

SUPPLEMENTARY TABLE 1. MINERALS ENCOUNTERED IN AND NEAR THE PURPLE FLUORITE RIBBONS IN THE CALCITE–FLUORITE DIKE

	Early minerals	Late minerals
Dwyer mine 1		
#17	Cal, Fl, Qtz, Ap	Aln-(Ce)
#18	Cal, Fl	Bsn-(Ce), Syn-(Ce)
#19	Cal, Fl, Ap	
#20	Cal, Fl, Qtz	Bsn-(Ce)
Dwyer mine 2		
#1	Cal, Fl, Ttn, Ap, Bsn-(Ce)	
#2	Cal, Fl, Ttn, Bsn-(Ce)	Syn-(Ce), Pst-(Ce), Hem
#3	Cal, Fl, Bsn-(Ce)	Syn-(Ce), Pst-(Ce), Ytt-(Y)
#4	Cal	Syn-(Ce), Pst-(Ce)
#5	Cal, Fl, Ap	Qtz
#6	Cal, Fl, Ap	
#7	Cal, Fl, Qtz	
#8	Cal, Fl, Ap	
#9	Cal, Fl, Qtz	Aln-(Ce), Hem
#10	Cal, Fl, Bsn-(Ce)	
#11	Cal, Fl, Bsn-(Ce)	
#12	Cal, Fl, Bsn-(Ce)	Pst-(Ce)
#13	Cal, Qtz	
#14	Cal, Fl, Ap, Qtz, Bsn-(Ce)	Pst-(Ce)
#15	Cal	Anh, Bri-(Y)
#16	Cal	Bri-(Y), Syn-(Ce), Gn
#17	Cal, Fl, Ap, Ttn	Bsn-(Ce), Bri-(Y), Syn-(Ce)
#18	Cal, Ttn	Bsn-(Ce), Bri-(Y), Syn-(Ce), Ilm
#19	Cal	Bsn-(Ce), Bri-(Y), Pst-(Ce), Bri-(Ce)
#20	Cal, Fl	Bri-(Y), Syn-(Ce), Pst-(Ce)

The principal early minerals are calcite and fluorite. The late minerals are considered to be secondary, *i.e.*, crystallized from an aqueous fluid phase. Symbols: Aln-(Ce): allanite-(Ce), Anh: anhydrite, Ap: apatite, Bri-(Y): britholite-(Y), Bsn-(Ce): bastnäsite-(Ce), Cal: calcite, Fl: fluorite, Gn: galena, Hem: hematite, Ilm: ilmenite, Qtz: quartz, Syn-(Ce): synchysite-(Ce), Ttn: titanite, Ytt-(Y): yttrialite-(Y).