

LITHOLOGIC WELL LOG PRINTOUT

SOURCE - FGS

WELL NUMBER: W-18445
TOTAL DEPTH: 2100 FT.
S.23
420 SAMPLES FROM 0 TO 2100 FT.
18S

COUNTY - ORANGE
LOCATION: T.24S R.27E

LAT = 28D 28M
LON = 81D 32M

05S
COMPLETION DATE: 07/03/03
OTHER TYPES OF LOGS AVAILABLE - NONE

ELEVATION: 115 FT

OWNER/DRILLER:SFWMD/DIVERSIFIED DRILLING CORP.

WORKED BY:E. DORN 7/29/2003
SECTION BCC

0. - 75. 090UDSC UNDIFFERENTIATED SAND AND CLAY
75. - 1565. 124AVPK AVON PARK FM.
1565. - 2100. 124OLDM OLDSMAR LIMESTONE

0 - 5 SAND; TRANSPARENT TO VERY LIGHT ORANGE
POROSITY: INTERGRANULAR, POSSIBLY HIGH PERMEABILITY
GRAIN SIZE: FINE; RANGE: VERY FINE TO COARSE
ROUNDNESS: ANGULAR TO SUB-ROUNDED; HIGH SPHERICITY
UNCONSOLIDATED
ACCESSORY MINERALS: PHOSPHATIC SAND-01%
OTHER FEATURES: UNWASHED SAMPLE
FOSSILS: NO FOSSILS

5 - 10 AS ABOVE

10 - 15 SAND; TRANSPARENT TO GRAYISH BROWN
POROSITY: INTERGRANULAR, POSSIBLY HIGH PERMEABILITY
GRAIN SIZE: FINE; RANGE: FINE TO COARSE
ROUNDNESS: ANGULAR TO SUB-ROUNDED; HIGH SPHERICITY
UNCONSOLIDATED
ACCESSORY MINERALS: PHOSPHATIC SAND-01%
OTHER FEATURES: UNWASHED SAMPLE
FOSSILS: NO FOSSILS

15 - 20 SAND; TRANSPARENT TO DARK YELLOWISH BROWN
POROSITY: INTERGRANULAR, POSSIBLY HIGH PERMEABILITY
GRAIN SIZE: FINE; RANGE: FINE TO COARSE
ROUNDNESS: ANGULAR TO SUB-ROUNDED; HIGH SPHERICITY
UNCONSOLIDATED
ACCESSORY MINERALS: PHOSPHATIC SAND- T%
OTHER FEATURES: UNWASHED SAMPLE
FOSSILS: NO FOSSILS

20 - 25 SAND; TRANSPARENT TO GRAYISH BROWN
POROSITY: INTERGRANULAR, POSSIBLY HIGH PERMEABILITY
GRAIN SIZE: MEDIUM; RANGE: FINE TO COARSE
ROUNDNESS: SUB-ANGULAR TO SUB-ROUNDED; MEDIUM SPHERICITY

UNCONSOLIDATED
ACCESSORY MINERALS: IRON STAIN- T%
OTHER FEATURES: UNWASHED SAMPLE
FOSSILS: NO FOSSILS

25 - 30 AS ABOVE

30 - 35 SAND; TRANSPARENT TO GRAYISH BROWN
POROSITY: INTERGRANULAR, POSSIBLY HIGH PERMEABILITY
GRAIN SIZE: FINE; RANGE: VERY FINE TO MEDIUM
ROUNDNESS: SUB-ANGULAR TO ANGULAR; MEDIUM SPHERICITY
UNCONSOLIDATED
ACCESSORY MINERALS: PLANT REMAINS-01%
OTHER FEATURES: UNWASHED SAMPLE
FOSSILS: PLANT REMAINS

35 - 40 SAND; TRANSPARENT TO YELLOWISH GRAY
POROSITY: INTERGRANULAR, POSSIBLY HIGH PERMEABILITY
GRAIN SIZE: FINE; RANGE: VERY FINE TO VERY COARSE
ROUNDNESS: ANGULAR TO ROUNDED; MEDIUM SPHERICITY
UNCONSOLIDATED
ACCESSORY MINERALS: PLANT REMAINS- T%, PHOSPHATIC SAND-
01%
OTHER FEATURES: UNWASHED SAMPLE
FOSSILS: PLANT REMAINS

40 - 45 CLAY; MODERATE LIGHT GRAY TO LIGHT OLIVE GRAY
POROSITY: INTERGRANULAR, LOW PERMEABILITY; POOR
INDURATION
CEMENT TYPE(S): CLAY MATRIX
ACCESSORY MINERALS: QUARTZ SAND-15%, ORGANICS- T%
OTHER FEATURES: UNWASHED SAMPLE
FOSSILS: PLANT REMAINS

45 - 50 SAND; YELLOWISH GRAY TO MODERATE LIGHT GRAY
POROSITY: INTERGRANULAR
GRAIN SIZE: FINE; RANGE: VERY FINE TO MEDIUM
ROUNDNESS: ANGULAR TO SUB-ANGULAR; MEDIUM SPHERICITY
POOR INDURATION
CEMENT TYPE(S): CLAY MATRIX
ACCESSORY MINERALS: CLAY-20%, ORGANICS-01%
OTHER FEATURES: UNWASHED SAMPLE
FOSSILS: PLANT REMAINS

50 - 55 AS ABOVE

55 - 60 SAND; LIGHT OLIVE GRAY TO OLIVE GRAY
POROSITY: INTERGRANULAR
GRAIN SIZE: FINE; RANGE: VERY FINE TO MEDIUM
ROUNDNESS: ANGULAR TO SUB-ANGULAR; HIGH SPHERICITY
POOR INDURATION
CEMENT TYPE(S): CLAY MATRIX
ACCESSORY MINERALS: CLAY-10%
OTHER FEATURES: UNWASHED SAMPLE

FOSSILS: NO FOSSILS

- 60 - 65 SAND; LIGHT OLIVE GRAY TO GRAYISH BROWN
POROSITY: INTERGRANULAR
GRAIN SIZE: FINE; RANGE: VERY FINE TO MEDIUM
ROUNDNESS: ANGULAR TO SUB-ANGULAR; HIGH SPHERICITY
POOR INDURATION
CEMENT TYPE(S): CLAY MATRIX
ACCESSORY MINERALS: CLAY-07%, PLANT REMAINS- T%
OTHER FEATURES: UNWASHED SAMPLE
FOSSILS: PLANT REMAINS
- 65 - 70 SAND; LIGHT OLIVE GRAY TO GRAYISH BROWN
POROSITY: INTERGRANULAR
GRAIN SIZE: FINE; RANGE: VERY FINE TO VERY COARSE
ROUNDNESS: ANGULAR TO ROUNDED; HIGH SPHERICITY
POOR INDURATION
CEMENT TYPE(S): CLAY MATRIX
ACCESSORY MINERALS: CLAY-05%, PLANT REMAINS-01%
ORGANICS-02%
OTHER FEATURES: UNWASHED SAMPLE
FOSSILS: PLANT REMAINS
- 70 - 75 AS ABOVE
- 75 - 80 WACKESTONE; YELLOWISH GRAY TO DARK YELLOWISH BROWN
POROSITY: INTERGRANULAR
GRAIN TYPE: PELLET, SKELETAL, CALCILUTITE
40% ALLOCHEMICAL CONSTITUENTS
GRAIN SIZE: MEDIUM; RANGE: COARSE TO LITHOGRAPHIC
MODERATE INDURATION
CEMENT TYPE(S): CALCILUTITE MATRIX
ACCESSORY MINERALS: CLAY-10%, QUARTZ SAND-03%
ORGANICS-03%
OTHER FEATURES: UNWASHED SAMPLE
FOSSILS: FOSSIL FRAGMENTS
- 80 - 85 WACKESTONE; YELLOWISH GRAY TO DARK YELLOWISH BROWN
POROSITY: INTERGRANULAR
GRAIN TYPE: PELLET, SKELETAL, CALCILUTITE
40% ALLOCHEMICAL CONSTITUENTS
GRAIN SIZE: MEDIUM; RANGE: COARSE TO LITHOGRAPHIC
MODERATE INDURATION
CEMENT TYPE(S): CALCILUTITE MATRIX
ACCESSORY MINERALS: QUARTZ SAND-02%, PHOSPHATIC GRAVEL-
07%
OTHER FEATURES: UNWASHED SAMPLE
FOSSILS: BENTHIC FORAMINIFERA, FOSSIL FRAGMENTS
Dictyoconus Americanus
- 85 - 90 AS ABOVE
- 90 - 95 AS ABOVE

95 - 100 WACKESTONE; YELLOWISH GRAY TO LIGHT GRAY
 POROSITY: INTERGRANULAR
 GRAIN TYPE: PELLET, SKELETAL, CALCILUTITE
 20% ALLOCHEMICAL CONSTITUENTS
 GRAIN SIZE: FINE; RANGE: MEDIUM TO LITHOGRAPHIC
 POOR INDURATION
 CEMENT TYPE(S): CALCILUTITE MATRIX
 ACCESSORY MINERALS: QUARTZ SAND-01%
 OTHER FEATURES: UNWASHED SAMPLE
 FOSSILS: FOSSIL FRAGMENTS

100 - 105 WACKESTONE; YELLOWISH GRAY TO VERY LIGHT ORANGE
 POROSITY: INTERGRANULAR
 GRAIN TYPE: PELLET, CALCILUTITE
 20% ALLOCHEMICAL CONSTITUENTS
 GRAIN SIZE: FINE; RANGE: MEDIUM TO LITHOGRAPHIC
 POOR INDURATION
 CEMENT TYPE(S): CALCILUTITE MATRIX
 OTHER FEATURES: UNWASHED SAMPLE
 FOSSILS: ECHINOID
 Driller's mud or cement present

105 - 110 WACKESTONE; YELLOWISH GRAY TO GRAYISH BROWN
 POROSITY: INTERGRANULAR
 GRAIN TYPE: PELLET, CALCILUTITE
 15% ALLOCHEMICAL CONSTITUENTS
 GRAIN SIZE: FINE; RANGE: MEDIUM TO LITHOGRAPHIC
 POOR INDURATION
 CEMENT TYPE(S): CALCILUTITE MATRIX
 OTHER FEATURES: UNWASHED SAMPLE
 FOSSILS: BENTHIC FORAMINIFERA
 Dictyoconus

110 - 115 PACKSTONE; YELLOWISH GRAY TO VERY LIGHT ORANGE
 POROSITY: INTERGRANULAR
 GRAIN TYPE: PELLET, SKELETAL, CALCILUTITE
 80% ALLOCHEMICAL CONSTITUENTS
 GRAIN SIZE: FINE; RANGE: MEDIUM TO LITHOGRAPHIC
 POOR INDURATION
 CEMENT TYPE(S): CALCILUTITE MATRIX
 OTHER FEATURES: UNWASHED SAMPLE
 FOSSILS: FOSSIL FRAGMENTS
 DRILLER'S MUD/CEMENT PRESENT

115 - 120 AS ABOVE

120 - 125 AS ABOVE

125 - 130 AS ABOVE

130 - 135 AS ABOVE

135 - 140 WACKESTONE; YELLOWISH GRAY TO GRAYISH ORANGE
 POROSITY: INTERGRANULAR

GRAIN TYPE: PELLET, SKELETAL, CALCILUTITE
40% ALLOCHEMICAL CONSTITUENTS
GRAIN SIZE: VERY FINE; RANGE: MEDIUM TO LITHOGRAPHIC
POOR INDURATION
CEMENT TYPE(S): CALCILUTITE MATRIX
ACCESSORY MINERALS: QUARTZ SAND- T%
OTHER FEATURES: UNWASHED SAMPLE
FOSSILS: BENTHIC FORAMINIFERA
DICTYOCONUS

- 140 - 145 WACKESTONE; YELLOWISH GRAY TO GRAYISH ORANGE
POROSITY: INTERGRANULAR
GRAIN TYPE: PELLET, SKELETAL, CALCILUTITE
20% ALLOCHEMICAL CONSTITUENTS
GRAIN SIZE: VERY FINE; RANGE: MEDIUM TO LITHOGRAPHIC
POOR INDURATION
CEMENT TYPE(S): CALCILUTITE MATRIX
OTHER FEATURES: UNWASHED SAMPLE
FOSSILS: BENTHIC FORAMINIFERA
DICTYOCONUS
- 145 - 150 AS ABOVE
- 150 - 155 PACKSTONE; YELLOWISH GRAY TO VERY LIGHT ORANGE
POROSITY: INTERGRANULAR
GRAIN TYPE: PELLET, SKELETAL, CALCILUTITE
60% ALLOCHEMICAL CONSTITUENTS
GRAIN SIZE: VERY FINE; RANGE: MEDIUM TO LITHOGRAPHIC
POOR INDURATION
CEMENT TYPE(S): CALCILUTITE MATRIX
OTHER FEATURES: LOW RECRYSTALLIZATION, UNWASHED SAMPLE
FOSSILS: FOSSIL MOLDS, BENTHIC FORAMINIFERA
POSSIBLE DRILLER'S CEMENT PRESENT; DICTYOCONUS
- 155 - 160 WACKESTONE; YELLOWISH GRAY TO GRAYISH ORANGE
POROSITY: INTERGRANULAR
GRAIN TYPE: PELLET, SKELETAL, CALCILUTITE
40% ALLOCHEMICAL CONSTITUENTS
GRAIN SIZE: VERY FINE; RANGE: MEDIUM TO LITHOGRAPHIC
POOR INDURATION
CEMENT TYPE(S): CALCILUTITE MATRIX
ACCESSORY MINERALS: QUARTZ SAND- T%, ORGANICS- T%
OTHER FEATURES: UNWASHED SAMPLE
FOSSILS: BENTHIC FORAMINIFERA
DICTYOCONUS
- 160 - 165 AS ABOVE
- 165 - 170 WACKESTONE; YELLOWISH GRAY TO GRAYISH ORANGE
POROSITY: INTERGRANULAR
GRAIN TYPE: PELLET, SKELETAL, CALCILUTITE
45% ALLOCHEMICAL CONSTITUENTS
GRAIN SIZE: VERY FINE; RANGE: MEDIUM TO LITHOGRAPHIC
POOR INDURATION

CEMENT TYPE(S): CALCILUTITE MATRIX
ACCESSORY MINERALS: QUARTZ SAND- T%
OTHER FEATURES: UNWASHED SAMPLE
FOSSILS: BENTHIC FORAMINIFERA
DICTYOCONUS; SAND IS VERY COARSE AND ANGULAR; POSSIBLE
DRILLER'S CEMENT PRESENT.

- 170 - 175 MUDSTONE; YELLOWISH GRAY TO GRAYISH ORANGE
POROSITY: INTERGRANULAR
GRAIN TYPE: PELLET, CALCILUTITE
10% ALLOCHEMICAL CONSTITUENTS
GRAIN SIZE: VERY FINE; RANGE: MEDIUM TO LITHOGRAPHIC
POOR INDURATION
CEMENT TYPE(S): CALCILUTITE MATRIX
ACCESSORY MINERALS: QUARTZ SAND- T%
OTHER FEATURES: UNWASHED SAMPLE
FOSSILS: BENTHIC FORAMINIFERA
POSSIBLE DRILLER'S CEMENT PRESENT
- 175 - 180 WACKESTONE; YELLOWISH GRAY TO GRAYISH ORANGE
POROSITY: INTERGRANULAR
GRAIN TYPE: PELLET, CALCILUTITE
25% ALLOCHEMICAL CONSTITUENTS
GRAIN SIZE: VERY FINE; RANGE: MEDIUM TO LITHOGRAPHIC
POOR INDURATION
CEMENT TYPE(S): CALCILUTITE MATRIX
ACCESSORY MINERALS: QUARTZ SAND- T%
OTHER FEATURES: UNWASHED SAMPLE
- 180 - 185 WACKESTONE; YELLOWISH GRAY TO GRAYISH ORANGE
POROSITY: INTERGRANULAR
GRAIN TYPE: PELLET, CALCILUTITE
20% ALLOCHEMICAL CONSTITUENTS
GRAIN SIZE: VERY FINE; RANGE: MEDIUM TO LITHOGRAPHIC
POOR INDURATION
CEMENT TYPE(S): CALCILUTITE MATRIX
OTHER FEATURES: UNWASHED SAMPLE
FOSSILS: ECHINOID
- 185 - 190 WACKESTONE; YELLOWISH GRAY TO VERY LIGHT ORANGE
POROSITY: INTERGRANULAR
GRAIN TYPE: PELLET, CALCILUTITE
25% ALLOCHEMICAL CONSTITUENTS
GRAIN SIZE: VERY FINE; RANGE: MEDIUM TO LITHOGRAPHIC
POOR INDURATION
CEMENT TYPE(S): CALCILUTITE MATRIX
ACCESSORY MINERALS: QUARTZ SAND- T%
OTHER FEATURES: UNWASHED SAMPLE
- 190 - 195 WACKESTONE; VERY LIGHT ORANGE TO YELLOWISH GRAY
POROSITY: INTERGRANULAR
GRAIN TYPE: PELLET, CALCILUTITE, SKELETAL
20% ALLOCHEMICAL CONSTITUENTS
GRAIN SIZE: MEDIUM; RANGE: MEDIUM TO LITHOGRAPHIC

POOR INDURATION
 CEMENT TYPE(S): CALCILUTITE MATRIX
 ACCESSORY MINERALS: QUARTZ SAND- T%
 OTHER FEATURES: UNWASHED SAMPLE
 FOSSILS: BENTHIC FORAMINIFERA
 DICTYOCONUS

195 - 200 MUDSTONE; VERY LIGHT ORANGE TO YELLOWISH GRAY
 POROSITY: INTERGRANULAR
 GRAIN TYPE: PELLET, CALCILUTITE
 10% ALLOCHEMICAL CONSTITUENTS
 GRAIN SIZE: FINE; RANGE: FINE TO LITHOGRAPHIC
 POOR INDURATION
 CEMENT TYPE(S): CALCILUTITE MATRIX
 ACCESSORY MINERALS: ORGANICS- T%
 OTHER FEATURES: UNWASHED SAMPLE

200 - 205 AS ABOVE

205 - 210 WACKESTONE; VERY LIGHT ORANGE TO YELLOWISH GRAY
 POROSITY: INTERGRANULAR
 GRAIN TYPE: PELLET, CALCILUTITE, SKELETAL
 15% ALLOCHEMICAL CONSTITUENTS
 GRAIN SIZE: VERY FINE; RANGE: MEDIUM TO LITHOGRAPHIC
 POOR INDURATION
 CEMENT TYPE(S): CALCILUTITE MATRIX
 OTHER FEATURES: UNWASHED SAMPLE
 FOSSILS: FOSSIL FRAGMENTS

210 - 215 AS ABOVE

215 - 220 WACKESTONE; VERY LIGHT ORANGE TO YELLOWISH GRAY
 POROSITY: INTERGRANULAR
 GRAIN TYPE: PELLET, CALCILUTITE, SKELETAL
 20% ALLOCHEMICAL CONSTITUENTS
 GRAIN SIZE: VERY FINE; RANGE: MEDIUM TO LITHOGRAPHIC
 POOR INDURATION
 CEMENT TYPE(S): CALCILUTITE MATRIX
 OTHER FEATURES: UNWASHED SAMPLE, LOW RECRYSTALLIZATION
 FOSSILS: FOSSIL FRAGMENTS

220 - 225 WACKESTONE; VERY LIGHT ORANGE TO YELLOWISH GRAY
 POROSITY: INTERGRANULAR
 GRAIN TYPE: PELLET, CALCILUTITE
 25% ALLOCHEMICAL CONSTITUENTS
 GRAIN SIZE: VERY FINE; RANGE: MEDIUM TO LITHOGRAPHIC
 POOR INDURATION
 CEMENT TYPE(S): CALCILUTITE MATRIX
 OTHER FEATURES: UNWASHED SAMPLE

225 - 230 WACKESTONE; VERY LIGHT ORANGE TO YELLOWISH GRAY
 POROSITY: INTERGRANULAR, MOLDIC
 GRAIN TYPE: PELLET, CALCILUTITE
 20% ALLOCHEMICAL CONSTITUENTS

GRAIN SIZE: VERY FINE; RANGE: MEDIUM TO LITHOGRAPHIC
POOR INDURATION
CEMENT TYPE(S): CALCILUTITE MATRIX
ACCESSORY MINERALS: ORGANICS- T%
OTHER FEATURES: UNWASHED SAMPLE, LOW RECRYSTALLIZATION
DOLOMITIC

230 - 235 AS ABOVE

235 - 240 WACKESTONE; VERY LIGHT ORANGE TO YELLOWISH GRAY
POROSITY: INTERGRANULAR
GRAIN TYPE: PELLET, CALCILUTITE, SKELETAL
35% ALLOCHEMICAL CONSTITUENTS
GRAIN SIZE: VERY FINE; RANGE: MEDIUM TO LITHOGRAPHIC
POOR INDURATION
CEMENT TYPE(S): CALCILUTITE MATRIX
OTHER FEATURES: UNWASHED SAMPLE
FOSSILS: FOSSIL FRAGMENTS

240 - 245 WACKESTONE; VERY LIGHT ORANGE TO YELLOWISH GRAY
POROSITY: INTERGRANULAR
GRAIN TYPE: PELLET, CALCILUTITE, SKELETAL
40% ALLOCHEMICAL CONSTITUENTS
GRAIN SIZE: VERY FINE; RANGE: MEDIUM TO LITHOGRAPHIC
POOR INDURATION
CEMENT TYPE(S): CALCILUTITE MATRIX
OTHER FEATURES: UNWASHED SAMPLE
FOSSILS: FOSSIL FRAGMENTS

245 - 250 WACKESTONE; VERY LIGHT ORANGE TO YELLOWISH GRAY
POROSITY: INTERGRANULAR, MOLDIC
GRAIN TYPE: PELLET, CALCILUTITE, SKELETAL
25% ALLOCHEMICAL CONSTITUENTS
GRAIN SIZE: VERY FINE; RANGE: MEDIUM TO LITHOGRAPHIC
POOR INDURATION
CEMENT TYPE(S): CALCILUTITE MATRIX
OTHER FEATURES: UNWASHED SAMPLE, LOW RECRYSTALLIZATION
DOLOMITIC
FOSSILS: FOSSIL FRAGMENTS

250 - 255 WACKESTONE; VERY LIGHT ORANGE TO YELLOWISH GRAY
POROSITY: INTERGRANULAR, MOLDIC
GRAIN TYPE: CALCILUTITE, PELLET
15% ALLOCHEMICAL CONSTITUENTS
GRAIN SIZE: MICROCRYSTALLINE; RANGE: FINE TO LITHOGRAPHIC
MODERATE INDURATION
CEMENT TYPE(S): CALCILUTITE MATRIX
OTHER FEATURES: LOW RECRYSTALLIZATION
FOSSILS: FOSSIL FRAGMENTS, FOSSIL MOLDS
DICTYOCONUS; GREY CARBONATE PRESENT - POSSIBLE CASING
CEMENT. SUBSTANCE IS A LIGHT GRAY WITH VERY FINE-GRAINED
SAND, APPEARS TO BE 'SWEATING' EVAPORITES. WILL BE

REFERRED

TO AS DRILLING CEMENT IN LATER SAMPLES. 20%

255 - 260 DOLOSTONE; GRAYISH ORANGE TO MODERATE YELLOWISH BROWN
POROSITY: INTERGRANULAR, MOLDIC, VUGULAR; 50-90% ALTERED
SUBHEDRAL
GRAIN SIZE: MICROCRYSTALLINE
RANGE: MICROCRYSTALLINE TO CRYPTOCRYSTALLINE
GOOD INDURATION
CEMENT TYPE(S): DOLOMITE CEMENT
ACCESSORY MINERALS: LIMESTONE-05%
OTHER FEATURES: HIGH RECRYSTALLIZATION
FOSSILS: FOSSIL MOLDS
DRILLING CEMENT 20%

260 - 265 DOLOSTONE; GRAYISH ORANGE TO MODERATE YELLOWISH BROWN
POROSITY: INTERGRANULAR, VUGULAR; 50-90% ALTERED;
EUHEDRAL
GRAIN SIZE: MICROCRYSTALLINE
RANGE: MICROCRYSTALLINE TO CRYPTOCRYSTALLINE
GOOD INDURATION
CEMENT TYPE(S): DOLOMITE CEMENT
ACCESSORY MINERALS: LIMESTONE-05%
OTHER FEATURES: SUCROSIC, HIGH RECRYSTALLIZATION
FOSSILS: NO FOSSILS
DRILLING CEMENT 25%

265 - 270 DOLOSTONE; MODERATE YELLOWISH BROWN TO GRAYISH ORANGE
POROSITY: INTERGRANULAR, VUGULAR; 50-90% ALTERED;
EUHEDRAL
GRAIN SIZE: MICROCRYSTALLINE
RANGE: MICROCRYSTALLINE TO CRYPTOCRYSTALLINE
GOOD INDURATION
CEMENT TYPE(S): DOLOMITE CEMENT
ACCESSORY MINERALS: LIMESTONE-01%, CALCITE- T%
OTHER FEATURES: SUCROSIC, HIGH RECRYSTALLIZATION
FOSSILS: NO FOSSILS
DRILLING CEMENT 15%

270 - 275 PACKSTONE; VERY LIGHT ORANGE TO MODERATE YELLOWISH BROWN
POROSITY: INTERGRANULAR
GRAIN TYPE: PELLET, SKELETAL, CALCILUTITE
70% ALLOCHEMICAL CONSTITUENTS
GRAIN SIZE: FINE; RANGE: MEDIUM TO LITHOGRAPHIC
MODERATE INDURATION
CEMENT TYPE(S): CALCILUTITE MATRIX
ACCESSORY MINERALS: DOLOMITE-10%
FOSSILS: FOSSIL FRAGMENTS
DOLOMITE IS CRYPTOCRYSTALLINE, ANHEDRAL, AND POSSESSES NO
VUGS.

275 - 280 DOLOSTONE; MODERATE YELLOWISH BROWN TO GRAYISH ORANGE
POROSITY: INTERGRANULAR, VUGULAR; 50-90% ALTERED
SUBHEDRAL
GRAIN SIZE: MICROCRYSTALLINE
RANGE: MICROCRYSTALLINE TO CRYPTOCRYSTALLINE

GOOD INDURATION
 CEMENT TYPE(S): DOLOMITE CEMENT
 ACCESSORY MINERALS: LIMESTONE-02%
 OTHER FEATURES: HIGH RECRYSTALLIZATION
 FOSSILS: NO FOSSILS
 DRILLER'S CEMENT 5%

280 - 285 DOLOSTONE; GRAYISH ORANGE TO YELLOWISH GRAY
 POROSITY: INTERGRANULAR; 50-90% ALTERED; ANHEDRAL
 GRAIN SIZE: MICROCRYSTALLINE
 RANGE: MICROCRYSTALLINE TO CRYPTOCRYSTALLINE
 GOOD INDURATION
 CEMENT TYPE(S): DOLOMITE CEMENT
 ACCESSORY MINERALS: LIMESTONE-02%
 OTHER FEATURES: UNWASHED SAMPLE
 FOSSILS: NO FOSSILS
 DC 3% (DC= DRILLER'S CEMENT)

285 - 290 LIMESTONE; VERY LIGHT ORANGE TO YELLOWISH GRAY
 POROSITY: INTERGRANULAR, VUGULAR, MOLDIC
 GRAIN TYPE: CALCILUTITE; 10% ALLOCHEMICAL CONSTITUENTS
 GRAIN SIZE: MICROCRYSTALLINE
 RANGE: MICROCRYSTALLINE TO LITHOGRAPHIC
 OTHER FEATURES: HIGH RECRYSTALLIZATION, DOLOMITIC
 FOSSILS: ECHINOID, FOSSIL MOLDS
 DC 2%

290 - 295 WACKESTONE; VERY LIGHT ORANGE TO YELLOWISH GRAY
 POROSITY: INTERGRANULAR
 GRAIN TYPE: CALCILUTITE, PELLET
 15% ALLOCHEMICAL CONSTITUENTS
 GRAIN SIZE: MICROCRYSTALLINE; RANGE: FINE TO LITHOGRAPHIC
 MODERATE INDURATION
 CEMENT TYPE(S): CALCILUTITE MATRIX
 ACCESSORY MINERALS: DOLOMITE-30%
 OTHER FEATURES: LOW RECRYSTALLIZATION
 FOSSILS: FOSSIL FRAGMENTS
 DC 1%

295 - 300 DOLOSTONE; GRAYISH ORANGE TO MODERATE YELLOWISH BROWN
 POROSITY: INTERGRANULAR, VUGULAR, LOW PERMEABILITY
 50-90% ALTERED; SUBHEDRAL
 GRAIN SIZE: MICROCRYSTALLINE
 RANGE: MICROCRYSTALLINE TO CRYPTOCRYSTALLINE
 GOOD INDURATION
 CEMENT TYPE(S): DOLOMITE CEMENT
 OTHER FEATURES: HIGH RECRYSTALLIZATION
 FOSSILS: NO FOSSILS
 DC 3%

300 - 305 SAND; GRAYISH ORANGE TO MODERATE YELLOWISH BROWN
 POROSITY: INTERGRANULAR, VUGULAR, LOW PERMEABILITY
 GOOD INDURATION
 CEMENT TYPE(S): DOLOMITE CEMENT

ACCESSORY MINERALS: LIMESTONE-05%
OTHER FEATURES: HIGH RECRYSTALLIZATION
FOSSILS: FOSSIL FRAGMENTS
DC 5%

- 305 - 310 WACKESTONE; VERY LIGHT ORANGE TO GRAYISH ORANGE
POROSITY: INTERGRANULAR, VUGULAR
GRAIN TYPE: CALCILUTITE, PELLET, SKELETAL
20% ALLOCHEMICAL CONSTITUENTS
GRAIN SIZE: MICROCRYSTALLINE; RANGE: FINE TO LITHOGRAPHIC
MODERATE INDURATION
CEMENT TYPE(S): CALCILUTITE MATRIX
ACCESSORY MINERALS: DOLOMITE-07%
FOSSILS: FOSSIL FRAGMENTS
- 310 - 315 DOLOSTONE; VERY LIGHT ORANGE TO GRAYISH BROWN
POROSITY: INTERGRANULAR, VUGULAR; 50-90% ALTERED;
ANHEDRAL
GRAIN SIZE: MICROCRYSTALLINE
RANGE: MICROCRYSTALLINE TO CRYPTOCRYSTALLINE
GOOD INDURATION
CEMENT TYPE(S): DOLOMITE CEMENT
ACCESSORY MINERALS: LIMESTONE-01%
OTHER FEATURES: MEDIUM RECRYSTALLIZATION
FOSSILS: NO FOSSILS
DC 1%
- 315 - 320 DOLOSTONE; VERY LIGHT ORANGE TO GRAYISH BROWN
POROSITY: INTERGRANULAR, VUGULAR; 50-90% ALTERED;
ANHEDRAL
GRAIN SIZE: MICROCRYSTALLINE
RANGE: MICROCRYSTALLINE TO CRYPTOCRYSTALLINE
GOOD INDURATION
CEMENT TYPE(S): DOLOMITE CEMENT
OTHER FEATURES: MEDIUM RECRYSTALLIZATION
FOSSILS: NO FOSSILS
DC 1%
- 320 - 325 MUDSTONE; VERY LIGHT ORANGE TO GRAYISH ORANGE
POROSITY: INTERGRANULAR, VUGULAR
GRAIN TYPE: CALCILUTITE; 05% ALLOCHEMICAL CONSTITUENTS
GRAIN SIZE: MICROCRYSTALLINE
RANGE: MICROCRYSTALLINE TO LITHOGRAPHIC; GOOD INDURATION
CEMENT TYPE(S): CALCILUTITE MATRIX
ACCESSORY MINERALS: DOLOMITE-30%
FOSSILS: NO FOSSILS
- 325 - 330 WACKESTONE; VERY LIGHT ORANGE TO YELLOWISH GRAY
POROSITY: INTERGRANULAR
GRAIN TYPE: CALCILUTITE, PELLET, SKELETAL
40% ALLOCHEMICAL CONSTITUENTS
GRAIN SIZE: FINE; RANGE: MEDIUM TO LITHOGRAPHIC
MODERATE INDURATION
CEMENT TYPE(S): CALCILUTITE MATRIX

ACCESSORY MINERALS: DOLOMITE-20%, CALCILUTITE-15%
FOSSILS: FOSSIL FRAGMENTS
ACCESSORY MICRITE IS IN THE FORM OF A POORLY INDURATED
VERY PALE ORANGE TO WHITE CARBONATE MUDSTONE

- 330 - 335 WACKESTONE; VERY LIGHT ORANGE TO YELLOWISH GRAY
POROSITY: INTERGRANULAR
GRAIN TYPE: CALCILUTITE, PELLET
20% ALLOCHEMICAL CONSTITUENTS
GRAIN SIZE: FINE; RANGE: MEDIUM TO LITHOGRAPHIC
MODERATE INDURATION
CEMENT TYPE(S): CALCILUTITE MATRIX
ACCESSORY MINERALS: DOLOMITE-05%
FOSSILS: FOSSIL FRAGMENTS
DC 2%
- 335 - 340 LIMESTONE; VERY LIGHT ORANGE TO GRAYISH ORANGE
POROSITY: INTERGRANULAR, VUGULAR, MOLDIC
GRAIN TYPE: CALCILUTITE, PELLET, CRYSTALS
20% ALLOCHEMICAL CONSTITUENTS
GRAIN SIZE: VERY FINE; RANGE: FINE TO LITHOGRAPHIC
MODERATE INDURATION
CEMENT TYPE(S): CALCILUTITE MATRIX
FOSSILS: FOSSIL FRAGMENTS
TWO KINDS OF LIMESTONE: A CHALKY WACKESTONE (40%) AND A
RECRYSTALLIZED LIMESTONE WHOSE ORIGINAL FABRIC IS NOT
APPARENT (60%)
- 340 - 345 LIMESTONE; VERY LIGHT ORANGE TO MODERATE YELLOWISH BROWN
POROSITY: INTERGRANULAR
GRAIN TYPE: CALCILUTITE, CRYSTALS, PELLET
02% ALLOCHEMICAL CONSTITUENTS
GRAIN SIZE: MICROCRYSTALLINE
RANGE: VERY FINE TO LITHOGRAPHIC; GOOD INDURATION
CEMENT TYPE(S): CALCILUTITE MATRIX
ACCESSORY MINERALS: LIMESTONE-10%, DOLOMITE-05%
FOSSILS: NO FOSSILS
ACCESSORY LIMESTONE IS CHALKY, VERY PALE ORANGE MUDSTONE
- 345 - 350 PACKSTONE; YELLOWISH GRAY TO VERY LIGHT ORANGE
POROSITY: INTERGRANULAR, VUGULAR, MOLDIC
GRAIN TYPE: PELLET, SKELETAL, CALCILUTITE
80% ALLOCHEMICAL CONSTITUENTS
GRAIN SIZE: MEDIUM; RANGE: COARSE TO LITHOGRAPHIC
POOR INDURATION
CEMENT TYPE(S): CALCILUTITE MATRIX
ACCESSORY MINERALS: DOLOMITE-02%
FOSSILS: FOSSIL FRAGMENTS
DC 7%
- 350 - 360 DOLOSTONE; DARK YELLOWISH BROWN TO MODERATE YELLOWISH
BROWN
POROSITY: INTERCRYSTALLINE, INTERGRANULAR; 50-90% ALTERED
ANHEDRAL

GRAIN SIZE: MICROCRYSTALLINE
 RANGE: MICROCRYSTALLINE TO CRYPTOCRYSTALLINE
 GOOD INDURATION
 CEMENT TYPE(S): DOLOMITE CEMENT
 ACCESSORY MINERALS: LIMESTONE-02%
 OTHER FEATURES: HIGH RECRYSTALLIZATION
 FOSSILS: FOSSIL FRAGMENTS

360 - 365 WACKESTONE; VERY LIGHT ORANGE TO MODERATE YELLOWISH BROWN
 POROSITY: INTERGRANULAR, INTERCRYSTALLINE
 GRAIN TYPE: PELLET, CALCILUTITE, SKELETAL
 30% ALLOCHEMICAL CONSTITUENTS
 GRAIN SIZE: VERY FINE; RANGE: FINE TO LITHOGRAPHIC
 MODERATE INDURATION
 CEMENT TYPE(S): CALCILUTITE MATRIX
 ACCESSORY MINERALS: DOLOMITE-35%
 FOSSILS: FOSSIL FRAGMENTS
 DC 1%

365 - 370 DOLOSTONE; MODERATE YELLOWISH BROWN TO YELLOWISH GRAY
 POROSITY: INTERCRYSTALLINE, VUGULAR, INTERGRANULAR
 50-90% ALTERED; ANHEDRAL
 GRAIN SIZE: MICROCRYSTALLINE
 RANGE: MICROCRYSTALLINE TO CRYPTOCRYSTALLINE
 GOOD INDURATION
 CEMENT TYPE(S): DOLOMITE CEMENT
 ACCESSORY MINERALS: LIMESTONE-05%
 OTHER FEATURES: HIGH RECRYSTALLIZATION
 FOSSILS: NO FOSSILS

370 - 375 DOLOSTONE; DARK YELLOWISH BROWN TO VERY LIGHT ORANGE
 POROSITY: INTERCRYSTALLINE, INTERGRANULAR; 50-90% ALTERED
 ANHEDRAL
 GRAIN SIZE: MICROCRYSTALLINE
 RANGE: MICROCRYSTALLINE TO CRYPTOCRYSTALLINE
 GOOD INDURATION
 CEMENT TYPE(S): DOLOMITE CEMENT
 ACCESSORY MINERALS: LIMESTONE-20%
 OTHER FEATURES: HIGH RECRYSTALLIZATION
 FOSSILS: NO FOSSILS

375 - 380 DOLOSTONE; MODERATE YELLOWISH BROWN TO DARK YELLOWISH
 BROWN
 POROSITY: INTERCRYSTALLINE, VUGULAR; 50-90% ALTERED
 SUBHEDRAL
 GRAIN SIZE: MICROCRYSTALLINE
 RANGE: MICROCRYSTALLINE TO CRYPTOCRYSTALLINE
 GOOD INDURATION
 CEMENT TYPE(S): DOLOMITE CEMENT
 ACCESSORY MINERALS: LIMESTONE-03%
 OTHER FEATURES: SUCROSIC, HIGH RECRYSTALLIZATION
 FOSSILS: NO FOSSILS
 DC 1%

380 - 385 AS ABOVE

385 - 390 AS ABOVE

390 - 395 DOLOSTONE; DARK YELLOWISH BROWN TO MODERATE YELLOWISH
BROWN

POROSITY: INTERCRYSTALLINE, VUGULAR; 50-90% ALTERED
SUBHEDRAL
GRAIN SIZE: MICROCRYSTALLINE
RANGE: MICROCRYSTALLINE TO CRYPTOCRYSTALLINE
GOOD INDURATION
CEMENT TYPE(S): DOLOMITE CEMENT
ACCESSORY MINERALS: LIMESTONE-05%
OTHER FEATURES: HIGH RECRYSTALLIZATION
FOSSILS: NO FOSSILS

395 - 400 WACKESTONE; VERY LIGHT ORANGE TO YELLOWISH GRAY

POROSITY: INTERGRANULAR
GRAIN TYPE: CALCILUTITE, INTRACLASTS, PELLET
20% ALLOCHEMICAL CONSTITUENTS
GRAIN SIZE: LITHOGRAPHIC; RANGE: COARSE TO LITHOGRAPHIC
POOR INDURATION
CEMENT TYPE(S): CALCILUTITE MATRIX
ACCESSORY MINERALS: DOLOMITE-05%, ORGANICS-01%
FOSSILS: NO FOSSILS

400 - 405 DOLOSTONE; GRAYISH ORANGE TO YELLOWISH GRAY

POROSITY: VUGULAR, INTERGRANULAR
POSSIBLY HIGH PERMEABILITY; 50-90% ALTERED; ANHEDRAL
GRAIN SIZE: MICROCRYSTALLINE
RANGE: MICROCRYSTALLINE TO CRYPTOCRYSTALLINE
GOOD INDURATION
CEMENT TYPE(S): DOLOMITE CEMENT
OTHER FEATURES: MEDIUM RECRYSTALLIZATION
FOSSILS: NO FOSSILS

405 - 410 AS ABOVE

410 - 415 AS ABOVE

415 - 420 DOLOSTONE; GRAYISH ORANGE TO YELLOWISH GRAY

POROSITY: INTERGRANULAR; 10-50% ALTERED; ANHEDRAL
GRAIN SIZE: MICROCRYSTALLINE
RANGE: VERY FINE TO CRYPTOCRYSTALLINE; POOR INDURATION
CEMENT TYPE(S): DOLOMITE CEMENT
SEDIMENTARY STRUCTURES: LAMINATED
ACCESSORY MINERALS: LIMESTONE-02%
FOSSILS: NO FOSSILS

420 - 425 DOLOSTONE; VERY LIGHT ORANGE TO YELLOWISH GRAY
ANHEDRAL

GRAIN SIZE: MICROCRYSTALLINE

INDURATION RANGE: VERY FINE TO CRYPTOCRYSTALLINE; MODERATE

CEMENT TYPE(S): DOLOMITE CEMENT
ACCESSORY MINERALS: LIMESTONE-02%
OTHER FEATURES: MEDIUM RECRYSTALLIZATION
FOSSILS: NO FOSSILS

425 - 430 AS ABOVE

430 - 435 DOLOSTONE; VERY LIGHT ORANGE TO YELLOWISH GRAY
POROSITY: VUGULAR, INTERGRANULAR; 50-90% ALTERED;

ANHEDRAL GRAIN SIZE: MICROCRYSTALLINE
RANGE: VERY FINE TO CRYPTOCRYSTALLINE; MODERATE

INDURATION CEMENT TYPE(S): DOLOMITE CEMENT
SEDIMENTARY STRUCTURES: LAMINATED
ACCESSORY MINERALS: LIMESTONE-25%
FOSSILS: NO FOSSILS

435 - 440 AS ABOVE

440 - 445 LIMESTONE; VERY LIGHT ORANGE TO YELLOWISH GRAY
POROSITY: INTERGRANULAR, VUGULAR
GRAIN TYPE: CALCILUTITE, PELLET
10% ALLOCHEMICAL CONSTITUENTS
GRAIN SIZE: LITHOGRAPHIC; RANGE: COARSE TO LITHOGRAPHIC
MODERATE INDURATION
CEMENT TYPE(S): CALCILUTITE MATRIX, DOLOMITE CEMENT
ACCESSORY MINERALS: DOLOMITE-01%
OTHER FEATURES: DOLOMITIC, HIGH RECRYSTALLIZATION
FOSSILS: NO FOSSILS

445 - 450 AS ABOVE

450 - 455 AS ABOVE

455 - 460 LIMESTONE; VERY LIGHT ORANGE TO YELLOWISH GRAY
POROSITY: INTERGRANULAR, VUGULAR, MOLDIC
GRAIN TYPE: CALCILUTITE, CRYSTALS
10% ALLOCHEMICAL CONSTITUENTS
GRAIN SIZE: LITHOGRAPHIC
RANGE: MICROCRYSTALLINE TO LITHOGRAPHIC; GOOD INDURATION
CEMENT TYPE(S): CALCILUTITE MATRIX
ACCESSORY MINERALS: DOLOMITE-01%
OTHER FEATURES: DOLOMITIC, HIGH RECRYSTALLIZATION
FOSSILS: NO FOSSILS

460 - 465 AS ABOVE

465 - 470 AS ABOVE

470 - 475 AS ABOVE

475 - 480 AS ABOVE

480 - 485 WACKESTONE; VERY LIGHT ORANGE TO YELLOWISH GRAY
POROSITY: INTERGRANULAR
GRAIN TYPE: CALCILUTITE, PELLET
15% ALLOCHEMICAL CONSTITUENTS
GRAIN SIZE: VERY FINE; RANGE: VERY FINE TO LITHOGRAPHIC
POOR INDURATION
CEMENT TYPE(S): CALCILUTITE MATRIX
OTHER FEATURES: LOW RECRYSTALLIZATION, DOLOMITIC
FOSSILS: NO FOSSILS

485 - 490 DOLOSTONE; YELLOWISH GRAY TO GRAYISH BROWN
POROSITY: VUGULAR, MOLDIC, INTERGRANULAR; 10-50% ALTERED
ANHEDRAL
GRAIN SIZE: MICROCRYSTALLINE
RANGE: MICROCRYSTALLINE TO CRYPTOCRYSTALLINE
GOOD INDURATION
CEMENT TYPE(S): DOLOMITE CEMENT
ACCESSORY MINERALS: LIMESTONE-03%
OTHER FEATURES: CALCAREOUS, MEDIUM RECRYSTALLIZATION
FOSSILS: NO FOSSILS

490 - 495 AS ABOVE

495 - 500 WACKESTONE; VERY LIGHT ORANGE TO YELLOWISH GRAY
POROSITY: INTERGRANULAR, VUGULAR
GRAIN TYPE: CALCILUTITE, PELLET
10% ALLOCHEMICAL CONSTITUENTS
GRAIN SIZE: LITHOGRAPHIC; RANGE: VERY FINE TO
LITHOGRAPHIC
MODERATE INDURATION
CEMENT TYPE(S): CALCILUTITE MATRIX
OTHER FEATURES: LOW RECRYSTALLIZATION, DOLOMITIC
FOSSILS: NO FOSSILS

500 - 505 LIMESTONE; VERY LIGHT ORANGE TO YELLOWISH GRAY
POROSITY: INTERGRANULAR, VUGULAR, MOLDIC
GRAIN TYPE: CALCILUTITE, CRYSTALS
05% ALLOCHEMICAL CONSTITUENTS
GRAIN SIZE: LITHOGRAPHIC; RANGE: VERY FINE TO
LITHOGRAPHIC
MODERATE INDURATION
CEMENT TYPE(S): CALCILUTITE MATRIX
OTHER FEATURES: MEDIUM RECRYSTALLIZATION, DOLOMITIC
FOSSILS: NO FOSSILS

505 - 510 AS ABOVE

510 - 515 AS ABOVE

515 - 520 AS ABOVE

520 - 525 AS ABOVE

525 - 530 DOLOSTONE; GRAYISH BROWN TO YELLOWISH GRAY
POROSITY: VUGULAR, MOLDIC, INTERGRANULAR; 50-90% ALTERED
ANHEDRAL
GRAIN SIZE: MICROCRYSTALLINE
RANGE: MICROCRYSTALLINE TO CRYPTOCRYSTALLINE
GOOD INDURATION
CEMENT TYPE(S): DOLOMITE CEMENT
ACCESSORY MINERALS: LIMESTONE-05%
FOSSILS: NO FOSSILS
DC 1%

530 - 535 DOLOSTONE; GRAYISH BROWN TO YELLOWISH GRAY
POROSITY: VUGULAR, MOLDIC, INTERGRANULAR; 50-90% ALTERED
ANHEDRAL
GRAIN SIZE: MICROCRYSTALLINE
RANGE: MICROCRYSTALLINE TO CRYPTOCRYSTALLINE
GOOD INDURATION
CEMENT TYPE(S): DOLOMITE CEMENT
ACCESSORY MINERALS: LIMESTONE-02%
FOSSILS: NO FOSSILS

535 - 540 AS ABOVE

540 - 545 AS ABOVE

545 - 550 AS ABOVE

550 - 555 AS ABOVE

555 - 560 LIMESTONE; VERY LIGHT ORANGE TO YELLOWISH GRAY
POROSITY: VUGULAR, INTERGRANULAR, MOLDIC
GRAIN TYPE: CALCILUTITE, CRYSTALS
05% ALLOCHEMICAL CONSTITUENTS
GRAIN SIZE: LITHOGRAPHIC; RANGE: VERY FINE TO
LITHOGRAPHIC
MODERATE INDURATION
CEMENT TYPE(S): CALCILUTITE MATRIX
ACCESSORY MINERALS: DOLOMITE-01%
OTHER FEATURES: HIGH RECRYSTALLIZATION, DOLOMITIC
FOSSILS: NO FOSSILS

560 - 565 DOLOSTONE; YELLOWISH GRAY TO GRAYISH BROWN
POROSITY: VUGULAR, INTERGRANULAR, MOLDIC; 50-90% ALTERED
ANHEDRAL
GRAIN SIZE: MICROCRYSTALLINE
RANGE: MICROCRYSTALLINE TO CRYPTOCRYSTALLINE
GOOD INDURATION
CEMENT TYPE(S): DOLOMITE CEMENT
FOSSILS: NO FOSSILS

565 - 570 AS ABOVE

570 - 575 DOLOSTONE; YELLOWISH GRAY TO GRAYISH BROWN

POROSITY: VUGULAR, INTERGRANULAR, MOLDIC; 50-90% ALTERED
SUBHEDRAL
GRAIN SIZE: MICROCRYSTALLINE
RANGE: MICROCRYSTALLINE TO CRYPTOCRYSTALLINE
GOOD INDURATION
CEMENT TYPE(S): DOLOMITE CEMENT, CALCILUTITE MATRIX
ACCESSORY MINERALS: LIMESTONE-02%
FOSSILS: NO FOSSILS

575 - 580 DOLOSTONE; YELLOWISH GRAY TO GRAYISH BROWN
POROSITY: VUGULAR, INTERGRANULAR, MOLDIC; 50-90% ALTERED
SUBHEDRAL
GRAIN SIZE: MICROCRYSTALLINE
RANGE: MICROCRYSTALLINE TO CRYPTOCRYSTALLINE
GOOD INDURATION
CEMENT TYPE(S): DOLOMITE CEMENT, CALCILUTITE MATRIX
ACCESSORY MINERALS: ORGANICS- T%
OTHER FEATURES: CALCAREOUS, MEDIUM RECRYSTALLIZATION
FOSSILS: NO FOSSILS

580 - 585 AS ABOVE

585 - 590 AS ABOVE
DC 1%

590 - 595 AS ABOVE

595 - 600 AS ABOVE

600 - 605 DOLOSTONE; YELLOWISH GRAY TO GRAYISH BROWN
POROSITY: VUGULAR, INTERGRANULAR, MOLDIC; 50-90% ALTERED
ANHEDRAL
GRAIN SIZE: MICROCRYSTALLINE
RANGE: MICROCRYSTALLINE TO CRYPTOCRYSTALLINE
GOOD INDURATION
CEMENT TYPE(S): DOLOMITE CEMENT, CALCILUTITE MATRIX
OTHER FEATURES: CALCAREOUS, MEDIUM RECRYSTALLIZATION
FOSSILS: NO FOSSILS
DC 2%

605 - 610 LIMESTONE; YELLOWISH GRAY TO GRAYISH BROWN
POROSITY: VUGULAR, INTERGRANULAR, MOLDIC
GRAIN TYPE: CRYSTALS, CALCILUTITE
05% ALLOCHEMICAL CONSTITUENTS
GRAIN SIZE: MICROCRYSTALLINE
RANGE: MICROCRYSTALLINE TO LITHOGRAPHIC; GOOD INDURATION
CEMENT TYPE(S): CALCILUTITE MATRIX, DOLOMITE CEMENT
ACCESSORY MINERALS: DOLOMITE-02%
OTHER FEATURES: DOLOMITIC, MEDIUM RECRYSTALLIZATION
FOSSILS: NO FOSSILS

610 - 615 AS ABOVE

615 - 620 LIMESTONE; YELLOWISH GRAY TO GRAYISH BROWN

POROSITY: VUGULAR, INTERGRANULAR, MOLDIC
 GRAIN TYPE: CRYSTALS, CALCILUTITE
 05% ALLOCHEMICAL CONSTITUENTS
 GRAIN SIZE: MICROCRYSTALLINE
 RANGE: MICROCRYSTALLINE TO LITHOGRAPHIC; GOOD INDURATION
 CEMENT TYPE(S): CALCILUTITE MATRIX, DOLOMITE CEMENT
 ACCESSORY MINERALS: DOLOMITE-15%
 OTHER FEATURES: DOLOMITIC, MEDIUM RECRYSTALLIZATION
 FOSSILS: NO FOSSILS

620 - 625 DOLOSTONE; YELLOWISH GRAY TO GRAYISH BROWN
 POROSITY: VUGULAR, INTERGRANULAR, MOLDIC; 50-90% ALTERED
 ANHEDRAL
 GRAIN SIZE: MICROCRYSTALLINE
 RANGE: MICROCRYSTALLINE TO CRYPTOCRYSTALLINE
 GOOD INDURATION
 CEMENT TYPE(S): DOLOMITE CEMENT, CALCILUTITE MATRIX
 ACCESSORY MINERALS: ANHYDRITE-01%
 OTHER FEATURES: CALCAREOUS, MEDIUM RECRYSTALLIZATION
 FOSSILS: NO FOSSILS

625 - 630 AS ABOVE

630 - 635 DOLOSTONE; YELLOWISH GRAY TO GRAYISH BROWN
 POROSITY: VUGULAR, INTERGRANULAR, MOLDIC; 50-90% ALTERED
 ANHEDRAL
 GRAIN SIZE: MICROCRYSTALLINE
 RANGE: MICROCRYSTALLINE TO CRYPTOCRYSTALLINE
 GOOD INDURATION
 CEMENT TYPE(S): DOLOMITE CEMENT, CALCILUTITE MATRIX
 ACCESSORY MINERALS: LIMESTONE-05%, ORGANICS-01%
 OTHER FEATURES: MEDIUM RECRYSTALLIZATION, CALCAREOUS
 FOSSILS: NO FOSSILS

635 - 640 LIMESTONE; YELLOWISH GRAY TO GRAYISH BROWN
 POROSITY: VUGULAR, INTERGRANULAR, MOLDIC
 GRAIN TYPE: CRYSTALS, CALCILUTITE
 05% ALLOCHEMICAL CONSTITUENTS
 GRAIN SIZE: MICROCRYSTALLINE
 RANGE: MICROCRYSTALLINE TO LITHOGRAPHIC; GOOD INDURATION
 CEMENT TYPE(S): CALCILUTITE MATRIX, DOLOMITE CEMENT
 ACCESSORY MINERALS: ORGANICS-01%
 OTHER FEATURES: MEDIUM RECRYSTALLIZATION, DOLOMITIC
 FOSSILS: NO FOSSILS

640 - 645 LIMESTONE; YELLOWISH GRAY TO GRAYISH BROWN
 POROSITY: VUGULAR, INTERGRANULAR, MOLDIC
 GRAIN TYPE: CRYSTALS, CALCILUTITE
 05% ALLOCHEMICAL CONSTITUENTS
 GRAIN SIZE: MICROCRYSTALLINE
 RANGE: MICROCRYSTALLINE TO LITHOGRAPHIC; GOOD INDURATION
 CEMENT TYPE(S): CALCILUTITE MATRIX, DOLOMITE CEMENT
 ACCESSORY MINERALS: ORGANICS-03%, DOLOMITE-02%
 OTHER FEATURES: HIGH RECRYSTALLIZATION, DOLOMITIC

FOSSILS: NO FOSSILS

- 645 - 650 DOLOSTONE; YELLOWISH GRAY TO GRAYISH BROWN
POROSITY: VUGULAR, INTERGRANULAR, MOLDIC; 50-90% ALTERED
ANHEDRAL
GRAIN SIZE: MICROCRYSTALLINE
RANGE: MICROCRYSTALLINE TO CRYPTOCRYSTALLINE
GOOD INDURATION
CEMENT TYPE(S): DOLOMITE CEMENT, CALCILUTITE MATRIX
ACCESSORY MINERALS: LIMESTONE-05%
OTHER FEATURES: MEDIUM RECRYSTALLIZATION, CALCAREOUS
FOSSILS: NO FOSSILS
- 650 - 655 DOLOSTONE; YELLOWISH GRAY TO GRAYISH BROWN
POROSITY: VUGULAR, INTERGRANULAR, MOLDIC; 50-90% ALTERED
ANHEDRAL
GRAIN SIZE: MICROCRYSTALLINE
RANGE: MICROCRYSTALLINE TO CRYPTOCRYSTALLINE
GOOD INDURATION
CEMENT TYPE(S): DOLOMITE CEMENT, CALCILUTITE MATRIX
ACCESSORY MINERALS: LIMESTONE-07%, ORGANICS-01%
OTHER FEATURES: MEDIUM RECRYSTALLIZATION, CALCAREOUS
FOSSILS: NO FOSSILS
DC 2%
- 655 - 660 AS ABOVE
- 660 - 665 LIMESTONE; VERY LIGHT ORANGE TO YELLOWISH GRAY
POROSITY: VUGULAR, INTERGRANULAR, MOLDIC
GRAIN TYPE: CRYSTALS, CALCILUTITE
05% ALLOCHEMICAL CONSTITUENTS
GRAIN SIZE: MICROCRYSTALLINE
RANGE: MICROCRYSTALLINE TO LITHOGRAPHIC; GOOD INDURATION
CEMENT TYPE(S): CALCILUTITE MATRIX, DOLOMITE CEMENT
ACCESSORY MINERALS: DOLOMITE-02%
OTHER FEATURES: HIGH RECRYSTALLIZATION, DOLOMITIC
FOSSILS: NO FOSSILS
DC 2%
- 665 - 670 LIMESTONE; VERY LIGHT ORANGE TO YELLOWISH GRAY
POROSITY: VUGULAR, INTERGRANULAR, MOLDIC
GRAIN TYPE: CRYSTALS, CALCILUTITE
05% ALLOCHEMICAL CONSTITUENTS
GRAIN SIZE: MICROCRYSTALLINE
RANGE: MICROCRYSTALLINE TO LITHOGRAPHIC; GOOD INDURATION
CEMENT TYPE(S): CALCILUTITE MATRIX, DOLOMITE CEMENT
ACCESSORY MINERALS: ORGANICS-02%
OTHER FEATURES: HIGH RECRYSTALLIZATION, DOLOMITIC
FOSSILS: NO FOSSILS
DC 1%
- 670 - 675 LIMESTONE; VERY LIGHT ORANGE TO YELLOWISH GRAY
POROSITY: INTERGRANULAR, VUGULAR, MOLDIC
GRAIN TYPE: CRYSTALS, CALCILUTITE

05% ALLOCHEMICAL CONSTITUENTS
 GRAIN SIZE: MICROCRYSTALLINE
 RANGE: MICROCRYSTALLINE TO LITHOGRAPHIC; GOOD INDURATION
 CEMENT TYPE(S): CALCILUTITE MATRIX, DOLOMITE CEMENT
 ACCESSORY MINERALS: DOLOMITE-05%
 OTHER FEATURES: MEDIUM RECRYSTALLIZATION, DOLOMITIC
 FOSSILS: NO FOSSILS
 DC 1%

675 - 680 AS ABOVE

680 - 685 LIMESTONE; VERY LIGHT ORANGE TO YELLOWISH GRAY
 POROSITY: INTERGRANULAR, VUGULAR, MOLDIC
 GRAIN TYPE: CRYSTALS, CALCILUTITE
 05% ALLOCHEMICAL CONSTITUENTS
 GRAIN SIZE: MICROCRYSTALLINE
 RANGE: MICROCRYSTALLINE TO LITHOGRAPHIC; GOOD INDURATION
 CEMENT TYPE(S): CALCILUTITE MATRIX, DOLOMITE CEMENT
 ACCESSORY MINERALS: ORGANICS-02%
 OTHER FEATURES: MEDIUM RECRYSTALLIZATION, DOLOMITIC
 FOSSILS: NO FOSSILS

685 - 690 LIMESTONE; VERY LIGHT ORANGE TO YELLOWISH GRAY
 POROSITY: INTERGRANULAR, VUGULAR, MOLDIC
 GRAIN TYPE: CRYSTALS, CALCILUTITE
 05% ALLOCHEMICAL CONSTITUENTS
 GRAIN SIZE: MICROCRYSTALLINE
 RANGE: MICROCRYSTALLINE TO LITHOGRAPHIC; GOOD INDURATION
 CEMENT TYPE(S): CALCILUTITE MATRIX, DOLOMITE CEMENT
 ACCESSORY MINERALS: ORGANICS-02%
 OTHER FEATURES: MEDIUM RECRYSTALLIZATION, DOLOMITIC
 FOSSILS: NO FOSSILS
 DC 1%

690 - 695 LIMESTONE; VERY LIGHT ORANGE TO YELLOWISH GRAY
 POROSITY: INTERGRANULAR, VUGULAR, MOLDIC
 GRAIN TYPE: CRYSTALS, CALCILUTITE
 05% ALLOCHEMICAL CONSTITUENTS
 GRAIN SIZE: MICROCRYSTALLINE
 RANGE: MICROCRYSTALLINE TO LITHOGRAPHIC; GOOD INDURATION
 CEMENT TYPE(S): CALCILUTITE MATRIX, DOLOMITE CEMENT
 OTHER FEATURES: MEDIUM RECRYSTALLIZATION, DOLOMITIC
 FOSSILS: NO FOSSILS
 DC 1%

695 - 700 DOLOSTONE; VERY LIGHT ORANGE TO YELLOWISH GRAY
 POROSITY: INTERGRANULAR, MOLDIC, VUGULAR; 10-50% ALTERED
 ANHEDRAL
 GRAIN SIZE: MICROCRYSTALLINE
 RANGE: MICROCRYSTALLINE TO CRYPTOCRYSTALLINE
 GOOD INDURATION
 CEMENT TYPE(S): DOLOMITE CEMENT, CALCILUTITE MATRIX
 ACCESSORY MINERALS: ORGANICS- T%
 OTHER FEATURES: MEDIUM RECRYSTALLIZATION, CALCAREOUS

FOSSILS: NO FOSSILS
DC 4%

700 - 705 LIMESTONE; VERY LIGHT ORANGE TO YELLOWISH GRAY
POROSITY: INTERGRANULAR, MOLDIC, VUGULAR
GRAIN TYPE: CRYSTALS, CALCILUTITE
05% ALLOCHEMICAL CONSTITUENTS
GRAIN SIZE: MICROCRYSTALLINE
RANGE: MICROCRYSTALLINE TO LITHOGRAPHIC; GOOD INDURATION
CEMENT TYPE(S): CALCILUTITE MATRIX, DOLOMITE CEMENT
ACCESSORY MINERALS: ORGANICS- T%, DOLOMITE-01%
OTHER FEATURES: MEDIUM RECRYSTALLIZATION, DOLOMITIC
DC 2%

705 - 710 AS ABOVE

710 - 715 AS ABOVE

715 - 720 DOLOSTONE; YELLOWISH GRAY TO GRAYISH ORANGE
POROSITY: VUGULAR, MOLDIC, INTERCRYSTALLINE
50-90% ALTERED; ANHEDRAL
GRAIN SIZE: MICROCRYSTALLINE
RANGE: MICROCRYSTALLINE TO CRYPTOCRYSTALLINE
GOOD INDURATION
CEMENT TYPE(S): DOLOMITE CEMENT
ACCESSORY MINERALS: ORGANICS- T%
OTHER FEATURES: CALCAREOUS
FOSSILS: NO FOSSILS

720 - 725 AS ABOVE

725 - 730 AS ABOVE

730 - 735 AS ABOVE

735 - 740 DOLOSTONE; YELLOWISH GRAY TO GRAYISH ORANGE
POROSITY: VUGULAR, MOLDIC, INTERCRYSTALLINE
50-90% ALTERED; ANHEDRAL
GRAIN SIZE: MICROCRYSTALLINE
RANGE: MICROCRYSTALLINE TO CRYPTOCRYSTALLINE
GOOD INDURATION
CEMENT TYPE(S): DOLOMITE CEMENT
ACCESSORY MINERALS: LIMESTONE-10%, ORGANICS- T%
OTHER FEATURES: CALCAREOUS
FOSSILS: NO FOSSILS

740 - 745 AS ABOVE

745 - 750 DOLOSTONE; YELLOWISH GRAY TO GRAYISH ORANGE
POROSITY: VUGULAR, MOLDIC, INTERCRYSTALLINE
50-90% ALTERED; ANHEDRAL
GRAIN SIZE: MICROCRYSTALLINE
RANGE: MICROCRYSTALLINE TO CRYPTOCRYSTALLINE
GOOD INDURATION

CEMENT TYPE(S): DOLOMITE CEMENT
OTHER FEATURES: CALCAREOUS
FOSSILS: NO FOSSILS

750 - 755 AS ABOVE

755 - 760 AS ABOVE

760 - 765 AS ABOVE

765 - 770 AS ABOVE

770 - 775 DOLOSTONE; YELLOWISH GRAY TO GRAYISH ORANGE
POROSITY: VUGULAR, MOLDIC, INTERCRYSTALLINE
50-90% ALTERED; ANHEDRAL
GRAIN SIZE: MICROCRYSTALLINE
RANGE: MICROCRYSTALLINE TO CRYPTOCRYSTALLINE
GOOD INDURATION
CEMENT TYPE(S): DOLOMITE CEMENT
OTHER FEATURES: CALCAREOUS
FOSSILS: NO FOSSILS

775 - 780 DOLOSTONE; YELLOWISH GRAY TO GRAYISH ORANGE
POROSITY: VUGULAR, MOLDIC, INTERCRYSTALLINE
50-90% ALTERED; ANHEDRAL
GRAIN SIZE: MICROCRYSTALLINE
RANGE: MICROCRYSTALLINE TO CRYPTOCRYSTALLINE
GOOD INDURATION
CEMENT TYPE(S): DOLOMITE CEMENT
ACCESSORY MINERALS: LIMESTONE-01%
OTHER FEATURES: CALCAREOUS
FOSSILS: NO FOSSILS

780 - 785 AS ABOVE

785 - 790 DOLOSTONE; YELLOWISH GRAY TO GRAYISH ORANGE
POROSITY: VUGULAR, MOLDIC, INTERCRYSTALLINE
50-90% ALTERED; ANHEDRAL
GRAIN SIZE: MICROCRYSTALLINE
RANGE: MICROCRYSTALLINE TO CRYPTOCRYSTALLINE
GOOD INDURATION
CEMENT TYPE(S): DOLOMITE CEMENT
ACCESSORY MINERALS: LIMESTONE-05%
OTHER FEATURES: CALCAREOUS
FOSSILS: NO FOSSILS

790 - 795 DOLOSTONE; YELLOWISH GRAY TO GRAYISH ORANGE
POROSITY: VUGULAR, MOLDIC, INTERCRYSTALLINE
50-90% ALTERED; ANHEDRAL
GRAIN SIZE: MICROCRYSTALLINE
RANGE: MICROCRYSTALLINE TO CRYPTOCRYSTALLINE
GOOD INDURATION
CEMENT TYPE(S): DOLOMITE CEMENT
OTHER FEATURES: CALCAREOUS

FOSSILS: NO FOSSILS

795 - 800 AS ABOVE

800 - 805 AS ABOVE

805 - 810 AS ABOVE

810 - 815 AS ABOVE

815 - 820 DOLOSTONE; YELLOWISH GRAY TO GRAYISH ORANGE
POROSITY: VUGULAR, MOLDIC, INTERCRYSTALLINE
50-90% ALTERED; ANHEDRAL
GRAIN SIZE: MICROCRYSTALLINE
RANGE: MICROCRYSTALLINE TO CRYPTOCRYSTALLINE
GOOD INDURATION
CEMENT TYPE(S): DOLOMITE CEMENT
ACCESSORY MINERALS: ORGANICS- T%
OTHER FEATURES: CALCAREOUS
FOSSILS: NO FOSSILS

820 - 825 DOLOSTONE; YELLOWISH GRAY TO GRAYISH ORANGE
POROSITY: VUGULAR, MOLDIC, INTERCRYSTALLINE
50-90% ALTERED; ANHEDRAL
GRAIN SIZE: MICROCRYSTALLINE
RANGE: MICROCRYSTALLINE TO CRYPTOCRYSTALLINE
GOOD INDURATION
CEMENT TYPE(S): DOLOMITE CEMENT
ACCESSORY MINERALS: ORGANICS-01%
OTHER FEATURES: CALCAREOUS
FOSSILS: NO FOSSILS

825 - 830 DOLOSTONE; YELLOWISH GRAY TO GRAYISH ORANGE
POROSITY: VUGULAR, MOLDIC, INTERCRYSTALLINE
50-90% ALTERED; ANHEDRAL
GRAIN SIZE: MICROCRYSTALLINE
RANGE: MICROCRYSTALLINE TO CRYPTOCRYSTALLINE
GOOD INDURATION
CEMENT TYPE(S): DOLOMITE CEMENT
ACCESSORY MINERALS: ORGANICS-02%
OTHER FEATURES: CALCAREOUS
FOSSILS: NO FOSSILS
DC 1%

830 - 835 AS ABOVE

835 - 840 DOLOSTONE; YELLOWISH GRAY TO GRAYISH ORANGE
POROSITY: VUGULAR, MOLDIC, INTERCRYSTALLINE
50-90% ALTERED; ANHEDRAL
GRAIN SIZE: MICROCRYSTALLINE
RANGE: MICROCRYSTALLINE TO CRYPTOCRYSTALLINE
GOOD INDURATION
CEMENT TYPE(S): DOLOMITE CEMENT
ACCESSORY MINERALS: LIMESTONE-02%

OTHER FEATURES: CALCAREOUS
FOSSILS: NO FOSSILS

840 - 845 AS ABOVE

845 - 850 AS ABOVE

850 - 855 LIMESTONE; VERY LIGHT ORANGE TO YELLOWISH GRAY
POROSITY: VUGULAR, MOLDIC, INTERGRANULAR
GRAIN TYPE: CALCILUTITE, PELLET
15% ALLOCHEMICAL CONSTITUENTS
GRAIN SIZE: MICROCRYSTALLINE
RANGE: VERY FINE TO LITHOGRAPHIC; MODERATE INDURATION
CEMENT TYPE(S): CALCILUTITE MATRIX
ACCESSORY MINERALS: ORGANICS- T%
OTHER FEATURES: DOLOMITIC
FOSSILS: NO FOSSILS

855 - 860 AS ABOVE

860 - 865 SILT-SIZE DOLOMITE; YELLOWISH GRAY TO VERY LIGHT ORANGE
POROSITY: INTERGRANULAR; POOR INDURATION
CEMENT TYPE(S): DOLOMITE CEMENT
ACCESSORY MINERALS: DOLOMITE-03%, ORGANICS-02%
LIMESTONE-03%
FOSSILS: NO FOSSILS

865 - 870 DOLOSTONE; YELLOWISH GRAY TO DARK YELLOWISH BROWN
POROSITY: VUGULAR, INTERGRANULAR; 50-90% ALTERED;
ANHEDRAL
GRAIN SIZE: MICROCRYSTALLINE
RANGE: MICROCRYSTALLINE TO CRYPTOCRYSTALLINE
GOOD INDURATION
CEMENT TYPE(S): DOLOMITE CEMENT
ACCESSORY MINERALS: LIMESTONE-15%, CLAY-10%, ORGANICS- T%
OTHER FEATURES: CALCAREOUS
FOSSILS: NO FOSSILS

870 - 875 DOLOSTONE; YELLOWISH GRAY TO DARK YELLOWISH BROWN
POROSITY: VUGULAR, INTERGRANULAR, INTERCRYSTALLINE
50-90% ALTERED; ANHEDRAL
GRAIN SIZE: MICROCRYSTALLINE
RANGE: MICROCRYSTALLINE TO CRYPTOCRYSTALLINE
GOOD INDURATION
CEMENT TYPE(S): DOLOMITE CEMENT
ACCESSORY MINERALS: CLAY-30%
OTHER FEATURES: CALCAREOUS
FOSSILS: NO FOSSILS

875 - 880 CLAY; GRAYISH BROWN TO DARK YELLOWISH ORANGE
POROSITY: INTERGRANULAR; POOR INDURATION
CEMENT TYPE(S): CLAY MATRIX
ACCESSORY MINERALS: GYPSUM-07%, CLAY-01%
OTHER FEATURES: CALCAREOUS

FOSSILS: NO FOSSILS

- 880 - 885 DOLOSTONE; YELLOWISH GRAY TO DARK YELLOWISH BROWN
POROSITY: VUGULAR, INTERGRANULAR, INTERCRYSTALLINE
50-90% ALTERED; ANHEDRAL
GRAIN SIZE: MICROCRYSTALLINE
RANGE: MICROCRYSTALLINE TO CRYPTOCRYSTALLINE
GOOD INDURATION
CEMENT TYPE(S): DOLOMITE CEMENT
ACCESSORY MINERALS: GYPSUM-07%, CLAY-01%
OTHER FEATURES: CALCAREOUS
FOSSILS: NO FOSSILS
- 885 - 890 AS ABOVE
- 890 - 895 DOLOSTONE; YELLOWISH GRAY TO DARK YELLOWISH BROWN
POROSITY: VUGULAR, INTERGRANULAR, INTERCRYSTALLINE
50-90% ALTERED; ANHEDRAL
GRAIN SIZE: MICROCRYSTALLINE
RANGE: MICROCRYSTALLINE TO CRYPTOCRYSTALLINE
GOOD INDURATION
CEMENT TYPE(S): DOLOMITE CEMENT
ACCESSORY MINERALS: GYPSUM-01%, LIMESTONE-15%
OTHER FEATURES: CALCAREOUS
FOSSILS: NO FOSSILS
- 895 - 900 DOLOSTONE; YELLOWISH GRAY TO WHITE
POROSITY: VUGULAR, MOLDIC, INTERGRANULAR; 50-90% ALTERED
ANHEDRAL
GRAIN SIZE: MICROCRYSTALLINE
RANGE: MICROCRYSTALLINE TO CRYPTOCRYSTALLINE
GOOD INDURATION
CEMENT TYPE(S): DOLOMITE CEMENT
ACCESSORY MINERALS: GYPSUM-05%
FOSSILS: NO FOSSILS
- 900 - 905 DOLOSTONE; YELLOWISH GRAY TO GRAYISH ORANGE
POROSITY: VUGULAR, MOLDIC, INTERGRANULAR; 50-90% ALTERED
ANHEDRAL
GRAIN SIZE: MICROCRYSTALLINE
RANGE: MICROCRYSTALLINE TO CRYPTOCRYSTALLINE
GOOD INDURATION
CEMENT TYPE(S): DOLOMITE CEMENT
ACCESSORY MINERALS: GYPSUM-05%, ORGANICS-01%
FOSSILS: NO FOSSILS
- 905 - 910 DOLOSTONE; YELLOWISH GRAY TO GRAYISH BROWN
POROSITY: VUGULAR, MOLDIC, INTERGRANULAR; 50-90% ALTERED
ANHEDRAL
GRAIN SIZE: MICROCRYSTALLINE
RANGE: MICROCRYSTALLINE TO CRYPTOCRYSTALLINE
GOOD INDURATION
CEMENT TYPE(S): DOLOMITE CEMENT
ACCESSORY MINERALS: GYPSUM-03%, ORGANICS-02%

FOSSILS: NO FOSSILS

- 910 - 915 DOLOSTONE; YELLOWISH GRAY TO DARK YELLOWISH BROWN
POROSITY: VUGULAR, MOLDIC, INTERGRANULAR; 50-90% ALTERED
ANHEDRAL
GRAIN SIZE: MICROCRYSTALLINE
RANGE: MICROCRYSTALLINE TO CRYPTOCRYSTALLINE
GOOD INDURATION
CEMENT TYPE(S): DOLOMITE CEMENT
ACCESSORY MINERALS: GYPSUM-10%, CHERT-15%
FOSSILS: NO FOSSILS
- 915 - 920 AS ABOVE
- 920 - 925 DOLOSTONE; YELLOWISH GRAY TO WHITE
POROSITY: VUGULAR, MOLDIC, INTERGRANULAR; 50-90% ALTERED
ANHEDRAL
GRAIN SIZE: MICROCRYSTALLINE
RANGE: MICROCRYSTALLINE TO CRYPTOCRYSTALLINE
GOOD INDURATION
CEMENT TYPE(S): DOLOMITE CEMENT
ACCESSORY MINERALS: GYPSUM-05%, ORGANICS-01%
FOSSILS: NO FOSSILS
- 925 - 930 DOLOSTONE; YELLOWISH GRAY TO WHITE
POROSITY: VUGULAR, MOLDIC, INTERGRANULAR; 50-90% ALTERED
ANHEDRAL
GRAIN SIZE: MICROCRYSTALLINE
RANGE: MICROCRYSTALLINE TO CRYPTOCRYSTALLINE
GOOD INDURATION
CEMENT TYPE(S): DOLOMITE CEMENT
ACCESSORY MINERALS: GYPSUM-05%
FOSSILS: NO FOSSILS
- 930 - 935 DOLOSTONE; YELLOWISH GRAY TO GRAYISH ORANGE
POROSITY: VUGULAR, MOLDIC, INTERGRANULAR; 50-90% ALTERED
ANHEDRAL
GRAIN SIZE: MICROCRYSTALLINE
RANGE: MICROCRYSTALLINE TO CRYPTOCRYSTALLINE
GOOD INDURATION
CEMENT TYPE(S): DOLOMITE CEMENT
ACCESSORY MINERALS: GYPSUM-02%, ORGANICS-02%
OTHER FEATURES: LOW RECRYSTALLIZATION
FOSSILS: NO FOSSILS
- 935 - 940 DOLOSTONE; YELLOWISH GRAY TO GRAYISH ORANGE
POROSITY: VUGULAR, MOLDIC, INTERGRANULAR; 50-90% ALTERED
ANHEDRAL
GRAIN SIZE: MICROCRYSTALLINE
RANGE: MICROCRYSTALLINE TO CRYPTOCRYSTALLINE
GOOD INDURATION
CEMENT TYPE(S): DOLOMITE CEMENT
ACCESSORY MINERALS: GYPSUM-40%, ORGANICS-01%
FOSSILS: NO FOSSILS

CHALKY
 DOLOMITE

GYPSUM IS IN TWO FORMS: PLATY, FIBROUS GYPSUM AND A
 WHITE POWDER. LATTER FORMS A LOOSE CEMENT BETWEEN
 CLASTS; PROBABLY NOT IN ORIGINAL FORM - COULD BE
 RE-PRECIPITATED.

940 - 945 AS ABOVE

945 - 950 DOLOSTONE; YELLOWISH GRAY TO DARK YELLOWISH BROWN
 POROSITY: VUGULAR, MOLDIC, INTERGRANULAR; 50-90% ALTERED
 ANHEDRAL
 GRAIN SIZE: MICROCRYSTALLINE
 RANGE: MICROCRYSTALLINE TO CRYPTOCRYSTALLINE
 GOOD INDURATION
 CEMENT TYPE(S): DOLOMITE CEMENT
 ACCESSORY MINERALS: GYPSUM-02%
 FOSSILS: NO FOSSILS
 GYPSUM CONTAINED WITHIN SOME PORE SPACES OF ROCK

950 - 955 DOLOSTONE; YELLOWISH GRAY TO WHITE
 POROSITY: VUGULAR, INTERGRANULAR, MOLDIC; 50-90% ALTERED
 ANHEDRAL
 GRAIN SIZE: MICROCRYSTALLINE
 RANGE: MICROCRYSTALLINE TO CRYPTOCRYSTALLINE
 GOOD INDURATION
 CEMENT TYPE(S): DOLOMITE CEMENT
 ACCESSORY MINERALS: GYPSUM-20%, CHERT-01%
 FOSSILS: NO FOSSILS

955 - 960 DOLOSTONE; YELLOWISH GRAY TO GRAYISH ORANGE
 POROSITY: VUGULAR, MOLDIC, INTERGRANULAR; 50-90% ALTERED
 ANHEDRAL
 GRAIN SIZE: MICROCRYSTALLINE
 RANGE: MICROCRYSTALLINE TO CRYPTOCRYSTALLINE
 GOOD INDURATION
 CEMENT TYPE(S): DOLOMITE CEMENT
 ACCESSORY MINERALS: GYPSUM-03%
 FOSSILS: NO FOSSILS

960 - 965 DOLOSTONE; GRAYISH ORANGE TO GRAYISH BROWN
 POROSITY: VUGULAR, MOLDIC, INTERGRANULAR; 50-90% ALTERED
 ANHEDRAL
 GRAIN SIZE: MICROCRYSTALLINE
 RANGE: MICROCRYSTALLINE TO CRYPTOCRYSTALLINE
 GOOD INDURATION
 CEMENT TYPE(S): DOLOMITE CEMENT
 ACCESSORY MINERALS: GYPSUM-05%
 FOSSILS: NO FOSSILS

965 - 970 AS ABOVE

970 - 975 AS ABOVE

975 - 980 DOLOSTONE; GRAYISH ORANGE TO GRAYISH BROWN
POROSITY: VUGULAR, MOLDIC, INTERGRANULAR; 50-90% ALTERED
ANHEDRAL
GRAIN SIZE: MICROCRYSTALLINE
RANGE: MICROCRYSTALLINE TO CRYPTOCRYSTALLINE
GOOD INDURATION
CEMENT TYPE(S): DOLOMITE CEMENT
ACCESSORY MINERALS: GYPSUM-03%, LIMESTONE-10%
FOSSILS: NO FOSSILS

980 - 985 DOLOSTONE; GRAYISH ORANGE TO GRAYISH BROWN
POROSITY: VUGULAR, MOLDIC, INTERGRANULAR; 50-90% ALTERED
ANHEDRAL
GRAIN SIZE: MICROCRYSTALLINE
RANGE: MICROCRYSTALLINE TO CRYPTOCRYSTALLINE
GOOD INDURATION
CEMENT TYPE(S): DOLOMITE CEMENT
ACCESSORY MINERALS: GYPSUM-05%, LIMESTONE-05%
FOSSILS: NO FOSSILS

985 - 990 DOLOSTONE; GRAYISH ORANGE TO GRAYISH BROWN
POROSITY: VUGULAR, MOLDIC, INTERGRANULAR; 50-90% ALTERED
ANHEDRAL
GRAIN SIZE: MICROCRYSTALLINE
RANGE: MICROCRYSTALLINE TO CRYPTOCRYSTALLINE
GOOD INDURATION
CEMENT TYPE(S): DOLOMITE CEMENT
ACCESSORY MINERALS: GYPSUM-15%, LIMESTONE-05%
FOSSILS: NO FOSSILS

990 - 995 DOLOSTONE; GRAYISH ORANGE TO GRAYISH BROWN
POROSITY: VUGULAR, MOLDIC, INTERGRANULAR; 50-90% ALTERED
ANHEDRAL
GRAIN SIZE: MICROCRYSTALLINE
RANGE: MICROCRYSTALLINE TO CRYPTOCRYSTALLINE
GOOD INDURATION
CEMENT TYPE(S): DOLOMITE CEMENT
ACCESSORY MINERALS: GYPSUM-02%, ORGANICS- T%
FOSSILS: NO FOSSILS
DC 1%

995 - 1000 DOLOSTONE; GRAYISH ORANGE TO GRAYISH BROWN
POROSITY: VUGULAR, MOLDIC, INTERGRANULAR; 50-90% ALTERED
ANHEDRAL
GRAIN SIZE: MICROCRYSTALLINE
RANGE: MICROCRYSTALLINE TO CRYPTOCRYSTALLINE
GOOD INDURATION
CEMENT TYPE(S): DOLOMITE CEMENT
ACCESSORY MINERALS: GYPSUM-01%, ORGANICS-01%
FOSSILS: NO FOSSILS

1000 - 1005 DOLOSTONE; GRAYISH ORANGE TO GRAYISH BROWN
POROSITY: VUGULAR, MOLDIC, INTERGRANULAR; 50-90% ALTERED
ANHEDRAL

GRAIN SIZE: MICROCRYSTALLINE
 RANGE: MICROCRYSTALLINE TO CRYPTOCRYSTALLINE
 GOOD INDURATION
 CEMENT TYPE(S): DOLOMITE CEMENT
 ACCESSORY MINERALS: GYPSUM-01%, ORGANICS-01%
 FOSSILS: NO FOSSILS

1005 - 1010 AS ABOVE

1010 - 1015 DOLOSTONE; DARK YELLOWISH BROWN TO GRAYISH BROWN
 POROSITY: VUGULAR, MOLDIC, INTERGRANULAR; 50-90% ALTERED
 ANHEDRAL
 GRAIN SIZE: MICROCRYSTALLINE
 RANGE: MICROCRYSTALLINE TO CRYPTOCRYSTALLINE
 GOOD INDURATION
 CEMENT TYPE(S): DOLOMITE CEMENT
 SEDIMENTARY STRUCTURES: LAMINATED
 ACCESSORY MINERALS: GYPSUM-02%, ORGANICS-07%
 FOSSILS: NO FOSSILS

1015 - 1020 LIMESTONE; YELLOWISH GRAY TO GRAYISH BROWN
 POROSITY: VUGULAR, MOLDIC, INTERGRANULAR
 GRAIN TYPE: CALCILUTITE, CRYSTALS
 GRAIN SIZE: MICROCRYSTALLINE
 RANGE: MICROCRYSTALLINE TO LITHOGRAPHIC; GOOD INDURATION
 CEMENT TYPE(S): CALCILUTITE MATRIX, DOLOMITE CEMENT
 ACCESSORY MINERALS: GYPSUM-03%, ORGANICS- T%
 OTHER FEATURES: HIGH RECRYSTALLIZATION, DOLOMITIC
 FOSSILS: NO FOSSILS

1020 - 1025 DOLOSTONE; YELLOWISH GRAY TO GRAYISH BROWN
 POROSITY: VUGULAR, MOLDIC, INTERGRANULAR; 50-90% ALTERED
 ANHEDRAL
 GRAIN SIZE: MICROCRYSTALLINE
 RANGE: MICROCRYSTALLINE TO CRYPTOCRYSTALLINE
 GOOD INDURATION
 CEMENT TYPE(S): DOLOMITE CEMENT
 ACCESSORY MINERALS: GYPSUM-30%
 FOSSILS: NO FOSSILS
 DC 2%

1025 - 1030 DOLOSTONE; YELLOWISH GRAY TO GRAYISH BROWN
 POROSITY: VUGULAR, MOLDIC, INTERGRANULAR; 50-90% ALTERED
 ANHEDRAL
 GRAIN SIZE: MICROCRYSTALLINE
 RANGE: MICROCRYSTALLINE TO CRYPTOCRYSTALLINE
 GOOD INDURATION
 CEMENT TYPE(S): DOLOMITE CEMENT
 ACCESSORY MINERALS: GYPSUM-03%, CHERT-01%
 FOSSILS: NO FOSSILS

1030 - 1035 DOLOSTONE; GRAYISH BROWN TO YELLOWISH GRAY
 POROSITY: VUGULAR, MOLDIC, INTERGRANULAR; 50-90% ALTERED
 ANHEDRAL

GRAIN SIZE: MICROCRYSTALLINE
RANGE: MICROCRYSTALLINE TO CRYPTOCRYSTALLINE
GOOD INDURATION
CEMENT TYPE(S): DOLOMITE CEMENT
ACCESSORY MINERALS: GYPSUM-07%, ORGANICS- T%
FOSSILS: NO FOSSILS

1035 - 1040 DOLOSTONE; GRAYISH BROWN TO YELLOWISH GRAY
POROSITY: VUGULAR, MOLDIC, INTERGRANULAR; 50-90% ALTERED
ANHEDRAL
GRAIN SIZE: MICROCRYSTALLINE
RANGE: MICROCRYSTALLINE TO CRYPTOCRYSTALLINE
GOOD INDURATION
CEMENT TYPE(S): DOLOMITE CEMENT
ACCESSORY MINERALS: GYPSUM-15%
FOSSILS: NO FOSSILS

1040 - 1045 AS ABOVE

1045 - 1050 DOLOSTONE; GRAYISH BROWN TO YELLOWISH GRAY
POROSITY: VUGULAR, INTERGRANULAR; 50-90% ALTERED;
ANHEDRAL
GRAIN SIZE: MICROCRYSTALLINE
RANGE: MICROCRYSTALLINE TO CRYPTOCRYSTALLINE
GOOD INDURATION
CEMENT TYPE(S): DOLOMITE CEMENT
ACCESSORY MINERALS: GYPSUM-05%
FOSSILS: NO FOSSILS

1050 - 1055 LIMESTONE; GRAYISH BROWN TO YELLOWISH GRAY
POROSITY: VUGULAR, INTERGRANULAR
GRAIN TYPE: CRYSTALS, CALCILUTITE
GRAIN SIZE: MICROCRYSTALLINE
RANGE: MICROCRYSTALLINE TO LITHOGRAPHIC; GOOD INDURATION
CEMENT TYPE(S): CALCILUTITE MATRIX, DOLOMITE CEMENT
ACCESSORY MINERALS: GYPSUM-01%
OTHER FEATURES: HIGH RECRYSTALLIZATION, DOLOMITIC
FOSSILS: NO FOSSILS

1055 - 1060 DOLOSTONE; YELLOWISH GRAY TO VERY LIGHT ORANGE
POROSITY: VUGULAR, INTERGRANULAR; 50-90% ALTERED;
ANHEDRAL
GRAIN SIZE: MICROCRYSTALLINE
RANGE: MICROCRYSTALLINE TO CRYPTOCRYSTALLINE
GOOD INDURATION
CEMENT TYPE(S): DOLOMITE CEMENT, CALCILUTITE MATRIX
ACCESSORY MINERALS: GYPSUM-01%, ORGANICS- T%
OTHER FEATURES: CALCAREOUS
FOSSILS: NO FOSSILS

1060 - 1065 LIMESTONE; YELLOWISH GRAY TO GRAYISH BROWN
POROSITY: VUGULAR, INTERGRANULAR, INTERCRYSTALLINE
GRAIN TYPE: CRYSTALS, CALCILUTITE
GRAIN SIZE: MICROCRYSTALLINE