

Olivine #EG 4146

7.10.53

Fo. mole %	20.2
SiO ₂	31.85
TiO ₂	0.01
Al ₂ O ₃	tr.
Fe ₂ O ₃	0.11
FeO	58.64
MnO	0.85
MgO	8.49
CaO	0.18
H ₂ O ⁺	N.D.
H ₂ O ⁻	N.D.
<hr/> Total	<hr/> 100.13

Ref: Yoder & Sahama, 1957, Amer Min 42, pp 475-491

Location: Skaergaard Intrusion, Kangerdlugssuak
East Greenland, 2100 meters.

Analyst: W.A. Deer, 1939, Amer Min 24, p.23

Not homogeneous; unacceptable as standard
Does not lie on standard curve
(due both to inhomogeneity and to
incorrect composition?)