Site 1256, Table T40. Distribution of minerals in rocks and veins from thin section descriptions.

Core, section, interval (cm)	Depth (mbsf)	Cel	Sap/ Cel	FeOx	Hysc	Sap	Chl/ Sap	Chl	Sap/ Talc	Talc	Dk green brown phyll	Smec	Mag	Hem	Ilm	Dusty cpx/act	Act	Act/ Hb	Hb	Ortho amph?	Tit	Ab	Plag	Qz	Py	Cpy	Spha	Ep	Zeo	Pre	Anh	Ca-C	Cpx	Opx	Gn-cpx	Pum?	Gran
312-1256D-																																						
173R–1, 39–42	1260.99							r					r			r	r				r	r		r	r					r								
173R–1, 124–127	1261.84							rv					r								r	r		v	rv	r		rv		rv	v							
173R–2, 6–10	1262.03							rv								r	r				r	r		rv	r													
174R–1, 70–73	1266.10							r								r	r					r		r				r		r		r						
174R–1, 92–97	1266.32							r								r	r				r			r	r	r		r	r	r								
174R–1, 130–134	1266.70							r								r	r					r		r	r	r												
175R–1, 43–46	1271.73							rv					rv				r				r	r		v	rv				v	rv	v							
175R–1, 58–62	1271.88							rv								r					rv	r		v	rv													
175R–1, 113–117	1272.43							r								r	r				r	r		r	r					r								
176R–1, 8–12	1276.18							r	v				r			r	r				rv	r		rv	rv				v	rv		v						
176R–1, 92–94	1277.02							rv								r	rv				rv	r		v	rv													
176R–1, 133–136	1277.43							rv					r			r						r		v	rv													
176R–2, 0–2	1277.60							v					v				rv				v	r		v		v		v	v	v								
176R–2, 3–9	1277.63							v									rv				v	r		v				v		v	v	v						
176R–2, 22–25	1277.82							r					r			r						r			r													
176R–2, 83–86	1278.43							r								r	r					r			r													
178R–1, 31–34	1286.01							r								r	r					r			r													
179R–1, 5–9	1290.55							r					r				rv					r		v						v	v							
180R–1, 0–4	1295.30																rv				r	r		v	rv	r		v		v								
181R–1, 27–30	1300.37							rv								r	rv					r		v	rv	r						v						
181R–1, 43–47	1300.53															r	r					r			r													
182R–1, 25–28	1305.15							rv								r	r					rv			r													
184R–1, 10–12	1314.60												rv			r	rv					rv			r													
184R–1, 100–104	1315.50							rv									rv				r	r		v	r					r								
186R–1, 48–53	1319.98												rv				rv				r	rv		v														
187R–1, 17–18	1324.47												r			r	rv								r	r												
187R–1, 74–77	1325.05												rv				rv				r	r		v	r				v	rv								
187R–1, 89–90	1325.19							rv					r				rv				rv	r																
187R–2, 112–118	1326.79							rv					v			r	rv				rv	rv																
189R–1, 68–69	1334.58												r			r	r				r				r													
190R–1, 14–16	1338.84							rv					rv				rv				rv			v				r		v								
192R–1, 11–13	1348.41									r		r	r			v	r	rv	r						r													
194R–1, 8–13	1357.98							rv					rv				rv				r	rv	v	v	v	rv		v		rv								
194R–1, 8–13	1357.98							rv					r			r	v				rv			r				rv		v		rv						
194R–1, 36–37	1358.26												r			r	r					r	r	r	r								r					
196R–1, 32–33	1364.02												r			r	r							r	r								r					
197R–1, 3–6	1367.53							r					r			r	rv							r	rv	v			r		r		r					
198R–1, 13–15	1369.13												r			r	r							r	r				r				r					
198R–1, 13–15	1369.13												r			r	r							r	r								r					
202R–1, 48–50	1373.28												rv			r	rv							rv	v							v						
203R–1, 10–14	1374.90							v					rv				rv							rv	v	r			v		v		v					
205R–1, 10–14	1382.20												rv			r	rv							rv	v								r					
202R–1, 42–43	1373.22												r				rv							r		r	r						rv					
206R–1, 12–16	1387.02							v					rv				rv							r	rv				v		v		r					
207R–1, 0–3	1390.70												rv			r	rv							r	r	r							v					
209R–1, 0–6	1396.50												r			r	rv							r	r	r							r					
209R–1, 2–10	1396.58												rv				rv							r	rv	r							rv	v				
207R–1, 10–15	1390.80												rv				rv							r	rv	v							rv	v				
212R–1, 17–20	1404.27												r				rv							r	r								r					
212R–1, 24–27	1404.34							v					r				v	r	v					r	v	r							r	v				
213R–1, 17–19	1406.27												r				r							r	r	r							r					
213R–1, 51–54	1406.61							rv					r				rv			r	rv	r		r	v				r		rv		r	r				
214R–1, 41–47	1411.31							r					r				r				r			r					r		r						
214R–1, 108–111	1411.98							r					r				r				r				rv				rv	r	r						
214R–1, 121–125	1412.11							r					r				r				r			r					r	r	r						
214R–2, 4–6	1412.35												r				r							r													
214R–1, 50–51	1412.85							r					r				r							r		r			r								
214R–1, 34–35	1411.24							r					r				r				r	r		r					r	r	r						
214R–1, 70–73	1411.60							rv					r				r				r	r		v					rv	rv	r		r				
214R–1, 94–95	1411.84							r					r				r			r	r	r							r	r	r						
214R–1, 136–139	1412.26							r					r				r			r	r	r							r	r	r						
214R–2, 15–17	1412.50							r					r				r								r	r											
214R–3, 6–10	1413.87									r			r				r							r					r		r						
215R–1, 84–88	1416.54												r				r				r			r					r		r						
215R–2, 12–14	1417.25												rv				rv							r													
215R–1, 42–44	1417.53												r				r								r												
215R–2, 67–71	1417.80																r							r													
216R–1, 88–91	1418.78												r				r							r													
216R–1, 119–122	1419.09												r				r																				
216R–1, 142–147	1419.32							rv					rv				rv							r					v		v						
217R–1, 4–9	1421.64												r				r							r	r	r												
217R–1, 64–69	1422.24				r			r					r			r	r					r	r						r		r					r	
217R–1, 89–91	1422.49							r					r				r				r			r	r	r			r		r		r					
219R–1, 61–62	1430.61							v					r				r							r	v	r												
220R–1, 8–10	1435.08							rv					r				r							r							v						
220R–1, 24–29	1435.24							rv					r			r	r							rv	rv	r			rv		v						
220R–1, 40–43	1435.40				r			r					r				r							r		r	r											
220R–1, 52–58	1435.52				r			r					r				r							r		r												
221R–1, 58–60	1440.18							rv					r				r							r		r												
222R–1, 23–25	1440.83				?			r					r				r							r		r												
222R–1, 55–57	1445.15							rv					r				rv							r														
222R–2, 5–10	1446.15							r		r			r			r	r							r				r										
223R–1, 42–45	1449.72							r		r			r			r	r								r													
223R–1, 62–67	1449.92							r					r				r							r		r	r		r		r							
223R–2, 39–41	1451.17							r		r			r				r							r		r	r											
223R–2, 57–60	1451.35									r			r			r	rv							r		r						r						
223R–2, 101–105	1451.79							rv					r				rv	r						r														
223R–3, 1–6	1452.29							r		r			r				rv	r	rv		r				r	r							r					r
224R–1, 4–5	1454.34							r					r			r	r	r							r								r					r
225R–1, 0–3	1458.90															r	rv							r									r	r				r
225R–1, 9–12	1458.99							v					r			r	rv							r	v	r												
227R–1, 12–14	1468.62							r					r				r	r	r		r				r	r												
227R–1, 23–28	1468.73							r					r				rv	r			rv			v	r													
227R–1, 84–86	1469.34							r					r								r	r		r				r		r								
227R–1, 87–91	1469.37							r												r	r	r		r	r			r	r									rv
227R–2, 71–75	1470.71							r					r			r	r				r	rv	r	r				r		r		r	rv					
212R–1, 29–32	1404.39												rv				rv	r			r	rv	r					r										
227R–2, 113–116	1471.13							v					r				v	rv			v		v	r				v										
230R–1, 15–18	1483.15							r					r				r	r	r					r				r					r					r
230R–1, 49–54	1483.49						r	v					r				v	rv	v			v	v	r									v	v				
230R–1, 59–63	1483.59							r					r			r	r				r	r		r	r													
230R–1, 126–130	1484.26							rv					r					r	r				rv	r														
230R–1, 36–40	1484.86							r					r				r	r	r			r		r	r													
231R–1, 13–16	1489.32							r		r			r				r		r			r		r	r													
231R–3, 21–25	1490.77							r	r	r			r				r	r	r			r		r														
232R–1, 97–100	1493.87							r		r			r				r		r					r	r													
232R–2, 0–3	1493.98							r					r					r	r					r														
232R–2, 52–54	1494.50							r					r				r	r	r					r	r													
232R–2, 98–100	1494.96							r					r			r	r		r			r		r	r								r	r				r
234R–1, 19–22	1502.69							r								r		r				r	r														
209R–1, 15–19	1396.65							r					r				r							r		r												
215R–1, 10–15	1415.80							r		r			r					r						r		r												
233R–1, 13–14	1497.63												r			r		rv								r												

Note: r = present in groundmass, v = present in veins, rv = present in both groundmass and veins. Mineral abbreviations: cel = celadonite, sap = saponite, FeOx = iron oxyhydroxide, hysc = hydroschorlomite, chl = chlorite, phyll = phyllosilicate, smec = smectite, mag = magnetite, hem = hematite, ilm = ilmentite, dusty cpx = dusty, corroded clinopyroxene, act = actinolite, hb = hornblende, ortho amph = amphibole, tit = titanite, ab = albite, plag = plagioclase, qz = quartz, py = pyrite, cpy = chalcopyrite, spha = sphalerite, ep = epidote, zeo = zeolite, pre = prehnite, anh = anhydrite, Ca-C = calcium carbonate, opx = orthopyroxene, gn-cpx = secondary green clinopyroxene, pum = pumpellyite, gran = granular texture.