

NOTE: This description is from very small chips from a core

22 1 A intervals

MEASURED SECTION NO. Roane-1052 DATE 5/3/91
 LOCALITY Walton (Rock Creek) field STRATIGRAPHIC UNIT Big Injun
 SETTING C.C. Hively 20W MEASURED BY AV & RM
Roane Co., WV Company CSO

Interval	SEDIMENTARY TEXTURES & STRUCTURES				INTERVAL	ROCK TYPE, CONTACTS & ACCESSORIES	SUP MAT SUB IM	TEXTURAL MATURITY	DESCRIPTIONS
	GRAV	SAND	SILT	CLAY					
1965	64 4	VCCM FVF							dk green-greenish grey, v. coarse qtz ss & qtz pebble conglomerate: white, well rounded qtz pebble -> .5cm diameter: chloritic
1970			(C)						lt. greenish grey, fine-medium grained qtz ss, w/ weak calcite cement & limonite "speckles" throughout: faint horizontal laminae
1975			(C)						1977' - no calcite cement
1980									
1985									lt. greenish grey, f. fine qtz ss, micaceous w/ limonite "speckles": no apparent laminae
1990									
1995									lt. greenish grey, fine qtz ss; micaceous w/ faint horizontal laminae & indications of ripple-scale x beds (1994-1995) may be weak calcite cement: limonite speckles throughout
2000			(C)						

(C) - calcite cement ~~~~~ - ripple-scale x beds

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 MEASURED BY AV & RM

	SEDIMENTARY TEXTURES & STRUCTURES				INTERVAL	ROCK TYPE, CONTACTS & ACCESSORIES	TEXTURAL MATURITY		DESCRIPTIONS
	GRAV	SAND		SILT CLAY			SUP	SUB	
	64 4	VCC	M F VF	—			MAT	IM	
2000									A fine-grain green-gray ss w/ abundant auth. clay - i.e. clay rich (chlorite present?) < 1% white mica speckled (10%) w/ limonite color mineral (oxidized pyrite?). white-feldspar (altered to clay). Rock is very porous! soaks up water.
2005									very very faint calcite cement (one or two bubbles) one piece of ss, one piece of shale
2010									at 2010-2011 - a dark grey shale one piece 13 cm x 2 cm x 4 cm
2015									very faint x-bedding at 2013'-2014' see ss description above btw (2000-2009')
2020									at 2019-2020 - very very weak calcite cement at 2021-2022 - a 6mm x lens size circle blob w/ different cement - no limonite
2025									2022-2025 - is one piece (4 cm x 3 cm x 1/2 cm) one side is siltstone the other side is shale Dark grey in color No reaction to HCl End of core chips at 2025'