LEPR\_AllPhases PCA Latent Space Representation Orthopyroxene Plagioclase 40 Apatite Quartz Amphibole Garnet 30 KSpar Clinopyroxene Spinel Oxide 20 Biotite Olivine 10 0 --10-20 -30 -2020 -40 0 40 60 80 PC2