CONTINENTAL

EXLOG R.F. SMITH CORP.
GEOTHERMAL DATA LOG

COMPANY ... GEO DYNAMICS CORPORATION
WELL ... KGRA No. 1, SAN DIEGO, NV
FIELD ... GEYSERS
COUNTY ... SONOMA ... STATE ... CALIFORNIA
LOCATION 3000 FARRAGUT W OF THE CENTER LINE T15N R8W
ELEVATION ... 1500' GL (KB) ... 1515' DF
CONTRACTOR/RIG ... Lufthaus Brothers #28
SPUD DATE ... 11/5/80 ... TD DATE ... 11/17/80
TD - DRILLER ... 10,000' ... TRUE VERT DEPTH ...
CASING @ HOLE ... LOG @ TD ...
WELL STATUS ... Completed Producer
COMPANY REPRESENTATIVE ... M. Frank D. Robinson, Engineer

LOG INTERVAL

DATE LOGGED ... 11/15/80 ... to ... 11/17/80
DEPTH LOGGED ... 1500' ... to ... 9650'
MUD DRILLING ... Surface ... to ... 9650'
MUD LOGGING ... 1500' ... to ... 9650'
TEMPERATURE INSTRUMENT TYPE ... Temperature
PRESSURE INSTRUMENT TYPE ... Lufthaus Corp
LOG TIME RECORDED ... 24HR ... UNIT NO. ...
LOG RECORDED BY ... Lufthaus, J. Fantasy, M. McDonald
LOG PREPARED BY ... M. McDonald

HOLE SIZE

From	To	Bit
0'	1500'	26"
1500'	3100'	17 1/2"
3100'	9650'	12 1/4"
9650'	9700'	8 1/2"

CASING RECORD

Size	Wt	Grade	Depth
20"	94#	H-40	1500'
13 3/8"	68#	K-55	3100'
9 5/8"	47#	S-95	9650'

CASING WATER SYSTEM

3077' 24 cl⁻	9147' 22 cl⁻
3081' 24 cl⁻	9180' 384 cl⁻
3114' 24 cl⁻	9201' 24 cl⁻
3137' 134 cl⁻	9270' 384 cl⁻
3161' 24 cl⁻	9301' 214 cl⁻
3211' 24 cl⁻	9320' 24 cl⁻
3241' 24 cl⁻	9337' 24 cl⁻
3262' 24 cl⁻	9352' 134 cl⁻
3281' 24 cl⁻	9387' 214 cl⁻
3302' 24 cl⁻	9421' 24 cl⁻
3321' 24 cl⁻	9441' 24 cl⁻
3341' 24 cl⁻	9460' 24 cl⁻

LOST CIRCULATION ZONES

3098' 9318' 9441'

MISC. REMARKS

LITHOLOGY SYMBOLS

Sand and Gravel; Sandstone; Shale; Limestone; Dolomite; Anhydrite; Gypsum; Salt; Coal; Basement; Basalt; Volcanic; Conglomerate; Chert; Diatomite; Pumice; Tuff; Obsidian; Metamorphic; Granite; Intrusive; Cuttings; Core; Sidewall Core; Fluorescence; Cut Fluorescence; Residual Oil; Oil Stain; Tar; Gas Show; Fracture; Vug; Vertical Fracture; Bedding Plane; Fossil; Pyrite; Calcite; Quartz; Clay; Mica; Glauconite; Carbonaceous; Fossiliferous; Oolitic; Pyritic; Calcareous; Micaceous; Glauconitic; Carbonaceous; Fossiliferous; Oolitic; Pyritic; Calcareous; Micaceous; Glauconitic

SECONDARY MINERALOGY: 1 = Quartz, 2 = Calcite, 3 = Pyrite, 4 = Clay, 5 = Mica, 6 = Glauconite, 7 = Carbonaceous, 8 = Fossiliferous, 9 = Oolitic, 10 = Pyritic, 11 = Calcareous, 12 = Micaceous, 13 = Glauconitic

SECONDARY MINERALOGY: 14 = Anhydrite, 15 = Gypsum, 16 = Salt, 17 = Coal, 18 = Basement, 19 = Basalt, 20 = Volcanic, 21 = Conglomerate, 22 = Chert, 23 = Diatomite, 24 = Pumice, 25 = Tuff, 26 = Obsidian, 27 = Metamorphic, 28 = Granite, 29 = Intrusive

SECONDARY MINERALOGY: 30 = Cuttings, 31 = Core, 32 = Sidewall Core, 33 = Fluorescence, 34 = Cut Fluorescence, 35 = Residual Oil, 36 = Oil Stain, 37 = Tar, 38 = Gas Show, 39 = Fracture, 40 = Vug, 41 = Vertical Fracture, 42 = Bedding Plane, 43 = Fossil, 44 = Pyrite, 45 = Calcite, 46 = Quartz, 47 = Clay, 48 = Mica, 49 = Glauconite, 50 = Carbonaceous, 51 = Fossiliferous, 52 = Oolitic, 53 = Pyritic, 54 = Calcareous, 55 = Micaceous, 56 = Glauconitic

SECONDARY MINERALOGY: 57 = Carbonaceous, 58 = Fossiliferous, 59 = Oolitic, 60 = Pyritic, 61 = Calcareous, 62 = Micaceous, 63 = Glauconitic, 64 = Carbonaceous, 65 = Fossiliferous, 66 = Oolitic, 67 = Pyritic, 68 = Calcareous, 69 = Micaceous, 70 = Glauconitic

SECONDARY MINERALOGY: 71 = Carbonaceous, 72 = Fossiliferous, 73 = Oolitic, 74 = Pyritic, 75 = Calcareous, 76 = Micaceous, 77 = Glauconitic, 78 = Carbonaceous, 79 = Fossiliferous, 80 = Oolitic, 81 = Pyritic, 82 = Calcareous, 83 = Micaceous, 84 = Glauconitic

SECONDARY MINERALOGY: 85 = Carbonaceous, 86 = Fossiliferous, 87 = Oolitic, 88 = Pyritic, 89 = Calcareous, 90 = Micaceous, 91 = Glauconitic, 92 = Carbonaceous, 93 = Fossiliferous, 94 = Oolitic, 95 = Pyritic, 96 = Calcareous, 97 = Micaceous, 98 = Glauconitic, 99 = Carbonaceous, 100 = Fossiliferous

SECONDARY MINERALOGY: 101 = Oolitic, 102 = Pyritic, 103 = Calcareous, 104 = Micaceous, 105 = Glauconitic, 106 = Carbonaceous, 107 = Fossiliferous, 108 = Oolitic, 109 = Pyritic, 110 = Calcareous, 111 = Micaceous, 112 = Glauconitic, 113 = Carbonaceous, 114 = Fossiliferous, 115 = Oolitic, 116 = Pyritic, 117 = Calcareous, 118 = Micaceous, 119 = Glauconitic, 120 = Carbonaceous

SECONDARY MINERALOGY: 121 = Fossiliferous, 122 = Oolitic, 123 = Pyritic, 124 = Calcareous, 125 = Micaceous, 126 = Glauconitic, 127 = Carbonaceous, 128 = Fossiliferous, 129 = Oolitic, 130 = Pyritic, 131 = Calcareous, 132 = Micaceous, 133 = Glauconitic, 134 = Carbonaceous, 135 = Fossiliferous, 136 = Oolitic, 137 = Pyritic, 138 = Calcareous, 139 = Micaceous, 140 = Glauconitic

SECONDARY MINERALOGY: 141 = Carbonaceous, 142 = Fossiliferous, 143 = Oolitic, 144 = Pyritic, 145 = Calcareous, 146 = Micaceous, 147 = Glauconitic, 148 = Carbonaceous, 149 = Fossiliferous, 150 = Oolitic, 151 = Pyritic, 152 = Calcareous, 153 = Micaceous, 154 = Glauconitic, 155 = Carbonaceous, 156 = Fossiliferous, 157 = Oolitic, 158 = Pyritic, 159 = Calcareous, 160 = Micaceous, 161 = Glauconitic, 162 = Carbonaceous, 163 = Fossiliferous, 164 = Oolitic, 165 = Pyritic, 166 = Calcareous, 167 = Micaceous, 168 = Glauconitic, 169 = Carbonaceous, 170 = Fossiliferous, 171 = Oolitic, 172 = Pyritic, 173 = Calcareous, 174 = Micaceous, 175 = Glauconitic, 176 = Carbonaceous, 177 = Fossiliferous, 178 = Oolitic, 179 = Pyritic, 180 = Calcareous, 181 = Micaceous, 182 = Glauconitic, 183 = Carbonaceous, 184 = Fossiliferous, 185 = Oolitic, 186 = Pyritic, 187 = Calcareous, 188 = Micaceous, 189 = Glauconitic, 190 = Carbonaceous, 191 = Fossiliferous, 192 = Oolitic, 193 = Pyritic, 194 = Calcareous, 195 = Micaceous, 196 = Glauconitic, 197 = Carbonaceous, 198 = Fossiliferous, 199 = Oolitic, 200 = Pyritic

SECONDARY MINERALOGY: 201 = Calcareous, 202 = Micaceous, 203 = Glauconitic, 204 = Carbonaceous, 205 = Fossiliferous, 206 = Oolitic, 207 = Pyritic, 208 = Calcareous, 209 = Micaceous, 210 = Glauconitic, 211 = Carbonaceous, 212 = Fossiliferous, 213 = Oolitic, 214 = Pyritic, 215 = Calcareous, 216 = Micaceous, 217 = Glauconitic, 218 = Carbonaceous, 219 = Fossiliferous, 220 = Oolitic, 221 = Pyritic, 222 = Calcareous, 223 = Micaceous, 224 = Glauconitic, 225 = Carbonaceous, 226 = Fossiliferous, 227 = Oolitic, 228 = Pyritic, 229 = Calcareous, 230 = Micaceous, 231 = Glauconitic, 232 = Carbonaceous, 233 = Fossiliferous, 234 = Oolitic, 235 = Pyritic, 236 = Calcareous, 237 = Micaceous, 238 = Glauconitic, 239 = Carbonaceous, 240 = Fossiliferous

SECONDARY MINERALOGY: 241 = Oolitic, 242 = Pyritic, 243 = Calcareous, 244 = Micaceous, 245 = Glauconitic, 246 = Carbonaceous, 247 = Fossiliferous, 248 = Oolitic, 249 = Pyritic, 250 = Calcareous, 251 = Micaceous, 252 = Glauconitic, 253 = Carbonaceous, 254 = Fossiliferous, 255 = Oolitic, 256 = Pyritic, 257 = Calcareous, 258 = Micaceous, 259 = Glauconitic, 260 = Carbonaceous, 261 = Fossiliferous, 262 = Oolitic, 263 = Pyritic, 264 = Calcareous, 265 = Micaceous, 266 = Glauconitic, 267 = Carbonaceous, 268 = Fossiliferous, 269 = Oolitic, 270 = Pyritic, 271 = Calcareous, 272 = Micaceous, 273 = Glauconitic, 274 = Carbonaceous, 275 = Fossiliferous, 276 = Oolitic, 277 = Pyritic, 278 = Calcareous, 279 = Micaceous, 280 = Glauconitic, 281 = Carbonaceous, 282 = Fossiliferous, 283 = Oolitic, 284 = Pyritic, 285 = Calcareous, 286 = Micaceous, 287 = Glauconitic, 288 = Carbonaceous, 289 = Fossiliferous, 290 = Oolitic, 291 = Pyritic, 292 = Calcareous, 293 = Micaceous, 294 = Glauconitic, 295 = Carbonaceous, 296 = Fossiliferous, 297 = Oolitic, 298 = Pyritic, 299 = Calcareous, 300 = Micaceous

SECONDARY MINERALOGY: 301 = Glauconitic, 302 = Carbonaceous, 303 = Fossiliferous, 304 = Oolitic, 305 = Pyritic, 306 = Calcareous, 307 = Micaceous, 308 = Glauconitic, 309 = Carbonaceous, 310 = Fossiliferous, 311 = Oolitic, 312 = Pyritic, 313 = Calcareous, 314 = Micaceous, 315 = Glauconitic, 316 = Carbonaceous, 317 = Fossiliferous, 318 = Oolitic, 319 = Pyritic, 320 = Calcareous, 321 = Micaceous, 322 = Glauconitic, 323 = Carbonaceous, 324 = Fossiliferous, 325 = Oolitic, 326 = Pyritic, 327 = Calcareous, 328 = Micaceous, 329 = Glauconitic, 330 = Carbonaceous, 331 = Fossiliferous, 332 = Oolitic, 333 = Pyritic, 334 = Calcareous, 335 = Micaceous, 336 = Glauconitic, 337 = Carbonaceous, 338 = Fossiliferous, 339 = Oolitic, 340 = Pyritic

SECONDARY MINERALOGY: 341 = Calcareous, 342 = Micaceous, 343 = Glauconitic, 344 = Carbonaceous, 345 = Fossiliferous, 346 = Oolitic, 347 = Pyritic, 348 = Calcareous, 349 = Micaceous, 350 = Glauconitic, 351 = Carbonaceous, 352 = Fossiliferous, 353 = Oolitic, 354 = Pyritic, 355 = Calcareous, 356 = Micaceous, 357 = Glauconitic, 358 = Carbonaceous, 359 = Fossiliferous, 360 = Oolitic, 361 = Pyritic, 362 = Calcareous, 363 = Micaceous, 364 = Glauconitic, 365 = Carbonaceous, 366 = Fossiliferous, 367 = Oolitic, 368 = Pyritic, 369 = Calcareous, 370 = Micaceous, 371 = Glauconitic, 372 = Carbonaceous, 373 = Fossiliferous, 374 = Oolitic, 375 = Pyritic, 376 = Calcareous, 377 = Micaceous, 378 = Glauconitic, 379 = Carbonaceous, 380 = Fossiliferous, 381 = Oolitic, 382 = Pyritic, 383 = Calcareous, 384 = Micaceous, 385 = Glauconitic, 386 = Carbonaceous, 387 = Fossiliferous, 388 = Oolitic, 389 = Pyritic, 390 = Calcareous, 391 = Micaceous, 392 = Glauconitic, 393 = Carbonaceous, 394 = Fossiliferous, 395 = Oolitic, 396 = Pyritic, 397 = Calcareous, 398 = Micaceous, 399 = Glauconitic, 400 = Carbonaceous

SECONDARY MINERALOGY: 401 = Fossiliferous, 402 = Oolitic, 403 = Pyritic, 404 = Calcareous, 405 = Micaceous, 406 = Glauconitic, 407 = Carbonaceous, 408 = Fossiliferous, 409 = Oolitic, 410 = Pyritic, 411 = Calcareous, 412 = Micaceous, 413 = Glauconitic, 414 = Carbonaceous, 415 = Fossiliferous, 416 = Oolitic, 417 = Pyritic, 418 = Calcareous, 419 = Micaceous, 420 = Glauconitic, 421 = Carbonaceous, 422 = Fossiliferous, 423 = Oolitic, 424 = Pyritic, 425 = Calcareous, 426 = Micaceous, 427 = Glauconitic, 428 = Carbonaceous, 429 = Fossiliferous, 430 = Oolitic, 431 = Pyritic, 432 = Calcareous, 433 = Micaceous, 434 = Glauconitic, 435 = Carbonaceous, 436 = Fossiliferous, 437 = Oolitic, 438 = Pyritic, 439 = Calcareous, 440 = Micaceous, 441 = Glauconitic, 442 = Carbonaceous, 443 = Fossiliferous, 444 = Oolitic, 445 = Pyritic, 446 = Calcareous, 447 = Micaceous, 448 = Glauconitic, 449 = Carbonaceous, 450 = Fossiliferous, 451 = Oolitic, 452 = Pyritic, 453 = Calcareous, 454 = Micaceous, 455 = Glauconitic, 456 = Carbonaceous, 457 = Fossiliferous, 458 = Oolitic, 459 = Pyritic, 460 = Calcareous, 461 = Micaceous, 462 = Glauconitic, 463 = Carbonaceous, 464 = Fossiliferous, 465 = Oolitic, 466 = Pyritic, 467 = Calcareous, 468 = Micaceous, 469 = Glauconitic, 470 = Carbonaceous, 471 = Fossiliferous, 472 = Oolitic, 473 = Pyritic, 474 = Calcareous, 475 = Micaceous, 476 = Glauconitic, 477 = Carbonaceous, 478 = Fossiliferous, 479 = Oolitic, 480 = Pyritic, 481 = Calcareous, 482 = Micaceous, 483 = Glauconitic, 484 = Carbonaceous, 485 = Fossiliferous, 486 = Oolitic, 487 = Pyritic, 488 = Calcareous, 489 = Micaceous, 490 = Glauconitic, 491 = Carbonaceous, 492 = Fossiliferous, 493 = Oolitic, 494 = Pyritic, 495 = Calcareous, 496 = Micaceous, 497 = Glauconitic, 498 = Carbonaceous, 499 = Fossiliferous, 500 = Oolitic

SECONDARY MINERALOGY: 501 = Pyritic, 502 = Calcareous, 503 = Micaceous, 504 = Glauconitic, 505 = Carbonaceous, 506 = Fossiliferous, 507 = Oolitic, 508 = Pyritic, 509 = Calcareous, 510 = Micaceous, 511 = Glauconitic, 512 = Carbonaceous, 513 = Fossiliferous, 514 = Oolitic, 515 = Pyritic, 516 = Calcareous, 517 = Micaceous, 518 = Glauconitic, 519 = Carbonaceous, 520 = Fossiliferous, 521 = Oolitic, 522 = Pyritic, 523 = Calcareous, 524 = Micaceous, 525 = Glauconitic, 526 = Carbonaceous, 527 = Fossiliferous, 528 = Oolitic, 529 = Pyritic, 530 = Calcareous, 531 = Micaceous, 532 = Glauconitic, 533 = Carbonaceous, 534 = Fossiliferous, 535 = Oolitic, 536 = Pyritic, 537 = Calcareous, 538 = Micaceous, 539 = Glauconitic, 540 = Carbonaceous, 541 = Fossiliferous, 542 = Oolitic, 543 = Pyritic, 544 = Calcareous, 545 = Micaceous, 546 = Glauconitic, 547 = Carbonaceous, 548 = Fossiliferous, 549 = Oolitic, 550 = Pyritic, 551 = Calcareous, 552 = Micaceous, 553 = Glauconitic, 554 = Carbonaceous, 555 = Fossiliferous, 556 = Oolitic, 557 = Pyritic, 558 = Calcareous, 559 = Micaceous, 560 = Glauconitic, 561 = Carbonaceous, 562 = Fossiliferous, 563 = Oolitic, 564 = Pyritic, 565 = Calcareous, 566 = Micaceous, 567 = Glauconitic, 568 = Carbonaceous, 569 = Fossiliferous, 570 = Oolitic, 571 = Pyritic, 572 = Calcareous, 573 = Micaceous, 574 = Glauconitic, 575 = Carbonaceous, 576 = Fossiliferous, 577 = Oolitic, 578 = Pyritic, 579 = Calcareous, 580 = Micaceous, 581 = Glauconitic, 582 = Carbonaceous, 583 = Fossiliferous, 584 = Oolitic, 585 = Pyritic, 586 = Calcareous, 587 = Micaceous, 588 = Glauconitic, 589 = Carbonaceous, 590 = Fossiliferous, 591 = Oolitic, 592 = Pyritic, 593 = Calcareous, 594 = Micaceous, 595 = Glauconitic, 596 = Carbonaceous, 597 = Fossiliferous, 598 = Oolitic, 599 = Pyritic, 600 = Calcareous

SECONDARY MINERALOGY: 601 = Micaceous, 602 = Glauconitic, 603 = Carbonaceous, 604 = Fossiliferous, 605 = Oolitic, 606 = Pyritic, 607 = Calcareous, 608 = Micaceous, 609 = Glauconitic, 610 = Carbonaceous, 611 = Fossiliferous, 612 = Oolitic, 613 = Pyritic, 614 = Calcareous, 615 = Micaceous, 616 = Glauconitic, 617 = Carbonaceous, 618 = Fossiliferous, 619 = Oolitic, 620 = Pyritic, 621 = Calcareous, 622 = Micaceous, 623 = Glauconitic, 624 = Carbonaceous, 625 = Fossiliferous, 626 = Oolitic, 627 = Pyritic, 628 = Calcareous, 629 = Micaceous, 630 = Glauconitic, 631 = Carbonaceous, 632 = Fossiliferous, 633 = Oolitic, 634 = Pyritic, 635 = Calcareous, 636 = Micaceous, 637 = Glauconitic, 638 = Carbonaceous, 639 = Fossiliferous, 640 = Oolitic, 641 = Pyritic, 642 = Calcareous, 643 = Micaceous, 644 = Glauconitic, 645 = Carbonaceous, 646 = Fossiliferous, 647 = Oolitic, 648 = Pyritic, 649 = Calcareous, 650 = Micaceous, 651 = Glauconitic, 652 = Carbonaceous, 653 = Fossiliferous, 654 = Oolitic, 655 = Pyritic, 656 = Calcareous, 657 = Micaceous, 658 = Glauconitic, 659 = Carbonaceous, 660 = Fossiliferous, 661 = Oolitic, 662 = Pyritic, 663 = Calcareous, 664 = Micaceous, 665 = Glauconitic, 666 = Carbonaceous, 667 = Fossiliferous, 668 = Oolitic, 669 = Pyritic, 670 = Calcareous, 671 = Micaceous, 672 = Glauconitic, 673 = Carbonaceous, 674 = Fossiliferous, 675 = Oolitic, 676 = Pyritic, 677 = Calcareous, 678 = Micaceous, 679 = Glauconitic, 680 = Carbonaceous, 681 = Fossiliferous, 682 = Oolitic, 683 = Pyritic, 684 = Calcareous, 685 = Micaceous, 686 = Glauconitic, 687 = Carbonaceous, 688 = Fossiliferous, 689 = Oolitic, 690 = Pyritic, 691 = Calcareous, 692 = Micaceous, 693 = Glauconitic, 694 = Carbonaceous, 695 = Fossiliferous, 696 = Oolitic, 697 = Pyritic, 698 = Calcareous, 699 = Micaceous, 700 = Glauconitic

SECONDARY MINERALOGY: 701 = Carbonaceous, 702 = Fossiliferous, 703 = Oolitic, 704 = Pyritic, 705 = Calcareous, 706 = Micaceous, 707 = Glauconitic, 708 = Carbonaceous, 709 = Fossiliferous, 710 = Oolitic, 711 = Pyritic, 712 = Calcareous, 713 = Micaceous, 714 = Glauconitic, 715 = Carbonaceous, 716 = Fossiliferous, 717 = Oolitic, 718 = Pyritic, 719 = Calcareous, 720 = Micaceous, 721 = Glauconitic, 722 = Carbonaceous, 723 = Fossiliferous, 724 = Oolitic, 725 = Pyritic, 726 = Calcareous, 727 = Micaceous, 728 = Glauconitic, 729 = Carbonaceous, 730 = Fossiliferous, 731 = Oolitic, 732 = Pyritic, 733 = Calcareous, 734 = Micaceous, 735 = Glauconitic, 736 = Carbonaceous, 737 = Fossiliferous, 738 = Oolitic, 739 = Pyritic, 740 = Calcareous, 741 = Micaceous, 742 = Glauconitic, 743 = Carbonaceous, 744 = Fossiliferous, 745 = Oolitic, 746 = Pyritic, 747 = Calcareous, 748 = Micaceous, 749 = Glauconitic, 750 = Carbonaceous, 751 = Fossiliferous, 752 = Oolitic, 753 = Pyritic, 754 = Calcareous, 755 = Micaceous, 756 = Glauconitic, 757 = Carbonaceous, 758 = Fossiliferous, 759 = Oolitic, 760 = Pyritic, 761 = Calcareous, 762 = Micaceous, 763 = Glauconitic, 764 = Carbonaceous, 765 = Fossiliferous, 766 = Oolitic, 767 = Pyritic, 768 = Calcareous, 769 = Micaceous, 770 = Glauconitic, 771 = Carbonaceous, 772 = Fossiliferous, 773 = Oolitic, 774 = Pyritic, 775 = Calcareous, 776 = Micaceous, 777 = Glauconitic, 778 = Carbonaceous, 779 = Fossiliferous, 780 = Oolitic, 781 = Pyritic, 782 = Calcareous, 783 = Micaceous, 784 = Glauconitic, 785 = Carbonaceous, 786 = Fossiliferous, 787 = Oolitic, 788 = Pyritic, 789 = Calcareous, 790 = Micaceous, 791 = Glauconitic, 792 = Carbonaceous, 793 = Fossiliferous, 794 = Oolitic, 795 = Pyritic, 796 = Calcareous, 797 = Micaceous, 798 = Glauconitic, 799 = Carbonaceous, 800 = Fossiliferous

SECONDARY MINERALOGY: 801 = Oolitic, 802 = Pyritic, 803 = Calcareous, 804 = Micaceous, 805 = Glauconitic, 806 = Carbonaceous, 807 = Fossiliferous, 808 = Oolitic, 809 = Pyritic, 810 = Calcareous, 811 = Micaceous, 812 = Glauconitic, 813 = Carbonaceous, 814 = Fossiliferous, 815 = Oolitic, 816 = Pyritic, 817 = Calcareous, 818 = Micaceous, 819 = Glauconitic, 820 = Carbonaceous, 821 = Fossiliferous, 822 = Oolitic, 823 = Pyritic, 824 = Calcareous, 825 = Micaceous, 826 = Glauconitic, 827 = Carbonaceous, 828 = Fossiliferous, 829 = Oolitic, 830 = Pyritic, 831 = Calcareous, 832 = Micaceous, 833 = Glauconitic, 834 = Carbonaceous, 835 = Fossiliferous, 836 = Oolitic, 837 = Pyritic, 838 = Calcareous, 839 = Micaceous, 840 = Glauconitic, 841 = Carbonaceous, 842 = Fossiliferous, 843 = Oolitic, 844 = Pyritic, 845 = Calcareous, 846 = Micaceous, 847 = Glauconitic, 848 = Carbonaceous, 849 = Fossiliferous, 850 = Oolitic, 851 = Pyritic, 852 = Calcareous, 853 = Micaceous, 854 = Glauconitic, 855 = Carbonaceous, 856 = Fossiliferous, 857 = Oolitic, 858 = Pyritic, 859 = Calcareous, 860 = Micaceous, 861 = Glauconitic, 862 = Carbonaceous, 863 = Fossiliferous, 864 = Oolitic, 865 = Pyritic, 866 = Calcareous, 867 = Micaceous, 868 = Glauconitic, 869 = Carbonaceous, 870 = Fossiliferous, 871 = Oolitic, 872 = Pyritic, 873 = Calcareous, 874 = Micaceous, 875 = Glauconitic, 876 = Carbonaceous, 877 = Fossiliferous, 878 = Oolitic, 879 = Pyritic, 880 = Calcareous, 881 = Micaceous, 882 = Glauconitic, 883 = Carbonaceous, 884 = Fossiliferous, 885 = Oolitic, 886 = Pyritic, 887 = Calcareous, 888 = Micaceous, 889 = Glauconitic, 890 = Carbonaceous, 891 = Fossiliferous, 892 = Oolitic, 893 = Pyritic, 894 = Calcareous, 895 = Micaceous, 896 = Glauconitic, 897 = Carbonaceous, 898 = Fossiliferous, 899 = Oolitic, 900 = Pyritic

SECONDARY MINERALOGY: 901 = Calcareous, 902 = Micaceous, 903 = Glauconitic, 904 = Carbonaceous, 905 = Fossiliferous, 906 = Oolitic, 907 = Pyritic, 908 = Calcareous, 909 = Micaceous, 910 = Glauconitic, 911 = Carbonaceous, 912 = Fossiliferous, 913 = Oolitic, 914 = Pyritic, 915 = Calcareous, 916 = Micaceous, 917 = Glauconitic, 918 = Carbonaceous, 919 = Fossiliferous, 920 = Oolitic, 921 = Pyritic, 922 = Calcareous, 923 = Micaceous, 924 = Glauconitic, 925 = Carbonaceous, 926 = Fossiliferous, 927 = Oolitic, 928 = Pyritic, 929 = Calcareous, 930 = Micaceous, 931 = Glauconitic, 932 = Carbonaceous, 933 = Fossiliferous, 934 = Oolitic, 935 = Pyritic, 936 = Calcareous, 937 = Micaceous, 938 = Glauconitic, 939 = Carbonaceous, 940 = Fossiliferous, 941 = Oolitic, 942 = Pyritic, 943 = Calcareous, 944 = Micaceous, 945 = Glauconitic, 946 = Carbonaceous, 947 = Fossiliferous, 948 = Oolitic, 949 = Pyritic, 950 = Calcareous, 951 = Micaceous, 952 = Glauconitic, 953 = Carbonaceous, 954 = Fossiliferous, 955 = Oolitic, 956 = Pyritic, 957 = Calcareous, 958 = Micaceous, 959 = Glauconitic, 960 = Carbonaceous, 961 = Fossiliferous, 962 = Oolitic, 963 = Pyritic, 964 = Calcareous, 965 = Micaceous, 966 = Glauconitic, 967 = Carbonaceous, 968 = Fossiliferous, 969 = Oolitic, 970 = Pyritic, 971 = Calcareous, 972 = Micaceous, 973 = Glauconitic, 974 = Carbonaceous, 975 = Fossiliferous, 976 = Oolitic, 977 = Pyritic, 978 = Calcareous, 979 = Micaceous, 980 = Glauconitic, 981 = Carbonaceous, 982 = Fossiliferous, 983 = Oolitic, 984 = Pyritic, 985 = Calcareous, 986 = Micaceous, 987 = Glauconitic, 988 = Carbonaceous, 989 = Fossiliferous, 990 = Oolitic, 991 = Pyritic, 992 = Calcareous, 993 = Micaceous, 994 = Glauconitic, 995 = Carbonaceous, 996 = Fossiliferous, 997 = Oolitic, 998 = Pyritic, 999 = Calcareous, 1000 = Micaceous

SECONDARY MINERALOGY: 1001 = Glauconitic, 1002 = Carbonaceous, 1003 = Fossiliferous, 1004 = Oolitic, 1005 = Pyritic, 1006 = Calcareous, 1007 = Micaceous, 1008 = Glauconitic, 1009 = Carbonaceous, 1010 = Fossiliferous, 1011 = Oolitic, 1012 = Pyritic, 1013 = Calcareous, 1014 = Micaceous, 1015 = Glauconitic, 1016 = Carbonaceous, 1017 = Fossiliferous, 1018 = Oolitic, 1019 = Pyritic, 1020 = Calcareous, 1021 = Micaceous, 1022 = Glauconitic, 1023 = Carbonaceous, 1024 = Fossiliferous, 1025 = Oolitic, 1026 = Pyritic, 1027 = Calcareous, 1028 = Micaceous, 1029 = Glauconitic, 1030 = Carbonaceous, 1031 = Fossiliferous, 1032 = Oolitic, 1033 = Pyritic, 1034 = Calcareous, 1035 = Micaceous, 1036 = Glauconitic, 1037 = Carbonaceous, 1038 = Fossiliferous, 1039 = Oolitic, 1040 = Pyritic, 1041 = Calcareous, 1042 = Micaceous, 1043 = Glauconitic, 1044 = Carbonaceous, 1045 = Fossiliferous, 1046 = Oolitic, 1047 = Pyritic, 1048 = Calcareous, 1049 = Micaceous, 1050 = Glauconitic, 1051 = Carbonaceous, 1052 = Fossiliferous, 1053 = Oolitic, 1054 = Pyritic, 1055 = Calcareous, 1056 = Micaceous, 1057 = Glauconitic, 1058 = Carbonaceous, 1059 = Fossiliferous, 1060 = Oolitic, 1061 = Pyritic, 1062 = Calcareous, 1063 = Micaceous, 1064 = Glauconitic, 1065 = Carbonaceous, 1066 = Fossiliferous, 1067 = Oolitic, 1068 = Pyritic, 1069 = Calcareous, 1070 = Micaceous, 1071 = Glauconitic, 1072 = Carbonaceous, 1073 = Fossiliferous, 1074 = Oolitic, 1075 = Pyritic, 1076 = Calcareous, 1077 = Micaceous, 1078 = Glauconitic, 1079 = Carbonaceous, 1080 = Fossiliferous, 1081 = Oolitic, 1082 = Pyritic, 1083 = Calcareous, 1084 = Micaceous, 1085 = Glauconitic, 1086 = Carbonaceous, 1087 = Fossiliferous, 1088 = Oolitic, 1089 = Pyritic, 1090 = Calcareous, 1091 = Micaceous, 1092 = Glauconitic, 1093 = Carbonaceous, 1094 = Fossiliferous, 1095 = Oolitic, 1096 = Pyritic, 1097 = Calcareous, 1098 = Micaceous, 1099 = Glauconitic, 1100 = Carbonaceous

SECONDARY MINERALOGY: 1101 = Fossiliferous, 1102 = Oolitic, 1103 = Pyritic, 1104 = Calcareous, 1105 = Micaceous, 1106 = Glauconitic, 1107 = Carbonaceous, 1108 = Fossiliferous, 1109 = Oolitic, 1110 = Pyritic, 1111 = Calcareous, 1112 = Micaceous, 1113 = Glauconitic, 1114 = Carbonaceous, 1115 = Fossiliferous, 1116 = Oolitic, 1117 = Pyritic, 1118 = Calcareous, 1119 = Micaceous, 1120 = Glauconitic, 1121 = Carbonaceous, 1122 = Fossiliferous, 1123 = Oolitic, 1124 = Pyritic, 1125 = Calcareous, 1126 = Micaceous, 1127 = Glauconitic, 1128 = Carbonaceous, 1129 = Fossiliferous, 1130 = Oolitic, 1131 = Pyritic, 1132 = Calcareous, 1133 = Micaceous, 1134 = Glauconitic, 1135 = Carbonaceous, 1136 = Fossiliferous, 1137 = Oolitic, 1138 = Pyritic, 1139 = Calcareous, 1140 = Micaceous, 1141 = Glauconitic, 1142 = Carbonaceous, 1143 = Fossiliferous, 1144 = Oolitic, 1145 = Pyritic, 1146 = Calcareous, 1147 = Micaceous, 1148 = Glauconitic, 1149 = Carbonaceous, 1150 = Fossiliferous, 1151 = Oolitic, 1152 = Pyritic, 1153 = Calcareous, 1154 = Micaceous, 1155 = Glauconitic, 1156 = Carbonaceous, 1157 = Fossiliferous, 1158 = Oolitic, 1159 = Pyritic, 1160 = Calcareous, 1161 = Micaceous, 1162 = Glauconitic, 1163 = Carbonaceous, 1164 = Fossiliferous, 1165 = Oolitic, 1166 = Pyritic, 1167 = Calcareous, 1168 = Micaceous, 1169 = Glauconitic, 1170 = Carbonaceous, 1171 = Fossiliferous, 1172 = Oolitic, 1173 = Pyritic, 1174 = Calcareous, 1175 = Micaceous, 1176 = Glauconitic, 1177 = Carbonaceous, 1178 = Fossiliferous, 1179 = Oolitic, 1180 = Pyritic, 1181 = Calcareous, 1182 = Micaceous, 1183 = Glauconitic, 1184 = Carbonaceous, 1185 = Fossiliferous, 1186 = Oolitic, 1187 = Pyritic, 1188 = Calcareous, 1189 = Micaceous, 1190 = Glauconitic, 1191 = Carbonaceous, 1192 = Fossiliferous, 1193 = Oolitic, 1194 = Pyritic, 1195 = Calcareous, 1196 = Micaceous, 1197 = Glauconitic, 1198 = Carbonaceous, 1199 = Fossiliferous, 1200 = Oolitic

SECONDARY MINERALOGY: 1201 = Pyritic, 1202 = Calcareous, 1203 = Micaceous, 1204 = Glauconitic, 1205 = Carbonaceous, 1206 = Fossiliferous, 1207 = Oolitic, 1208 = Pyritic, 1209 = Calcareous, 1210 = Micaceous, 1211 = Glauconitic, 1212 = Carbonaceous, 1213 = Fossiliferous, 1214 = Oolitic, 1215 = Pyritic, 1216 = Calcareous, 1217 = Micaceous, 1218 = Glauconitic, 1219 = Carbonaceous, 1220 = Fossiliferous, 1221 = Oolitic, 1222 = Pyritic, 1223 = Calcareous, 1224 = Micaceous, 1225 = Glauconitic, 1226 = Carbonaceous, 1227 = Fossiliferous, 1228 = Oolitic, 1229 = Pyritic, 1230 = Calcareous, 1231 = Micaceous, 1232 = Glauconitic, 1233 = Carbonaceous, 1234 = Fossiliferous, 1235 = Oolitic, 1236 = Pyritic, 1237 = Calcareous, 1238 = Micaceous, 1239 = Glauconitic, 1240 = Carbonaceous, 1241 = Fossiliferous, 1242 = Oolitic, 1243 = Pyritic, 1244 = Calcareous, 1245 = Micaceous, 1246 = Glauconitic, 1247 = Carbonaceous, 1248 = Fossiliferous, 1249 = Oolitic, 1250 = Pyritic, 1251 = Calcareous, 1252 = Micaceous, 1253 = Glauconitic, 1254 = Carbonaceous, 1255 = Fossiliferous, 1256 = Oolitic, 1257 = Pyritic, 1258 = Calcareous, 1259 = Micaceous, 1260 = Glauconitic, 1261 = Carbonaceous, 1262 = Fossiliferous, 1263 = Oolitic, 1264 = Pyritic, 1265 = Calcareous, 1266 = Micaceous, 1267 = Glauconitic, 1268 = Carbonaceous, 1269 = Fossiliferous, 1270 = Oolitic, 1271 = Pyritic, 1272 = Calcareous, 1273 = Micaceous, 1274 = Glauconitic, 1275 = Carbonaceous, 1276 = Fossiliferous, 1277 = Oolitic, 1278 = Pyritic, 1279 = Calcareous, 1280 = Micaceous, 1281 = Glauconitic, 1282 = Carbonaceous, 1283 = Fossiliferous, 1284 = Oolitic, 1285 = Pyritic, 1286 = Calcareous, 1287 = Micaceous, 1288 = Glauconitic, 1289 = Carbonaceous, 1290 = Fossiliferous, 1291 = Oolitic, 1292 = Pyritic, 1293 = Calcare