

- 9312-18 | tan, v. calcy, hard, porous, v. vuggy dol w/ scatt. pockets of clear Crystals. Anh
- 9318-20 | brown gray mottled, mung hard, fairly dense dol w/ scatt. lg & small vugs. Scatt. lenses v. clear pockets of clear Crystals. Anh
- 9320-30 | N.S.
- 9330-33 | lt brn, mung, hard, light dense dol matrix w/ abundant calc. Calc is mottled w/ calc. lt tan, chy areas. There is major amt. of repl. of calc + matrix by clear Crystals. Anh
- 9333-44 | N.S.
- 9341-50 | do but lt tan chy areas are more abundant & there are fewer calc.
- 9350-56 | N.S.
- 9356-60 | lt tan, mung, md, porous, v. highly, dol dol w/ scatt. repl. by clear Crystals. Anh. Disseminated brn, mung dol also
- 9360-65 | N.S.
- 9365-71 | lt gray, mung soft, porous, Arg dol w/ areas that are completely anhyd (gray Crystals. Anh) or areas that are darker gray, mung & anhyd. Contains relict fss. material that has been replcd. by Anh
- 9371-72 | lt buff, mung hard, tight, dense dol w/ abundant repl. of relict fss material by clear-brn, C-F Crystals. Anh.
- 9372-76 | N.S.
- 9376-78 | lt brn, v. calcy, hard, porous dol w/ abundant lg vugs. Is mottled w/ mung, lt tan, solid patches. Has scatt. repl. by clear-brn, Crystals. Anh
- 9378-88 | N.S.
- 9388 | Gray, v. calcy, hard, porous v. vuggy, chy dol. Has v. abundant relict calc & fss frags.

9396 | lt grey, med fairly hard, dense, slightly arg, dolc ls

9397-08 | N.S.

9403-05 | lt grey, med, hard, dense, arg, dolc ls

9405-07 | lt grey, med, hard, fairly dense, arg, slightly chy dol w/ lower irregular areas that are less chy & darker grey. Scarce rept by clear f-c crystals and

9407-10 | N.S.

9410-21 | lt grey, med, fairly hard, porous, chy, light vuggy dol w/ lenses & irregular areas of lt grey, med, hard, light, dense but vuggy dol

9410-27 F | lt grey, med, fairly hard, porous, chy-arg, vuggy dol w/ scarce pods of clear, crystals and

9410-27 E | lt grey, med, fairly hard, fairly dense, slightly arg, dol w/ stringers of the same dol but it is fossils. Also some lt grey stringers.

9410-27 W | buff, v. fairly hard, porous, vuggy dol w/ a few thin fine nodules of fossils filled w/ fossils. Many vugs & other areas rept by clear crystals and Tr. blk. carb material

9427-29 | Crmy, med, med, porous, chy, foss ls w/ diss. & v. abund bny, fossils dol

9429-32 | tan, v. fairly hard, porous, vuggy dol w/ lenses & pockets of clay, crystals, and

9432-40 | lt bny, v. fairly hard, porous, arg, slightly chy dol w/ several darker bny, irregular arg stringers

9440-41 | brown, mottled, med, hard and

9441-44 | N.S.

9444-46 | V, V thinly & irregularly bedded blk, soft, fissile sh & lt grey, soft, med, porous dol

9446-52c | tan, v. fairly hard, porous, arg, v. vuggy dol w/ numerous, scarce, pods of clear, crystals and

9446-52d | Med, med, soft, dense, v. arg dol

9455-58 | lt gray, soft, porous, foss ch w tr. clear, fossils Anh

9458-64 | Cray, soft, porous, highly foss ch w diss. clear fossils Anh. Clear, Crystals Anh  
replaces some foss frags.

9464-68 | lt gray, blocky, dense, soft, highly calc sh

9468-71 | lt gray, v. fossil, soft, porous, v. highly arg dol w widely scatt pods of clear fossils Anh

9471-74 | N.S.

9474-75 | lt gray, micro, hard, dense, v. arg dol w abundant repl by blk brng fossils Anh

9475-85 | N.S.

9485-91 | lt tan, micro, soft, porous, ch, slightly vuggy dol w lt gray arg streaks.

9491-02 | N.S.

9502-03 | lt gray, micro, soft, porous, v. arg, base dol w scatt. nodules of blk gray fossils  
Anh

9503-25 | N.S.

9525-33 | M-brng crypto, hard, tight, dense ls

9533-39 | Cray + lt gray, mottled, f-micro hard, v. porous, vuggy dol w scatt repl by wh-clear fossils  
Anh

9539-44 | M-brng, micro, hard, dense, slightly arg dol w scatt small vugs

9544-47 | Cray, soft, porous, foss ch w many crystalline of blk carb material

9547-60 H | Cray, v. soft, porous, pure ch w scatt. xials of clear fossils dol.

9548 | Cray, porous, soft, foss, dolc, v. slightly arg ch

9561 | Cray, porous, v. soft, v. foss, dolc ch. Dol is clear, embedded fossils.

9567 | do v little dol

9569-72 | buff, micro, v. porous ch, fossils w scatt. repl. by clear fossils Anh. Has several

9572-73 | Crny, ind, porous, v chly, micro, ool ls w/ f small vgs filled w/ clear, calcareous rts

9573-82 | Crny, silt, porous, highly foss sh w/ scatt. rpl. by clay, Crystals Anh

9582-90 | Crny, ind, porous, dolic ch

9590-01 | W.S.

9607-12 | dk brn, murg hard, tight, dense, m. loid ls w/ many lenses of f ult qtz, murg hard Anh

9612-15 | lt qtz, murg hard, porous, Ang dld w/ scatt. pads of dk brn Anh. Tr. p. y-

10,038 | lt qtz, blocky, v dense, highly calc, hard sh w/ v many, v thin dk qtz, spongy of hard fossils, slightly calc, foss sh. v widely scatt. rpl. by dk brn, v fossil Anh

10,048 | lt qtz, hard, dense, v Ang, micro ls w/ many f, irregular areas completely rpld. by brn qtz, but mottled, fossil, hard Anh

10,051-64 | Gry + brn w/ mottled, crypto hard Anh

10,067 | lt qtz, murg hard, porous, slightly Ang, ls w/ many stylolites filled w/ blk carb material & brn qtz, fossil Anh. Anh + carb material appear to be closely assoc.

10,077 | lt qtz, crypto, hard, dense ls w/ major Anh, of rpl. by brn, clay, C-f, rts Anh

10,081 | lt qtz, murg, ind, porous, v chly, v highly ool ls w/ r. rpl. by clay, Crystals Anh

10,085 | do but now rpl. by Anh

10,090-92 | Many crypto, hard, tight, dense ls w/ several, highly irregular micro stylolites filled w/ blk oily-carb. material. In, dk brn oil stain

10,093 | brn qtz, crypto, hard, tight, dense ls w/ brn-qtz small-f. foss remains

10,101 | brn qtz, crypto, hard, tight, dense ls containing many f-small, dk qtz, foss remains  
This has many v irregular <sup>v thin</sup> particles of blk fossil, hard foss sh.

10,107 | brn qtz, crypto, hard, tight, dense ls w/ v highly irregular thin-thick particles of

10,152 | brnqy, cryptic, hard, dense, any ls w a few stringers of blk carb sh

10,171 | lt qry & brn pebbled, many hard sub w a few stringers of lt brn, micro dol

10,188 | Many, many hard, dense, highly arg dol

10,193 | tan, many soft, porous, arg dol w lenses of dk brn qry, many hard sub & brn, Carols  
sub

10,195 | lt qry, many hard, dense, arg ls

10,197 | lt qry, many hard, dense, arg, microlith ls w major amt of rhyt. by dk brn, Carols sub

10,200 | lt qry, crypto, fairly hard, dense ls w a few microsclerites of blk fissile, soft, carb sh

10,206 | Many, many, fairly hard, dense, highly arg ls

10,215 | Many, crypto, fairly hard, dense ls w numerous individual crystals of vdk brn, Carols sub

10,220 | lt qry, crypto, hard sub w lenses & wide bands of brnqy, many hard, dense dol. A few  
short, thin, blk carb sh stringers in dol

10,236 | tan, many hard, fairly, dense dol w lenses of lt qry, crypto, hard sub

10,250-55 | Many, many, fairly hard, dense, arg dol

10,290-92 | vdk brn, many, fairly hard, fairly, dense dol w abundant oil stains

10,292-93 | blk, crypto, fairly hard, dense, v highly arg ls. v highly rounded w oil. Some  
subtle banding

10,293-94 | vdk brn qry, crypto, hard, light, dense ls w several pods of lt tan, micro, sub

10,294-97 | lt qry, many hard, porous, arg dol w darker grey areas that are subhyd

10,297-300 | dk qry, many hard, light, dense ls w good oil color

10,300-02 | dk brn qry, many hard, light, dense ls w few frags

10,303-05 | dk qry, many hard, fairly, light, dense, arg ls w many v small s.f. & a 1/8" wide  
band of dk qry, hard sh

10,302-11 | Many, many hard, fairly light, dense. dol w/ diss. brownish, mica anh.

10,328 | Tan, micr, hard, dense ls w/ abund. ool. foss frags v. u. f. s. f. Some rpl. of matrix  
foss by brn, Crystals Anh

10,332-38 | brown, fine, hard porous, dol. slightly micr. ls w/ several irregular dk gray stringers

10,332-41 | lt gray, micr, hard, dense, arg ls w/ several irregular, but subparallel, blk stringers &  
A wide zone on one side of the core that contains f. s. f. & has widespread  
replcs. by dk gray, Crystals Anh

10,342 | lt tan, micr, hard, porous, chy ls w/ abund. small foss & f. small foss frags, Scatt.  
rplc. by brn, Crystals Anh

10,351 | brown, micr, hard, fairly dense dol

10,353-54 | lt gray, micr, fairly hard, dense, v. arg. dol w/ several blk. v. thin, irregular, comb sh  
partings

10,363 | lt gray, micr, fairly hard, dense, chy, foss ls. Foss are small, white chy. Scatt. f. r. r. of  
rdk brn Anh. Scatt. f. s. f. also

10,369 | do but Anh is dk-lt brn & clear & is more abund

10,372-74 | lt gray, micr, soft, dense, v. arg. dol w/ clear foss. frags

10,374-80 | Chy, micr, soft, porous, chy dol

10,383-90 | brown, micr, hard, fairly dense, Anh. ls. micr. w/ abund. v. f. s. f. Some rpl. of  
s. f. & matrix by tan-brn, C-M r. r. Anh. Anh ls has diss. fossils Anh

10,385 | buff, micr, hard, dense, Anh. ls. w/ numerous but Scatt. f. r. r. of v. dk brn Anh

10,390-93 | brown, v. fine, hard, porous, Anh. ls. Has v. fossils, diss. Anh & clear, Crystals Anh  
12 veins, partings & as individual fossils

10,393-01 | lt tan, micr, hard, dense ls w/ abund. foss & s. f. Scatt. rplc. of matrix & foss material

- 280-10 | Crny hard, porous, v. suggy, slightly dolice frag ch w/ 10% clay, C-Magn, WR, fws gtr sd
- 310-40 | do but sd r-ss
- 340-70 | ch + 50% ult qtz, VC-Magn, WR, fws gtr sd
- 370-00 | 50% sd + 25% crny v. finely hard, porous, suggy, & phos dol + 25% qtz, soft l/s by <sup>dolice</sup>
- 400-30 | do + 25% C, blk-brn phos nodules ch is only in
- 430-60 | Crny ind porous, v. finely phos, fws & frag ch. Tr. dolice repl. & clay, v. fine sd
- 440-90 | do + v. lt qtz, many hard light dol + Abund l/s sd
- 490-20 | Crny hard, porous, slightly v. fine, phos frag ch is
- 520-50 | do + 50% deep qtz, soft ch + 50% clay, C-Magn, WR, PS gtr sd
- 550-80 | As (490-20) dolice + 20% C, blk-brn phos & phos fws frags
- 580-10 | do
- 610-40 | Off wh, hard porous, slightly clay, fws fine, ch + 50% C, blk-brn phos nodules
- 640-70 | do only in, phos
- 670-00 | do
- 700-30 | Off wh, hard porous, v. finely & slightly phos, slightly dolice, fws fine, ch
- 730-60 | do MANY v. sd, porous & clean, v. A gtr sd. ← by both r: ss
- 760-90 | lt qtz, v. fine, ch, phos, ind gtr ss ←
- 790-20 | Crny, micro hard, porous, sd, frag ch Tr. phos
- 820-50 | do no phos
- 850-80 | Off wh, hard, porous, slightly sd, phos frag ch
- 880-10 | do + ss as (740-90) + 10% blk phos
- 910-40 | Crny - lt + Aq, hard, porous, finely sd, fws & frag ch

- 1000-30 | do
- 1030-60 | do
- 1060-90 | lt tan, very hard, porous, frag-pel, ch ls w some frags of lt tan, very hard, tight, of fine, sdy & phos ls
- 1090-20 | do but lt tan ls is how ch
- 1120-50 | Crny, hard, porous, frag & foss ch
- 1150-80 | do
- 1180-20 | Crny, soft, porous, pel & foss ch
- 1220-50 | N.S.
- 1250-20 | do few pels
- 300-10 | do
- 310-40 | do
- 340-70 | do dolc. Pd is v. xtal, tan, euh qms within th ch
- 370-00 | do
- 400-24 | N.S.
- 424-50 | do
- 450-80 | do
- 480-10 | Crny, soft, porous, slightly foss<sup>pd</sup> ch
- 510-40 | do
- 540-50 | Crny, mid, porous, foss<sup>pd</sup> ch
- 50-60 | do
- 60-70 | do
- 70-10 | do
- 1 | 1



1750-60 | do  
1800-10 | do  
1850-60 | do  
1900-10 | do some sparsely calcare repls  
1950-60 | do + some frags of Hbryofrmls, hard, some del. some common repls of ch  
2000-10 | do  
2010-20 | do  
2020-30 | do + frs, bry, f-M. rmls, light-sacc del  
2030-40 | ch + 40% repls by H. dk bry, v. f-M. rmls, hard, light-sacc del  
2050-40 | do  
2060-70 | do 40% del  
2070-80 | do  
2080-90 | wh, soft, crypto-f. rmls, powdery rmls w/ 14% ch as above (hard del)  
2090-00 | do  
2100-10 | do  
2110-20 | do  
2120-30 | do  
2130-40 | do  
2140-50 | do  
2150-60 | ch + wh, hard, soft, M-mura rmls  
2160-70 | do rmls is now wh-bry not H. del  
2170-80 | do  
2180-90 | H + A. g., soft, porous, foss + ped ch

2210-20 | Cray-11 tray, ind, parous. fusc spots ch

2220-30 | do

2230-40 | do

2240-50 | do w/ slight replc by brn, M-micro del (hard, dense)

2250-60 | do no del

2260-70 | do som-delta AS(2240-50)

2270-80 | wh, f-ming soft, ant w/ del AS(2240-50) Ant replcs del

2280-90 | do

2290-00 | do (kick on leg joint has produced by del in this sample)

2300-10 | do

2310-20 | 11 tray, cray, ind, fusc spots ch

2320-30 | do

2330-40 | do

2340-50 | do

2350-60 | wh, f-ming hard, ant w/ brn, M-ming hard, faint, light del Ant replcs del

2360-70 | do

2370-80 | do

2380-90 | ch AS(2310-20)

2390-00 | do w/ abundant replc by brn, v. rarely hard, faintly light del. Most fusc spots same

2400-10 | do

2410-20 | do

2420-30 | do

2430-40 | Cray, soft, ab-fusc ch v Slightly dolia

2460-70 | It tan, v. finely, hard, porous dol of partial rplc, by wh, soft, crypto, powdery Anh

2470-80 | do

2480-90 | dol as above

2490-00 | ch AS (2420-40)

2500-10 | do w rplc, by dol like (2460-70)

2510-20 | tan + Mg, mottled, f. many hard, lentic, tight dol of partial rplc, by wh, crypto, soft,  
powdery Anh

2520-30 | do

2530-40 | do

2540-50 | It tan, v. finely, hard, fairly tight dol of partial rplc, by Anh as above

2550-60 | do

2560-70 | do

2570-80 | ch AS (2430-40)

2580-90 | do

2590-00 | ch dolts to It tan, v. finely, fairly tight, hard dol

2600-10 | do + dk brown, finely, soft, carb sh. Dol is much darker here

2610-20 | Crm, ind, porous, pd + fss ch w sh as above It. of dolts

2620-30 | do

2630-40 | do

2640-50 | do

2650-6270 | N.S. + some con

2670-80 | Crm, ind, porous, dolts, pd ch Dol is It tan, v. finely, hard, fairly porous

2680-90 | N.S.

- 6310-20 | do
- 6350-60 | do
- 6360-70 | do | lurch doltz
- 6370-80 | do | few pels
- 6400-10 | do
- 6410-20 | do | w slight py fruit
- 6420-30 | do
- 6430-40 | Crry w py fruit, soft, porous, doltz ch | Doltz is H tag, fairly hard, porous
- 6440-50 | do
- 6450-7100 | NS + core
- 7100-10 | Crry, soft, porous, fairly porous | doltz to a H tag, fairly hard, fairly porous
- 7110-20 | do | & by individual results in the ch
- 7120-30 | do
- 7130-40 | do
- 7140-50 | do
- 7150-60 | do
- 7160-70 | do
- 7170-80 | do
- 7180-90 | do | + 5/6 clean pieces of Anh
- 7190-00 | do
- 7200-10 | do
- 7250-60 | do | only 1/2 of Anh goes to 1/2 of (720-20)
- 7300-10 | do | but no Anh

7440-50 | do

7450-8500 | N.S.

7500-10 | lt grey, mung, hard, fairly porous, abundantly, & finely, sdy ls

8510-20 | do

7520-30 | lt grey, mung, hard, porous, arg ls

8530-40 | lt grey, soft, fairly mung, calc sh

8540-50 | do

8550-60 | ls as (8520-30) + lt grey, black, hard sh

8560-70 | lt grey, mung, soft, porous, arg dol

8590-00 | do

8600-10 | do but ultra-buff nei arg

8610-20 | do

8620-30 | do

8630-40 | do

8640-50 | do

8650-60 | wh, mung, soft, arg

8660-70 | do

8670-80 | crimy-buff ind, porous, anhyd, ch

8680-90 | do

8690-00 | do

8700-10 | buff, lt grey, vlt-mung, hard, porous dol w/ some rdct foss ch remains

8710-20 | do

8720-30 | N.S.

8750-60 | but f-11, gray porous, ind, dolig. foss ch

8770-80 | do

8780-90 | do

8790-00 | do

8800-10 | do but less num ch dol

8810-50 | but f-11, gray porous, ind, dolig foss ch wh, num, soft rch

8850-60 | wh, num, soft rch

8810-70 | do

8870-80 | but f, num, ind, porous, ch, dol w/ some reds foss ch texture. In rch

8880-90 | do

8890-00 | do

8900-10 | do

8910-20 | do

8920-30 | do

8930-40 | do

8940-50 | wh, num, hard rch

8950-60 | do

8960-70 | dol as (8870-80) In rch

8970-80 | do

8980-90 | do 1/2 libry alt less ch than above

8990-00 | do same amt of ch as (8870-80)

9000-10 | do

9010-20 | do but w/ rch less ch than above