FIELD NOTES Illinois State Geological Survey

See map no. 4102 d5.4-7 Sheet 4

(0213.3h NW)

July 31, 1931.

Cut along S wall of creek, S of railraod tracks. Soil.

Till, brown (iron-stained in places but mostly chocolate brown), calcareous, pebbly. Illinoian. 20'

Covered by slump to bottom of gully. 10'
(Note by T. B. Root: Note that H. R. Wanless gets shale, sandstone, and limestone beds here, (Oak Grove?) which J. Svatik does not record!!! - usual!)

2h NW Float of Pennsylvanian rock but nowhere in place.

4h center.

Abandoned shaft mine for coal.

| | | | | | | of e |
|------------|--------------------|--------|-----------|-------|--------|---------|
| By J. Sv | atik | Date | 1931 | | | d c b |
| Quadrangle | Arenzvi and Mer | | hester-Gr | iggsv | 181265 | 4 3 2 1 |
| County Sco | | 000020 | Sec. | 13 | T 15N | R_13W_ |

FIELD NOTES

Illinois State Geological Survey

(0213.4h)

October 25, 1927

Coal dump 100' x 30' x 4' (average) on bank of stream.

Black "slate". Mostly finely broken. One concretion shaped like a flattened watermelon. Calcitic and pyritic - contains gastropods and numerous straight and coiled cephalopods.

Fossils collected.

(0213.3h)

Outcrop 100' long along creek 1' to 2' thickness exposed, light brown siltstone.

(0213.2h)

Outcrop? light grey shale with iron stained calcareous concretions in layers. Shale well bedded. Dips ca. 20° SW along face. Relations with till suggest that it may be a large block moved by ice and included in till.

300' to E. to bridge.

E. from bridge 750' to section line. Outcrop light grey shale from 200' to section line. Well bedded, jointed layers of iron-stained calcareous concretions. Maximum thickness exposed is 4' here. Dip along face ca. 3° E.

| | | | | | h & | | | |
|------------|----------------|------|---|----|-----|-------|-----|---------|
| Ву | A.H. Bell Date | 1927 | | | | -+ | | 6 0 C D |
| Quadrangle | Arenzville | | | | _ 8 | 7654 | 3 2 | a |
| | Scott | | C | 13 | - | 15N . | , 1 | 3W |