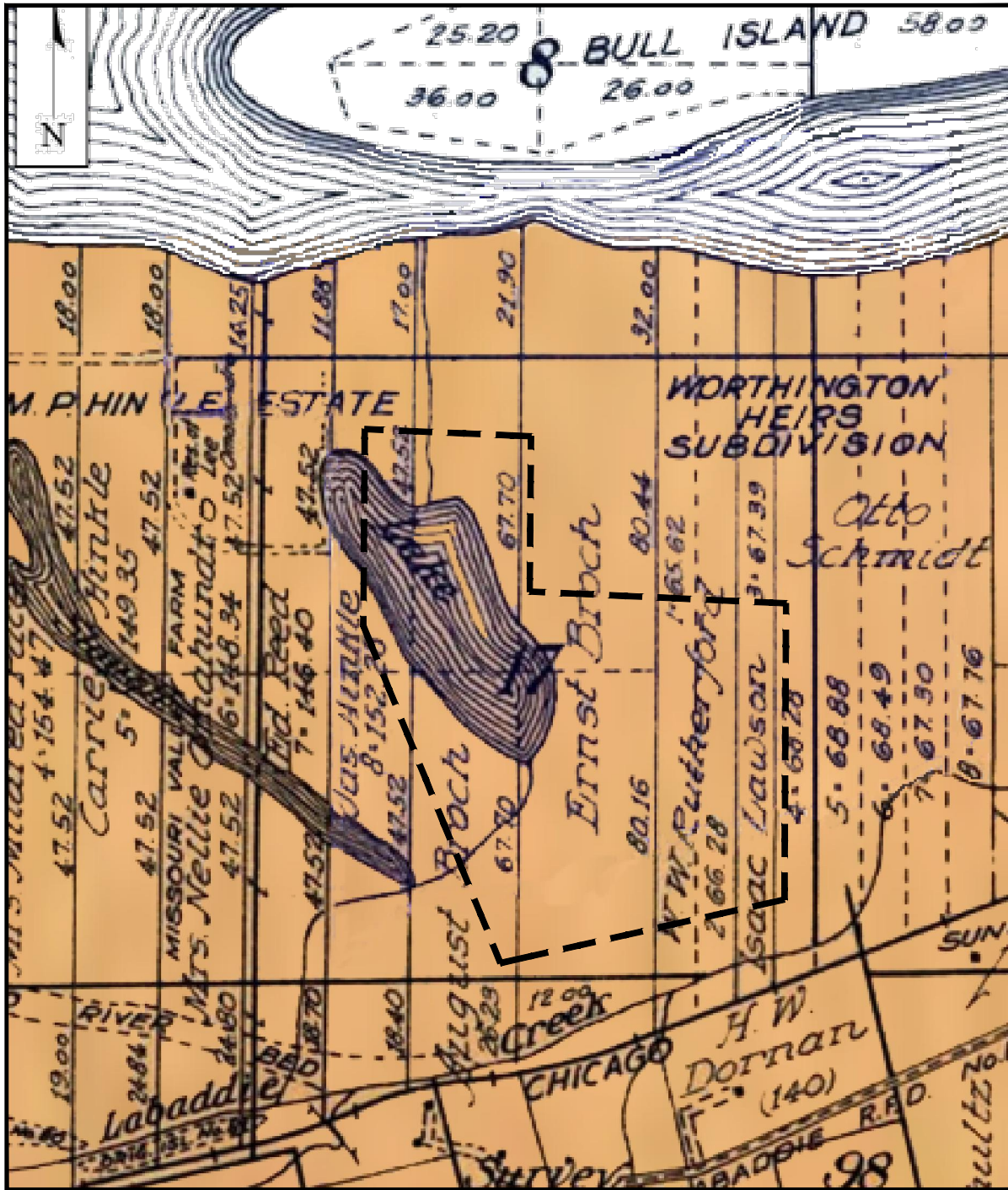




MODIFIED FROM: PRAIRIE ARCHAEOLOGY AND RESEARCH, 2009 *

LEGEND

SOURCE: (1919 Standard Atlas Map of Franklin County, Missouri).

— — — — — DSI LIMITS

Detailed Site Investigation
Ameren Missouri Labadie Power Plant
Proposed Utility Waste Disposal Area
Franklin County, Missouri



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Figure 6
Historical Position of the Missouri River - 1919

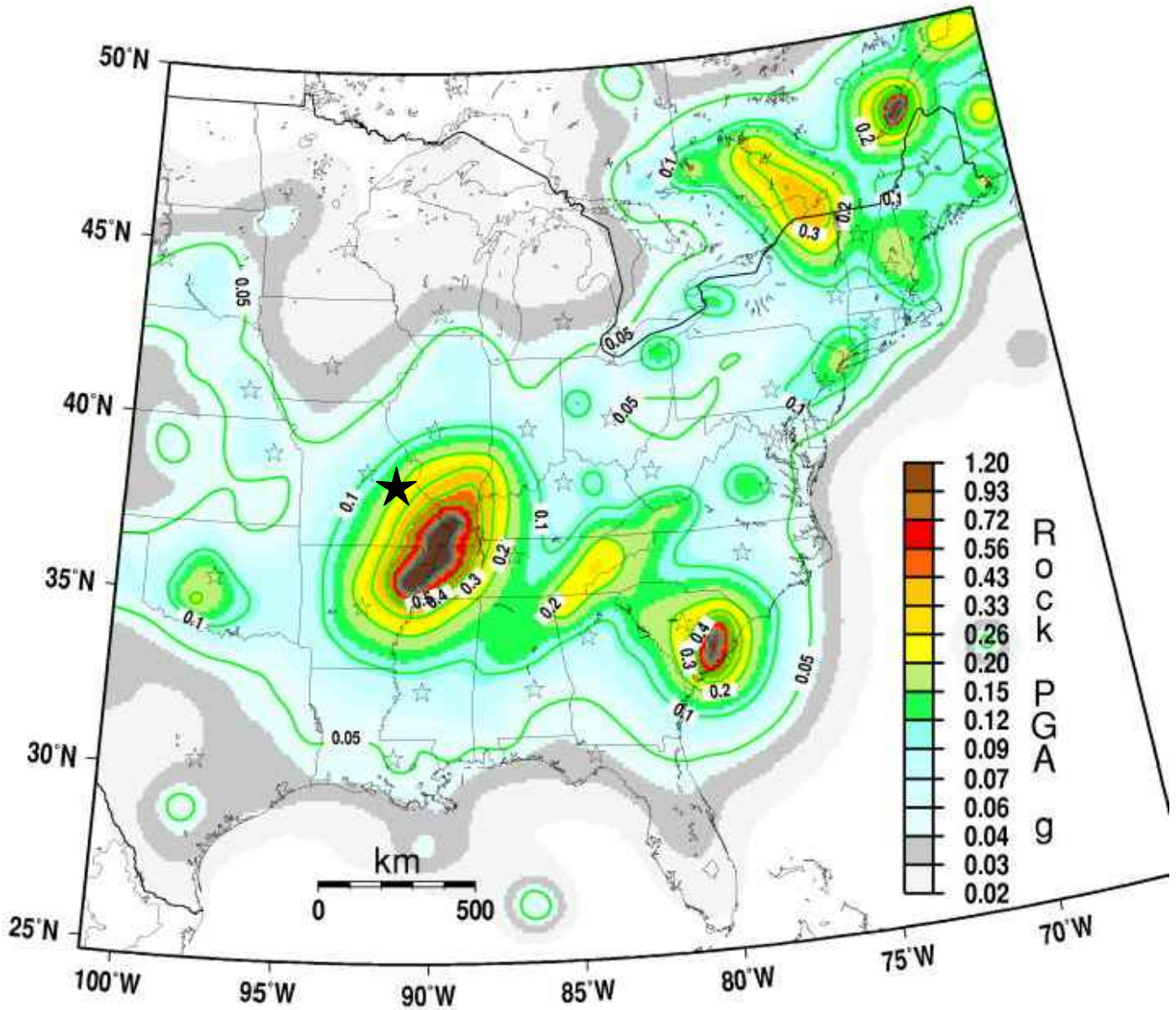
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PGA with 2%/50 yr PE, 2008



GMT Apr 11 15:37 PGA 2%/50yr PE. IBC rock site condition

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★ APPROXIMATE SITE LOCATION

SOURCE: PETERSEN et al. (2008)

Detailed Site Investigation Report
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Figure 7
Seismic Intensity Map



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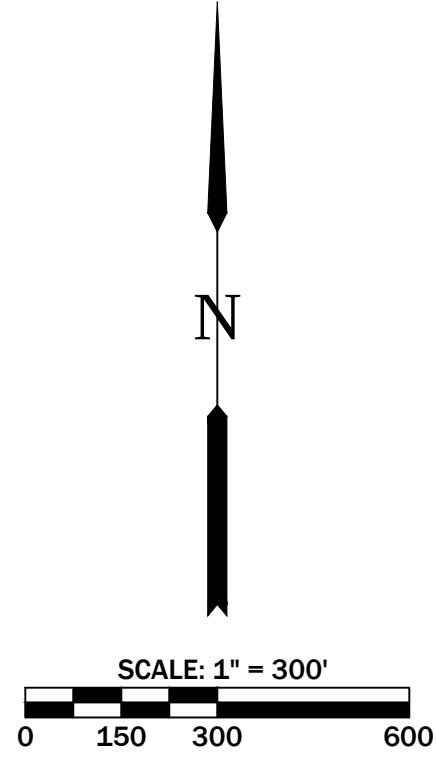
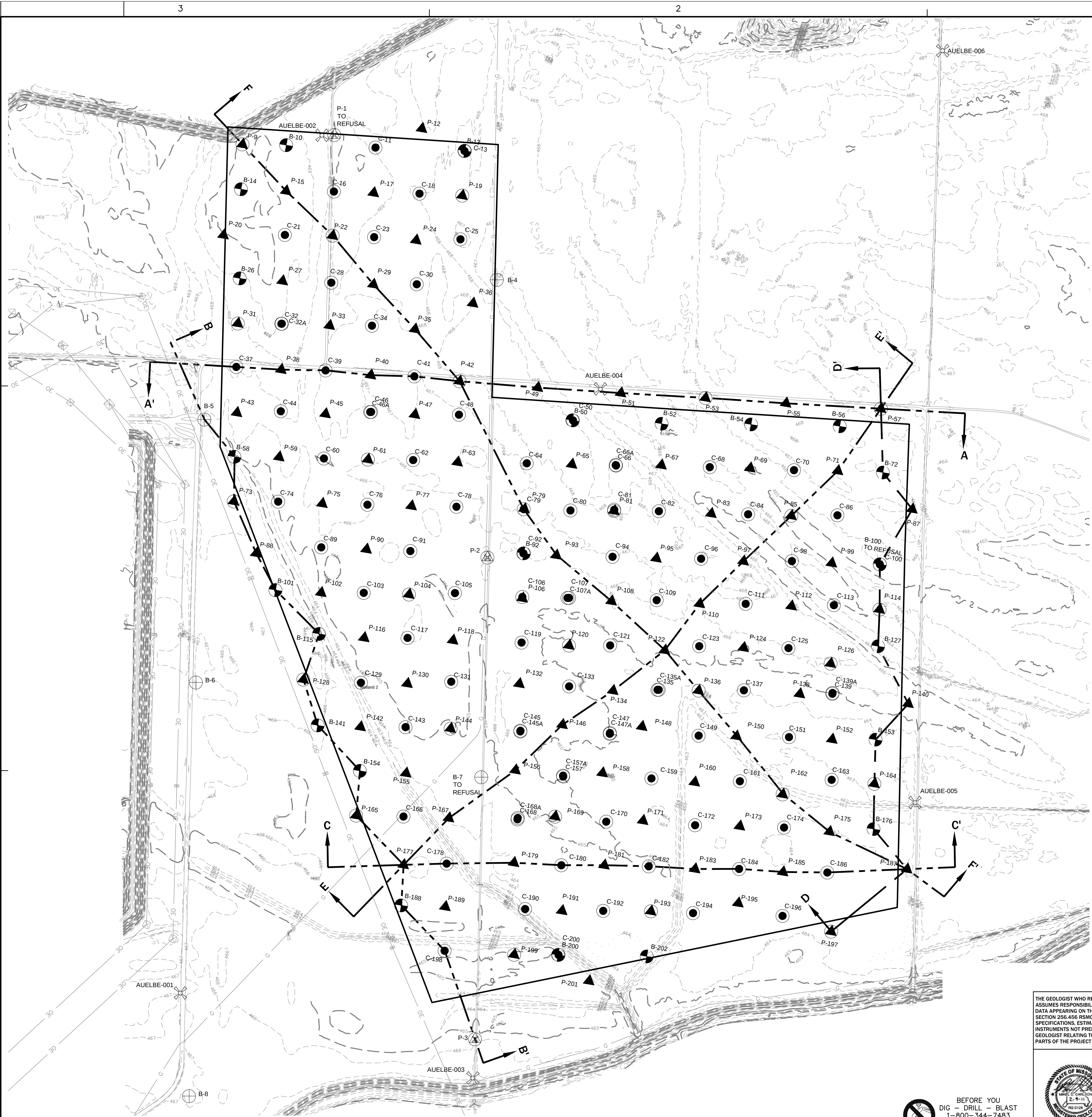
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LEGEND

- 2007 PIEZOMETER (3)
- 2007 TEMPORARY BORING (5)
- 2" PIEZOMETER (72)
- 4" PIEZOMETER (25)
- TEMPORARY BORING (22)
- CONE PENETROMETER TEST HOLE (CPT) (93)
- SURVEY MONUMENT
- EXISTING GROUND CONTOURS (C.I. = 1 FT.)
- PROPOSED UTILITY WASTE DISPOSAL AREA FOOTPRINT
- EXISTING OVERHEAD ELECTRIC
- EXISTING MISSOURI PIPELINE
- GEOLOGIC CROSS-SECTION LINE

NOTES

- BOREHOLE LAYOUT BASED ON COMBINATION OF 2-ACRE AND 4-ACRE SPACING, IN ACCORDANCE WITH THE APPROVED DSI WORK PLAN.
- TOPOGRAPHIC MAPPING COMPLETED BY KUHLMANN DESIGN GROUP, 2009.
- SURVEYED PIEZOMETER ELEVATIONS COMPLETED BY KUHLMANN DESIGN GROUP, DECEMBER 31, 2009. (SEE TABLE 1 AND APPENDIX 6 FOR COORDINATE INFORMATION)
- BORING LOCATIONS FOR P-126, P-138, P-162 AND P-195 FIELD ADJUSTED.
- PIEZOMETER BORINGS DRILLED SEPTEMBER 14, 2009 THROUGH DECEMBER 15, 2009. TEMPORARY BORINGS AND CPT SOUNDINGS DEVELOPED SEPTEMBER 7, 2009 THROUGH JANUARY 19, 2010. (SEE APPENDICES 2 AND 4 FOR SUBSURFACE INFORMATION)
- A TOTAL OF SIXTEEN (16) CPT'S WERE COMPLETED TO CONFIRM ADJACENT DRILL DATA.
- SEE FIGURES 12 THROUGH 17 FOR GEOLOGIC CROSS-SECTION INFORMATION.

SURVEY MONUMENTS

MONUMENT ID	NORTHING	EASTING	ELEVATION
AUELBE-001	990484.82	726569.81	467.19
AUELBE-002	996166.50	727588.30	470.70
AUELBE-003	989921.39	728508.32	467.59
AUELBE-004	994487.78	729353.29	467.02
AUELBE-005	991746.97	731438.29	462.78
AUELBE-006	996728.98	731621.69	467.67

Missouri State Plane Coordinate System Datum:
Horizontal Datum NAD 1983;
Vertical Datum NAVD 1988

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SUPV.
M.C.C. (GER)
APPD.
M.C.C. (GER)

FIGURE 8
DETAILED SITE INVESTIGATION
PROPOSED UTILITY WASTE DISPOSAL AREA
BORING LOCATION MAP

LOCATION	LABADIE PLANT	CLASS
001004		02010

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FIG (8).DWG

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