LIST OF FIGURES

FIGURE TITLE	FILENAME
FIGURE 1 SITE LOCATION MAP	2010_DB_Class_V_11x17.pdf Page 1
FIGURE A-1 AREA OF INTEREST SHOWING LOCATION OF TYPE LOGS	2010_DB_Class_V_11x17.pdf Page 2
FIGURE A-2 TYPE LOG #1	2010_DB_Class_V_11x17.pdf Page 3
FIGURE A-3 TYPE LOG #2	2010_DB_Class_V_11x17.pdf Page 4
FIGURE A-4 TYPE LOG #3	2010_DB_Class_V_11x17.pdf Page 5
FIGURE A-5 CRITICAL PRESSURE RISE SCHEMATIC	03_29_10 UIC FINAL.pdf page 2-3, page 14 of pdf (Under Text Folder)
FIGURE A-6 CONE-OF-INFLUENCE - MINNELUSA FORMATION	2010_DB Class_V_A-6_A-7.pdf
FIGURE A-7 CONE-OF-INFLUENCE - DEADWOOD FORMATION	2010_DB Class_V_A-6_A-7.pdf
FIGURE B-1 TOPOGRAPHIC MAP OF PROJECT AREA	2010_DB_Class_V_11x17.pdf Page 6
FIGURE B-2 WATER WELLS WITHIN AORs, ROFDs, AND COIs – MINNELUSA FORMATION	2010_DB_Class_V_11x17.pdf Page 7
FIGURE B-2a WATER WELLS WITHIN AORs, ROFDs, AND COIs – DEADWOOD FORMATION	2010_DB_Class_V_11x17.pdf Page 8
FIGURE B-2b CLASS V PERMIT AREA SHOWING AORs	2010_DB_Class_V_11x17.pdf Page 9
FIGURE B-2c WATER WELLS WITHIN CLASS V PERMIT AREA	2010_DB_Class_V_11x17.pdf Page 10
FIGURE B-3 SURFACE OWNERSHIP	2010_DB_Class_V_11x17.pdf Page 11
FIGURE B-4 MINERAL OWNERSHIP	2010_DB_Class_V_11x17.pdf Page 12
FIGURE D-1 DISTRIBUTION OF HYDROGEOLOGIC UNITS - BLACK HILLS AREA	2010_DB_Class_V_11x17.pdf Page 13
FIGURE D-2 GENERALIZED EAST-WEST CROSS-SECTION - BLACK HILLS UPLIFT	2010_DB_Class_V_11x17.pdf Page 14
FIGURE D-3 GENERAL DIRECTION OF GROUNDWATER FLOW (PALEOZOIC UNITS)	2010_DB_Class_V_11x17.pdf Page 15
FIGURE D-4 REGIONAL GROUNDWATER FLOW (LOWER PALEOZOIC)	2010_DB_Class_V_11x17.pdf Page 16
FIGURE D-5 ISOPACH MAP – DEADWOOD FORMATION	2010_DB_Class_V_11x17.pdf Page 17
FIGURE D-6 REGIONAL GROUNDWATER FLOW (UPPER PALEOZOIC)	2010_DB_Class_V_11x17.pdf Page 18
FIGURE D-7 DISSOLVED SOLIDS CONCENTRATION (UPPER PALEOZOIC)	2010_DB_Class_V_11x17.pdf Page 19
FIGURE D-8 STRUCTURE CONTOUR MAP - MADISON FORMATION	2010_DB_Class_V_11x17.pdf Page 20
FIGURE D-9 ISOPACH MAP - MADISON FORMATION	2010_DB_Class_V_11x17.pdf

	Page 21
FIGURE D-10 POTENTIOMETRIC SURFACE MAP - MADISON FORMATION	2010_DB_Class_V_11x17.pdf Page 22
FIGURE D-11 TDS CONCENTRATION - MINNELUSA FORMATION	2010_DB_Class_V_11x17.pdf Page 23
FIGURE D-12 STRUCTURE CONTOUR MAP - MINNELUSA FORMATION	2010_DB_Class_V_11x17.pdf Page 24
FIGURE D-13 ISOPACH MAP - MINNELUSA FORMATION	2010_DB_Class_V_11x17.pdf Page 25
FIGURE D-14 POTENTIOMETRIC SURFACE MAP - MINNELUSA FORMATION	2010_DB_Class_V_11x17.pdf Page 26
FIGURE D-14a POTENTIOMETRIC SURFACE MAP - UNKPAPA AQUIFER	2010_DB_Class_V_11x17.pdf Page 27
FIGURE D-15 STRUCTURE CONTOUR MAP - INYAN KARA GROUP	2010_DB_Class_V_11x17.pdf Page 28
FIGURE D-16 ISOPACH MAP - CHILSON MEMBER (INYAN KARA GROUP)	2010_DB_Class_V_11x17.pdf Page 29
FIGURE D-17 ISOPACH MAP - FUSON MEMBER (INYAN KARA GROUP)	2010_DB_Class_V_11x17.pdf Page 30
FIGURE D-18 ISOPACH MAP - FALL RIVER FORMATION (INYAN KARA GROUP)	2010_DB_Class_V_11x17.pdf Page 31
FIGURE D-19 POTENTIOMETRIC SURFACE MAP - INYAN KARA AQUIFER	2010_DB_Class_V_8x11.pdf page 31
FIGURE D-20 HYDROGEOLOGIC CROSS-SECTION LOCATION MAP	2010_DB_Class_V_11x17.pdf Page 32
FIGURE D-21 CROSS-SECTION A-A'	_2010_DB_Class_V_Fig_D-21_D-22_Composite_Print_to_Fit.pdf
FIGURE D-22 CROSS-SECTION B-B'	_2010_DB_Class_V_Fig_D-21_D-22_Composite_Print_to_Fit.pdf
FIGURE F-1 REGIONAL GEOLOGIC STRUCTURE MAP	2010_DB_Class_V_11x17.pdf Page 33
FIGURE F-2 STRUCTURE CONTOUR MAP - PRECAMBRIAN	2010_DB_Class_V_11x17.pdf Page 34
FIGURE F-3 SEISMICITY OF SOUTH DAKOTA	2010_DB_Class_V_11x17.pdf Page 35
FIGURE F-4 PEAK GROUND ACCELERATION MAP	2010_DB_Class_V_11x17.pdf Page 36
FIGURE K-1 SURFACE INJECTION PROCESS AND INSTRUMENTATION	2010_DB_Class_V_8x11.pdf Page 2
FIGURE M-1 PROPOSED WELL SCHEMATIC – DW NO. 1	2010_DB_Class_V_8x11.pdf Page 3
FIGURE M-2 PROPOSED WELL SCHEMATIC – DW NO. 2	2010_DB_Class_V_8x11.pdf Page 4
FIGURE M-3 PROPOSED WELL SCHEMATIC – DW NO. 3	2010_DB_Class_V_8x11.pdf Page 5
FIGURE M-4 PROPOSED WELL SCHEMATIC – DW NO. 4	2010_DB_Class_V_8x11.pdf Page 6
FIGURE M-5 PROPOSED WELLHEAD (TREE) SCHEMATIC	2010_DB_Class_V_8x11.pdf Page 7