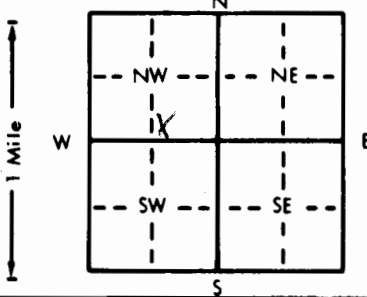


1 LOCATION OF WATER WELL: Fraction SW 1/4 SE 1/4 NW 1/4 Section Number 27 Township Number T 3 S Range Number R 16 EW
 County: Phillips

Distance and direction from nearest town or city street address of well if located within city?
Agra

2 WATER WELL OWNER: Kansas Dept Health and Environment KMW-03
 RR#, St. Address, Box # : Agra Pre-NPL Monitor Well #3 Board of Agriculture, Division of Water Resources
 City, State, ZIP Code : Agra, MO 64801 Application Number:

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: 4 DEPTH OF COMPLETED WELL: 89 ft. ELEVATION: 89 ft.



Depth(s) Groundwater Encountered 1. 55 ft. 2. 55 ft. 3. 55 ft.
 WELL'S STATIC WATER LEVEL 55 ft. below land surface measured on mo/day/yr 10-2-87
 Pump test data: Well water was 1-2 ft. after 9 hours pumping 10-2-87 gpm
 Est. Yield 1-2 gpm: Well water was 9 ft. after 9 hours pumping 10-2-87 gpm
 Bore Hole Diameter 9 in. to 89 ft., and 9 in. to 89 ft.
 WELL WATER TO BE USED AS:
 5 Public water supply 8 Air conditioning 11 Injection well
 1 Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 12 Other (Specify below)
 2 Irrigation 4 Industrial 7 Lawn and garden only 10 Observation well
 Was a Chemical bacteriological sample submitted to Department? Yes X No ; If yes, mo/day/yr sample was submitted
 Water Well Disinfected? Yes No

5 TYPE OF BLANK CASING USED:
 1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued Clamped
2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded
 7 Fiberglass Threaded X
 Blank casing diameter 2 in. to ft., Dia in. to ft., Dia in. to ft.
 Casing height above land surface 36 in., weight lbs./ft. Wall thickness or gauge No.

TYPE OF SCREEN OR PERFORATION MATERIAL:
 1 Steel 3 Stainless steel 5 Fiberglass 7 PVC 10 Asbestos-cement
 2 Brass 4 Galvanized steel 6 Concrete tile 8 RMP (SR) 11 Other (specify)
 9 ABS 12 None used (open hole)

SCREEN OR PERFORATION OPENINGS ARE:
1 Continuous slot 3 Mill slot 5 Gauzed wrapped 8 Saw cut 11 None (open hole)
 2 Louvered shutter 4 Key punched 6 Wire wrapped 9 Drilled holes
 7 Torch cut 10 Other (specify)

SCREEN-PERFORATED INTERVALS: From 74 ft. to 89 ft., From ft. to ft.
 From ft. to ft., From ft. to ft.
 GRAVEL PACK INTERVALS: From ft. to ft., From ft. to ft.
 From ft. to ft., From ft. to ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other
 Grout Intervals: From 0 ft. to 20 ft., From ft. to ft., From ft. to ft.

What is the nearest source of possible contamination:
 1 Septic tank 4 Lateral lines 7 Pit privy 10 Livestock pens 14 Abandoned water well
 2 Sewer lines 5 Cess pool 8 Sewage lagoon 11 Fuel storage 15 Oil well/Gas well
 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer storage 16 Other (specify below) Grain Elevator
 13 Insecticide storage

Direction from well? South How many feet? 106

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	25	Brown silt			
25	35	Light brown tighter clay			
35	40	Light brown clay			
46	75	Water bearing sand with clay			
75	80	Blue clay			
80	82	Clean sand			
82	89	Hard blue shale and clay with pyrite crystals			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was 1 constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) 10-2-87 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. This Water Well Record was completed on (mo/day/yr) 7-23-88

under the business name of Kansas Dept Health and Environment by (signature) Michael R Larson

INSTRUCTIONS: Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks, underline or circle the correct answers. Send top three copies to Kansas Department of Health and Environment, Bureau of Water Protection, Topeka, Kansas 66620-7320, Telephone: 913-862-9360. Send one to WATER WELL OWNER and retain one for your records.

OFFICE USE ONLY
 T 3
 R 16
 EW
 SEC. 27
 1/4
 1/4
 1/4

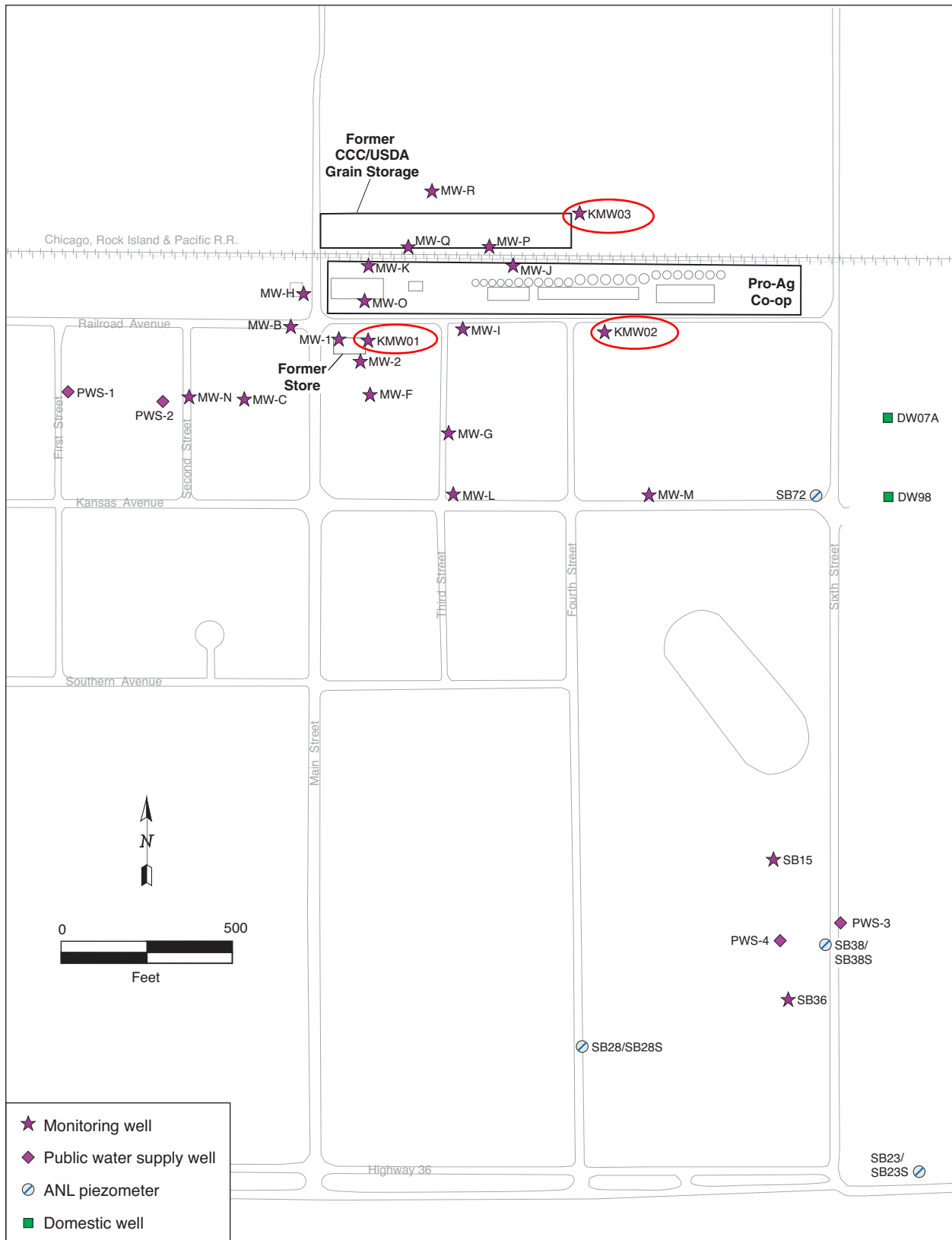


FIGURE 2.3 Permanent groundwater sampling locations in the wider study area at Agra.