

## CUATERNARIO

BUENA \_\_\_\_ B  
PROBABLE \_\_ P  
DUDOSA \_\_\_\_ D

42

OBSERVACIONES GRAVAS Arenas Arcillosas con Cantos valle de Visam  
toña

**INFORMACION  
ADICIONAL**

|   |    |    |    |    |
|---|----|----|----|----|
| 1 | 80 | 49 | 46 | 45 |
|---|----|----|----|----|

LITOLOGIAS

|    |   |   |   |   |   |   |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|----|---|---|---|---|---|---|--|--|--|--|--|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| 19 | C | U | A | R | Z | 0 |  |  |  |  |  | Q | Z |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19 |   |   |   |   |   |   |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19 |   |   |   |   |   |   |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

|      | A   | B   | C   | AC | R1 | R2 | LIT. | A   | B | C | AC | R1 | R2 | LIT. |
|------|-----|-----|-----|----|----|----|------|-----|---|---|----|----|----|------|
| 915  |     |     |     |    |    |    | QZ   | 239 |   |   |    |    |    | QZ   |
| 913  |     |     |     |    |    |    | QZ   | 269 |   |   |    |    |    | QZ   |
| 1045 |     |     |     |    |    |    | QZ   | 235 |   |   |    |    |    | QZ   |
| 745  |     |     |     |    |    |    | QZ   | 225 |   |   |    |    |    | QZ   |
| 742  |     |     |     |    |    |    | QZ   | 220 |   |   |    |    |    | QZ   |
| 690  |     |     |     |    |    |    | QZ   | 230 |   |   |    |    |    | QZ   |
| 654  |     |     |     |    |    |    | QZ   | 243 |   |   |    |    |    | QZ   |
| 590  | 917 | 293 | 365 | 4  | 5  |    | QZ   | 206 |   |   |    |    |    | QZ   |
| 601  |     |     |     |    |    |    | QZ   | 201 |   |   |    |    |    | QZ   |
| 529  | 528 | 369 | 398 | 3  | 4  |    | QZ   | 209 |   |   |    |    |    | QZ   |
| 697  |     |     |     |    |    |    | QZ   | 201 |   |   |    |    |    | QZ   |
| 598  | 357 | 220 | 397 | 4  | 6  |    | QZ   | 235 |   |   |    |    |    | QZ   |
| 526  | 392 | 220 | 365 | 2  | 4  |    | QZ   | 234 |   |   |    |    |    | QZ   |
| 453  | 286 | 238 | 317 | 8  | 10 |    | QZ   | 296 |   |   |    |    |    | QZ   |
| 598  | 340 | 265 | 360 | 2  | 3  |    | QZ   | 210 |   |   |    |    |    | QZ   |
| 527  | 260 | 160 | 403 | 2  | 3  |    | QZ   | 339 |   |   |    |    |    | QZ   |
| 414  | 390 | 393 | 309 | 2  | 3  |    | QZ   | 215 |   |   |    |    |    | QZ   |
| 530  | 350 | 160 | 408 | 2  | 3  |    | QZ   | 286 |   |   |    |    |    | QZ   |
| 383  | 234 | 180 | 297 | 2  | 3  |    | QZ   | 223 |   |   |    |    |    | QZ   |
| 508  | 199 | 163 | 270 | 2  | 6  |    | QZ   | 201 |   |   |    |    |    | QZ   |
| 629  |     |     |     |    |    |    | QZ   | 214 |   |   |    |    |    | QZ   |
| 365  |     |     |     |    |    |    | QZ   | 245 |   |   |    |    |    | QZ   |
| 380  |     |     |     |    |    |    | QZ   | 238 |   |   |    |    |    | QZ   |
| 360  |     |     |     |    |    |    | QZ   | 200 |   |   |    |    |    | QZ   |
| 340  |     |     |     |    |    |    | QZ   | 254 |   |   |    |    |    | QZ   |
| 464  | 229 | 110 | 298 | 3  | 4  |    | QZ   | 215 |   |   |    |    |    | QZ   |
| 460  | 165 | 230 | 395 | 2  | 3  |    | QZ   | 214 |   |   |    |    |    | QZ   |
| 401  | 180 | 117 | 319 | 3  | 4  |    | QZ   | 208 |   |   |    |    |    | QZ   |
| 829  |     |     |     |    |    |    | QZ   |     |   |   |    |    |    |      |
| 317  |     |     |     |    |    |    | QZ   |     |   |   |    |    |    |      |
| 373  |     |     |     |    |    |    | QZ   |     |   |   |    |    |    |      |
| 635  |     |     |     |    |    |    | QZ   |     |   |   |    |    |    |      |
| 360  |     |     |     |    |    |    | QZ   |     |   |   |    |    |    |      |
| 366  |     |     |     |    |    |    | QZ   |     |   |   |    |    |    |      |
| 389  |     |     |     |    |    |    | QZ   |     |   |   |    |    |    |      |
| 320  |     |     |     |    |    |    | QZ   |     |   |   |    |    |    |      |
| 229  |     |     |     |    |    |    | QZ   |     |   |   |    |    |    |      |
| 250  |     |     |     |    |    |    | QZ   |     |   |   |    |    |    |      |
| 237  |     |     |     |    |    |    | QZ   |     |   |   |    |    |    |      |
| 298  |     |     |     |    |    |    | QZ   |     |   |   |    |    |    |      |
| 674  |     |     |     |    |    |    | QZ   |     |   |   |    |    |    |      |
| 251  |     |     |     |    |    |    | QZ   |     |   |   |    |    |    |      |
| 333  |     |     |     |    |    |    | QZ   |     |   |   |    |    |    |      |
| 340  |     |     |     |    |    |    | QZ   |     |   |   |    |    |    |      |
| 255  |     |     |     |    |    |    | QZ   |     |   |   |    |    |    |      |
| 284  |     |     |     |    |    |    | QZ   |     |   |   |    |    |    |      |
| 285  |     |     |     |    |    |    | QZ   |     |   |   |    |    |    |      |
| 473  | 369 | 120 | 314 | 4  | 7  |    | QZ   |     |   |   |    |    |    |      |
| 300  |     |     |     |    |    |    | QZ   |     |   |   |    |    |    |      |
| 201  |     |     |     |    |    |    | QZ   |     |   |   |    |    |    |      |



A horizontal number line with vertical tick marks. The number 15 is written below the first tick mark on the left, and the number 18 is written below the fourth tick mark on the right. There are three tick marks between 15 and 18, representing the numbers 16, 17, and 18.

**MORFOMETRIA , ESPECTRO  
LITOLOGICO Y CANTOMETRIA**

MAGNA

CODIGO

EDAD

INFORME

TAMAÑO MUESTRA

Nº DE  
LITOLOGIA

## PROCEDIMIENTO

### VALORACION

FOSILES \_\_\_\_\_ F  
ESTRATIGRAFICA \_\_\_\_\_ E  
MICROFACIES \_\_\_\_\_ M  
LITOLOGIA \_\_\_\_\_ L

BUENA \_\_\_\_\_ B  
PROBABLE \_\_\_\_\_ P  
DUDOSA \_\_\_\_\_ D

## AMBIENTE

OBSERVACIONES GRABAS Arcilla Arenosa con Cantos al N del Valle de  
JUANCELA

INFORMACION  
ADICIONAL

## CODIGOS

DE

## LITOLOGIAS

[illegible]

|    | A   | B   | C   | AC  | R1 | R2 | LIT. | A | B | C | AC | R1 | R2 | LIT. |
|----|-----|-----|-----|-----|----|----|------|---|---|---|----|----|----|------|
| 19 | 499 | 365 | 210 | 358 | 1  | 2  | Q2   |   |   |   |    |    |    |      |
|    | 727 |     |     |     |    |    | Q2   |   |   |   |    |    |    |      |
|    | 565 | 395 | 226 | 397 | 2  | 3  | CU   |   |   |   |    |    |    |      |
|    | 333 | 272 | 264 | 254 | 1  | 2  | CU   |   |   |   |    |    |    |      |
|    | 620 |     |     |     |    |    | Q2   |   |   |   |    |    |    |      |
|    | 505 | 395 | 310 | 299 | 3  | 5  | Q2   |   |   |   |    |    |    |      |
|    | 559 | 321 | 153 | 407 | 3  | 5  | Q2   |   |   |   |    |    |    |      |
|    | 409 | 330 | 270 | 407 | 3  | 5  | Q2   |   |   |   |    |    |    |      |
|    | 490 | 425 | 240 | 365 | 2  | 3  | Q2   |   |   |   |    |    |    |      |
|    | 448 | 360 | 308 | 311 | 1  | 2  | Q2   |   |   |   |    |    |    |      |
|    | 442 | 382 | 230 | 315 | 4  | 6  | Q2   |   |   |   |    |    |    |      |
|    | 493 | 275 | 146 | 368 | 1  | 5  | Q2   |   |   |   |    |    |    |      |
|    | 425 | 286 | 156 | 265 | 2  | 6  | Q2   |   |   |   |    |    |    |      |
|    | 428 | 273 | 238 | 309 | 3  | 4  | Q2   |   |   |   |    |    |    |      |
|    | 428 | 235 | 164 | 312 | 1  | 2  | Q2   |   |   |   |    |    |    |      |
|    | 334 |     |     |     |    |    | Q2   |   |   |   |    |    |    |      |
|    | 369 |     |     |     |    |    | Q2   |   |   |   |    |    |    |      |
|    | 349 |     |     |     |    |    | Q2   |   |   |   |    |    |    |      |
|    | 275 |     |     |     |    |    | Q2   |   |   |   |    |    |    |      |
|    | 324 |     |     |     |    |    | Q2   |   |   |   |    |    |    |      |
|    | 340 |     |     |     |    |    | Q2   |   |   |   |    |    |    |      |
|    | 276 |     |     |     |    |    | Q2   |   |   |   |    |    |    |      |
|    | 290 |     |     |     |    |    | Q2   |   |   |   |    |    |    |      |
|    | 356 |     |     |     |    |    | Q2   |   |   |   |    |    |    |      |
|    | 287 |     |     |     |    |    | Q2   |   |   |   |    |    |    |      |
|    | 249 |     |     |     |    |    | Q2   |   |   |   |    |    |    |      |
|    | 386 |     |     |     |    |    | Q2   |   |   |   |    |    |    |      |
|    | 309 |     |     |     |    |    | Q2   |   |   |   |    |    |    |      |
|    | 336 |     |     |     |    |    | Q2   |   |   |   |    |    |    |      |
|    | 253 |     |     |     |    |    | Q2   |   |   |   |    |    |    |      |
|    | 299 |     |     |     |    |    | Q2   |   |   |   |    |    |    |      |
|    | 290 |     |     |     |    |    | Q2   |   |   |   |    |    |    |      |
|    | 257 |     |     |     |    |    | Q2   |   |   |   |    |    |    |      |
|    | 266 |     |     |     |    |    | Q2   |   |   |   |    |    |    |      |
|    | 255 |     |     |     |    |    | Q2   |   |   |   |    |    |    |      |
|    | 264 |     |     |     |    |    | Q2   |   |   |   |    |    |    |      |
|    | 200 |     |     |     |    |    | Q2   |   |   |   |    |    |    |      |
|    | 269 |     |     |     |    |    | Q2   |   |   |   |    |    |    |      |
|    | 220 |     |     |     |    |    | Q2   |   |   |   |    |    |    |      |
|    | 290 |     |     |     |    |    | Q2   |   |   |   |    |    |    |      |
|    | 275 |     |     |     |    |    | Q2   |   |   |   |    |    |    |      |
|    | 257 |     |     |     |    |    | Q2   |   |   |   |    |    |    |      |
|    | 210 |     |     |     |    |    | Q2   |   |   |   |    |    |    |      |
|    | 273 |     |     |     |    |    | Q2   |   |   |   |    |    |    |      |
|    | 217 |     |     |     |    |    | Q2   |   |   |   |    |    |    |      |
|    | 201 |     |     |     |    |    | Q2   |   |   |   |    |    |    |      |
|    | 200 |     |     |     |    |    | Q2   |   |   |   |    |    |    |      |
|    | 284 |     |     |     |    |    | Q2   |   |   |   |    |    |    |      |
|    | 206 |     |     |     |    |    | Q2   |   |   |   |    |    |    |      |
|    | 209 |     |     |     |    |    | Q2   |   |   |   |    |    |    |      |



EDAD

## CUATERNARIO

CODIGO

EDAD

INFORME

TAMAÑO  
MUESTRA

Nº DE  
LITOLOGIA

## PROCEDIMIENTO

### VALORACION

FOSILES \_\_\_\_\_ F  
ESTRATIGRAFICA \_\_\_\_\_ E  
MICROFACIES \_\_\_\_\_ M  
LITOLOGIA \_\_\_\_\_ L

BUENA \_\_\_\_\_ B  
PROBABLE \_\_\_\_\_ P  
DUDOSA \_\_\_\_\_ D

## AMBIENTE

OBSERVACIONES Alvial superficial conglomerático 60cms. de potencia

INFORMACION  
ADICIONAL

1

### CODIGOS

DE

LITOLOGIAS

[illegible]

|    | A   | B   | C   | AC  | R1 | R2 | LIT. | A   | B | C | AC | R1 | R2 | LIT. |
|----|-----|-----|-----|-----|----|----|------|-----|---|---|----|----|----|------|
| 19 | 785 |     |     |     |    |    | Q2   | 305 |   |   |    |    |    | Q2   |
|    | 755 |     |     |     |    |    | Q2   | 305 |   |   |    |    |    | Q2   |
|    | 729 |     |     |     |    |    | Q2   | 330 |   |   |    |    |    | Q2   |
|    | 712 |     |     |     |    |    | Q2   | 243 |   |   |    |    |    | Q2   |
|    | 666 |     |     |     |    |    | Q2   | 255 |   |   |    |    |    | Q2   |
|    | 673 |     |     |     |    |    | Q2   | 278 |   |   |    |    |    | Q2   |
|    | 485 | 283 | 200 | 311 | 1  | 2  | Q2   | 250 |   |   |    |    |    | Q2   |
|    | 462 | 415 | 294 | 339 | 2  | 4  | Q2   | 215 |   |   |    |    |    | Q2   |
|    | 517 | 348 | 225 | 390 | 2  | 4  | Q2   | 240 |   |   |    |    |    | Q2   |
|    | 453 | 335 | 130 | 305 | 3  | 4  | Q2   | 235 |   |   |    |    |    | Q2   |
|    | 396 |     |     |     |    |    | Q2   | 375 |   |   |    |    |    | Q2   |
|    | 377 |     |     |     |    |    | Q2   | 337 |   |   |    |    |    | Q2   |
|    | 470 | 436 | 135 | 328 | 2  | 4  | Q2   | 248 |   |   |    |    |    | Q2   |
|    | 401 | 320 | 139 | 270 | 2  | 5  | Q2   | 215 |   |   |    |    |    | Q2   |
|    | 332 |     |     |     |    |    | Q2   | 255 |   |   |    |    |    | Q2   |
|    | 340 |     |     |     |    |    | Q2   | 242 |   |   |    |    |    | Q2   |
|    | 405 | 223 | 130 | 297 | 2  | 3  | Q2   | 225 |   |   |    |    |    | Q2   |
|    | 399 |     |     |     |    |    | Q2   | 257 |   |   |    |    |    | Q2   |
|    | 387 |     |     |     |    |    | Q2   | 256 |   |   |    |    |    | Q2   |
|    | 399 |     |     |     |    |    | Q2   | 224 |   |   |    |    |    | Q2   |
|    | 520 | 410 | 257 | 328 | 4  | 5  | Q2   | 228 |   |   |    |    |    | Q2   |
|    | 260 |     |     |     |    |    | Q2   | 246 |   |   |    |    |    | Q2   |
|    | 414 | 355 | 197 | 310 | 2  | 3  | Q2   | 200 |   |   |    |    |    | Q2   |
|    | 310 |     |     |     |    |    | Q2   | 258 |   |   |    |    |    | Q2   |
|    | 439 | 260 | 195 | 335 | 2  | 6  | Q2   | 232 |   |   |    |    |    | Q2   |
|    | 405 | 316 | 188 | 300 | 1  | 2  | Q2   | 203 |   |   |    |    |    | Q2   |
|    | 387 |     |     |     |    |    | Q2   | 201 |   |   |    |    |    | Q2   |
|    | 310 |     |     |     |    |    | Q2   | 220 |   |   |    |    |    | Q2   |
|    | 286 |     |     |     |    |    | Q2   | 223 |   |   |    |    |    | Q2   |
|    | 312 |     |     |     |    |    | Q2   | 263 |   |   |    |    |    | Q2   |
|    | 285 |     |     |     |    |    | Q2   | 233 |   |   |    |    |    | Q2   |
|    | 350 |     |     |     |    |    | Q2   | 265 |   |   |    |    |    | Q2   |
|    | 310 |     |     |     |    |    | Q2   | 205 |   |   |    |    |    | Q2   |
|    | 373 |     |     |     |    |    | Q2   | 233 |   |   |    |    |    | Q2   |
|    | 253 |     |     |     |    |    | Q2   | 200 |   |   |    |    |    | Q2   |
|    | 373 |     |     |     |    |    | Q2   | 221 |   |   |    |    |    | Q2   |
|    | 314 |     |     |     |    |    | Q2   | 214 |   |   |    |    |    | Q2   |
|    | 269 |     |     |     |    |    | Q2   | 213 |   |   |    |    |    | Q2   |
|    | 277 |     |     |     |    |    | Q2   | 203 |   |   |    |    |    | Q2   |
|    | 228 |     |     |     |    |    | Q2   | 204 |   |   |    |    |    | Q2   |
|    | 330 |     |     |     |    |    | Q2   | 200 |   |   |    |    |    | Q2   |
|    | 200 |     |     |     |    |    | Q2   | 211 |   |   |    |    |    | Q2   |
|    | 370 |     |     |     |    |    | Q2   | 208 |   |   |    |    |    | Q2   |
|    | 329 |     |     |     |    |    | Q2   | 200 |   |   |    |    |    | Q2   |
|    | 250 |     |     |     |    |    | Q2   | 230 |   |   |    |    |    | Q2   |
|    | 217 |     |     |     |    |    | Q2   | 200 |   |   |    |    |    | Q2   |
|    | 285 |     |     |     |    |    | Q2   | 234 |   |   |    |    |    | Q2   |
|    | 285 |     |     |     |    |    | Q2   | 241 |   |   |    |    |    | Q2   |
|    | 260 |     |     |     |    |    | Q2   | 202 |   |   |    |    |    | Q2   |
|    | 309 |     |     |     |    |    | Q2   | 212 |   |   |    |    |    | Q2   |