

Raman peak assignments

	Raman shift (cm^{-1})	Literature
Feldspar	485	Freeman et al. (2008)
Quartz	465	Laskina et al. (2013)
CaCO_3	1089	Laskina et al. (2013)
Na_2CO_3	1080	Hiranuma et al. (2011)
$(\text{NH}_4)_2\text{SO}_4$	975	Tang and Fung (1989)
CaSO_4	1005	Hiranuma et al. (2011)
Na_2SO_4	990	Tang and Fung (1989)
NaNO_3	1069	Tang and Fung (1989)
$\text{Mg}(\text{NO}_3)_2 \cdot 6\text{H}_2\text{O}$	1059	Tang and Fung (1989)
$\text{Ca}(\text{NO}_3)_2 \cdot 4\text{H}_2\text{O}$	1050	Tang and Fung (1989)
C–H vibration (organics)	2800–3100	Baustian et al. (2012)
Black and brown carbon	1200–1700	Ivleva et al. (2007)
Bonded OH stretch	3200–3650	Baustian et al. (2012)
Fluorescent	–4000	