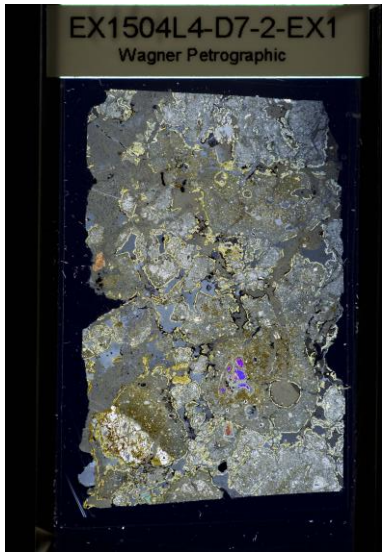
| General Information | | | |
|---|---|---|---|
| Sample Name (IGSN) | EX1504L4-D7-2 | | |
| Describer | Kevin Konrad | | |
| Sample Location | Southern-most Cones | | |
| Lithology prefix | Altered | | |
| General Lithology | Conglomerate | | |
| Texture 1 | | | |
| Texture 2 | | | |
| Whole Rock Original (%) | 100 | Check [ Ph + Vs + Gm = 100% ] | OK |
| Whole Rock Present (%) | 100 | Check [ Or = Pr + Rf ] | OK |
| Whole Rock Replaced (%) | 0 | Check [ Or = Pr + Rf ] | OK |
| Total Groundmass Original (%) | 100 | Check [ Gp + Gl + Ms = 100% ] | OK |
| Total Groundmass Present (%) | 100 | Check [ Or = Pr + Rf ] | OK |
| Total Groundmass Replaced (%) | 0 | Check [ Or = Pr + Rf ] | OK |
| Whole Rock Summary | A highly altered conglomerate with a phosphorite matrix and a thick Mn crust. The sample is greenish (chlorite?). | | |
| Thin Section Summary | A heavily altered conglomerate or hyaloclastite. It appears to be heavily altered aphyric basaltic clasts. There appears to be one amphibole grain (0.8mm) in the thin section and two 'shredded' clinopyroxene grains (~0.4mm). | | |

Whole Rock

Transmitted Light

| PHENOCRYSTS [Ph] | OL | PLAG | OPX | CPX | SPINEL | OTHER | VESICLES [Vs] | GRNDM [Gm] |
|---|---|---|---|---|---|---|---|---|
| Original (%) [ Or ] | | | | | | | | 100 |
| Present (%) [ Pr ] | | | | | | | | 100 |
| Replaced / Filled (%) [ Rf ] | | | | | | | | 0 |
| Check [ Or = Pr + Rf ] | OK | OK | OK | OK | OK | OK | OK | OK |
| Minimum Size (mm) | | | | | | | | |
| Maximum Size (mm) | | | | | | | | |
| Modal Size (mm) | | | | | | | | |
| Shape | | | | | | | | |
| Habit | | | | | | | | |
| Zonation Type | | | | | | | | |
| Zonation Extent | | | | | | | | |
| Exsolution Type | | | | | | | | |
| Special Features | | | | | | | | |
| Comments | | | | | | | | |

Cross Polarized




| GROUNDMASS [Gp] | OL | PLAG | OPX | CPX | SPINEL | OTHER | GLASS [Gl] | MSTASIS [Ms] |
|---|---|---|---|---|---|---|---|---|
| Original (%) [ Or ] | | | | | | | | |
| Present (%) [ Pr ] | | | | | | | | |
| Replaced / Filled (%) [ Rf ] | | | | | | | | |
| Check [ Or = Pr + Rf ] | OK | OK | OK | OK | OK | OK | OK | OK |
| Minimum Size (mm) | | | | | | | | |
| Maximum Size (mm) | | | | | | | | |
| Modal Size (mm) | | | | | | | | |
| Shape | | | | | | | | |
| Habit | | | | | | | | |
| Comments | | | | | | | | |