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CORE DESCRIPTION  
MIDDLE ORDOVICIAN CHAZY LIMESTONE  
RANDOLPH 103, RANDOLPH COUNTY, WEST VIRGINIA

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Box 1, Core pieces 1-1, 1-1b, 1-2a, 1-2b, depths 12679' 4"–12685' 9", interval thickness of 6' 5" although most of core is missing.

Black peloidal grainstone; peloids appear deformed, elongated vertically; gastropods, bryozoans, crinoids, brachiopods, oncolites, and recrystallized fossils; large patch of sparry calcite; burrowed, thickly laminated, inclined bedding.

Missing interval 12686'—12691', approximately 5'.

Box 1, Core pieces 1-3, 1-3a, 1-4, 1-5a, 1-5b, 1-6a, 1-6b, depths 12691' 2"–12697' 2", interval thickness of 6' 0".

Black skeletal wackestone with thin interbeds of black lime mudstone; bryozoans, brachiopods, oncolites, gastropods, crinoids; burrowed, inclined bedding; numerous hairline calcite veins; clay dissolution seams; 2" bed of peloidal grainstone at 12697' 5".

Missing interval 12698'—12705', approximately 7'.

Box 2, Core pieces 2-A, 2-1, 2-1b, 2-B, 2-C, 2-D, depths 12705' 4"–12709' 6", interval thickness of 4' 2".

Black skeletal wackestone with interbeds of black lime mudstone; bryozoans, brachiopods, oncolites, crinoids, gastropods, bivalves; network of spar-filled tubes; pyrite; inclined bedding; inclined and subvertical calcite veins, microstylolites, spar-filled open stylolites.

Box 2, Core pieces 2-2, 2-E, 2-F, 2-G, 2-Ha, 2-Hb, depths 12709' 6"–12713' 2", interval thickness of 3' 8".

Black oncolitic grainstone interbedded with skeletal wackestone; oncolites range from sand-size up to 1/4" in diameter, mixed with brachiopods, bryozoans, crinoids; wackestone with brachiopods, bryozoans, oncolites, crinoids, recrystallized corals, coiled cephalopods, gastropods; 2" horizontal calcite vein at 12710' 9", elsewhere hairline veins.

Box 3, Core pieces 2-Ja, 2-Jb, 2-K, 2-Ka, 2-Kb, 2-L, 2-M, 2-N, 2-Oa, 2-Ob, 2-Pa, 2-Pb, 2-Pc, 2-3a, 2-3b, 2-Qa, 2-Qb, 2-R, 2-Ra, 2-Sa, depths 12713' 2"–12720' 10", interval thickness of 7' 8".

Black skeletal wackestone; crinoids, bryozoans, brachiopods, gastropods, corals (large 2" coral at 12721'), oncolites, tentaculitids, and fossil debris; spar-filled tubes; pyrite; large patch of sparry calcite; inclined bedding, burrows; 1/4" horizontal calcite vein at 12721'

5", elsewhere are narrow inclined and vertical calcite veins, often hairline; clay dissolution seams.

Box 4, Core pieces 2-Sb, 2-6a, 2-6b, 2-T, 2-U, 2-Ua, 2-Ub, 2-Uc, 2-W, 2-X, depths 12720' 10"—12726' 5", interval thickness of 5' 7".

Black skeletal wackestone; gastropods, crinoids, ostracodes, bryozoans (many are encrusters), brachiopods, tentaculitids, tabulate corals (some are quite large), oncolites; spar-filled tubes; pyrite; thinly bedding, steeply inclined bedding, burrows; 1.5" thick inclined calcite vein at 12722' 10", elsewhere vertical and subvertical calcite veins (hairline to ½" thick), two generations of veins observed at 12723'; clay dissolution seams.