

SUPPLEMENTARY TABLE 1. MINERALS ENCOUNTERED IN
 BLUE MARBLE SPECIMEN JF-16 FROM ALONG AUTOROUTE 5,
 NEAR THE WAKEFIELD EXIT, QUEBEC

#	Early minerals	Late minerals
1	Py, Adr, Di, Cal, Wo	Brt, Cal
2	Di, Wo	Py, Cal
3	Adr, Cal, Wo	Cal
4	Adr, Di, Cal, Wo	
5	Pyh, Pn, Py, Cal, Wo	Adr
6	Pn, Adr, Di, Wo	
7	Di, Ap ₁	Ap ₂ , Gr, Brt, Cal
8	Di, Wo	Bul, Cal
9	Py, Di, Cal, Wo	Hem or Mag
10	Di, Ap ₁ , Wo	Brt
11	Pn, Cal, Wo	Val, Cal
12	Adr, Di, Wo	Cal
13	Adr, Di, Wo	
15	Pyh, Pn, Ccp, Wo	Adr, Hapo-K
16	Pn, Di, Wo	Val, Bri-(Y)
17	Pn, Di, Wo	Adr, Val
18	Di, Ap ₁ , Cal, Wo	Ap ₂ , Bul, Hapo-K, Brt
19	Ap ₁ , Cal	Ap ₂ , Bul, Hapo-K, Brt, Gr
20	Adr, Di, Cal	
21	Di, Cal	
22	Di, Cal, Wo	Hem, Bri-(Ce), Cal
23	Di, Ap ₁ , Wo	Bul, Brt, Gr
24	Di, Ap ₁ , Wo	Bul, Brt, Gr
25	Di, Ap ₁ , Wo	Bul
26	Di, Ap ₁ , Wo	Bul, Hem
27	Di, Wo	Py, Cal
28	Pyh, Pn, Cal, Di, Wo	Adr
29	Adr, Di, Cal, Wo	Cal
30	Di, Cal, Wo	Xtm-(Y)
31	Di, Adr, Wo	
32	Di, Wo	Adr, Cal, Brt
33	Di, Ap ₁ , Wo	Py
34	Di, Adr, Cal, Wo	Adr
35	Adr, Di, Cal, Wo	
36	Di, Wo	Xtm-(Y)
37	Adr, Di, Cal, Wo	Adr, Cal
38	Di, Cal, Wo	Py, Hem
39	Ap ₁ , Cal, Wo	Py
40	Di, Ap ₁ , Wo	Adr, Bri-(Ce)
41	Adr, Di, Ap ₁ , Cal	Adr, Cal
42	Ap ₁ , Cal, Wo	Ap ₂ , Bri-(Ce)
43	Adr, Di, Cal, Wo	Bri-(Ce)

44	Pyh, Di, Wo	Pn
45	Py, Pn, Di, Cal, Wo	Val
46	Py, Di, Cal	Val
47	Py, Adr, Di, Cal, Wo	Bri-(Ce)
48	Adr, Di, Ap ₁ , Wo	
49	Di, Ap ₁ , Wo	Adr, Bul, Brt, Cal, Gr
50	Di, Wo	Adr, Ap ₂
51	Wo	Val
52	Py, Di, Cal, Wo	Adr, Val
53	Di, Ap ₁ , Wo	Bri-(Ce)
54	Adr, Di, Cal, Wo	Ap ₂ , Cal
55	Adr, Di, Ap ₁ , Wo	Adr
56	Pyh, Pn, Ccp, Wo	Adr, Ilv
57	Ccp, Di, Ap ₁ , Wo	Bri-(Ce)
58	Pn, Ccp, Di, Cal	
59	Py, Di, Wo	Adr
61	Adr, Di, Ap ₁ , Wo	Val
62	Di, Ap ₁ , Wo	Brt, Py
63	Di, Ap ₁	Bul, Brt, Gr
64	Ap ₁	Bul, Brt, Adr, Cal
65	Ap ₁ , Wo	Adr, Hapo-K
66	Ap ₁ , Wo	Bul, Hapo-K
67	Ap ₁ , Wo	Bri-(Ce), Hapo-K
68	Di, Ap ₁ , Wo	Bul, Ap ₂
69	Di, Ap ₁ , Wo	Bul, Brt, Cal
70	Ap ₁	Bul, Flr, Adr, Hapo-K, Gr, Ap ₂
71	Ap ₁ , Wo	Bul, Adr, Ap ₂
72	Ap ₁ , Wo	Bul, Flr, Ap ₂

Symbols used: Adr: andradite, Ap₁: quaternary apatite-supergroup mineral (P > Si > S > C; minor Cl peak), Ap₂: apatite (P >> Si > S), Bri-(Ce): britholite-(Ce), Bri-(Y): britholite-(Y), Brt: baryte, Bul: bultfonteinite, Cal: calcite, Ccp: chalcopyrite, Di: diopside, Flr: fluorite, Gr: graphite, Hem: hematite, Hapo-K: hydroxyapophyllite-(K), Ilv: ilvaite, Pn: pentlandite, Py: pyrite, Pyh: pyrrhotite, Val: valleriite, Wo: wollastonite. Xtm-(Y): xenotime-(Y). Among the early minerals, the symbols are listed in the order of appearance, as deduced from textural evidence gathered overall.