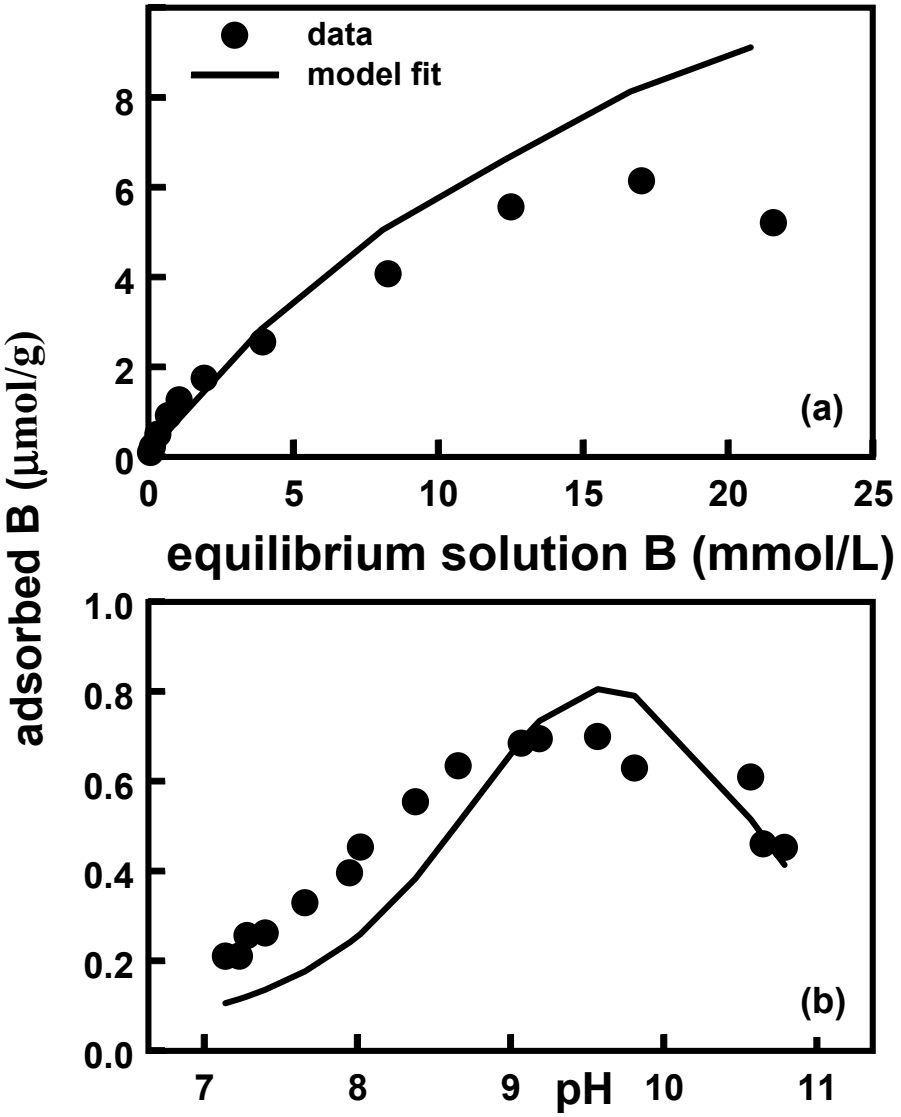Boron adsorption on Haines soil