

J. Wood

Olivine #8 USnM 53948 Salt Lake Crater, Oahu, Hawaii

Fo Mole %	90.4
SiO <sub>2</sub>	40.87
TiO <sub>2</sub>	0.02
Al <sub>2</sub> O <sub>3</sub>	0.07
Fe <sub>2</sub> O <sub>3</sub>	0.00
FeO	8.72
MnO	0.15
MgO	49.78
CaO	0.07
H <sub>2</sub> O <sup>+</sup>	} 0.05
H <sub>2</sub> O <sup>-</sup>	
F	ND
Cr <sub>2</sub> O <sub>3</sub>	0.02
P <sub>2</sub> O <sub>5</sub>	ND
Na <sub>2</sub> O	0.01
K <sub>2</sub> O	0.00
NiO <sub>2</sub>	0.34
CoO	0.013
<hr/> Total	<hr/> 100.11

Ref: Yoder & Sahama, olivine x-ray determinative  
curve, Amer Min 42, pp 475-491, 1957

Analyst: M.D. Foster. Alkalies determined with a  
flame photometer by S.M. Berthold.

C.S. Ross, 1954, Amer Min 49, pp 706-707

In Standard Pellet No. 1.