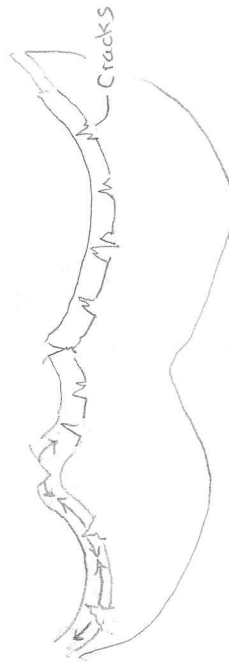
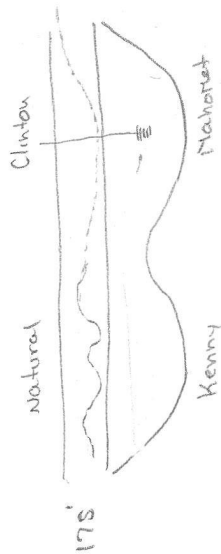
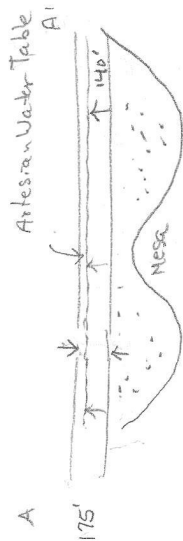
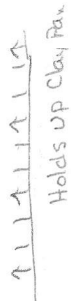


US EPA ARCHIVE DOCUMENT

CLILF



Force Diagram



Forces



Pressure changes

Drawdown, Seasonality

Relaxation or

Sag of Clay Pans...

deflection

deflection → strain → stress

clay pan

failure

features

(cracked: 11)

U.S. EPA Region 5

Integrity of Clay Pan Studies

Hydrostatic Forces and Cracking

Structural Explanation for Salt Crk. loc.

Clinton - Clinton LF; Dewitt Co., IL

S.M. Johnson

12/15/09

A-A' Line of Sec

See Fig 1 of 2

2 of 2

Compression



Tension

Clinton LF

cell #3

Crack

Salt Creek

Crack