Name:_____ **Date:**_____

Partner:_____ **Watch Your units!**

Attach your final plot, professionally formatted.
Each group should submit one completed Excel spreadsheet (.xls, not .xlsx) to my inbox. The name of the spreadsheet should be *abc12-def34-magnetic.xls*, where the "abc12" and "def34" are the Geneseo email addresses of the two partners.
All data and computations must be done in the spreadsheet itself.

Directly measured values:

r = _____ ± _____ cm

R = _____ ± _____ cm

L = _____ ± _____ cm

D = _____ ± _____ cm

H_0 = _____ ± _____ cm

H_1 = _____ ± _____ cm

I_{min} = _____ amps

I_{max} = _____ amps

Computed values:

ΔH = _____ ± _____ cm

Δx = _____ ± _____ mm

d = _____ ± _____ mm

Slope = (_____ ± _____) × 10 kg/A^2

μ_0 = _____ ± _____ N/A^2

$\left(\frac{\mu_0}{\pi \times 10^{-7}}\right)$ = _____ ± _____

Linest results

Units →		