

Illinois State Geological Survey

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(1311.17C) H.R.W. See map no. 4107 d5.1-195 Sheet 62
August 21, 1931

Outcrops in north bank of creek 75' west of
prospect pit described as 1311.17B (11-1S-9W-7fg)
just south of State Route 158.

Similar gray to yellow gray massive limestone
(probably Brereton)

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(1311.07) H.R.W.

Interrupted outcrop of limestone continues up
ravine parallel to hard road about 300' above
which drift extends to stream lev el.

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(1311.25 $\frac{1}{2}$) H.R.W.

About 1/4 mile south of hard road,

Ledge of brown limestone with numerous fossils
especially large Productus cora, seen in
stream bed 6" exposed

(1311. 7g) J.M.W.

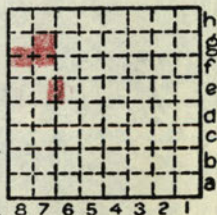
1928

NW/4 section 11.

Outcrops in hollow south of hard road.

Dense gray limestone - looks most like the bed
above No. 5 coal.

Collected.



By H. R. Wanless, J.M.Weller Date 1931

1928

Quadrangle Waterloo

County St. Clair Sec. 11 T. 1S R. 9W

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(1311.17A) See map no. 4107 d5.1-195 Sheet 62

August 21, 1931

South bank of ravine 200' south of State Route 158

Loess and drift not studied

Limestone, yellow gray, dense, not laminated, with rather a nodular structure, weathering to a soft white or buff chalky substance; fossiliferous, but most fossils are broken shell fragments; Derbya and Chonetes noted; weathered surface very rough with knobs of more resistant matter projecting 3-4". Thickness measured from slump block 3'

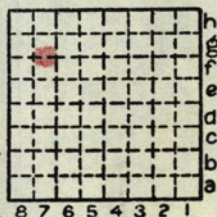
Apparently underlain by 2-3' of calcareous clay or weathered shale, but relations obscured by slumping. Interval from base of limestone to creek 5-6'

Dump of small water filled pit 50' southeast of here shows mainly fragments of light yellow gray, rather slabby limestone, dark shale with small concretions, and coal, apparently rather a shallow strip prospect pit in No. 6 coal

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(1311.17B) See map no. 4107 d5.1-195 Sheet 62

Another abandoned prospect pit 50' west of cut bank on south side of creek shows, in dump, light gray dense fossiliferous limestone, with Marginifera splendens, Chonetes verneuiliana, etc., and brownish limestone nodules with fat Fusulinas



By H. R. Wanless Date 1931

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