

OWNER: Emporia P. O.
DRILLER: Mosley-Nash
COUNTY: Greenville

W # 301
C # 1
TOTAL DEPTH - 300'
QUAD - Emporia
ELEV. - 93'

DEPTH
(FEET)

WELL LOG

0-10	Sand	- yellow orange (10YR 4/6); abundant clay; very fine to fine, subangular, well sorted.
10-15	Sand	- grayish orange (10YR 6/4); sparse clay; fine to coarse, angular, moderate sorting; feldspar.
15-30	Granite, saprolitic	- grayish yellow green (5GY 7/2); fragments badly weathered granite with ochre inclusions; epidote and quartz fragments.
30-40	Granite, saprolitic	- greenish gray (5G 6/1); grains of angular and rounded quartz and quartz/epidote-hornblende.
40-50	Granite	- grayish yellow green (5GY 7/2); abundant clay; fine to coarse, subangular and subrounded, moderate sorting.
50-300	Granite	- grayish yellow green (5GY 6/2); very fine to coarse, subangular with some angular and subrounded grains, moderate sorting; feldspar fragments - also weathered; "greenstone" fragments; small granite fragments; rare mica; rare iron oxide - at 120' - large fragments along with 1% iron oxide/pyrite; at 160' color changes to grayish orange due to powdered fragments and 10% iron oxide; at 200' smaller fragments and subangular; 20% iron oxide staining; at 300' - 30% small fragments of iron oxide with staining.

Logged by:
J. K. Polzin
Jan. 30, 1981