| war 114 Lon Tele | wangeng.com Is N Main Street nbard, IL 60143 ephone: 630 953-9928 c 630 953-9938 | BORING LOG WC WEI Job No.: 790-36 Client TranSystems Corpor Project Prairie Parkway Location IL 47 Over Saratoga Creek, G | | | | 790-36-01 orporation 'kway | Datum: NGVD Elevation: 569.14 ft pration North: 1731779.21 ft East: 959690.12 ft Y. Station: 6119+29.36 | | | | Page | 2 07 2 | ROUTE IL 47 DESCRIPTION Structure Boring | |
|---------------------------|----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|----------------------|------------------|----------------------------------|----------------------------------|---------------------------------------------------------------------------------------------------------------------|------------------------------------------------|---------------------------|---------------------------------------|--------------------------|-------------|------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Profile | SOIL AND ROCK | Depth (ft) Sample Type | Sample No. | (blw/6 in) | (tsf) Moisture Contert (%) | Profile | | AND ROCH | | Sample Type recovery Sample No. | SPT Values (blw/6 in) | Qu (tsf) | Moisture Content (%) | SECTION IL 47A LOCATION IL 47 COUNTY Grundy CORING METHOD |
| | RECOVERY = 100% RQD = 71% Run #2, 53' to 58' RECOVERY = 100% | S | 1 | с | | | | | | 0 | | | | STRUCT. NO. 032-0122 CORING BARREL Station 6118+40.00 Core Diameter Top of Rock Ele BORING NO. WC33-B03 Begin Core Elev Station 6119+29.36 Offset 63.55 RT Ground Surface Elev. 569.14 ft |
| | RQD = 92% | - 55_ - - - - | 2 | ORE | | | | | | | | | | Very strong, fair to excellent quality, light gray DOLOSTONE |
| | Run #3, 58' to 63' RECOVERY = 100% RQD = 90% | | з | C O R E | | | | | | | | | | |
| <u> </u> | 06.1 Boring terminated at 63.00 ft | - - - 65 - - | | | | | | | | | | | | |
| | | - - - 70 | | | | | | | | | | | | |
| | | - - - 75_ | | | | | | | | | | | | Color pictures of the cores <u>Yes</u> Cores will be stored for examination until The "Strength" column represents the uniaxial compress |
| Drilli Drille | GENE n Drilling 12-03-2009 ng Contractor WT ar K&J Logger ng Method 3.25 IDA HSA; E | B. Wils | e Drilli Di On | ill Rig Chec | B-5 ked by | 7 TMI C. Ma | At Com rin Time At Depth t | rilling pletion of Drilling ter Drilling | NA NA esent the app | 17 WA | 50 ft SHE | D | | |

| V:\3195\Structure\032-0122\0320122-668 | USER NAME = bdecraene 183-031-BORINGS 4.dgn | DESIGNED - STM CHECKED - BAN | Hutchison Engineering, Inc. | STATE OF ILLINOIS | BORING |
|----------------------------------------|------------------------------------------------|---------------------------------|-------------------------------|------------------------------|-----------------|
| | PLOT SCALE = NONE | DRAWN - STM | JACKSONVILLE-SHOREWOOD-PEORIA | DEPARTMENT OF TRANSPORTATION | STRUCTURE N |
| | PLOT DATE = 8/6/2013 | CHECKED - BAN | | | SHEET NO. 31 OF |
| | | | | | |

Page <u>1_</u>of <u>1</u>

ROCK CORE LOG

Date 12/03/2009

| | | | LOGG | ED BY | Bran | idon Wilson | 1 | |
|-------------------------------|----------------------------|-------------------------------|-------------------------|------------------------------|---------------|-------------------------|-------------------------------------|--|
| aratoga Cre | eek si | E C . 15 | тw | P. 34M | ۱ | RNG. 7E | PM | |
| entional 5' SIZE <u>NV</u> | | x2.060 | | R E | R | CORE | S T | |
| 521 | 2.1 in .14 ft .14 ft | D E P T H (ft) | C O R E (#) | С О Е Қ Ү (%) | Q D (%) | T I E (min/ft) | R E N G T H (tsf) | |
| | Run 1 | 48 | 1 | 100 | 71 | 2.66 | | |
| ce pyrite. | Run 2 | 53 | 2 | 100 | 92 | 2.9 | | |
| | Run 3 | 58 | З | 100 | 90 | 3.39 | | |
| | | | | | | | | |

l compressive strength of the core sample (ASTM D-2938)

BBS 138 (Rev. 3/01)

| i LOGS | F.A.P. RTE. | SECTION | | | TOTAL SHEETS | SHEET NO. |
|--------------|----------------|------------|---------|----------|-----------------|--------------|
| NO. 032–0122 | 326 | 110BR | | GRUNDY | 644 | 357 |
| | | | | CONTRACT | NO. 6 | 6B83 |
| OF 32 SHEETS | | ILLINOIS F | PROJECT | | | |