

| Sample | | S | K | Fe | Cu | Co | Ni | Total |
|------------------------------------|----------|-------|------|-------|-------|------|-------|--------|
| Deformed peridotites, wt. % | | | | | | | | |
| Uv-285/02-1 | Po | 35.63 | | 62.70 | 0.00 | 0.08 | 0.42 | 98.83 |
| Uv-285/02-1 | Ni-Po | 35.18 | | 58.23 | 0.00 | 0.20 | 5.26 | 98.86 |
| Uv-285/02-1 | Ni-Po | 35.30 | | 59.36 | 0.00 | 0.27 | 3.60 | 98.53 |
| Uv-285/02-2 | Po | 36.12 | | 62.67 | 0.00 | 0.08 | 0.08 | 98.95 |
| Uv-285/02-2 | Po | 36.09 | | 61.54 | 0.00 | 0.10 | 0.77 | 98.50 |
| Uv-285/02-3 | Po | 35.50 | | 62.51 | 0.00 | 0.07 | 0.04 | 98.12 |
| Uv-285/02-3 | Po | 35.98 | | 62.69 | 0.00 | 0.08 | 0.06 | 98.81 |
| Uv-285/02-4 | Po | 34.43 | | 58.65 | 0.00 | 0.06 | 0.08 | 93.21 |
| Uv-285/02-4 | Pn | 33.29 | | 43.93 | 0.00 | 0.85 | 16.86 | 94.93 |
| Uv-285/02-4 | Pn | 33.97 | | 46.29 | 0.02 | 0.68 | 14.67 | 95.63 |
| Uv-285/02-5 | Po | 36.69 | | 61.81 | 0.00 | 0.09 | 0.29 | 98.88 |
| Uv-285/02-5 | Po | 35.97 | | 62.27 | 0.00 | 0.07 | 0.10 | 98.41 |
| Uv-24/05-2 | Pn | 33.11 | | 36.46 | 0.04 | 0.98 | 29.03 | 99.62 |
| Uv-24/05-2 | Co-Pn | 33.09 | | 36.53 | 0.03 | 1.14 | 29.28 | 100.07 |
| Uv-24/05-2 | Co-Pn | 33.07 | | 36.96 | 0.06 | 1.19 | 28.13 | 99.40 |
| Uv-24/05-2 | Po | 36.75 | | 64.05 | 0.00 | 0.08 | 0.02 | 100.90 |
| Uv-24/05-2 | Co-Pn | 32.33 | | 34.45 | 0.01 | 1.69 | 30.11 | 98.59 |
| Uv-24/05-2 | Co-Pn | 33.21 | | 33.80 | 0.04 | 2.00 | 30.14 | 99.18 |
| Uv-257/02-1 | Pn | 32.94 | | 29.18 | 0.17 | 0.38 | 36.99 | 99.65 |
| Uv-257/02-1 | Ccp | 32.13 | | 25.90 | 36.04 | 0.03 | 2.39 | 96.49 |
| Uv-257/02-1 | Ccp | 31.90 | | 25.88 | 36.52 | 0.04 | 2.25 | 96.59 |
| Uv-257/02-1 | Pn | 32.76 | | 29.55 | 0.16 | 0.37 | 37.22 | 100.06 |
| Uv-257/02-1 | Pn | 32.94 | | 29.27 | 0.20 | 0.37 | 37.22 | 100.00 |
| Uv-257/02-1 | Ccp | 31.54 | | 24.79 | 37.93 | 0.02 | 1.59 | 95.87 |
| Uv-257/02-1 | Ccp | 32.90 | | 26.55 | 35.40 | 0.03 | 1.81 | 96.69 |
| Uv-257/02-1 | Pn | 32.08 | | 29.06 | 0.29 | 0.37 | 37.12 | 98.92 |
| Uv-257/02-1 | Ccp? | 25.67 | | 20.73 | 10.52 | 0.27 | 26.76 | 83.95 |
| Uv-257/02-1 | Ccp aver | 31.86 | | 25.52 | 36.83 | 0.03 | 2.08 | 96.32 |
| Uv-257/02-1 | Pn (Cu) | 32.44 | | 28.53 | 0.92 | 0.38 | 36.57 | 98.83 |
| Uv-257/02-1 | Pn | 32.60 | | 29.71 | 0.16 | 0.38 | 37.48 | 100.33 |
| Uv-257/02-2 | Po | 36.15 | | 63.19 | 0.00 | 0.04 | 0.15 | 99.53 |
| Uv-257/02-2 | Po | 36.21 | | 63.19 | 0.00 | 0.08 | 0.22 | 99.70 |
| Uv-257/02-2 | Co-Pn | 33.43 | | 33.89 | 0.07 | 1.50 | 30.30 | 99.19 |
| Uv-257/02-2 | Po | 36.26 | | 62.71 | 0.00 | 0.07 | 0.18 | 99.22 |
| Uv-03/02-61 | Po | 35.26 | 0.03 | 63.45 | 0.00 | 0.03 | 0.25 | 99.02 |
| Uv-03/02-63 | Po | 35.40 | 0.01 | 63.15 | 0.02 | 0.02 | 0.17 | 98.76 |
| Uv-03/02-41 | Po | 35.48 | 0.02 | 63.37 | 0.01 | 0.01 | 0.50 | 99.37 |
| Uv-03/02-42 | Pn | 32.04 | 0.00 | 37.99 | 0.01 | 1.30 | 27.14 | 98.47 |
| Uv-03/02-44 | Po | 35.67 | 0.01 | 63.58 | 0.01 | 0.03 | 0.13 | 99.42 |
| Uv-03/02-4a | Po | 35.42 | 0.01 | 62.87 | 0.02 | 0.04 | 0.09 | 98.43 |
| Uv-03/02-4b | Pn | 32.66 | 0.00 | 39.56 | 0.04 | 1.06 | 26.46 | 99.78 |
| Uv-03/02-4d | Po | 35.81 | 0.02 | 63.56 | 0.02 | 0.03 | 0.08 | 99.53 |
| Uv-03/02-4A | Po | 35.72 | 0.02 | 64.09 | 0.00 | 0.01 | 0.06 | 99.89 |

| | | | | | | | | |
|----------------------|-------|-------|------|-------|------|------|-------|--------|
| Uv-03/02-4C | Po | 35.69 | 0.01 | 63.48 | 0.01 | 0.03 | 0.12 | 99.34 |
| Uv-03/02-21 | Po | 35.88 | 0.01 | 63.91 | 0.05 | 0.02 | 0.15 | 100.03 |
| Uv-03/02-22 | Pn | 32.76 | 0.00 | 38.15 | 0.01 | 1.93 | 27.04 | 99.89 |
| Uv-03/02-25 | Po | 35.64 | 0.00 | 64.21 | 0.02 | 0.00 | 0.12 | 100.00 |
| Uv-03/02-31 | Pn | 33.01 | 0.02 | 38.73 | 0.03 | 1.69 | 26.82 | 100.31 |
| Uv-03/02-32 | Po | 36.16 | 0.00 | 63.50 | 0.03 | 0.02 | 0.08 | 99.79 |
| Uv-03/02-36 | Po | 36.12 | 0.01 | 63.80 | 0.02 | 0.02 | 0.07 | 100.04 |
| Uv-03/02-11 | Po | 36.09 | 0.02 | 62.96 | 0.02 | 0.03 | 0.41 | 99.52 |
| Uv-03/02-14 | Po | 36.08 | 0.00 | 63.64 | 0.03 | 0.02 | 0.14 | 99.91 |
| Uv-03/02-1a | Po | 35.75 | 0.00 | 62.64 | 0.00 | 0.03 | 1.16 | 99.58 |
| Uv-03/02-1b | Pn | 32.77 | 0.02 | 38.82 | 0.01 | 1.10 | 26.89 | 99.60 |
| Uv-03/02-1 | Po | 36.01 | 0.00 | 62.87 | 0.06 | 0.02 | 0.16 | 99.10 |
| Uv-03/02-51 | Pn | 32.94 | 0.05 | 36.53 | 0.07 | 1.14 | 28.14 | 98.87 |
| Uv-03/02-52 | Po | 36.59 | 0.12 | 62.53 | 0.06 | 0.03 | 0.54 | 99.87 |
| Uv-03/02-53 | Po | 36.42 | 0.01 | 63.24 | 0.02 | 0.04 | 0.19 | 99.93 |
| Uv-03/02-54 | Pn | 32.39 | 0.00 | 37.53 | 0.00 | 1.06 | 28.04 | 99.02 |
| Uv-03/02-5b | Pn | 34.07 | 0.01 | 41.61 | 0.05 | 1.03 | 23.12 | 99.88 |
| Uv-03/02-5d | Pn | 32.56 | 0.02 | 38.35 | 0.01 | 0.75 | 26.71 | 98.41 |
| Uv-03/02-71 | Po | 36.05 | 0.01 | 63.84 | 0.01 | 0.01 | 0.09 | 100.00 |
| Uv-03/02-72 | Pn | 33.02 | 0.00 | 37.98 | 0.00 | 2.08 | 26.79 | 99.88 |
| Uv-03/02-75 | Po | 36.05 | 0.00 | 63.49 | 0.00 | 0.01 | 0.06 | 99.63 |
| Uv-03/02-76 | Pn | 32.02 | 0.43 | 37.93 | 0.04 | 1.88 | 24.22 | 96.53 |
| Uv-03/02-77 | Po | 36.36 | 0.01 | 63.58 | 0.00 | 0.04 | 0.11 | 100.10 |
| Uv-03/02-42 | Pn | 33.23 | 0.01 | 47.30 | 0.02 | 0.70 | 17.59 | 98.84 |
| Uv-03/02-12 | Pn | 32.71 | 0.01 | 38.72 | 0.00 | 1.04 | 26.88 | 99.36 |
| Uv-03/02-5a | Pn | 32.75 | 0.21 | 38.27 | 0.03 | 1.27 | 26.32 | 98.84 |
| Uv-03/02-73 | Po | 35.90 | 0.01 | 63.43 | 0.06 | 0.01 | 0.09 | 99.49 |
| Uv-03/02-73 | Po | 35.88 | 0.04 | 62.44 | 0.16 | 0.02 | 0.19 | 98.73 |
| Uv-27/01-3C | Po | 35.96 | 0.01 | 63.68 | 0.01 | 0.06 | 0.12 | 99.84 |
| Uv-27/01-3R | Po | 36.00 | 0.01 | 64.06 | 0.03 | 0.01 | 0.09 | 100.20 |
| Uv-27/01-3R1 | Po | 36.35 | 0.01 | 63.71 | 0.05 | 0.02 | 0.11 | 100.25 |
| Uv-27/01-3-2R | Co-Pn | 33.62 | 0.01 | 43.14 | 0.05 | 1.10 | 22.70 | 100.62 |
| Uv-27/01-3-2C | Po | 35.88 | 0.02 | 63.46 | 0.00 | 0.02 | 0.08 | 99.46 |
| Uv-27/01-2C | Po | 36.01 | 0.02 | 63.95 | 0.01 | 0.04 | 0.07 | 100.09 |
| Uv-27/01-2R2 | Po | 35.78 | 0.00 | 63.62 | 0.07 | 0.02 | 0.09 | 99.58 |
| Uv-27/01-2A | Po | 34.92 | 0.00 | 63.50 | 0.02 | 0.00 | 0.07 | 98.52 |
| Uv-27/01-4C | Po | 35.41 | 0.02 | 62.99 | 0.07 | 0.00 | 0.15 | 98.63 |
| Uv-27/01-4R | Po | 35.71 | 0.03 | 63.08 | 0.11 | 0.05 | 0.11 | 99.09 |
| Uv-27/01-4R2 | Pn | 32.96 | 0.00 | 36.63 | 0.06 | 3.09 | 27.17 | 99.91 |
| Uv-27/01-4A | Po | 35.51 | 0.00 | 63.24 | 0.08 | 0.00 | 0.09 | 98.92 |
| Uv-27/01-6C | Po | 35.72 | 0.01 | 63.51 | 0.03 | 0.01 | 0.17 | 99.45 |
| Uv-27/01-6R | Po | 36.10 | 0.01 | 63.08 | 0.01 | 0.03 | 0.08 | 99.31 |
| Uv-27/01-7C | Po | 35.68 | 0.01 | 63.41 | 0.03 | 0.04 | 0.19 | 99.35 |
| Uv-27/01-7C1 | Co-Pn | 32.66 | 0.00 | 38.79 | 0.00 | 1.23 | 26.87 | 99.55 |
| Uv-27/01-7R | Po | 35.81 | 0.01 | 63.97 | 0.03 | 0.04 | 0.08 | 99.95 |

| | | | | | | | | |
|----------------------|-------|-------|------|-------|------|------|-------|--------|
| Uv-27/01-7R3 | Po | 35.46 | 0.00 | 62.61 | 0.03 | 0.06 | 0.03 | 98.19 |
| Uv-27/01-9R2 | Po | 35.95 | 0.01 | 63.35 | 0.05 | 0.00 | 0.06 | 99.42 |
| Uv-27/01-5C | Pn | 33.70 | 0.04 | 44.64 | 0.00 | 0.64 | 20.69 | 99.72 |
| Uv-27/01-5R2 | Pn | 33.99 | 0.00 | 47.10 | 0.06 | 0.77 | 17.35 | 99.26 |
| Uv-27/01-5R3 | Po | 36.23 | 0.03 | 63.74 | 0.00 | 0.05 | 0.12 | 100.17 |
| Uv-27/01-10C | Co-Pn | 33.58 | 0.00 | 40.64 | 0.02 | 1.14 | 24.65 | 100.02 |
| Uv-27/01-10R | Po | 36.40 | 0.00 | 64.13 | 0.06 | 0.00 | 0.09 | 100.69 |
| Uv-27/01-10R2 | Pn | 33.06 | 0.00 | 37.27 | 0.18 | 1.42 | 26.80 | 98.72 |
| Uv-27/01-10R3 | Po | 36.09 | 0.01 | 63.69 | 0.00 | 0.00 | 0.13 | 99.92 |
| Uv-27/01-10R4 | Po | 35.76 | 0.16 | 62.33 | 0.01 | 0.03 | 0.22 | 98.50 |
| Uv-27/01-10R5 | Ni-Po | 35.82 | 0.01 | 61.62 | 0.02 | 0.12 | 2.56 | 100.15 |
| Uv-27/01-11C | Po | 35.97 | 0.01 | 63.90 | 0.04 | 0.00 | 0.05 | 99.97 |
| Uv-27/01-11R2 | Co-Pn | 33.03 | 0.00 | 38.35 | 0.01 | 1.91 | 26.28 | 99.58 |
| Uv-27/01-11R3 | Po | 36.11 | 0.01 | 63.35 | 0.00 | 0.03 | 0.08 | 99.58 |
| Uv-27/01-11R6 | Po | 35.93 | 0.01 | 63.18 | 0.02 | 0.03 | 0.07 | 99.23 |
| Uv-27/01-11R7 | Po | 36.18 | 0.02 | 63.31 | 0.01 | 0.03 | 0.05 | 99.60 |
| UV2701Uv-27/0 | Po | 36.08 | 0.01 | 63.11 | 0.04 | 0.01 | 0.10 | 99.35 |
| Uv-27/01-8R | Po | 36.46 | 0.00 | 62.76 | 0.03 | 0.04 | 0.15 | 99.44 |
| Uv-27/01-8R2 | Pn | 33.31 | 0.00 | 41.67 | 0.18 | 1.09 | 23.12 | 99.36 |
| Uv-27/01-8R3 | Po | 35.01 | 0.00 | 62.65 | 0.03 | 0.06 | 0.22 | 97.96 |
| Uv-27/01-8R4 | Po | 36.22 | 0.02 | 63.30 | 0.01 | 0.00 | 0.11 | 99.65 |
| Uv-252/02-1C | Po | 36.63 | 0.00 | 63.76 | 0.00 | 0.01 | 0.12 | 100.51 |
| Uv-252/02-1R | Po | 36.19 | 0.00 | 62.90 | 0.00 | 0.00 | 0.29 | 99.37 |
| Uv-252/02-1R2 | Pn | 33.44 | 0.02 | 40.19 | 0.08 | 0.89 | 25.76 | 100.38 |
| Uv-252/02-1R3 | Po | 36.48 | 0.02 | 62.92 | 0.00 | 0.03 | 0.13 | 99.57 |
| Uv-252/02-1R4 | Po | 36.89 | 0.04 | 62.79 | 0.01 | 0.04 | 0.10 | 99.87 |
| Uv-252/02-2C | Po | 36.32 | 0.00 | 62.59 | 0.05 | 0.03 | 0.32 | 99.31 |
| Uv-252/02-2R | Po | 36.92 | 0.05 | 62.94 | 0.00 | 0.02 | 0.11 | 100.03 |
| Uv-252/02-2R2 | Po | 36.22 | 0.02 | 63.41 | 0.07 | 0.01 | 0.15 | 99.88 |
| Uv-252/02-3C | Po | 36.68 | 0.00 | 63.46 | 0.06 | 0.08 | 0.11 | 100.40 |
| Uv-252/02-3C1 | Co-Pn | 33.56 | 0.04 | 37.57 | 0.00 | 1.91 | 27.52 | 100.60 |
| Uv-252/02-3R | Po | 37.04 | 0.03 | 63.28 | 0.05 | 0.02 | 0.03 | 100.44 |
| Uv-252/02-4C | Ni-Po | 35.00 | 0.03 | 60.49 | 0.15 | 0.11 | 2.77 | 98.55 |
| Uv-252/02-4R | Po | 36.20 | 0.01 | 63.73 | 0.00 | 0.00 | 0.09 | 100.02 |
| Uv-252/02-4R2 | Pn | 33.03 | 0.02 | 37.54 | 0.03 | 0.74 | 28.47 | 99.82 |
| Uv-252/02-5R | Co-Pn | 33.50 | 0.01 | 37.74 | 0.00 | 1.17 | 27.71 | 100.14 |
| Uv-252/02-5R2 | Pn | 35.74 | 0.00 | 63.52 | 0.05 | 0.02 | 0.31 | 99.64 |
| Uv-252/02-5CA | Co-Pn | 32.97 | 0.12 | 41.56 | 0.00 | 1.15 | 23.73 | 99.53 |
| Uv-252/02-6C | Po | 37.03 | 0.01 | 63.67 | 0.00 | 0.05 | 0.71 | 101.47 |
| Uv-252/02-6R2 | Po | 36.65 | 0.01 | 63.65 | 0.03 | 0.04 | 0.19 | 100.56 |
| Uv-252/02-62C | Co-Po | 35.75 | 0.02 | 62.38 | 0.00 | 0.08 | 1.76 | 99.99 |
| Uv-252/02-62R | Po | 36.30 | 0.04 | 62.92 | 0.00 | 0.08 | 0.13 | 99.46 |
| Uv-252/02-7C | Po | 35.98 | 0.00 | 63.58 | 0.02 | 0.07 | 0.11 | 99.76 |
| Uv-252/02-7R | Po | 36.53 | 0.00 | 63.05 | 0.00 | 0.00 | 0.16 | 99.75 |
| Uv-252/02-7C3 | Co-Po | 35.88 | 0.00 | 59.89 | 0.04 | 0.16 | 3.66 | 99.63 |

| | | | | | | | | |
|--|----|-------|------|-------|------|------|-------|--------|
| Uv-252/02-7R2 | Po | 36.09 | 0.04 | 63.83 | 0.04 | 0.01 | 0.12 | 100.12 |
| UV9702 1 | Po | 35.51 | 0.02 | 62.66 | 0.02 | 0.01 | 0.06 | 98.29 |
| UV9702 2 | Po | 34.07 | 0.38 | 54.89 | 0.11 | 0.21 | 6.91 | 96.57 |
| Coarse-grained peridotites, wt. % | | | | | | | | |
| Uv-122/11-1 | Pn | 32.25 | 0.01 | 27.10 | 0.00 | 4.85 | 34.55 | 98.75 |
| Uv-122/11 1a | Pn | 32.95 | 0.00 | 27.79 | 0.00 | 4.70 | 34.82 | 100.26 |
| Uv-122/11 5 1 | Po | 35.93 | 0.02 | 64.01 | 0.01 | 0.02 | 0.07 | 100.05 |
| Uv-122/11 5 2 | Po | 35.85 | 0.00 | 63.57 | 0.02 | 0.01 | 0.20 | 99.65 |
| Uv-122/11 5 3 | Po | 36.01 | 0.02 | 63.18 | 0.03 | 0.03 | 0.08 | 99.33 |
| Uv-122/11 5 4 | Pn | 32.16 | 0.00 | 37.22 | 0.01 | 0.58 | 29.64 | 99.61 |
| Uv-122/11 4 | Pn | 32.98 | 0.02 | 32.74 | 0.00 | 4.49 | 29.51 | 99.74 |
| Uv-122/11 42 | Po | 35.10 | 0.00 | 62.46 | 0.00 | 0.02 | 0.07 | 97.65 |

| Sample | Mineral | S | K | Fe | Cu | Co | Ni |
|-----------------------------|---------|-------|------|-------|-------|------|-------|
| Deformed Iherzolites | | | | | | | |
| Uv-27/01 | Po | 35.66 | 0.02 | 62.58 | 0.08 | 0.05 | 0.6 |
| | Po | 35.95 | 0.01 | 63.35 | 0.05 | 0 | 0.06 |
| | Pn | 33.41 | 0 | 38.25 | 0.05 | 1.65 | 26.87 |
| | Po | 35.68 | 0.03 | 62.83 | 0.03 | 0.05 | 0.05 |
| Uv-257/02 | Pn | 32.76 | | 29.55 | 0.16 | 0.37 | 37.22 |
| | Pn | 32.6 | | 29.71 | 0.16 | 0.38 | 37.48 |
| | Ccp | 31.9 | | 25.88 | 36.52 | 0.04 | 2.25 |

Data from the MIRA3-LMU (Tescan Orsay Holding) electron scanning microscope

| Mineral | Si | Al | Fe | Mg | Ni | Cu | |
|-----------|-----|------|------|-------|------|-------|-------|
| Uv-268/02 | Po | | | 59.49 | | 4.1 | |
| | Pn | | | 27.28 | | 38.18 | |
| | Pn | | | 35.93 | | 29.02 | |
| | Ccp | 0.17 | | 28.83 | 0.65 | 1.12 | 33.2 |
| | Pn | | | 51.85 | 0.28 | 4.87 | 5.36 |
| | Ccp | 0.36 | 0.29 | 32.94 | 1.11 | 0.79 | 26.91 |
| | Ccp | 0.5 | | 29.19 | 1.44 | 0.97 | 30.97 |
| | Ccp | 0.96 | | 19.64 | 1.26 | 0.41 | 42.22 |
| | Ccp | 0.25 | | 32.03 | 0.45 | 2.47 | 28.5 |
| | Ccp | 1.02 | | 29.55 | 1.48 | 0.87 | 30.18 |
| | Pn | | | 58.25 | | 3.75 | 1.14 |
| | Pn | 0.31 | | 35.85 | 0.35 | 24.91 | 4.16 |
| | Pn | 0.5 | 0.28 | 35.38 | 0.44 | 23.58 | 5.21 |

*data provided by Sharygin I.S.

Total

| |
|--------|
| 98.97 |
| 99.42 |
| 100.23 |
| 98.67 |
| 100.06 |
| 100.33 |
| 96.59 |

е (Tescan Orsay Holding) with the INCA Energy 450 + XMax 80 (Oxford Instruments Nanoanalysis Ltd)

| S | Cl | O | Сумма |
|----------|-----------|----------|--------------|
| 36.41 | | | 100 |
| 33.25 | | | 98.7 |
| 33.6 | | | 98.55 |
| 29.47 | 0.7 | 6.31 | 100.44 |
| 34.39 | | | 96.74 |
| 28.11 | 0.57 | 7.33 | 98.41 |
| 25.71 | 0.63 | 8.8 | 98.21 |
| 24.97 | 0.84 | 8.48 | 98.97 |
| 30.76 | 0.97 | 5.98 | 101.41 |
| 29.82 | 0.9 | 7.21 | 101.28 |
| 36.07 | | | 99.21 |
| 33.33 | | 2.95 | 101.86 |
| 32.37 | | 3.96 | 101.73 |

Data from the MIRA3-LMU (Tescan Orsay Holding) electron scanning microscope (Tescan)

| Site | Spectrum | Mineral | Total | Si | Al | Fe | Mg |
|-----------|----------|---------|--------|------|------|-------|------|
| 268-02 m1 | 1 | Po | 100 | | | 59.49 | |
| 268-02 m1 | 2 | Pn | 98.7 | | | 27.28 | |
| 268-02 m1 | 3 | Pn | 98.55 | | | 35.93 | |
| 268-02 m1 | 4 | Ccp | 100.44 | 0.17 | | 28.83 | 0.65 |
| 268-02 m1 | 5 | Pn | 96.74 | | | 51.85 | 0.28 |
| 268-02 m1 | 6 | Ccp | 98.41 | 0.36 | 0.29 | 32.94 | 1.11 |
| 268-02 m1 | 11 | Ccp | 98.21 | 0.5 | | 29.19 | 1.44 |
| 268-02 m1 | 12 | Ccp | 98.97 | 0.96 | | 19.64 | 1.26 |
| 268-02 m1 | 31 | Ccp | 101.41 | 0.25 | | 32.03 | 0.45 |
| 268-02 m1 | 33 | Ccp | 101.28 | 1.02 | | 29.55 | 1.48 |
| 268-02 m1 | 34 | Pn | 99.21 | | | 58.25 | |
| 268-02 m1 | 35 | Pn | 101.86 | 0.31 | | 35.85 | 0.35 |
| 268-02 m1 | 36 | Pn | 101.73 | 0.5 | 0.28 | 35.38 | 0.44 |

n Orsay Holding) with the INCA Energy 450 + XMax 80 (Oxford Instruments Nanoanalysis Ltd)

| Ni | Cu | S | Cl | O |
|-------|-------|-------|------|------|
| 4.1 | | 36.41 | | |
| 38.18 | | 33.25 | | |
| 29.02 | | 33.6 | | |
| 1.12 | 33.2 | 29.47 | 0.7 | 6.31 |
| 4.87 | 5.36 | 34.39 | | |
| 0.79 | 26.91 | 28.11 | 0.57 | 7.33 |
| 0.97 | 30.97 | 25.71 | 0.63 | 8.8 |
| 0.41 | 42.22 | 24.97 | 0.84 | 8.48 |
| 2.47 | 28.5 | 30.76 | 0.97 | 5.98 |
| 0.87 | 30.18 | 29.82 | 0.9 | 7.21 |
| 3.75 | 1.14 | 36.07 | | |
| 24.91 | 4.16 | 33.33 | | 2.95 |
| 23.58 | 5.21 | 32.37 | | 3.96 |

| Sample | SiO₂ | Cr₂O₃ | FeO | MnO | MgO | CaO |
|--|------------------------|------------------------------------|------------|------------|------------|------------|
| Deformed peridotites, wt. % | | | | | | |
| Uv-268/02 | 41.3 | 0.02 | 9.14 | 0.12 | 49.2 | 0.05 |
| Uv-285/02 | 40.5 | 0.02 | 9.7 | 0.12 | 49 | 0.04 |
| Uv-38/02 | 40.4 | 0.02 | 8.48 | 0.09 | 50.1 | 0.04 |
| Uv-32/04 | 39.7 | 0.01 | 13 | 0.1 | 46.1 | 0.05 |
| Uv-97/02 | 40.9 | 0.02 | 9.12 | 0.1 | 49.6 | 0.04 |
| Uv-208/02 | 41 | 0.06 | 9.49 | 0.13 | 49.2 | 0.07 |
| Uv-1/04 | 41.1 | 0.02 | 8.16 | 0.12 | 50.54 | 0.02 |
| Uv-213/02 | 41.4 | 0.04 | 8.38 | 0.13 | 49.7 | 0.06 |
| Uv-3/01 | 40.7 | 0.04 | 10.3 | 0.13 | 48.5 | 0.07 |
| Uv-18/04 | 40.9 | 0.03 | 8.86 | 0.09 | 49.2 | 0.04 |
| Uv-252/02 | 41.1 | 0.03 | 8.97 | 0.13 | 49.7 | 0.05 |
| Uv-205/02 | 40.6 | 0.03 | 8.61 | 0.1 | 49.8 | 0.05 |
| Uv-03/02 | 40.8 | 0.02 | 9.7 | 0.1 | 48.9 | 0.04 |
| Uv-33/04 | 39.8 | 0.01 | 12 | 0.1 | 47.1 | 0.05 |
| Uv-257/02 | 40 | 0.02 | 9.37 | 0.08 | 49.1 | 0.06 |
| Uv-30/04 | 40.9 | 0.02 | 8.8 | 0.12 | 49.3 | 0.04 |
| Uv-27/01 | 40.2 | 0 | 12.7 | 0.13 | 46.8 | 0.06 |
| Uv-24/05 | 40.1 | 0.04 | 10.2 | 0.12 | 48.7 | 0.05 |
| Uv-3/05 | 40.1 | 0.03 | 12.2 | 0.11 | 46.8 | 0.05 |
| Average | 40.61 | 0.03 | 9.85 | 0.11 | 48.81 | 0.05 |
| | SiO₂ | Cr₂O₃ | FeO | MnO | MgO | CaO |
| Coarse-grained peridotites, wt. % | | | | | | |
| Uv-36/11 | 40.9 | 0.01 | 7.73 | 0.08 | 49.89 | 0 |
| Uv-38/11 | 41.3 | 0.02 | 7.45 | 0.08 | 50.71 | 0.02 |
| Uv-58/11 | 40.6 | 0.03 | 8.86 | 0.11 | 49.32 | 0.06 |
| Uv-155/11 | 41.03 | 0.04 | 8.72 | 0.13 | 49.91 | 0.06 |
| Uv-122/11 | 40.7 | 0.06 | 9.24 | 0.12 | 49.05 | 0.06 |
| Uv-538/10 | 40.8 | 0.03 | 8.35 | 0.11 | 49.76 | 0.04 |
| Average | 40.89 | 0.03 | 8.39 | 0.11 | 49.77 | 0.04 |

| NiO | Total | Mg# |
|------------|--------------|------------|
| 0.38 | 100 | 90.56 |
| 0.33 | 99.8 | 90.01 |
| 0.38 | 99.5 | 91.32 |
| 0.22 | 99.1 | 86.36 |
| 0.33 | 100.1 | 90.65 |
| 0.29 | 100 | 90.24 |
| 0.318 | 100.2 | 91.69 |
| 0.36 | 100 | 91.36 |
| 0.34 | 100 | 89.35 |
| 0.37 | 99.6 | 90.83 |
| 0.34 | 100 | 90.81 |
| 0.38 | 99.6 | 91.16 |
| 0.32 | 99.9 | 89.99 |
| 0.35 | 99.4 | 87.54 |
| 0.35 | 99 | 90.33 |
| 0.35 | 99.5 | 90.95 |
| 0.23 | 100.2 | 86.81 |
| 0.34 | 99.6 | 89.49 |
| 0.32 | 99.6 | 87.27 |
| 0.33 | 99.74 | 89.83 |
| NiO | Total | Mg# |

| | | |
|------|-------|-------|
| | 98.6 | 92.00 |
| 0.38 | 99.9 | 92.40 |
| 0.36 | 99.2 | 90.90 |
| 0.38 | 100.3 | 91.10 |
| 0.35 | 99.4 | 90.40 |
| | 99.04 | 92.00 |
| 0.37 | 99.41 | 91.47 |

| Sample | SiO₂ | TiO₂ | Al₂O₃ | Cr₂O₃ | FeO | MnO |
|------------------------------------|------------------------|------------------------|------------------------------------|------------------------------------|------------|------------|
| Deformed peridotites, wt. % | | | | | | |
| Uv-268/02 | 57.4 | 0.15 | 0.67 | 0.16 | 5.35 | 0.14 |
| Uv-285/02 | 56.5 | 0.18 | 0.53 | 0.2 | 5.88 | 0.11 |
| Uv-38/02 | 57.6 | 0.08 | 0.48 | 0.19 | 5.09 | 0.14 |
| Uv-32/04 | 56.5 | 0.2 | 0.59 | 0.09 | 7.64 | 0.12 |
| Uv-97/02 | 56.8 | 0.19 | 0.58 | 0.23 | 5.61 | 0.09 |
| Uv-208/02 | 56.5 | 0.22 | 0.54 | 0.52 | 5.71 | 0.13 |
| Uv-1/04 | 57.4 | 0.13 | 0.51 | 0.23 | 5.24 | 0.13 |
| Uv-213/02 | 57.3 | 0.09 | 0.53 | 0.34 | 5.03 | 0.1 |
| Uv-3/01 | 56.3 | 0.13 | 0.68 | 0.33 | 5.93 | 0.12 |
| Uv-18/04 | 56.4 | 0.17 | 0.59 | 0.27 | 5.35 | 0.16 |
| Uv-252/02 | 56.9 | 0.17 | 0.59 | 0.25 | 5.34 | 0.12 |
| Uv-205/02 | 58.1 | 0 | 0.48 | 0.27 | 5.05 | 0.1 |
| Uv-03/02 | 57.6 | 0.12 | 0.62 | 0.12 | 6.21 | 0.11 |
| Uv-33/04 | 56.4 | 0.16 | 0.58 | 0.19 | 6.98 | 0.13 |
| Uv-257/02 | 57.1 | 0.06 | 0.6 | 0.2 | 5.55 | 0.12 |
| Uv-30/04 | 57.8 | 0.12 | 0.55 | 0.19 | 5.23 | 0.12 |
| Uv-27/01 | 56.8 | 0.2 | 0.62 | 0.12 | 7.47 | 0.14 |
| Uv-24/05 | 57.8 | 0.14 | 0.55 | 0.36 | 5.98 | 0.15 |
| Uv-3/05 | 56.4 | 0.18 | 0.66 | 0.13 | 7.23 | 0.16 |

| | SiO₂ | TiO₂ | Al₂O₃ | Cr₂O₃ | FeO | MnO |
|--|------------------------|------------------------|------------------------------------|------------------------------------|------------|------------|
| Coarse-grained peridotites, wt. % | | | | | | |
| Uv-38/11 | 58.36 | 0.01 | 0.47 | 0.22 | 5.14 | 0.11 |
| Uv-58/11 | 58.28 | 0.02 | 0.5 | 0.22 | 5.32 | 0.12 |
| Uv-538/10 | 58.32 | 0 | 0.35 | 0.22 | 4.68 | 0.12 |
| Uv-122/11 | 57.6 | 0.12 | 0.64 | 0.36 | 5.52 | 0.13 |
| Uv-36/11 | 58.16 | 0.02 | 0.59 | 0.25 | 4.85 | 0.11 |

| MgO | CaO | Na₂O | Total | Mg# |
|------------|------------|------------------------|--------------|------------|
| 34.6 | 0.9 | 0.23 | 99.6 | 92 |
| 35 | 0.77 | 0.21 | 99.5 | 91.4 |
| 35.2 | 0.8 | 0.13 | 99.7 | 92.5 |
| 33.3 | 0.91 | 0.2 | 99.6 | 88.6 |
| 34.9 | 0.81 | 0.22 | 99.4 | 91.7 |
| 34.5 | 0.92 | 0.28 | 99.3 | 91.5 |
| 35.5 | 0.78 | 0.17 | 100.1 | 92.4 |
| 34.5 | 0.94 | 0.19 | 99.1 | 92.4 |
| 34.3 | 1.21 | 0.25 | 99.2 | 91.2 |
| 35.3 | 0.89 | 0.25 | 99.4 | 92.2 |
| 34.7 | 0.95 | 0.2 | 99.2 | 92 |
| 34.8 | 0.95 | 0.09 | 99.8 | 92.5 |
| 34.1 | 0.94 | 0.22 | 100.1 | 90.7 |
| 33.7 | 0.9 | 0.22 | 99.2 | 89.6 |
| 34.6 | 0.86 | 0.2 | 99.4 | 91.8 |
| 34.8 | 0.8 | 0.17 | 99.8 | 92.2 |
| 32.8 | 0.97 | 0.22 | 99.3 | 88.7 |
| 34.3 | 1.02 | 0.22 | 100 | 91.1 |
| 33.5 | 1 | 0.25 | 99.5 | 89.2 |

| MgO | CaO | Na₂O | Total | Mg# |
|------------|------------|------------------------|--------------|------------|
| 34.31 | 0.83 | 0.06 | 99.11 | 92.3 |
| 34.15 | 0.99 | 0.05 | 99.16 | 92.1 |
| 34.86 | 0.38 | 0.05 | 99 | 93.1 |
| 33.37 | 1.1 | 0.22 | 99.06 | 91.5 |
| 34.93 | 0.27 | 0.03 | 99.21 | 92.8 |

| Sample | SiO₂ | TiO₂ | Al₂O₃ | Cr₂O₃ | FeO | MnO | MgO | CaO |
|------------------------------------|------------------------|------------------------|------------------------------------|------------------------------------|------------|------------|------------|------------|
| Deformed peridotites, wt. % | | | | | | | | |
| Uv-268/02 | 42.2 | 0.35 | 20.5 | 2.69 | 7.23 | 0.32 | 21.5 | 4.31 |
| Uv-285/02 | 41.61 | 0.062 | 15.69 | 9.22 | 7.44 | 0.378 | 19.34 | 6.5 |
| Uv-38/02 | 42 | 0.04 | 18.5 | 5.76 | 7.07 | 0.37 | 20.6 | 5.42 |
| Uv-32/04 | 41.06 | 0.52 | 16.83 | 7.38 | 9.5 | 0.35 | 18.52 | 5.99 |
| Uv-97/02 | 41.8 | 0.29 | 19.6 | 4.25 | 7.53 | 0.32 | 21.3 | 4.4 |
| Uv-208/02 | 40.17 | 1.84 | 11.28 | 12.24 | 8.34 | 0.34 | 18 | 7.47 |
| Uv-1/04 | 41.6 | 0.22 | 19.2 | 5.01 | 7.29 | 0.34 | 20.9 | 5.02 |
| Uv-213/02 | 41.2 | 0.87 | 14.9 | 8.56 | 7.26 | 0.35 | 19.6 | 6.26 |
| Uv-3/01 | 42.1 | 1.06 | 16.5 | 6.05 | 8.26 | 0.33 | 20.4 | 5.45 |
| Uv-18/04 | 41.8 | 0.1 | 17 | 7.09 | 7.1 | 0.33 | 20.3 | 5.73 |
| Uv-252/02 | 41.7 | 0.8 | 18.5 | 4.82 | 7.49 | 0.32 | 20.9 | 5.08 |
| Uv-205/02 | 42.4 | 0.17 | 17 | 6.84 | 7.12 | 0.29 | 20.5 | 5.85 |
| Uv-03/02 | 42.1 | 0.54 | 21 | 1.84 | 8.41 | 0.3 | 21 | 4.29 |
| Uv-33/04 | 41.14 | 0.81 | 16.91 | 6.9 | 9.34 | 0.35 | 18.8 | 5.76 |
| Uv-257/02 | 42.1 | 0.35 | 20.3 | 2.9 | 7.43 | 0.28 | 21.5 | 4.22 |
| Uv-30/04 | 42.2 | 0.46 | 19.4 | 4.14 | 7.55 | 0.35 | 21.3 | 4.89 |
| Uv-27/01 | 41.7 | 0.57 | 19 | 4.43 | 9.74 | 0.35 | 19.4 | 4.79 |
| Uv-24/05 | 41.9 | 1.15 | 15.8 | 6.96 | 8.48 | 0.36 | 20 | 5.78 |
| Uv-3/05 | 41.2 | 0.48 | 17.6 | 5.81 | 9.32 | 0.32 | 19.4 | 5.13 |

| | SiO₂ | TiO₂ | Al₂O₃ | Cr₂O₃ | FeO | MnO | MgO | CaO |
|--|------------------------|------------------------|------------------------------------|------------------------------------|------------|------------|------------|------------|
| Coarse-grained peridotites, wt. % | | | | | | | | |
| Uv-36/11 | 41.55 | 0.01 | 19.88 | 4.91 | 8.51 | 0.51 | 18.25 | 6.35 |
| Uv-38/11 | 42 | 0.01 | 20.85 | 3.83 | 7.42 | 0.38 | 20.54 | 5.01 |
| Uv-58/11 | 38.15 | 0.11 | 18.47 | 5.59 | 8 | 0.3 | 20.26 | 5.72 |
| Uv-155/11 | 42.21 | 0.08 | 18.18 | 5.84 | 7.56 | 0.32 | 20.57 | 5.65 |
| Uv-122/11 | 41.45 | 0.93 | 16.3 | 6.93 | 7.52 | 0.32 | 19.49 | 5.83 |
| Uv-538/10 | 41.75 | 0 | 20.1 | 4.62 | 7.57 | 0.42 | 19.42 | 5.55 |

| Na₂O | Total | Mg# |
|------------------------|--------------|------------|
| 0.07 | 99.2 | 84.13 |
| 0.062 | 100.3 | 82.25 |
| 0.03 | 99.7 | 83.83 |
| 0.06 | 100.2 | 77.65 |
| 0.06 | 99.5 | 83.45 |
| 0.135 | 99.82 | 79.37 |
| 0.05 | 99.6 | 83.6 |
| 0.06 | 99.06 | 82.8 |
| 0.07 | 100.2 | 81.48 |
| 0.03 | 99.5 | 83.56 |
| 0.08 | 99.7 | 83.27 |
| 0.03 | 100.1 | 83.67 |
| 0.08 | 99.6 | 81.66 |
| 0.08 | 100.1 | 78.2 |
| 0.09 | 99.2 | 83.77 |
| 0.08 | 100.3 | 83.39 |
| 0.07 | 100 | 78.02 |
| 0.11 | 100.6 | 80.8 |
| 0.09 | 99.3 | 78.73 |

| Na₂O | Total | Mg# |
|------------------------|--------------|------------|
| 0.02 | 100 | 79.24 |
| 0.02 | 100.1 | 83.13 |
| 0.05 | 100.2 | 81.84 |
| 0.01 | 100.4 | 82.89 |
| 0.35 | 99.2 | 82.19 |
| 0.01 | 99.5 | 82.04 |

| Sample | Li7 | Sc45 | Ti47 | V51 | Co59 | Ni62 | Zn67 | Rb85 |
|----------------------------------|------------|-------------|-------------|------------|-------------|-------------|-------------|-------------|
| Deformed peridotites, ppm | | | | | | | | |
| Uv-18/04 | 0.000 | 143.744 | 805.368 | 437.141 | 40.858 | 88.186 | 12.706 | 0.073 |
| Uv-205/02 | 0.000 | 149.169 | 1139.921 | 418.327 | 41.764 | 101.101 | 12.338 | 0.046 |
| Uv-33/04 | 0.000 | 147.653 | 3865.097 | 362.250 | 45.266 | 89.782 | 19.674 | 0.093 |
| Uv-208/02 | 0.000 | 123.936 | 8807.379 | 365.815 | 41.767 | 104.366 | 14.018 | 0.115 |
| Uv-3/05 | 0.000 | 121.647 | 3176.452 | 344.287 | 45.950 | 84.826 | 18.878 | 0.032 |
| Uv-257/02 | 0.000 | 94.231 | 2959.711 | 252.632 | 45.854 | 97.797 | 14.913 | 0.015 |
| Uv-38/02 | 0.000 | 129.267 | 1395.249 | 320.013 | 42.667 | 85.542 | 12.018 | 0.028 |
| Uv-3/01 | 140.804 | 140.960 | 6897.208 | 343.847 | 50.412 | 159.495 | 18.508 | 5.748 |
| Uv-213/02 | 0.238 | 150.198 | 4433.107 | 425.790 | 44.816 | 107.519 | 12.519 | 0.125 |
| Uv-285/02 | 0.102 | 158.583 | 1287.850 | 499.739 | 45.765 | 81.588 | 15.179 | 0.093 |
| Uv-268/02 | 0.368 | 80.965 | 3933.865 | 227.891 | 46.018 | 104.128 | 12.802 | 0.000 |
| Uv-153/02 | 0.000 | 138.282 | 3493.980 | 307.850 | 44.393 | 93.575 | 16.344 | 0.057 |
| Uv-24/05 | 0.300 | 121.889 | 7550.149 | 364.982 | 45.179 | 107.649 | 17.927 | 0.037 |
| Uv-97/02 | 0.211 | 104.127 | 2259.802 | 242.291 | 45.948 | 91.399 | 13.683 | 0.025 |
| Uv-30/04 | 0.060 | 109.515 | 1691.786 | 316.489 | 47.747 | 82.564 | 14.922 | 0.000 |

| | | Sc45 | Ti47 | V51 | Co59 | Ni62 | | Rb85 |
|--|---|-------------|-------------|------------|-------------|-------------|---|-------------|
| Coarse-grained peridotites, ppm | | | | | | | | |
| Uv-155/11 | - | 77.790 | 421.158 | 520.332 | 54.991 | 139.814 | - | 0.061 |
| Uv-122/11 | - | 115.678 | 4706.947 | 436.123 | 48.157 | 124.802 | - | -0.064 |
| Uv-36/11 | - | 119.005 | 49.638 | 452.975 | 103.594 | 109.285 | - | 5.694 |
| Uv-58-11 | - | 75.054 | 1248.782 | 360.399 | 38.410 | 85.386 | - | 0.719 |
| Uv-538/10 | - | 83.834 | 8.317 | 226.137 | 39.389 | 28.400 | - | 0.691 |
| Uv-38/11 | - | 90.652 | 16.249 | 252.671 | 41.634 | 30.159 | - | -0.001 |

| Sr88 | Y89 | Zr90 | Zr91 | Nb93 | Ba137 | La139 | Ce140 | Pr141 |
|-------------|------------|-------------|-------------|-------------|--------------|--------------|--------------|--------------|
| 0.617 | 1.503 | 7.154 | - | 0.493 | 0.008 | 0.082 | 0.849 | 0.258 |
| 0.727 | 2.673 | 27.613 | - | 0.873 | 0.008 | 0.108 | 1.166 | 0.370 |
| 0.730 | 1.175 | 34.336 | - | 0.325 | 0.012 | 0.059 | 0.608 | 0.206 |
| 1.670 | 9.471 | 98.816 | - | 0.678 | 0.008 | 0.191 | 1.759 | 0.540 |
| 0.651 | 5.421 | 27.731 | - | 0.329 | 0.000 | 0.063 | 0.659 | 0.215 |
| 0.201 | 12.606 | 21.501 | - | 0.416 | 0.000 | 0.026 | 0.188 | 0.051 |
| 0.418 | 2.399 | 15.958 | - | 0.361 | 0.000 | 0.046 | 0.513 | 0.161 |
| 7.505 | 17.087 | 58.433 | - | 1.045 | 10.987 | 0.806 | 2.356 | 0.449 |
| 1.141 | 6.051 | 54.629 | - | 0.748 | 0.000 | 0.139 | 1.352 | 0.442 |
| 0.862 | 1.609 | 6.433 | - | 0.563 | 0.062 | 0.098 | 1.051 | 0.322 |
| 0.445 | 11.620 | 40.940 | - | 0.309 | 0.000 | 0.042 | 0.421 | 0.144 |
| 0.762 | 2.205 | 27.943 | - | 0.352 | 0.005 | 0.064 | 0.681 | 0.236 |
| 0.926 | 25.031 | 86.687 | - | 0.519 | 0.009 | 0.110 | 1.093 | 0.330 |
| 0.421 | 9.562 | 13.630 | - | 0.248 | 0.000 | 0.033 | 0.371 | 0.117 |
| 0.340 | 6.574 | 18.059 | - | 0.306 | 0.000 | 0.030 | 0.357 | 0.129 |

| Sr88 | Y89 | Zr90 | Zr91 | Nb93 | Ba137 | La139 | Ce140 | Pr141 |
|-------------|------------|-------------|-------------|-------------|--------------|--------------|--------------|--------------|
| 0.971 | 3.083 | 29.855 | 31.634 | 1.139 | 0.284 | 0.149 | 1.200 | 0.329 |
| 1.172 | 10.812 | 86.483 | 93.295 | 0.752 | 0.002 | 0.119 | 1.239 | 0.417 |
| 6.746 | 0.552 | 1.229 | 1.241 | 0.257 | 12.934 | 0.701 | 1.408 | 0.127 |
| 2.040 | 4.190 | 0.000 | 37.509 | 0.950 | 6.419 | 0.171 | 0.947 | 0.304 |
| 0.716 | 0.245 | 0.000 | 0.042 | 0.158 | 1.524 | 0.093 | 0.315 | 0.041 |
| 0.260 | 0.801 | 0.000 | 0.143 | 0.252 | 0.003 | 0.128 | 0.557 | 0.083 |

| Nd146 | Sm147 | Eu151 | Gd157 | Tb159 | Dy163 | Ho165 | Er167 | Tm169 |
|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| 1.778 | 0.425 | 0.118 | 0.296 | 0.044 | 0.263 | 0.058 | 0.192 | 0.040 |
| 3.338 | 1.652 | 0.540 | 1.382 | 0.136 | 0.640 | 0.105 | 0.300 | 0.051 |
| 1.832 | 0.956 | 0.322 | 0.788 | 0.084 | 0.344 | 0.048 | 0.131 | 0.026 |
| 4.677 | 2.802 | 1.160 | 3.721 | 0.499 | 2.500 | 0.362 | 0.770 | 0.098 |
| 1.737 | 0.837 | 0.329 | 1.131 | 0.188 | 1.183 | 0.216 | 0.558 | 0.083 |
| 0.493 | 0.452 | 0.260 | 1.169 | 0.263 | 2.127 | 0.487 | 1.496 | 0.235 |
| 1.128 | 0.457 | 0.159 | 0.495 | 0.075 | 0.451 | 0.090 | 0.279 | 0.052 |
| 3.154 | 1.626 | 0.668 | 2.692 | 0.487 | 3.434 | 0.675 | 1.857 | 0.261 |
| 3.732 | 1.776 | 0.658 | 1.636 | 0.259 | 1.350 | 0.243 | 0.673 | 0.108 |
| 2.081 | 0.394 | 0.099 | 0.224 | 0.033 | 0.243 | 0.059 | 0.223 | 0.049 |
| 1.321 | 0.834 | 0.356 | 1.349 | 0.272 | 2.021 | 0.462 | 1.439 | 0.218 |
| 2.102 | 1.047 | 0.340 | 0.778 | 0.082 | 0.422 | 0.078 | 0.266 | 0.055 |
| 2.857 | 1.797 | 0.837 | 3.416 | 0.631 | 4.840 | 1.026 | 2.950 | 0.437 |
| 0.849 | 0.506 | 0.238 | 0.974 | 0.202 | 1.537 | 0.350 | 1.149 | 0.191 |
| 1.192 | 0.623 | 0.256 | 0.817 | 0.142 | 1.037 | 0.256 | 0.827 | 0.147 |

| Nd146 | Sm147 | Eu151 | Gd157 | Tb159 | Dy163 | Ho165 | Er167 | Tm169 |
|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| 2.687 | 1.254 | 0.407 | 0.925 | 0.115 | 0.594 | 0.114 | 0.413 | 0.083 |
| 3.344 | 1.704 | 0.765 | 2.372 | 0.400 | 2.523 | 0.462 | 1.088 | 0.139 |
| 0.361 | 0.033 | 0.046 | 0.057 | 0.008 | 0.068 | 0.023 | 0.090 | 0.034 |
| 2.602 | 1.218 | 0.415 | 1.187 | 0.159 | 0.814 | 0.159 | 0.485 | 0.088 |
| 0.102 | 0.003 | 0.002 | 0.004 | 0.000 | 0.008 | 0.006 | 0.057 | 0.020 |
| 0.305 | 0.020 | 0.005 | 0.014 | 0.001 | 0.039 | 0.022 | 0.174 | 0.045 |

| Yb173 | Lu175 | Hf177 | Hf178 | Ta181 | Pb208 | Th232 | U238 |
|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------|
| 0.393 | 0.086 | 0.178 | - | 0.052 | 0.010 | 0.020 | 0.033 |
| 0.460 | 0.091 | 0.755 | - | 0.101 | 0.007 | 0.030 | 0.049 |
| 0.273 | 0.065 | 0.753 | - | 0.025 | 0.008 | 0.006 | 0.016 |
| 0.646 | 0.105 | 2.465 | - | 0.063 | 0.005 | 0.032 | 0.041 |
| 0.624 | 0.106 | 0.723 | - | 0.034 | 0.005 | 0.011 | 0.020 |
| 1.702 | 0.269 | 0.547 | - | 0.041 | 0.007 | 0.014 | 0.021 |
| 0.459 | 0.092 | 0.352 | - | 0.034 | 0.004 | 0.012 | 0.021 |
| 1.821 | 0.273 | 1.763 | - | 0.074 | 0.062 | 0.078 | 0.035 |
| 0.826 | 0.141 | 1.275 | - | 0.075 | 0.006 | 0.029 | 0.042 |
| 0.471 | 0.101 | 0.138 | - | 0.050 | 0.010 | 0.017 | 0.033 |
| 1.653 | 0.270 | 1.076 | - | 0.025 | 0.027 | 0.008 | 0.013 |
| 0.508 | 0.103 | 0.552 | - | 0.029 | 0.009 | 0.009 | 0.014 |
| 2.848 | 0.438 | 2.314 | - | 0.046 | 0.004 | 0.022 | 0.035 |
| 1.425 | 0.228 | 0.341 | - | 0.023 | 0.005 | 0.007 | 0.014 |
| 1.091 | 0.177 | 0.482 | - | 0.028 | 0.006 | 0.005 | 0.015 |

| Yb173 | Lu175 | Hf177 | Hf178 | Ta181 | | Th232 | U238 |
|--------------|--------------|--------------|--------------|--------------|---|--------------|-------------|
| 0.730 | 0.140 | 0.713 | 0.746 | 0.122 | - | 0.038 | 0.060 |
| 1.098 | 0.173 | 2.154 | 2.244 | 0.064 | - | 0.017 | 0.024 |
| 0.288 | 0.076 | 0.032 | 0.050 | 0.014 | - | 0.001 | 0.006 |
| 0.779 | 0.144 | 0.000 | 0.849 | 0.106 | - | 0.029 | 0.034 |
| 0.284 | 0.075 | 0.000 | -0.001 | 0.004 | - | 0.013 | 0.005 |
| 0.549 | 0.127 | 0.000 | 0.002 | 0.006 | - | 0.035 | 0.011 |

Sample**Deformed peridotites, wt. %**

| | | SiO2 | TiO2 | Al2O3 | Gr203 | FeO | MnO | MgO |
|-----------------|------|-------------|-------------|--------------|--------------|------------|------------|------------|
| Uv-27/01 | core | 41.97 | 0.16 | 19.56 | 4.41 | 9.25 | 0.32 | 19.49 |
| | rim | 41.87 | 1.03 | 18.84 | 3.42 | 10.23 | 0.35 | 19.23 |
| Uv-33/04 | core | 41.52 | 0.05 | 17.34 | 7.33 | 7.48 | 0.34 | 19.16 |
| | rim | 41.22 | 0.94 | 16.66 | 6.98 | 9.44 | 0.36 | 18.68 |
| Uv-32/04 | core | 41.96 | 0.03 | 17.21 | 7.62 | 7.14 | 0.34 | 19.40 |
| | rim | 41.33 | 0.37 | 16.91 | 7.58 | 9.32 | 0.33 | 18.18 |

| CaO | Na2O | K2O | Total |
|------------|-------------|------------|--------------|
| 4.93 | 0.05 | 0.01 | 100.14 |
| 5.07 | 0.14 | 0.03 | 100.19 |
| 6.23 | 0.05 | 0.01 | 99.52 |
| 5.80 | 0.08 | 0.01 | 100.19 |
| 6.28 | 0.06 | 0.00 | 100.03 |
| 6.12 | 0.07 | 0.00 | 100.21 |

| Sample | SiO₂ | TiO₂ | Al₂O₃ | Cr₂O₃ | FeO | MnO | MgO | CaO |
|------------------------------------|------------------------|------------------------|------------------------------------|------------------------------------|------------|------------|------------|------------|
| Deformed peridotites, wt. % | | | | | | | | |
| Uv-268/02 | 55.5 | 0.27 | 1.78 | 0.69 | 3.38 | 0.12 | 18.6 | 17.5 |
| Uv-285/02 | 55.09 | 0.34 | 1.54 | 1.46 | 3.49 | 0.12 | 18.59 | 17.59 |
| Uv-38/02 | 55.79 | 0.178 | 1.04 | 0.71 | 2.83 | 0.094 | 19.28 | 19.06 |
| Uv-32/04 | 55.53 | 0.328 | 1.77 | 0.628 | 4.78 | 0.123 | 18.67 | 16.87 |
| Uv-97/02 | 55.25 | 0.321 | 1.67 | 1.15 | 3.47 | 0.1 | 18.6 | 17.51 |
| Uv-208/02 | 55.21 | 0.341 | 1.72 | 1.24 | 3.39 | 0.123 | 18.65 | 17.39 |
| Uv-1/04 | 54.9 | 0.07 | 1.07 | 1.06 | 2.75 | 0.11 | 18.7 | 19.6 |
| Uv-213/02 | 55.16 | 0.14 | 1.22 | 1.35 | 3.08 | 0.12 | 18.9 | 17.48 |
| Uv-3/01 | 55.68 | 0.214 | 1.57 | 1.09 | 3.96 | 0.146 | 20.32 | 15.83 |
| Uv-18/04 | 55.31 | 0.27 | 1.63 | 1 | 3.3 | 0.095 | 19.38 | 17.11 |
| Uv-252/02 | 54.9 | 0.233 | 1.56 | 0.854 | 3.4 | 0.117 | 19.34 | 17.61 |
| Uv-205/02 | 54.97 | 0.01 | 0.782 | 0.642 | 2.78 | 0.121 | 20.22 | 19.3 |
| Uv-03/02 | 55.1 | 0.21 | 1.92 | 0.71 | 3.65 | 0.11 | 17.9 | 18.3 |
| Uv-33/04 | 55.1 | 0.31 | 1.7 | 0.85 | 4.39 | 0.12 | 18.8 | 16.9 |
| Uv-257/02 | 55.6 | 0.12 | 1.77 | 0.96 | 3.29 | 0.11 | 19.4 | 17.3 |
| Uv-30/04 | 55.24 | 0.16 | 1.29 | 0.989 | 2.98 | 0.079 | 18.96 | 18.01 |
| Uv-27/01 | 55.25 | 0.308 | 1.71 | 0.458 | 4.93 | 0.113 | 18.5 | 17.22 |
| Uv-24/05 | 55.47 | 0.24 | 1.44 | 1.43 | 3.79 | 0.124 | 19.24 | 16.68 |
| Uv-3/05 | 54.3 | 0.306 | 1.79 | 0.54 | 4.62 | 0.137 | 19.27 | 16.39 |

| | SiO₂ | TiO₂ | Al₂O₃ | Cr₂O₃ | FeO | MnO | MgO | CaO |
|--|------------------------|------------------------|------------------------------------|------------------------------------|------------|------------|------------|------------|
| Coarse-grained peridotites, wt. % | | | | | | | | |
| Uv-58/11 | 54.22 | 0.07 | 0.68 | 0.52 | 2.98 | 0.12 | 19.67 | 20.40 |
| Uv-122/11 | 55.03 | 0.24 | 1.29 | 1.16 | 3.49 | 0.14 | 18.54 | 17.99 |
| Uv-538/10 | 54.90 | 0.04 | 1.03 | 0.80 | 3.28 | 0.11 | 19.60 | 19.31 |
| Uv-36/11 | 55.09 | 0.00 | 1.74 | 1.37 | 1.51 | 0.08 | 16.15 | 22.46 |
| Uv-155/11 | 55.44 | 0.01 | 0.77 | 0.64 | 3.12 | 0.12 | 19.85 | 19.31 |
| Uv-38/11 | 54.90 | 0.04 | 1.03 | 0.80 | 3.28 | 0.11 | 19.60 | 19.31 |

| Na₂O | K₂O | Total |
|------------------------|-----------------------|--------------|
| 1.57 | 0.04 | 99.45 |
| 1.92 | 0.05 | 100.2 |
| 1.13 | 0.04 | 100.2 |
| 1.74 | 0.04 | 100.5 |
| 1.69 | 0.05 | 99.81 |
| 1.77 | 0.04 | 99.88 |
| 1.2 | 0.06 | 99.52 |
| 1.39 | 0.05 | 98.89 |
| 1.55 | 0.04 | 100.4 |
| 1.78 | 0.07 | 99.95 |
| 1.4 | 0.04 | 99.45 |
| 0.744 | 0.06 | 99.63 |
| 1.64 | 0.05 | 99.59 |
| 1.72 | 0.03 | 99.92 |
| 1.72 | 0.06 | 100.33 |
| 1.39 | 0.04 | 99.14 |
| 1.53 | 0.03 | 100.05 |
| 1.74 | 0.05 | 100.2 |
| 1.74 | 0.05 | 99.14 |

| Na₂O | K₂O | Total |
|------------------------|-----------------------|--------------|
| 0.44 | 0.09 | 99.18 |
| 1.23 | 0.05 | 99.14 |
| 0.72 | 0.06 | 99.41 |
| 1.15 | 0.03 | 99.59 |
| 0.63 | 0.07 | 99.95 |
| 0.72 | 0.06 | 99.41 |

| Sample | Li7 | Sc45 | Ti47 | V51 | Co59 | Ni62 |
|------------------------------------|--------|--------|----------|---------|--------|---------|
| Deformed peridotites, wt. % | | | | | | |
| Uv-268/02 | 8.345 | 13.911 | 1618.667 | 191.321 | 28.508 | 490.963 |
| Uv-285/02 | 0.896 | 18.526 | 2205.428 | 242.986 | 28.532 | 449.310 |
| Uv-38/02 | 0.452 | 9.773 | 868.375 | 142.046 | 27.709 | 501.639 |
| Uv-32/04 | 0.000 | 18.455 | 1728.488 | 222.732 | 35.892 | 0.000 |
| Uv-208/02 | 37.389 | 17.228 | 2569.088 | 218.995 | 31.075 | 493.874 |
| Uv-3/01 | 27.273 | 15.877 | 1565.658 | 167.162 | 35.681 | 603.640 |
| Uv-18/04 | 49.671 | 16.694 | 1833.679 | 207.450 | 26.654 | 492.049 |
| Uv-205/02 | 6.964 | 8.701 | 161.427 | 130.993 | 29.808 | 548.481 |
| Uv-33/04 | 6.582 | 15.746 | 2061.088 | 216.861 | 30.401 | 491.778 |
| Uv-257/02 | 1.121 | 13.053 | 769.687 | 202.696 | 29.123 | 494.786 |
| Uv-30/04 | 0.000 | 14.299 | 708.132 | 168.509 | 27.886 | 0.000 |
| Uv-24/05 | 0.886 | 16.612 | 1587.493 | 189.960 | 30.675 | 473.235 |
| Uv-3/05 | 4.559 | 16.045 | 2140.076 | 210.878 | 34.279 | 448.663 |

| Sample | Sc | Ti | V | Co | Ni | |
|--|-------|--------|---------|---------|--------|---------|
| Coarse-grained peridotites, wt. % | | | | | | |
| Uv-58-11 | 0.000 | 14.355 | 57.419 | 73.222 | 24.100 | 424.424 |
| Uv-538/10 | 0.000 | 16.436 | 60.453 | 118.378 | 29.722 | 656.568 |
| Uv-122/11 | 0.000 | 19.691 | 936.840 | 168.951 | 29.211 | 492.790 |
| Uv-36/11 | 0.000 | 12.694 | 16.267 | 151.397 | 15.722 | 285.955 |

| Zn67 | Rb85 | Sr88 | Y89 | Zr90 | Nb93 | Ba137 | La139 |
|-------------|-------------|-------------|------------|-------------|-------------|--------------|--------------|
| 11.284 | 0.017 | 125.425 | 2.146 | 5.024 | 0.257 | 0.479 | 3.066 |
| 12.079 | 0.000 | 131.678 | 2.892 | 6.306 | 0.206 | 0.262 | 2.457 |
| 9.724 | 0.151 | 107.936 | 1.133 | 2.756 | 0.157 | 0.486 | 2.163 |
| 0.000 | 0.481 | 138.295 | 2.790 | 7.344 | 0.304 | 4.322 | 2.877 |
| 15.228 | 0.973 | 140.159 | 2.696 | 8.521 | 1.741 | 8.772 | 3.669 |
| 17.169 | 1.405 | 117.182 | 2.361 | 4.505 | 0.437 | 2.146 | 2.812 |
| 12.530 | 26.308 | 142.805 | 2.345 | 9.441 | 2.702 | 17.154 | 4.155 |
| 11.039 | 1.732 | 144.392 | 0.234 | 3.010 | 0.630 | 5.834 | 2.387 |
| 18.275 | 0.243 | 121.999 | 2.747 | 5.904 | 0.243 | 1.308 | 2.477 |
| 12.815 | 0.000 | 62.534 | 1.936 | 2.076 | 0.368 | 0.315 | 2.169 |
| 0.000 | 1.233 | 141.861 | 1.202 | 5.457 | 0.349 | 3.156 | 2.937 |
| 14.980 | 0.045 | 122.913 | 2.305 | 4.780 | 0.205 | 0.574 | 2.731 |
| 20.314 | 0.869 | 127.315 | 2.976 | 6.300 | 0.760 | 6.000 | 2.979 |
| Zn | Rb | Sr | Y | Zr | Nb | Ba | La |
| 0.000 | 0.082 | 165.808 | 0.084 | 0.030 | 0.254 | 0.837 | 1.634 |
| 0.000 | 0.324 | 131.749 | 0.147 | 0.284 | 0.239 | 2.566 | 1.642 |
| 0.000 | -0.255 | 155.994 | 1.163 | 3.256 | 0.239 | 0.956 | 2.443 |
| 0.000 | -0.092 | 5.794 | 0.045 | 0.161 | 0.073 | 113.423 | 0.324 |

| Ce140 | Pr141 | Nd146 | Sm147 | Eu151 | Gd157 | Tb159 | Dy163 | Ho165 |
|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| 11.019 | 1.777 | 8.333 | 1.630 | 0.455 | 1.197 | 0.134 | 0.638 | 0.093 |
| 8.845 | 1.472 | 7.174 | 1.592 | 0.492 | 1.352 | 0.171 | 0.810 | 0.125 |
| 7.681 | 1.213 | 5.555 | 1.062 | 0.297 | 0.769 | 0.084 | 0.373 | 0.049 |
| 9.872 | 1.643 | 8.512 | 1.863 | 0.562 | 1.234 | 0.215 | 0.838 | 0.103 |
| 11.308 | 1.717 | 7.951 | 1.752 | 0.522 | 1.434 | 0.171 | 0.821 | 0.121 |
| 9.580 | 1.530 | 7.270 | 1.474 | 0.432 | 1.156 | 0.141 | 0.698 | 0.107 |
| 12.578 | 1.873 | 8.437 | 1.631 | 0.471 | 1.233 | 0.138 | 0.685 | 0.100 |
| 7.806 | 1.208 | 5.534 | 0.879 | 0.190 | 0.358 | 0.023 | 0.083 | 0.010 |
| 8.796 | 1.434 | 6.988 | 1.601 | 0.480 | 1.339 | 0.167 | 0.846 | 0.127 |
| 5.685 | 0.736 | 3.350 | 0.858 | 0.278 | 0.828 | 0.107 | 0.537 | 0.082 |
| 10.962 | 1.942 | 8.624 | 2.137 | 0.469 | 1.285 | 0.090 | 0.416 | 0.055 |
| 9.869 | 1.526 | 7.010 | 1.508 | 0.447 | 1.234 | 0.146 | 0.728 | 0.103 |
| 9.860 | 1.555 | 7.450 | 1.668 | 0.505 | 1.427 | 0.168 | 0.869 | 0.132 |
| Ce | Pr | Nd | Sm | Eu | Gd | Tb | Dy | Ho |
| 4.936 | 0.967 | 4.327 | 0.345 | 0.059 | 0.127 | 0.007 | 0.016 | 0.002 |
| 5.355 | 0.869 | 3.506 | 0.496 | 0.125 | 0.240 | 0.015 | 0.039 | 0.006 |
| 8.693 | 1.417 | 6.652 | 1.302 | 0.402 | 0.928 | 0.093 | 0.404 | 0.048 |
| 0.542 | 0.058 | 0.172 | 0.035 | 0.007 | 0.005 | 0.000 | 0.012 | 0.003 |

| Er167 | Tm169 | Yb173 | Lu175 | Hf177 | Ta181 | Pb208 | Th232 | U238 |
|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------|
| 0.197 | 0.022 | 0.105 | 0.013 | 0.337 | 0.015 | 0.184 | 0.026 | 0.005 |
| 0.249 | 0.027 | 0.139 | 0.015 | 0.419 | 0.012 | 0.173 | 0.020 | 0.004 |
| 0.095 | 0.010 | 0.052 | 0.006 | 0.197 | 0.010 | 0.222 | 0.019 | 0.003 |
| 0.231 | 0.032 | 0.147 | 0.028 | 0.681 | 0.014 | 0.248 | 0.025 | -0.002 |
| 0.221 | 0.024 | 0.113 | 0.014 | 0.526 | 0.105 | 0.217 | 0.136 | 0.026 |
| 0.218 | 0.022 | 0.126 | 0.014 | 0.253 | 0.026 | 0.196 | 0.043 | 0.021 |
| 0.207 | 0.024 | 0.119 | 0.016 | 0.439 | 0.169 | 1.278 | 0.173 | 0.025 |
| 0.020 | 0.003 | 0.015 | 0.002 | 0.061 | 0.052 | 0.523 | 0.064 | 0.010 |
| 0.262 | 0.029 | 0.145 | 0.016 | 0.427 | 0.014 | 0.175 | 0.028 | 0.005 |
| 0.174 | 0.019 | 0.100 | 0.012 | 0.148 | 0.024 | 0.258 | 0.030 | 0.006 |
| 0.142 | 0.022 | 0.134 | 0.020 | 0.290 | 0.063 | 0.235 | 0.023 | -0.023 |
| 0.204 | 0.023 | 0.105 | 0.013 | 0.314 | 0.011 | 0.192 | 0.020 | 0.003 |
| 0.257 | 0.030 | 0.155 | 0.018 | 0.411 | 0.044 | 0.210 | 0.069 | 0.014 |
| Er | Tm | Yb | Lu | Hf | Ta | | Th | U |
| 0.006 | 0.000 | 0.007 | 0.001 | 0.000 | 0.011 | 0.000 | 0.016 | 0.002 |
| 0.012 | 0.003 | 0.008 | 0.001 | 0.018 | 0.012 | 0.000 | -0.052 | 0.004 |
| 0.092 | 0.009 | 0.039 | 0.007 | 0.252 | 0.012 | 0.000 | -0.070 | 0.004 |
| 0.005 | 0.001 | 0.002 | 0.000 | 0.012 | 0.001 | 0.000 | 0.012 | 0.010 |

| Sample | SiO ₂ | TiO ₂ | Al ₂ O ₃ | FeO | MnO | MgO | CaO |
|------------------------------------|------------------|------------------|--------------------------------|-------|------|-------|------|
| Deformed peridotites, wt. % | | | | | | | |
| Uv-268/02 | 44.50 | 0.14 | 2.49 | 8.05 | 0.13 | 41.00 | 2.63 |
| Uv-285/02 | 43.49 | 0.12 | 0.86 | 9.10 | 0.12 | 44.35 | 0.99 |
| Uv-38/02 | 44.16 | 0.06 | 1.22 | 7.75 | 0.12 | 44.18 | 1.42 |
| Uv-32/04 | 42.65 | 0.10 | 0.62 | 12.14 | 0.14 | 43.47 | 0.75 |
| Uv-97/02 | 44.00 | 0.14 | 1.82 | 8.39 | 0.12 | 42.63 | 2.12 |
| Uv-208/02 | 42.30 | 0.13 | 0.57 | 9.55 | 0.13 | 45.85 | 0.77 |
| Uv-1/04 | 43.58 | 0.10 | 2.13 | 8.01 | 0.13 | 43.11 | 1.97 |
| Uv-213/02 | 44.35 | 0.07 | 0.58 | 8.09 | 0.12 | 45.87 | 0.64 |
| Uv-3/01 | 43.62 | 0.11 | 1.04 | 9.36 | 0.13 | 43.78 | 1.30 |
| Uv-18/04 | 43.00 | 0.08 | 0.70 | 8.61 | 0.12 | 46.08 | 0.81 |
| Uv-252/02 | 44.54 | 0.13 | 1.47 | 8.17 | 0.12 | 43.17 | 1.52 |
| Uv-205/02 | 44.41 | 0.02 | 0.96 | 7.87 | 0.12 | 44.63 | 0.96 |
| Uv 03/02 | 43.70 | 0.12 | 3.00 | 8.79 | 0.13 | 40.76 | 2.84 |
| Uv-33/04 | 43.62 | 0.12 | 0.95 | 11.04 | 0.14 | 42.65 | 0.99 |
| Uv-257/02 | 44.27 | 0.07 | 2.35 | 8.47 | 0.13 | 42.10 | 2.29 |
| Uv-30/04 | 44.72 | 0.08 | 1.80 | 7.95 | 0.13 | 42.77 | 1.68 |
| Uv-27/01 | 44.45 | 0.19 | 2.26 | 11.07 | 0.15 | 38.46 | 2.78 |
| Uv-24/05 | 43.12 | 0.15 | 1.32 | 9.43 | 0.13 | 42.48 | 1.85 |
| Uv-3/05 | 44.57 | 0.17 | 1.53 | 10.67 | 0.14 | 39.82 | 2.63 |
| Average | 43.84 | 0.11 | 1.46 | 9.08 | 0.13 | 43.01 | 1.63 |
| Standard deviation | 0.70 | 0.04 | 0.73 | 1.29 | 0.01 | 2.02 | 0.75 |

| | SiO ₂ | TiO ₂ | Al ₂ O ₃ | FeO | MnO | MgO | CaO |
|--|------------------|------------------|--------------------------------|------|------|-------|------|
| Coarse-grained peridotites, wt. % | | | | | | | |
| Uv-36/11 | 44.29 | 0.07 | 1.41 | 6.85 | 0.11 | 43.68 | 1.31 |
| Uv-38/11 | 43.83 | 0.06 | 2.02 | 6.99 | 0.12 | 44.99 | 0.89 |
| Uv-58/11 | 43.96 | 0.05 | 1.41 | 7.77 | 0.12 | 44.10 | 1.33 |
| Uv-155/11 | 44.52 | 0.04 | 1.28 | 7.66 | 0.13 | 44.20 | 1.46 |
| Uv-122/11 | 44.48 | 0.12 | 0.71 | 7.87 | 0.11 | 44.23 | 0.92 |
| Uv-538/10 | 46.22 | 0.03 | 2.64 | 6.41 | 0.12 | 41.54 | 0.98 |
| Average | 44.55 | 0.06 | 1.58 | 7.26 | 0.12 | 43.79 | 1.15 |
| Standard deviation | 0.86 | 0.03 | 0.67 | 0.59 | 0.01 | 1.18 | 0.25 |

| Na2O | K2O | P2O5 | Cr ₂ O ₃ | NiO | Total | LOI |
|------|------|------|--------------------------------|------|--------|-------|
| 0.20 | 0.20 | 0.01 | 0.37 | 0.28 | 99.99 | 0.08 |
| 0.08 | 0.08 | 0.01 | 0.40 | 0.31 | 99.92 | -0.53 |
| 0.06 | 0.23 | 0.00 | 0.41 | 0.30 | 99.90 | 0.57 |
| 0.06 | 0.10 | 0.00 | 0.18 | 0.23 | 100.46 | -0.33 |
| 0.18 | 0.09 | 0.00 | 0.42 | 0.29 | 100.21 | -0.25 |
| 0.08 | 0.09 | 0.01 | 0.53 | 0.32 | 100.33 | -0.4 |
| 0.10 | 0.14 | 0.01 | 0.56 | 0.30 | 100.13 | 0.18 |
| 0.05 | 0.05 | 0.00 | 0.35 | 0.33 | 100.51 | -0.04 |
| 0.12 | 0.10 | 0.00 | 0.34 | 0.32 | 100.22 | -0.47 |
| 0.05 | 0.08 | 0.00 | 0.27 | 0.33 | 100.14 | -0.19 |
| 0.12 | 0.18 | 0.01 | 0.38 | 0.30 | 100.12 | 0.98 |
| 0.04 | 0.09 | 0.00 | 0.42 | 0.31 | 99.85 | -0.39 |
| 0.19 | 0.09 | 0.01 | 0.35 | 0.28 | 100.27 | -0.05 |
| 0.10 | 0.13 | 0.00 | 0.31 | 0.29 | 100.32 | -0.45 |
| 0.16 | 0.11 | 0.00 | 0.38 | 0.29 | 100.62 | -0.34 |
| 0.10 | 0.13 | 0.00 | 0.42 | 0.29 | 100.07 | 0.17 |
| 0.24 | 0.21 | 0.00 | 0.34 | 0.20 | 100.34 | -0.46 |
| 0.15 | 0.25 | 0.01 | 0.62 | 0.28 | 99.81 | 0.13 |
| 0.24 | 0.18 | 0.01 | 0.31 | 0.24 | 100.52 | -0.15 |
| 0.12 | 0.13 | 0.00 | 0.39 | 0.29 | 100.20 | |
| 0.06 | 0.06 | 0.00 | 0.10 | 0.03 | 0.24 | |

| K2O | P2O5 | Cr ₂ O ₃ | NiO | Total | LOI |
|------|------|--------------------------------|------|--------|------|
| 0.34 | 0.04 | 0.40 | 0.27 | 99.48 | 0.71 |
| 0.35 | 0.03 | 0.37 | 0.27 | 100.58 | 0.66 |
| 0.08 | 0.02 | 0.41 | 0.28 | 100.00 | 0.47 |
| 0.11 | 0.02 | 0.41 | 0.29 | 100.25 | 0.14 |
| 0.11 | 0.03 | 0.28 | 0.26 | 100.27 | 1.14 |
| 0.14 | 0.01 | 0.64 | 0.22 | 100.19 | 1.21 |
| 0.19 | 0.03 | 0.42 | 0.27 | 100.13 | |
| 0.12 | 0.01 | 0.12 | 0.02 | 0.37 | |

| Sample | Li | Rb | Sr | Y | Zr | Nb | Cs | Ba |
|--|-----------|-----------|-----------|----------|-----------|-----------|-----------|-----------|
| Deformed peridotites, ppm | | | | | | | | |
| Uv-268/02 | 1.24 | 6.79 | 29.62 | 2.15 | 12.61 | 2.44 | 0.11 | 27.92 |
| Uv-285/02 | 8.82 | 3.82 | 15.08 | 0.81 | 2.55 | 1.32 | 0.08 | 14.94 |
| Uv-38/02 | 6.95 | 7.70 | 16.05 | 0.46 | | 1.27 | 0.14 | 7.47 |
| Uv-32/04 | 3.47 | 4.18 | 12.03 | 0.67 | 5.9 | 1.80 | 0.12 | 9.14 |
| Uv-97/02 | 8.25 | 3.66 | 23.06 | 1.85 | 6.10 | 1.25 | 0.07 | 13.07 |
| Uv-208/02 | 13.60 | 3.56 | 8.47 | 1.41 | 6.67 | 1.51 | 0.10 | 9.03 |
| Uv-1/04 | 6.27 | 6.39 | 25.93 | 1.60 | 9.12 | 2.23 | 0.17 | 12.77 |
| Uv-213/02 | 8.04 | 2.15 | 8.16 | 0.53 | 3.31 | 0.88 | 0.07 | 6.45 |
| Uv-3/01 | 8.37 | 3.94 | 13.66 | 1.41 | 7.7 | 1.68 | 0.09 | 10.27 |
| Uv-18/04 | 7.74 | 4.95 | 9.27 | 0.45 | 2.70 | 1.05 | 0.14 | 7.46 |
| Uv-252/02 | 9.78 | 5.70 | 16.46 | 1.11 | 9.39 | 1.49 | 0.10 | 20.30 |
| Uv-205/02 | 8.15 | 4.29 | 10.66 | 0.33 | 2.8 | 2.05 | 0.10 | 12.84 |
| Uv 03/02 | 6.67 | 4.18 | 19.08 | 3.08 | 7.62 | 1.72 | 0.13 | 13.45 |
| Uv-33/04 | 10.56 | 5.64 | 11.43 | 0.83 | 5.30 | 1.12 | 0.14 | 8.12 |
| Uv-257/02 | 11.97 | 4.79 | 48.18 | 1.95 | 3.66 | 0.98 | 0.17 | 14.36 |
| Uv-30/04 | 9.72 | 5.31 | 12.54 | 0.99 | 6.29 | 1.16 | 0.16 | 10.52 |
| Uv-27/01 | 12.26 | 9.52 | 22.78 | 2.47 | 11.74 | 1.73 | 0.40 | 19.20 |
| Uv-24/05 | 9.74 | 12.15 | 28.48 | 2.51 | 15.5 | 2.68 | 0.19 | 28.93 |
| Uv-3/05 | | 7.35 | 28.20 | 1.80 | 12.04 | 2.43 | 0.16 | 19.26 |
| Average | 8.42 | 5.58 | 18.90 | 1.39 | 7.28 | 1.62 | 0.14 | 13.97 |
| Standard deviat | 2.98 | 2.36 | 10.05 | 0.80 | 3.81 | 0.54 | 0.07 | 6.53 |
| | | Rb | Sr | Y | Zr | Nb | Cs | Ba |
| Coarse-grained peridotites, ppm | | | | | | | | |
| Uv-36/11 | | 11.63 | 76.18 | 0.30 | 6.64 | 4.70 | 0.27 | 66.80 |
| Uv-38/11 | | 14.00 | 34.06 | 0.39 | 3.66 | 4.62 | 0.31 | 88.34 |
| Uv-58/11 | | 2.78 | 40.57 | 0.33 | 2.48 | 3.14 | 0.15 | 77.09 |
| Uv-155/11 | | 4.80 | 20.22 | 0.33 | 4.87 | 1.58 | 0.31 | 14.66 |
| Uv-122/11 | | 3.81 | 36.69 | 0.66 | 6.20 | 4.41 | <0.1 | 55.19 |
| Uv-538/10 | | 3.85 | 13.64 | 0.23 | 2.29 | 2.58 | 0.16 | 120.33 |
| Average | | 6.81 | 36.89 | 0.37 | 4.36 | 3.51 | 0.24 | 70.40 |
| Standard deviation | | 4.75 | 21.83 | 0.15 | 1.85 | 1.28 | 0.08 | 35.25 |
| Standard BIR-1 | 3.00 | 0.29 | 109.8 | 15.37 | 19.01 | 0.58 | 0.01 | 6.92 |

| La | Ce | Pr | Nd | Sm | Eu | Gd | Tb | Dy | Ho |
|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 1.39 | 2.80 | 0.35 | 1.51 | 0.29 | 0.09 | 0.30 | 0.05 | 0.32 | 0.07 |
| 0.61 | 1.01 | 0.11 | 0.47 | 0.11 | 0.04 | 0.12 | 0.02 | 0.13 | 0.03 |
| 0.79 | 1.40 | 0.16 | 0.64 | 0.12 | 0.04 | 0.10 | 0.01 | 0.08 | 0.01 |
| 1.26 | 2.22 | 0.23 | 0.87 | 0.14 | 0.04 | 0.13 | 0.02 | 0.12 | 0.02 |
| 1.05 | 2.19 | 0.27 | 1.19 | 0.27 | 0.09 | 0.30 | 0.05 | 0.31 | 0.06 |
| 0.82 | 1.50 | 0.17 | 0.73 | 0.19 | 0.07 | 0.26 | 0.04 | 0.27 | 0.05 |
| 1.58 | 2.60 | 0.28 | 1.19 | 0.27 | 0.09 | 0.27 | 0.04 | 0.25 | 0.05 |
| 0.47 | 0.81 | 0.09 | 0.40 | 0.10 | 0.03 | 0.10 | 0.02 | 0.09 | 0.02 |
| 1.06 | 2.02 | 0.23 | 0.96 | 0.20 | 0.07 | 0.23 | 0.04 | 0.25 | 0.05 |
| 0.51 | 1.03 | 0.12 | 0.49 | 0.09 | 0.03 | 0.09 | 0.01 | 0.08 | 0.01 |
| 0.82 | 1.63 | 0.20 | 0.86 | 0.21 | 0.07 | 0.23 | 0.04 | 0.21 | 0.04 |
| 1.01 | 1.81 | 0.19 | 0.78 | 0.15 | 0.05 | 0.12 | 0.01 | 0.06 | 0.01 |
| 0.97 | 2.16 | 0.27 | 1.18 | 0.26 | 0.10 | 0.36 | 0.07 | 0.49 | 0.11 |
| 0.58 | 1.13 | 0.13 | 0.55 | 0.12 | 0.04 | 0.14 | 0.02 | 0.15 | 0.03 |
| 0.64 | 1.31 | 0.15 | 0.62 | 0.15 | 0.06 | 0.22 | 0.04 | 0.29 | 0.06 |
| 0.55 | 1.21 | 0.16 | 0.72 | 0.17 | 0.06 | 0.18 | 0.03 | 0.17 | 0.03 |
| 1.13 | 2.51 | 0.33 | 1.48 | 0.35 | 0.12 | 0.40 | 0.07 | 0.44 | 0.09 |
| 1.74 | 3.30 | 0.38 | 1.55 | 0.33 | 0.12 | 0.41 | 0.07 | 0.45 | 0.09 |
| 1.53 | 3.22 | 0.44 | 1.86 | 0.38 | 0.12 | 0.35 | 0.05 | 0.31 | 0.06 |
| 0.97 | 1.89 | 0.22 | 0.95 | 0.21 | 0.07 | 0.23 | 0.04 | 0.23 | 0.05 |
| 0.38 | 0.76 | 0.10 | 0.42 | 0.09 | 0.03 | 0.11 | 0.02 | 0.13 | 0.03 |
| La | Ce | Pr | Nd | Sm | Eu | Gd | Tb | Dy | Ho |
| 3.39 | 5.21 | 0.57 | 1.80 | 0.26 | 0.06 | 0.15 | 0.02 | 0.07 | 0.01 |
| 3.14 | 5.02 | 0.54 | 1.96 | 0.20 | 0.08 | 0.15 | 0.02 | 0.06 | 0.01 |
| 2.37 | 4.09 | 0.46 | 1.55 | 0.19 | 0.04 | 0.15 | 0.01 | 0.06 | 0.01 |
| 0.64 | 1.20 | 0.13 | 0.55 | 0.10 | 0.04 | 0.09 | 0.01 | 0.05 | 0.01 |
| 3.69 | 5.50 | 0.55 | 1.80 | 0.29 | 0.10 | 0.19 | 0.03 | 0.15 | 0.02 |
| 1.83 | 3.08 | 0.35 | 1.07 | 0.14 | 0.03 | 0.09 | 0.01 | 0.04 | 0.01 |
| 2.51 | 4.02 | 0.43 | 1.46 | 0.20 | 0.06 | 0.14 | 0.02 | 0.07 | 0.01 |
| 1.14 | 1.64 | 0.17 | 0.54 | 0.07 | 0.03 | 0.04 | 0.01 | 0.04 | 0.01 |
| 0.62 | 1.89 | 0.35 | 2.34 | 1.04 | 0.51 | 1.782 | 0.356 | 2.639 | 0.581 |

| Er | Tm | Yb | Lu | Hf | Ta | Pb | Th | U |
|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|
| 0.19 | 0.03 | 0.21 | 0.04 | 0.26 | 0.25 | 0.88 | 0.18 | 0.05 |
| 0.07 | 0.01 | 0.08 | 0.01 | 0.06 | 0.08 | 0.37 | 0.06 | 0.02 |
| 0.04 | 0.01 | 0.05 | 0.01 | | 0.07 | 0.53 | 0.12 | 0.08 |
| 0.06 | 0.01 | 0.06 | 0.01 | 0.15 | 0.09 | 0.41 | 0.14 | 0.05 |
| 0.17 | 0.02 | 0.17 | 0.03 | 0.15 | 0.07 | 0.68 | 0.17 | 0.04 |
| 0.12 | 0.02 | 0.09 | 0.01 | 0.14 | 0.09 | 0.40 | 0.10 | 0.03 |
| 0.15 | 0.02 | 0.16 | 0.03 | 0.19 | 0.11 | 1.25 | 0.13 | 0.09 |
| 0.04 | 0.01 | 0.04 | 0.01 | 0.06 | 0.07 | 0.39 | 0.06 | 0.02 |
| 0.13 | 0.02 | 0.12 | 0.02 | 0.18 | 0.09 | 0.29 | 0.11 | 0.03 |
| 0.04 | 0.01 | 0.04 | 0.01 | 0.08 | 0.07 | 0.42 | 0.07 | 0.02 |
| 0.10 | 0.01 | 0.10 | 0.02 | 0.20 | 0.09 | 0.58 | 0.09 | 0.03 |
| 0.03 | 0.00 | 0.03 | 0.01 | 0.06 | 0.12 | 0.32 | 0.10 | 0.03 |
| 0.31 | 0.05 | 0.32 | 0.05 | 0.18 | 0.13 | 0.36 | 0.09 | 0.02 |
| 0.08 | 0.01 | 0.07 | 0.01 | 0.12 | 0.06 | 0.38 | 0.07 | 0.02 |
| 0.19 | 0.03 | 0.20 | 0.04 | 0.07 | 0.06 | 0.49 | 0.06 | 0.02 |
| 0.10 | 0.01 | 0.11 | 0.02 | 0.14 | 0.09 | 0.43 | 0.06 | 0.02 |
| 0.25 | 0.04 | 0.25 | 0.04 | 0.28 | 0.12 | 0.84 | 0.11 | 0.03 |
| 0.24 | 0.03 | 0.22 | 0.03 | 0.40 | 0.16 | 0.62 | 0.20 | 0.06 |
| 0.16 | 0.02 | 0.16 | 0.02 | 0.27 | 0.15 | 0.75 | 0.14 | 0.05 |
| 0.13 | 0.02 | 0.13 | 0.02 | 0.17 | 0.10 | 0.55 | 0.11 | 0.04 |
| 0.08 | 0.01 | 0.08 | 0.01 | 0.09 | 0.05 | 0.24 | 0.04 | 0.02 |
| Er | Tm | Yb | Lu | Hf | Ta | Pb | Th | U |
| 0.03 | 0.01 | 0.04 | 0.01 | 0.10 | 0.21 | | 0.33 | 0.12 |
| 0.03 | 0.01 | 0.04 | 0.01 | 0.07 | 0.27 | | 0.39 | 0.12 |
| 0.04 | 0.01 | 0.05 | 0.01 | <0.05 | 0.18 | | 0.24 | 0.06 |
| 0.03 | 0.01 | 0.03 | 0.01 | 0.07 | 0.12 | | 0.09 | 0.03 |
| 0.05 | 0.01 | 0.05 | 0.01 | 0.16 | 0.30 | | 0.33 | 0.09 |
| 0.02 | <0.005 | 0.03 | 0.01 | 0.07 | 0.15 | | 0.21 | 0.06 |
| 0.03 | 0.01 | 0.04 | 0.01 | 0.10 | 0.20 | | 0.26 | 0.08 |
| 0.01 | 0.00 | 0.01 | 0.00 | 0.04 | 0.07 | | 0.11 | 0.04 |
| 1.646 | 0.241 | 1.602 | 0.261 | 0.608 | 0.065 | 3.22 | 0.033 | 0.014 |

Deformed peridotites, ppb

| Results of standard analyzes performed with samples | | | | | | | |
|---|------|------|------|------|------|------|------|
| Standard | Os | Ir | Ru | Rh | Pt | Pd | Re |
| GP-13 | 3.58 | 3.86 | 6.64 | 1.85 | 7.90 | 5.78 | 0.30 |
| GP-13 | 3.83 | 3.43 | 7.25 | 1.60 | 5.70 | 4.67 | 0.32 |
| UBN-1 | 3.69 | 3.79 | 6.77 | 1.90 | 7.90 | 5.93 | 0.20 |
| UBN-1 | 3.35 | 3.13 | 6.36 | 1.87 | 6.93 | 5.82 | 0.21 |
| Sample | Os | Ir | Ru | Rh | Pt | Pd | Re |
| Uv-268/02 | 3.59 | 3.22 | 6.83 | 1.40 | 7.06 | 6.13 | 0.50 |
| Uv-257/02 | 2.85 | 3.08 | 6.18 | 1.25 | 5.55 | 4.04 | 0.66 |
| Uv-30/04 | 3.32 | 3.61 | 6.27 | 1.55 | 5.93 | 2.67 | 0.39 |
| Uv-3/05 | 2.63 | 2.79 | 4.27 | 0.72 | 3.61 | 0.87 | 0.23 |
| Uv-24/05 | 2.41 | 3.97 | | | 5.07 | 0.09 | 0.24 |
| Uv-97/02 | 3.29 | 3.22 | 6.11 | 0.95 | 3.12 | 1.00 | 0.14 |
| Uv-33/04 | 3.66 | 3.64 | 6.83 | 0.80 | 3.05 | 0.08 | 0.35 |
| Uv-285/02 | 3.52 | 3.55 | 6.99 | 1.35 | 4.97 | 1.59 | 0.16 |
| Uv-18/04 | 4.06 | 4.02 | 7.96 | 1.50 | 5.19 | 0.95 | 0.55 |
| Uv-27/01 | 3.19 | 3.51 | 2.02 | 0.85 | 3.27 | 1.83 | 0.62 |
| Average | 3.25 | 3.46 | 5.94 | 1.15 | 4.68 | 1.93 | 0.38 |
| Standard deviation | 0.50 | 0.39 | 1.77 | 0.32 | 1.36 | 1.90 | 0.19 |

Coarse-grained peridotites, ppb

| Results of standard analyzes performed with samples | | | | | | | |
|---|------|------|-------|------|-------|------|------|
| Standard | Os | Ir | Ru | Rh | Pt | Pd | Re |
| GP-13 | | 3.10 | 6.56 | 1.15 | 5.88 | 5.56 | 0.32 |
| GP-13 | 3.61 | 3.35 | 7.59 | 1.4 | 7.09 | 5.59 | 0.31 |
| GP-13 | 3.59 | 3.33 | 7.54 | 1.22 | 7.14 | 5.96 | 0.32 |
| GP-13 | 4.17 | 3.11 | 6.64 | 1.15 | 6.27 | 5.78 | 0.33 |
| Average | 3.79 | 3.22 | 7.08 | 1.23 | 6.59 | 5.72 | 0.32 |
| GP-13 (references) | 3.87 | 3.56 | 6.97 | 1.25 | 7 | 5.64 | 0.33 |
| Sample | Os | Ir | Ru | Rh | Pt | Pd | Re |
| Uv-36/11 | 0.19 | 0.14 | 1.61 | 0.07 | 0.26 | 0.87 | 0.04 |
| Uv-38/11 | 4.12 | 2.36 | 5.68 | 0.75 | 0.93 | 2.34 | 0.26 |
| Uv-122/11 | 8.56 | 5.13 | 14.78 | 1.49 | 11.05 | 3.35 | 0.06 |
| Uv-155/11 | 3.79 | 2.72 | 3.63 | 0.16 | 5.97 | 1.62 | 0.24 |
| Uv-538/10 | 1.83 | 1.27 | 4.50 | 0.31 | 0.75 | 2.67 | 0.01 |
| Uv-58/11 | 3.86 | 2.64 | 4.46 | 0.28 | 5.84 | 1.27 | 0.01 |
| Average | 3.73 | 2.38 | 5.78 | 0.51 | 4.13 | 2.02 | 0.10 |
| Standart deviation | 2.81 | 1.67 | 4.61 | 0.53 | 4.26 | 0.93 | 0.11 |

| Pt/Ir | Pd/Ir | Os/Ir | Pt/Pd | Pd/Pt |
|--------------|--------------|--------------|--------------|--------------|
| 2.2 | 1.9 | 1.1 | 1.2 | 0.9 |
| 1.8 | 1.3 | 0.9 | 1.4 | 0.7 |
| 1.6 | 0.7 | 0.9 | 2.2 | 0.5 |
| 1.3 | 0.3 | 0.9 | 4.2 | 0.2 |
| 1.3 | 0.0 | 0.6 | 55.9 | 0.0 |
| 1.0 | 0.3 | 1.0 | 3.1 | 0.3 |
| 0.8 | 0.0 | 1.0 | 37.6 | 0.0 |
| 1.4 | 0.5 | 1.0 | 3.1 | 0.3 |
| 1.3 | 0.2 | 1.0 | 5.5 | 0.2 |
| 0.9 | 0.5 | 0.9 | 1.8 | 0.6 |

| Pt/Ir | Pd/Ir | Os/Ir | Pt/Pd | Pd/Pt |
|--------------|--------------|--------------|--------------|--------------|
| 1.9 | 6.4 | 1.4 | 0.3 | 3.4 |
| 0.4 | 1.0 | 1.8 | 0.4 | 2.5 |
| 2.2 | 0.7 | 1.7 | 3.3 | 0.3 |
| 2.2 | 0.6 | 1.4 | 3.7 | 0.3 |
| 0.6 | 2.1 | 1.4 | 0.3 | 3.6 |
| 2.2 | 0.5 | 1.5 | 4.6 | 0.2 |

| Mineral, sample | Os | Ir | Ru | Rh | Pt | Pd | Re | Pt/Ir |
|------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|--------------|
| Ol Uv-27/01 | 2.35 | 0.16 | 0.26 | 0.09 | 0.63 | 0.24 | 0.32 | 3.9 |
| Sul Uv-27/01 | | 249 | 476 | 65 | 423 | 213 | 156 | 1.7 |

| Pd/Ir | Os/Ir | Pt/Pd | Pd/Pt |
|--------------|--------------|--------------|--------------|
| 1.5 | 14.5 | 2.7 | 0.4 |
| 0.9 | 0.0 | 2.0 | 0.5 |