

AM-90-445

Alpha-decay-induced condensation of phosphate anions in a mineral

Bryan C. Chakoumakos, Brian C. Sales, Lynn A. Boatner

For deposit: Figure 2a, 2b

American Mineralogist, 75, 11-12, 1447-1450.

AM-90-445

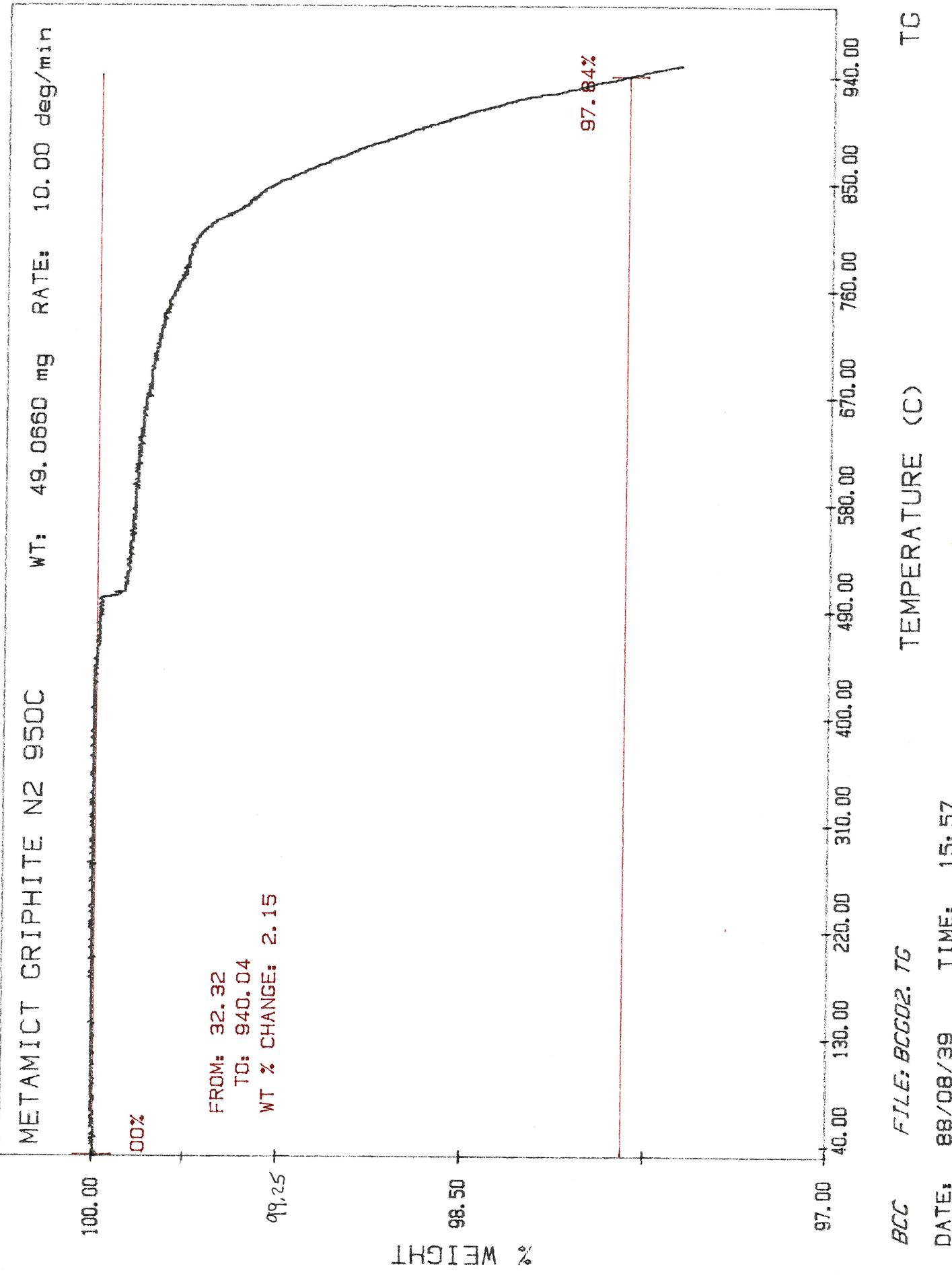
Alpha-decay-induced condensation of phosphate anions in a mineral

Bryan C. Chakoumakos, Brian C. Sales, Lynn A. Boatner

For deposit: Figure 2a
Differential Scanning Calorimetry trace of metamict griphite

American Mineralogist, 75, 11-12, 1447-1450.

26



AM-90-445

Alpha-decay-induced condensation of phosphate anions in a mineral

Bryan C. Chakoumakos, Brian C. Sales, Lynn A. Boatner

For deposit: Figure 2b
Thermogravimetric trace for metamict graphite

American Mineralogist, 75, 11-12, 1447-1450.

30.00

GRAPHITE AS FOUND #3

WT: 17.50 mg

SCAN RATE: 10.00 deg/min

ENDO

PEAK FROM: 482.81
TO: 516.14
ONSET: 493.81
CAL/GRAM: -35.92

MCAL/SEC
0.00 15.00

0.00 450.00 460.00 470.00 480.00 490.00 500.00 510.00

MIN: 497.24

BCC FILE: GRIP3.D4

DATE: 89/10/13 TIME: 14:34 TEMPERATURE (C)

DSC