

Lesh Williams.

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(7 pages)

Box

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12 3/4 sdy clay Rd-Br mottled

12 3/4 - 17 dk red sandy clay

17 - 18 Br sdy clay

18 - 21 Brown ~~quartz~~ clayssd

21 - 25 1/4 lt grey clayssd grading down to orange-tan wet sdy clay

~~25 1/2~~

3

23 1/4 - 26 lt grey fine-med clayssd w/ thin layers of cement indurated sandstone

26 - 30 lt grey w/ reddish oxidized zones ~~sandy clay~~ clayssd w/ indurated layers

30 - 33 ^{dry} hard cemented sandy clay some reddish intervals

33 - 33 3/4 had dry clay?

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33 3/4 - 37 lt grey clayssd w/ red ss layers

37 - 41 SAA

41 - 43 1/2 SAA

43 1/2 - 45 SAA

45 - 46 SAA

~~46 - 47 ^{lt grey} ~~2 pages~~~~

5

46 - 47 lt grey rock ls?

47 - 50 lt grey rock grading down into sdy clay (grey)

50 - 53 sdy clay grey-red

6 53 - ~~54~~ 56 coarse sdy clay grades down into lt grey clay
 56 - 58 grey clay (Fat)
 58 - 60 1/4 clayed sd grades down into grey ~~to rock~~
 60 1/4 - 60 1/2 clayed sud grey w/ some thin oxidized

7 61.5 - 65 light grey ^{clayey} sandy clay
 65 - 69 light grey sandy clay to clay sd turns grey
 69 - 71 alternating fine sd greenish & greenish clayed sd to sandy clay wet.

8 71 - 75 ~~grey~~ green silty clay to clayey silt
 75 - 79 green ~~silt~~ clayey silt w/ thin fine sd layers
 79 - 83 brown silty clay to clayey silt
 83 - 86 ~~tan~~ brown silty clay

9 86 - 87 tan silt
 87 - 88 " "
 88 - 91 tanish-green silt
 91 - 92 Brown fine sd (X) wet
 92 - 96 tan-green ~~to~~ silt
 96 - grey fat clay

10
 96-100 grey massive clay
 100-105 " "
 105-110 Brown-tanish fine sd & clayey sd.
 110-113 NO Rec?
 113-115 1/2 Brown-tan v. fine silty sd to grey silt

11
 115-118 fine silty sd (wet)
 118-119 fine sd
 119-120 lt-tan fine sd
 120-124 grey-tan clayey sand to silty clay
 124-126 fine to med Qtz sd. wet
 126-128 cemented sd.
 128-130 128-129 cent sd 129-130 white ^{Koben til} clayey sd
 130-130 3/4 Brown silt _{med}

12
 130 3/4 - 133 1/2 dk massive fat
 Brown clay clinging to grey clay
 133-1/2 - 137 massive dense clay dk grey grades down into
 organic rich clay
 137-139 grey clay w/ small white (carbonate specks)

13
 139-141 Brown ^{organic} massive clay grades in to lime marl
 and back in to brown clay
 141-145 white marl / lime med fairly dense
 grades down into greenish clay w/ white
 spherical grains.
 145- green clay w/ white splotches

(14) 145-150 phosphatic pebbles
 greenish-white clay w/ plaster
 150-153 SAA Same irregular zones of carbonate ~~LS~~
 153-157 1/2 mixed white marl + grey green clay
 grades down into dense grey massive clay
 157 1/2 - 158 1/2 grey clay w/ lime nodules?

158 1/2 - 162 white lime marl? w/ grey clasts?
 162 - 166 162-163 white (SAA) 163-166 dark grey
 silty clay to clay silt w/ thin sand beds
 15 166 - 167 - white-grey vark
 167 - 169 dk grey ~~to~~ silty clay w/ white
 nodules or filled tubes!

169-171 169-169.5 white limy zone silty.
 169.5-171 dk grey silty clay to clay silt
 (moist) 171 - greenish fragments (rip up?) in greenish silt
 173 - mixed white + dk grey silt + lime
 several feet of white "rock" w/ greenish
 bioturbation looks like a white marl
 w/ greenish tubation.
 (moist) 178-179 1/2 white silty clay ~~to~~ + grey clay marl

17 179 1/2 - 183 white limy clay w/ green bioturbation
 183 - 188 greenish fine silty sand/silt with irr
 calcareous concretions grades down into
 a ^{green} silty clay
 188 - 191 ~~fragment~~ indurated/cemented clayey sd
 & reworked green clay angular clasts
 + some lime stone?

18 191 - 193 greenish silty clay ~~interbedded~~ ^{with thin beds}
 of limestone
 193 - 198 193-194 indurated limestone w/ green clasts
 of material - reworked material
 dat green - white in color
 194-195 white clay
 195-198 dense fg limestone grey-br
 198-200 198-199 brown silty clay
 199-200 white dense clay

19 200 1/2 grey green ls tan - w/ green hard ls grades
 down into fat grey clay
 202-203 - pure white micritic ls
 203-208 203-207 pure white micritic ls fw pore spaces dense
 207-208 - white ^{silty} clay
 208-211 fossiliferous crumbly limestone mixed
 shells + greenish clasts some shells weathered
 out

20 211-213 fossiliferous ls (SAA)
 213-218 SAA poor recovery loose frags
 218-223 mixed shells and clastics angular frags of green silt
 beans included
 out 213

no fossils

223 - 225 dense dk green silty clay w/ large reworked material @ 225 line w/ bioturbation

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225 - 228 indurated reworked zone large angular rip up clasts?

moderately hard siltstone - claystone greenish crystalline LS @ 228

228 - 229 1/2 brownish-green reworked clay & fines limestone

229 1/2 - 233 limestone + coarse reworked zone huge 1" wide ~~clay~~ clay clasts small amt of porosity in LS layers

233 - 234 fossiliferous LS

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234 - 238

234 - 236 lt brown fine indurated silt or marl?

236 - 239 indurated ls w/ coarse ^{green} clasts

238 - 243

indurated LS w/ green clasts + few layers of ^{indurated} v. fine green sandstone down few feet is green silty sandstone

Green calcos

243 - 244

siltstone w/ ~~clasts~~ calcareous nodules

23

244 - 248

Greenish fine silty SS w/ layers of white LS ripped up w/ frags.

248 - 250

greenish fine silty SS grades down into clay at bottom (251-252)

250 - 258

green fine silty SS to green siltstone w/ ^{reworked material}

258-263

top foot green silt

259-263 large clastic LS pebbles
dense low porosity

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263-267

clastic ls large clasts of ls + green
silt more green clasts at bottom

267-270

ls + green clasts 267-268

268-270 brown fine limestone w/
some orange/black staining
fairly dense

270-272 white to tan-white fine limestone

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