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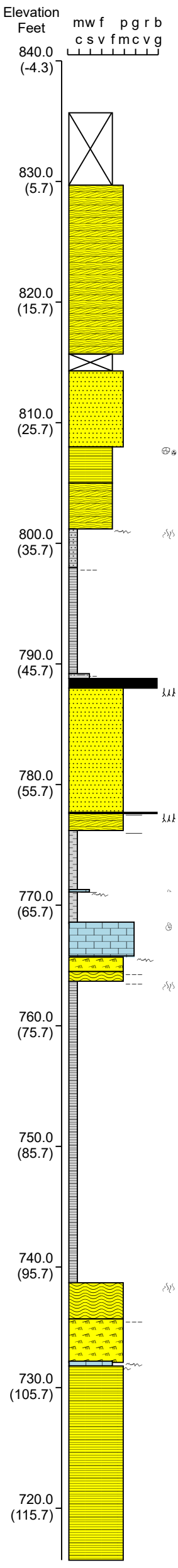
| ID Number: | 166303 | Date: | 9/28/2011 |
| Site Name: | SDH455 (Indian Creek Stone Products Farm) | By: | Todd A. Thompson and Brian D. Keith |
| Location: | NE¼NW¼NW¼ sec. 28, T. 4 N., R .2 W. UTMX: 531241.00, UTMY: 4289910.00, Zone: 16 | Notes: | Williams quadrangle, Lawrence County |
| Elevation: | 835.7000 Feet | | |




(0) Not present/recovered and sandstone; rotten sandstone

(6) RACCON CREEK GROUP Mansfield Formation
Cross-bedded sandstone; very friable at base; lower fine-grained at top and upper medium- to upper fine-grained at base; yellowish-tan to maroon

(20) Void

(21.4) Sandstone; very friable; lower medium-grained to upper fine-grained; orangish-yellow

(27.7) Intraclastic horizontal-bedded sandstone; orange-yellow to maroon with light-tan mudstone intraclasts

(30.75) Cross-bedded sandstone, irregular basal contact; lower fine-grained; some tan mudstone chips near the base; orangish-yellow, maroon near base

(34.5) Bioturbated interlaminated/interbedded and horizontal-bedded mudstone and sandstone, gradational basal contact; sand content and bioturbation increase upward; dark-gray mudstone and light-tan sandstone

(37.7) Horizontal-bedded and rhythmic-bedded shale, gradational basal contact; dark-gray to black

(46.5) Massive mudstone, sharp basal contact; dark-brown to gray

(46.9) Coal, gradational basal contact; (possible French Lick Coal Member); black

(47.7) Rooted and bioturbated massive and horizontal-bedded sandstone, sharp basal contact; rooting present at the top of the unit; bedding and bioturbation in the lower third; upper fine- to lower fine-grained; brownish-gray

(58) Coal, irregular basal contact; black

(58.1) Rooted and bioturbated cross-bedded and massive sandstone, sharp basal contact; rubble in middle; lower medium- to upper fine-grained at base becoming muddier near the top; yellowish-orange to medium- to dark-gray at top

(59.5) STEPHENSPORT GROUP, Haney Limestone
Massive claystone, sharp basal contact; dark gray to yellowish brown

(64.4) Fossiliferous massive wackestone, irregular basal-contact; brachiopods, bryozoans, crinoids and pyritized fossils; dark-brownish-gray

(64.6) Massive and horizontal-bedded claystone, irregular basal contact; dark-gray

(67.15) Fossiliferous massive grainstone, irregular basal-contact; fenestrate byrozoan debris, crinoids, and brachiopods; light-tannish-gray

(70) Big Clifty Formation
Ripple-bedded and flaser-bedded sandstone, gradational basal contact; possible glauconite; lower fine-grained to upper very fine grained; light-gray

(71.2) Wavy-bedded and lenticular-bedded sandstone, gradational basal contact; light-gray sandstone and medium-gray mudstone

(72) Bioturbated horizontal-bedded shale, gradational basal contact; white sand stinger and burrows in the upper half; several siderite zones; dark-greenish-gray in lower part to dark-gray to black in the upper part

(97) Bioturbated wavy-bedded and ripple-bedded sandstone, gradational basal contact; upper very fine grained; light-yellow to orangish-gray

(100) Ripple-bedded and flaser-bedded sandstone, irregular basal contact; thin gypsum layers at 100.45 ft, 101.65 ft, 101.9 ft, and 103.45 ft; light- to medium-yellowish-tan

(103.55) Horizontal-bedded limestone, irregular basal contact; unrecognizable grains; possible quartz sand grains; medium-yellowish-gray

(103.9) Horizontal-bedded, rhythmic-bedded, and ripple-bedded sandstone; rhythmites go from horizontal to rippled upward; medium-gray to medium-orangish-gray with maroon