

349

DRILL HOLE LOG

w30828

CAI-141

Property Roy. E. Lewis Length Lat. Hor. component Ver. component
 District Kirksville-Mendota Bearing Dep. Etch. at Total recovery Middle Devonian 99.3%
 Commenced 8-23-71 (rotary) Dip Vertical Elev. 961 True Dip Logged by GRC 9/71
 Completed 9-21-71 (core) Objective Mineral Test Location SW 1/4 (2) SE 1/4 SE 1/4 NW 1/4 Sec. 33 T64N R17W

FOOTAGE		Description	Sample number	Length ft.	ANALYSES					
From	To				%	%	%	%	oz/t	oz/t
C	705	Rotary hole								
705	738.6	Limestone - gray, fine grained, with 30% darker gray and brown argillaceous limestone bands; occasional 1"-2" black shale bed; crinoid debris increases in abundance toward base in lower half - druse quartz in small cavities at 708.3 and 711.1; 2" calcite band at 726; horizontal stylolite at 710; partially silicified nodule at 738. (34/33.6)								
738.6	818	Limestone - gray, fine grained, abundant dark shale partings throughout; abundant crinoidal debris, especially in upper part; slightly silicious and partially dolomitized 1-2" nodular masses occur throughout - Several large SiO ₂ CaCO ₃ filled cavities below 808 with CaCO ₃ in center; occasional small bleb of FeS ₂ . (79/79.4)								
818	818.8	Limestone - greenish gray, fine grained, argillaceous with abundant crinoidal debris; basal 1 1/2" is a hard green shale. - thin inclined 1" lens of FeS ₂ at 818.8. (.8/.8)								
818.8	834.8	Shale - green, soft; thin limestone lenses 824.7-824.9; basal 6" is a green and black sandy (quartz) shale. (15.7/16)								
834.8	839	Limestone - brown, very fine grained (sublithographic), massive bedded - calcite filled fracture (6" x 2") at 835.6; FeS ₂ associated with healed fractures throughout; unhealed fracture or fault through lower 1'. (4/4.4)								
839	849.3	Shale - brown, medium hard, interbedded with soft light and dark green shale. (9/10.3)								
849.3	865.7	Dolomite: greenish gray, fine grained, laminated, cross-laminated in part; occasional thin shale beds near top; 3" green shale at base - bleaching argillaceous, associated with thin fractures at 858; calcite and quartz associated limey with fractures at 851.7, 864.2-865 - heavy FeS ₂ in basal 1/2". (17.3/16.4)								

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