AM - 13c

100' — lt. brn mudstn w/ tr. sand size particles calcareous w/ bentonite nodules. Has yellow clay material associated with bentonite and manganiferous material

100' 9" — lt tan ls w/ white to gry chert. Also has many areas of manganese concentration. Has occasional yellow stained qtz grains

101'

~~102'~~ "

102'

102' 7" — lt. yellow gry ~~siltstn~~ mudstn - ~~mudstn~~ w/ white bentonite blebs very ~~sandy~~ calcareous

103'

103' 4" — olive gry ~~mudstn~~ siltstn w/ white bentonite blebs. mod. calcareous

104'

104' — white ls w / olive gry siltstn stringers

104' 3" — white bentonitic material w/ carn. carbonaceous mat'l.

105'

section 105' → 111' was either destroyed or lost. chunks of material from the box suggest that there was bentonitic mudstn w/ carbonaceous material, olive gry bentonitic mudstn, traces of white ls and chert.

106'

107'

108'

AM-13C

109'

110'

111' H. brn gry mudstn w/ bentonite blebs & carbonaceous material
some portions appears to have a slight yellowish tinge to them.
some of the "blebs" which contain bentonite & carbonaceous (?) matl'l.
have some yellow mineral (uranium?). All core is very calcareous, &
112 bentonitic

113 111' – 115'

114

115' 115 – 115'4" H. olive gry calcareous ss (fg-mg) w/ ¼-½" bentonite blebs

116' 115'4" – 118'6" H olive gry sandstn & white sand in a "marble cake" texture. No consistant patterns seen. Sands are well cemented, cement being mostly calcite. Carbonaceous material present in both ss. In lower section, white ss is dolomitic and a fossil

117'

compaction feature seen. traces of limonite staining are seen.

118

118' 6" sand is similar to above, but with "inclusions" of limonite stained sand. Portions of this core almost look like breccia. Contains much less calcite cement.

119

(sandy ls?)

120 120' - 122' 4" olive gry ss & white ss. Irregular masses of each ss are in the other. Calcite cement is present throughout. Very similar to ss described 115'4" - 118'6"

121

122

123 122' 4' - 124 sandy ls-, olive lt. brn-gry, vfg, containing open space fillings of qtz w/ tr- common oxidized uranium. Generally very indurated. tr- common manganese dendrites

124 124' 0" - 124'6" olive gry mudstn

124'6 - 126' 9 lt. olive gry sandy ls w/ white ls. Texture is again "marble cake" w/ limonite stained inclusions. Rip-up? Also contains thin stringers of olive green mudstn. Traces of a blue gry material are often associated with the inclusions.

125

126

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126

126' 9" - 127' 8" pale grn ls w/ scattered red brn chert blebs

127

127' 8" - 129 limy siltstn / silty ls - poorly consolidated, olive grn in color, has been fractured & cracked re cemented with calcite. Carbonaceous material + tr - conc. Areas around fractures is often yellow grn.

128

129 129 - 131 white chert and thin stringers of white ls. Manganese dendrites are quite prevalent and associated almost exclusively with the chert. a 2" and an 8" layer of ls is present

130

131 131 - 131' 6" H. grn mdstn ls w/ hematite stained inclusions possible yellow grn mudstn

131' 6" - 131' 9"

olive grn mudstn w/ mottled red mudstn & bentonite blebs

132 131' 9" - 132' 8" olive grey-grn ls w/ occasional red gtzite masses. tr. of mudstn & bentonite

132' 8" - 133' 4" H pink limy sand w/ disseminated red chert

133 and pink gtzl.

133' 4" - 133' 8" olive grn siltstn.

133' 8" - 134' 8" tan limy fg sandstn. w/ common red gtzite frags as discreet planar bedding units

134

134' 8" - 136' 4" similar to above, separated by 2" of grn silt