Table A1. Table A1. Whole rock chemical compositions and, Sr and Nd isotope ratios of the olivine norite.

Sample#	OG-25	110612-03	Analized metod and laboratory	
(wt.%)			und incorato	-)
SiO_2	45.70	45.41	XRF	YU
TiO_2	0.49	0.26	XRF	YU
Al_2O_3	8.33	7.71	XRF	YU
Fe_2O_3	2.77	2.77	XRF-titration	YU
FeO	6.90	7.27	titration	YU
MnO	0.14	0.14	XRF	YU
MgO	24.47	26.34	XRF	YU
CaO	4.16	3.72	XRF	YU
Na ₂ O	1.08	0.57	XRF	YU
K_2O	0.68	0.57	XRF	YU
P_2O_5	0.09	0.03	XRF	YU
$H_2O(+)$	4.41	4.76	LOI & titraton	
H ₂ O(-)	0.57	0.56	LOI	YU
Total	99.80	100.13		
(ppm) Li	20.6	37.34	ICPMS	NU
Sc	13.64	12.33	ICPMS	NU
V	83.8	96.37	ICPMS	NU
Cr	1607.8	1891.1	XRF	YU
Ni	373.6	422.6	XRF	YU
Zn	64.1	63.8	XRF	YU
Ga	8.10	7.25	ICPMS	NU
Rb	24.15	27.50	ICPMS	NU
Sr	95.71	86.22	ICPMS	NU
Y	12.36	5.82	ICPMS	NU
Zr	62.80	30.66	ICPMS	NU
Nb	1.77	1.59	ICPMS	NU
Cs	10.00	8.89	ICPMS	NU
Ba	111.86	190.44	ICPMS	NU
La	5.11	3.86	ICPMS	NU
Ce	11.87 1.64	8.82 1.03	ICPMS ICPMS	NU NU
Pr Nd	6.87	4.17	ICPMS ICPMS	NU
Sm	1.82	0.98	ICPMS	NU
Eu	0.46	0.32	ICPMS	NU
Gd	1.88	1.01	ICPMS	NU
Tb	0.32	0.17	ICPMS	NU
Dy	1.93	0.96	ICPMS	NU
Но	0.41	0.19	ICPMS	NU
Er	1.22	0.58	ICPMS	NU
Tm	0.18	0.08	ICPMS	NU
Yb	1.1	0.51	ICPMS	NU
Lu	0.17	0.08	ICPMS	NU
Hf	1.51	0.74	ICPMS	NU
Pb	3.16	3.18	ICPMS	NU
Th	1.88	1.67	ICPMS	NU
U (ratio)	0.54	0.45	ICPMS	NU
	0.704111 (14)	0.704226 (12)	TIME	NILI
⁸⁷ Sr/ ⁸⁶ Sr	0.704111 (14)	0.704326 (13)	TIMS	NU
¹⁴³ Nd/ ¹⁴⁴ Nd	0.512906 (13)	0.512696 (14)	TIMS	NU
Sr <i>I</i> (37Ma)	0.703728	0.703841		
Nd <i>I</i> (37Ma)	0.512867	0.512662		
εSr (37Ma)	-10.35	-8.74		
εNd (37Ma)	5.39	1.40		