

W. H. ...
City of ...
...

WELLWORTH

*Well samples
keep*



STENOGRAPHER'S
NOTE BOOK

BOOK No. _____



From _____ To _____



8666

Vic Rakowski #7

Washington Co.

Samples - 15-237'

15-225 Res 70-95%

Dull wh, lt gy, and buff rough ch;
Lower 25' contains smooth wh &
waxy medium-gray ch. It gy to blk gy fragments

230 Res 60%

It gy & smoky gy sm ch; some
lt. gy dull ch; some ~~to~~ lt gy
to cr f-green to f-llh ls with
two pink xlls; mag ls^{3'} St Fo; pyrite

237 Res 80% Blk ch

Orig has trace lt br-gy to
lt gy f-green ls; crin xlls;
silty

Blk f-mic ch; pyrite

TD 237'

9801 - City of Yellville -
Main Cr
Soyles 35 - 755'
35 - 275 on log

280 Res 20%

wh & cr porous to v.f. dolomitic
silicea; trace ~~in~~ f dolomitic wh
sm ch; trace lt br waxy ch;
trace f-m ^{argillite} sd 0; qty x lls trace
blk sh

285 Res 10%

As above but slightly more sand 00

290 Res 7%

Wh f. porous to v.f. dolomitic silicea
(1/2 of Res); f-m N & fr sd =; trace
blk sh; qty x lls; trace sm
lt gy to lt br ch

290-300 Res 15%

Lt br-gy siliceous f-m sd &
sdy ch; trace lt gy & lt br
sm ch.

#9801

305 Res 45%

lt br-gy silty porous to earthy
silt

310 Res 35%

as above & trace lt gy to lt br^{an} ch

315 Res 35%

wh, cr, & lt br sm ch with
scattered f-m dolocasts; 50% clear
and x ltr gtz.

320 Res 40%

Large clear gtz masses and large
quartz x.lls; lt br f-porous
brittle silica; dk br waxy ch;
v f siliceous sd =

325 Res 15%

Cr - lt gy f-porous to v.f.
dolocastic silica; fine siliceous
sand = Clear gtz masses and
gtz x.lls; dk br waxy ch

#9801

330 Res 25%

wh to cr, m-dolomitic ch iwh
to lt gy sm ch; trace f-sd;
trace gtz xlls

335 Res 40%

as above but more f-sd = and
trace dk gy sh

340 Res 40%

cr $\frac{1}{2}$ sm ch; cr & wh m-dolomitic
ch; trace f-sd o o

345 Res 15%

cr - v open f $\frac{m}{1}$ dolomitic ch
cr to smoky gy sm ch
trace f-sd o o; large gtz xlls.

350 Res 20%

Blk sh --; lt brown
f-prone silty looking silica; trace
wh & cr f-m dolomitic ch; trace
lt gy & br sm ch; gtz xlls

#9801

355 - Res 3%

cr to med. br ~~g~~ porous to f
dolomitic silica; trace blk ch;
trace cr sm ch; gtz xlls

360 Res 30%

It br to smoky gy sm ch
Trace cr porous to f-dolomitic
silica; f-m ^{1st} rd - ; gtz xlls

365 Res 30%

It gy to cr - porous to v f dolomitic
silica ^{Hoy's} 17 br tunnel ~~ch~~ at oil ch
many fine cr - lt br rough gtzose
oil; gtz xlls.

370 - Res 20%

cr to lt br porous to f-dolomitic
silica; lt gy at oil ch; gtz xlls
free cr rough oil

375 Res 15%

It gy - cr f porous to v f. dolomitic
silica; trace dk gy ch; gtz xlls
f-m rd ch at oo;

#9801

380 Res - 10%

cr f-goums to m-dolomitic
silica; clear gtz; f-m ad. f. ad. o.
two lt gy sm ch; two blk sh

385 Res - 15%

f-m siliceous sd (som rd. f. ad. o.) = = tr
lt br sty ch; cr f-goums to
f-dolomitic silica; ^{tray} with sm c-dolomitic
ch;

390 Res 25%

Lt gy c-dolomitic ch ^{75%}; ^{slabs} cry sm ch;
two blk sh

395 Res 25%

as above

400 Res 15%

Lt gy + lt br sm ch; two wh
m-dolomitic ch; gtz masses of xlls;
two f. sd.

9801

405 - Res 20%
as above

410 - Res 60%

Buff - lt br - gy - f. granular earthy
silt or silt - soft. trace brgy
sm ch

415 - Res 65%

as above & trace dull gy sdy ch

420 Res - 60%

as above but no sdy ch

425 Res 45%

as above sh more granular ^{& f. dylocastic} trace

sdg dull ch

JC 77
Rock 1

430 Res 20%

dull lt br f. dylocastic ch - brittle,
dk br tonalool ch; f. in sd sh
6 in part 00; gty x 110

#9801

435 Res 25%

As above sl more sd -

440 Res 20%

Lt br dull granous soft silica or
silt; dk br owl ch - oolites
darker than background. Trans blk sh

445 Res 8%

cr to med br ^{dull} f-m dolomitic ch
trans lt gy sm ch; pyrite

450 Res 15%

f-m siliceous sd & clear
trans sdy ch; cr sm to sb
sdy ch,

455 Res 10%

Dull lt br f. dolomitic silica
Med gy sm ch; f-m siliceous sd
& clear sdy ch -

9801

460 Res 35%

wh to lt gy sm m-dolomitic ch'
lt gy sm ch; f-siliceous sd

~~470~~ 465 Res 30%

as above

470 Res 35%

cr-lt br sl & sil sm ch; wh to
lt gy sm m-c dolomitic ch;
f-m siliceous sd; gtz xlls

475 Res 35%

lt gy to lt br or sm sd ch'
wh to lt gy sm m-c dolomitic ch'
f-m siliceous sd

480 Res 20%

as above pyrite; gtz xlls

485 Res 25%

cr-f. gous & f dolomitic ch'; wh
to lt gy m-c dolomitic ch';
trace m-gy sm ch; trace f-sd; trace lt ch

#7801

490 Res 40%

lt br-gy, dull f-gorous silica
dull^m sdy ch;

490.-500 Res 30%

wh f-gorous silica
trace m-gy sm ch; two gtz xlls

505 Res - 10%

wh f-gorous to f-dolomitic silica;
lt gy sdy ch; f-sm rd p f s sl =;
gtz xlls and masses

510 10% Res

as above

515 Res 30%

wh f-sm dolomitic ch; gtz xlls
and masses; two Hg lt br sm ch

520 Res 20%

as above 50% char gtz & xlls.

#9801

525 - Res 25%

Wh f- drhcostru ch; qtz, ϵ qtz
xlls; lt gy sm ch

530 Res 25%

as above

535 Res 30%

Qtz xlls, masses of cr glaze ch, 150?
lt gy sm ch; pyrite

540 Res 25%

as above

545 Res 20%

as above - two f-m r of r ad, 100
two ltk sh,

550 Res 25%

as above two cr vol ch; sm
ltk sh;

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555 Res 20%

Abundant qtz xlls and qtz masses;
Cr v.f. doleritic silica; much
pyrite; fine-m bright sd, 100
trace m-gy sm ch

560 Res 15%

f-m bright sd —, qtz xlls,
much pyrite; lt br to cr f
doleritic ch

565 Res 30%

Dull m-br f-doleritic ch
much pyrite; trace f. sd 100;
qtz xlls,

570 Res 25%

Br-gy sm ch; cr to lt gy
m-doleritic ch; qtz xlls & qtz
masses; pyrite

575 Res 20%

as above

#7801

580 - 25% Res

Cr to lt br sl ool. sm ch
cr f. dolomitic ch; much
pyrite, trace f- sd oo
qtz xlls

585 - Res 15%

as above

590 - Res - 10%

Lt br-gy silty looking fissures
to f. dolomitic silica. Lt br
sl ool ch; f-m rd & f- sd
pyrite

595 Res 20%

Cr to lt br sm sh; wh sm
sl m-dolomitic ch ^{very} + br
fissures silica, two in rd & f- sd
qtz xlls; much pyrite

600 Res 20%

as above

9801

605 Res 20%

as above - blk sh ch is sl sty

610 Res 15%

It br silty looking & porous
to earthy with a silica soft;
f-m siliceous angular sd -
qtz xls; trace br sm ch

615 Res 20%

It br porous to v f dolomitic
silica; large qtz masses & qtz
xls; pyrite

620 Res 8%

as above & trace blk sh

625 Res 30%

It br & smoky gy sm trend
sl ool ch; qtz, xls, pyrite

9801

630 Res - 35%

Lt gy to br gy ^{gm} sl red ch; some g₂ x₁ls

635 Res 35%

as above

640 Res - 15%

cr - lt gy sm ch; g₂ x₁ls, pyrite

645 Res 11%

as above

650 Res 30%

cr earthy to fibrous silica
sandy gy trond ch

655 Res 55%

as above & g₂ x₁ls

660 Res 55%

Lt br - gy v.f. dolomitic silica
trace of br - gy trond ch.

980/

665 Res 40%

as above of trace f-m sd of lt
gy sdy ch →

670 Res 45%

as above

675 Res 25%

wh of lt h-gy f-porous t vt
dolomitic silica trace wh - lt h sm ch
trace vt - m sd⁰⁰ - gtn xlls

675-700 Res 60%

lt gy^{or} earthy t f-porous silica
trace m-h waxy ch; trace gtn xlls

705 - Res 20%

lt h-gy tural sdy ch; f-m
sd rd 55% in part; gtn xlls
much pyrite

710 Res 30%

a t v llt h f-dolomitic silica
Pyrite; gtn xlls; saw f-m sd gr o

#9801

715 - Res 25%

as above

720 - 40% Res

as above & trace lt gy sm ch

725 Res 70%

Buff to lt br-gy f. doleritic silica

730 Res 40%

lt br-gy sm ch; much pyrite

735 Res 35%

as above & cr m-doleritic ch;
trace m-sd gas 0

740 Res 45%

cr & lt gy trend ch; cr
m-doleritic ch; much pyrite
trace m-sd gas - gtr xls

9801

743 Res 45%

As above

750 Res 40%

wh earthy to f-porous silica
true pyrite

755 Res 45%

Cr to lt-gy sm ch; a sm
m-dolomitic ch; qtz - xls;
much pyrite; two f-m sd.

79947

Studied

Cecil Barnes

Boone Co 571

Samples 40-560'

Orig 40-135' only

No bottom limit given
but 3' samples

40-45 Res 10%

Cr to junk f-gran crin ls
Res lt gy to cr transl ch

50 Res 20%

Lt gy f-gran ls; crin
Res Lt gy sm ch w/ crin impression

55 Res 30%

Lt gy f-gran ls;
Res Lt gy sm transl ch, ^{thin} cream
earthy ch.

60 Res ~~30~~ 25%

Cr to lt gy f-gran ls
Res Lt gy transl ch; coal rough
ch; crin impression

65 Res 20%

Cr to lt gy f-gran crin ls
Res as above

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70 Res 20%

It gy f-gran ~~at~~ ls
Med-gy trans ch; cum
rough ch

75 Res 25%

It gy f-gran ls
Res as above

80 Res 10%

Cr f-gran cum ls
It gy trans waxy ch; Cr rough ch

85 Res 5%

Cr f-gran cum ls
It gy trans ch; pyrite

90 Res trace

Cr to lt. gy f-gran to S-x/ls ls
some pink cum x/ls

Res pyrite & trace lt gy ch (slurry?)
trace black rd & S rd gra o

95 Res trace

as above

#9947

110 Res trace

Wh to cr f-gran to S-xlln ^{cray} p/s
Res pyrite - trace on sd - rd & fr

105 Res trace

as above -

110 Res 5%

Lt gy to gn - gy f-gran to
f-xlln ls - looks silty
Res blue gn silt, pyrite &
trace on rd of fr sd

115 Res 1%

Cr to sl gn - gy f-gran crin ls
Res pyrite & trace sd

120 Res 3%

Cr f-gran crin ls
Res smoky blue - gy sn ch

125 Res 1%

Cr f-gran ~~blue - gy~~ crin ls; sl silty in part
pyrite & trace smoky blue - gy ch

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130 Res trace

Cr f-gran to f-xlln crs ls
Res pyrit ? trace smoky blue grn ch.

135 Res 75%

trace cr to pink f-gran
crs ls - Probably 2' or 3' of
f-c sd, red f in part but
much secondary growth; trace pyrit.

Res only

140 Res 30%

Mid sd with much secondary growth
trace cr & milky wh sm ch
wh rough ch & blue-grn sh

145 Res 10%

Sand as above (slump?)
cr sm ch, wh rough sl detrital
ch trace blue-grn sh

150 Res 2%

sand as above

wh sm, rough, and sl detrital
ch - trace blue-grn sh

9947

155 Res Two

Two ~~not~~ med sd (probably shaly)
wh sm to rough ch; trace
blue-gr sh.

160 True Res
ss above

165 Res 25%

cr sm to gyrose v sl ool ch

170 Res 8%

cr sm to gyrose ch; wh chulky
to v f dolomitic ch; trace blue-
gr sh

175 Res 20%

cr ^{trandy} sm ch; lt gy to dark gy silt

180 Res 30%

cr sm to dull ch; 50%
Blue-gr sh

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185 Res 25%

Wh to cr sm to rough ch
trace blue-gr sh

190 Res 30%

Cr dull ch; f-m rd & ls sd =
blue-gr sh

195 Res 10%

Cr dull ch; wh sm to red ch;
blue-gr to dk gr sh; trace
f-m r + f sd 00

200 - 15%

Cr dull ch
trace blue-gr sh - trace f-m rd & ls sd

205 - Res 18%

wh sm ch; wh rough - dull ch
trace clear gl; trace f - sd gr 0;
trace blue-gr sh

9947

210 - Res 3%

Trace wh sm ch; Trace clear gty; f-m
bright sand; trace f-porous silica; pyrite

215 Res 2%

Cr ool ch; fine cr ool ooo
Trace f-sd o; pyrite

220 Res 5%

Clear bright quartz (70%); trace
f-m sd oo; trace wh sm ch.

225 Res 8%

Cr to wh sm ch; Clear bright gty.
f-m sd - rd & fr in part

230 Res 50%

f-m bright sand (about ^{75%}~~50%~~);
Cr basal ool ch; wh sm ch

235 Res 10%

f-m bright sand =; cr sm ch

9947

240 - Res 20%

wh & cr sm ch; blue-gn sh;
f-m sd oo.

245 Res 15%

cr sm ch; wh rough ch; trace f-m
r & fr sd; trace blue-gn sh;

250 Res 5%

as above

255 Res 3%

cr to wh ool to sl sty sm ch.
trace med sd oo.

260 Res 20%

cr sm ch; cr ool ch
cr earthy ch; twy to mass;
pyrite

265 Res 20%

Clear x sty ch w/ f. sd gr;
trace f-to med white sd; trace
cr sm ch & cr ool ch.

9947

270 Res 4%

Bright gtz; wh sm ch; clear
sdy ch; trace of gn & ls sh

275 Res 10%

f-m bright sand - trace clear
sdy ch

280 Res 4%

f-m ~~sd~~ sd; rd & ls in part
trace clear gtz

285 Res 25%

f-m siliceous bright sand

290 Res 20%

f-m bright sand

295 Res 2%

wh vt - dolomitic ~~silt~~ ch
m-gy silt - trace f-m sil

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300 Res 1%

f-m bright sand; clear gtz

305 Res 4%

wh - lt gy sm ch; pyrite,
trace f-sd.

310 Res 1%

traced smoky gy sm ch;
trace bright gtz.

315 Res 1%

lt gy rough, gtyose ch or just gtz
trace cr m-dolomitic sm ch
f-m sd.

320 Res - 20%

f-m sd - rd f-sd m-junk; cr sm
ch; trace cr m-dolomitic ch
trace gy-gn sh; pyrite

9947

325 - Res 5%

f-m sd, rd & fr in part
time wh sm ch; trace or almost gone
strong & porous ch; trace wh
open in dolomitic ch; pyrite

330 - Res 2%

f-m rd & fr sd, ^{thin} clear gts;
trace wh porous silica

335 - Res 1%

f-m rd & fr sd

340 - Res 15%

wh f-porous & earthy silica;
trace f-m rd & fr sd.

345 - Res 15%

wh f-porous silica; 90% —
massive & siliceous v.f. sd & silt;
clear gts & gts xll; trace f-m sd

5329

4280 - R-508

M-gy f-gran ls - thin m-gy
m-xln ls - fossils 2?
R-m - dk br silt

4284 - R-308

M-gy f-gran ls -
R-m - dk br silt - one R gts gr.

4289 - R-208

lt to m-gy f-gran ls - much rot sd
R - vv f sd - thin m-br silt

The end

9947

350 - Res 10%

Lt gy sm. tronal ch; wh porous silica
clear gty & gty fills; trace f-m sd
trace m-gy sh.

355 Res 30%

Lt gy soft earthy silt (or more) 25% -
Smoky gy sm ch; cr ool ch;
dk gy sh; cr f-m sd

360 Res 8%

Cr f-porous silica, smoky gy
sm ch; clear gty masses & xlls;
bright f-m sd

365 Res 15%

wh porous & cherty ch
Lt br sm ch; gty xlls;
trace fine wh ool " " ; pyrite

370 Res 40%

wh f-m & siliceous sd;
trace cr sm ch; pyrite

-5329

4255 R-207

M-gy to br-gy t-gran ls
R- porous earthy m-br silt

4260 = R-207

M-gy t-gran to vt x/l n det
sl dolie ls

R- vt t sd - thin m-br silt

4266 - R- 157

M-dk gy t-gran ls

R- m-br silt - trace vt t sd

4271 - R- 157

as above

4275 - R- 106

M-gy t-gran ls - sl dolie

R- m-br t - dolocasts to porous
silt - trace vt t sd

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375 - 10%

Bright f-m siliceous sd; trace
ch; gts micas; sm cr ch;
jagrite

380 - 10%

f-m siliceous sd (50%)
cr green ch; cr red ch;
jagrite; trace m-gy sh

385 - 4%

f-m siliceous sd - rd, f Sn in part
gts micas f gts xlls; jagrite
trace ~~to~~ gy sh -

390 20%

Blue - gr sh; trace v f sd
cr sm ch

395 - Res - 5%

f-siliceous sd to cr sd; ch
green cr ch; m-gy sh

5329
4225 - R-112

M-gy t-gran ls
R- m-br silt

4230 - R-37

as above

4235 - R-37

M-gy t-gran ls - trace vrt sl
R- vrt sl $\frac{2}{3}$ - m-br silt

4241 - R-37

M-gy t-gran ls & lt gy
t-gran ls w/ vrt sl & mica[?] sh
R- vrt sl $\frac{2}{3}$ & m-dk gy sh

4245 - R-207

M-gy t-gran sl dolom ls
R- m-br earthy silt

4250 - R-107

M-gy t-gran sl ls
R- m-br gypsiferous silt

#9947

400 - Res 10%

br-gy silty siliceous f-sd

405 - Res 15%

lt gy to cr qtzose ch to massive gts; gts
xlls; shaly gy basal ch-ool
in part f-m siliceous sd

410 Res 20%

clay sdy ch; f-m bright sd = =
cr sm ch;

415 Res 10%

f-m siliceous sd; rd i' fr in part
trace lt gy f-m dolomitic ch;
lt gy basal g'cr sm ch; medgy sh.

420 Res - 30%

Med-gy sh to lt gy earthy silt
f-m bright sd = ; trace lt gy sm ch

4190 - R - 20%

m-gy t-granls
R-50-50 vvt sd & m-br silk

4196 - R - 15%

as above

4201 - R - 15%

m-gy t-granls
R- m-br silk

4206 - R - 25%

as above - trace dkgy sh

4211 - R - 20%

lt gy t-granls w/ vvt sd
R- vvt sd - trace dkgy t m-gy sh

4216 - R - 5%

m-br-gy t-granls
50-50 vvt sd - m to dkgy sh

4218 - 4221 - R - 5%

m-br-gy t-granls
R- m-br silk

9947

425 - Res 8%

Cr gtzose ch; p-m sd - rd & f in part
- ; # m-gy to blk sh, trace
wt sdy ch;

430 - Res 10%

It l-gy zones silica or silica -
has thin shale streaks - ^{or} p-lk gy
sh; a ^{small} rough ch; trace bright
f - sd o o

435 - Res 4%

as above

440 - Res 15%

cr to lt l-gy zones silt -
blue-gy sh; trace m-dk br
sm ch.

445 Res 8%

as above & ^{trace} clear gtzose ch

53 29

#165 - R - 15%

M - gy t-gran ls

R - m-gy silt

#160 - R - 4%

It & m-gy t-gran ls

R - m-br earthy silt

#174 - R - 15%

as above

#179 - R - 5%

M - lt gy t-gran sl and ls

R - m-br silt

#182 - R - 25%

M - dk gy t-gran ls

M - br silt - how v r t ad

#186 - R - 20%

M - dk gy t-gran ls

R - as above

#

9947

450 - Res 10%

wh v.f. dolocastic ch; lbe-gn sh
trace chn gtz,

455 Res 5%

Gy sm ch; wh m-dolocastic
ch; lbe-gn sh; gtz xlls
trace f-sd.

460 Res 3%

Chn gtzose ch & gtz xlls
It lbe-gy porous to v.f. dolocastic ch
cr sm ch; med-gy sh

465 Res 2%

Cr sm to gtzose ch; gtz xlls
two med-gy sh; trace f-m sh o.

470 Res 10%

It gy to med-gy sm ch
trace cr gtzose ch & gtz xlls
trace dk gy sh.

5329

4141 - R-153

M-gy f-granls

R - m-br silk

4145 - R-57

M-br-gy f-granls

R - m-br silk; dk br silk;

trsd vt + sd; trsd ~~vt~~ jeyrds

4151 - R-159

M-gy f-granls

M-br jeyrons to f dolbrastics

silk (that above is sure); trsd vt + sd

4156 R-57

M-br-gy f-granls

R - m-br f-jeyrons ch-

trace qty - char - jeyrons xlls -

also ^{at base} m-rd & trsd -

4161 R-208

M-gy f-granls

M-br silk - 50 - vt + sd (50)

#9947

475 - Res 10%

cr f-gorous to v.f. dolomitic ch
dk gy sh; lt gy sm ch; clear
qtz xls

480 - Res 15%

wh to lt br-gy porous silica
trace lt gy f or sm ch; qtz xls
v.f.-m siliceous sd o o

485 Res 10%

cr qtzose ch; trace sm-gy sh
qtz xls.

490 Res 25%

lt br-gy sm ch; a dull ch;
two qtz xls; trace f-sd o

495 Res. 30%

sm-gy silt f dk gy sh
lt br-gy sm f dull ch; trace qtz xls
trace f-m sd o

5329

4117 - R - 25%

M-gy silty (vrt sd) 10 - 15 gm
R - wh vrt sd

4120 - R - 10%

M-gy t-gran 10
R - vrt sd - 50% m-br silt
trace clay gtz & llz

4124 - R - 5%

M-gy t-gran 10
M-br silt

4129 - R - 10%

M-br-gy t-gran 15; 17 g
15 w vrt sd -
R - vrt sd & m-br silt

4135 - R - 25%

M-gy t-gran 15 - st dolie
R - m-br silt - trace vrt sd

#9947

500 - Res 15%

as above

505 - Res 10%

clear gtz masses; ^{+ xlls} cr gtzose ch
cr f dolomitic gtzose ch; med-gy
sh; trace f on sd o

510 Res 10%

as above

515 Res 8%

It br f porous silt; dk gy sh;
clear gtz masses, trace cr traces

5C ch; trace bright f on sd o.

Round'

520 Res 8%

Med-br ool ch (ool faintly radial).

It br-gy porous silica - trace
dk gy sh; trace clear gtz

5329

4082 R-20z

4087 M-gy + gran ls

M-br silt - $\frac{1}{2}$ vv test

R-10z

4092 - St & m-gy + gran ls

As above

4097 - R-10z

M-gy + gran ls

R - m-br silt - trace pyrite

& clear gty x1/2

4101 R-8z

M-gy + gran ls

R - m-br silt

4106 - R-15z

as above

4112 - R-10z

M-br - gy + gran ls

R - m-br silt

#9947

525 - Res 20%

f-m siliceous bright sand; (90%)

Lt gy soft porous silica or silt
lt gy basal sm ch; trace dk gy
sh;

530 - Res 10%

f-m bright siliceous sd

lt br-gy soft porous silica or silt
trace m-br sd ch; trace blk sh.

535 Res 10%

dk br f-porous silt.
clear sdy ch.

540 Res 30%

Lt gy v siliceous f-sd to sdy ch.
- looks like gltite.

545 Res 20%

dk gy sh. siliceous sd & clear
sdy ch; trace or sm ch.

5329

3879 - R - 207

M-gy + gran ls
R - m-br silt

3884-88 - R - 207

M-gy + gran ls
R - M-gy silt

3893 - R - 207

M-gy + gran ls
R - vv f - sd - trace m-br
silt.

3898 - R - 257

M-~~silt~~ gy + gran ls - brack
R - m-br silt - vv f sd ($\frac{1}{3}$)

3903 - R - 257

M-br-gy + gran ls
R - vv f sd - br silt ($\frac{1}{3}$)

Break

9947

550 - Res 25%

It gy to a sm ch (90%)
trace of bright sd; pyrite

555 - Res - 30%

as above & trace blk sh

560 Res 8% 20

Clear qtz masses & xlla & a
quartz ch; v. lt br porous
silica; pyrite

565 - Res 8%

as above

571 Res 5%

Cr. v. f. dolocastic ch

It gy sm ch; trace clear sdy ch
med sd gra. rd & fr in part 00
trace blk sh

TD 571'

5329

3855 - R - 407

M-gy to dk gy silty ls -
foss in part - looks like
apiculopods ??? -

R - m - br silt - trace
lt br sm trace ch

3860 - R - 138

M-gy f. gran ls

R - M - br silt - earthy

3865 - R - 237

M-gy + gran silty ls

M-br earthy silt

3870 - R - 207

M-gy + gran ls

R - m - br to dk gy silt

$\frac{2}{3}$ vt + sd - trace lt br trace ch

3875 - R - 107

M - br - gy to gran ls

R - lt br porous silt
trace m - br sm ch

9801
9947
11 642

5138
5139
5147
- 5184

8578
8645
8665
8666
8668

5184
5261
5324
5329

7634
7635
8349
8404
8425
8470
8471
8472
8473
8478

9341
9668
9680
9801
9847

5329 Tennark #1 Martin

35-44 3E

Craighead Co

Get - 3260 - 3892

4088 - 4282

{ 3246

{ 3251 - R-8%

M. br - gy vt xlls to fgrn ls -
Some dolomite as shown by acid -
probably th v.f. xlls part

R - wh silt sized to v f silt sized
qty (sd?) grains - tends to be in
silicious clusters - 50%.

It br - gy dull gran to f -
dolomitic silt or ch - probably ^{silt} th.

3257 - R - 10%

Br - gy f - gran ls - siliceous dol

R - as above + earthy lt br - gy silt or ch

3263 - R - 5%

It - m br - gy vt - gran to do ls - no dol

R - It br - gy earthy silt - 75%.

25% - v f to silt sized qty grains
in clusters

5329

3802 - R-107

M-~~gy~~ t-gran ls

R- vv + sd - It br silty (51-50)

3808 - R-37

M- gy t-gran ls

R-M-br silty - trace a glauk ch

3811 - R-~~337~~ 307.

M- gy t-gran silty (vv+sd) ls ~~ls~~

R- vv + sd

3816 - R-307

M- gy t-gran ls

M-br silty & trace vv + sd

R-407

3821 - M- gy t-gran ls w/
much vv + sd

R- wh vv + sd clusts

3827 - R-107

M-br-gy t-gran ls

R-lt br-gy silty &

507 vv + sd

5329

3269 - R-107

M ~~br~~ br-gy to m-gy - f-grm ls

R - It br gy earthy silt - trace of gtz gr

3275 - R-153

Br-gy to m-gy f-grm to xlls dolie ls

R wh silt sized gtz gr clusters - 30%

It br earthy silt

3281 - R-57

It gy to m-br f-grm ls

oolitic or fusuliferous?? looks like

fairly curved? cross sections of osts,

probably just oolitic

R - wh r f gtz gr clusters 5% -

It gy to sl gr-gy sh -

2 or 3 f-sl grs?

3286 R-87

It to m-br-gy f-grm to xlls

dolie ls

R - silt sized gtz grs; It br

earthy silt; trace dk gy sh

5329

3774 R-59

It is f-gran silty (qty sized with
ls - sl dolie

R- wh vv f sd - m-gy - br silt

3780 R-58

M-br-gy f-gran ls

R- wh vv f sd - dkgy sh

3785 - R-206

It br-gy f-gran ls

R- ~~wh~~ smoky gy to cr
mottled - trace ch; trace
cr quartz ch

3790 - R-106

M-br-gy f-gran ls

R- wh vv f sd - trace ch
as above

3795 R-306

M-gy f-gran ls

as above & m-br silt

3290 - R-152

M-gy vt. x/m thin? dol

R earthy ls silt - wh gty (vt-gr)
trace m-dk gy sl - trace gty granules (slim)

3296 - R-152

as above

3301 - R-102

M-br-gy f-gran to de ls

R - as above f trace transal cr ch

3307 - R-102

Dry as above

R - mostly vt-gty - m-br sh

trace chn gty grs - (c) angular but
polished - slimp? sl trace cr ls and ch.

3314 R-82

Dry as above

R - silt sized gty, m-br sh

50% - f-m rd f tr sd

5329

3753 - R-27

lt gy & m-gy t-gran ls
R - m-ls silt

3758 - R-27

As above

3761 - R-37

lt ls-gy & lt gy t-gran
silty looking ls

R - m-ls + dolomitic silt &
v t gran gty silt

3768 - R-107

M-gy t-gran ls
R - m-ls earthy silt

3771 - R-157

M-gy t-gran ls; lt gy t-gran
ls with silt-sized ftn gra.

R - wh v t gran gty silt - clusters
that look like siliceous v. f. sd.
 $\frac{1}{3}$ m-ls silt

3319 - R-157

M-br -gy v f gran ls - dolie?

R - m-br earthy & v f doloclastic?
silt (70%) - trace f - m sd w/
some granules.

3323 - R-37

~~M-br~~ M-br -gy f - gran ls - dolie?
sl oolitic.

R - m-br v f doloclastic silt 75%
m - dk gy sh; trace f - m sd -
red & frosted - part probably broken
larger grains

3328 - R-37

M-br -gy f - gran ls - dolie?

R - m-br f - doloclastic & porous silt
trace f - m sd - some granule frags
trace on basal ch

3332 - R-47

M - gy f - gran ls - sl dolie in acid

R - as above

5329

3721 - R - 27

It gy & m-gy t-gran ls
R-m-br & dk br silt

3727 - R - 27

It br-gy t-gran ls - It gy
t-gran & m-x/ls ls w/ brachs
R-It br t-dolomite ^{silt} ch; trace
wh vt gran gty silt; cr gty ch

3733 - R - 107

M-br-gy t-gran ls ~~ls~~
R-as above

3739 - R - 207

M-dk gy t-gran & t-x/ls dolc ls
R-m-br vt-gran gty to siltgy
porous nature - probably all silt

3745 - R - 59

M-br-gy t-gran ls
R-m-br silt - to m br ^{am} ch

3749 - R - 27

as above - more m-dk br ch w/ acnt vt dolomite

5321-

3336 - R - 53

M-gy f - green sl dolie ls

R - m-gy to sl blue-gy sh

dull br - gy jarous to + doleritic silt

trace on pyroze ch;

trace t-m sd - chm gty x/ls

3340 R - 37

M-br gy f-green to dr ls

R smooth m-gy (sl bluish) sh

trace on pyroze ch

3345 - R - 22

M-br-gy and f-green ls - oolite on
m-silt and br

R. m-br silt to + doleritic silt

50% f-m sd & br sd - pyrite

3350 - R - 102

M-br f-green to dr ls

R - m-gy (bluish?) sh - m-br

silt - trace f-m sd

5329

3701 - R-207

Lt gy & m-gy t-gran ls

R - Br t-dolomitic silt

3705 - R-208

M-gy t-gran dolie ls w/t silt
that looks like t-x/l's.

R - wh vt gran gtz silt

3708 - R-209

Lt gy & m-br-gy t-gran ls

R-wh vt gran gtz silt $\frac{1}{2}$ -

m-dk br silt; m-br sm ch;
a gtzose ch.

3712 - R-30

M-gy t-gran t vt x/l's dolie ls

R - m-br dolomitic silt -

low a gtzose ch.

3716 - R-47

M-br-gy t-gran ls

M-dk br f-dolomitic silt

5329

3358 - R - 153

M-gy v + x 1/4 ls - sl dolos

R - m-br silt - wh v f gran gty -
sl trace f - rd f r sd

3363 - R - 206

M-gy f-gran ls

R m-br earthy silt

3370 - R - 102

M-br-gy f-gran & ds ls

R - m-br ~~red~~ gn (tr) silt

3375 - R - 89

As above

R - m-br silt; trace translu ch;
sl trace f - m rd f r sd

3380 - R - 46

M-br-gy f-gran ls

R - m-br dull porous f + dolocastic
silt - trace trans & gty w ch

5329

3074 - R-4?

M - lo - gy t-gran to t-x $\frac{1}{2}$ dolio ls

R - Rr t-lobrostric silt;

~~Cryptozoa ch~~ ^{altroce} AC - m sd

3680 R-2?

M - lo - gy t-gran ls; ~~to~~ $\frac{1}{2}$ It

gy t-gran + m^c-x $\frac{1}{2}$ ls w/ brachs.

and probably other fossils - the fossil material may be the x $\frac{1}{2}$ part

R - R-as above; $\frac{1}{2}$ cryptozoa ch

3685 - R-3?

M - gy t-gran ls

M - lo t-lobrostric silt

3690 - R-28

M - gy t-gran 2 vt $\frac{1}{2}$ dolio ls

R - lo t-lobrostric silt; cryptozoa ch

w/ 2 t-gran qtz silt.

3695 - R-3?

1 t-gr to m-gy t-gran ls

R - m - h silt

5329

3386 - R-27

M-gy soil ls - soil abundant - massive
R-m. br to mgys silt
trace cu ~~ls~~ hard ch

3392 - R-38

M-br gy soil + gran ls
R - as above sl trace ~~ls~~ sd

3398 - R-27.

M-br soil (some m some f) + gran ls
R - dk br + dolomitic silt - $\frac{1}{2}$
blk sh ($\frac{1}{4}$) + c rd $\frac{1}{2}$ tr
sd ($\frac{1}{2}$) - cu gray ch

3405 - R-72

M-br-gy + gran ls
R - dk silt and trace blk sh

3408 - R-27

as above

3413 - R-207.

M-gy + gran ls sl f-xlln ls - sl dolie
lt br dull + dolomitic silt -
~~dk~~ m-gy sh - trace hard ch

5329

3645 - R - 47

M-gy + gran ls

R - m-lr silt

3650 - R - 107

M-gy r + x/lr dolie ls

R-vf - gty silt - m-lr silt

3655 - R - 47

M-lr-gy + gran ls - trace miller ls

R - R as above - trace of glaucon to
some ch

3662 - R 17

M-gy + lr-gy + gran ls

R - M-lr + dolomitic silt;

or glaucon ch; thin streak to lvs
gty, x/lr;

3669 R - 77

M-lr-gy + gran ls

R - m-lr lr + dolomitic silt -

trace clear ordinary gty, x/lr

~~545329~~
3419 R-82

m-gy + gran ls
It-m br silt

3424 - R-202

It br-gy vt xlln dolie ls
w/ silt (vt gts)

3429 - R-152

m-gy + gran dolie ls
m-br granose silt

3436 - R-202

m-gy + gran dolie ls
m-br silt

3441 - R-82

m-br-gy + gran ls
R-m-br silt - vt trace cr ch

3447 - R-59

M-gy & m-br-gy + gran ls
R as above

3620 - R-20

M-brigg t-gran vslod ls
R- m-br dull t- doleritic
silt; a gtzose ch to
line v f quartz silt - t m sd
trace -

3625 - R-20

M-gy t m-gy t-gran ls
R - as above

3630 - R-10

M-gy to m-gy v t x // ls doler ls
R - v t gran gtz silt; m-br silt

3635 R-40

M-gy to m-br-gy t-gran ls
R - as above and trace en gtzose ch

3640 - R-37

M-gy " to m-br-gy t-gran ls
Trace m-xls br-gy ls (fossil ls??)
R - m-br gran t t- doleritic silt

5329

3453 - R - 27

M - br - gy t - gran ls

R - m - br silt - $\frac{1}{3}$

cr. gtzose to basal ch

trace f - m sd - long long gtzose

3458 - R - 87

It br - gy t m - br - gy wt. x 1/4

sdic ls - ^{clear calcite x 1/2} long br long sd

R - wh vt gran gtzose silt

$\frac{1}{3}$ m - br silt

3462 - R - 207

Orig as above

R - as above

3467 - R - 37

M - gy t - gran ls

R - m - gy - br silt

3473 - R - 57

M - gy t - gran ls

R - m - br silt

trace a gtzose ch

5329

3605 - R - 37

M-br-gy + gran dol

R - m-br + previous to +
dolomitic silt; ~~to~~ $\frac{1}{3}$ quartz
in ch; otherwise + m rd, & a rd

3609 - R - 37

It gy + m-br-gy + gran ls

R - M-br + dolomitic silt
in quartz ch

3614 - R - 27

M-br-gy + gran to ds ls

R - as above $\frac{1}{3}$ dk gy sh $\frac{1}{2}$

3618 - R - 17 -

M-br-gy + gran ls

R - m-br gran + f-dolomitic ch silt
in quartz ch $\frac{1}{3}$; f-c no & tr
sd - may be some granula

(fossil fragments in this sample -
look like brach. ? & ant. sd ???)

5329

3479

R-58

M-be-gy t-gran l₁
R-m-be v+delocata te jorvus silt
tue ce ptye ok

3486 - R-47

de above

3472 - R-82

M-gy t-gran ~~l₁~~ l₃
R-m-be jorvus v+ delocata silt
tue v.t. gty gr

3498 - R-38

M-gy v m be-gy t-gran l₃
R-M-be jorvus silt

3505 R-202

M-gy t-gran l₃
R-17 be-gy silt

3511 - R-208

M-gy t-gran v+ v+ll n deloc l₃
R-wh v+gran gty silt -
tue be silt

5327

3570 - R - 133

as above

R - wh vt grass gty silk

M - br silk

3576 - R - 33

M - br gy + grass ls

M - br silk

3581 - R - 42

M - br gy + grass ls

M - br silk

3588 - R - 22

St - m br gy + grass ls

M - br porous - l vt below water silk

trace on sn to gtyr ch

3594 - R - 22 - as above

3600 - R - 57

M - gy vt x/m + grass dolic ls

R - as above

5327

3516 - R-57

M-gy + gran & t-x//n dolie ls
R-m-br silt

3522 - R-27

M-br-gy sand t-gran ls
R-m-br silt - vsb limsfnd

3527 - R-57

M-gy t-gran & t-x//n dolie ls
R-m-br silt

3532 - R-27

M-br-gy sand t-gran ls
R-m-br joints & t doleretic silt.
lt gy sh; lt br geyser ch

3535 - R-27

as above

3537 - R-37

M-br-gy t-gran ls
R-lt br silt

53 29

3542 - R-53

M-gy f-gran + vt-xll in sd dol
ls (acid shows ^{traces} little dol)

R - m-br silt

3547 - R-27

M-br-gy f-gran sd ls

R - m-br^{gy} silt or sh -

to f-sd & fr sd

3552 - R-57

M-br-gy f-gran ls

R - m-br silt

3558 - R-107

M-gy f-gran ls

M-br silt

3564 - R-102

M-gy to m-br-gy + vt-xll in dol
ls or limy dol -

R - M-br silt -

trace with f-gy silt