23)  
Barnes dis<sup>1</sup> weathered Miss. sh. Penns.  
Breathitt Shale  
2 ft above base over bed

10/31/4 Lower Dark shale of  
Pennsylvanian - transition with  
Glen Dean below 1 1/2' ± between  
LS.

10/31/5 Stop 5 No Sample  
Stop 6  
shale in Cave Branch Member  
Dietrich of Newman ls. p. 23

10/31/6 Stop 7  
up Badless Plank a Vandy, etc.  
Thinning due to deposition  
solution and evaporation in Newman  
covered all the Barnes sequence  
all thin. No colln.

Stop 8 No colln

10/29	7	8
10/30	7	6
10/31	5	



Nov. 1, 1981

GSA Field Trip - Kentucky

11/1/81 Stop 9

Breathitt above, coal seam  
Upper Member above  
The Lee" according to leader  
"Marion"

11/12/81 Stop 13

No ostr.  
DTS.

Nada Member, Borden fm  
fossiliferous sh & ls.  
"Osage"  
Prodelta deposit



Aug. 5, 1977

page 1

Mississippian - Pennsylvanian  
Boundary NE Oklahoma &  
NW Arkansas  
Aug 5-7

✓ 8-5-77-1 - stop 1 <sup>Van Buren</sup> ~~Sevier~~ Co. Ark.  
12950-PC Peyton Cr. section  
ost. poorly preserved

① Shale in Pitkin 1st  
break above rd. 1' shaly  
hard pieces from overlying  
ls. Unit 3 stop 1

✓ 8-5-77-2 1" ± shale same as  
"0" in sec. "Intro"

✓ 8-5-77-3  $\frac{1}{2}$ " below marker bed 20  
12951-PC about 6"

✓ 8-5-77-4 below marker bed 22, 6" ± shale  
12952-PC (Phyllocarid by Dutro in Kleene)

✓ 8-5-77-5 6" below and 3" above  
12953-PC marker bed 3

✓ 8-5-77-6 Mud mound Pitkin at 48.5 mile  
of log. weathered stuff



~~xxx 50 ft.~~  
~~8/5/7~~



Aug. 5, 1977

page 2

stop. 2  
✓ 8-5-77-7 Weathered Pitkin on  
Top of Mud Mound (Plastic Bag)

stop. 3  
✓ 8-5-77-8 Top foot of Manges coll.

✓ 8-5-77-9 1' bet 2 nodules 5' above base.  
Lost my hammer

stop. 4  
✓ 8-5-77-10 Bed 17 sh.  
12954-PC v.B took core about 2' 16

✓ 8/5/77/11 Bed 15 sh.  
12955-PC

stop 5  
✓ 8/5/77/12 Upper Fayetteville  
12956-PC just below Pitkin cgl.  
about 1' of Pitkin here.



Aug. 6, 1977

p. 1

✓ 8/6/77-1 4' up unit 8 stop 6B  
barren

✓ 8/6/77-2 stop 6B unit 11 top 6"  
barren Basal Brentwood

✓ 8/6/77-3

No ostr.  
discard

stop 6C  
unit 24,  $\frac{1}{2}$ " clay seam  
2'± above base of Kessler  
(in little plastic bag) with  
pocket knife as scrap

✓ 8-6-4

Unscheduled stop  
sh. see log.

stop 7

✓ 8-6-5

barren

clay shale in trench  
above 3.7

✓ 8-6-6

stop 8

Bed 9 shale  
12957-R across Ft. Chickamauga  
just below road



Aug. 6, 1977

p. 2

Stop 9  
Bed 9, top 6"  
✓ 8/6/7 } Brentwood equivalent  
Banner }  
✓ 8/6/8 } Bed 6 in Quarry Flap  
12958-PC above Gordon's call

Stop 10  
8/6/9 show same sec. as Stop 9

Stop 11  
show megafossils



Aug. 7, 1977

p. 1

12959-PC Stop 12  
8/7/1- sh. 10'-12' above  
8/7/2 Fayette - Pitkin contact

Stop 13 3" shale

5" 2' ls

10' shale

Pitkin  
contact  
Fayette

(#5 by Pat's  
students  
couple doing thesis)

8/7-2

8/7-3

Kansas  
Humboldt  
1 mile NE of Humboldt  
quarry  
Stanton? Pen



Yugoslavia

July 22, 1979

7/22/79-1 — Devoull

7/22/79-2 M. Miocene p. 19

7/22/79-3 p. 23 clay intercalated

7/22/79-4 p. 23 sand

7/25/1 first stop

7/25/2 stop 2