

21-33S-38W
NW SW NW

Stacy Co
Iowa

33-38-21bcb Sample _____ log of test hole _____ augered drilled
(Well No.)
by KGS
in NW SW NW sec. 21, T. 33 S., R. 38 W.; 1500 feet south and 20 feet east of NW cor.
(400 ft south of pumped well)
Nov. 4, 1965, depth to water, _____ feet;
(Date)
altitude of land surface 3180.5 feet.

	Thickness, feet	Depth, feet
Loam, brown	5	5
Clay, silty, sandy, gray	20	25
Clay, silty, very sandy, reddish	6	31
Clay, silty, red	9	40
Sand, fine to very coarse and fine gravel	28	68
Silt, sandy, limy, reddish	7	75
Caliche, hard, very sandy, white to pink	11	86
Silt, sandy, limy, brown to tan	17	103
Sand, fine to coarse; contains 40% S.H. and white caliche streaks	35	138
Sand, fine to very coarse; contains white caliche cemented streaks and tan silty clay streaks	20	158
Clay, tough, brown	24	182
Caliche, very sandy, white	5	187
Clay, tough, brown	22	209
Clay, silty, brown; contains 30% sand	18	227
Clay, silty, sandy, brown	15	242
Sand, fine to coarse, contains thin red-brown clay streaks	25	267
Clay, silty, sandy, tan to reddish	16	283
Clay, silty, tan	14	297
Clay, tan	13	310

33-38-21bcb continued
(Well No.)

log of test hole

augered drilled

in

(Location)

(Date)

; depth to water,

feet;

altitude of land surface

feet.

	Thickness, feet	Depth, feet
Sand, fine to very coarse; contains thin silty clay streaks	42	352
Sand, fine to very coarse and fine gravel	12	364
Caliche, silty, clayey, white	4	368
Sand, coarse, and fine to medium gravel	17	385
Gravel, fine to coarse and fine to very coarse sand; slightly lime cemented	10	395
Caliche, hard, very sand, white	3	397
Gravel, fine to coarse, and fine to very coarse sand; phenoclasts composed of reworked Dakota Sandstone	19	416
Clay, sandy, silty, brown; contains thin streaks of sand and gravel	19	435
Gravel, fine to coarse, and medium to very coarse sand	7	442
Red bed, clay, silty, hard, red	18	460