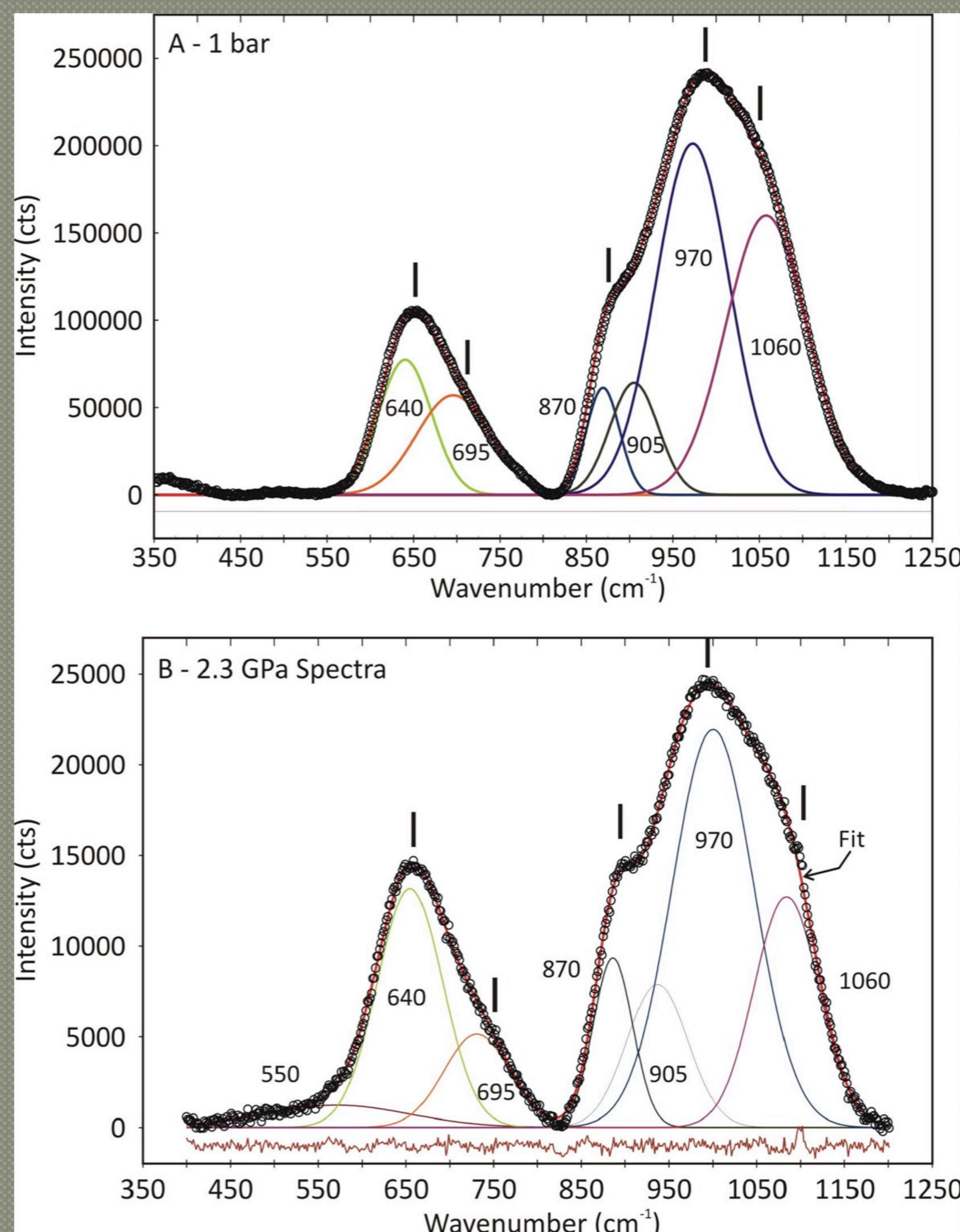


# "Raman spectroscopy and geomaterials: Recent advances and challenges in silicate melt structure and properties"

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- how and why Raman has exploded in its use in the geosciences in the last decade
- silicate melt structure: a very brief history of core concepts
- advantages, limitations and challenges inherent in Raman spectroscopy and its applications in the geosciences
- Raman as applied to glass/melt structural problems. Recent developments and common oversights in the literature
- current research on barium silicate melt structure and crystallization using Raman