

SOUTHERN NEW CASTLE - NORTHERN KENT COUNTIES
GROUNDWATER MONITORING PROJECT:
RESULTS OF SUBSURFACE EXPLORATION AND
HYDROGEOLOGICAL STUDIES

by
A. Scott Andres, Zachary J. Coppa, Changming He, and Thomas E. McKenna
2018

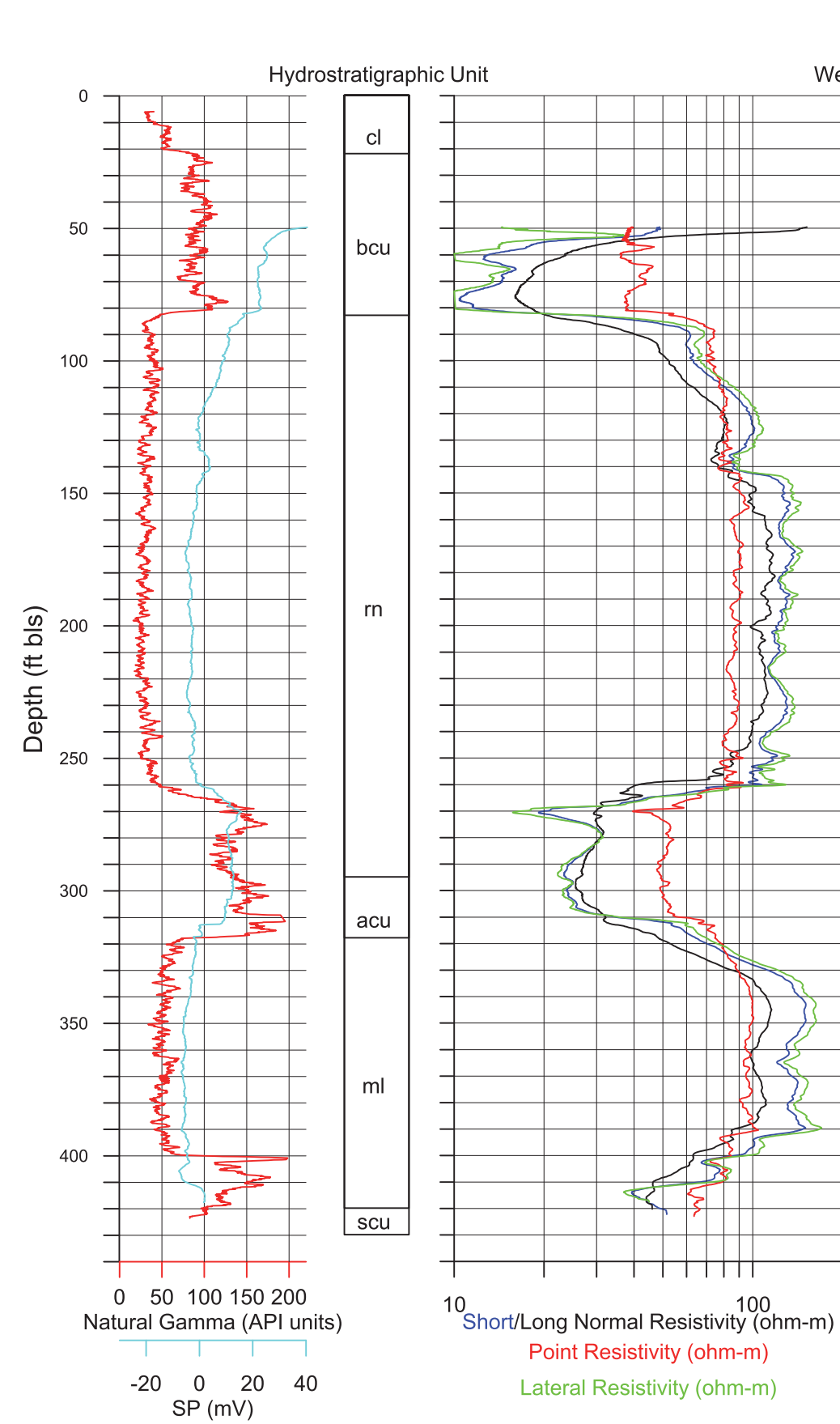


Figure 4. Geophysical log, hydrostratigraphy, and monitoring well data from site 1.

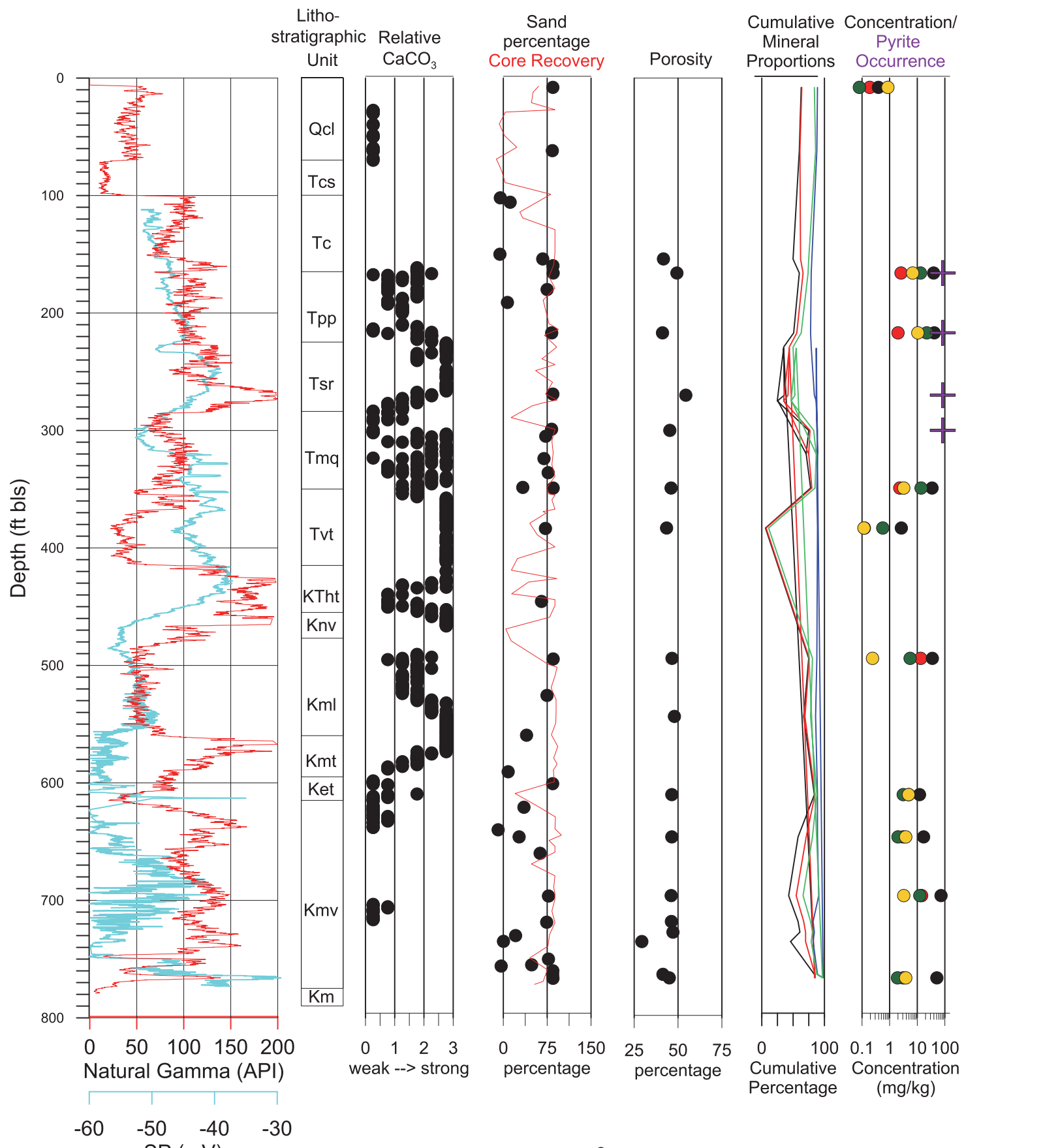


Figure 5. Summary of testing data from site 2a.

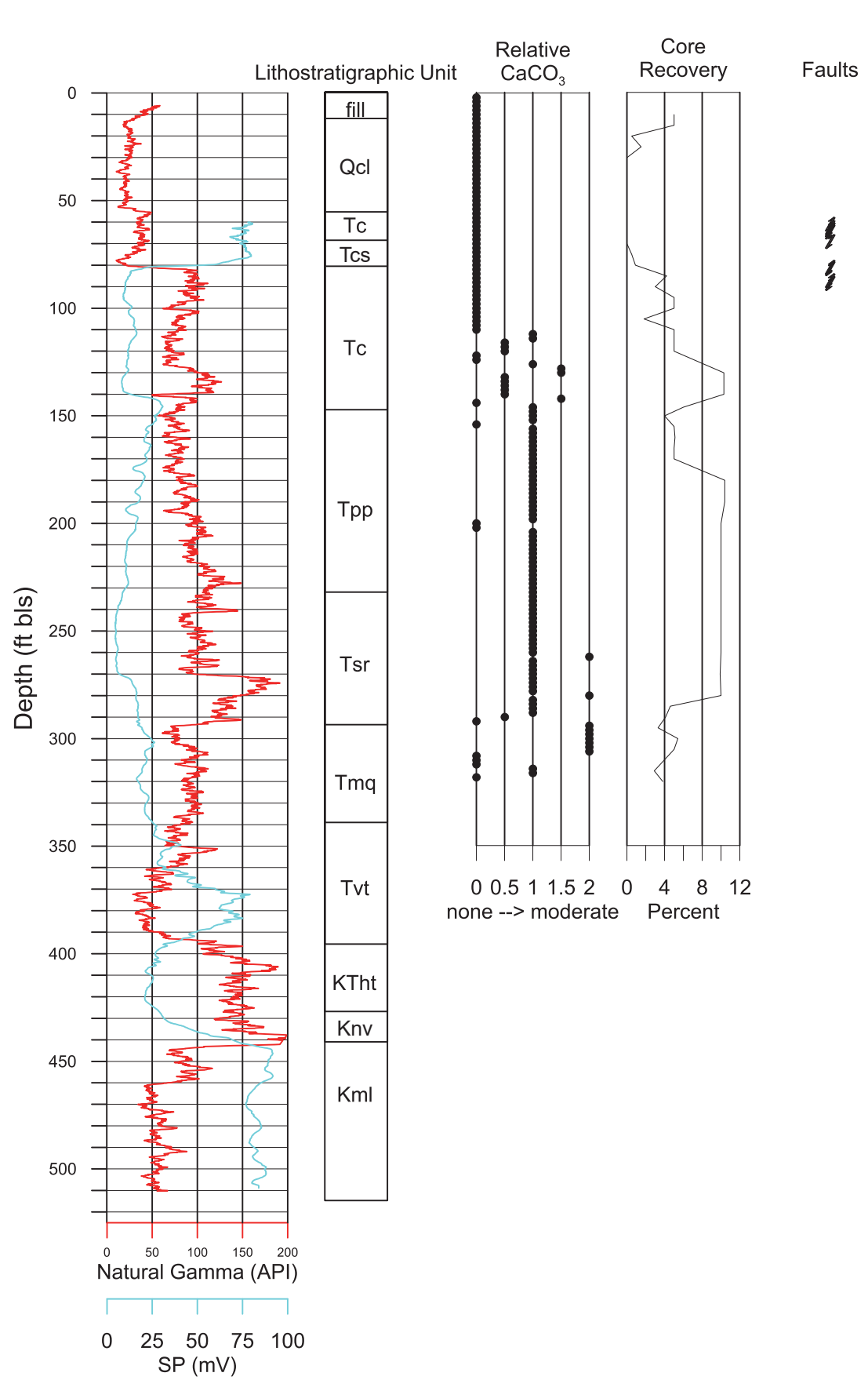


Figure 6a. Summary of testing data from site 2b.

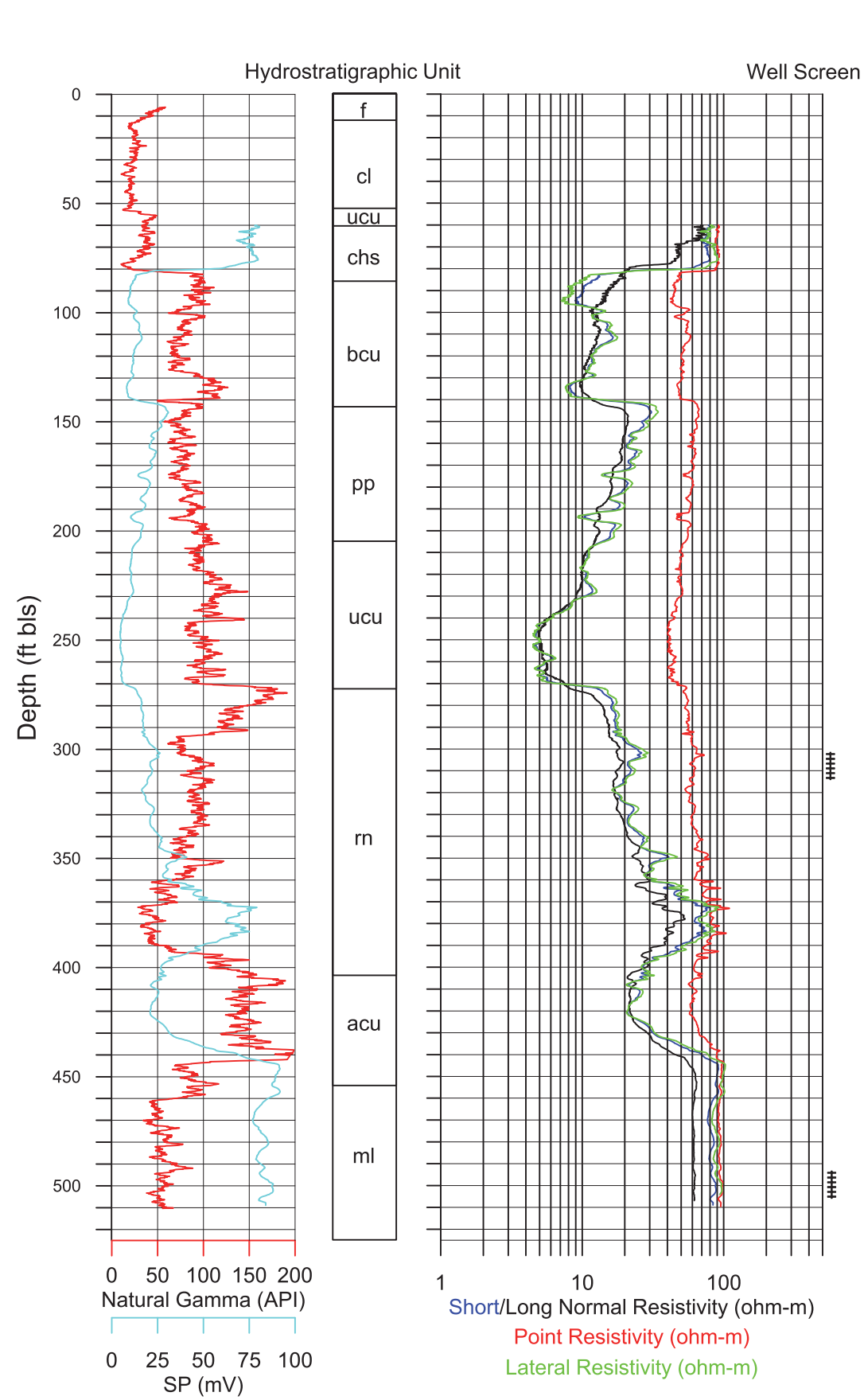


Figure 6b. Geophysical log, hydrostratigraphy, and monitoring well data from site 2b.

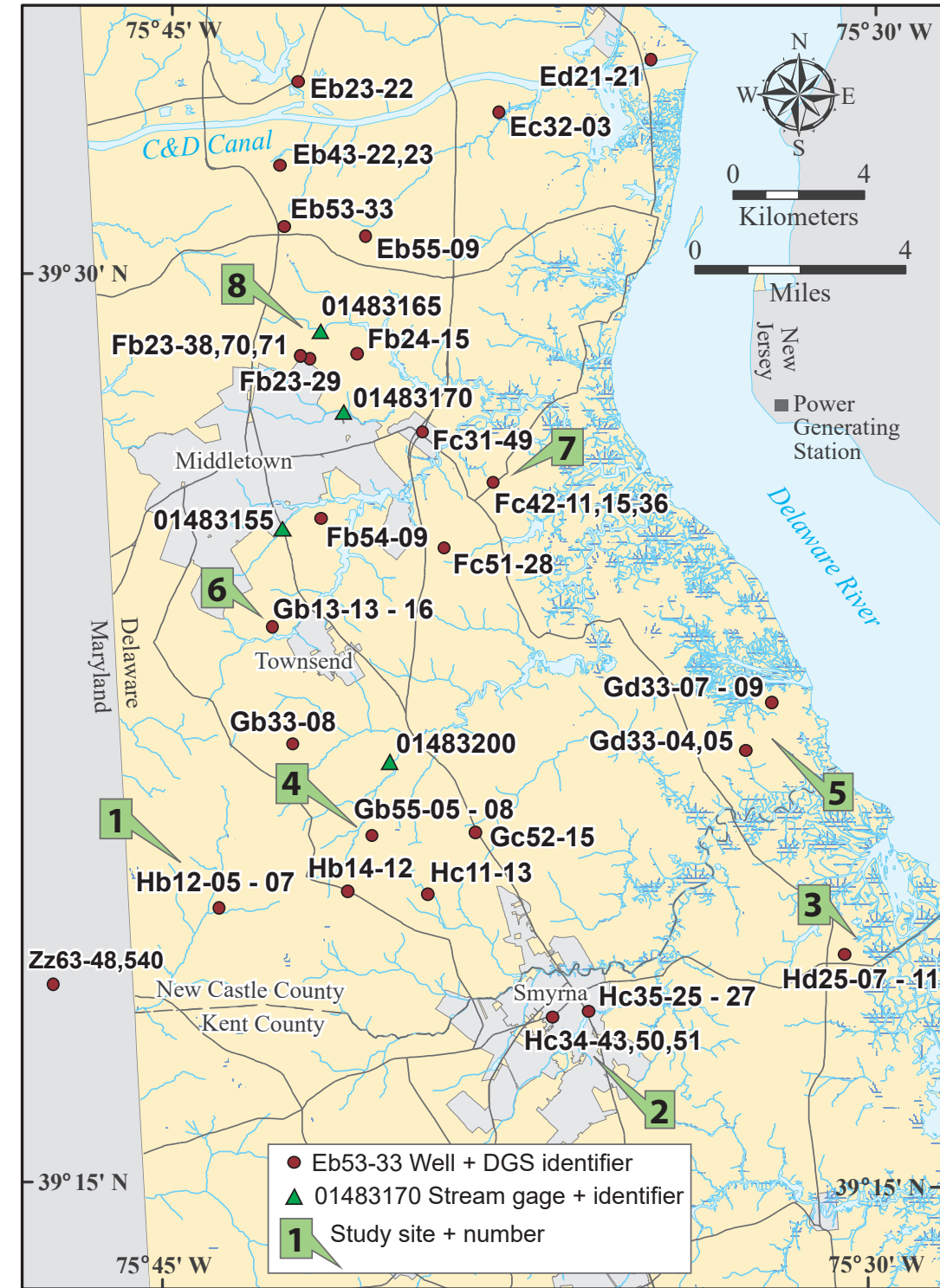


Figure 1. Location figure for sites discussed on this plate.

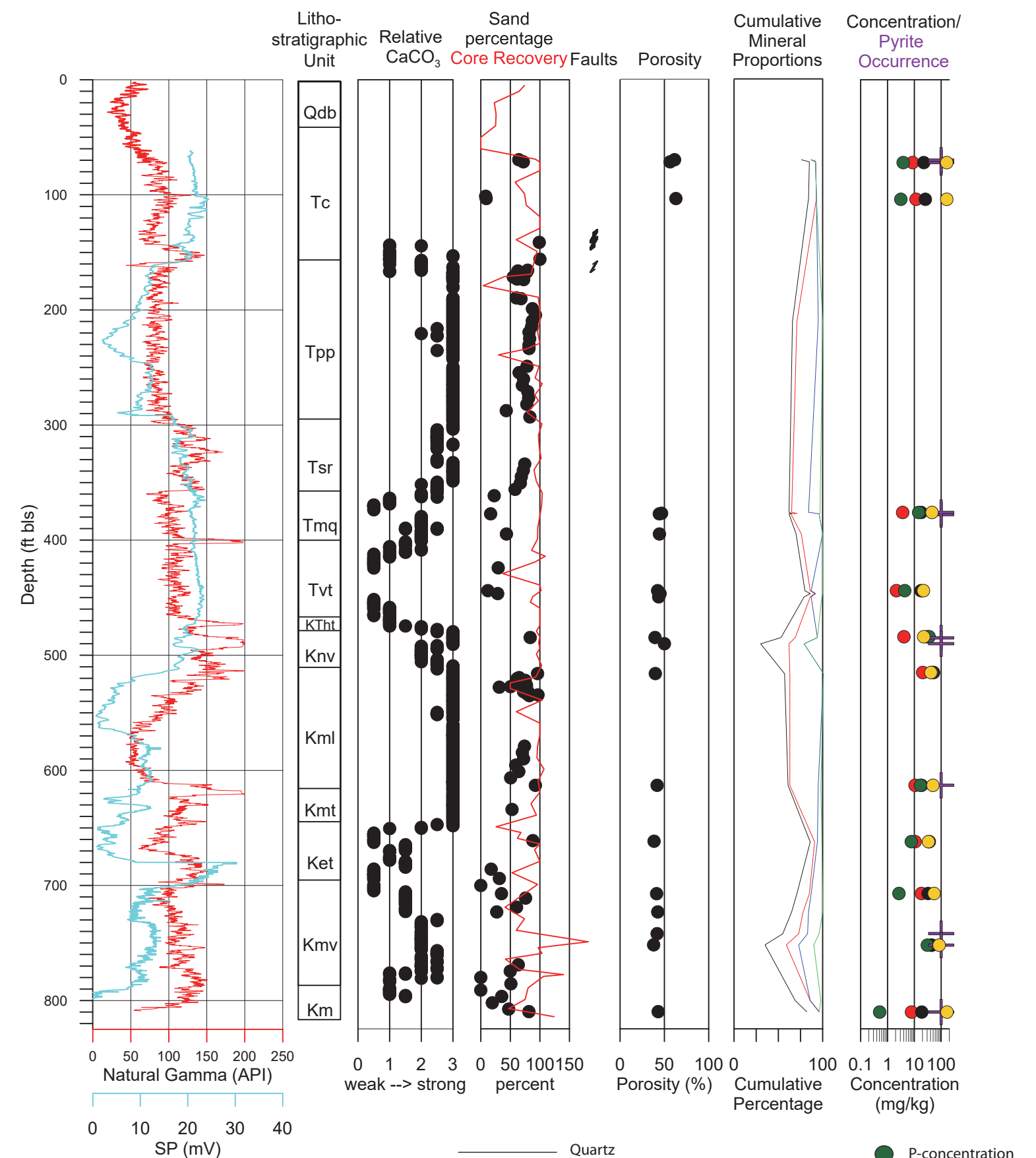


Figure 7a. Summary of testing data from site 3.

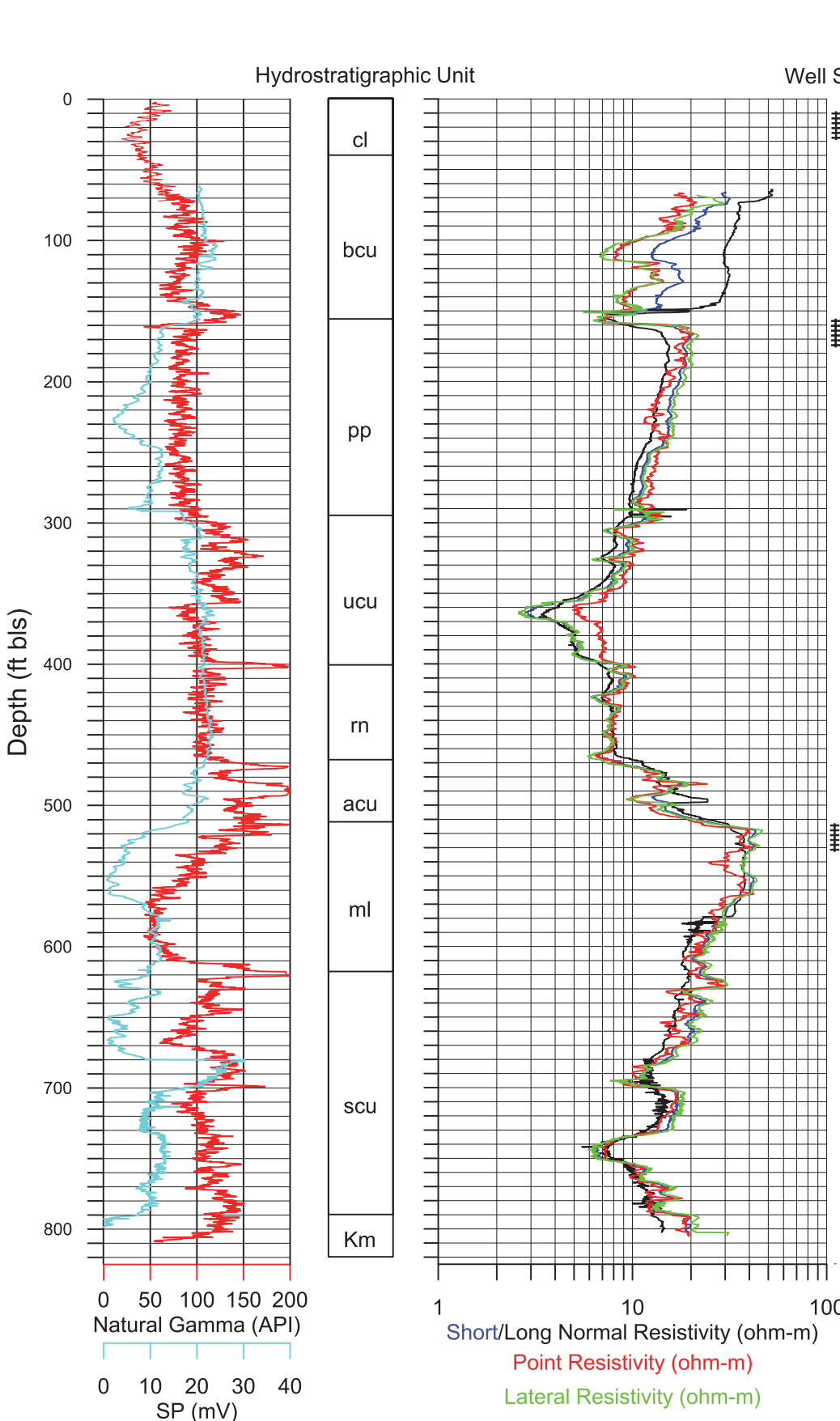


Figure 7b. Geophysical log, hydrostratigraphy, and monitoring well data from site 3.

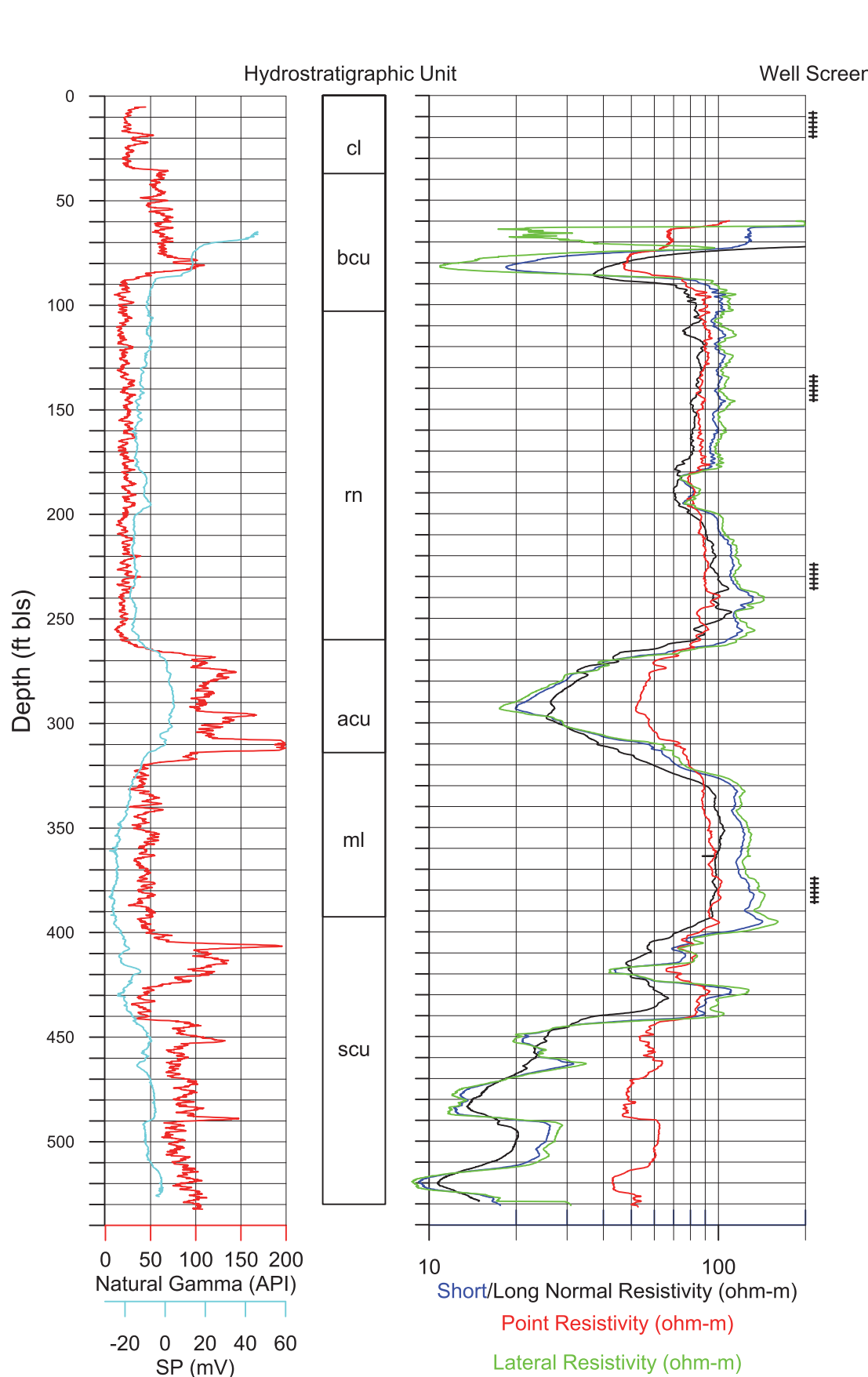


Figure 8. Geophysical log, hydrostratigraphy, and monitoring well data from site 4.

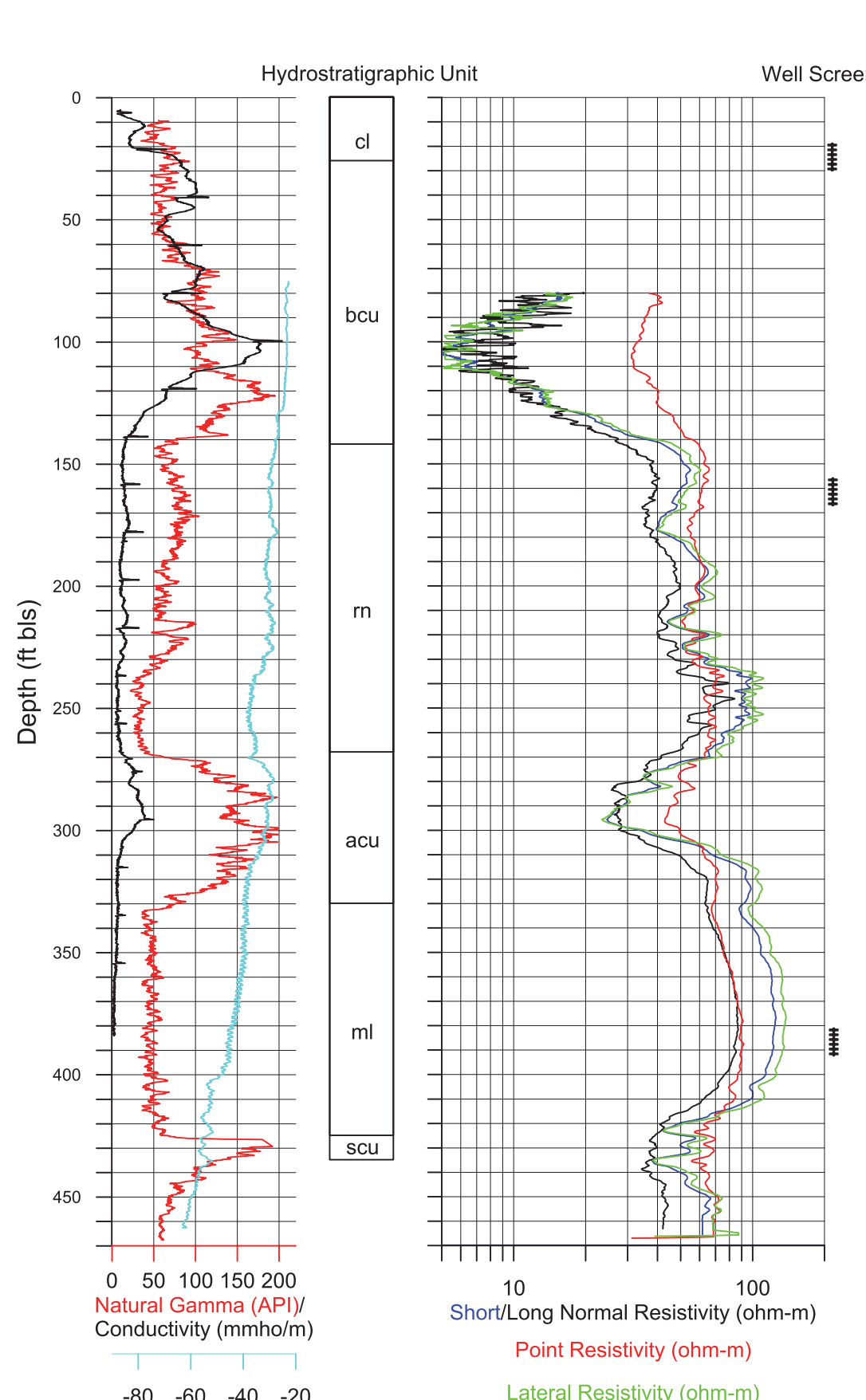


Figure 9. Geophysical log, hydrostratigraphy, and monitoring well data from site 5.

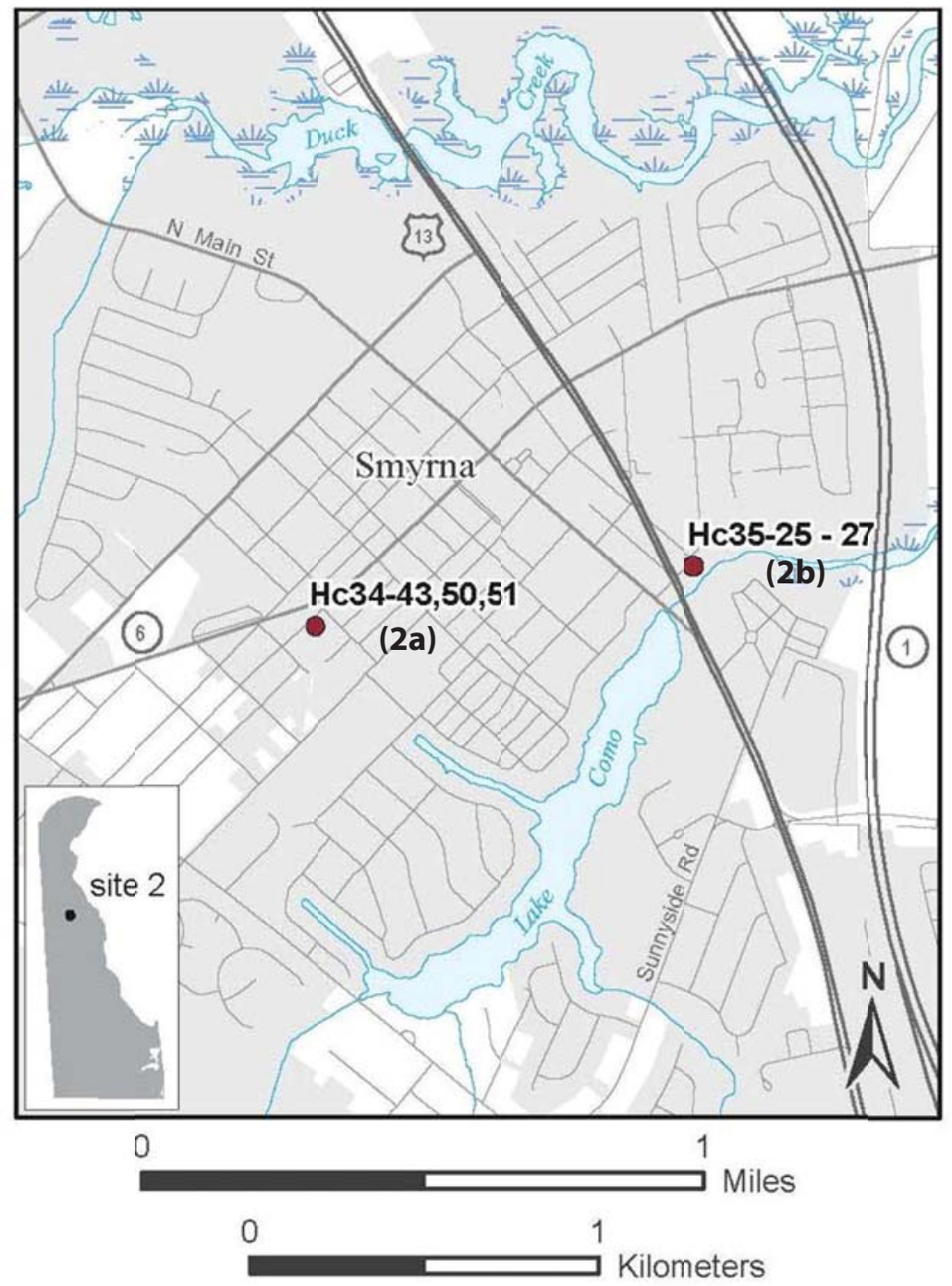


Figure 2a. Detail map for site 2.

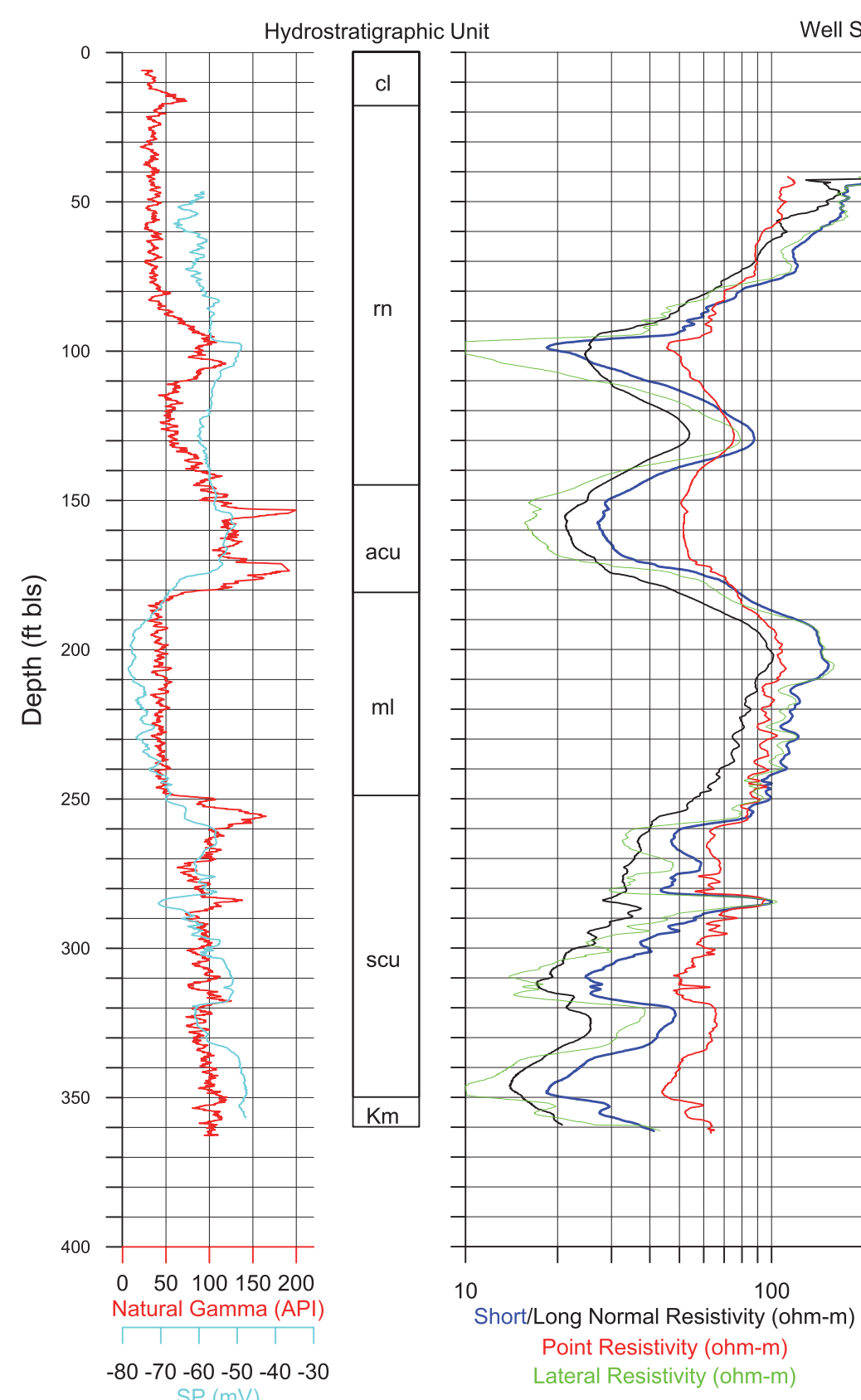


Figure 10. Geophysical log, hydrostratigraphy, and monitoring well data from site 6.

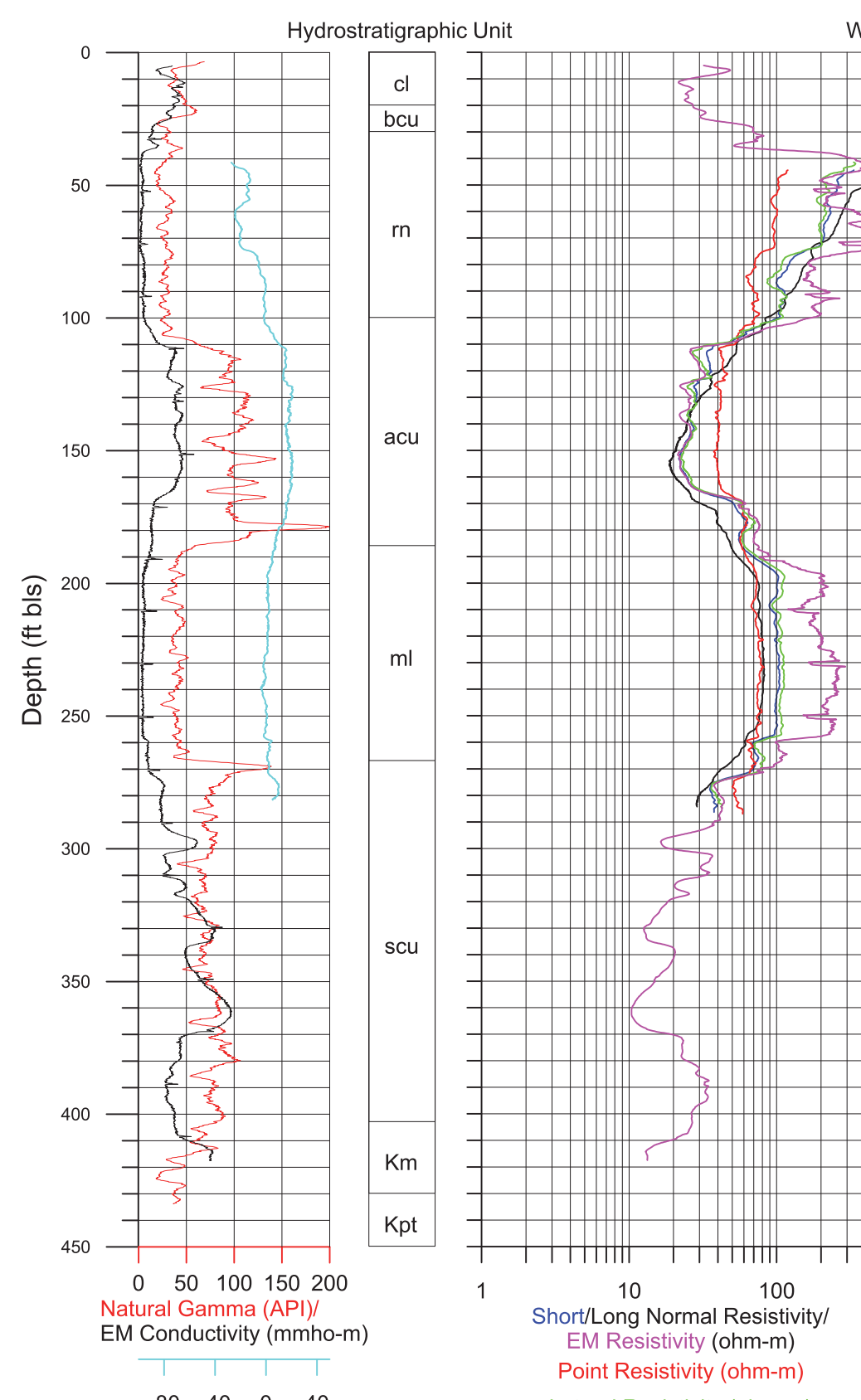


Figure 11. Geophysical log, hydrostratigraphy, and monitoring well data from site 7.

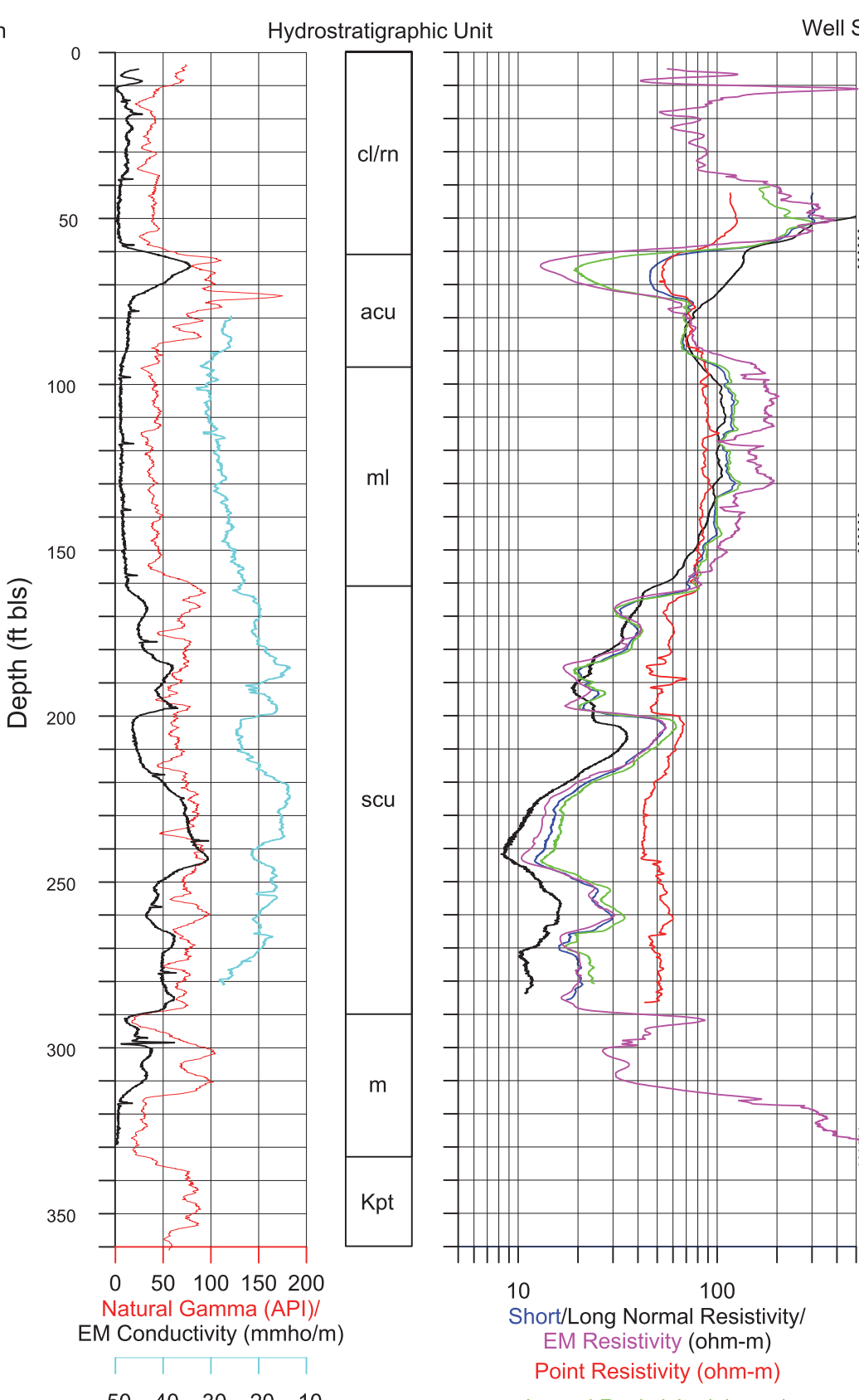


Figure 12. Geophysical log, hydrostratigraphy, and monitoring well data from site 8.

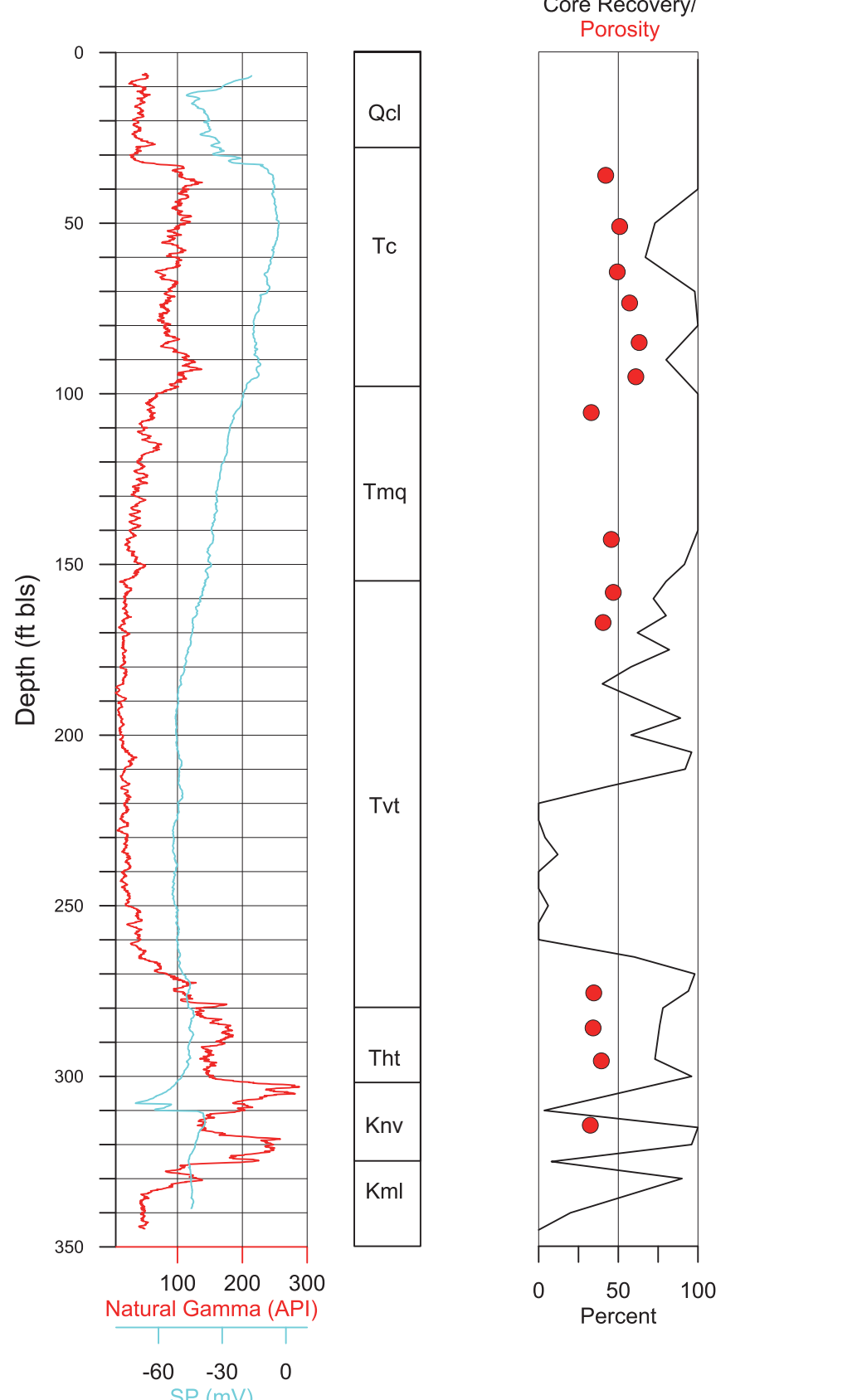


Figure 13. Summary of geophysical and lithostratigraphic data from Gc52-15.

Explanation for Symbols on Plate 1

acu	Armstrong confining unit
bcu	Blackbird confining unit
chs	Chesold aquifer
cl	Columbia aquifer
cl/rn	Columbia/Rancocas aquifer undifferentiated
f	fill
KTht	Hornertown Formation
Kns	Navesink Formation
Kml	Mt. Laurel Formation
Kmt	Marshalltown Formation
Ket	Englishtown Formation
Kmv	Merchantville Formation
Km	Magothy Formation
Kpt	Potomac Formation
m	Magothy aquifer
ml	Mt. Laurel aquifer
pp	Piney Point aquifer
Qcl	Columbia Formation
Qdb	Delaware Bay Group
rn	Rancocas aquifer
scu	Summit confining unit
Tc	Calvert Formation
Tcs	Chesold sand
Tmq	Manasquan Formation
Tpp	Piney Point Formation
Tsr	Shark River Formation
Tvt	Vincentown Formation
ucu	unnamed confining unit

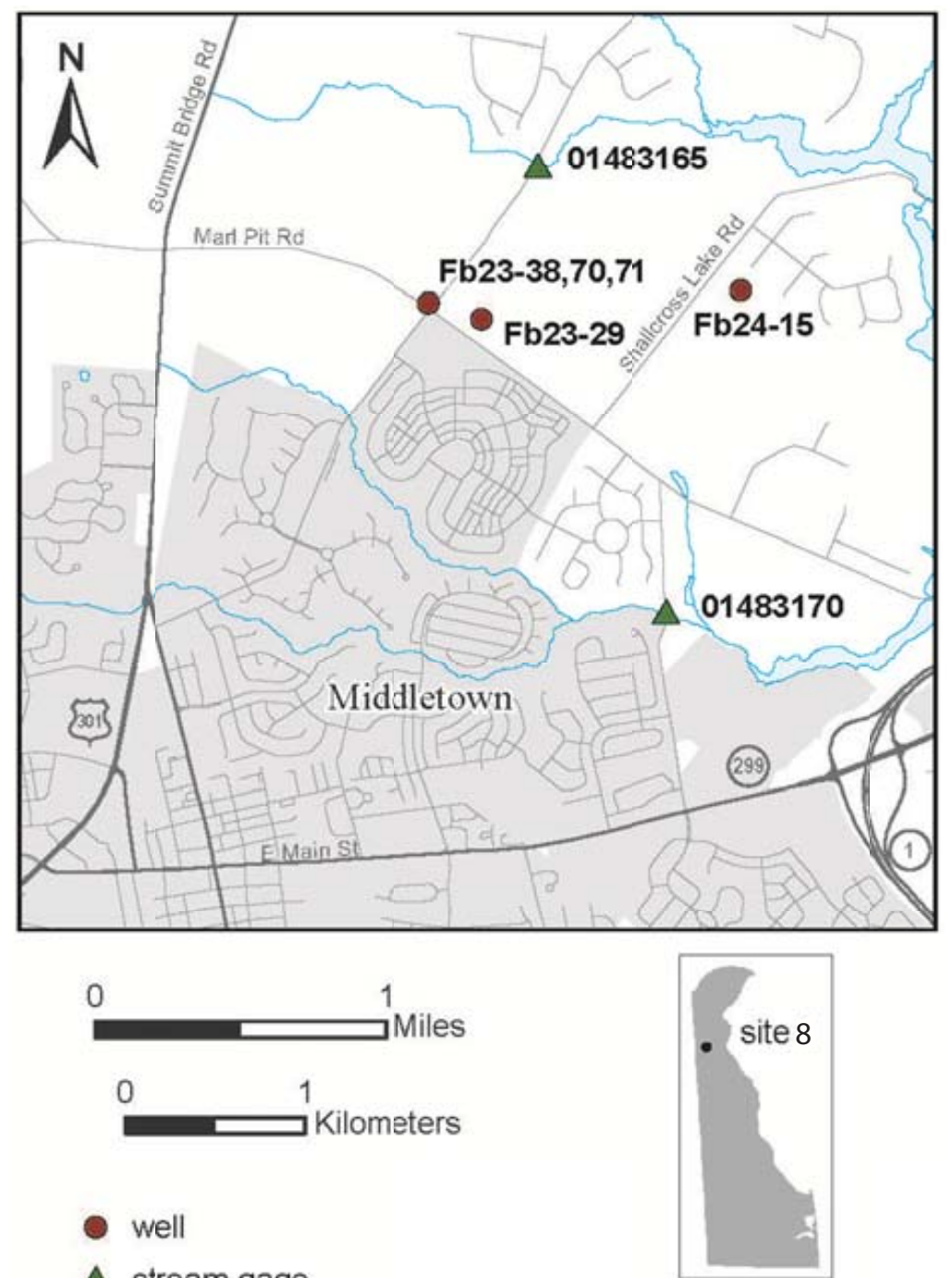


Figure 2b. Detail map for site 8.