

EPSc 413 SP17 Homework #5 ANSWER KEY

1.	Order	Soil Series (for reference)
a.	Alfisol	Armstrong
b.	Mollisol	Exira
c.	Spodosol	Saugutuck
d.	Oxisol	Bayomon
e.	Inceptisol	Piopolis
f.	Vertisol	Luton
g.	Alfisol	High Gap
h.	Mollisol	Paka

Reasoning should be consistent with the definition of each order and the sequential process used to determine the soil order.

2. A wide range of answers are possible for each of the four soil forming processes. See slides 3 and 4 of Lecture 19 for possible answers.

3. Answers will be unique to each student. If the soil map (from part b) and soil profile description (from part c) are not attached then the problem is not gradable. As noted by the email announcement to class, the soil series extent map (from part c) need not be included because the website that generates this map is broken. The rest of part c still must be completed, most importantly finding the soil profile description.