

Orig time &  
sample description

#1 Copeland

26-20-25w

33

Heckner  
3791

3800

Lansing  
3830

3900

ls. grey dense  
ls. wh. chky. fossiliferous  
no p

sh dk. gry  
mostly ls  
wh to buff dense  
some v. sh. interstratified

ls. gry dense

missing samples

ls. oolitic  
no p

sh dk gry fissile

sh blk, ls a/a

ls oolitic  
no p

ls oolitic some  
slight oolitic  
sh blk no show

ls oolitic some p  
no show  
sh blk to dk grey

ls wh oolitic to  
buff dense no p  
some red siltstone

ls wh to grey  
dense

ls a/a  
sh dk gry

a/a

sh blk black  
ls a/a

a/a w/ some  
wh chky ls. w/ fls.  
some sli. p

a/a

some oolitic w/ sh.  
oolitic  
faint fls & cot

ls wh to buff  
dense

ls a/a

ls wh chky  
+ ls wh + gry  
x fine dense

a/a above

ls wh chky  
no visible p  
+ ls. dense

ls. a/a

ls a/a  
+ sh gry blk

ls. a/a



4200

Marmaton  
4214 sample

4300 Pawnee

Cherokee  
4384

4400

DST  
#3

ls wh. chky

ls wh chky  
+ brown, dense  
some red-brown  
siltstone + grey sh.  
ls a/a

ls a/a

ls grey brown  
dense  
sh grey

ls a/a sh grey blk

a/a

ls wh  
dense to chky

ls wh + buff  
mostly dense

ls chky wh  
flor faint  
fine micaceous porosity

ls wh mostly  
dense

ls a/a

a/a

sh dk grey  
ls wh to buff to  
grey, mostly dense  
some red siltstone  
ls some maroon  
sh grey fissile  
some red siltstone  
ls grey mostly dense

a/a w/ more  
grey sh  
+ more blk carb. sh

ls buff  
mostly blk  
carb. sh.

sh grey  
ls a/a

mostly dk grey sh  
some ls. dense

ls grey shly to  
chky no  $\phi$

ls sh a/a

ls sh a/a

ls. some dense brown  
w/ flor.  
no vis.  $\phi$

sh grn + grey  
ls a/a  
chert tan fresh

ls, sh. a/a  
some grn. sh.

tan + grey ls  
dense

ls a/a  
some chert

Cherokee  
4384

ls grey shly to  
chky no  $\phi$

ls sh q/a

ls sh q/a

4400

ls. some dense brn.  
w/ flor.  
no vis.  $\phi$

sh grnd gry.

ls q/a

chert tan fresh

ls, sh. q/a

some gen. str.

DST

#3

tan grey ls  
denser

ls q/a

some chert

- binding

ls q/a chrt a/a  
no dolomite yet

Misc  
4449

4462 - 15 min chert, some  
some dolo, ls.

30 min. look below

45 vis

much sh 9.7 wt

dk gry

some dolo 12 wt

fair odor

succinic dolomite

no vuggy  $\phi$  good odor

fair  $\phi$  some w/ stain, flor

some wet - no stain

dolo a/a

v. little str or odor

4500

dolo wh. succinic  
wet

4467 30 min sample

sl. more dolo

v. fn succinic

w/ vugs

fair flor. & chert

sl. odor & str

4467 45 min sample

much better odor

time to succinic

dolo some vuggy

porosity w/ gd stain

odor, flor. & chert

4467 - 1 hr. sample

more dolo. q/a

better odor