

IRMA - GSPN-2, Manganerz

Veranstalter: Institute of Rock and Mineral Analysis (IRMA) of the Chinese Academy of Geological Sciences

Ringversuchsmaterial: GSPN-2 (marines Sediment, Manganerz)

RV geschlossen: 1995 – 11

Literatur: GEOSTANDARDS NEWSLETTERS, Vol. 19, No. 2, 1995, GEOSTANDARDS NEWSLETTERS, Vol. 22, No. 1, 1998

Hauptelemente [MA%]

| | CRB | RV | 1sRV | Z-Score |
|------------------------------------|-------|-------|-------|---------|
| Na ₂ O | 3,10 | 2,52 | 0,303 | |
| MgO | 2,90 | 3,01 | 0,12 | |
| Al ₂ O ₃ | 5,37 | 5,09 | 0,28 | |
| SiO ₂ | 16,02 | 15,05 | 0,73 | |
| P ₂ O ₅ | 0,49 | 0,57 | 0,06 | |
| SO ₃ | 0,33 | 0,3 | 0,08 | |
| K ₂ O | 1,10 | 1,05 | 0,07 | |
| CaO | 2,89 | 2,86 | 0,18 | |
| TiO ₂ | 1,54 | 1,32 | 0,07 | |
| Fe ₂ O ₃ tot | 10,42 | 10,49 | 0,59 | |
| MnO | 23,3 | 24,29 | 0,77 | |

Spurenelemente [µg/g]

| | CRB | RV | 1sRV | Z-Score |
|----|------|-------|------|---------|
| As | 73 | 99 | 33 | |
| Ba | 1900 | 1800 | 200 | |
| Cd | 12 | 10 | 2 | |
| Ce | 583 | 622 | 65 | |
| Cl | 7700 | 7100 | 900 | |
| Co | 2600 | 2800 | 160 | |
| Cr | 10 | 20 | | |
| Cu | 6000 | 6700 | 400 | |
| La | 220 | 184 | 23 | |
| Mo | 480 | 485 | 22 | |
| Nb | 54 | 47 | 9 | |
| Ni | 9600 | 10200 | 800 | |
| Pb | 687 | 709 | 63 | |
| Rb | 6 | 16 | 2 | |
| Sr | 823 | 853 | 95 | |
| V | 547 | 452 | 37 | |
| Zn | 850 | 910 | 150 | |
| Zr | 647 | 612 | 69 | |

Legende

CRB: Ergebnisse CRB – **RV:** Ergebnisse Ringversuch -- **1s-RV:** Standardabweichung Ringversuch

Z-Score: Differenz des Messwertes vom Mittelwert des Ringversuchs -- * Wert nicht zertifiziert