

INDEKS POJMOVA

A

„A-a” tokovi, 557, 561, 562

Ab-An-Or dijagram, 615

abisalni plutoni, 501

accretionary wedge, 265, 771

adamelit, 592

adhezija, 221

adijabatska dekompresija, 244, 309,
750, 807, 977

adijabatski sistem, 412

advekcija, 193

adinol, 725

adkumulati, 435, 436, 472

afanatična, 477

AFC, 381, 385, 427, 444, 450, 755,
761, 769, 905, 945

afel, 79

afiritska struktura, 474

AFM dijagrami, 609, 715

afrikandit, 951

agpait, 592

ahondriti, 137, 138, 139

akrecija, 90

akrecione kugle lave, 563

akrecioni lapili, 527, 531

akreciona prizma, 274

akcesorni minerali, 336, 401, 449, 630,
638, 648, 656

aktivan rifting, 259, 767

aktivan vulkan, 538

aktivna kontinentalna margina, 272,
278, 908

Albert Ajnštajn, 27, 28, 29

Albioriks, 118

albitski graniti, 916

Aleksandar Fridman, 29

Alfa Kentauri, 54, 55

alfa raspadanje, 353

aljaskit, 592

alkalni feldspat trahit, 595

alkalijske, 224, 313, 370, 373, 380, 452,
454, 460, 608, 609, 698, 699, 755, 964,
991, 993

alkalne stene, 290, 451, 585, 597, 606,
623, 705, 761, 862, 863, 868, 900, 943,
944, 945, 946, 947, 952, 953, 954, 955,
971, 972, 973, 976, 977, 979, 983, 984,
988, 995, 955

alkalni bazalti, 258, 614, 650, 660, 621,
700, 702, 712, 713, 715, 727, 741, 743,
744, 745, 746, 753, 756, 780, 794, 893,
915, 946, 980, 983

alkalni feldspat granit, 592

alkalni feldspat nefelinsijenit, 592

alkalni feldspat-foidit, 596

alkalni granit, 592, 871, 900

alkalni riolit, 594, 769

alkalni sijenit, 900

alkalni trahit, 595

alotriomorfni, 459, 462, 466, 641, 819

alotriomorfno zrnasta, 466

Alpska orogeneza, 644

alpski orogeni pojasevi, 644

alteracija, 204, 296, 333, 348, 398, 481,
623, 627, 656, 709, 710, 735, 801, 938

alvikit, 952, 986

Amaltea, 111

Amaltea Gosamer, 111

amfiboli, 163, 212, 264, 306, 307, 315,
330, 336, 342, 343, 344, 392, 416, 426,
472, 492, 580, 601, 602, 605, 614, 671,
694, 725, 761, 775, 776, 862, 871, 885,
943, 944, 945, 950, 958

amfiboliti, 210, 214, 315, 646, 905

- amigdale, 489, 710
aminokiselinska racemizacija, 408
amonijak, 66, 110, 111, 116, 122, 123, 127, 128, 216, 224
Amori, 104
analcim, 590, 606, 649, 671, 957, 962
analcim gabro, 592, 669
analcimit, 597
analcimski fonolit, 596
anateksis, 308, 309, 445, 804, 805, 806, 807, 809, 810, 812, 830, 913, 919
andaluzit, 414, 605, 885
andezit, 97, 176, 197, 210, 213, 268, 276, 277, 311, 315, 322, 372, 379, 420, 433, 451, 477, 478, 489, 505, 513, 518, 520, 522, 529, 532, 537, 542, 544, 546, 550, 562, 567, 571, 577, 588, 596, 602, 610, 618, 699, 700, 712, 716, 744, 770, 775, 776, 777, 779, 780, 783, 788, 789, 791, 794, 802, 803, 805, 808, 817, 818, 828, 830, 831, 832, 833, 838, 897, 902, 903, 905, 906, 909, 915, 924, 925, 926, 927, 928, 929, 936, 939, 941, 943
andezit-bazalti, 712, 794, 796, 830, 909
Andi, 272, 275, 276, 315, 542, 577, 803, 808, 830, 834, 902, 908, 921
Andrej Mohorovičić, 204, 505
Andromeda, 39
anhidrit, 328, 329, 443
anizotropne tekture, 491, 492
ankaramit, 713, 983
ankerit, 638, 656, 985, 986, 993
anklave, 452, 493, 494, 509, 703, 770, 821, 822, 899, 900
anorogeni, 213, 808, 895, 900, 903, 916, 919, 976
anorogeni granitoidi, 682, 916, 919
anortit, 242, 413, 426, 428, 438, 606, 616, 625, 630, 631, 634, 635, 666, 669, 678, 680, 681, 683, 684, 685, 705, 716, 777, 889, 925
anortoziti, 449, 674, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 824, 871,
antičestica, 32, 33, 34
antielektron, 33
antimaterija, 33, 34
antineutron, 33
antipertit, 471, 821, 871, 950
antiproton, 33
aplit, 508, 510, 511, 585, 587, 844, 849, 855, 874, 875
Apolo, 687
Apolon, 104
apsolutna starost stena, 355
apsorpcija, 51, 53, 362, 419, 453
Ar-Ar, 398, 407, 409
argon, 51, 82, 99, 217, 363, 398, 659
arealne erupcije, 521
arheanski zeleni pojasevi, 645
Arijel, 123, 124
Aristarh sa Samosa, 59
Aristotel, 295
Artur Edington, 29
Asaf Hol, 97
aseizmički grebeni, 252
ash tefra, 531
ašistne žične stene, 584
astenosfera, 156, 178, 200, 237, 254, 751, 773, 981, 992
asteroidi, 60, 65, 92, 97, 102, 103, 104, 105, 106, 132, 135, 142
asteroidni pojas, 66, 74, 91, 102, 103, 105
astronomska jedinica, 67, 102
A-tip graniti, 900
Atlantski rift, 240, 242, 739
Atlas, 117, 118
atmofilni elementi, 337
atmosfera, 25, 53, 69, 79, 82, 83, 94, 98, 99, 100, 106, 111, 112, 123, 127, 128, 130, 215, 216, 217, 219, 222, 315, 388, 637
atmosferski pritisak, 83, 100, 112, 217
-

atom, 27, 30, 32, 33, 34, 35, 36, 37, 44,
45, 47, 51, 63, 68, 89, 155, 178, 191,
192, 219, 220, 222, 224, 318, 338, 339,
350, 355, 358, 360, 362, 363, 392, 396,
408, 415, 419, 431, 458, 468, 597, 937
atomska apsorpciona spektrofotometri-
ja, 362
augitska mineta, 862
autigeni mineral, 407
autometamorfoza, 333, 441
azot, 68, 82, 92, 95, 99, 117, 130, 137,
140, 159, 217, 220, 223, 224, 337, 389,
391, 536, 787

B

BABI, 393
back arc, 185, 271, 272, 642, 676, 768,
772
back arc basins, 270, 789
bakar, 148, 149, 307, 333, 441, 449,
569, 724, 735
balistički fragment, 531
baloniranje, 505, 507, 812
barion, 33
base surge, 531
basen Helas, 98
basen Kaloris, 77
basen Rahmanjinov, 77
baseni iza luka, 270, 271, 790
baseni iza luka, BAB, 789
batolit, 503, 508, 509, 584, 610, 677,
682, 716, 771, 808, 812, 813, 852, 875,
894, 901, 905, 908, 909, 914, 931
batolit Koastal, 276
bastit, 637
bazalti basena iza lukova, 791, 792
bazalti Havajskih okeanskih ostrva,
742
bazalti okeanskih ostrva, 167, 378,
391, 730, 736, 740, 741, 742, 744, 746,
748, 749, 766
bazalti ostrvskih lukova, 388, 771, 777,

778, 781, 784, 927
bazalti srednjeokeanskih grebena, 340,
377, 379, 385, 703, 717
bazaltna lava, 242, 417, 517, 533, 535,
539, 557, 566
bazaltna stakla, 722
bazaltni komatiti, 651, 728
bazanit, 181, 260, 596, 634, 713, 715,
741, 744, 752, 760, 761, 768, 955, 956,
977, 978, 983
bazanitni nefelinit, 597
bazanitski foidit, 597
bazične intruzije, 427, 428, 452, 673,
677, 725
bazične magmatske stene, 604
bazične magme, 317, 320, 371, 427,
428, 444, 454, 509, 571, 685, 696, 807,
809, 937
beforsit, 986
beli patuljak, 50, 73
Belinda, 123
beril, 326, 440, 586, 844, 855, 876,
877, 856
Bernard Brunes, 161
Bertil Lindblad, 28
beta raspadanje, 354
Betelgez, 53
big beng, 27
bimodalni magmatizam, 260, 753, 762,
770, 901
bimodalni vulkanizam, 447, 977
bimštajn, 879
biostratigrafske korelacije, 359
biotit peridotit, 659
Bjanka, 123
black smokers, 208, 248, 735
blackwall, 641
blatni vulkan, 571
boca sa vodom, 300
bočica sa kiselinom, 300
bočno kretanje, 240
bojeni minerali, 315, 335, 519, 591,

605, 613, 680, 681, 690, 741, 823, 831,
832, 838, 840, 844, 862, 865, 880
Bokova nebula, 44
boninit, 607, 652, 686, 777, 780, 789,
791, 793, 796, 832, 833, 891, 926, 927,
928
Bouenova šema, 426, 803
bozon, 33
BSE, 748, 755
brdoviti vulkani, 542
brežuljak, 558
bronzititi, 648
brzina rasta kristala, 324, 416, 459
brzina širenja ploča, 235
brzošireći riftovi, 245, 246
Bušveld, 448, 636, 671, 673, 676, 677,
678, 686

C

Ca perovskit, 162, 168
cijanobakterija, 216, 225, 226
Ceres, 53, 103, 130, 131
centralna vulkanska zona (CVZ), 909
centralne erupcije, 520
CFB, 257, 738, 753, 754, 755, 756,
761, 762, 763, 764, 766, 767, 768
cinder cone, 540, 542
cink, 248, 306, 307, 333, 441, 569,
573, 577, 724, 726, 735, 830, 831, 833,
846
CIPW, 596, 605, 608, 613, 614, 616,
714, 922
cirkon, 212, 303, 306, 336, 342, 344,
346, 347, 357, 381, 401, 402, 404, 406,
409, 410, 424, 425, 449, 460, 465, 580,
590, 592, 641, 656, 670, 781, 810, 811,
818, 824, 834, 841, 853, 858, 860, 863,
871, 879, 881, 882, 886, 995
chilled margins, 514, 690
CMAS, 616, 716, 717
coisit, 163, 333, 723, 724, 725, 727
COMAGMAT, 385

convection current, 236
COSPEC merenje, 538
crescumulate, 435, 473
crna rupa, 38, 41, 50
crni dimnjaci, 208, 227, 248, 249, 250,
333, 567, 719, 725, 735
crni pušaći, 248
crni zidovi, 641
Crvena planeta, 96, 99, 100, 101
Crveno more, 252, 259, 261, 279, 291,
757, 758, 977
CRZ, 753, 756, 768, 769, 770
Cynognathus, 233

Č

čarnokiti, 589, 599, 683, 816, 871, 919
čekić, 297, 298, 302, 303, 581, 867

Ć

ćerka izotop, 150, 354, 355

D

dacit, 210, 213, 277, 315, 322, 371,
433, 451, 505, 517, 518, 520, 522, 529,
535, 542, 544, 546, 550, 562, 571, 594,
602, 610, 618, 716, 744, 770, 775, 776,
777, 779, 780, 789, 796, 802, 803, 805,
817, 830, 831, 838, 897, 902, 903, 905,
906, 909, 912, 924, 925, 926, 936, 943
dacito-andezit, 830, 838
dajk, 206, 248, 277, 360, 407, 423,
428, 432, 437, 439, 463, 491, 492, 503,
504, 505, 506, 509, 510, 511, 512, 513,
514, 515, 520, 521, 547, 558, 572, 584,
597, 636, 641, 643, 649, 654, 657, 660,
662, 664, 671, 674, 675, 676, 682, 684,
687, 688, 690, 691, 695, 712, 743, 758,
810, 812, 909, 914, 937, 943, 945, 963,
965, 966, 967, 987
Danijel Kirkvud, 105
delta lave, 555, 556
Demokrit, 40

- Doplerov efekat, 28
Džon Arčibald Viler, 50
Džordž Gamov, 30
dijamant, 127, 180, 181, 313, 387, 494, 515, 577, 631, 652, 653, 654, 655, 656, 657, 658, 659, 660, 943, 963, 964, 974, 994
dijapiri, 172, 316, 481, 506, 507, 533, 638, 698, 700, 721, 750, 759, 791, 810, 812, 945, 977
dijapirizam, 316, 506, 759, 791, 810, 812
dijapirska dekompresija, 810
diskontinuitet na 350 km, 178
diskontinuitet na 400 km, 178
diskontinuitet na 500 do 550 km, 178
diskontinuitet na 660 km, 165, 166, 168, 171, 179
DM, 187, 190, 681, 749, 755, 981, 988
DMM, 406
DNK, 224, 336
dubina kompenzacije, 201
dvoslojni model konvekcije, 166
Džozef Larmor, 155
destruktivne granice ploča, 264
Dietz, 235
dijapirsko uzdizanje, 259, 812
divergentne granice, 240, 258, 295
Dejmos, 97
Delta Orionis, 68
depresija Borealis, 98
Dezdemon, 123
Diona, 118
Dolina Marinera, 98
dendrohronologija, 408
depleted, 187, 406, 681, 700, 702
desmozit, 725
deuterijum, 350, 352
devitrifikacija, 481, 707, 939
diferencijacija, 91, 138, 210, 317, 367, 392, 420, 421, 422, 423, 437, 438, 439, 440, 448, 450, 535, 656, 671, 696, 809, 896, 906, 944, diferencijacija gasnim transportom, 421, 439
diferencijacija magme, 420, 440, 448, 450, 674
diferencijacija tečenjem, 421, 437
diferencijacija termodifuzijom, 421, 439
diferencijacija usled istiskivanja ostatka rastopa, 421
diferencijacija usled mešanja magmi, 421
diferencijacija usled ograničene mogućnosti mešanja, 421
difuzija, 304, 319, 430, 436, 453, 459, 472, 482
dijabaz, 206, 248, 275, 285, 314, 470, 473, 490, 513, 514, 582, 597, 599, 641, 643, 645, 688, 689, 690, 691, dijabazporfiriti, 690
dijalagiti, 648
dijašistne žične, 585
dijatreme, 515, 654, 662, 987
diktafon, 299
Dinaridski ofiolitski pojas, 644
diopsid, 415, 597, 605, 616, 626, 633, 641, 642, 652, 653, 654, 655, 656, 657, 660, 664, 685, 704, 716, 896, 948, 962, 965
diorit, 206, 210, 213, 268, 278, 315, 433, 444, 449, 466, 588, 592, 602, 641, 666, 668, 669, 677, 683, 684, 796, 814, 815, 816, 824, 825, 826, 827, 828, 833, 848, 875, 897, 905, 906, 909
dioritgastro, 815
dioritporfirit, 510, 826
dioritska grupa, 823, 824
diskontinuirani niz, 425
diskordantna magmatska tela, 500, 511
diskriminacioni dijagrami, 366, 374, 382, 732, 800, 934
disten, 586, 899
-

dolerit, 470, 597, 599, 654, 664, 666,
671, 675, 676, 688
dolina deset hiljada dimova, 307, 333
dolomitski karbonatiti, 986
donja granica detekcije, 361
dovodni dajkovi, 513, 514, 521
draperija lave, 551
drvo lave, 557
dubinske stene, 502, 584, 590, 824,
834, 841, 847, 852, 860, 869
dunit, 181, 185, 624, 625, 630, 634,
636, 643, 652, 659, 699, 700, 743, 744,
983
dvokomponentni dijagrami, 366, 367

Đ

Đovani Domeniko, 117

E

Edvin Pauer Habl, 27, 28, 29, 38
elektromagnetna sila, 33, 152
elektron, 31, 33, 35, 37, 71, 111, 155,
160, 192, 224, 225, 338, 350, 354, 396,
402, 408, 409
Endrju Makelar, 36
egzosfera, 219
EM, 188, 748, 755, 981
EM1, 187, 188, 189, 748
EM2, 187, 188, 748
embrioni, 81, 90, 415, 417
Encelad, 118
Epimetej, 118
Erijapo, 118
Eris, 59, 130, 131
Eritrejsko more, 96
Evropa, 113, 114
efuzivne, 499, 587
egirin, 606, 761, 884, 948, 949, 950,
952, 989, 934
egzogena mineralizacija, 936
ejecta, 532
eklogit, 205, 210, 214, 267, 275, 626,

643, 646, 652, 655, 658, 660, 695, 702,
703, 747, 767, 774, 806, 904, 905, 906,
964, 974, 990
eksolucija, 471, 626, 635
eksperimentalna petrologija, 306, 431,
658, 696
eksplozivne erupcije, 316, 320, 325,
326, 330, 331, 332, 520, 522, 523, 524,
526, 527, 529, 531, 532, 534, 535, 536,
537, 539, 545, 548, 563, 572, 573, 739,
943
eksplozivne hidrovolkanske erupcije,
532
ekstruzivne stene, 499, 587, 985
ekvigranularna struktura, 465
elektronska mikroanaliza, 364
elementi retkih zemalja, 340, 341, 344,
345, 346, 347, 348, 374, 383, 384, 385,
449, 683, 995
EMI, 406, 988
EMII, 406
emisiona spektrometrija, 362
E-MORB, 377, 729, 730, 731, 733,
739, 745, 762, 764, 782, 790, 799
endogena mineralizacija, 935
enklave, 452, 453, 493, 821
entropija, 318
epidot, 163, 209, 326, 440, 590, 641,
664, 705, 709, 723, 724, 725, 727, 742,
810, 834, 840, 841, 866, 876, 880, 881,
815, 917, 939
epizonalne, 501
erupcija, 22, 92, 99, 114, 181, 195,
209, 216, 222, 238, 295, 307, 321, 324,
326, 332, 440, 445, 488, 511, 516, 517,
518, 519, 520, 521, 522, 523, 524, 527,
528, 529, 530, 531, 532, 534, 535, 536,
537, 538, 539, 540, 541, 542, 544, 545,
547, 548, 549, 551, 552, 553, 571, 573,
574, 575, 655, 659, 709, 714, 739, 744,
757, 771, 776, 808, 905, 906, 925, 941,
943, 993

erupcijski oblak, 528
ešalon i paralelni dajkovi, 514
eseksit, 592, 669, 949
Estwing, 298
etmoliti, 515
Etna, 523, 524, 984
Eu anomalija, 346, 384, 681, 683, 704, 732, 747
euhedralni, 459, 461, 462, 466, 658, 680, 683, 705, 818, 819, 885
eutektička tačka, 438, 470, 674, 689

F

foton, 31, 33, 35, 36, 68, 69
Fred Hojl, 27
fuzija, 45, 47, 48, 50, 51, 63, 65, 67, 68, 69, 72, 73, 89, 460
feromagnetizam, 155
fertilni minerali, 196
flogopit, 181, 267, 597, 604, 606, 625, 633, 636, 652, 653, 654, 655, 656, 657, 658, 659, 660, 694, 702, 744, 809, 944, 945, 962, 963, 965, 966, 968, 969, 970, 973, 975, 976, 990, 994,
fotosinteza, 225, 226, 229
F. B. Tejlor, 235
Farska ostrva, 252
fliš, 272, 274, 843
fore arc basin, 271
frakciona kristalizacija, 275, 357, 367, 370, 371, 372, 382, 385, 421, 422, 424, 427, 430, 444, 445, 450, 451, 452, 721, 732, 743, 744, 747, 768, 770, 774, 916, 944, 973, 993
Frederik Vajn, 287
front arc, 272
Feba, 118
Ferdinand, 42, 124
Fobos, 97, 132
Fotosfera, 69
Francisko, 124, 284
frost line, 89

fajalit, 338, 761, 871, 885, 919
fakolit, 509
FAMOUS, 208, 246, 719
feeder dykes, 513, 520
Fe-indeks, 762, 901
feldspat peridotit, 204, 285, 625, 630, 634, 636, 666, 676, 677
feldspatoid diorit, 592, 669
feldspatoid gabro, 592, 669
feldspatoid moncodiorit, 592
feldspatoid moncogabro, 669
feldspatoid moncosijenit, 592
feldspatoidski tefrit, 597
felzitske stene, 506, 582, 588, 593, 946
femski, 426, 437, 581, 582, 585, 587, 588, 589, 590, 591, 593, 624, 669, 673, 678, 686, 727, 770
femski minerali, 590, 624
fenit, 960, 989, 991, 993, 994
fenitizacija, 989, 993, 994
fergusit, 950
feroan graniti, 877, 901
ferokarbonatiti, 986
Fe-Ti oksidi, 416, 465, 466, 580, 705
filter pressing, 422
fissure volcanoes, 545
flomaster, 297, 299
flood basalts, 521
flotacija, 423, 424, 432, 447
fluidalna tekstura, 492
fluidna faza, 267, 307, 440, 596, 774
fluor, 319, 329, 330, 361, 443, 536, 601, 876, 877, 935
foid gabro, 592
foid moncodiorit, 592, 947
foid moncogabro, 592
foidit, 593, 596, 597, 955, 969, 970
foidolit, 593
fonobasanit, 596
fonolit, 258, 260, 596, 740, 741, 760, 761, 762, 769, 867, 868, 884, 943, 946, 954, 958, 959, 977, 978, 982, 983, 987,

989, 993
fonolitski bazanit, 596
fonolitski nefelinit, 596
fonolitski tefrit, 596
fonotefrit, 596
fontane lave, 551, 555
forearc, 692
foto-aparat, 297, 298
FOZO, 406, 748
freatske erupcije, 533, 539, 544
fuksit, 638, 639
fumarola, 307, 333, 334, 537, 538, 574, 569

G

galaksija, 17, 25, 26, 28, 29, 31, 34, 36, 37, 38, 39, 40, 41, 43, 50, 54, 55, 56, 59, 223
Galileo Galilej, 40, 85, 101, 113
gluon, 33, 35
gravitaciona sila, 33, 45, 65
gvožđe, 48, 51, 63, 76, 79, 89, 91, 92, 97, 106, 148, 150, 152, 155, 170, 171, 172, 182, 224, 335, 368, 447, 448, 449, 450, 566, 581, 606, 624, 663, 673, 683, 712, 727, 735, 741, 778, 791, 874, 885, 901, 986
geotermalni gradijent, 190, 194, 195, 275, 308, 309, 428, 439, 501, 682, 698, 709, 774, 775, 806, 964, 991
glimeriti, 181
gnajs granitski pojasevi, 214
gradijent pritiska, 191, 674
gradijent toplote, 191
granat peridotiti, 182
granatski lerzolit, 181, 659
gvozdeni meteoriti, 139, 140
Glossopteris, 233
Gondvana, 233, 513, 682, 756
graben Rajne, 260
G2, 68
gabroanortozit, 61

Ganimed, 113
gasovite planete, 65, 75, 89, 94, 107, 108, 109, 110, 111, 141
Glavni prsten, 111
grudve, 89, 563
gabro, 204, 205, 206, 237, 242, 268, 275, 276, 285, 314, 322, 335, 360, 428, 433, 448, 449, 454, 463, 464, 466, 467, 470, 471, 493, 503, 514, 582, 588, 590, 592, 598, 604, 630, 631, 634, 640, 641, 643, 645, 654, 663, 664, 666, 668, 669, 670, 671, 672, 675, 676, 677, 688, 690, 691, 692, 696, 719, 721, 744, 756, 815, 824, 825, 906, 908, 949, 950, 959
gabro magme, 448, 449, 631
gabropegmatit, 449, 674, 692
gabropirfirit, 692
Galapagos, 208, 245, 248, 284, 541, 548, 729, 735, 738
gama zračenje, 34, 354
Garmin, 299
gasovite erupcije, 216, 521, 534, 535, 536
gejzir, 99, 307, 333, 570
geode, 441, 491
geohronologija, 357
geološke karte, 297, 300
geološki termometri, 321
geotermalni rezervoari, 333
Gibsovo pravilo faza, 411, 414
glaukonit, 407
glavni elementi, 334, 336, 340, 361, 362, 455, 601, 617, 791, 922
glavni oksidi, 334, 335
globule, 656, 770
gnajsevi, 62, 212, 315, 404, 511, 652, 755, 873, 905, 920
Goldšmitova klasifikacija, 148
GPS uređaj, 296, 297, 299, 302
grafit, 139, 363, 387, 631, 655, 658, 882, 468
grajzeni, 877, 878

granat, 168, 178, 181, 182, 264, 303, 312, 325, 340, 346, 379, 381, 385, 440, 462, 586, 590, 593, 605, 624, 626, 630, 631, 633, 634, 636, 640, 641, 642, 650, 651, 652, 656, 658, 659, 684, 685, 694, 695, 698, 702, 703, 744, 746, 747, 782, 805, 810, 822, 830, 837, 844, 876, 877, 885, 899, 943, 945, 948, 973, 974, 978, 984
granat klinopiroksenit, 695, 702
granatski pirokseniti, 743, 744
granica detekcije, 361, 363
granitoidi unutar kontinentalnih ploča (WPG), 933
granitoidi vulkanskog luka, VAG, 374, 933
granitporfir, 584, 862, 873
granitska grupa, 823, 869
granitska magma, 315
granitski grus, 872
granodiorit, 209, 210, 213, 276, 277, 278, 424, 466, 467, 485, 486, 487, 493, 496, 585, 586, 587, 592, 602, 615, 616, 622, 806, 613, 814, 815, 816, 822, 825, 834, 837, 841, 842, 843, 844, 845, 846, 857, 858, 861, 873, 874, 896, 899, 903, 905, 906, 909, 920,
granodioritporfirit, 843
granodioritska grupa, 823, 841
granofirska struktura, 468
gravitaciona kristalizacija, 304, 422
gravitaciona kristalizaciona diferencijacija, 421, 422, 423
greenschist belts, 726
gustina, 30, 31, 35, 48, 53, 63, 68, 82, 90, 92, 99, 102, 110, 123, 179, 182, 191, 206, 212, 220, 224, 236, 317, 323, 370, 417, 423, 430, 493, 503, 505, 530, 535, 672, 698, 906

H

Harlou Šejpli, 41

helijum, 26, 35, 36, 37, 38, 41, 44, 45, 47, 48, 50, 51, 52, 63, 66, 67, 68, 69, 73, 74, 75, 78, 82, 89, 90, 108, 110, 111, 116, 117, 123, 127, 167, 188, 189, 216, 217, 220, 353, 410, 749
hrom, 51, 333, 448, 449, 509, 639, 645, 677, 744, 745, 995
hromit, 137, 139, 185, 423, 448, 492, 580, 624, 627, 629, 630, 635, 636, 638, 638, 644, 645, 648, 650, 654, 655, 656, 673, 677, 705, 791, 963
halkofilni elementi, 148
harcburgiti, 181, 185, 248, 624, 625, 626, 630, 631, 634, 643, 644, 650, 651, 652, 655, 658, 660, 694, 699, 700, 789, 928, 964, 973, 975
heat flow, 191
hidrostatički pritisak, 191
HIMU, 187, 188, 190, 406, 747, 755, 981, 988, 991
homosfera, 220
hondriti, 137, 138, 180, 186, 376, 380
hot spots, 174, 290, 700
Hari Hes, 235
Havajski lanac, 258, 739
Hes, 208, 235
hidrotermalni rastvori, 278, 306, 333, 352, 357, 433, 441, 449, 569, 641, 735, 805, 831, 935, 936
hidrotermalni sistemi, 227, 248, 569
high heat flow, 257, 271, 738
Himalaji, 210, 263, 282, 285, 291, 808, 914, 921
himalajski planinski lanac, 280, 282
horizontalno kretanje, 284, 530
Hugo Beniof, 264
Hadean Era, 91
Haumea, 59, 130
Helena, 118
Heliosfera, 142, 143
Heterogeni model, 91
hidrogenska bomba, 65

Hiperion, 118
Hobo, 140, 141
homogeni model, 90
hondrule, 137, 138
hromosfera, 68, 69
halkopirit, 448, 449, 936
Harkerovi dijagrami, 366, 368, 370, 779
heavy rare earth elements, 312, 345
hemostratigrafija, 410
Herkulanum, 516, 534, 535, 536
heterogena nukleacija, 415, 457
HFS, 312, 342, 348, 378, 379, 381, 641, 660, 730, 731, 746, 762, 797, 899, 906, 919, 923, 924, 926, 927
HFSE, 440, 926
Hf-V, 405
hidrotermalna faza, 324
hidrotermalni metamorfizam, 709, 725
hidrovulkanske erupcije, 532, 533
hijaloandezit, 597
hijaloklastit, 565, 566
hijaloriolit, 597
hiperit, 670
hipersolvus, 820, 901
hipidiomorfni, 459, 462, 466, 641, 680, 683
hipidiomorfno zrnasta, 876
hipoabisalne dubinske stene, 584
hipoabisalne intruzije, 502, 660
hipokristalasto porfirska, 476
hlor, 97, 329, 408, 443, 436, 601, 778, 877, 935
holokristalasto porfirska, 475
holomelanokratne, 588, 966
homogena nukleacija, 415, 417, 457
hondritski meteoriti, 138
hornblenditi, 647
hornito, 557, 559
HREE, 312, 345, 346, 385, 656, 732, 747, 905, 917, 927, 929, 979
hrizotil azbest, 629

hummock, 558
hvatanje elektrona, 354

I

Imanuel Kant, 41
inflacija, 31, 33
Isak Njutn, 27, 142
izotop, 51, 93, 150, 167, 178, 181, 186, 187, 188, 189, 192, 195, 204, 213, 261, 296, 315, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 363, 364, 365, 366, 369, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 398, 399, 400, 402, 403, 404, 405, 406, 408, 421, 444, 451, 455, 600, 636, 657, 681, 683, 685, 700, 702, 712, 717, 720, 728, 733, 734, 743, 744, 747, 748, 749, 750, 751, 752, 755, 761, 763, 764, 766, 767, 769, 770, 773, 784, 785, 786, 787, 788, 792, 793, 795, 796, 803, 804, 807, 808, 810, 811, 814, 883, 896, 898, 900, 905, 906, 912, 917, 920, 928, 929, 930, 931, 945, 972, 974, 975, 979, 980, 981, 982, 983, 988, 989
Inga Leman, 151
izostazija, 201, 202, 205, 502, 806
izotopi helijuma, 189, 749
Istočnoafrički kontinentalni riftni sistem, 252
Istočnoafrički rift, 173, 238, 258, 259, 261, 285, 291, 572, 752, 756, 757, 760, 807, 900, 976, 977
Idžirak, 118
Imir, 118
Io, 113, 516
Irben Levrije, 126
I graniti, 896, 900
idiomorfni, 459, 461, 462, 465, 466, 467, 474, 493, 626, 658, 680, 683, 692, 818, 852, 873, 885
igneous rocks, 499
ijolit, 593, 948, 950, 952, 958, 960, 989

- ilmenit, 181, 287, 325, 335, 342, 343, 352, 368, 381, 410, 449, 459, 470, 580, 592, 654, 655, 656, 666, 677, 680, 690, 702, 705, 722, 724, 778, 791, 871, 881, 882, 899, 963, 973
ilmenitska serija, 882
imobilni elementi, 381, 320, 782
impakt metamorfizam, 597
in situ kristalizacija, 421
in situ stapanje, 804
indeks alkalnosti, 886
indeks eksplozivnosti, 524
indeks vulkanske eksplozivnosti, ili VEI, 536
indeks zasićenja aluminijumom, 885
induktivno spregnuta plazma-masena spektrometrija, 363
inkluzije, 137, 139, 181, 333, 428, 441, 462, 631, 660, 662, 703, 705, 777, 880, 945, 964, 995
inkompatibilni elementi, 196, 340, 344, 348, 369, 374, 440, 731, 733, 745, 796
intersertalna struktura, 470
intruzivna tela, 407, 501, 508, 675, 855, 875
intruzivne stene, 276, 290, 465, 594, 756, 883, 954
intruzivne kimberlitske breče, 657
Island, 167, 175, 247, 257, 270, 391, 433, 446, 447, 518, 525, 526, 532, 535, 539, 541, 570, 571, 709, 727, 738, 739, 790, 799, 884, 983
ispucala (engl. breadcrust) bomba, 532, 564
istiskivanje ostatka rastopa, 438, 439
IUGS, 588, 589, 590, 591, 594, 596, 598, 599, 605, 625, 650, 666, 669, 712, 802, 817, 917, 925, 925, 947, 951, 967, 969, 970, 971, 985
izdanak, 22, 297, 302, 303, 304, 564, 568, 579, 623, 627, 639, 688, 723, 804, 827, 831, 833, 853, 861, 866, 879, 918, 940
izlivne stene, 497, 587, 623, 756, 857, 867
izohrona, 394, 395
izolovani sistem, 412
izotopi Be, 391
izotopi Be i O, 787
izotopi He, 391
izotopi kiseonika, 93, 387, 390, 782, 912, 931
izotopi Pb, 749, 792
izotopi Sr, 394, 395, 400, 405, 792
izotopi Sr u karbonatnim stenama, 395
izotopi Sr–Nd, 792
izotopi ugljenika, 351, 353, 389
izotopi U–Th, 785
izotopska frakcionizacija, 352
izotopska starost, 92, 93, 139, 140, 209, 212, 355, 398, 630, 641, 645
Izotopski sat, 389
izotopsko frakcionisanje, 388
izotopsko praćenje izvora magmi, 405
- J**
Johan Hajnrih Lambert, 41
jastučaste (engl. pillow) lave, 242
jednoslojni model konvekcije, 162
Jeloustoun, 175, 257, 333, 524, 530, 538, 549, 570, 738, 756, 761, 770, 771, 942
jezgro, 21, 45, 47, 48, 51, 67, 68, 73, 76, 78, 84, 90, 91, 92, 93, 94, 97, 106, 107, 110, 115, 116, 117, 122, 127, 130, 134, 140, 147, 148, 150, 151, 152, 153, 154, 156, 157, 158, 160, 162, 168, 171, 173, 179, 196, 263, 265, 270, 354, 405, 457, 767, 771
Jovan Žujović, 229
Johan Beringer, 290
Jan, 142
Janus, 118
Japet, 118

Johan Gotfrid Gale, 126
Johan Kepler, 102
Julija, 123
Jupiter, 59, 65, 73, 75, 91, 94, 96, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 120, 121, 126, 132, 133, 141, 229, 516, 517
Južni kontinent, 84
jezera lave, 551, 553, 554, 696
jonska mikroproba, 364
jonska supstitucija, 338
jonsko naelektrisanje, 392
južna vulkanska zona (SVZ), 909

K

kalcijum, 51, 74, 97, 224, 339, 352, 392, 395, 408, 449, 454, 606, 641, 659, 702, 712, 724, 727, 791, 810, 884, 885, 901, 992
Karl Anderson, 33
kiseonik, 47, 48, 51, 63, 68, 74, 75, 78, 93, 95, 99, 117, 127, 135, 137, 140, 148, 150, 153, 154, 159, 168, 184, 187, 216, 217, 219, 220, 222, 223, 224, 2258, 226, 227, 228, 229, 306, 307, 318, 353, 364, 387, 388, 389, 390, 391, 402, 408, 442, 443, 448, 602, 766, 767, 787, 788, 882, 885, 912, 931, 995
kobalt, 51, 65, 92, 139, 153, 448, 663, 724
kvantni zakon, 33
kvark, 31, 33, 35
kohezija, 221
kondenzacija, 137, 221, 656
kondukcija, 192
Konradov seizmički diskontinuitet, 210
kontinentalna kora, 192, 203, 205, 208, 210, 211, 212, 213, 276, 291, 315, 356, 393, 395, 399, 451, 505, 758, 804, 807, 906, 914, 926, 958, 973, 986
kontinentalna litosfera, 200, 236, 258, 676, 782, 921

konvekcija, 153, 156, 163, 164, 165, 166, 176, 193, 323, 430, 434, 675
konvekcionalna strujanja, 91, 155, 157, 163, 167, 172, 238, 323, 451, 721, 809
kora, 74, 84, 94, 97, 104, 113, 192, 194, 200, 203, 205, 206, 208, 209, 210, 212, 213, 235, 242, 244, 254, 263, 268, 270, 276, 280, 285, 288, 291, 315, 356, 391, 393, 395, 399, 451, 505, 539, 554, 559, 561, 562, 644, 693, 718, 747, 749, 750, 758, 760, 767, 773, 775, 780, 790, 804, 805, 806, 807, 905, 906, 912, 914, 921, 926, 939, 958, 977, 986
kratoni, 194, 214, 215, 309, 653, 660, 682
ksenoliti, 20, 150, 180, 181, 312, 313, 405, 452, 494, 502, 508, 547, 630, 633, 634, 652, 653, 659, 676, 678, 686, 694, 702, 704, 741, 743, 945, 964, 974, 981, 983, 985
kumulatni gabrovi, 643, 690
kumulatni peridotiti, 206, 448, 634, 690
Kilauea, 258, 432, 520, 540, 548, 551, 552, 553, 554, 555, 556, 563, 565, 742, 743, 751
kolizija, 282, 289
kolizijska zona, 915
komatiti, 209, 612, 649, 650, 651, 652, 638, 728, 753
konstruktivne granice ploča, 242
kontinentalna ploča, 238, 276, 929
kontinentalni platoi, 254
kontinentalni rift, 205, 240, 242, 252, 258, 259, 572, 693, 753, 755, 760, 761, 976
konvergentne granice, 240, 261, 263
Kajperov pojas, 125, 129, 141, 142
Kaliban, 124
Kalipso, 118
Kalisto, 113
Kasinijeva pukotina, 117

- Kentauri, 132
Kirkvudove praznine, 105
Kivijuk, 118
komete, 60, 65, 92, 133, 134, 135, 212
kompleks Tarsis, 98
Konfučije, 130
konvektivna zona, 69
Kordelija, 123
korona, 68, 69, 71
Kresida, 123
Kristijan Hajgens, 101, 117
Kumova slama, 59
Kupidon, 123
kalaj, 441, 503, 900
kalcedon, 638
kaldera, 512, 524, 530, 538, 539, 541, 542, 545, 547, 548, 549, 573, 771, 776, 808, 903, 983
kaldere štitastih bazaltnih vulkana, 548
kaldere tipa kratera – jezera, 548
kalijski feldspat, 424
kalk-alkalna serija, 715
kalk-alkalne magme, 328, 442, 774, 776, 796
kalk-alkalne stene, 610, 780, 796, 905
kalk-alkalni indeks, 892, 893
kalk-alkalni lamprofiri (CAL), 968
kalsilit, 970
kamafugit, 945, 962, 969, 970, 977
kanali lave, 552, 553
kapa ili šlem, 300
K-Ar, 394, 396, 397, 398, 407, 409
karbonati, 147, 259, 279, 280, 285, 347, 352, 388, 390, 576, 587, 644, 652, 989, 990, 992
karbonatiti, 259, 321, 328, 441, 447, 589, 597, 599, 654, 753, 761, 948, 958, 960, 968, 977, 978, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994
kaskade lave, 550
katazonalne, 501
katungit, 962, 970
Kd raspodela, 348
kenotipne, 587
keratofir, 597, 726, 833, 840, 865, 866, 867
kersantit, 827, 828
kesa, 299
kimberliti, 178, 180, 328, 346, 441, 515, 633, 634, 649, 652, 653, 654, 655, 656, 657, 658, 659, 660, 662, 679, 694, 753, 761, 762, 770, 964, 965, 967, 972, 973, 974, 990, 992
kimberlitski tufovi i tufobreče, 657
kinetička diferencijacija, 421
kipuka, 554
kisele magmatske stene, 261, 336, 602, 622, 668
kisele magme, 322, 326, 335, 340, 454, 467, 506, 535, 572, 768, 905
klasifikacija IUGS-a, 588, 589, 590, 591, 594, 598, 650, 669, 925, 947, 954, 971
klasifikacija prema tektonskoj sredini stvaranja, 579, 814
klasifikacija vulkana, 519
klinoenstatit, 777
koalescencija, 330
koeficijent raspodele, 339, 341, 348, 704
kolor indeks, 587, 588, 593, 596, 598, 599, 626, 668, 669, 815, 817
komagmatska, 421
kompas, 156, 159, 160, 297, 298, 299
kompatibilni elementi, 196, 340, 342, 343, 344, 346, 348, 374, 381, 450, 697
kompozitni vulkani, 541, 542
koncentrični dajkovi, 512
konkordantna magmatska tela, 509
konkordija, 402, 403
kontaminacija, 315, 348, 365, 372, 382, 400, 652, 696, 743, 755, 756, 770, 774, 787, 788, 803, 906, 925, 930, 934, 944, 973, 974, 979, 984
-

- kontaminacija korom, 770, 943
kontinentalne riftne zone, 757, 967
kontinuirani niz, 426
konus prskanja, 554, 555, 557
konusni dajkovi, 512
konusni tufovi, 545
konusni vulkani, 542
kordijerit, 605, 805, 810, 822, 877, 885, 899
korund, 605, 899
Krakatau, 269, 524, 535, 548, 709
krater, 76, 77, 79, 84, 92, 97, 106, 113, 114, 123, 134, 136, 141, 203, 246, 295, 325, 328, 333, 402, 513, 517, 519, 520, 521, 523, 524, 525, 526, 528, 531, 534, 535, 539, 540, 541, 542, 544, 546, 547, 548, 549, 550, 551, 552, 553, 554, 561, 563, 574, 654, 660, 974
krhotine stakla, 532
kriptodome, 546
kriptokristalasta, 477, 938
kristalizacija, 275, 304, 306, 316, 321, 352, 357, 367, 368, 370, 371, 372, 382, 385, 392, 412, 415, 417, 421, 422, 424, 427, 430, 431, 432, 437, 444, 445, 449, 450, 451, 452, 455, 456, 465, 500, 515, 609, 682, 696, 710, 721, 727, 732, 743, 744, 747, 768, 770, 774, 803, 819, 916, 929, 934, 937, 944, 973, 991, 993
kristalizaciona sposobnost, 419
kristobalit, 582, 587, 590
krustalna kontaminacija, 400
ksenokristali, 419, 452, 454, 474, 653, 655, 659, 741, 963, 964
kugdit, 952
kumulatna struktura, 434, 472
kumulatni feldspat peridotiti, 630, 634
kumululus, 434, 436
kupolasta fontana, 552
kvarc toleiti, 715
kvarcdiorit, 210, 213, 276, 277, 315, 433, 444, 451, 602, 666, 796, 806, 813, 814, 816, 823, 834, 835, 836, 838, 840, 841, 874, 875, 896, 897, 898, 906, 908, 909, 914, 917, 920
kvarcdioritporfirit, 836
kvarcdioritska grupa, 823, 834
kvarckeratofir, 726, 840, 865, 866, 867, 880, 881
kvarclatit, 418, 465, 594, 602, 838, 845, 846, 851, 857, 858, 859, 925, 926
kvarcmonconit, 449, 503, 592, 622, 815, 816, 820, 823, 825, 834, 837, 841, 842, 844, 845, 846, 848, 852, 853, 854, 855, 856, 857, 858, 859, 861, 874, 896, 899, 908
kvarcmonconitporfirit, 854
kvarcmonconitska grupa, 823, 852
kvareni andesit, 817
kvarcporfir, 726, 727, 840, 879, 880
kvarcporfirit, 840
kvarctrahit, 594
kvazari, 30
- L**
lepton, 33
litijum, 35, 36, 877
Lukrecije, 40
Lemanov diskontinuitet, 152, 154
LIL, 187, 196, 343, 348, 378, 379, 380, 381, 440, 641, 660, 730, 731, 745, 762, 797, 900, 917, 923, 984
litofilni elementi, 148, 797
litosfera, 93, 172, 178, 188, 189, 194, 199, 200, 201, 236, 237, 238, 251, 257, 258, 263, 264, 265, 271, 280, 285, 313, 642, 645, 676, 720, 738, 767, 769, 771, 773, 782, 794, 830, 904, 906, 911, 921, 991
litostatički pritisak, 191, 242, 325, 504, 696
Laurazija, 682
Le Pišon, 236
linearna magnetna anomalija, 244, 287

- Lorens Morli, 287
Lystrosaurus, 233
linija mraza, 89, 107
labrador, 416, 596, 664, 677, 683, 688, 692, 705, 740, 818, 919
labradorizacija, 666, 683
lahari, 524, 525, 526, 535, 536
laki elementi retkih zemalja, 345, 385
lako isparljiva komponenta, 307, 325, 488, 586, 587, 778
lakolit, 316, 427, 504, 505, 507, 509, 584, 664, 682, 812, 852, 854
laminarno tečenje, 438
lamprofiri, 488, 585, 586, 597, 599, 655, 657, 761, 828, 863, 965, 966, 967, 968, 969
lamproiti, 346, 589, 597, 634, 655, 656, 657, 660, 761, 962, 963, 964, 965, 967, 970, 971, 972, 973, 974
latit, 477, 484, 487, 595, 830, 850, 851, 864, 905, 926,
layered mafic intrusions, 672
lerzolit, 168, 181, 197, 310, 311, 313, 624, 625, 626, 630, 634, 652, 655, 656, 658, 659, 678, 694, 695, 697, 698, 699, 700, 703, 720, 730, 732, 743, 785, 787, 793, 928, 943, 944, 973, 981, 983, 993
leuci tefrit, 596
leucit bazalt, 958
leucit fonolit, 596, 958
leucitfonolit, 867
leucitit, 597, 760, 761, 867, 868, 954, 969, 970
leucit-nefelin fonolit, 596
leucitofir, 867
leuko granitoidi, 887
leukokratne, 454, 588, 874
leukoksen, 666, 690, 724, 725, 866
light rare earth elements, 312, 345
likvacija, 412
likvidus, 319, 321, 420, 431, 433, 457, 459, 461, 474, 672, 703, 777, 982
LILE, 318, 343, 763, 767, 769, 791, 905, 906, 924, 926, 927, 928
limburgit, 597
limu, 529, 565
linearne erupcije, 521
linijski, pukotinski (rasedni) vulkani, 545
liparit, 481, 594, 879, 939, 940, 942
Liparska ostrva, 879, 942
liskuni, 163, 181, 212, 306, 307, 315, 330, 336, 338, 344, 392, 413, 580, 601, 605, 614, 844, 876, 877, 963, 965, 973
liskunski kimberliti, 656
listići papira, 299
listvenit, 638, 639
litični fragmenti, 531
litoralni konus, 558
Loihi, 742
lopolit, 427, 507, 509, 584, 671, 682
LREE, 312, 345, 346, 381, 385, 398, 652, 656, 660, 683, 728, 729, 730, 731, 732, 733, 747, 763, 767, 792, 905, 917, 927, 969, 973, 974, 978, 979
lučenje, 494, 495, 496, 497, 498, 521, 627, 664, 675, 677, 691, 707, 711, 822, 825, 828, 838, 842, 853, 858, 861, 862, 867, 872, 879
lučna fontana, 551
Lu-Hf, 405
lupa, 298, 303
- M**
maglina, 26, 42, 43, 62, 63, 88, 107
magnezijum, 48, 51, 68, 74, 97, 101, 224, 339, 373, 44, 454, 460, 581, 582, 605, 606, 720, 728, 777, 791, 901, 963, 990, 992
Mali Magelanov oblak, 41, 42
Mlečni put, 28, 38, 39, 40, 41, 55, 59, 67, 88
magnetna deklinacija, 157
magnetosfera, 117, 160

- magneziovustit, 162, 168
Marija Kiri, 155
meteoriti, 92, 101, 105, 106, 136, 137, 138, 139, 140, 141, 150, 153, 173, 180, 223, 225, 229, 347, 377, 383, 384, 392, 402, 405, 658
mezopauza, 219
mezosfera, 219
Moho diskontinuitet, 162, 177, 199, 200, 203, 204, 205, 206, 208, 210, 212, 234, 257, 632, 686, 738
MORB, 187, 188, 189, 190, 253, 317, 340, 373, 376, 378, 379, 380, 385, 386, 393, 406, 428, 451, 641, 645, 703, 717, 720, 721, 727, 728, 730, 732, 734, 740, 741, 743, 744, 745, 746, 747, 750, 751, 755, 769, 777, 778, 781, 782, 783, 785, 786, 787, 790, 791, 792, 793, 798, 917, 924, 927, 929, 930, 931, 974, 978, 980, 981, 982
magmatske komore, 316, 370, 423, 425, 427, 428, 430, 431, 432, 433, 437, 438, 439, 444, 445, 451, 492, 503, 505, 511, 518, 520, 546, 548, 636, 674, 676, 681, 682, 684, 690, 696, 719, 721, 743, 776, 821, 904, 907, 908, 980
magmatski luk, 272, 278, 804, 830, 904, 910
magmatski rezervoari, 246, 393, 721, 913
Makenzi, 236, 698, 782, 944
Mauna Kea, 258, 545, 676, 742
Mauna Loa, 175, 258, 520, 540, 572, 709, 742
melanž, 274, 275, 285, 567, 638, 641, 642, 644, 645, 646, 647
Metjuz, 235, 287, 444
mladi, „nezreli” ostrvski lukovi, 268
Mont Everest, 88, 97, 282, 540
Morgan, 236, 739, 750, 759
Mrtvo more, 258, 757
Maadim Valis, 99
Maat Mons, 84, 85
Mab, 123
magnetno polje, 68, 70, 78, 84, 87, 88, 93, 101, 111, 117, 123, 128, 153, 155, 157, 159, 160
Makemake, 59, 130
Maksvelove planine, 84
Marijanski rov, 88, 265, 268
Mars, 59, 65, 74, 76, 88, 91, 92, 94, 96, 97, 98, 99, 100, 101, 102, 103, 104, 107, 128, 132, 136, 138, 139, 150, 216, 516, 549, 994
Mars Weather, 100
Merkur, 59, 63, 65, 74, 75, 76, 77, 78, 79, 80, 83, 85, 86, 96, 113, 132, 140
Mesec, 17, 26, 59, 61, 76, 84, 85, 92, 93, 94, 96, 97, 109, 114, 115, 128, 132, 136, 150, 167, 203, 216, 229, 234, 235, 385, 651, 678, 687, 693
metan, 66, 99, 107, 110, 111, 116, 117, 122, 123, 127, 128, 130, 133, 222, 224
meteor, 105, 135, 136, 139
meteoroidi, 135
Metida, 111, 113
Mihail Lomonosov, 82
Milutin Milanković, 87
Mimas, 118
Miranda, 123, 124
Mundilfari, 118
M graniti, 898
M tip, 808
maar, 515, 533, 540, 544, 545
madupit, 962, 965
mafitske (bazične) stene, 582, 669
mafurit, 962, 970
magmatska diferencijacija, 99, 151, 152, 176, 181, 410, 443
magmatska folijacija, 493
magnetit, 137, 287, 342, 343, 352, 368, 381, 388, 416, 424, 448, 449, 459, 470, 478, 580, 624, 627, 629, 637, 641, 648, 655, 656, 673, 685, 690, 702, 705, 744,

- 746, 761, 774, 778, 782, 791, 819, 824,
847, 860, 863, 871, 879, 881, 882, 896,
898, 899, 900, 901, 949, 952, 986, 987,
989
magnetitska serija, 882
magnezit, 339, 629, 637, 659, 990, 994
malignit, 952
mandola, 488, 489, 490, 532, 586, 688,
708, 710, 724, 726, 791, 881
masena spektrometrija, 363
masena spektrometrija s varničnim
izvorom, 363
masenu spektrometriju izotopskog raz-
blaživanja, 363
MASH, 905
masivna tekstura, 485
masivni sulfidi, 645
megakristali, 462, 652, 659, 662, 683,
741, 820
meimešite, 608
melanokratne stene, 626, 966
melilit, 590, 597, 655, 658, 660, 741,
745, 746, 752, 950, 951, 952, 954, 955,
959, 962, 963, 968, 970, 978, 986, 990
melitolit, 950, 951
melteigit, 593, 950, 952
MELTS, 385, 704
mešanje magmi, 193, 306, 310, 371,
385, 428, 443, 444, 445, 446, 696, 718,
743, 945
metaalumijske stene, 605
metaalumijski granitoidi, 885
metaandezit, 599
metabazalt, 599, 646
metamorfizam okeanskog dna, 267,
709, 725, 881
mezokratne, 588, 966
mezokumulat, 434, 473
mezozonalne, 501
mijaskit, 592
mikašisti, 315, 755, 905, 920
mikrofenokristali, 474, 477
mikrogabro, 599, 666, 688
mikrogranit, 584, 873
mikroklin, 441, 449, 586, 590, 820,
823, 841, 852, 854, 860, 861, 862, 869,
870, 871, 873, 874, 876, 899, 916
mikrokristalasta osnovna masa, 477
mikroliti, 475, 477, 938, 942
mineraloška klasifikacija, 579, 580,
814, 815, 967
mineraloško pravilo faza, 414
mineta, 862, 863, 965, 966
MINPET, 385
mirne erupcije, 532, 539
modifikovani alkalno-kalcitski indeks,
885
Moho, 162, 177, 199, 200, 203, 204,
205, 206, 208, 210, 212, 234, 257, 317,
505, 632, 686, 738, 767
monazit, 346, 347, 401, 404, 994
moncodiorit, 592, 666, 669, 815, 947,
949
moncogabro, 592, 666, 669, 815
moncogranit, 592, 813, 815, 889
monconit, 440, 592, 666, 683, 6844,
815, 823, 847, 848, 849, 850, 860, 871,
873, 908, 919, 926
monconitporfirit, 849
monconitska grupa, 823, 847
monitoring gasova, 537
monomineralna, 576, 673, 865
MREE, 345
muskovit, 315, 335, 352, 397, 425,
440, 449, 493, 585, 586, 587, 598, 605,
810, 818, 823, 837, 869, 871, 872, 873,
876, 877, 885, 870, 887, 894, 899, 900,
920

N
nebula, 26, 38, 44, 45, 48, 52, 63, 88,
89, 107, 138
neutron, 33, 34, 35, 43, 50, 51, 350,
351, 353, 354, 389, 396
-

- nikl, 51, 65, 92, 97, 127, 137, 139, 150, 153, 448, 509, 652, 656, 663, 677, 687, 744, 746, 995
nuklearna fuzija, 47
nukleosinteza, 35
nodule, 137, 180, 181, 659, 694
narastajuća prizma, 212, 264
narastajući klin, 265, 267, 272, 274, 275, 313, 445, 542, 638, 771, 904
negativna gravitaciona anomalija, 276, 776
nizak toplotni tok, 278
normalni rased, 258
nova globalna tektonika, 17, 236
nebeska tela, 59, 60, 97, 121, 130, 132, 135, 140, 141
Neptun, 59, 60, 65, 75, 94, 107, 108, 109, 121, 125, 126, 127, 128, 129, 132, 141
Neredovni, nepravilni sateliti, 132
Nikola Kopernik, 59
Na pirokseni, 625
natpritisak, 507
natrokarbonatit, 943, 978, 986, 987, 988, 993
natrokarbonatitska lava, 978
nefelin bazalti, 958
nefelin bazanit, 596
nefelin gabro, 592, 669
nefelin moncogabro, 592, 669
nefelin sijenit, 592, 949, 950, 952
nefeliniti, 260, 624, 655, 660, 715, 741, 744, 959, 960, 987, 989, 990, 993
nekomparit, 952
nekovi, 515
neposredni prekursori erupcija, 574
neravnotežno stapanje, 310
neutronska aktivaciona analiza, 362
Niglijevi parametri, 614
nisko K serija, 779
N-MORB, 377, 378, 406, 703, 704, 728, 729, 730, 731, 732, 733, 745, 746, 762, 764, 782, 790, 792
norit, 449, 454, 669, 670, 685, 871
normalizacija vrednosti, 375, 376, 377, 380, 384, 632, 636
normalizacije dijagrami, 366
normativni minerali, 613, 614, 615, 714
nuee ardentes, 530, 531, 535
nukleacija, 514, 417, 457, 458, 459, 467, 482, 490, 820
- O**
Orion, 41, 43, 53
Orionova maglina, 43
ofioliti, 178, 185, 209, 227, 248, 374, 503, 567, 631, 636, 638, 642, 643, 664, 645, 646, 691, 694, 726, 735, 790, 800
okeanska kora, 194, 200, 205, 206, 207, 208, 209, 235, 242, 244, 254, 261, 263, 268, 670, 271, 280, 285, 288, 391, 645, 693, 711, 749, 750, 755, 758, 773, 775, 780, 790, 806, 905, 912, 977
okeanska litosfera, 188, 189, 194, 199, 200, 238, 264, 265, 271, 285, 313, 642, 645, 720, 771, 773, 794, 830, 904
omotač, 21, 35, 45, 47, 69, 74, 79, 84, 88, 91, 92, 93, 94, 97, 98, 104, 107, 112, 122, 127, 128, 130, 139, 140, 148, 150, 153-158, 160, 162, 163, 164, 166-174, 176-182, 184-201, 203-206, 208, 209, 210, 212, 213, 216, 217, 219, 235-238, 240, 242, 244, 248, 252, 254, 255, 257, 259, 261, 263, 264, 265, 267-270, 275, 285, 295, 296, 306, 308-313, 316, 317, 337, 339, 340, 342, 344, 346, 350, 351, 353, 356, 372, 373, 375, 376, 379, 380, 381, 385-388, 391-395, 399, 400, 404, 405, 406, 412, 420, 421, 424, 441, 445, 447, 450, 451, 454, 455, 494, 503-506, 513, 515, 518, 536, 563, 572, 576, 604, 620, 626, 630-633, 636, 638, 642-646, 650, 652-659, 662, 673, 678,

- 681-686, 693, 694, 695, 697, 698, 700, 702, 703, 704, 717-721, 728-737, 739, 743-752, 754, 755, 758, 759, 760, 762, 763, 764, 766-776, 781-784, 786-791, 793, 804-809, 814, 863, 882, 894, 896, 898, 904-916, 919, 920, 921, 926, 928-931, 943, 944, 945, 960, 963, 964, 969, 972-977, 979-984, 987-992, 994
- orogeni pojasevi, 215, 644, 907
- okeanska ostrva, 172, 174, 188, 254, 255, 257, 265, 406, 620, 676, 736, 737, 738, 739, 748, 772, 798, 945, 967, 983
- okeanska ploča, 238, 263, 271, 272, 275, 906
- okeanski baseni, 259, 756
- okeanski grebeni, 235, 238, 247, 283, 718, 719
- okeanski platoi, 172, 208, 213, 253, 254, 645, 740
- okeanski rov, 265, 267, 270
- Ontong java, 254, 255
- osa rifta, 242, 244, 731, 734, 982
- ostrvski luk, 263, 264, 265, 267, 268, 270, 271, 771, 772, 784, 914
- Oberon, 121, 123, 124
- Ofelija, 123
- Olimp, 97
- orbita, 59, 63, 72, 74, 76, 79, 85, 93, 94, 103, 108, 129, 132, 134, 228
- Ortov oblak, 141, 142
- oblak pepela, 531
- obnovljene kaldere, 549
- odeća i obuća, 300
- Odo-Harkinsov efekat, 347
- određivanje starosti, 349, 350, 357-358, 359, 364, 386, 389, 390, 391, 394, 395, 399, 400, 401, 404, 409
- ofioliti arheana, 644
- ofiolitski kompleksi, 271, 645
- ofiolitski melanž, 275, 642, 646
- ofiolitski pojas Vardarske zone, 644
- ofitska struktura, 470, 689
- OIB, 373, 386, 393, 734, 736, 744, 745, 746, 747, 748, 749, 750, 757, 752, 755, 762, 763, 764, 766, 768, 769, 773, 782, 783, 785, 786, 787, 792, 793, 929, 931, 973, 974, 980
- oikokrist, 436, 480
- oikokristali, 471
- okait, 952
- okeanske ploče, 166, 236, 239, 240, 244, 257, 258, 263, 265, 267, 268, 270, 271, 272, 739, 771, 774, 788, 904, 914
- okeanski graniti u riftnim zonama (ORG), 933
- oksihornblenda, 777
- Olimpus, 516, 549
- olistolit, 275, 503, 636, 638, 647, 694
- olivinski lamproiti, 597, 655
- olivinski norit, 670
- olivinski toleiti, 721
- olovka, 299, 303
- olovo, 51, 307, 333, 359, 401, 403, 404, 441, 569, 724, 726, 735, 830, 846
- opacitska struktura, 478, 819
- opal, 489, 629
- opasnosti od lave, 573
- opsidijan, 481, 482, 549, 563, 588, 597, 602, 879, 901, 937, 939, 940, 941, 942
- oranžerit, 656, 657, 659, 660, 964
- orendit, 962
- ortokumulati, 434, 435
- ortokumulatna struktura., 473
- ortopiroksen, 139, 182, 183, 312, 340, 348, 426, 449, 454, 581, 591, 599, 606, 613, 625, 626, 629, 633, 637, 648, 658, 659, 663, 666, 669, 370, 371, 680, 685, 694, 702, 703, 712, 741, 744, 774, 775, 776, 777, 779, 791, 810, 828, 832, 871, 885, 919, 928, 946, 973
- osiromašeni, 167, 187, 188, 190, 203, 378, 379, 385, 388, 393, 406, 636, 641, 660, 681, 683, 702, 720, 728, 730, 732,

733, 734, 746, 750, 769, 781, 784, 798,
873, 899, 900, 905, 927, 928, 964, 972,
973, 975

ostatak rastopa, 196, 323, 368, 424,
430, 435, 438, 439, 449, 467, 519, 656,
827, 849, 944

otvoreni sistem, 412, 696

over pressure, 331

P

parsek, 39

petrologija, 19, 20, 21, 22, 291, 306,
334, 431, 577, 658, 680, 683, 696, 783

planeta, 17, 19, 25, 26, 37, 41, 43, 44,
48, 53, 54, 55, 59, 60, 61, 65, 66, 67,
72, 73, 74, 75, 76, 77, 78, 79, 81, 82,
83, 86, 87, 88, 89, 90, 91, 92, 93, 94,
95, 96, 97, 102, 103, 105, 106, 107,
108, 109, 110, 112, 113, 115, 120, 121,
122, 123, 125, 126, 128, 130, 131, 132,
134, 135, 136, 138, 139, 141, 142, 143,
147, 150, 156, 158, 160, 161, 163, 167,
180, 190, 192, 203, 210, 212, 216, 217,
223, 228, 229, 235, 239, 248, 289, 291,
383, 516, 623, 693, 734, 964

Pol Dirak, 33, 34

pozadinsko mikrotalasno zračenje, 27,
36

pozitron, 33

Proksima Kentauri, 54

proton, 33, 35, 37, 45, 50, 71, 160, 350,
351, 353, 354, 389, 396, 468

paket dubokovodnih sitnozrnih sedime-
nata, 206

paleomagnetizam, 101, 161, 235, 252,
254, 287, 915

paleozojski orogeni pojasevi, 215

perovskit, 162, 168, 169, 170, 171,
182, 631, 652, 654, 655, 656, 945, 951,
962, 963, 968, 973, 978

petrološki Moho, 204, 206, 632

pH, 222, 605, 640, 641

pirokseniti, 181, 625, 647, 648, 743,
744, 960

pirolit, 178, 186, 697, 698

Pjer Kiri, 155

plagioklas peridotiti, 182, 634, 666

platforme, 214, 215, 777

plume, 167, 172, 173, 174, 175, 188,
190, 254, 642, 673, 693, 700, 729, 731,
737, 739, 743, 750, 751, 752, 753, 755,
760, 764, 767, 907, 919, 927, 945, 977,
988, 989, 991, 992

primordial mantle, 186, 730

projekat FAMOUS, 719

proteini, 224

prvi život, 223

Pacifička ploča, 236, 237, 238, 239,
284, 572

Pacifički rift, 240, 245, 739

Pacifički vatreni prsten, 265, 542, 572,
772

Pangea, 233, 239, 280, 287, 755

pasivan rifting, 260

pasivna kontinentalna margina, 278,
279

pasivne margine, 278, 279, 280

pillow lave, 285, 331, 497, 498, 514,
566, 567, 645, 650, 681, 690, 707, 711,
721, 723, 832, 937

planinski venac Anda, 276, 277, 503

plitki zemljotresi, 247, 283

ploče, 84, 99, 165, 166, 167, 172, 176,
200, 201, 234, 236, 237, 238, 239, 240,
242, 244, 246, 251, 253, 257, 258, 259,
261, 263, 264, 265, 267, 268, 269, 270,
271, 272, 274, 275, 278, 280, 283, 284,
285, 289, 291, 494, 496, 521, 548, 559,
565, 567, 660, 688, 700, 707, 708, 736,
739, 742, 743, 755, 759, 760, 771, 773,
774, 775, 776, 779, 781, 783, 785, 786,
787, 788, 789, 790, 791, 792, 793, 808,
877, 904, 912, 913, 914, 915, 916, 921,
969, 983, 984, 985, 990

- plutonske stene, 268, 276, 417, 465, 594, 609, 616, 803, 814, 915, 922, 931, 950, 970
podvlačenje, 167, 239, 240, 263, 264, 265, 268, 271, 285, 771, 772, 904
porfirska ležišta bakra, 278, 936
pozitivna gravitaciona anomalija, 259, 278
prednji baseni, 271
prednji deo luka, 265, 272, 278, 771
propagating rifts, 250
pulling stress, 265
Paalijak, 118
Pak, 123
Palijak, 118
Pan, 118
Pandora, 117, 118
patuljaste planete, 130, 141
Perdita, 123
perihel, 79
Pjer Laplas, 61, 290
planetarni embrioni, 90
planetezimale, 63, 66, 81, 89, 90, 91, 94, 102, 106, 133, 136, 138, 139, 140, 196
planetoidi, 102, 103
planina Čimborazo u Ekvadoru, 88
Pluton, 59, 74, 125, 130, 131, 141
poluostrvo Jukatan, 106
Porcija, 123, 323, 566
Prirodni sateliti, 59, 132
Prometej, 117, 118
Prospero, 124
protoplanetarni disk, 88, 89
protosunce, 63, 89
protuberance, 70, 71
prsten Halo, 111
prstenovi A, B i C, 117
pahoehoe entrail, 559
pahoehoe lava coil, 560
pahoehoe plikovi, 560
pahoehoe prsti, 560
pahoehoe tokovi, 558, 562
palagonit, 481, 565, 567, 707, 939
paleorolit, 879, 880
paleotipne, 587
paleotrahit, 865
palingeneza, 805
panidiomorfno zrnasta, 876
parazitski krateri, 519, 520
parcijalno stapanje omotača, 770, 774
pasivni rifting, 759
pegmatiti sa berilom, 877
pegmatiti sa spodumenom, 877
pegmatitski rastop, 440, 449, 586, 805
pehblenda, 401
pehštajn, 597, 879, 939, 940
peleina kosa, 564
peleine suze, 565
pentlandit, 137, 448
peperit, 534, 567, 568
peralkalne stene, 605, 606, 979
peralkalni granit, 592, 884, 885
peralkalni granitoidi, 884, 919
peralkalni riolit, 260, 594, 943, 959
peralkalni trahit, 595
peralumijske stene, 605
peralumijski graniti, 877
peralumijski granitoidi, 885
peridotit, 178, 182, 186, 187, 197, 200, 204, 205, 206, 242, 248, 285, 308, 309, 311, 312, 313, 314, 317, 340, 346, 421, 448, 503, 582, 588, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 636, 637, 638, 640, 641, 642, 643, 645, 646, 647, 649, 650, 655, 657, 658, 659, 664, 666, 676, 677, 678, 690, 694, 695, 703, 704, 716, 743, 744, 767, 773, 783, 791, 793, 898, 927, 928, 959, 964, 992
perlit, 482, 939, 941, 942
pertit, 471, 590, 816, 869, 871, 877, 886, 950
petrogenetski indikator, 345, 350, 387, 399, 795, 905
-

- petrogeni minerali, 576, 605
petrografski preparat, 296, 457, 461, 462
petrolog, 19, 180, 304, 305, 309, 365, 366, 370, 371, 411, 421, 444, 469, 470, 507, 581, 582, 588, 613, 620, 622, 643, 650, 672, 689, 805, 881, 928, 945
PGE, 342, 344, 448, 652, 677
pikrit, 197, 311, 607, 608, 649, 650, 651, 684, 705, 713, 755, 763, 891
pikritporfiriti, 649
pillow lava, 326, 331, 481, 503, 514, 534, 565, 567, 645, 690, 724, 726, 840, 937
Pinatubo, 269, 524, 527, 536, 537, 542
pirit, 295, 448, 645, 831
piroclastic surge, 531
piroklastični tok, 524, 525, 526, 530, 531, 536, 777
pirop, 654, 655
pirotin, 448, 645
pisanogranitska, 468
pit (jama), 520
pitchstone, 481, 941
plagidacit, 594
plagiodacit, 817
plagiogranit, 206, 592, 807, 815, 889, 916, 917, 924, 934
platina, 342, 448, 509, 629, 677
plato bazalti, 173, 285, 505, 521, 572, 752, 753, 754, 756, 762, 763, 770, 981
Plinijev stub, 534
pločasto, 496, 627, 628, 664, 688, 707, 813, 822, 838, 842, 853, 861, 867, 872, 879, 941, 942
P-MORB, 377, 621, 729, 730, 731, 732, 733, 746, 799
podmorske planine, 739
poikilitiska struktura, 710
polimeri, 319
polimerizacija, 318, 319, 320, 327, 328, 430, 433, 440, 442, 460, 777
polimineralna, 576, 673
poluživot, 150, 353, 354, 355, 357, 358, 363, 390, 391, 392, 399, 400, 401, 403, 404, 405, 406, 734
Pompeja, 534, 535, 536
porfir, 584, 865, 920, 965
porfirit, 726, 833, 881
porfiroidna struktura, 466, 467, 819, 820, 842
postkolizioni, 374, 508, 920, 934
postmagmatske strukture, 473
posttektonski, 508
površinske promene, 303
pozitivna anomalija, 227, 776
predviđanje erupcija, 538, 573
prekolizioni, 507, 920
prelazne (intermedijarne) magmatske stene, 602
preliv lave, 553
PREMA, 406, 755
prenit, 641, 666, 742, 867, 881
prenitizacija, 441
pretektonski, 507
prezasićene, 600, 605, 606, 614, 741, 943, 982
primarne magme, 317, 381, 382, 420, 428, 445, 703, 704, 718, 720, 732, 763, 767, 791, 945, 973
primarni minerali, 652, 657
primena radiometrijskog datiranja, 406
primitive mantle, 379, 380
primitivni omotač, 186, 187, 375, 376, 379, 380, 631, 636, 728, 729, 730, 731, 745, 748, 926
primordial, 186, 391, 636, 730
pritisak fluida, 324, 518, 522
pritisak u magmi, 324, 330, 692
profil, 60, 205, 247, 248, 268, 297, 299, 300, 302, 303, 304, 360, 540, 542, 579, 580, 581, 623, 632, 633, 644, 690, 712, 800, 804, 818
-

- propiliti, 832
propilitizacija, 831
protijum, 350
provincija Dekan, 521, 572, 708, 754, 756, 763, 991
prskajući bedemi, 555
prskanje, 552, 554, 558
prstenasti dajkovi, 512
prstenasti tufovi, 545
pseudomorfoza, 478
pseudoslojevitost, 822
pulsari, 354
pumice, 529, 941
pumpelit, 709, 723, 724, 725, 726, 742, 867, 881, 939
- R**
r-proces, 51
REE, 187, 212, 312, 343, 344, 345, 346, 347, 348, 363, 374, 378, 383, 384, 385, 398, 449, 620, 636, 656, 659, 663, 681, 704, 732, 733, 746, 747, 763, 769, 784, 792, 876, 899, 900, 923, 926, 927, 929, 936, 947, 973, 974, 979, 984, 986, 988, 994
ringvudit, 162, 168, 178
razmicanje, 167, 237, 239, 240, 242, 244, 245, 246, 247, 251, 263, 283, 287, 290, 693, 705, 719, 735, 769, 807
razmnožavajući riftovi, 250
rift, 21, 167, 172, 173, 181, 187, 200, 205, 208, 227, 235, 237, 238, 239, 240, 242, 244, 245, 246, 247, 248, 250, 251, 254, 257, 258, 259, 260, 261, 265, 270, 283, 284, 285, 287, 288, 289, 290, 291, 309, 326, 333, 341, 373, 394, 428, 505, 514, 516, 521, 567, 572, 601, 643, 650, 676, 690, 693, 695, 696, 698, 703, 705, 713, 715, 718, 719, 720, 721, 725, 727, 728, 730, 731, 732, 733, 734, 735, 738, 739, 745, 747, 750, 752, 753, 755, 756, 757, 758, 759, 760, 761, 763, 764, 766, 767, 769, 770, 771, 778, 782, 783, 784, 790, 793, 794, 795, 796, 800, 807, 811, 900, 901, 916, 919, 954, 960, 968, 976, 977, 978, 979, 981, 982, 983, 986, 987, 988, 989, 990
riftna dolina, 244, 252
riftne zone, 164, 174, 181, 208, 209, 235, 240, 244, 246, 247, 258, 295, 428, 504, 518, 571, 642, 697, 719, 757, 967, 976
Rio Grande, 252, 258, 260, 261, 757, 976
rolling back, 269
rov, 88, 264, 265, 268, 270, 271, 272, 274, 291, 771, 904
Radijativna ili radijaciona zona, 69
redovni sateliti, 132
Reja, 118
Rozalinda, 123
R1-R2 dijagram, 611
rad na terenu, 297, 298, 300, 301, 302
radijalni dajkovi, 512
radioaktivno raspadanje, 192, 238, 349, 350, 351, 353, 354, 355, 386
radioaktivno zračenje, 807
radiometrijski sat, 397
ranac, 297, 298, 299, 303, 304, 818
rare Earth Elements, 312, 344, 345, 383
rast kristala, 415, 417, 419, 424, 432, 433, 457, 458, 460, 463, 467, 674, 692
ravnotežno stapanje, 310
Rb-Sr, 357, 363, 391, 394, 396, 399, 769, 811, 964
reakcije resorpcije, 418
reakcioni rubovi, 427, 479, 741
refraktorni ostatak, 185, 308, 312, 927, 928
rekognosciranje terena, 297
rendgenska fluorescentna spektrometrija, 361
Re-Os, 405
-

- resorbovani minerali, 418
resorpcija, 479
retikulit, 527, 529, 565
rezistat, 308, 310, 312, 339, 340, 341, 342, 345, 346, 367, 369, 370, 381, 384, 385, 420, 697, 698, 699, 730, 796, 812, 822
ribekit, 598, 606, 862, 884, 943, 950, 958
rihterit, 606, 656, 659, 660, 962, 965, 973, 974, 975, 990
rodingit, 640, 641, 642
roditelj, 342, 354, 355, 356, 357, 358, 359, 372, 382, 397, 400, 401, 405, 421, 774, 785, 993
roditeljski izotop, 150, 357, 399
rojevi dajkova, 512, 513, 514
ropi pahoehoe, 559
rubin, 440, 876
rudna ležišta, 306, 330, 333, 370, 448, 629, 637, 725, 846, 935
rudne žice, 441
rudno ležište, 576
rutil, 335, 343, 344, 381, 449, 656, 666, 677, 781, 871, 877, 973
- S**
silicijum, 48, 52, 63, 68, 74, 168, 171, 178, 210, 223, 224, 306, 314, 318, 319, 323, 326, 328, 331, 334, 340, 348, 370, 408, 419, 424, 430, 433, 435, 438, 439, 443, 449, 450, 451, 454, 477, 479, 481, 489, 519, 550, 556, 563, 571, 581, 602, 605, 606, 634, 669, 671, 702, 703, 713, 715, 725, 741, 753, 760, 761, 804, 825, 899, 905, 913, 920, 925, 944, 962, 978, 982
Sirijus, 53
Sirijus B, 68
s-proces, 51
sumpor, 51, 68, 97, 134, 150, 151, 153, 154, 184, 216, 223, 225, 227, 295, 307, 327, 328, 329, 333, 337, 442, 443, 448, 449, 569, 570, 601, 735
Sunce, 34, 41, 44, 52, 53, 55, 59, 63, 65, 67, 68, 69, 70, 72, 73, 74, 79, 82, 85, 86, 88, 89, 95, 96, 107, 108, 134, 142, 143, 160, 216, 219, 223, 359, 497, 524
Sunčev sistem, 26, 32, 40, 41, 50, 54, 55, 57, 59, 61, 62, 66, 71, 72, 73, 88, 94, 116, 120, 132, 139, 142, 143
supernova, 25, 34, 42, 44, 48, 50, 51, 52, 62, 63, 88, 139
S talasi, 152, 154, 162, 167, 168, 174, 178, 721
sateliti Swarm, 159
seizmička tomografija, 164, 165
seizmički diskontinuitet na 660 km, 168
seizmički Moho, 204, 206
severni magnetni pol, 111, 157
sheeted dykes complex, 206, 690
siderofilni elementi, 148
sloj „D”, 171, 172, 173, 174, 700
spinel peridotiti, 182, 743
spoljašnje jezgro, 151, 152, 154, 156, 171
stišovit, 169, 171
štitovi, 214, 215, 547, 682, 752
stratopauza, 219
stratosfera, 219
stromatoliti, 236
superplume, 173
San Andreas, 284
sea floor spreading, 235
shield vulkan, 246
sistem iza luka, 270
sporošireći riftovi, 246
srednjeatlantski rift, 240, 246
srednjeokeanski greben, 240, 242, 247, 252, 283, 571, 620, 676, 717, 797
subdukcija, 166, 171, 172, 197, 201, 240, 263, 269, 271, 274, 276, 280, 285,

- 295, 445, 693, 772, 787, 796, 903, 904, 914, 981
subdukcione zone, 252, 261, 263, 264, 265, 267, 275, 313, 314, 646, 657, 774, 782, 786, 792, 793, 808, 813, 873, 906, 908, 910, 911, 926, 927, 945
sutur zona, 280, 281, 282, 807, 903, 915, 921
S/2003, 118
S/2003S1, 118
Saturn, 59, 65, 73, 75, 94, 107, 108, 109, 110, 111, 115, 116, 117, 118, 119, 120, 121, 123, 124, 126, 129, 132, 133, 141
Seneka, 73
Severni kontinent, 84
Sijarnak, 118
Sikoraks, 124
sila gravitacije, 32, 38, 43, 45, 47, 65, 72, 91, 94, 97, 102, 103, 142, 216, 228, 526
Sirensko more, 96
Skadi, 118
solarna maglina, 62, 63, 107
solarne baklje i erupcije, 71
sonda „Mesindžer”, 80
spoljašnje planete, 74, 75, 76, 107, 108
spoljašnje, gasovite planete, 65, 75
Stefano, 124
stenoviti meteoriti, 137, 180
stenovito-gvozdeni meteoriti, 139
Sunčev ili solarni vetar, 71
sunčeva atmosfera, 69
sunčeve pege, 70
Sutungr, 118
svemirska letelica „Magelan”, 85
Svemirski brod „Mariner 10”, 80
S graniti, 352, 899, 900, 901, 915
safir, 467, 876
salske, 581, 582, 624, 770
sanidin, 484, 587, 590, 596, 597, 656, 830, 845, 846, 850, 851, 858, 859, 863, 864, 865, 867, 879, 880, 926, 945, 957, 958, 962, 965
sanidin nefelinit, 596
scoria cones, 543
serpentin, 137, 163, 313, 333, 626, 629, 637, 638, 640, 652, 653, 654, 656, 666, 962
serpentin, 138, 629, 637, 638, 640, 641, 642, 646
serpentinizacija, 441, 473, 629, 643, 656
severna vulkanska zona (NVZ), 909
sheeted dykes, 206, 514, 690
shield volcano, 540
sideromelan, 565, 706
sieve struktura, 479
sijenit, 278, 586, 592, 666, 815, 848, 860, 861, 862, 863, 865, 867, 900, 919, 949, 950, 952, 958, 959, 968, 969, 985, 989
sijenitporfir, 584, 862
sijenitska grupa, 823, 860
sijenodiorit, 666, 815
sijenogabro, 666, 815
sijenogranit, 592
sil, 463, 510, 651, 880
siliko-karbonatit, 986
silimanit, 414, 605, 822, 885, 899
sinkolizioni, 374, 507, 622, 920, 933, 934
 $\text{SiO}_2\text{--Zr/TiO}_2$, 618, 619
sistemi subparalelnih dajkova, 514
skapolit, 590, 641
skenirajući elektronski mikroskop, 364, 457
skica, 303
skopoli, 305
skorija, 527, 529, 532, 543, 544
skorija konusi, 544
skylight, 557
slojevite magmatske intruzije, 429
smaragd, 440, 467, 586, 876
-

- Sm-Nd, 363, 398, 399, 404, 405, 769, 964
sodalit sijenit, 592
solfatare, 307, 333, 570
solidus, 308, 310, 321, 420, 431, 433, 447, 461, 463, 467, 469, 631, 659, 697, 698, 761, 775, 806, 820, 828, 904, 912, 925, 928, 991
sosirit, 333, 664
sosiritizacija, 690
sovit, 949, 952, 986, 993
spajder dijagrami, 378, 379, 381, 385, 455
spesartit, 828, 862
spiliti, 723, 724, 725, 726, 727, 881
spilitizacija, 724
spilozit, 725
spinel lerzolit, 694, 720, 743, 944
spinifeks struktura, 651
spodumen, 326, 441, 586, 877
spoljašnji pritisak, 68, 325, 331, 519
sporedni oksidi, 335
sposobnost stvaranja kristalnih zametaka, 415
statička diferencijacija, 421
stene s melilitom, 950
stene sa kalsilitom, 970
stene sa leucitom, 969
stepen polimerizacije, 318, 319, 320, 430, 460
S-tip, 822, 898, 899, 914, 920, 921, 922, 923
Stokesov zakon, 422, 434
stratiformna ležišta hromita, 645
stratiformni ultramafitski kumulati, 634
stratovulkani, 539, 541, 542, 770, 774
stromboli, 272, 523, 533, 537, 539, 908, 964
strombolijski tip erupcija, 523
struktura crescumulate, 473
struktura tečenja, 484
stubasto, 495, 496, 498, 675, 707, 838, 858, 867, 879
subalkalne stene, 606
subalkalni bazalti, 712, 713, 715, 769
subhedralni, 462, 466, 680, 683, 705
subkontinentalna litosfera, 188, 769
submarinski tokovi, 566
subofitska struktura, 470
subsolvus, 820, 821
sumpor-dioksid, 82, 83, 222, 535, 536, 537, 538
super vulkan, 771
supererupcije, 573
superpozicija, 359
sutur zone, 263, 275, 280, 282, 285, 644, 914, 915, 916, 965
suve magme, 307
sveska, 299
Sveta Jelena, 524, 527, 542, 546, 558, 709, 748
svetlarnik, 556, 557
stojeći talasi, 553
- T**
teorija struna, 31, 32
titan, 118, 119, 287, 333, 342, 449, 671, 677, 712, 713, 785, 946, 962
Tomas Rajt, 41
tropopauza, 219
troposfera, 83, 218
tektonika ploča, 17, 21, 161, 164, 176, 200, 209, 212, 213, 231, 233, 236, 287, 290, 291, 333, 645, 718, 719, 735, 736, 753, 760, 772, 789, 903
tektonitski peridotiti, 204, 630, 631, 633
termosfera, 219
tople tačke, 172, 174, 175, 208, 254, 258, 290, 428, 541, 572, 642, 650, 700, 715, 737, 738, 739, 743, 756, 758, 759, 799, 919, 927
toplotni fluks, 191, 214
transpiracija, 221

- tektonski melanž, 274, 646, 647
Tibetanski plato, 280
topografija rifta, 246
transformni rasedi, 240, 283, 284, 758
trench, 261, 265, 771
triple junction, 251
trojni spoj, 251
Tarvos, 118
Teba Gosamer, 111
Teja, 92
teleskop „Habl“, 118, 128
Telesto, 118
terestrične planete, 63, 65, 66, 73, 74, 75, 76, 89, 93, 94, 110, 112, 138, 150, 216
Tetida, 118
Theia, 92
Titanija, 123, 124
Trimr, 118
Trinkul, 124
Tirm, 118
Triton, 128, 129
Trojanci, 103, 105
T-Tauri, 63
tablet, 297, 300, 303
tahilit, 506, 937
talasi lave, 552
talk, 629, 937, 938, 640, 649, 725
TAS dijagram, 598, 609, 670, 713, 817, 818, 833, 891, 925, 926, 953, 954, 968, 970
TAS-ova klasifikacija, 589
Ta-Y dijagram, 622
tečno-tečno frakcioniranje, 446
tefra, 527, 531, 533, 558
tefrifonolit, 596
tefrit, 596, 597, 946, 956, 978
tefritični leucitit, 597
tekstura tečenja, 487
teksturna ravnoteža, 419
temperatura blokiranja, 397, 398
temperatura lave, 250, 321
temperatura magme, 321, 825
teorija tektonike ploča, 167, 290, 291, 800
teralit, 592, 669, 949
termički gradijent, 430, 432
termohronologija, 409
termoluminiscencija, 364, 407, 409
teški elementi retkih zemalja HREE, 345
teško isparljiva komponenta, 307
Th-Pb, 357, 404
Ti/100-Zr-Yx3, 798, 799
tinguit, 959
TiO₂-MnO-P₂O₅, 621, 798
titanit, 335, 342, 346, 381, 424, 590, 605, 659, 660, 705, 860, 871, 885, 963
titanomagnetit, 287, 343, 449, 648, 778, 791
T-MORB, 730
tok pepela, 531
tok plovućca, 531
toleitske stene, 606
TOMS merenja, 538
tonalit, 592, 615, 616, 813, 814, 815, 835, 873, 897, 898, 905, 906, 908, 909, 914, 917
topaz, 440, 467, 876, 877, 878, 885
topli izvori, 333, 569, 570
toplotna konvekција, 323
toplotna provodljivost, 315
toplotni gradijent, 267, 424, 430, 447, 451, 684
tragovi fisije, 409
trahiandezit, 618, 926
trahit, 259, 260, 484, 487, 595, 727, 740, 744, 760, 761, 762, 769, 863, 865, 884, 920, 958, 959, 977, 978, 983
trahitska struktura, 484, 487
tricijum, 350
tridimit, 425, 582, 587, 590
trondhemit, 209, 592, 615, 815, 873, 889, 917
-

tuff cone, 540, 545

tumulus, 562

tuneli i cevi u lavi, 556

turjait, 952

turmalin, 326, 440, 449, 586, 605, 837,
844, 855, 856, 876, 877

U

ugljenik, 47, 48, 50, 51, 68, 75, 92,
104, 129, 137, 138, 140, 154, 184, 223,
224, 225, 334, 337, 350, 351, 353, 364,
389, 390, 658, 659, 974, 994

univerzum, 21, 25, 26, 27, 28, 29, 30,
31, 32, 33, 34, 35, 36, 37, 38, 43, 44,
52, 59, 68, 69, 143, 223, 290, 359

univerzalni rastvarač, 221

unutrašnje jezgro, 151, 152, 153, 154,
156

ugljen-dioksid, 66, 82, 83, 99, 107,
111, 133, 217, 222, 224, 225, 226, 259,
328, 289, 442, 535, 536, 601, 654

Uran, 44, 59, 65, 75, 82, 94, 107, 108,
109, 120, 121, 122, 123, 124, 126, 127,
129, 132, 133, 141, 344, 361, 390, 400,
401, 403, 410, 449

Utopija, 98

ugandit, 970

ugašeni vulkan, 538

ultraalkalne lave, 979

ultrabazične magmatske stene, 604

ultrabazične magme, 335, 423, 448,
505

ultrabazične stene, 254, 448, 473, 515,
588, 593, 594, 624, 625, 626, 641, 647,
649, 653, 654, 684, 686, 694, 728

ultrabazični (sinonim je ultramafični)
lamprofiri (UML), 968

ultrabazični kumulati, 636, 756

ultrakalijske stene, 761, 962, 971, 972,
973, 984

ultramafitske (ultrabazične) stene, 582

undepleted, 702

unutrašnji pritisak, 43, 242, 313, 324,
325, 330, 331, 421, 439, 440, 522, 542,
586, 678, 692, 777, 875, 885, 937

U-Pb, 357, 363, 399, 401, 403, 404,
657, 810

uralit, 333, 629, 649, 664, 723, 724,
725

uraninit, 401

urtit, 593, 950, 952

uspavani vulkan, 538

U-Th-Pb, 400, 404, 769

užarena lavina, 531

V

Vega, 53

velika sila ujedinjenja, 33

Veliki Magelanov oblak, 41, 42

veliki prasak, 15, 21, 25, 27, 30, 31, 33,
56

Vesto M. Slajfer, 28

Vilijam Šekspir, 56

vodonik, 26, 35, 36, 37, 38, 41, 44, 45,
47, 50, 51, 52, 63, 66, 67, 68, 69, 73,
74, 75, 78, 82, 89, 90, 110, 111, 116,
117, 123, 127, 134, 140, 153, 154, 184,
216, 220, 222, 223, 224, 225, 227, 279,
337, 350, 351, 352, 766

vadsleit, 162, 178

Vegener, 208, 233, 234

Viktor Goldšmit, 147

voda, 88, 92, 94, 99, 107, 162, 163,
181, 191, 193, 212, 216, 219, 220, 221,
222, 223, 224, 248, 267, 306, 307, 312,
315, 324, 325, 326, 327, 336, 351, 352,
388, 413, 430, 433, 440, 442, 464, 488,
497, 498, 519, 533, 534, 537, 539, 542,
544, 550, 555, 567, 569, 570, 629, 652,
654, 660, 674, 692, 710, 724, 725, 735,
774, 804, 810, 904, 920, 935, 937, 941,
995

voda u omotaču, 162

volatilni (atmofilni) elementi, 184

- volfram, 150, 173, 441, 877, 878, 882, 897, 936
Valvis, 188, 252
very low heat flow, 265
Vilson, 29, 37, 172, 255, 284, 285, 662, 731, 739, 750
Vilsonov ciklus, 285, 286, 287
Vinea, 235
visok toplotni tok, 246, 257, 258, 278, 738
visokog vulkanizma, 260, 261
vulkani, 19, 84, 97, 240, 246, 255, 258, 259, 269, 272, 277, 295, 321, 516, 519, 520, 521, 522, 523, 528, 532, 533, 535, 538, 539, 540, 541, 542, 545, 548, 549, 550, 559, 569, 571, 572, 573, 574, 575, 736, 739, 742, 743, 744, 748, 752, 756, 771, 774, 776, 907, 984
vulkanski lanac Havaja, 258, 739
vulkanski luk, 213, 267, 271, 272, 277, 285, 289, 904, 906, 908, 914
Velika tamna pega, 128
Venera, 59, 65, 73, 74, 76, 81, 82, 83, 84, 85, 88, 96, 132, 994
Vidmanštetenova tekstura, 140
Vilijam Heršel, 103, 120, 121
Vilijam Lasel, 128
Volf 359, 68
Vardarska zona, 644
varijacioni dijagrami, 366, 368, 371
vebsteriti, 626
vezikula, 326, 330, 331, 332, 488, 489, 490, 492, 559, 561, 710, 724
Vezuv, 513, 516, 534, 535, 536, 539, 709, 945, 955, 956
vindjakna, 301
viskozitet, 164, 166, 171, 172, 197, 209, 257, 275, 276, 310, 313, 317, 318, 319, 320, 325, 326, 330, 331, 416, 419, 421, 422, 423, 424, 427, 430, 432, 435, 440, 446, 448, 451, 458, 459, 460, 492, 501, 504, 510, 517, 518, 522, 539, 540, 541, 549, 558, 559, 572, 672, 738, 756, 830, 894, 987, 989, 992, 993
vitrofiri, 476, 938, 941
vitrofirska struktura, 476, 939
vlažne magme, 307
vrlo nizak stepen metamorfizma, 709
Vulkano, 272, 329, 442, 517, 539, 569
vulkanska bomba, 564
vulkanske erupcije, 181, 195, 295, 424, 513, 522, 524, 549, 573, 915
vulkanske kupe, 255, 259, 320, 519, 520, 540, 546, 550, 563, 574, 830, 926, 943
vulkanski blokovi, 518, 563
vulkanski pepeo, 331, 522, 528, 780
vulkansko staklo, 417, 459, 463, 465, 481, 489, 588, 597, 613, 706, 710, 723, 937, 940
- Z**
zadnji deo tog luka, 272
zemljino magnetno polje, 159
zona Beniof, 263, 264, 265, 271, 272
zone podvlačenja, 261
zone subdukcije, 21, 264, 268, 275, 451, 548, 571, 572, 620, 642, 644, 660, 676, 684, 715, 802, 808, 830, 900, 906, 909, 921, 928, 974
Zemlja, 19, 21, 33, 40, 55, 59, 61, 63, 65, 72, 73, 74, 75, 75, 82, 86, 87, 88, 89, 91, 92, 93, 94, 96, 106, 127, 135, 136, 140, 145, 147, 148, 149, 151, 153, 155, 159, 160, 166, 176, 190, 196, 203, 210, 213, 216, 217, 223, 225, 228, 229, 233, 235, 236, 287, 290, 291, 347, 349, 356, 392, 412, 508, 934, 994
zvezda, 25, 26, 28, 29, 31, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 48, 50, 51, 52, 53, 54, 55, 56, 59, 62, 63, 65, 66, 67, 68, 72, 73, 82, 84, 85, 88, 89, 103, 120, 123, 133, 134, 135, 142, 143, 223, 224, 228, 357
-

zeleni pojasevi, 209, 645, 723
Zeus, 109, 120
zvezda Danica, 85
zvezda Večernjača, 85
zatvoreni sistem, 395, 412, 445
zavojnice lave, 560
zeolit, 481, 489, 490, 724, 742, 867,
881, 939, 950, 962, 966, 967
zlato, 51, 149, 307, 333, 364, 441, 569,
639
zona Vadati-Beniof, 911
zonarna građa, 418, 426, 925
zone Beniof, 780, 903, 909
Zr/TiO₂-Nb/Y, 618, 619
zrnasta struktura, 206, 465, 466
Zr-Nb-Y, 621, 798, 799

Ž

Žorž Lemetr, 29
Život, 27, 34, 43, 50, 52, 55, 65, 70,
72, 73, 83, 86, 88, 92, 93, 94, 95, 101,
121, 133, 134, 138, 140, 143, 152, 159,
160, 167, 216, 217, 219, 220, 221, 222,
223, 224, 225, 226, 227, 228, 229, 233,
238, 239, 248, 250, 289, 291, 524, 526,
529, 534, 535, 538, 538, 567, 573, 574,
575
žične stene, 508, 584, 585, 649, 692,
826, 836, 843, 849, 854, 862, 873, 875

Q

Q'(F')-ANOR klasifikaciju, 616
Q'ANOR dijagrama, 886
QAP klasifikacija dubinskih granitoid-
nih stena, 815
QAP triangularni dijagram, 886
QAPF klasifikacija, 591, 594, 595, 817,
823, 955
quench, 483, 652

Š

Šandova klasifikacija, 884

šlirasta tekstura, 487
šošonit, 781, 783, 796, 915, 954, 968,
984
šošonitska serija, 777, 779, 780, 782,
893
štok, 501, 507, 508, 509, 682, 852
šupljina, 330, 417, 489, 491, 561, 941

W

WPB, 373, 394, 753, 756
W anomalija, 150

X

XRF analize, 365, 601