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FIELD NOTES





Illinois State Geological Survey

.gl Sec.5-11S-5E, Pope County.
SH6, Aug, 29, M-30.
Head of ravine about center S/2-NE/4-NE/4 Sec.5
540 Ca here seems to be horizontal.

N30E) get sandstone surface probably dip because persistent dip N30-35W about 10-12.

Ravine becomes almost a strike ravine.

Side gully from east show Ca dippong 10-12 nearly NW.

Near section line valley turns runs nearly W get thin bedded ripple marked Ca(top)and above possibly 25'±. Shale capped by sandstone again. Valley appears to follow pretty close the shale sandstone contact. Top not well shown.

Possibly shale in upper part of Ca . That in railroad cut may be same?

An old slope coal not exposed probably same bed as exposed in railroad cut. Here, however has 4-5 feet of soapstone between coal and sandstone.

Shale fossiliferous. Coal not exposed.

(continued on next page)

By G.H.Cady

Date 1926

Quadrangle Harrisburg



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P-2 .gl

Sec.5-11S-5E, Pope County.
SH6,Aug.29, M-30.
Head of ravine about center S/2-NE/4-NE/4 Sec.5

Note: A conglomerate layer, largely ironstone concretions and 6"-12" thick at base of sandstone and resting on shale. Suggest that this may be conglomerate below"B" sandstone.

100 feet west another drift. Here no soapstone, about 2' of carbonaceous coalyshale. Practically coaly shale and then 2' to of bony impure coal, which apparently becomes better under the hill.

Here conglomerate not present.

Crossbedded micaceous fine sandstone above, cross bedding dip N-NW . Top inaccurate better correlation of topography and geology than map indicates.

By G. H. Cady

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Sec. 5 T 11S R 5E.