# *K-Ar ages of plutonism and mineralization, western Cascades, Oregon and southern Washington: Additional information*

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# K-Ar AGES OF PLUTONISM AND MINERALIZATION, WESTERN CASCADES, OREGON AND SOUTHERN WASHINGTON: Additional Information

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We inadvertantly omitted the following information from our article published in Isochron/West, no. 31 (August, 1981, p. 27–29). Latitude and longitude coordinates of the samples included in that article are as follows:

1. *WA-058A:* 46°46.33'N, 122°12'W
2. *WA-11:* 45°46.72'N, 122°2.48'W
3. *NS-11:* 44°50'N, 122°13'W
4. *BR-6:* 44°13.15'N, 122°21.38'W
5. *BO-7:* 43°35.60'N, 122°37.75'W

V. F. Hollister has provided an additional sample of mineralized breccia pipe from the North Santiam district, Oregon. Thus, the age of mineralization (11 m.y.) is only slightly younger than the plutonic age (13 m.y.) we reported for this district.

*PB-1* K-Ar
Altered quartz diorite from mineralized tourmaline breccia pipe (2020' elev., SW¼ SW¼ S29,T8S,R5E; 44°50.80'N, 122°13.68'W, North Santiam mining district, Marion Co., OR). Potassic alteration and a pyrite halo about 11 km in diameter are associated with the mineralized breccia pipe that is approximately 200 m in diameter. *Analytical data:* K = 1.56, 1.56%; $^{*}Ar^{40}$ = 0.6712 x $10^{-6}$cc/gm (42.2% $Ar^{40}$).
**(whole rock) 11.0 ± 0.4 m.y.**