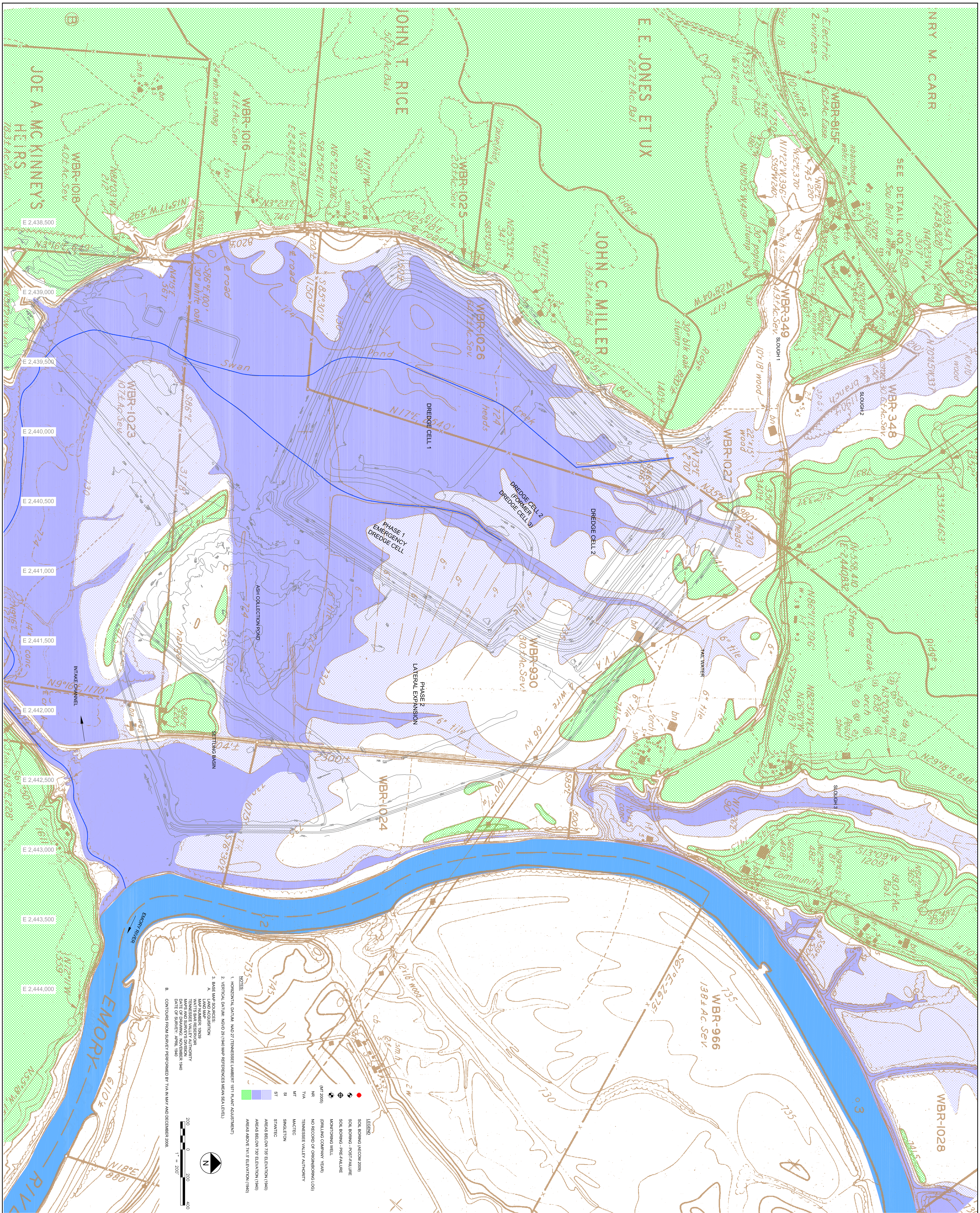
X:\PROJECTS\60095742\DWG\G60095742-1.2.2_4-1940 survey.dwg; 6/25/2009 2:42:58 PM; DEARMAN, DANIEL; STS.stb



NOTES:

1. HORIZONTAL DATUM: NAD 27 (TENNESSEE LAMBERT 1971 PLANT ADJUSTMENT)
2. VERTICAL DATUM: NGVD 29 (1940 MAP REFERENCES MEAN SEA LEVEL)
3. BASE MAP SOURCES:
   A. LAND ACQUISITION
      LAND MAP
      MAP NUMBER: 10N39
      WATTS BAR RESERVOIR
      TENNESSEE VALLEY AUTHORITY
      MAPS AND SURVEYS DIVISION
      DATE OF DRAWING: NOVEMBER 1940
      DATE OF SURVEY: APRIL 1940
   B. CONTOURS FROM SURVEY PERFORMED BY TVA IN MAY AND DECEMBER 2008.

LEGEND

- SOIL BORING (AECOM 2009)
- SOIL BORING - POST-FAILURE
- SOIL BORING - PRE-FAILURE
- MONITORING WELL
- (MT 2005) (DRILLING COMPANY YEAR)
- NR — NO RECORD OF ORIGIN(BORING LOG)
- TVA — TENNESSEE VALLEY AUTHORITY
- MT — MACTEC
- SI — SINGLETON
- ST — STANTEC
- AREAS BELOW 735' ELEVATION (1940)
- AREAS BELOW 730' ELEVATION (1940)
- AREAS ABOVE 741.5' ELEVATION (1940)

N

200 0 200 400
1" = 200'

Issued

Rev Date Description

Designed:
Drawn: CJH 6/12/2009
Checked: LWB 6/12/2009
Approved: WHW 6/12/2009

PROJECT NUMBER
60095742

SHEET REFERENCE NUMBER
1.2.2_4

TOPOGRAPHIC DATA
PRE-FAILURE AND PRE-CONSTRUCTION

ROOT CAUSE ANALYSIS
TVA KINGSTON DREDGE CELL FAILURE
ON DECEMBER 22, 2008
KINGSTON FOSSIL PLANT
HARRIMAN, TENNESSEE

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