

| PROFUNDIDAD (m) | COLUMNA GEOLOGICA | NOMBRE DE ROCA                    | DESCRIPCION   | VETA                          | ALTERACION SILICIFI | BLANQUEA | PIRITIZA | CLORITZA | NUMERO DE MUESTRAS | PROFUNDIDAD (m) MUESTREO | LARGO DE MUESTRA (cm) | RESULTADO DE ANALISIS |        |        |          |  |  |  |
|-----------------|-------------------|-----------------------------------|---|-------------------------------|---------------------|----------|----------|----------|--------------------|--------------------------|-----------------------|-----------------------|--------|--------|----------|--|--|--|
|                 |                   |                                   |   |                               |                     |          |          |          |                    |                          |                       | Sn (%)                | Zn (%) | Pb (%) | Ag (g/l) |  |  |  |
| 200.08          |                   |                                   | (CONTINUACION)  | VETILLA mol > pr > sid        |                     |          |          |          |                    | 200.08                   | 3                     |                       |        |        |          |  |  |  |
| 210             |                   |                                   |   |                               |                     |          |          |          |                    |                          |                       |                       |        |        |          |  |  |  |
| 217.35          |                   |                                   |   | VETILLA py>ms > sid<br>faz bd |                     |          |          |          |                    | 217.35                   | 3                     |                       |        |        |          |  |  |  |
| 220             |                   |                                   |   |                               |                     |          |          |          |                    |                          |                       |                       |        |        |          |  |  |  |
| 229.0           |                   | PIZARRA                           | GRIS A NEGRO FRACTURADO, BLANDA   |                               |                     |          |          |          |                    |                          |                       |                       |        |        |          |  |  |  |
| 230             |                   | PIZARRA                           | GRIS A NEGRO COMPACTO, DURO ESTRATIFICACION FINAL   |                               |                     |          |          |          |                    |                          |                       |                       |        |        |          |  |  |  |
| 233.20          |                   |                                   | FRACTURADO Y ARCILLOSA  |                               |                     |          |          |          |                    |                          |                       |                       |        |        |          |  |  |  |
| 237.25          |                   |                                   |   |                               |                     |          |          |          |                    |                          |                       |                       |        |        |          |  |  |  |
| 240             |                   |                                   |   |                               |                     |          |          |          |                    |                          |                       |                       |        |        |          |  |  |  |
| 240             |                   |                                   |   |                               |                     |          |          |          |                    |                          |                       |                       |        |        |          |  |  |  |
| 250             |                   |                                   |   |                               |                     |          |          |          |                    |                          |                       |                       |        |        |          |  |  |  |
| 250             |                   |                                   |   |                               |                     |          |          |          |                    |                          |                       |                       |        |        |          |  |  |  |
| 260             |                   |                                   |   |                               |                     |          |          |          |                    |                          |                       |                       |        |        |          |  |  |  |
| 264.3           |                   | PIZARRA                           | GRIS A NEGRO FRACTURADO BLANDA  |                               |                     |          |          |          |                    |                          |                       |                       |        |        |          |  |  |  |
| 270             |                   | ALTERNANCIA DE PIZARRA Y ARENISCA | GRIS A NEGRO COMPACTO, DURO ARENISCA DE COLOR BLANQUEO DE GRANO FINO COMPACTO, ALTERNANCIA DE 10 A 20 cm. |                               |                     |          |          |          |                    |                          |                       |                       |        |        |          |  |  |  |
| 280             |                   | PIZARRA                           | GRIS A NEGRO COMPACTO, DURO ESTRATIFICACION FRIA  |                               |                     |          |          |          |                    |                          |                       |                       |        |        |          |  |  |  |
| 290             |                   |                                   |   |                               |                     |          |          |          |                    |                          |                       |                       |        |        |          |  |  |  |
| 300             |                   |                                   |   |                               |                     |          |          |          |                    |                          |                       |                       |        |        |          |  |  |  |

| PROFUNDIDAD (m) | COLUMNA GEOLOGICA | NOMBRE DE ROCA | DESCRIPCION                                   | VETA | ALTERACION SILICIF. BLANQUEA. PIRITIZ. CLORITIZ. | NUMERO DE MUESTRAS | PROFUNDIDAD DE MUESTREO (m) | LARGO DE MUESTRA (cm) | RESULTADO DE ANALISIS |        |        |          |
|-----------------|-------------------|----------------|---|------|--|--------------------|-----------------------------|-----------------------|-----------------------|--------|--------|----------|
|                 |                   |                |   |      |  |                    |                             |                       | Sn (%)                | Zn (%) | Pb (%) | Ag (g/t) |
| 300             |                   |                | (CONTINUACION)                                |      |  | 0 - 7              | 301.00                      | 4                     | 0.66                  | 15.99  | 0.004  | 89.0     |
| 301.00          |                   |                |   |      |  |                    |                             |                       |                       |        |        |          |
| 302             |                   |                |   |      |  |                    |                             |                       |                       |        |        |          |
| 303             |                   |                |   |      |  |                    |                             |                       |                       |        |        |          |
| 304             |                   |                |   |      |  |                    |                             |                       |                       |        |        |          |
| 305             |                   |                |   |      |  |                    |                             |                       |                       |        |        |          |
| 306             |                   |                |   |      |  |                    |                             |                       |                       |        |        |          |
| 307             |                   |                |   |      |  |                    |                             |                       |                       |        |        |          |
| 308             |                   |                |   |      |  |                    |                             |                       |                       |        |        |          |
| 309             |                   |                |   |      |  |                    |                             |                       |                       |        |        |          |
| 310             |                   |                |   |      |  |                    |                             |                       |                       |        |        |          |
| 311             |                   |                |   |      |  |                    |                             |                       |                       |        |        |          |
| 312             |                   |                |   |      |  |                    |                             |                       |                       |        |        |          |
| 313             |                   |                |   |      |  |                    |                             |                       |                       |        |        |          |
| 314.50          |                   | PIZARRA        | GRIS A NEGRO FRACTURADO BLANDO                |      |  |                    |                             |                       |                       |        |        |          |
| 315             |                   |                |   |      |  |                    |                             |                       |                       |        |        |          |
| 316             |                   |                |   |      |  |                    |                             |                       |                       |        |        |          |
| 317             |                   |                |   |      |  |                    |                             |                       |                       |        |        |          |
| 318             |                   |                |   |      |  |                    |                             |                       |                       |        |        |          |
| 319             |                   |                |   |      |  |                    |                             |                       |                       |        |        |          |
| 320             |                   |                |   |      |  |                    |                             |                       |                       |        |        |          |
| 321             |                   |                |   |      |  |                    |                             |                       |                       |        |        |          |
| 322             |                   |                |   |      |  |                    |                             |                       |                       |        |        |          |
| 323             |                   |                |   |      |  |                    |                             |                       |                       |        |        |          |
| 324             |                   |                |   |      |  |                    |                             |                       |                       |        |        |          |
| 325             |                   |                |   |      |  |                    |                             |                       |                       |        |        |          |
| 326             |                   |                |   |      |  |                    |                             |                       |                       |        |        |          |
| 327             |                   |                |   |      |  |                    |                             |                       |                       |        |        |          |
| 328             |                   |                |   |      |  |                    |                             |                       |                       |        |        |          |
| 329             |                   |                |   |      |  |                    |                             |                       |                       |        |        |          |
| 330             |                   |                |   |      |  |                    |                             |                       |                       |        |        |          |
| 331             |                   |                |   |      |  |                    |                             |                       |                       |        |        |          |
| 332             |                   |                |   |      |  |                    |                             |                       |                       |        |        |          |
| 333             |                   |                |   |      |  |                    |                             |                       |                       |        |        |          |
| 334             |                   |                |   |      |  |                    |                             |                       |                       |        |        |          |
| 335             |                   |                |   |      |  |                    |                             |                       |                       |        |        |          |
| 336             |                   |                |   |      |  |                    |                             |                       |                       |        |        |          |
| 337             |                   |                |   |      |  |                    |                             |                       |                       |        |        |          |
| 337.95          |                   |                |   |      |  |                    | 337.95                      | 3                     |                       |        |        |          |
| 338             |                   |                |   |      |  |                    |                             |                       |                       |        |        |          |
| 339             |                   |                |   |      |  |                    |                             |                       |                       |        |        |          |
| 340             |                   |                |   |      |  |                    |                             |                       |                       |        |        |          |
| 341             |                   |                |   |      |  |                    |                             |                       |                       |        |        |          |
| 342             |                   |                |   |      |  |                    |                             |                       |                       |        |        |          |
| 343             |                   |                |   |      |  |                    |                             |                       |                       |        |        |          |
| 344             |                   |                |   |      |  |                    |                             |                       |                       |        |        |          |
| 345             |                   |                |   |      |  |                    |                             |                       |                       |        |        |          |
| 346             |                   |                |   |      |  |                    |                             |                       |                       |        |        |          |
| 347             |                   |                |   |      |  |                    |                             |                       |                       |        |        |          |
| 348             |                   |                |   |      |  |                    |                             |                       |                       |        |        |          |
| 349             |                   |                |   |      |  |                    |                             |                       |                       |        |        |          |
| 350             |                   |                |   |      |  |                    |                             |                       |                       |        |        |          |
| 351             |                   |                |   |      |  |                    |                             |                       |                       |        |        |          |
| 352             |                   |                |   |      |  |                    |                             |                       |                       |        |        |          |
| 353             |                   |                |   |      |  |                    |                             |                       |                       |        |        |          |
| 354             |                   |                |   |      |  |                    |                             |                       |                       |        |        |          |
| 355             |                   |                |   |      |  |                    |                             |                       |                       |        |        |          |
| 356             |                   |                |   |      |  |                    |                             |                       |                       |        |        |          |
| 357             |                   |                |   |      |  |                    |                             |                       |                       |        |        |          |
| 358             |                   |                |   |      |  |                    |                             |                       |                       |        |        |          |
| 359             |                   |                |   |      |  |                    |                             |                       |                       |        |        |          |
| 360.20          |                   |                |   |      |  |                    | 360.20                      | 4                     | 1.32                  | 26.28  | 0.020  | 185.0    |
| 361             |                   |                |   |      |  |                    |                             |                       |                       |        |        |          |
| 362             |                   |                |   |      |  |                    |                             |                       |                       |        |        |          |
| 363             |                   |                |   |      |  |                    |                             |                       |                       |        |        |          |
| 364             |                   |                |   |      |  |                    |                             |                       |                       |        |        |          |
| 365             |                   |                |   |      |  |                    |                             |                       |                       |        |        |          |
| 366             |                   |                |   |      |  |                    |                             |                       |                       |        |        |          |
| 367             |                   |                |   |      |  |                    |                             |                       |                       |        |        |          |
| 368             |                   |                |   |      |  |                    |                             |                       |                       |        |        |          |
| 369             |                   |                |   |      |  |                    |                             |                       |                       |        |        |          |
| 370             |                   |                |   |      |  |                    |                             |                       |                       |        |        |          |
| 371             |                   |                |   |      |  |                    |                             |                       |                       |        |        |          |
| 372             |                   |                |   |      |  |                    |                             |                       |                       |        |        |          |
| 373             |                   |                |   |      |  |                    |                             |                       |                       |        |        |          |
| 374             |                   |                |   |      |  |                    |                             |                       |                       |        |        |          |
| 375             |                   |                |   |      |  |                    |                             |                       |                       |        |        |          |
| 376             |                   |                |   |      |  |                    |                             |                       |                       |        |        |          |
| 377             |                   |                |   |      |  |                    |                             |                       |                       |        |        |          |
| 378             |                   |                |   |      |  |                    |                             |                       |                       |        |        |          |
| 379             |                   |                |   |      |  |                    |                             |                       |                       |        |        |          |
| 380             |                   |                |   |      |  |                    |                             |                       |                       |        |        |          |
| 381             |                   |                |   |      |  |                    |                             |                       |                       |        |        |          |
| 382             |                   |                |   |      |  |                    |                             |                       |                       |        |        |          |
| 383             |                   |                |   |      |  |                    |                             |                       |                       |        |        |          |
| 384             |                   |                |   |      |  |                    |                             |                       |                       |        |        |          |
| 385             |                   |                |   |      |  |                    |                             |                       |                       |        |        |          |
| 386             |                   |                |   |      |  |                    |                             |                       |                       |        |        |          |
| 387             |                   |                |   |      |  |                    |                             |                       |                       |        |        |          |
| 388             |                   |                |   |      |  |                    |                             |                       |                       |        |        |          |
| 389             |                   |                |   |      |  |                    |                             |                       |                       |        |        |          |
| 390             |                   |                |   |      |  |                    |                             |                       |                       |        |        |          |
| 391             |                   |                |   |      |  |                    |                             |                       |                       |        |        |          |
| 392             |                   |                |   |      |  |                    |                             |                       |                       |        |        |          |
| 392.50          |                   | PIZARRA        | PIZARRA GRIS A NEGRO FRACTURADO, ARGILIFICADO |      |  |                    |                             |                       |                       |        |        |          |
| 393             |                   |                |   |      |  |                    |                             |                       |                       |        |        |          |
| 394             |                   |                |   |      |  |                    |                             |                       |                       |        |        |          |
| 395             |                   |                |   |      |  |                    |                             |                       |                       |        |        |          |
| 396             |                   |                |   |      |  |                    |                             |                       |                       |        |        |          |
| 397             |                   |                |   |      |  |                    |                             |                       |                       |        |        |          |
| 398             |                   |                |   |      |  |                    |                             |                       |                       |        |        |          |
| 399             |                   |                |   |      |  |                    |                             |                       |                       |        |        |          |
| 400             |                   |                |   |      |  |                    |                             |                       |                       |        |        |          |
| 400.45          |                   |                |   |      |  |                    |                             |                       |                       |        |        |          |

| PROFUNDIDAD (m) | COLUMNA GEOLOGICA | NOMBRE DE ROCA               | DESCRIPCION             | VETA | ALTERACION | SILICIF. | BLANQUEA | PIRITIZA | CLORITIZA | NUMERO DE MUESTRAS | PROFUNDIDAD DE MUESTREO | LARGO DE MUESTRA (cm) | RESULTADO DE ANALISIS |        |        |          |          |  |  |  |
|-----------------|-------------------|------------------------------|-------------------------|------|------------|----------|----------|----------|-----------|--------------------|-------------------------|-----------------------|-----------------------|--------|--------|----------|----------|--|--|--|
|                 |                   |                              |                         |      |            |          |          |          |           |                    |                         |                       | Sn (%)                | Zn (%) | Pb (%) | Ag (g/t) | Au (g/t) |  |  |  |
| 2.30            | ○ ○ ○ ○           | CUATERNARIO<br>ARENISCA FINA |                         |      |            |          |          |          |           |                    |                         |                       |                       |        |        |          |          |  |  |  |
| 10              |                   |                              |                         |      |            |          |          |          |           |                    |                         |                       |                       |        |        |          |          |  |  |  |
| 20              |                   |                              |                         |      |            |          |          |          |           |                    |                         |                       |                       |        |        |          |          |  |  |  |
| 30              |                   |                              |                         |      |            |          |          |          |           |                    |                         |                       |                       |        |        |          |          |  |  |  |
| 40              |                   |                              |                         |      |            |          |          |          |           |                    |                         |                       |                       |        |        |          |          |  |  |  |
| 48.10           |                   | PIZARRA                      |                         |      |            |          |          |          |           |                    |                         |                       |                       |        |        |          |          |  |  |  |
| 50              |                   |                              |                         |      |            |          |          |          |           |                    |                         |                       |                       |        |        |          |          |  |  |  |
| 60              |                   |                              | ↓ 60.30 PERDIDA DE AGUA |      |            |          |          |          |           |                    |                         |                       |                       |        |        |          |          |  |  |  |
| 62.30           |                   | ARENISCA FINA                |                         |      |            |          |          |          |           |                    |                         |                       |                       |        |        |          |          |  |  |  |
| 63.80           |                   | PIZARRA                      |                         |      |            |          |          |          |           |                    |                         |                       |                       |        |        |          |          |  |  |  |
| 70              |                   |                              |                         |      |            |          |          |          |           |                    |                         |                       |                       |        |        |          |          |  |  |  |
| 74.00           |                   | ARENISCA FINA                |                         |      |            |          |          |          |           |                    |                         |                       |                       |        |        |          |          |  |  |  |
| 80              |                   |                              |                         |      |            |          |          |          |           |                    |                         |                       |                       |        |        |          |          |  |  |  |
| 87.74           |                   | PIZARRA                      |                         |      |            |          |          |          |           |                    |                         |                       |                       |        |        |          |          |  |  |  |
| 88.20           |                   |                              | ↓ PERDIDA DE AGUA       |      |            |          |          |          |           |                    |                         |                       |                       |        |        |          |          |  |  |  |
| 90              |                   |                              |                         |      |            |          |          |          |           |                    |                         |                       |                       |        |        |          |          |  |  |  |
| 91.26           |                   | ARENISCA FINA                |                         |      |            |          |          |          |           |                    |                         |                       |                       |        |        |          |          |  |  |  |
| 93.00           |                   | PIZARRA                      |                         |      |            |          |          |          |           |                    |                         |                       |                       |        |        |          |          |  |  |  |
| 100             |                   |                              |                         |      |            |          |          |          |           |                    |                         |                       |                       |        |        |          |          |  |  |  |

| PROFUNDIDAD<br>(m) | COLUMNA<br>GEOLOGICA | NOMBRE<br>DE ROCA | DESCRIPCION  | VETA | ALTERACION<br>SILICIF. | BLANQUEA.<br>PIRITIZA.<br>CLORITIZA. | NUMERO<br>DE<br>MUESTRAS | PROFUNDIDAD<br>DE<br>MUESTRO<br>(m) | LARGO DE<br>MUESTRA<br>(cm) | RESULTADO DE ANALISIS |           |           |             |             |  |  |  |  |  |
|--------------------|----------------------|-------------------|--|------|------------------------|--------------------------------------|--------------------------|-------------------------------------|-----------------------------|-----------------------|-----------|-----------|-------------|-------------|--|--|--|--|--|
|                    |                      |                   |  |      |                        |                                      |                          |                                     |                             | Sn<br>(%)             | Zn<br>(%) | Pb<br>(%) | Ag<br>(g/t) | Au<br>(g/t) |  |  |  |  |  |
| 100.83             |                      | ARENISCA FINA     | DURO COMPACTO MASIVO<br>SIN ESTRATIFICACION        |      |                        |                                      |                          |                                     |                             |                       |           |           |             |             |  |  |  |  |  |
| 110                |                      |                   |  |      |                        |                                      |                          |                                     |                             |                       |           |           |             |             |  |  |  |  |  |
| 114.40             |                      | PIZARRA           | OSCURO-NEGRO DURO COMPACTO<br>ESTRATIFICACION FINA |      |                        |                                      |                          |                                     |                             |                       |           |           |             |             |  |  |  |  |  |
| 120                |                      |                   |  |      |                        |                                      |                          |                                     |                             |                       |           |           |             |             |  |  |  |  |  |
| 121.75             |                      | ARENISCA FINA     | DURO COMPACTO BLANQUECINO                          |      |                        |                                      |                          |                                     |                             |                       |           |           |             |             |  |  |  |  |  |
| 130                |                      |                   |  |      |                        |                                      |                          |                                     |                             |                       |           |           |             |             |  |  |  |  |  |
| 140                |                      |                   |  |      |                        |                                      |                          |                                     |                             |                       |           |           |             |             |  |  |  |  |  |
| 141.58             |                      | PIZARRA           | NEGRO OSCURO DURO COMPACTO<br>ESTRATIFICACION FINA |      |                        |                                      |                          |                                     |                             |                       |           |           |             |             |  |  |  |  |  |
| 150                |                      |                   |  |      |                        |                                      |                          |                                     |                             |                       |           |           |             |             |  |  |  |  |  |
| 160                |                      |                   |  |      |                        |                                      |                          |                                     |                             |                       |           |           |             |             |  |  |  |  |  |
| 170                |                      |                   |  |      |                        |                                      |                          |                                     |                             |                       |           |           |             |             |  |  |  |  |  |
| 180                |                      |                   |  |      |                        |                                      |                          |                                     |                             |                       |           |           |             |             |  |  |  |  |  |
| 190                |                      |                   | NO EXISTE MINERALIZACION                           |      |                        |                                      |                          |                                     |                             |                       |           |           |             |             |  |  |  |  |  |
| 200                |                      |                   |  |      |                        |                                      |                          |                                     |                             |                       |           |           |             |             |  |  |  |  |  |

| PROFUNDIDAD<br>m | COLUMNA<br>GEOLOGICA | NOMBRE<br>DE ROCA | DESCRIPCION                              | VETA | ALTERACION<br>ARCILLA<br>SILICIFI. | BLANQUEA<br>PIRITIZA<br>CLORITIZA. | NUMERO<br>DE<br>MUESTRAS | PROFUNDIDAD<br>DE<br>MUESTREO<br>(m) | LARGO DE<br>MUESTRA<br>(cm) | RESULTADO DE ANALISIS |           |           |             |             |  |  |  |  |  |  |
|------------------|----------------------|-------------------|--|------|------------------------------------|------------------------------------|--------------------------|--------------------------------------|-----------------------------|-----------------------|-----------|-----------|-------------|-------------|--|--|--|--|--|--|
|                  |                      |                   |  |      |                                    |                                    |                          |                                      |                             | Sn<br>(%)             | Zn<br>(%) | Pb<br>(%) | Ag<br>(g/t) | Au<br>(g/t) |  |  |  |  |  |  |
|                  |                      | PIZARRA           | (CONTINUACION)                           |      |                                    |                                    |                          |                                      |                             |                       |           |           |             |             |  |  |  |  |  |  |
| 210              |                      |                   |  |      |                                    |                                    |                          |                                      |                             |                       |           |           |             |             |  |  |  |  |  |  |
| 220              |                      |                   |  |      |                                    |                                    |                          |                                      |                             |                       |           |           |             |             |  |  |  |  |  |  |
| 230              |                      |                   |  |      |                                    |                                    |                          |                                      |                             |                       |           |           |             |             |  |  |  |  |  |  |
| 240              |                      |                   |  |      |                                    |                                    |                          |                                      |                             |                       |           |           |             |             |  |  |  |  |  |  |
| 250              |                      |                   |  |      |                                    |                                    |                          |                                      |                             |                       |           |           |             |             |  |  |  |  |  |  |
| 260              |                      |                   |  |      |                                    |                                    |                          |                                      |                             |                       |           |           |             |             |  |  |  |  |  |  |
| 270              |                      |                   |  |      |                                    |                                    |                          |                                      |                             |                       |           |           |             |             |  |  |  |  |  |  |
| 280              |                      |                   |  |      |                                    |                                    |                          |                                      |                             |                       |           |           |             |             |  |  |  |  |  |  |
| 281.50           |                      | PIZARRA           | OSCURO POCO BLANQUECINO<br>DURO COMPACTO |      |                                    |                                    |                          |                                      |                             |                       |           |           |             |             |  |  |  |  |  |  |
| 290              |                      |                   |  |      |                                    |                                    |                          |                                      |                             |                       |           |           |             |             |  |  |  |  |  |  |
| 300              |                      |                   |  |      |                                    |                                    |                          |                                      |                             |                       |           |           |             |             |  |  |  |  |  |  |

| PROFUNDIDAD (m) | COLUMNA GEOLOGICA | NOMBRE DE ROCA | DESCRIPCION   | VETA                     | ALTERACION SILICIFI. | BLANQUEA. | PIRITIZA. | CLORITIZA. | NUMERO DE MUESTRAS | PROFUNDIDAD DE MUESTREO (m) | LARGO DE MUESTRA (cm) | RESULTADO DE ANALISIS |        |        |          |          |  |  |
|-----------------|-------------------|----------------|---|--------------------------|----------------------|-----------|-----------|------------|--------------------|-----------------------------|-----------------------|-----------------------|--------|--------|----------|----------|--|--|
|                 |                   |                |   |                          |                      |           |           |            |                    |                             |                       | Sn (%)                | Zn (%) | Pb (%) | Ag (g/t) | Au (g/t) |  |  |
| 301.65          |                   | ARENISCA FINA  | BLANQUECINO, COMPACTO DURO GRANO FINO, MASIVO   |                          |                      |           |           |            |                    |                             |                       |                       |        |        |          |          |  |  |
| 308.60          |                   | PIZARRA        | NEGRO-OSCURO, DURO COMPACTO ESTRATIFICACION FINA  |                          |                      |           |           |            |                    |                             |                       |                       |        |        |          |          |  |  |
| 310             |                   |                |   |                          |                      |           |           |            |                    |                             |                       |                       |        |        |          |          |  |  |
| 320             |                   |                | EXISTE A VECES LUGARES DE PERDIDA DE AGUA<br>NO EXISTE MINERALIZACION<br>NO SE ENCUENTRA AUN PIRITA |                          |                      |           |           |            |                    |                             |                       |                       |        |        |          |          |  |  |
| 330             |                   |                |   |                          |                      |           |           |            |                    |                             |                       |                       |        |        |          |          |  |  |
| 340             |                   |                |   |                          |                      |           |           |            |                    |                             |                       |                       |        |        |          |          |  |  |
| 350             |                   |                |   |                          |                      |           |           |            |                    |                             |                       |                       |        |        |          |          |  |  |
| 351.30          |                   | PIZARRA        | NEGRO-OSCURO, DURO COMPACTO POCO MASIVO   |                          |                      |           |           |            |                    |                             |                       |                       |        |        |          |          |  |  |
| 360             |                   |                |   |                          |                      |           |           |            |                    |                             |                       |                       |        |        |          |          |  |  |
| 370             |                   |                |   |                          |                      |           |           |            |                    |                             |                       |                       |        |        |          |          |  |  |
| 378.85          |                   |                | ZONA FRACTURADA   |                          |                      |           |           |            | BX-201             | 378.85                      |                       |                       |        |        |          |          |  |  |
| 380             |                   |                | ZONA FRACTURADA MUY BLANDA ARGILIFICACION, OSCURO-NEGRO   |                          |                      |           |           |            |                    |                             |                       |                       |        |        |          |          |  |  |
| 382.80          |                   |                |   | VENILLA: p7>>            |                      |           |           |            |                    | 383.00                      | 1                     |                       |        |        |          |          |  |  |
| 383.00          |                   |                |   |                          |                      |           |           |            |                    |                             |                       |                       |        |        |          |          |  |  |
| 386.35          |                   |                |   | VETA: p7>> DURO COMPACTO |                      |           |           |            | 80-201             | 386.35                      | 49                    | 0.02                  | 4.02   | 0.24   | 38.1     | 0.04     |  |  |
| 386.98          |                   |                |   | VETA: p7>> DURO COMPACTO |                      |           |           |            |                    | 386.98                      | 8                     | 40.01                 | 0.65   | 0.07   | 18.8     | 0.03     |  |  |
| 390             |                   |                |   |                          |                      |           |           |            |                    |                             |                       |                       |        |        |          |          |  |  |
| 400             |                   |                |   | VENILLA: p7>>            |                      |           |           |            |                    | 400.18                      | 3                     |                       |        |        |          |          |  |  |

40018  
40210

| PROFUNDIDAD (m) | COLUMNA GEOLOGICA | NOMBRE DE ROCA | DESCRIPCION  | VETA              | ALTERACION | ARCILLA | SILICIF. BLANQUEA | PIRITIZA | CLORITIZA. | NUMERO DE MUESTRAS | PROFUNDIDAD DE MUESTREO (m) | LARGO DE MUESTRA (cm) | RESULTADO DE ANALISIS |        |        |          |          |  |  |  |
|-----------------|-------------------|----------------|--|-------------------|------------|---------|-------------------|----------|------------|--------------------|-----------------------------|-----------------------|-----------------------|--------|--------|----------|----------|--|--|--|
|                 |                   |                |  |                   |            |         |                   |          |            |                    |                             |                       | Sn (%)                | Zn (%) | Pb (%) | Ag (g/t) | Au (g/t) |  |  |  |
| 0               |                   | ARENISCA       |  |                   |            |         |                   |          |            |                    |                             |                       |                       |        |        |          |          |  |  |  |
| 3.50            |                   | PIZARRA        | TOTALMENTE FRACTURADO BLANDO<br>ARGILIFICACION FUERTE        |                   |            |         |                   |          |            |                    |                             |                       |                       |        |        |          |          |  |  |  |
| 6.10            |                   |                |  |                   |            |         |                   |          |            |                    |                             |                       |                       |        |        |          |          |  |  |  |
| 10              |                   |                |  |                   |            |         |                   |          |            |                    |                             |                       |                       |        |        |          |          |  |  |  |
| 20              |                   |                |  |                   |            |         |                   |          |            |                    |                             |                       |                       |        |        |          |          |  |  |  |
| 30              |                   |                |  |                   |            |         |                   |          |            |                    |                             |                       |                       |        |        |          |          |  |  |  |
| 33.15           |                   |                |  | VETA LIMONITIZADA |            |         |                   |          |            |                    |                             |                       |                       |        |        |          |          |  |  |  |
| 33.80           |                   |                |  |                   |            |         |                   |          |            |                    |                             |                       |                       |        |        |          |          |  |  |  |
| 40              |                   |                |  |                   |            |         |                   |          |            |                    |                             |                       |                       |        |        |          |          |  |  |  |
| 50              |                   |                |  |                   |            |         |                   |          |            | 8x-202             | 45.00                       |                       |                       |        |        |          |          |  |  |  |
| 60              |                   |                |  |                   |            |         |                   |          |            |                    |                             |                       |                       |        |        |          |          |  |  |  |
| 62.00           |                   |                |  | VETA LIMONITIZADA |            |         |                   |          |            |                    |                             |                       |                       |        |        |          |          |  |  |  |
| 62.40           |                   |                |  |                   |            |         |                   |          |            |                    |                             |                       |                       |        |        |          |          |  |  |  |
| 65.80           |                   |                |  | VETA LIMONITIZADA |            |         |                   |          |            |                    |                             |                       |                       |        |        |          |          |  |  |  |
| 66.20           |                   |                |  |                   |            |         |                   |          |            |                    |                             |                       |                       |        |        |          |          |  |  |  |
| 70              |                   |                |  | VETA LIMONITIZADA |            |         |                   |          |            |                    |                             |                       |                       |        |        |          |          |  |  |  |
| 70.30           |                   |                |  |                   |            |         |                   |          |            |                    |                             |                       |                       |        |        |          |          |  |  |  |
|                 |                   |                | ZONA FRACTURADA MUY BLANDA<br>NEGRO OSCURO<br>ARGILIFICACION |                   |            |         |                   |          |            |                    |                             |                       |                       |        |        |          |          |  |  |  |
| 80              |                   |                |  |                   |            |         |                   |          |            |                    |                             |                       |                       |        |        |          |          |  |  |  |
| 90              |                   |                |  |                   |            |         |                   |          |            |                    |                             |                       |                       |        |        |          |          |  |  |  |
|                 |                   |                | ZONA FRACTURADA TESTIGO CANTO RODADO                         |                   |            |         |                   |          |            |                    |                             |                       |                       |        |        |          |          |  |  |  |
| 100             |                   |                |  |                   |            |         |                   |          |            |                    |                             |                       |                       |        |        |          |          |  |  |  |

| PROFUNDIDAD (m) | COLUMNA GEOLOGICA | NOMBRE DE ROCA | DESCRIPCION  | VETA  | ALTERACION SILICIF. BLANQUEA PIRITIZACION CLORITIZACION | NUMERO DE MUESTRAS | PROFUNDIDAD DE MUESTRO (m) | LARGO DE MUESTRA (cm) | RESULTADO DE ANALISIS |        |        |          |          |  |  |  |  |  |  |
|-----------------|-------------------|----------------|--|---|---|--------------------|----------------------------|-----------------------|-----------------------|--------|--------|----------|----------|--|--|--|--|--|--|
|                 |                   |                |  |   |   |                    |                            |                       | Sn (%)                | Zn (%) | Pb (%) | Ag (g/t) | Au (g/t) |  |  |  |  |  |  |
| 10              |                   |                |  |   |   |                    |                            |                       |                       |        |        |          |          |  |  |  |  |  |  |
| 118.10          |                   |                |  | VETA: ms>sp>py>                               |   | BQ-203<br>BP-203   | 118.10                     | 120                   | <0.01                 | 1.41   | 0.38   | 109.9    | 0.11     |  |  |  |  |  |  |
| 122.10          |                   | PIZARRA        | PARCIALMENTE EXISTE ZONA FRACTURADA  |   |   |                    |                            |                       |                       |        |        |          |          |  |  |  |  |  |  |
| 126.50          |                   |                | ZONA FRACTURADA BLANDA   | VENILLA: W = 0.10 ms                          |   |                    |                            |                       |                       |        |        |          |          |  |  |  |  |  |  |
| 130             |                   |                |  |   |   | BS-10              | 132.30                     |                       |                       |        |        |          |          |  |  |  |  |  |  |
| 140             |                   |                | 135.50m ~ 136.00m ARGILIFICACION<br>137.25 ~ 137.45 ARGILIFICACION<br>139.30 ~ 139.40 ARGILIFICACION<br>140.60 ~ 140.80 ARGILIFICACION |   |   | BX-203             | 143.00                     |                       |                       |        |        |          |          |  |  |  |  |  |  |
| 150             |                   |                |  |   |   |                    |                            |                       |                       |        |        |          |          |  |  |  |  |  |  |
| 160             |                   |                |  |   |   |                    |                            |                       |                       |        |        |          |          |  |  |  |  |  |  |
| 170             |                   |                |  |   |   |                    |                            |                       |                       |        |        |          |          |  |  |  |  |  |  |
| 180             |                   |                |  |   |   |                    |                            |                       |                       |        |        |          |          |  |  |  |  |  |  |
| 190             |                   |                |  | VETA: py>ms, sp<br>PARCIALMENTE FORMA DE RAMO |   | BQ-204             | 193.30                     | 70                    | 0.02                  | 7.38   | 0.20   | 105.9    | 0.14     |  |  |  |  |  |  |
| 193.30          |                   |                |  |   |   |                    |                            |                       |                       |        |        |          |          |  |  |  |  |  |  |
| 194.10          |                   |                |  | VETA: sp>>py-ms<br>VETA: sp>>py-ms            |   | BQ-205<br>BQ-204   | 194.10<br>194.10           | 75                    | 0.01                  | 6.23   | 1.05   | 177.2    | 0.19     |  |  |  |  |  |  |
| 200             |                   |                |  |   |   |                    |                            |                       |                       |        |        |          |          |  |  |  |  |  |  |



| PROFUNDIDAD (m) | COLUMNA GEOLOGICA | NOMBRE DE ROCA | DESCRIPCION                                      | VETA | ALTERACION SILICIFI. | BLANQUEA. | PIRITIZA. | CLORITIZA. | NUMERO DE MUESTRAS | PROFUNDIDAD DE MUESTRO (m) | LARGO DE MUESTRA (cm) | RESULTADO DE ANALISIS |        |        |          |          |  |  |  |  |
|-----------------|-------------------|----------------|--|------|----------------------|-----------|-----------|------------|--------------------|----------------------------|-----------------------|-----------------------|--------|--------|----------|----------|--|--|--|--|
|                 |                   |                |  |      |                      |           |           |            |                    |                            |                       | Sn (%)                | Zn (%) | Pb (%) | Ag (2/A) | Au (2/A) |  |  |  |  |
| 210             |                   | PIZARRA        |  |      |                      |           |           |            |                    |                            |                       |                       |        |        |          |          |  |  |  |  |
| 214.70          |                   |                | ZONA FRACTURADA BLANDA ARGILIFICACION FUERTE     |      |                      |           |           |            |                    |                            |                       |                       |        |        |          |          |  |  |  |  |
| 216.20          |                   |                |  |      |                      |           |           |            |                    |                            |                       |                       |        |        |          |          |  |  |  |  |
| 220             |                   |                |  |      |                      |           |           |            | BS-11              | 220                        |                       |                       |        |        |          |          |  |  |  |  |
| 223.00          |                   | ARENISCA       | BLANQUECINA DURO COMPACTO MASIVO                 |      |                      |           |           |            |                    |                            |                       |                       |        |        |          |          |  |  |  |  |
| 227.00          |                   | PIZARRA        | OSCURO NEGRO DURO COMPACTO ESTRATIFICACION FINA  |      |                      |           |           |            |                    |                            |                       |                       |        |        |          |          |  |  |  |  |
| 230             |                   |                |  |      |                      |           |           |            |                    |                            |                       |                       |        |        |          |          |  |  |  |  |
| 241.50          |                   | ARENISCA       |  |      |                      |           |           |            |                    |                            |                       |                       |        |        |          |          |  |  |  |  |
| 244.00          |                   | PIZARRA        |  |      |                      |           |           |            |                    |                            |                       |                       |        |        |          |          |  |  |  |  |
| 240             |                   |                |  |      |                      |           |           |            |                    |                            |                       |                       |        |        |          |          |  |  |  |  |
| 250             |                   |                |  |      |                      |           |           |            |                    |                            |                       |                       |        |        |          |          |  |  |  |  |
| 255.10          |                   |                | PIZARRA FRACTURADA Y ALTERACION                  |      |                      |           |           |            |                    |                            |                       |                       |        |        |          |          |  |  |  |  |
| 256.20          |                   |                |  |      |                      |           |           |            |                    |                            |                       |                       |        |        |          |          |  |  |  |  |
| 260             |                   |                |  |      |                      |           |           |            |                    |                            |                       |                       |        |        |          |          |  |  |  |  |
| 270             |                   |                | ZONA FRACTURADA CON BRECHA BLANDA ARGILIFICACION |      |                      |           |           |            |                    |                            |                       |                       |        |        |          |          |  |  |  |  |
| 271.50          |                   |                |  |      |                      |           |           |            |                    |                            |                       |                       |        |        |          |          |  |  |  |  |
| 280             |                   |                |  |      |                      |           |           |            |                    |                            |                       |                       |        |        |          |          |  |  |  |  |
| 290             |                   |                |  |      |                      |           |           |            |                    |                            |                       |                       |        |        |          |          |  |  |  |  |
| 300             |                   |                |  |      |                      |           |           |            |                    |                            |                       |                       |        |        |          |          |  |  |  |  |
| 301.90          |                   |                |  |      |                      |           |           |            |                    |                            |                       |                       |        |        |          |          |  |  |  |  |

| PROFUNDIDAD (m) | COLUMNA GEOLOGICA | NOMBRE DE ROCA | DESCRIPCION   | VETA | ALTERACION SILICIF. | BLANQUEO | PIRITIZA | CLORITIZA | NUMERO DE MUESTRAS | PROFUNDIDAD DE MUESTRO | LARGO DE MUESTRA (cm) | RESULTADO DE ANALISIS |        |        |          |  |  |  |
|-----------------|-------------------|----------------|---|------|---------------------|----------|----------|-----------|--------------------|------------------------|-----------------------|-----------------------|--------|--------|----------|--|--|--|
|                 |                   |                |   |      |                     |          |          |           |                    |                        |                       | Sn (%)                | Zn (%) | Pb (%) | Ag (g/t) |  |  |  |
| 0.80            | SUELO             | PIZARRA        | PIZARRA GRIS A NEGRO COMPACTO DE GRANO FINO   |      |                     |          |          |           |                    |                        |                       |                       |        |        |          |  |  |  |
| 10              |                   |                |   |      |                     |          |          |           |                    |                        |                       |                       |        |        |          |  |  |  |
| 13.00           |                   | PIZARRA        | PIZARRA ARCILLOSA GRIS BLANQUECINO CON ALTERACION FUERTE                                      |      |                     |          |          |           |                    |                        |                       |                       |        |        |          |  |  |  |
| 20              |                   |                |   |      |                     |          |          |           |                    |                        |                       |                       |        |        |          |  |  |  |
| 30              |                   |                |   |      |                     |          |          |           |                    |                        |                       |                       |        |        |          |  |  |  |
| 38.00           |                   | PIZARRA        | PIZARRA GRIS A NEGRO CON ALTERACION MEDIANA   |      |                     |          |          |           |                    |                        |                       |                       |        |        |          |  |  |  |
| 47              |                   | PIZARRA        | ZONA DE FALLA BRECHADA Y ARCILLOSA  |      |                     |          |          |           |                    |                        |                       |                       |        |        |          |  |  |  |
| 50              |                   | PIZARRA        | GRIS A NEGRO COMPACTO DURO CON INTERCALACIONES DELGADAS DE ARENISCA DE COLORACION BLANQUECINO |      |                     |          |          |           |                    |                        |                       |                       |        |        |          |  |  |  |
| 60              |                   |                |   |      |                     |          |          |           |                    |                        |                       |                       |        |        |          |  |  |  |
| 70              |                   |                |   |      |                     |          |          |           |                    |                        |                       |                       |        |        |          |  |  |  |
| 80              |                   |                |   |      |                     |          |          |           |                    |                        |                       |                       |        |        |          |  |  |  |
| 95              |                   | ARENISCA       | ARENISCA BLANQUECINO COMPACTO   |      |                     |          |          |           |                    |                        |                       |                       |        |        |          |  |  |  |
| 97              |                   |                |   |      |                     |          |          |           |                    |                        |                       |                       |        |        |          |  |  |  |
| 100             |                   |                |   |      |                     |          |          |           |                    |                        |                       |                       |        |        |          |  |  |  |

| PROFUNDIDAD (m) | COLUMNA GEOLOGICA | NOMBRE DE ROCA | DESCRIPCION  | VEYA | ALTERACIONES | SILICIA | BLANQUEO | PIRITIZA | CLORITZA | NUMERO DE MUESTRAS | PROFUNDIDAD MUESTRO (m) | LARGO DE MUESTRA (cm) | RESULTADO DE ANALISIS |        |        |          |  |  |
|-----------------|-------------------|----------------|--|------|--------------|---------|----------|----------|----------|--------------------|-------------------------|-----------------------|-----------------------|--------|--------|----------|--|--|
|                 |                   |                |  |      |              |         |          |          |          |                    |                         |                       | Sn (%)                | Zn (%) | Pb (%) | Ag (g/l) |  |  |
| 100             |                   | PIZARRA        | PIZARRA GRIS A NEGRO COMPACTO, DURO CON INTERCALACIONES DELGADAS DE AREISCA DE COLOR BLANQUECINO |      |              |         |          |          |          |                    |                         |                       |                       |        |        |          |  |  |
| 120             |                   |                |  |      |              |         |          |          |          |                    |                         |                       |                       |        |        |          |  |  |
| 130             |                   |                |  |      |              |         |          |          |          |                    |                         |                       |                       |        |        |          |  |  |
| 140             |                   |                |  |      |              |         |          |          |          |                    |                         |                       |                       |        |        |          |  |  |
| 150             |                   |                |  |      |              |         |          |          |          |                    |                         |                       |                       |        |        |          |  |  |
| 157             |                   | PIZARRA        | PIZARRA GRIS A NEGRO BLANDA  |      |              |         |          |          |          |                    |                         |                       |                       |        |        |          |  |  |
| 160             |                   |                |  |      |              |         |          |          |          |                    |                         |                       |                       |        |        |          |  |  |
| 170             |                   |                |  |      |              |         |          |          |          |                    |                         |                       |                       |        |        |          |  |  |
| 180             |                   |                | ZONA DE FALLA BRECHADA ARCILLOSA   |      |              |         |          |          |          |                    |                         |                       |                       |        |        |          |  |  |
| 190             |                   |                | ZONA DE FALLA BRECHADA Y ARCILLOSA   |      |              |         |          |          |          |                    |                         |                       |                       |        |        |          |  |  |
| 195             |                   |                |  |      |              |         |          |          |          |                    |                         |                       |                       |        |        |          |  |  |
| 200             |                   |                |  |      |              |         |          |          |          |                    |                         |                       |                       |        |        |          |  |  |

| PROFUNDIDAD<br>(m) | COLUMNA<br>GEOLOGICA | NOMBRE<br>DE ROCA            | DESCRIPCION   | VETA  | ALTERACION<br>ARCILLA<br>SILICIFI.<br>BLANQUEO<br>PIRITIZA<br>CLORITIZA | NUMERO<br>DE<br>MUESTRAS | PROFUNDIDAD<br>DE<br>MUESTREO<br>(m) | LARGO DE<br>MUESTRA<br>(cm) | RESULTADO DE ANALISIS |           |           |             |  |  |
|--------------------|----------------------|------------------------------|---|---|---|--------------------------|--------------------------------------|-----------------------------|-----------------------|-----------|-----------|-------------|--|--|
|                    |                      |                              |   |   |   |                          |                                      |                             | Sn<br>(%)             | Zn<br>(%) | Pb<br>(%) | Ag<br>(g/l) |  |  |
|                    |                      | PIZARRA                      | (CONTINUACION)<br>PIZARRA GRIS A NEGRO COMPACTO CON DELGADAS INTERCALACIONES DE ARENISCA DE COLOR BLANQUECINO |   |   |                          |                                      |                             |                       |           |           |             |  |  |
| 210                |                      |                              |   |   |   |                          |                                      |                             |                       |           |           |             |  |  |
| 220                |                      |                              |   |   |   |                          |                                      |                             |                       |           |           |             |  |  |
| 225                |                      |                              |   |   |   |                          |                                      |                             |                       |           |           |             |  |  |
| 230                |                      |                              | ZONA DE PIZARRA CON VENILLAS DE $sd \gg py \gg mat$   |   |   |                          |                                      |                             |                       |           |           |             |  |  |
| 230.0<br>231.70    |                      | $\nabla 70^\circ$<br>PIZARRA | PIZARRA GRIS A NEGRO COMPACTO CON DELGADAS INTERCALACIONES DE ARENISCA DE COLOR BLANQUECINO                   | VETA: $sd \gg py \gg mat$<br>$lex. concéntrico$ |   | 0-115                    | 231                                  | 70                          | 0.08                  | 0.17      | 0.14      | 18.1        |  |  |
| 240                |                      |                              |   |   |   |                          |                                      |                             |                       |           |           |             |  |  |
| 250                |                      |                              |   |   |   |                          |                                      |                             |                       |           |           |             |  |  |
| 260                |                      | $\nabla 20^\circ$            |   |   |   |                          |                                      |                             |                       |           |           |             |  |  |
| 270                |                      |                              |   |   |   |                          |                                      |                             |                       |           |           |             |  |  |
| 280                |                      |                              |   |   |   |                          |                                      |                             |                       |           |           |             |  |  |
| 290                |                      |                              |   |   |   |                          |                                      |                             |                       |           |           |             |  |  |
| 300                |                      |                              |   |   |   |                          |                                      |                             |                       |           |           |             |  |  |

| PROFUNDIDAD (m)  | COLUMNA GEOLOGICA | NOMBRE DE ROCA | DESCRIPCION  | VETA                                   | ALTERACION SILICIF. BLANQUEA. PIRITIZA. | CLORITIZA. | NUMERO DE MUESTRAS  | PROFUNDIDAD DE MUESTREO (cm)                   | LARGO DE MUESTRA (cm)           | RESULTADO DE ANALISIS                        |                              |                              |                                 |  |  |  |        |
|------------------|-------------------|----------------|--|--|---|------------|---|--|---------------------------------|--|------------------------------|------------------------------|---------------------------------|--|--|--|--------|
|                  |                   |                |  |  |   |            |   |  |                                 | Sn (%)                                       | Zn (%)                       | Pb (%)                       | Ag (g/t)                        |  |  |  |        |
| 305.50<br>305.70 |                   | PIZARRA        | PIZARRA BRECHADA DE COLOR A NEGRO CON sid>>py>>mat. FRAGMENTOS DE VETA<br>ZONA DE PIZARRA BRECHADA |  |   |            |   |  |                                 |  |                              |                              |                                 |  |  |  |        |
| 315.80           |                   |                |  | VETA: py>> sid>>mat>>ga<br>lex. drisco |   |            | 0 - 116<br>0 - 117<br>0 - 118<br>0 - 119<br>10-15 P-23<br>0 - 120 | 315.80<br>316.80<br>317.80<br>318.80<br>319.80 | 100<br>100<br>100<br>100<br>100 | 0.16<br>0.16<br>0.16<br>0.08<br>0.16<br>0.16 | 2.60<br>9.33<br>7.33<br>8.24 | 0.17<br>0.34<br>0.43<br>0.13 | 84.2<br>160.9<br>116.1<br>100.4 |  |  |  | W=5.90 |
| 321.70           |                   | PIZARRA        | PIZARRA GRIS A NEGRO COMPACTO DURO GRANO FINO  |  |   |            | 0 - 121   | 320.80   | 90                              | 0.16   | 6.93                         | 0.44                         | 68.0                            |  |  |  |        |
| 330              |                   |                |  |  |   |            |   |  |                                 |  |                              |                              |                                 |  |  |  |        |
| 340              |                   |                |  |  |   |            |   |  |                                 |  |                              |                              |                                 |  |  |  |        |
| 350              |                   |                |  |  |   |            |   |  |                                 |  |                              |                              |                                 |  |  |  |        |
| 360              |                   |                |  |  |   |            |   |  |                                 |  |                              |                              |                                 |  |  |  |        |
| 370              |                   |                |  |  |   |            |   |  |                                 |  |                              |                              |                                 |  |  |  |        |
| 380              |                   |                |  |  |   |            |   |  |                                 |  |                              |                              |                                 |  |  |  |        |
| 390              |                   |                |  |  |   |            |   |  |                                 |  |                              |                              |                                 |  |  |  |        |
| 400              |                   |                |  |  |   |            |   |  |                                 |  |                              |                              |                                 |  |  |  |        |

403.55

| PROFUNDIDAD (m) | COLUMNA GEOLOGICA | NOMBRE DE ROCA        | DESCRIPCION  | VETA | ALTERACION SILICIFI. | BLANQUEA. | PIRITIZA CLORITIZA. | NUMERO DE MUESTRAS | PROFUNDIDAD DE MUESTREO (m) | LARGO DE MUESTRA (cm) | RESULTADO DE ANALISIS |        |        |          |  |  |  |  |
|-----------------|-------------------|-----------------------|--|------|----------------------|-----------|---------------------|--------------------|-----------------------------|-----------------------|-----------------------|--------|--------|----------|--|--|--|--|
|                 |                   |                       |  |      |                      |           |                     |                    |                             |                       | Sn (%)                | Zn (%) | Pb (%) | Ag (g/t) |  |  |  |  |
|                 |                   | PIZARRA INTENPERIZADA | ANARILLO BLANQUECINO BIEN INTENPERIZADO TESTIGOS SE SACAN COMO FRAGMENTOS  |      |                      |           |                     |                    |                             |                       |                       |        |        |          |  |  |  |  |
| 10              |                   |                       |  |      |                      |           |                     |                    |                             |                       |                       |        |        |          |  |  |  |  |
| 20              |                   |                       |  |      |                      |           |                     |                    |                             |                       |                       |        |        |          |  |  |  |  |
| 25.60           |                   | PIZARRA 84°           | GRIS A NEGRO DURO, MEDIANAMENTE COMPACTO TESTIGOS SE SACAN COMO FRAGMENTOS |      |                      |           |                     |                    | 25.60 m                     |                       |                       |        |        |          |  |  |  |  |
| 30              |                   |                       |  |      |                      |           |                     |                    |                             |                       |                       |        |        |          |  |  |  |  |
| 40              |                   |                       |  |      |                      |           |                     |                    |                             |                       |                       |        |        |          |  |  |  |  |
| 40.93           |                   | PIZARRA FRACTURADA    | ZONA FRACTURADA, GRIS A NEGRO, BLANDA CON BASTANTE FISURA                  |      |                      |           |                     |                    |                             |                       |                       |        |        |          |  |  |  |  |
| 50              |                   |                       |  |      |                      |           |                     |                    |                             |                       |                       |        |        |          |  |  |  |  |
| 60              |                   |                       |  |      |                      |           |                     |                    |                             |                       |                       |        |        |          |  |  |  |  |
| 62.45           |                   | PIZARRA               | GRIS A NEGRO, COMPACTO DURO ESTRATIFICACION FINA CON MICA                  |      |                      |           |                     |                    |                             |                       |                       |        |        |          |  |  |  |  |
| 70              |                   |                       |  |      |                      |           |                     |                    |                             |                       |                       |        |        |          |  |  |  |  |
| 80              |                   |                       |  |      |                      |           |                     |                    |                             |                       |                       |        |        |          |  |  |  |  |
| 85.10           |                   | ZONA FRACTURADA       | GRIS A NEGRO, MUY BLANDA ALTERACION ARCILLOSA                              |      |                      |           |                     |                    |                             |                       |                       |        |        |          |  |  |  |  |
| 90              |                   |                       |  |      |                      |           |                     |                    |                             |                       |                       |        |        |          |  |  |  |  |
| 88.00           |                   | PIZARRA 42°           | GRIS A NEGRO, COMPACTO, DURO ESTRATIFICACION FINA                          |      |                      |           |                     |                    |                             |                       |                       |        |        |          |  |  |  |  |
| 100             |                   |                       |  |      |                      |           |                     |                    |                             |                       |                       |        |        |          |  |  |  |  |

| PROFUNDIDAD (m) | COLUMNA GEOLOGICA | NOMBRE DE ROCA     | DESCRIPCION   | VETA | ALTERACION SILICIFI. | BLANQUEA. | PIRITIZA. | CLORITIZA. | NUMERO DE MUESTRAS | PROFUNDIDAD DE MUESTREO (m) | LARGO DE MUESTRA (cm) | RESULTADO DE ANALISIS |        |        |          |  |  |  |
|-----------------|-------------------|--------------------|---|------|----------------------|-----------|-----------|------------|--------------------|-----------------------------|-----------------------|-----------------------|--------|--------|----------|--|--|--|
|                 |                   |                    |   |      |                      |           |           |            |                    |                             |                       | Sn (%)                | Zn (%) | Pb (%) | Ag (g/t) |  |  |  |
|                 |                   |                    | (CONTINUACION)  |      |                      |           |           |            |                    |                             |                       |                       |        |        |          |  |  |  |
| 110             |                   |                    |   |      |                      |           |           |            |                    |                             |                       |                       |        |        |          |  |  |  |
| 120             |                   |                    |   |      |                      |           |           |            |                    |                             |                       |                       |        |        |          |  |  |  |
| 126.50          |                   | PIZARRA<br>30°     | 123.80m ~ 126.50m, ALTERACION ARCILLOSA MUY BLANDA, GRIS A NEGRO<br><br>GRIS A NEGRO, DURO, COMPACTO ESTRATICACION FINA |      |                      |           |           |            |                    |                             |                       |                       |        |        |          |  |  |  |
| 130             |                   |                    |   |      |                      |           |           |            |                    |                             |                       |                       |        |        |          |  |  |  |
| 140             |                   |                    |   |      |                      |           |           |            |                    |                             |                       |                       |        |        |          |  |  |  |
| 150             |                   |                    |   |      |                      |           |           |            |                    |                             |                       |                       |        |        |          |  |  |  |
| 160             |                   |                    |   |      |                      |           |           |            |                    |                             |                       |                       |        |        |          |  |  |  |
| 170             |                   |                    |   |      |                      |           |           |            |                    |                             |                       |                       |        |        |          |  |  |  |
| 180             |                   |                    |   |      |                      |           |           |            |                    |                             |                       |                       |        |        |          |  |  |  |
| 188.00          |                   | ZONA<br>FRACTURADA | GRIS A NEGRO, MUY BLANDA CON FRAGMENTOS DE PIZARRA, ALTERACION ARCILLOSA  |      |                      |           |           |            |                    |                             |                       |                       |        |        |          |  |  |  |
| 190             |                   |                    |   |      |                      |           |           |            |                    |                             |                       |                       |        |        |          |  |  |  |
| 200             |                   |                    |   |      |                      |           |           |            |                    |                             |                       |                       |        |        |          |  |  |  |

| PROFUNDIDAD (m)  | COLUMNA GEOLOGICA | NOMBRE DE ROCA | DESCRIPCION  | VETA                                       | ALTERACION SILICIFICA | BLANQUEA | PIRITIZA | CLORITIZA | NUMERO DE MUESTRAS    | PROFUNDIDAD DE MUESTREO (m) | LARGO DE MUESTRA (cm) | RESULTADO DE ANALISIS |        |        |          |  |  |
|------------------|-------------------|----------------|--|--|-----------------------|----------|----------|-----------|-----------------------|-----------------------------|-----------------------|-----------------------|--------|--------|----------|--|--|
|                  |                   |                |  |  |                       |          |          |           |                       |                             |                       | Sn (%)                | Zn (%) | Pb (%) | Ag (g/t) |  |  |
| (CONTINUACION)   |                   |                |  |  |                       |          |          |           |                       |                             |                       |                       |        |        |          |  |  |
| 205.96<br>205.93 |                   | PIZARRA        | GRIS A NEGRO, DURO, COMPACTO, ESTRATIFICACION FINA | Venillo: solo pr                           |                       |          |          |           |                       | 205.93                      | 2                     |                       |        |        |          |  |  |
| 219.12<br>220    |                   |                |  | Venillo: py>mol>qt > cl<br>Tex irregular   |                       |          |          |           | P-10<br>Q-36<br>Q-39  | 219.12<br>219.12<br>219.42  | 30<br>16<br>RW=10     | 0.33                  | 5.74   | 0.021  | 31.1     |  |  |
| 232.60           |                   |                |  | Venillo: py>mol>qt                         |                       |          |          |           |                       | 232.60                      | 3                     |                       |        |        |          |  |  |
| 241.10<br>243.29 |                   |                |  | Venillo: py>mol>po>qt<br>Tex msv. compacto |                       |          |          |           | Q-40<br>Q-42<br>P-11  | 241.10<br>241.60<br>242.10  | 50<br>50<br>50        | 0.25                  | 4.10   | 0.013  | 68.9     |  |  |
| 243.29           |                   |                |  | Venillo: py>po>mol><br>Tex msv.            |                       |          |          |           | SP-10<br>Q-43<br>Q-44 | 242.10<br>243.21<br>243.56  | 30<br>32              | 1.26                  | 4.47   | 0.010  | 30.7     |  |  |
| 250<br>250.50    |                   |                |  | Venillo: py>cl>po>qt<br>Tex msr            |                       |          |          |           | Q-45                  | 250.50                      | RW=5                  | 0.24                  | 0.81   | 0.009  | 33.5     |  |  |
| 255.82           |                   |                |  | Venillo: pr, mol po                        |                       |          |          |           |                       | 255.82                      | RW=3                  |                       |        |        |          |  |  |
| 270.10<br>271.84 |                   |                |  | Venillo: py>po>mol<br>Tex bd               |                       |          |          |           | Q-46<br>P-12          | 270.10<br>271.84            | RW=5                  | 0.16                  | 8.34   | 0.020  | 32.2     |  |  |
| 271.84           |                   |                |  | Venillo: po>py>mol>qt<br>Tex bd            |                       |          |          |           | Q-47<br>Q-48<br>P-11  | 271.84<br>272.14<br>271.84  | 30<br>40<br>RW=26     | 0.08                  | 16.45  | 0.030  | 28.4     |  |  |
| 290.55           |                   |                |  | Venillo: po>py>mol>cl<br>Tex msr           |                       |          |          |           | Q-49<br>Q-50          | 290.55<br>290.85            | 30<br>25<br>RW=12     | 0.61                  | 3.79   | 0.017  | 47.8     |  |  |
| 298.57<br>300    |                   |                |  | Venillo: po>mol>qt>cl<br>Tex msv           |                       |          |          |           | Q-51                  | 298.57                      | 30<br>RW=40           | 0.72                  | 1.39   | 0.025  | 121.3    |  |  |



| PROFUNDIDAD (m) | COLUMNA GEOLOGICA | NOMBRE DE ROCA | DESCRIPCION  | VETA                                     | ALTERACION SILICIFI | BLANQUEA | PIRITIZA | CLORITIZA | NUMERO DE MUESTRAS           | PROFUNDIDAD DE MUESTRO (m) | LARGO DE MUESTRA (cm) | RESULTADO DE ANALISIS |        |        |          |  |  |
|-----------------|-------------------|----------------|--|--|---------------------|----------|----------|-----------|------------------------------|----------------------------|-----------------------|-----------------------|--------|--------|----------|--|--|
|                 |                   |                |  |  |                     |          |          |           |                              |                            |                       | Sn (%)                | Zn (%) | Pb (%) | Ag (g/l) |  |  |
| 310             |                   | PIZARRA        | GRIS A NEGRO, COMPACTO, DURO, CON ESTRATIFICACION FINA A MEDIA |  |                     |          |          |           |                              |                            |                       |                       |        |        |          |  |  |
| 313.75          |                   |                |  | VENILLA: py >> po > qz > cl              |                     |          |          |           |                              | 313.75                     | 14                    |                       |        |        |          |  |  |
| 327.20          |                   |                |  | Venilla: py >> qz > po > cl > mal        |                     |          |          |           |                              | 327.20                     | 20                    |                       |        |        |          |  |  |
| 328.59          |                   |                |  | Venilla: po >> py > mal >> cl > qz       |                     |          |          |           |                              | 328.59                     | 10                    |                       |        |        |          |  |  |
| 339.72          |                   |                |  | Veta: mal >> po > py > qz                |                     |          |          |           | 0 - 52                       | 339.72                     | 40                    | 0.60                  | 0.80   | 0.040  | 55.8     |  |  |
| 344.00          |                   |                |  | Veta: mal >> po > py > qz                |                     |          |          |           | P - 13<br>10 - 53<br>10 - 54 | 344.00<br>344.00<br>344.30 | 30<br>40<br>40        | 0.17                  | 16.31  | 0.023  | 49.3     |  |  |
| 350.40          |                   |                |  | Veta: po > mal > py > qz > cl            |                     |          |          |           | 0 - 55                       | 350.40                     | 90                    | 0.16                  | 13.51  | 0.028  | 72.4     |  |  |
| 374.81          |                   |                |  | Veta: po > mal > py > qz > cl            |                     |          |          |           | 0 - 56                       | 374.81                     | 22                    | 0.08                  | 4.96   | 0.032  | 28.2     |  |  |
| 380             |                   |                |  | Se observan muchos Venillos de 1cm a 2cm |                     |          |          |           |                              |                            |                       |                       |        |        |          |  |  |
| 392.56          |                   |                |  | Venillas: py > mal > cl                  |                     |          |          |           |                              | 392.56                     | RW#2                  |                       |        |        |          |  |  |
| 398.94          |                   |                |  | Veta: py > po > cl > mal                 |                     |          |          |           | 0 - 57                       | 398.94                     | 20                    | 0.40                  | 5.76   | 0.024  | 64.5     |  |  |
| 399.83          |                   |                |  | Veta: mal > qz > cl > py > po            |                     |          |          |           | 0 - 58                       | 399.83                     | 20                    | 0.24                  | 13.01  | 0.036  | 27.0     |  |  |
| 405.25          |                   |                |  | Tax msv                                  |                     |          |          |           |                              |                            |                       |                       |        |        |          |  |  |

| PROFUNDIDAD (m) | COLUMNA GEOLOGICA | NOMBRE DE ROCA        | DESCRIPCION  | VETA | ALTERACION ARCILLOSA | SILICIFI. | BLANQUEA | PIRITIZA | CLORITZA. | NUMERO DE MUESTRAS | PROFUNDIDAD DE MUESTREO | LARGO DE MUESTRA (cm) | RESULTADO DE ANALISIS |        |        |          |  |  |
|-----------------|-------------------|-----------------------|--|------|----------------------|-----------|----------|----------|-----------|--------------------|-------------------------|-----------------------|-----------------------|--------|--------|----------|--|--|
|                 |                   |                       |  |      |                      |           |          |          |           |                    |                         |                       | Sn (%)                | Zn (%) | Pb (%) | Ag (g/t) |  |  |
| 0               |                   | PIZARRA INTemperizada | GRIS, BLANQUECINO, BLANDA, FUERTEMENTE FRACTURADO POR INTemperIZACION YESTIGOS FRAGMENTADOS SE OBSERVA LIMONITIZACION EN FIGURAS |      |                      |           |          |          |           |                    |                         |                       |                       |        |        |          |  |  |
| 20              |                   | PIZARRA ALTERADA      | GRIS A NEGRO, MEDIANAMENTE DURO Y COMPACTO   |      |                      |           |          |          |           |                    |                         |                       |                       |        |        |          |  |  |
| 30              |                   |                       | ALTERACION ARCILLOSA 31.65 ~ 41.75 FUERTEMENTE ALTERADO, BLANDA COLOR GRIS BLANQUECINO A NEGRO                                   |      |                      |           |          |          |           |                    |                         |                       |                       |        |        |          |  |  |
| 40              |                   | PIZARRA 72°           | GRIS A NEGRO, MEDIANAMENTE COMPACTO DURO   |      |                      |           |          |          |           |                    |                         |                       |                       |        |        |          |  |  |
| 60              |                   | PIZARRA ALTERADA 44°  | 65.55 ~ 69.50 FUERTEMENTE ALTERADA ALTERACION ARCILLOSA, MUY BLANDA  |      |                      |           |          |          |           |                    |                         |                       |                       |        |        |          |  |  |

| PROFUNDIDAD (m) | COLUMNA GEOLOGICA | NOMBRE DE ROCA   | DESCRIPCION  | VETA | ALTERACION SILICIFI. | BLANQUEA. | PIRITIZA. | CLORITIZA. | NUMERO DE MUESTRAS | PROFUNDIDAD DE MUESTREO (cm) | LARGO DE MUESTRA (cm) | RESULTADO DE ANALISIS |        |        |          |  |  |  |  |
|-----------------|-------------------|------------------|--|------|----------------------|-----------|-----------|------------|--------------------|------------------------------|-----------------------|-----------------------|--------|--------|----------|--|--|--|--|
|                 |                   |                  |  |      |                      |           |           |            |                    |                              |                       | Sn (%)                | Zn (%) | Pb (%) | Ag (g/t) |  |  |  |  |
|                 |                   |                  | CONTINUACION   |      |                      |           |           |            |                    |                              |                       |                       |        |        |          |  |  |  |  |
| 108.25<br>110   |                   | PIZARRA ALTERADA | GRIS BLANQUECINO, BLANDA ALTERACION ARCILLOSA  |      |                      |           |           |            |                    |                              |                       |                       |        |        |          |  |  |  |  |
| 119.65<br>120   |                   | PIZARRA<br>44°   | GRIS A NEGRO, COMPACTO, MEDIANAMENTE DURO<br>ESTRATIFICACION FINA CON MICA                               |      |                      |           |           |            |                    |                              |                       |                       |        |        |          |  |  |  |  |
| 130             |                   |                  |  |      |                      |           |           |            |                    |                              |                       |                       |        |        |          |  |  |  |  |
| 140             |                   |                  |  |      |                      |           |           |            |                    |                              |                       |                       |        |        |          |  |  |  |  |
| 150             |                   |                  |  |      |                      |           |           |            |                    |                              |                       |                       |        |        |          |  |  |  |  |
| 159.40<br>160   |                   | ZONA FRACTURADA  | TESTIGO EN FRAGMENTOS, ALGUNAS PARTES ALTERACION ARCILLOSA, CON BRECHA O FRAGMENTO DE PIZARRA EN ARCILLA |      |                      |           |           |            |                    |                              |                       |                       |        |        |          |  |  |  |  |
| 164.00          |                   | PIZARRA          | GRIS A NEGRO, MEDIANAMENTE COMPACTO Y DURO<br>ESTRATIFICACION FINA                                       |      |                      |           |           |            |                    |                              |                       |                       |        |        |          |  |  |  |  |
| 170             |                   |                  |  |      |                      |           |           |            |                    |                              |                       |                       |        |        |          |  |  |  |  |
| 180             |                   |                  |  |      |                      |           |           |            |                    |                              |                       |                       |        |        |          |  |  |  |  |
| 190             |                   |                  |  |      |                      |           |           |            |                    |                              |                       |                       |        |        |          |  |  |  |  |
| 200             |                   |                  |  |      |                      |           |           |            |                    |                              |                       |                       |        |        |          |  |  |  |  |

| PROFUNDIDAD (m) | COLUMNA GEOLOGICA          | NOMBRE DE ROCA         | DESCRIPCION   | VETA                                | ALTERACION SILICIFI. | BLANQUEA. | PIRITIZA. | CLORITIZA. | NUMERO DE MUESTRAS | PROFUNDIDAD DE MUESTREO (m) | LARGO DE MUESTRA (cm) | RESULTADO DE ANALISIS |        |        |          |  |  |  |
|-----------------|----------------------------|------------------------|---|-------------------------------------|----------------------|-----------|-----------|------------|--------------------|-----------------------------|-----------------------|-----------------------|--------|--------|----------|--|--|--|
|                 |                            |                        |   |                                     |                      |           |           |            |                    |                             |                       | Sn (%)                | Zn (%) | Pb (%) | Ag (g/l) |  |  |  |
| 202.00          | [Cross-hatched pattern]    | PIZARRA CON FRAGMENTOS | (CONTINUACION)<br>GRIS A NEGRO, BLANDA CON FRAGMENTOS DE PIZARRA, ALTERACION ARCILLOSA  |                                     |                      |           |           |            |                    |                             |                       |                       |        |        |          |  |  |  |
| 204.70          |                            | 14°                    |   | ALGUNOS SECTORES ESTAN FRAGMENTADOS |                      |           |           |            |                    |                             |                       |                       |        |        |          |  |  |  |
| 210             | [Horizontal lines pattern] |                        |   |                                     |                      |           |           |            |                    |                             |                       |                       |        |        |          |  |  |  |
| 220             | [Horizontal lines pattern] |                        |   |                                     |                      |           |           |            |                    |                             |                       |                       |        |        |          |  |  |  |
| 230             | [Horizontal lines pattern] |                        |   |                                     |                      |           |           |            |                    |                             |                       |                       |        |        |          |  |  |  |
| 240             | [Horizontal lines pattern] |                        |   |                                     |                      |           |           |            |                    |                             |                       |                       |        |        |          |  |  |  |
| 250             | [Horizontal lines pattern] |                        |   |                                     |                      |           |           |            |                    |                             |                       |                       |        |        |          |  |  |  |
| 260             | [Horizontal lines pattern] |                        |   |                                     |                      |           |           |            |                    |                             |                       |                       |        |        |          |  |  |  |
| 266.45          | [Cross-hatched pattern]    | PIZARRA FRAGMENTADA    | PIZARRA FRAGMENTADA, BLANDA CON BRECHA DE PIZARRA GRIS A NEGRO, ALTERACION ARCILLOSA PARTE INFERIOR GRIS A VERDE, BASTANTE CLORITIZADA Y BLANDA |                                     |                      |           |           |            |                    |                             |                       |                       |        |        |          |  |  |  |
| 270             | [Cross-hatched pattern]    |                        |   |                                     |                      |           |           |            |                    |                             |                       |                       |        |        |          |  |  |  |
| 275.73          | [Horizontal lines pattern] | PIZARRA                | GRIS A NEGRO, COMPACTO, DURO  |                                     |                      |           |           |            |                    |                             |                       |                       |        |        |          |  |  |  |
| 279.33          | ?                          |                        |   | Ventila: py>> mat                   |                      |           |           |            | Q - 62             | 278.33                      | RW 3                  | 0.50                  | 5.36   | 0.008  | 38.0     |  |  |  |
| 278.40          | 20°                        |                        |   | Ventila: mol > py                   |                      |           |           |            | Q - 63             | 278.40                      | RW 3                  | 0.30                  | 4.67   | 0.005  | 23.8     |  |  |  |
| 280             |                            |                        |   |                                     |                      |           |           |            |                    |                             |                       |                       |        |        |          |  |  |  |
| 281.51          | 38°                        |                        |   | Ventila: py>mar>mol>cl              |                      |           |           |            | Q - 64             | 281.51                      | RW 5                  | 0.30                  | 1.40   | 0.008  | 44.2     |  |  |  |
| 284.50          | 40°                        |                        |   | Ventila: mol>sid>py>cl              |                      |           |           |            | Q - 65             | 286.50                      | RW 3                  | 1.30                  | 22.25  | 0.034  | 51.5     |  |  |  |
| 284.66          | 38°                        |                        |   | Ventila: py>sid>mol>cl              |                      |           |           |            | Q - 66             | 284.66                      | RW 5                  | 0.50                  | 7.15   | 0.037  | 35.8     |  |  |  |
| 285.59          | 20°                        |                        |   | Ventila: py>mol>sid>cl              |                      |           |           |            |                    | 285.59                      | RW 3                  |                       |        |        |          |  |  |  |
| 286.33          | 20°                        |                        |   | Ventila: sid>py>mol                 |                      |           |           |            |                    | 286.33                      | RW 2                  |                       |        |        |          |  |  |  |
| 290             |                            |                        |   |                                     |                      |           |           |            |                    |                             |                       |                       |        |        |          |  |  |  |
| 294.29          | 40°                        |                        |   | Veta: py>mar>mol>qtz                |                      |           |           |            | P - 14             | 294.49                      |                       |                       |        |        |          |  |  |  |
| 293.20          | 40°                        |                        |   | Tex Brechosa                        |                      |           |           |            | SP - 11            | 294.49                      |                       |                       |        |        |          |  |  |  |
|                 |                            |                        |   | Veta: py>sid>cl>qtz                 |                      |           |           |            | Q - 67             | 294.29                      | 20                    |                       |        |        |          |  |  |  |
|                 |                            |                        |   | Tex Brechosa                        |                      |           |           |            | Q - 68             | 294.49                      | 20                    | 0.92                  | 3.03   | 0.011  | 28.5     |  |  |  |
|                 |                            |                        |   | Veta: po>py>mol>qtz>cl              |                      |           |           |            | Q - 69             | 294.69                      | 30                    |                       |        |        |          |  |  |  |
|                 |                            |                        |   | Tex máx                             |                      |           |           |            | Q - 70             | 295.20                      | 29                    | 0.34                  | 0.18   | 0.005  | 34.1     |  |  |  |
| 298.70          | 38°                        |                        |   |                                     |                      |           |           |            | Q - 71             | 297.70                      | 13                    | 0.17                  | 7.15   | 0.013  | 39.8     |  |  |  |
| 300             |                            |                        |   |                                     |                      |           |           |            | P - 15             | 297.70                      |                       |                       |        |        |          |  |  |  |

| PROFUNDIDAD<br>(m) | COLUMNA<br>GEOLOGICA | NOMBRE<br>DE ROCA | DESCRIPCION                          | VETA  | ALTERACION<br>SILICIF.<br>BLANQUEA<br>PIRITIZA<br>CLORITIZA | NUMERO<br>DE<br>MUESTRAS | PROFUNDIDAD<br>DE<br>MUESTRO<br>(m) | LARGO DE<br>MUESTRA<br>(cm) | RESULTADO DE ANALISIS |              |                |              |  |
|--------------------|----------------------|-------------------|--------------------------------------|---|---|--------------------------|-------------------------------------|-----------------------------|-----------------------|--------------|----------------|--------------|--|
|                    |                      |                   |                                      |   |   |                          |                                     |                             | Sn                    | Zn           | Pb             | Ag           |  |
|                    |                      |                   |                                      |   |   |                          |                                     |                             | (%)                   | (%)          | (%)            | (g/t)        |  |
| 300.89             |                      | PIZARRA           | GRIS A NEGRO, COMPACTO, DURO         | Veta: mol>>py>qt<br>Tex bd                              |   | 0 - 72                   | 300.89                              | 7                           | 0.58                  | 16.66        | 0.012          | 56.2         |  |
| 304.15             |                      |                   |                                      | Vanillo: py>sl>qt                                       |   |                          | 304.15                              | RW 2                        |                       |              |                |              |  |
| 310                |                      |                   |                                      |   |   |                          |                                     |                             |                       |              |                |              |  |
| 310.58             |                      |                   |                                      | Vanillo: qt>py>cl>mol<br>Veta: py>>mol>cl>qt<br>Tex mas |   | 0 - 73<br>0 - 74         | 310.58<br>311.85                    | RW 4<br>13                  | 0.17<br>0.08          | 0.34<br>2.78 | 0.012<br>0.014 | 14.5<br>21.6 |  |
| 312.20             |                      |                   |                                      | Vanillo: py>qt>mol<br>Vetillo: py>mol>qt                |   |                          | 312.20<br>313.69                    | RW 2<br>RW 2                |                       |              |                |              |  |
| 320                |                      |                   |                                      |   |   |                          |                                     |                             |                       |              |                |              |  |
| 320.70             |                      |                   |                                      | Vanillo: py>qt>mol                                      |   |                          | 320.70                              | RW 2                        |                       |              |                |              |  |
| 330                |                      |                   |                                      |   |   |                          |                                     |                             |                       |              |                |              |  |
| 337.90             |                      |                   |                                      | Vanillo: po>sl>qt>mol<br>mol>cl                         |   |                          | 337.90                              | RW 4                        |                       |              |                |              |  |
| 340                |                      |                   |                                      |   |   |                          |                                     |                             |                       |              |                |              |  |
| 350                |                      |                   |                                      |   |   |                          |                                     |                             |                       |              |                |              |  |
| 354.60             |                      |                   |                                      |   |   | 5 - 8                    | 354.60                              |                             |                       |              |                |              |  |
| 360                |                      |                   |                                      |   |   |                          |                                     |                             |                       |              |                |              |  |
| 370                |                      |                   |                                      |   |   |                          |                                     |                             |                       |              |                |              |  |
| 375.43             |                      |                   |                                      | Vanillo: mol>py>qt                                      |   |                          | 375.43                              | RW 3                        |                       |              |                |              |  |
| 378.45             |                      |                   |                                      | Vanillo: py>po>mol>qt<br>Tex bd                         |   | 0 - 75                   | 378.45                              | RW 4                        | 0.51                  | 1.09         | 0.01           | 56.0         |  |
| 380                |                      |                   | 378.45 ~ 383.00, HAY VARNIS VENILLAS |   |   |                          |                                     |                             |                       |              |                |              |  |
| 383.00             |                      |                   |                                      | Vanillo: py>>   |   |                          | 383.00                              | RW 2                        |                       |              |                |              |  |
| 390                |                      |                   |                                      |   |   |                          |                                     |                             |                       |              |                |              |  |
| 394.04             |                      |                   |                                      | Vanillo: po>py>qt>cl<br>Vanillo: po>py                  |   | 0 - 76<br>0 - 77         | 394.04<br>394.93                    | RW 3<br>RW 3                | 0.17<br>0.08          | 1.00<br>0.18 | 0.160<br>0.012 | 52.2<br>19.5 |  |
| 395.12             |                      |                   |                                      | Vanillo: po>py>cl                                       |   | 0 - 78                   | 395.12                              | RW 3                        | 0.05                  | 0.087        | 0.010          | 18.0         |  |
| 397.86             |                      |                   |                                      | Vanillo: po>qt>py                                       |   |                          | 397.86                              | RW 4                        |                       |              |                |              |  |
| 400                |                      |                   |                                      |   |   |                          |                                     |                             |                       |              |                |              |  |

| PROFUNDIDAD<br>(m) | COLUMNA<br>GEOLOGICA | NOMBRE<br>DE ROCA     | DESCRIPCION  | VETA | ALTERACION<br>ARCILLA | SILICIFI. | BLANQUEO | PIRITIZA | CLORITIZA | NUMERO<br>DE<br>MUESTRAS | PROFUNDIDAD<br>DE<br>MUESTREO<br>(m) | LARGO DE<br>MUESTRA<br>(cm) | RESULTADO DE ANALISIS |           |           |             |  |  |
|--------------------|----------------------|-----------------------|--|------|-----------------------|-----------|----------|----------|-----------|--------------------------|--------------------------------------|-----------------------------|-----------------------|-----------|-----------|-------------|--|--|
|                    |                      |                       |  |      |                       |           |          |          |           |                          |                                      |                             | Sn<br>(%)             | Zn<br>(%) | Pb<br>(%) | Ag<br>(g/t) |  |  |
| 0                  |                      | PIZARRA               | PIZARRA GRIS A NEGRO BLANDA DE GRANO FINO                            |      |                       |           |          |          |           |                          |                                      |                             |                       |           |           |             |  |  |
| 10                 |                      |                       |  |      |                       |           |          |          |           |                          |                                      |                             |                       |           |           |             |  |  |
| 20                 |                      |                       |  |      |                       |           |          |          |           |                          |                                      |                             |                       |           |           |             |  |  |
| 30                 |                      |                       |  |      |                       |           |          |          |           |                          |                                      |                             |                       |           |           |             |  |  |
| 40                 |                      |                       |  |      |                       |           |          |          |           |                          |                                      |                             |                       |           |           |             |  |  |
| 50                 |                      |                       |  |      |                       |           |          |          |           |                          |                                      |                             |                       |           |           |             |  |  |
| 60                 |                      |                       |  |      |                       |           |          |          |           |                          |                                      |                             |                       |           |           |             |  |  |
| 70                 |                      |                       |  |      |                       |           |          |          |           |                          |                                      |                             |                       |           |           |             |  |  |
| 75                 |                      | PIZARRA BRE-<br>CHADA |  |      |                       |           |          |          |           |                          |                                      |                             |                       |           |           |             |  |  |
| 80                 |                      |                       |  |      |                       |           |          |          |           |                          |                                      |                             |                       |           |           |             |  |  |
| 90                 |                      |                       | ZONA DE FALLA BRECHADA CON FRAGMENTOS DE VETA EN<br>ALGUNOS SECTORES |      |                       |           |          |          |           |                          |                                      |                             |                       |           |           |             |  |  |
| 100                |                      |                       |  |      |                       |           |          |          |           |                          |                                      |                             |                       |           |           |             |  |  |

| PROFUNDIDAD | COLUMNA GEOLOGICA | NOMBRE DE ROCA | DESCRIPCION   | VETA                                      | ALTERACION SILICIFI | BLANQUEA | PIRITIZA | CLORITIZA | NUMERO DE MUESTRAS | PROFUNDIDAD DE MUESTREO | LARGO DE C.B. MUESTRA | RESULTADO DE ANALISIS |        |        |          |  |  |  |
|-------------|-------------------|----------------|---|---|---------------------|----------|----------|-----------|--------------------|-------------------------|-----------------------|-----------------------|--------|--------|----------|--|--|--|
|             |                   |                |   |   |                     |          |          |           |                    |                         |                       | Sn (%)                | Zn (%) | Pb (%) | Ag (g/t) |  |  |  |
|             |                   |                | (CONTINUACION)  |   |                     |          |          |           |                    |                         |                       |                       |        |        |          |  |  |  |
| 118         |                   | PIZARRA        | PIZARRA GRIS A NEGRO VERDUSCO CLORITIZADA, PARCIALMENTE CON VENILLAS py, mat, sid             |   |                     |          |          |           |                    |                         |                       |                       |        |        |          |  |  |  |
| 120         |                   |                |   |   |                     |          |          |           |                    |                         |                       |                       |        |        |          |  |  |  |
| 130         |                   |                |   |   |                     |          |          |           |                    |                         |                       |                       |        |        |          |  |  |  |
| 138.70      |                   | PIZARRA        | PIZARRA GRIS A NEGRO VERDUSCO COMPACTO DURO BASTANTE CLORITIZADO CON VENILLAS de mat, py, sid |   |                     |          |          |           |                    |                         |                       |                       |        |        |          |  |  |  |
| 140         |                   |                |   |   |                     |          |          |           |                    |                         |                       |                       |        |        |          |  |  |  |
| 150         |                   |                |   |   |                     |          |          |           |                    |                         |                       |                       |        |        |          |  |  |  |
| 151         |                   |                |   | VENILLA: mat > sid<br>tex. ds             |                     |          |          |           |                    |                         | 2                     |                       |        |        |          |  |  |  |
| 160         |                   | PIZARRA        | PIZARRA GRIS A NEGRO COMPACTO DURO CLORITIZADO SOLO EN FRACTURAS                              | VENILLA: mat > sid > py<br>tex. irregular |                     |          |          |           |                    |                         | 2                     |                       |        |        |          |  |  |  |
| 170         |                   |                |   |   |                     |          |          |           |                    |                         |                       |                       |        |        |          |  |  |  |
| 180         |                   |                |   |   |                     |          |          |           |                    |                         |                       |                       |        |        |          |  |  |  |
| 190         |                   |                |   |   |                     |          |          |           |                    |                         |                       |                       |        |        |          |  |  |  |
| 200         |                   |                |   |   |                     |          |          |           |                    |                         |                       |                       |        |        |          |  |  |  |

| PROFUNDIDAD (m) | COLUMNA GEOLOGICA | NOMBRE DE ROCA | DESCRIPCION  | VEYA | ALTERACION SILICIF. BLANQUEA. PIRITIZ. CLORITIZ. | NUMERO DE MUESTRAS | PROFUNDIDAD DE MUESTREO (m) | LARGO DE MUESTRA (cm) | RESULTADO DE ANALISIS |        |        |          |          |  |  |  |  |  |  |  |
|-----------------|-------------------|----------------|--|------|--|--------------------|-----------------------------|-----------------------|-----------------------|--------|--------|----------|----------|--|--|--|--|--|--|--|
|                 |                   |                |  |      |  |                    |                             |                       | Sn (%)                | Zn (%) | Pb (%) | Ag (g/t) | An (g/t) |  |  |  |  |  |  |  |
|                 |                   | PIZARRA<br>10° | (CONTINUACION)<br>PIZARRA GRIS COMPACTO, DURO GRANO FINO CLORITIZADO SOLO EN FRACTURAS |      |  |                    |                             |                       |                       |        |        |          |          |  |  |  |  |  |  |  |
| 210             |                   |                |  |      |  |                    |                             |                       |                       |        |        |          |          |  |  |  |  |  |  |  |
| 215             |                   |                |  |      |  |                    |                             |                       |                       |        |        |          |          |  |  |  |  |  |  |  |
| 220             |                   |                |  |      |  |                    |                             |                       |                       |        |        |          |          |  |  |  |  |  |  |  |
| 230             |                   |                |  |      |  |                    |                             |                       |                       |        |        |          |          |  |  |  |  |  |  |  |
| 240             |                   |                |  |      |  |                    |                             |                       |                       |        |        |          |          |  |  |  |  |  |  |  |
| 250             |                   | PIZARRA        | PIZARRA GRIS A NEGRO DE GRANO FINO COMPACTO DURO                                       |      |  |                    |                             |                       |                       |        |        |          |          |  |  |  |  |  |  |  |
| 260             |                   |                |  |      |  |                    |                             |                       |                       |        |        |          |          |  |  |  |  |  |  |  |
| 270             |                   |                |  |      |  |                    |                             |                       |                       |        |        |          |          |  |  |  |  |  |  |  |
| 280             |                   |                |  |      |  |                    |                             |                       |                       |        |        |          |          |  |  |  |  |  |  |  |
| 290             |                   |                |  |      |  |                    |                             |                       |                       |        |        |          |          |  |  |  |  |  |  |  |
| 300             |                   |                |  |      |  |                    |                             |                       |                       |        |        |          |          |  |  |  |  |  |  |  |



| PROFUNDIDAD (m)                   | COLUMNA GEOLOGICA | NOMBRE DE ROCA | DESCRIPCION   | VETA   | ALTERACION SILICIF. | BLANQUEO | PIRITIZA. | CLORITIZA | NUMERO DE MUESTRAS | PROFUNDIDAD DE MUESTREO (m) | LARGO DE MUESTRA (cm) | RESULTADO DE ANALISIS |                       |              |              |               |  |  |  |
|-----------------------------------|-------------------|----------------|---|--|---------------------|----------|-----------|-----------|--------------------|-----------------------------|-----------------------|-----------------------|-----------------------|--------------|--------------|---------------|--|--|--|
|                                   |                   |                |   |  |                     |          |           |           |                    |                             |                       | Sn (%)                | Zn (%)                | Pb (%)       | Ag (g/l)     | An (g/l)      |  |  |  |
|                                   |                   | PIZARRA        | (CONTINUACION)  |  |                     |          |           |           |                    |                             |                       |                       |                       |              |              |               |  |  |  |
| 310                               |                   |                |   |  |                     |          |           |           |                    |                             |                       |                       |                       |              |              |               |  |  |  |
| 304                               |                   |                |   | VENILLAS: py > mat<br>Tex. irregular   |                     |          |           |           |                    |                             | 1 ~ 5                 |                       |                       |              |              |               |  |  |  |
| 320<br>320.50<br>320.20           |                   | pm             |   | VETA: po > py > mat<br>Tex. bd   |                     |          |           |           |                    |                             | 20                    |                       |                       |              |              |               |  |  |  |
| 330<br>330.50<br>331.70<br>332.70 |                   | ?              | PIZARRA DE COLOR GRIS A NEGRO DE GRANO FINO COMPACTO DURO | VETA: po > py > qz > mat<br>Tex. msv<br>VENILLAS: po > py > qz > mat<br>Tex. irregular |                     |          |           |           | 0 - 130<br>0 - 131 | 330.50<br>331.70            | 120<br>100            | W220                  | menos<br>0.01<br>2.96 | 4.77<br>2.96 | 0.03<br>0.03 | 138.0<br>60.2 |  |  |  |
| 340                               |                   |                |   |  |                     |          |           |           |                    |                             |                       |                       |                       |              |              |               |  |  |  |
| 350                               |                   | zo             |   |  |                     |          |           |           |                    |                             |                       |                       |                       |              |              |               |  |  |  |
| 355.50<br>353.00                  |                   |                |   | VENILLA: py > mat<br>Tex. irregular  |                     |          |           |           |                    |                             |                       |                       |                       |              |              |               |  |  |  |
| 360                               |                   |                |   |  |                     |          |           |           |                    |                             |                       |                       |                       |              |              |               |  |  |  |
| 370                               |                   |                |   |  |                     |          |           |           |                    |                             |                       |                       |                       |              |              |               |  |  |  |
| 380                               |                   |                |   |  |                     |          |           |           |                    |                             |                       |                       |                       |              |              |               |  |  |  |
| 390                               |                   |                |   |  |                     |          |           |           |                    |                             |                       |                       |                       |              |              |               |  |  |  |
| 400<br>400.30                     |                   |                |   |  |                     |          |           |           |                    |                             |                       |                       |                       |              |              |               |  |  |  |

| PROFUNDIDAD (m) | COLUMNA GEOLOGICA | NOMBRE DE ROCA | DESCRIPCION  | VETA | ALTERACION SILICIF. ARCILLA | BLANQUEO | PIRITIZA | CLORITIZA | NUMERO DE MUESTRAS | PROFUNDIDAD DE MUESTREO (cm) | RESULTADO DE ANALISIS |        |        |          |
|-----------------|-------------------|----------------|--|------|-----------------------------|----------|----------|-----------|--------------------|------------------------------|-----------------------|--------|--------|----------|
|                 |                   |                |  |      |                             |          |          |           |                    |                              | Sn (%)                | Zn (%) | Pb (%) | Ag (g/l) |
| 0               |                   | SUELO          | ARENA, BRECHAS DE PIZARRA, ARENISCAS ARCILLAS, BLANDA          |      |                             |          |          |           |                    |                              |                       |        |        |          |
| 8.84            |                   | ARENISCA       | GRANO FINO, GRIS BLANQUECINO DURO, COMPACTO, CON BASTANTE MICA |      |                             |          |          |           |                    |                              |                       |        |        |          |
| 20.65           |                   | PIZARRA        | GRIS OSCURO, DURO COMPACTO CON MICA                            |      |                             |          |          |           |                    |                              |                       |        |        |          |
| 25.82           |                   |                | ZONA FRACTURADA  |      |                             |          |          |           |                    |                              |                       |        |        |          |
| 37.78           |                   | PIZARRA        | GRIS OSCURO, DURO COMPACTO CON MICA                            |      |                             |          |          |           |                    |                              |                       |        |        |          |
| 76.13           |                   | ARENISCA       | DURO, COMPACTO, GRANO FINO                                     |      |                             |          |          |           |                    |                              |                       |        |        |          |
| 77.13           |                   | PIZARRA        | GRIS BLANQUECINO<br>GRIS OSCURO, DURO COMPACTO CON MICA        |      |                             |          |          |           |                    |                              |                       |        |        |          |
| 82.05           |                   |                | ZONA FRACTURADA CON FRAGMENTOS                                 |      |                             |          |          |           |                    |                              |                       |        |        |          |
| 83.16           |                   | PIZARRA        | DURO, COMPACTO, GRIS OSCURO                                    |      |                             |          |          |           |                    |                              |                       |        |        |          |
| 91.64           |                   |                | ZONA FRACTURADA<br>BLANDA, ARGILIFICACION<br>OSCURO NEGRO      |      |                             |          |          |           |                    |                              |                       |        |        |          |

| PROFUNDIDAD (m) | COLUMNA GEOLOGICA | NOMBRE DE ROCA | DESCRIPCION  | VETA                                    | ALTERACION ARCILLA | SILICIFI. | BLANQUEO. | PIRITIZA | CLORITIZA. | NUMERO DE MUESTRAS | PROFUNDIDAD MUESTREO (m) | LARGO DE MUESTRA (cm) | RESULTADO DE ANALISIS |        |        |          |  |  |  |
|-----------------|-------------------|----------------|--|---|--------------------|-----------|-----------|----------|------------|--------------------|--------------------------|-----------------------|-----------------------|--------|--------|----------|--|--|--|
|                 |                   |                |  |   |                    |           |           |          |            |                    |                          |                       | Sn (%)                | Zn (%) | Pb (%) | Ag (g/t) |  |  |  |
| 100.35          |                   | PIZARRA        | (CONTINUACION)<br>GRIS OSCURO, MEDIANAMENTE DURO Y COMPACTO CON Poca MCA |   |                    |           |           |          |            |                    |                          |                       |                       |        |        |          |  |  |  |
| 110             |                   |                |  |   |                    |           |           |          |            |                    |                          |                       |                       |        |        |          |  |  |  |
| 120             |                   |                |  |   |                    |           |           |          |            |                    |                          |                       |                       |        |        |          |  |  |  |
| 130             |                   |                |  |   |                    |           |           |          |            |                    |                          |                       |                       |        |        |          |  |  |  |
| 137.35          |                   |                | ZONA FRACTURADA, BLANDA<br>ALTERACION ARGILIFICADA                       |   |                    |           |           |          |            |                    |                          |                       |                       |        |        |          |  |  |  |
| 139.95          |                   |                |  |   |                    |           |           |          |            |                    |                          |                       |                       |        |        |          |  |  |  |
| 140             |                   |                |  |   |                    |           |           |          |            |                    |                          |                       |                       |        |        |          |  |  |  |
| 143.19          |                   |                |  | VETA: sid >> py<br>lex bre. o bd        |                    |           |           |          |            |                    |                          |                       |                       |        |        |          |  |  |  |
| 144.23          |                   | PIZARRA        |  |   |                    |           |           |          |            |                    |                          |                       |                       |        |        |          |  |  |  |
| 150             |                   |                |  |   |                    |           |           |          |            |                    |                          |                       |                       |        |        |          |  |  |  |
| 160             |                   |                |  |   |                    |           |           |          |            |                    |                          |                       |                       |        |        |          |  |  |  |
| 168.39          |                   |                |  | VENILLA: py >> sid > mol<br>MUY DELGADO |                    |           |           |          |            |                    | 168.39                   | 4                     |                       |        |        |          |  |  |  |
| 170             |                   |                |  |   |                    |           |           |          |            |                    |                          |                       |                       |        |        |          |  |  |  |
| 178.42          |                   |                |  | VENILLA: sid >>                         |                    |           |           |          |            |                    | 178.42                   | 5                     |                       |        |        |          |  |  |  |
| 180             |                   |                |  |   |                    |           |           |          |            |                    |                          |                       |                       |        |        |          |  |  |  |
| 181.31          |                   |                |  | VETA: sid >> py mol<br>lex bd           |                    |           |           |          |            |                    | 181.31                   | 50                    | 0.17                  | 3.37   | 0.47   | 105.0    |  |  |  |
| 181.81          |                   |                |  |   |                    |           |           |          |            |                    |                          |                       |                       |        |        |          |  |  |  |
| 190             |                   |                |  |   |                    |           |           |          |            |                    |                          |                       |                       |        |        |          |  |  |  |
| 200             |                   |                |  |   |                    |           |           |          |            |                    |                          |                       |                       |        |        |          |  |  |  |

| PROFUNDIDAD (m)         | COLUMNA GEOLOGICA | NOMBRE DE ROCA | DESCRIPCION    | VETA   | ALTERACION SILICIF. BLANQUEA PIRITIZACION CLORITIZACION | NUMERO DE MUESTRAS        | PROFUNDIDAD DE MUESTREO (m) | LARGO DE MUESTRA (cm) | RESULTADO DE ANALISIS |              |              |                  |        |
|-------------------------|-------------------|----------------|----------------|--|---|---------------------------|-----------------------------|-----------------------|-----------------------|--------------|--------------|------------------|--------|
|                         |                   |                |                |  |   |                           |                             |                       | Sn (%)                | Zn (%)       | Pb (%)       | Ag (g/t)         |        |
| 210                     |                   |                | (CONTINUACION) |  |   |                           |                             |                       |                       |              |              |                  |        |
| 220<br>220.14           |                   |                |                | VENILLA: py> sid> mol  |   |                           | 220.14                      | 4                     |                       |              |              |                  |        |
| 230<br>232.28           |                   |                |                | VETA: py> sp> ga>> sid<br>MINERALIZACION BUENA<br>tex bre IRREGULAR<br>COMPACTO DURO |   | P - 3<br>Q - 13<br>Q - 14 | 231.33<br>231.33<br>231.74  | 41<br>54              | 0.16<br>0.16          | 4.18<br>6.28 | 3.49<br>5.99 | 1245.0<br>2050.0 | W=0.95 |
| 240                     |                   |                |                |  |   |                           |                             |                       |                       |              |              |                  |        |
| 250                     |                   |                |                |  |   |                           |                             |                       |                       |              |              |                  |        |
| 260<br>260.81<br>260.81 |                   |                |                | VETA: py>> sp> ga> mol<br>MINERALIZACION BUENA<br>tex, bd                            |   | Q - 15<br>SP - 5          | 260.81<br>260.81            | 58                    | 0.33<br>0.33          | 5.98<br>5.98 | 2.89<br>2.89 | 176.0            |        |
| 265.80                  |                   |                |                | sid py gn sid<br>VENILLA: sid> py> mol   |   | Q - 16                    | 265.80                      | 12                    | 1.99                  | 12.36        | 1.79         | 220.0            |        |
| 270                     |                   |                |                |  |   |                           |                             |                       |                       |              |              |                  |        |
| 280                     |                   |                |                |  |   |                           |                             |                       |                       |              |              |                  |        |
| 290                     |                   |                |                |  |   |                           |                             |                       |                       |              |              |                  |        |
| 300                     |                   |                |                |  |   |                           |                             |                       |                       |              |              |                  |        |

| PROFUNDIDAD (m) | COLUMNA GEOLOGICA | NOMBRE DE ROCA                                | DESCRIPCION   | VETA                               | ALTERACION SILICIFI. BLANQUEA. PIRITIZA. CLORITIZA. | NUMERO DE MUESTRAS | PROFUNDIDAD DE MUESTRO (m) | LARGO DE MUESTRA (cm) | RESULTADO DE ANALISIS |        |        |          |  |  |  |
|-----------------|-------------------|---|---|------------------------------------|---|--------------------|----------------------------|-----------------------|-----------------------|--------|--------|----------|--|--|--|
|                 |                   |   |   |                                    |   |                    |                            |                       | Sn (%)                | Zn (%) | Pb (%) | Ag (g/l) |  |  |  |
|                 |                   | INTERCALACIONES DE OELGAS PIZARRAS Y ARENISCA | GRIS A NEGRO, DURO Y COMPACTO<br>ESTRATIFICACION FINA DE ARENISCA Y PIZARRA |                                    |   |                    |                            |                       |                       |        |        |          |  |  |  |
| 310             |                   |   |   |                                    |   |                    |                            |                       |                       |        |        |          |  |  |  |
| 320             |                   |   |   |                                    |   |                    |                            |                       |                       |        |        |          |  |  |  |
| 330             |                   |   |   |                                    |   |                    |                            |                       |                       |        |        |          |  |  |  |
| 330.57          |                   |   |   |                                    |   | 5 - 2              | 330.57                     |                       |                       |        |        |          |  |  |  |
| 334.00          |                   | PIZARRA                                       | NEGRO, DURO Y COMPACTO<br>ESTRATIFICACION FINO                              | VENILLA: py. sid. mol<br>faz - b d |   | 0 - 17             | 334.61                     | 7                     | 0.16                  | 11.96  | 0.032  | 71.0     |  |  |  |
| 334.60          |                   |   |   | VENILLA: py. mol. sid              |   |                    |                            |                       |                       |        |        |          |  |  |  |
| 335.20          |                   |   |   | VETA: py. mol. sid<br>faz. bien bd |   | 0 - 18             | 336.13                     | 15                    | 0.08                  | 3.88   | 0.016  | 46.0     |  |  |  |
| 336.13          |                   |   |   | BUENA MINERALIZACION COMPACTO      |   | SP - 6             | 336.13                     |                       |                       |        |        |          |  |  |  |
| 340             |                   |   |   | DURO                               |   | P - 4              | 336.13                     |                       |                       |        |        |          |  |  |  |
| 350             |                   |   |   |                                    |   |                    |                            |                       |                       |        |        |          |  |  |  |
| 360             |                   |   |   |                                    |   |                    |                            |                       |                       |        |        |          |  |  |  |
| 370             |                   |   |   |                                    |   |                    |                            |                       |                       |        |        |          |  |  |  |
| 372.60          |                   |   | ZONA FRACTURADA   |                                    |   |                    |                            |                       |                       |        |        |          |  |  |  |
| 374.40          |                   |   |   |                                    |   |                    |                            |                       |                       |        |        |          |  |  |  |
| 380             |                   |   | 375.00 - 377.00 CLORITIZACION<br>PIZARRA CLORITIZADA<br>COLORACION VERDE    |                                    |   |                    |                            |                       |                       |        |        |          |  |  |  |
| 390             |                   |   |   |                                    |   |                    |                            |                       |                       |        |        |          |  |  |  |
| 400             |                   |   |   |                                    |   |                    |                            |                       |                       |        |        |          |  |  |  |

| PROFUNDIDAD (m)  | COLUMNA GEOLOGICA | NOMBRE DE ROCA | DESCRIPCION  | VETA                          | ALTERACION SILICIFI | BLANQUEA | PIRITIZA | CLORITIZA | NUMERO DE MUESTRAS | PROFUNDIDAD DE MUESTREO (m) | LARGO DE MUESTRA (cm) | RESULTADO DE ANALISIS |        |        |          |  |  |
|------------------|-------------------|----------------|--|-------------------------------|---------------------|----------|----------|-----------|--------------------|-----------------------------|-----------------------|-----------------------|--------|--------|----------|--|--|
|                  |                   |                |  |                               |                     |          |          |           |                    |                             |                       | Sn (%)                | Zn (%) | Pb (%) | Ag (g/t) |  |  |
|                  |                   | PIZARRA        | (CONTINUACION)<br>GRIS A NEGRO. ESTRATIFICACION FINA CON MICA PEQUERA MEDIANAMENTE COMPACTO Y DURO |                               |                     |          |          |           |                    |                             |                       |                       |        |        |          |  |  |
| 410              |                   |                |  |                               |                     |          |          |           |                    |                             |                       |                       |        |        |          |  |  |
| 420              |                   |                |  |                               |                     |          |          |           |                    |                             |                       |                       |        |        |          |  |  |
| 421.70<br>422.00 |                   |                | ZONA FRACTURADA BLANCA   |                               |                     |          |          |           |                    |                             |                       |                       |        |        |          |  |  |
| 430              |                   |                |  |                               |                     |          |          |           |                    |                             |                       |                       |        |        |          |  |  |
| 440              |                   |                |  |                               |                     |          |          |           |                    |                             |                       |                       |        |        |          |  |  |
| 450              |                   |                |  |                               |                     |          |          |           |                    |                             |                       |                       |        |        |          |  |  |
| 450.41           |                   |                |  | VENILLA: 97, 114, 101 DELGADO |                     |          |          |           | 0 - 19             | 450.41                      | 3                     | 0.16                  | 0.57   | 0.044  | 35.0     |  |  |
| 460              |                   |                |  |                               |                     |          |          |           |                    |                             |                       |                       |        |        |          |  |  |
| 470              |                   |                |  |                               |                     |          |          |           |                    |                             |                       |                       |        |        |          |  |  |
| 480              |                   |                |  |                               |                     |          |          |           |                    |                             |                       |                       |        |        |          |  |  |
| 490              |                   |                |  |                               |                     |          |          |           |                    |                             |                       |                       |        |        |          |  |  |
| 498.00           |                   |                | 498.00 ~ 506.75  | CLORITIZACION PIZARRA VERDE   |                     |          |          |           | 5 - 3              | 496.46                      |                       |                       |        |        |          |  |  |
| 500              |                   |                |  |                               |                     |          |          |           |                    |                             |                       |                       |        |        |          |  |  |

| PROFUNDIDAD (m) | COLUMNA GEOLOGICA | NOMBRE DE ROCA                | DESCRIPCION   | VETA | ALTERACION SILICIFI. | BLANQUEA | PIRITIZA | CLORITIZA | NUMERO DE MUESTRAS | PROFUNDIDAD DE MUESTREO (m) | LARGO DE MUESTRA (cm) | RESULTADO DE ANALISIS |        |        |          |          |  |  |
|-----------------|-------------------|-------------------------------|---|------|----------------------|----------|----------|-----------|--------------------|-----------------------------|-----------------------|-----------------------|--------|--------|----------|----------|--|--|
|                 |                   |                               |   |      |                      |          |          |           |                    |                             |                       | Sn (%)                | Zn (%) | Pb (%) | Ag (g/t) | An (g/t) |  |  |
| 3.80            |                   | ARENISCA FINA                 | GRIS BLANQUECINO, FRAGMENTADO, OXIDACION  |      |                      |          |          |           |                    |                             |                       |                       |        |        |          |          |  |  |
| 10              |                   | ARENISCA FINA                 | GRIS BLANQUECINO, DURO, GRANO FINO, LIMONITIZADA CON MUCHA FISURA<br>TESTIGO FRACTURADO |      |                      |          |          |           |                    |                             |                       |                       |        |        |          |          |  |  |
| 26.40           |                   | PIZARRA                       | GRIS A NEGRO, MEDIANAMENTE COMPACTO Y DURO  |      |                      |          |          |           |                    |                             |                       |                       |        |        |          |          |  |  |
| 44.65           |                   | PIZARRA FRACTURADA            | ZONA FRACTURADA, TESTIGO SE SACA EN FRAGMENTOS  |      |                      |          |          |           |                    |                             |                       |                       |        |        |          |          |  |  |
| 52.30           |                   | PIZARRA                       | ALTERACION ARCILLOSA, GRIS A NEGRO BLANDA   |      |                      |          |          |           |                    |                             |                       |                       |        |        |          |          |  |  |
| 59.50           |                   | PIZARRA                       | GRIS BLANQUECINO, MEDIANAMENTE COMPACTO Y DURO<br>FRACTURADO EN ALGUNOS SECTORES        |      |                      |          |          |           |                    |                             |                       |                       |        |        |          |          |  |  |
| 76.05           |                   | PIZARRA<br>6°                 | GRIS A NEGRO DURO, COMPACTO, ESTRATIFICACION FINA CON MICA                              |      |                      |          |          |           |                    |                             |                       |                       |        |        |          |          |  |  |
| 89.50           |                   | PIZARRA BRECHADA Y FRACTURADA | GRIS A NEGRO, MEDIANAMENTE COMPACTO CON BRECHA<br>DE L'ITTA NEGRA, ZONA FALLADA         |      |                      |          |          |           |                    |                             |                       |                       |        |        |          |          |  |  |

| PROFUNDIDAD (m) | COLUMNA GEOLOGICA | NOMBRE DE ROCA   | DESCRIPCION   | VETA | ALTERACION ARCILLOSA | SILICIFI. | BLANQUEA. | PIRITIZA. | CLORITIZA. | NUMERO DE MUESTRAS | PROFUNDIDAD DE MUESTREO (cm) | LARGO DE MUESTRA (cm) | RESULTADO DE ANALISIS |        |        |          |  |
|-----------------|-------------------|------------------|---|------|----------------------|-----------|-----------|-----------|------------|--------------------|------------------------------|-----------------------|-----------------------|--------|--------|----------|--|
|                 |                   |                  |   |      |                      |           |           |           |            |                    |                              |                       | Sn (%)                | Zn (%) | Pb (%) | Ag (g/l) |  |
|                 |                   |                  | (CONTINUACION)  |      |                      |           |           |           |            | 5 - 6              | 101.60                       |                       |                       |        |        |          |  |
| 107.80          |                   | PIZARRA 26°      | GRIS A NEGRO, DURO Y MEDIANAMENTE COMPACTO, FRAGMENTACION SEGUN PLANOS DE ESTRATIFICACION                     |      |                      |           |           |           |            |                    |                              |                       |                       |        |        |          |  |
| 110             |                   |                  |   |      |                      |           |           |           |            |                    |                              |                       |                       |        |        |          |  |
| 116.20          |                   | ZONA FRACTURADA  | ZONA BASTANTE FRACTURADA  |      |                      |           |           |           |            |                    |                              |                       |                       |        |        |          |  |
| 118.60          |                   | PIZARRA          | TESTIGOS SACADOS EN FORMA DE FRAGMENTOS   |      |                      |           |           |           |            |                    |                              |                       |                       |        |        |          |  |
| 120             |                   |                  |   |      |                      |           |           |           |            |                    |                              |                       |                       |        |        |          |  |
| 130             |                   |                  |   |      |                      |           |           |           |            |                    |                              |                       |                       |        |        |          |  |
| 138.15          |                   | ZONA FRACTURADA  | ZONA FRACTURADA   |      |                      |           |           |           |            |                    |                              |                       |                       |        |        |          |  |
| 140             |                   | PIZARRA          | GRIS, MEDIANAMENTE DURO Y COMPACTO ESTRATIFICACION FINA   |      |                      |           |           |           |            |                    |                              |                       |                       |        |        |          |  |
| 141.46          |                   |                  |   |      |                      |           |           |           |            |                    |                              |                       |                       |        |        |          |  |
| 150             |                   |                  |   |      |                      |           |           |           |            |                    |                              |                       |                       |        |        |          |  |
| 160             |                   |                  |   |      |                      |           |           |           |            |                    |                              |                       |                       |        |        |          |  |
| 162.19          |                   | PIZARRA BRECHADA | ZONA BASTANTE FRACTURADA, EXISTE BRECHAS DE FALLA BLANDA, ALTERACION ARCILLOSA FUERTE                         |      |                      |           |           |           |            |                    |                              |                       |                       |        |        |          |  |
| 166.60          |                   | PIZARRA 20°      | NEGRO A GRIS MEDIANAMENTE COMPACTO Y DURO, ESTRATIFICACION FINA FRAGMENTACION SEGUN PLANOS DE ESTRATIFICACION |      |                      |           |           |           |            |                    |                              |                       |                       |        |        |          |  |
| 170             |                   |                  |   |      |                      |           |           |           |            |                    |                              |                       |                       |        |        |          |  |
| 180             |                   |                  |   |      |                      |           |           |           |            |                    |                              |                       |                       |        |        |          |  |
| 190             |                   |                  |   |      |                      |           |           |           |            |                    |                              |                       |                       |        |        |          |  |
| 200             |                   |                  |   |      |                      |           |           |           |            |                    |                              |                       |                       |        |        |          |  |



| PROFUNDIDAD<br>(m) | COLUMNA<br>GEOLOGICA | NOMBRE<br>DE ROCA | DESCRIPCION  | VETA  | ALTERACION<br>ARCILLOSA<br>SILICIF. | BLANQUEO | PIRITIZA | CLORITIZA | NUMERO<br>DE<br>MUESTRAS            | PROFUNDIDAD<br>DE<br>MUESTREO<br>(m) | LARGO DE<br>MUESTRA<br>(cm) | RESULTADO DE ANALISIS          |           |           |             |  |  |  |
|--------------------|----------------------|-------------------|--|---|-------------------------------------|----------|----------|-----------|-------------------------------------|--------------------------------------|-----------------------------|--------------------------------|-----------|-----------|-------------|--|--|--|
|                    |                      |                   |  |   |                                     |          |          |           |                                     |                                      |                             | Sn<br>(%)                      | Zn<br>(%) | Pb<br>(%) | Ag<br>(g/t) |  |  |  |
|                    |                      |                   | (CONTINUACION)   |   |                                     |          |          |           |                                     |                                      |                             |                                |           |           |             |  |  |  |
| 210                |                      |                   |  |   |                                     |          |          |           |                                     |                                      |                             |                                |           |           |             |  |  |  |
| 218.75<br>220      |                      |                   |  | VETA: ald >> py >> mol ><br>gn tea bd.<br>La parte de arriba es al-<br>darita |                                     |          |          |           | 0 - 36<br>0 - 37<br>Sp - 9<br>P - 9 | 218.75<br>219.05<br>219.05<br>219.05 | 30<br>17                    | 0.11<br>5.53<br>0.800<br>110.0 |           |           |             |  |  |  |
| 230                |                      |                   | ZONA FRACTURADA, ALTERACION ARCILLOSA FUERTE, BLANDA, GRIS A NEGRO |   |                                     |          |          |           |                                     |                                      |                             |                                |           |           |             |  |  |  |
| 240<br>240.40      |                      | PIZARRA           | GRIS A NEGRO, MEDIANAMENTE COMPACTO Y DURO, ESTRATIFICACION FINA   |   |                                     |          |          |           |                                     |                                      |                             |                                |           |           |             |  |  |  |
| 250                |                      |                   |  |   |                                     |          |          |           |                                     |                                      |                             |                                |           |           |             |  |  |  |
| 260                |                      |                   |  |   |                                     |          |          |           |                                     |                                      |                             |                                |           |           |             |  |  |  |
| 270                |                      |                   |  |   |                                     |          |          |           |                                     |                                      |                             |                                |           |           |             |  |  |  |
| 280                |                      |                   |  |   |                                     |          |          |           |                                     |                                      |                             |                                |           |           |             |  |  |  |
| 290<br>292.55      |                      |                   | ZONA FRACTURADA Y ALTERACION ARCILLOSA MUY BLANDA                  |   |                                     |          |          |           |                                     |                                      |                             |                                |           |           |             |  |  |  |
| 295.63<br>300      |                      | PIZARRA           | GRIS A NEGRO, MEDIANAMENTE COMPACTO Y DURO, ESTRATIFICACION FINA   |   |                                     |          |          |           |                                     |                                      |                             |                                |           |           |             |  |  |  |

| PROFUNDIDAD (m)  | COLUMNA GEOLOGICA | NOMBRE DE ROCA  | DESCRIPCION                                      | VETA | ALTER ARCILOSA | SILICIF. | BLANQUEO | PIRITIZA. | CLORITIZA. | NUMERO DE MUESTRAS | PROFUNDIDAD DE MUESTREO (m) | LARGO DE MUESTRA (cm) | RESULTADO DE ANALISIS |        |        |          |  |  |  |
|------------------|-------------------|-----------------|--|------|----------------|----------|----------|-----------|------------|--------------------|-----------------------------|-----------------------|-----------------------|--------|--------|----------|--|--|--|
|                  |                   |                 |  |      |                |          |          |           |            |                    |                             |                       | Sn (%)                | Zn (%) | Pb (%) | Ag (g/k) |  |  |  |
|                  |                   | PIZARRA         | (CONTINUACION)                                   |      |                |          |          |           |            |                    |                             |                       |                       |        |        |          |  |  |  |
| 310              |                   |                 |  |      |                |          |          |           |            |                    |                             |                       |                       |        |        |          |  |  |  |
| 320              |                   |                 |  |      |                |          |          |           |            |                    |                             |                       |                       |        |        |          |  |  |  |
| 330              |                   |                 |  |      |                |          |          |           |            |                    |                             |                       |                       |        |        |          |  |  |  |
| 340              |                   | PIZARRA         | GRIS A NEGRO COMPACTO, MEDIANAMENTE DURO         |      |                |          |          |           |            |                    |                             |                       |                       |        |        |          |  |  |  |
| 350              |                   |                 |  |      |                |          |          |           |            |                    |                             |                       |                       |        |        |          |  |  |  |
| 360              |                   |                 |  |      |                |          |          |           |            |                    |                             |                       |                       |        |        |          |  |  |  |
| 370              |                   |                 |  |      |                |          |          |           |            |                    |                             |                       |                       |        |        |          |  |  |  |
| 380              |                   |                 |  |      |                |          |          |           |            |                    |                             |                       |                       |        |        |          |  |  |  |
| 386.75<br>387.92 |                   | ZONA FRACTURADA | BLANDA, ALTERACION ARCILLOSA                     |      |                |          |          |           |            |                    |                             |                       |                       |        |        |          |  |  |  |
| 390              |                   |                 |  |      |                |          |          |           |            |                    |                             |                       |                       |        |        |          |  |  |  |
| 396.38<br>400    |                   |                 | ALTERACION ARCILLOSA BLANDA, POCO BLANQUEAMIENTO |      |                |          |          |           |            |                    |                             |                       |                       |        |        |          |  |  |  |

| PROFUNDIDAD (m) | COLUMNA GEOLOGICA | NOMBRE DE ROCA | DESCRIPCION  | VETA | ALTERACION SILICIFI. | BLANQUEA. | PIRITIZA. | CLORITIZA. | NUMERO DE MUESTRAS | PROFUNDIDAD DE MUESTREO (m) | LARGO DE MUESTRA (cm) | RESULTADO DE ANALISIS |        |        |          |  |  |  |
|-----------------|-------------------|----------------|--|------|----------------------|-----------|-----------|------------|--------------------|-----------------------------|-----------------------|-----------------------|--------|--------|----------|--|--|--|
|                 |                   |                |  |      |                      |           |           |            |                    |                             |                       | Sn (%)                | Zn (%) | Pb (%) | Ag (g/t) |  |  |  |
|                 |                   |                | HASTA 419' 00" ALTERACION ARCILLOSA MUY BLANCA, COLOR GRIS   |      |                      |           |           |            |                    |                             |                       |                       |        |        |          |  |  |  |
| 410             |                   |                |  |      |                      |           |           |            |                    |                             |                       |                       |        |        |          |  |  |  |
| 417.00          |                   | PIZARRA        | NEGRO, COMPACTO, DURO ESTRATIFICACION NO SE OBSERVA MUY BIEN |      |                      |           |           |            |                    |                             |                       |                       |        |        |          |  |  |  |
| 420             |                   |                |  |      |                      |           |           |            |                    |                             |                       |                       |        |        |          |  |  |  |
| 430             |                   |                |  |      |                      |           |           |            |                    |                             |                       |                       |        |        |          |  |  |  |
| 440             |                   |                |  |      |                      |           |           |            |                    |                             |                       |                       |        |        |          |  |  |  |
| 450             |                   |                |  |      |                      |           |           |            |                    |                             |                       |                       |        |        |          |  |  |  |
| 460             |                   |                |  |      |                      |           |           |            |                    |                             |                       |                       |        |        |          |  |  |  |
| 470             |                   |                |  |      |                      |           |           |            |                    |                             |                       |                       |        |        |          |  |  |  |
| 480             |                   |                |  |      |                      |           |           |            |                    |                             |                       |                       |        |        |          |  |  |  |
| 490             |                   |                |  |      |                      |           |           |            |                    |                             |                       |                       |        |        |          |  |  |  |
| 500             |                   |                |  |      |                      |           |           |            |                    |                             |                       |                       |        |        |          |  |  |  |

| PROFUNDIDAD (m) | COLUMNA GEOLOGICA | NOMBRE DE ROCA  | DESCRIPCION   | VETA   | ALTERACION SILICIF. | BLANQUEO | PIRITIZA | CLORITIZA | NUMERO DE MUESTRAS | PROFUNDIDAD DE MUESTRO (m) | LARGO DE MUESTRA (cm) | RESULTADO DE ANALISIS |        |        |          |
|-----------------|-------------------|-----------------|---|--|---------------------|----------|----------|-----------|--------------------|----------------------------|-----------------------|-----------------------|--------|--------|----------|
|                 |                   |                 |   |  |                     |          |          |           |                    |                            |                       | Sn (%)                | Zn (%) | Pb (%) | Ag (g/t) |
| 1.70            |                   | PIZARRA         | GRIS A NEGRO COMPACTO DURO CON INTERCALACION FINA DE ARENISCA   | VENILLA: py>>                                      |                     |          |          |           |                    |                            | 3                     |                       |        |        |          |
| 16.00           |                   |                 |   |  |                     |          |          |           |                    |                            | 2                     |                       |        |        |          |
| 16.60           |                   |                 |   | VENILLA: sid>> mal> py<br>VENILLA: sid>> mal> py   |                     |          |          |           |                    |                            | 2                     |                       |        |        |          |
| 20.45           |                   |                 |   | VENILLA: py>> mal> sid<br>tox. mas                 |                     |          |          |           |                    |                            | 6                     |                       |        |        |          |
| 21.75           |                   |                 |   | VENILLA: py>> mal> sid<br>tox. mas                 |                     |          |          |           |                    |                            | 5                     |                       |        |        |          |
| 23.20           |                   | ZONA FRACTURADA |   |  |                     |          |          |           |                    |                            |                       |                       |        |        |          |
| 27.00           |                   | PIZARRA         | PIZARRA GRIS A NEGRO PARCIALMENTE INTERCALADA CON ARENISCA COLOR BLANQUECINO GRANO FINO COMPACTO DURO |  |                     |          |          |           |                    |                            |                       |                       |        |        |          |
| 31.50           |                   |                 |   | VENILLA: py>> sid> mal<br>tox. mas                 |                     |          |          |           |                    |                            | 1-2                   |                       |        |        |          |
| 40.35           |                   |                 |   | VENILLA: py>> sid> mal<br>tox. mas                 |                     |          |          |           |                    |                            | 1                     |                       |        |        |          |
| 42.40           |                   |                 |   | VENILLA: mal>><br>tox. mas                         |                     |          |          |           |                    |                            | 1                     |                       |        |        |          |
| 50              |                   | ARENISCA        | ARENISCA GRIS BLANQUECINO DE GRANO FINO COMPACTO DURO   |  |                     |          |          |           |                    |                            |                       |                       |        |        |          |
| 55.50           |                   | PIZARRA         | PIZARRA GRIS A NEGRO COMPACTO DURO  |  |                     |          |          |           |                    |                            |                       |                       |        |        |          |
| 72.40           |                   |                 |   | VETA: py>> mal> sid<br>tox. mas. mal<br>diseminado |                     |          |          |           | 0-79<br>S-10       | 72.40                      | 10                    | 1.82                  | 9.69   | 0.18   | 40.2     |
| 86.10           |                   |                 |   | VETA: py>> mal> py> mal<br>diseminado<br>tox. mas  |                     |          |          |           |                    |                            | 20                    |                       |        |        |          |

| PROFUNDIDAD (m) | COLUMNA GEOLOGICA | NOMBRE DE ROCA | DESCRIPCION   | VETA                                   | ALTERACIONES<br>SILICIFI<br>BLANQUEA.<br>PIRITIZA.<br>CLORITIZA. | NUMERO DE MUESTRAS | PROFUNDIDAD DE MUESTREO (m) | LARGO DE MUESTRA (cm) | RESULTADO DE ANALISIS |        |        |          |        |
|-----------------|-------------------|----------------|---|--|--|--------------------|-----------------------------|-----------------------|-----------------------|--------|--------|----------|--------|
|                 |                   |                |   |  |  |                    |                             |                       | Sn (%)                | Zn (%) | Pb (%) | Ag (g/t) | W      |
| 100.67          |                   |                |   | VETA: mol>>po>py<br>qt>sid<br>Tex. msv |  | 0-80               | 100.67                      | 100                   | 0.83                  | 26.52  | 0.044  | 44.0     | W=1.78 |
| 102.45          |                   |                |   | VENILLAS: mol>po>py>sid<br>Tex. brc    |  | 0-81               | 101.67                      | 78                    | 0.33                  | 10.71  | 0.060  | 153.5    |        |
| 104.25          |                   | PIZARRA        | PIZARRA GRIS A NEGRO COMPACTO                       |  |  |                    |                             |                       |                       |        |        |          |        |
| 106.70          |                   |                |   | VENILLAS: mol>py>po<br>Tex. brc        |  | 0-82               | 107.45                      | 75                    | 0.41                  | 34.08  | 0.055  | 48.1     |        |
| 107.45          |                   |                |   | VETA: mol>po>py>sid<br>Tex. msv        |  | 0-83               | 108.45                      | 100                   | 0.49                  | 16.32  | 0.12   | 131.9    |        |
| 110             |                   |                |   |  |  | 0-84               | 109.45                      | 100                   | 0.25                  | 17.44  | 0.096  | 96.0     | W=5.25 |
| 112.70          |                   |                |   |  |  | 0-85               | 110.45                      | 100                   | 0.16                  | 22.83  | 0.13   | 68.1     |        |
| 113.12          |                   |                |   |  |  | 0-86               | 111.45                      | 125                   | 0.99                  | 22.05  | 0.11   | 91.8     |        |
| 113.32          |                   | PIZARRA        |   | VETA: po>>mol>py>sid<br>qt<br>Tex. msv |  |                    |                             | 20                    |                       |        |        |          |        |
| 119             |                   |                | PIZARRA GRIS A NEGRO COMPACTO, DURO CON VENILLAS DE |  |  |                    |                             |                       |                       |        |        |          |        |
| 119.20          |                   |                | py>sid>mol>po                                       |  |  | 0-122              | 319.20                      | 140                   | 0.83                  | 4.54   | 0.20   | 80.4     |        |
| 120             |                   |                |   |  |  |                    |                             |                       |                       |        |        |          |        |
| 120.60          |                   |                |   |  |  |                    |                             |                       |                       |        |        |          |        |
| 123.60          |                   |                |   | VETA: mol>>py>po<br>qt>sid<br>Tex. msv |  | 0-123              | 123.60                      | 55                    | 0.66                  | 13.31  | 0.19   | 95.8     |        |
| 124.15          |                   |                |   |  |  |                    |                             |                       |                       |        |        |          |        |
| 125.00          |                   |                |   | VENILLA: mol>py>po<br>Tex. msv         |  |                    |                             | 3                     |                       |        |        |          |        |
| 130             |                   |                |   |  |  |                    |                             |                       |                       |        |        |          |        |
| 134.50          |                   |                |   | VETA: sid>mol>py>po<br>Tex. msv        |  |                    |                             | 20                    |                       |        |        |          |        |
| 134.50          |                   |                |   |  |  |                    |                             |                       |                       |        |        |          |        |
| 135.00          |                   | PIZARRA        | PIZARRA GRIS A NEGRO FRACTURADA BLANDA              | VETA: py>mol>po>sid<br>Tex. msv        |  |                    |                             | 50                    |                       |        |        |          |        |
| 140             |                   |                |   |  |  |                    |                             |                       |                       |        |        |          |        |
| 150             |                   |                |   |  |  |                    |                             |                       |                       |        |        |          |        |
| 150.65          |                   |                |   |  |  |                    |                             |                       |                       |        |        |          |        |
| 160             |                   |                |   |  |  |                    |                             |                       |                       |        |        |          |        |
| 170             |                   |                |   |  |  |                    |                             |                       |                       |        |        |          |        |
| 180             |                   |                |   |  |  |                    |                             |                       |                       |        |        |          |        |
| 190             |                   |                |   |  |  |                    |                             |                       |                       |        |        |          |        |
| 200             |                   |                |   |  |  |                    |                             |                       |                       |        |        |          |        |

| PROFUNDIDAD (m) | COLUMNA GEOLOGICA | NOMBRE DE ROCA  | DESCRIPCION  | VETA   | ALTERACION | SILICIFI | BLANQUEA | PIRITIZA | CLORITIZA | NUMERO DE MUESTRAS | PROFUNDIDAD DE MUESTREO (m) | LARGO DE MUESTRA (cm) | RESULTADO DE ANALISIS |        |        |          |  |  |
|-----------------|-------------------|-----------------|--|--|------------|----------|----------|----------|-----------|--------------------|-----------------------------|-----------------------|-----------------------|--------|--------|----------|--|--|
|                 |                   |                 |  |  |            |          |          |          |           |                    |                             |                       | Sn (%)                | Zn (%) | Pb (%) | Ag (g/t) |  |  |
| 0 - 21.33       |                   | PIZARRA         | GRIS A NEGRO COMPACTO DURO   |  |            |          |          |          |           |                    |                             |                       |                       |        |        |          |  |  |
| 21.33 - 30.50   |                   | ZONA FRACTURADA | ZONA FRACTURADA. TESTIGOS SE SACAN COMO FRAGMENTOS EN SECTORES ACOMPAÑADOS DE ALTERACION ARCILLOSA, BLANDA |  |            |          |          |          |           |                    |                             |                       |                       |        |        |          |  |  |
| 30.50 - 39.63   |                   | PIZARRA         | GRIS A NEGRO, COMPACTO, DURO SE OBSERVA MUCHAS FISURAS SACANDO TESTIGOS COMO FRAGMENTOS                    |  |            |          |          |          |           |                    |                             |                       |                       |        |        |          |  |  |
| 39.63 - 45.63   |                   | ZONA FRACTURADA | GRIS A NEGRO, BLANDA, ARCILLOSA  |  |            |          |          |          |           |                    |                             |                       |                       |        |        |          |  |  |
| 45.63 - 46.25   |                   | PIZARRA         |  |  |            |          |          |          |           |                    |                             |                       |                       |        |        |          |  |  |
| 46.25 - 47.25   |                   | ZONA FRACTURADA |  |  |            |          |          |          |           |                    |                             |                       |                       |        |        |          |  |  |
| 47.25 - 50      |                   | PIZARRA         | GRIS A NEGRO, DURO, COMPACTO SE OBSERVA MUCHAS FISURAS SACANDO TESTIGOS COMO FRAGMENTOS                    |  |            |          |          |          |           |                    |                             |                       |                       |        |        |          |  |  |
| 50 - 73.82      |                   |                 |  |  |            |          |          |          |           |                    |                             |                       |                       |        |        |          |  |  |
| 73.82           |                   |                 |  | Veta: py > mol > sid<br>Buena mineralización |            |          |          |          |           | q - 59             | 73.82                       | 30                    | 0.16                  | 10.13  | 0.15   | 96.0     |  |  |
| 73.82 - 75.25   |                   |                 |  |  |            |          |          |          |           |                    |                             |                       |                       |        |        |          |  |  |
| 75.25           |                   |                 |  | Veta: py >> mol > qz > sid                   |            |          |          |          |           | 0 - 60             | 75.25                       | 50                    | 0.20                  | 5.66   | 0.25   | 97.5     |  |  |
| 75.25 - 77.11   |                   |                 |  | Veta: py > mol > sid > qz                    |            |          |          |          |           | 0 - 61             | 77.11                       | 35                    | 0.16                  | 4.37   | 0.14   | 52.1     |  |  |
| 77.11 - 80      |                   |                 |  |  |            |          |          |          |           |                    |                             |                       |                       |        |        |          |  |  |
| 80 - 90         |                   |                 |  |  |            |          |          |          |           |                    |                             |                       |                       |        |        |          |  |  |
| 90 - 100        |                   |                 |  |  |            |          |          |          |           |                    |                             |                       |                       |        |        |          |  |  |

| PROFUNDIDAD<br>m | COLUMNA<br>GEOLOGICA | NOMBRE<br>DE ROCA  | DESCRIPCION   | VETA | ALTERACION<br>SILICIF. | BLANQUEA<br>PIRITIZA. | CLOBRIZA. | NUMERO<br>DE<br>MUESTRAS | PROFUNDIDAD<br>DE<br>MUESTRO<br>m | LARGO DE<br>MUESTRA<br>cm | RESULTADO DE ANALISIS |           |           |             |  |  |  |  |  |
|------------------|----------------------|--------------------|---|------|------------------------|-----------------------|-----------|--------------------------|-----------------------------------|---------------------------|-----------------------|-----------|-----------|-------------|--|--|--|--|--|
|                  |                      |                    |   |      |                        |                       |           |                          |                                   |                           | Sn<br>(%)             | Zn<br>(%) | Pb<br>(%) | Ag<br>(g/l) |  |  |  |  |  |
|                  |                      |                    | (CONTINUACION)  |      |                        |                       |           |                          |                                   |                           |                       |           |           |             |  |  |  |  |  |
| 110              |                      |                    |   |      |                        |                       |           |                          |                                   |                           |                       |           |           |             |  |  |  |  |  |
| 120              |                      |                    |   |      |                        |                       |           |                          |                                   |                           |                       |           |           |             |  |  |  |  |  |
| 130              |                      |                    |   |      |                        |                       |           |                          |                                   |                           |                       |           |           |             |  |  |  |  |  |
| 140              |                      |                    |   |      |                        |                       |           |                          |                                   |                           |                       |           |           |             |  |  |  |  |  |
| 140.30           |                      | ZONA<br>FRACTURADA | SE SACA TESTIGO COMO FRAGMENTO<br>ALTERACION ARCILLOSA MUY BLANDA |      |                        |                       |           |                          |                                   |                           |                       |           |           |             |  |  |  |  |  |
| 149.50           |                      | PIZARRA            | GRIS A NEGRO, DURO COMPACTO                                       |      |                        |                       |           |                          |                                   |                           |                       |           |           |             |  |  |  |  |  |
| 150              |                      |                    |   |      |                        |                       |           |                          |                                   |                           |                       |           |           |             |  |  |  |  |  |
| 152.50           |                      |                    |   |      |                        |                       |           |                          |                                   |                           |                       |           |           |             |  |  |  |  |  |

| PROFUNDIDAD (m) | COLUMNA GEOLOGICA | NOMBRE DE ROCA | DESCRIPCION  | VETA                                      | ALTERACION ARCILLA | SILICIFI. | BLANQUEA. | PIRITIZA. | CLORITIZA. | NUMERO DE MUESTRAS | PROFUNDIDAD DE MUESTREO | LARGO DE MUESTRA (cm) | RESULTADO DE ANALISIS |        |        |          |
|-----------------|-------------------|----------------|--|---|--------------------|-----------|-----------|-----------|------------|--------------------|-------------------------|-----------------------|-----------------------|--------|--------|----------|
|                 |                   |                |  |   |                    |           |           |           |            |                    |                         |                       | Sn (%)                | Zn (%) | Pb (%) | Ag (g/t) |
| 1.19            |                   | PIZARRA        | NEGRO, DURO, COMPACTO, ESTRATIFICACION FINA        | VEVA: sid. mol. mar. de tez. bd, COMPACTO |                    |           |           |           |            | 0 - 20             | 1.19                    | 11                    | 0.66                  | 11.36  | 0.42   | 47.0     |
| 10              |                   |                |  |   |                    |           |           |           |            |                    |                         |                       |                       |        |        |          |
| 15.25           |                   |                | ZONA FRACTURADA                                    |   |                    |           |           |           |            |                    |                         |                       |                       |        |        |          |
| 16.36           |                   |                |  |   |                    |           |           |           |            |                    |                         |                       |                       |        |        |          |
| 20              |                   |                |  |   |                    |           |           |           |            |                    |                         |                       |                       |        |        |          |
| 30              |                   |                |  |   |                    |           |           |           |            |                    |                         |                       |                       |        |        |          |
| 40              |                   |                |  |   |                    |           |           |           |            |                    |                         |                       |                       |        |        |          |
| 50              |                   |                |  |   |                    |           |           |           |            |                    |                         |                       |                       |        |        |          |
| 60              |                   |                |  |   |                    |           |           |           |            |                    |                         |                       |                       |        |        |          |
| 66.05           |                   |                | 66.05 ~ 68.05 ARGILIFICACION, BLANDA NEGRO, SUAVE  |   |                    |           |           |           |            |                    |                         |                       |                       |        |        |          |
| 70              |                   |                |  |   |                    |           |           |           |            |                    |                         |                       |                       |        |        |          |
| 80              |                   |                |  |   |                    |           |           |           |            |                    |                         |                       |                       |        |        |          |
| 90              |                   |                |  |   |                    |           |           |           |            |                    |                         |                       |                       |        |        |          |
| 91.63           |                   | ARENISCA       | GRIS BLANQUECINO, MUY FINO, COMPACTO               |   |                    |           |           |           |            |                    |                         |                       |                       |        |        |          |
| 92.43           |                   | PIZARRA        | GRIS A NEGRO, DURO, COMPACTO, ESTRATIFICACION FINA |   |                    |           |           |           |            |                    |                         |                       |                       |        |        |          |
| 100             |                   |                |  |   |                    |           |           |           |            |                    |                         |                       |                       |        |        |          |



| PROFUNDIDAD (m) | COLUMNA GEOLOGICA | NOMBRE DE ROCA | DESCRIPCION                                       | VETA  | ALTERACION SILICIFI. | BLANQUEO | PIRITIZA | CLORITIZA | NUMERO DE MUESTRAS | PROFUNDIDAD DE MUESTREO | LARGO DE MUESTRA (cm) | RESULTADO DE ANALISIS |        |        |          |  |  |  |  |
|-----------------|-------------------|----------------|---|---|----------------------|----------|----------|-----------|--------------------|-------------------------|-----------------------|-----------------------|--------|--------|----------|--|--|--|--|
|                 |                   |                |   |   |                      |          |          |           |                    |                         |                       | Sn (%)                | Zn (%) | Pb (%) | Ag (g/t) |  |  |  |  |
|                 |                   |                | (CONTINUACION)                                    |   |                      |          |          |           |                    |                         |                       |                       |        |        |          |  |  |  |  |
| 104.26          |                   | ARENISCA       | GRIS, BLANQUECINO DURO COMPACTO MASIVO            |   |                      |          |          |           |                    |                         |                       |                       |        |        |          |  |  |  |  |
| 104.84          |                   | PIZARRA        | NEGRO A GRIS, DURO, COMPACTO ESTRATIFICACION FINA |   |                      |          |          |           |                    |                         |                       |                       |        |        |          |  |  |  |  |
| 10              |                   |                |   |   |                      |          |          |           |                    |                         |                       |                       |        |        |          |  |  |  |  |
| 113.02          |                   |                |   | VETA: py, mar > mol > sid<br>DURO, COMPACTO<br>TEX. IRREGULAR |                      |          |          |           | 0-21<br>P-5        | 113.02<br>113.02        | 20                    | 0.15                  | 4.98   | 0.12   | 212.0    |  |  |  |  |
| 20              |                   |                |   |   |                      |          |          |           |                    |                         |                       |                       |        |        |          |  |  |  |  |
| 30              |                   |                |   |   |                      |          |          |           |                    |                         |                       |                       |        |        |          |  |  |  |  |
| 40              |                   |                |   |   |                      |          |          |           |                    |                         |                       |                       |        |        |          |  |  |  |  |
| 141.20          |                   |                |   | VETA: py > mol > qt<br>Tex. b.d. COMPACTO DURO                |                      |          |          |           | 0-22<br>P-6        | 141.20<br>141.20        | 16                    | 0.58                  | 13.26  | 0.048  | 80.0     |  |  |  |  |
| 142.80          |                   |                |   | VETA: py > mol > sid<br>Tex. MASIVO                           |                      |          |          |           | 0-23               | 142.80                  | 10                    | 6.30                  | 3.78   | 0.028  | 25.0     |  |  |  |  |
| 143.69          |                   |                |   | VENILLA py > sid  |                      |          |          |           |                    | 143.69                  | 5                     |                       |        |        |          |  |  |  |  |
| 146.07          |                   |                |   | VENILLA: Py, mol, sid.  |                      |          |          |           | 0-24               | 146.07                  | 4                     | 0.33                  | 6.08   | 0.13   | 52.0     |  |  |  |  |
| 50              |                   |                |   |   |                      |          |          |           |                    |                         |                       |                       |        |        |          |  |  |  |  |
| 157.00          |                   |                |   |   |                      |          |          |           |                    |                         |                       |                       |        |        |          |  |  |  |  |
| 60              |                   |                |   |   |                      |          |          |           |                    |                         |                       |                       |        |        |          |  |  |  |  |
| 70              |                   |                |   |   |                      |          |          |           |                    |                         |                       |                       |        |        |          |  |  |  |  |
| 80              |                   |                |   |   |                      |          |          |           |                    |                         |                       |                       |        |        |          |  |  |  |  |
| 90              |                   |                |   |   |                      |          |          |           |                    |                         |                       |                       |        |        |          |  |  |  |  |
| 100             |                   |                |   |   |                      |          |          |           |                    |                         |                       |                       |        |        |          |  |  |  |  |

| PROFUNDIDAD (m) | COLUMNA GEOLOGICA | NOMBRE DE ROCA | DESCRIPCION   | VETA  | ALTERACION SILICIF. | BLANQUEA | PIRITIZA | CLORITIZA | NUMERO DE MUESTRAS          | PROFUNDIDAD DE MUESTRO (m)   | LARGO DE MUESTRA (cm) | RESULTADO DE ANALISIS |        |        |          |  |  |  |
|-----------------|-------------------|----------------|---|---|---------------------|----------|----------|-----------|-----------------------------|------------------------------|-----------------------|-----------------------|--------|--------|----------|--|--|--|
|                 |                   |                |   |   |                     |          |          |           |                             |                              |                       | Sn (%)                | Zn (%) | Pb (%) | Ag (g/t) |  |  |  |
| 6.18            |                   | PIZARRA        | GRIS A NEGRO, COMPACTO, DURO  |   |                     |          |          |           |                             |                              |                       |                       |        |        |          |  |  |  |
| 7.25            |                   |                |   | Veta: mol > py > po<br>tox. Irregular<br>Veta: py > mol > ms<br>284<br>tox. Irregular |                     |          |          |           | Q-25<br>Q-26<br>P-7<br>Q-27 | 6.18<br>6.28<br>6.18<br>7.25 | 10<br>20              | 1.76                  | 15.1   | 0.280  | 27.3     |  |  |  |
| 10              |                   |                |   |   |                     |          |          |           |                             |                              |                       |                       |        |        |          |  |  |  |
| 20              |                   |                | ZONA FRACTURADA, SE SACA TESTIGO COMO FRAGMENTO, COMPACTO A BLANDA                            |   |                     |          |          |           |                             |                              |                       |                       |        |        |          |  |  |  |
| 4.70            |                   |                |   |   |                     |          |          |           |                             |                              |                       |                       |        |        |          |  |  |  |
| 30              |                   |                | ZONA FRACTURADA   |   |                     |          |          |           |                             |                              |                       |                       |        |        |          |  |  |  |
| 40              |                   |                | ZONA FRACTURADA   |   |                     |          |          |           |                             |                              |                       |                       |        |        |          |  |  |  |
| 48.10           |                   |                | NO SE PUEDE OBSERVAR BUZAMIENTO DE VETA   | VETA: py > mol > sid ><br>dura compacta<br>textura Irregular                          |                     |          |          |           | Q-28                        | 48.10                        | 22                    | 1.52                  | 6.95   | 0.18   | 75.0     |  |  |  |
| 49.65           |                   | PIZARRA        | GRIS OSCURO, MEDIANAMENTE COMPACTO MASIVO, ESTRATIFICACION NO MUY CLARA                       |   |                     |          |          |           |                             |                              |                       |                       |        |        |          |  |  |  |
| 50              |                   |                |   |   |                     |          |          |           |                             |                              |                       |                       |        |        |          |  |  |  |
| 53.56           |                   |                |   | Vanilla: py   |                     |          |          |           | Q-29                        | 53.56                        | 6                     | 0.16                  | 0.16   | 0.014  | 13.5     |  |  |  |
| 60              |                   |                | NO SE OBSERVA ESTRATIFICACION   |   |                     |          |          |           |                             |                              |                       |                       |        |        |          |  |  |  |
| 64.00           |                   |                | ZONA FRACTURADA<br>TESTIGO FRAGMENTADO, DURO, COMPACTO<br>ALGUNOS SECTORES CON ARCILLA BLANDA |   |                     |          |          |           |                             |                              |                       |                       |        |        |          |  |  |  |
| 68.20           |                   | PIZARRA        |   |   |                     |          |          |           |                             |                              |                       |                       |        |        |          |  |  |  |
| 70              |                   |                |   |   |                     |          |          |           |                             |                              |                       |                       |        |        |          |  |  |  |
| 79.30           |                   | ARENISCA       | GRIS BLANQUECINO, COMPACTO, DURO MASIVO   |   |                     |          |          |           | S-4                         | 73.20                        |                       |                       |        |        |          |  |  |  |
| 80              |                   | FINA           | GRANO FINO  |   |                     |          |          |           |                             |                              |                       |                       |        |        |          |  |  |  |
| 90              |                   |                |   |   |                     |          |          |           |                             |                              |                       |                       |        |        |          |  |  |  |
| 100             |                   |                |   |   |                     |          |          |           |                             |                              |                       |                       |        |        |          |  |  |  |

| PROFUNDIDAD (m) | COLUMANA GEOLOGICA | NOMBRE DE ROCA | DESCRIPCION  | VETA  | ALTERACION SILICIFI. | BLANQUEA. | PIRITIZA. | CLORITIZA. | NUMERO DE MUESTRAS | PROFUNDIDAD DE MUESTRO (m) | LARGO DE MUESTRA (cm) | RESULTADO DE ANALISIS |        |        |          |  |  |
|-----------------|--------------------|----------------|--|---|----------------------|-----------|-----------|------------|--------------------|----------------------------|-----------------------|-----------------------|--------|--------|----------|--|--|
|                 |                    |                |  |   |                      |           |           |            |                    |                            |                       | Sn (%)                | Zn (%) | Pb (%) | Ag (g/t) |  |  |
|                 |                    | ARENISCA       | (CONTINUACION)   |   |                      |           |           |            |                    |                            |                       |                       |        |        |          |  |  |
| 105.88          |                    |                |  | Vanilla: py > mat > sid<br>tex. hd duro compacto                        |                      |           |           |            | 0 - 30             | 105.88                     | 12                    | 0.32                  | 11.12  | 0.036  | 44.5     |  |  |
| 108.25          |                    | PIZARRA        | GRIS A NEGRO, DURO COMPACTO, NO SE OBSERVA ESTRATIFICACION | Vanilla: py > mat > sid<br>Veta: py > mat > sid<br>tex irregular masivo |                      |           |           |            |                    | 108.35                     | 4                     |                       |        |        |          |  |  |
| 109.20          |                    |                |  |   |                      |           |           |            | 0 - 31             | 109.20                     | 20                    | 6.51                  | 4.46   | 0.014  | 45.6     |  |  |
|                 |                    |                |  |   |                      |           |           |            | 0 - 32             | 109.40                     | 30                    |                       |        |        |          |  |  |
|                 |                    |                |  |   |                      |           |           |            | P - 8              | 109.40                     |                       |                       |        |        |          |  |  |
|                 |                    |                |  |   |                      |           |           |            | S - 5              | 119.90                     |                       |                       |        |        |          |  |  |
| 120             |                    |                |  |   |                      |           |           |            |                    |                            |                       |                       |        |        |          |  |  |
| 130             |                    |                |  |   |                      |           |           |            |                    |                            |                       |                       |        |        |          |  |  |
| 140             |                    |                |  |   |                      |           |           |            |                    |                            |                       |                       |        |        |          |  |  |
| 141.37          |                    |                |  | Vanilla: py > mat   |                      |           |           |            |                    | 141.32                     | 5                     |                       |        |        |          |  |  |
| 143.44          |                    |                |  | Veta: py > po > mat<br>msv  |                      |           |           |            | 0 - 33             | 143.44                     | 40                    | 0.32                  | 12.91  | 0.040  | 52.3     |  |  |
| 148.05          |                    |                |  | Veta: mat > py > po > ma  |                      |           |           |            | 0 - 34             | 148.05                     | 40                    | 0.20                  | 14.63  | 0.279  | 60.6     |  |  |
| 150             |                    |                | ZONA FRACTURADA, PIZARRA NEGRA MUY BLANDA.                 | tex hd<br>buena mineralizacion  |                      |           |           |            | 0 - 35             | 148.45                     | 40                    |                       |        |        |          |  |  |
| 152.00          |                    |                | NO SE OBSERVA ESTRATIFICACION                              |   |                      |           |           |            | Sp - 8             | 148.05                     |                       |                       |        |        |          |  |  |
| 160             |                    |                |  |   |                      |           |           |            |                    |                            |                       |                       |        |        |          |  |  |
| 170             |                    |                |  |   |                      |           |           |            |                    |                            |                       |                       |        |        |          |  |  |
| 180             |                    |                |  |   |                      |           |           |            |                    |                            |                       |                       |        |        |          |  |  |
| 190             |                    |                |  |   |                      |           |           |            |                    |                            |                       |                       |        |        |          |  |  |
| 200             |                    |                |  |   |                      |           |           |            |                    |                            |                       |                       |        |        |          |  |  |

| PROFUNDIDAD (m) | COLUMNA GEOLOGICA | NOMBRE DE ROCA      | DESCRIPCION  | VETA | ALTER ARCILLA | SILICIFI | BLANQUEA | PIRITIZA | CLORITIZA | NUMERO DE MUESTRAS | PROFUNDIDAD DE MUESTRO (m) | LARGO DE MUESTRA (cm) | RESULTADO DE ANALISIS |        |        |          |  |  |  |
|-----------------|-------------------|---------------------|--|------|---------------|----------|----------|----------|-----------|--------------------|----------------------------|-----------------------|-----------------------|--------|--------|----------|--|--|--|
|                 |                   |                     |  |      |               |          |          |          |           |                    |                            |                       | Sn (%)                | Zn (%) | Pb (%) | Ag (g/l) |  |  |  |
|                 |                   | PIZARRA             | PIZARRA GRIS A AMARILLO MEDIANAMENTE COMPACTO  |      |               |          |          |          |           |                    |                            |                       |                       |        |        |          |  |  |  |
| 6               |                   | PIZARRA             | PIZARRA GRIS A NEGRO INTEMPERIZADA   |      |               |          |          |          |           |                    |                            |                       |                       |        |        |          |  |  |  |
| 10              |                   |                     |  |      |               |          |          |          |           |                    |                            |                       |                       |        |        |          |  |  |  |
| 113.30          |                   | PIZARRA FRAC-TURADA | PIZARRA GRIS BLANQUECINO A AMARILLO MEDIANAMENTE COMPACTO BLANDA ALTERACION ARCILLOSA MUY FUERTE |      |               |          |          |          |           |                    |                            |                       |                       |        |        |          |  |  |  |
| 20              |                   |                     |  |      |               |          |          |          |           |                    |                            |                       |                       |        |        |          |  |  |  |
| 21.80           |                   |                     | ARENISCA BLANDA DE GRANO FINO COMPACTO DURO MEDIANAMENTE SILIFICADO                              |      |               |          |          |          |           |                    |                            |                       |                       |        |        |          |  |  |  |
| 25.55           |                   | PIZARRA             | PIZARRA GRIS BLANQUECINO ALTERACION ARCILLOSA GRADUALMENTE FUERTE A MEDIA, MEDIANAMENTE COMPACTO |      |               |          |          |          |           |                    |                            |                       |                       |        |        |          |  |  |  |
| 30              |                   |                     |  |      |               |          |          |          |           |                    |                            |                       |                       |        |        |          |  |  |  |
| 31.50           |                   | PIZARRA             | PIZARRA GRIS NEGRO DE GRANO FINO COMPACTO  |      |               |          |          |          |           |                    |                            |                       |                       |        |        |          |  |  |  |
| 40              |                   |                     |  |      |               |          |          |          |           |                    |                            |                       |                       |        |        |          |  |  |  |
| 50              |                   |                     |  |      |               |          |          |          |           |                    |                            |                       |                       |        |        |          |  |  |  |
|                 |                   |                     |  |      |               |          |          |          |           |                    |                            |                       |                       |        |        |          |  |  |  |
| 60              |                   |                     |  |      |               |          |          |          |           |                    |                            |                       |                       |        |        |          |  |  |  |
|                 |                   |                     |  |      |               |          |          |          |           |                    |                            |                       |                       |        |        |          |  |  |  |
| 84.50           |                   |                     |  |      |               |          |          |          |           |                    |                            |                       |                       |        |        |          |  |  |  |
| 87.80           |                   | ARENISCA            | ARENISCA GRIS BLANQUECINO DE GRANO FINO COMPACTO DURO  |      |               |          |          |          |           |                    |                            |                       |                       |        |        |          |  |  |  |
| 90              |                   |                     |  |      |               |          |          |          |           |                    |                            |                       |                       |        |        |          |  |  |  |
| 91.50           |                   | PIZARRA             | PIZARRA GRIS A NEGRO DE GRANO FINO COMPACTO.   |      |               |          |          |          |           |                    |                            |                       |                       |        |        |          |  |  |  |
| 100             |                   |                     |  |      |               |          |          |          |           |                    |                            |                       |                       |        |        |          |  |  |  |



| PROFUNDIDAD<br>(m) | COLUMNA<br>GEOLOGICA | NOMBRE<br>DE ROCA | DESCRIPCION                                 | VETA   | ALTERACION<br>SILICIF. | BLANQUEO | PIRITIZA | CLORITIZA | NUMERO<br>DE<br>MUESTRAS                         | PROFUNDIDAD<br>DE<br>MUESTREO<br>(cm)         | LARGO DE<br>MUESTRA<br>(cm) | RESULTADO DE ANALISIS |                       |                       |                         |  |          |
|--------------------|----------------------|-------------------|---|--|------------------------|----------|----------|-----------|--|---|-----------------------------|-----------------------|-----------------------|-----------------------|-------------------------|--|----------|
|                    |                      |                   |   |  |                        |          |          |           |  |   |                             | Sn<br>(%)             | Zn<br>(%)             | Pb<br>(%)             | Ag<br>(g/t)             |  |          |
|                    |                      | PIZARRA           | (CONTINUACION)                              |  |                        |          |          |           |  |   |                             |                       |                       |                       |                         |  |          |
| 210                |                      | 20°               |   | VEVA: py>>mat>ald>qr<br>Tex: msx                 |                        |          |          |           | Q - 98<br>Sp-3 P-8<br>C - 99<br>P - 100<br>S - 9 | 21020<br>211.00<br>212.00<br>212.50<br>212.50 | 100<br>100<br>80            | 0.10<br>0.10<br>0.10  | 9.90<br>8.26<br>18.13 | 0.14<br>0.14<br>0.20  | 176.2<br>164.1<br>226.5 |  | W = 2.80 |
| 212.95             |                      | 45°               | PIZARRA GRIS A NEGRO DE GRANO FINO COMPACTO |  |                        |          |          |           |  |   |                             |                       |                       |                       |                         |  |          |
| 215.30             |                      | 70°               | ZONA DE VENILLAS DE 1 - 2 cm py>>mat>ald    | VEVA: py>mat>qr<br>Tex: bd                       |                        |          |          |           |  |   |                             |                       |                       |                       |                         |  |          |
| 220                |                      | 70°               |   | VEVA: En 30cm<br>py>>mat>ald<br>Tex: bd brc      |                        |          |          |           | Q - 101<br>Q - 102<br>P - 20<br>Q - 103          | 220.75<br>221.75<br>222.00<br>222.75          | 100<br>100<br>115           | 0.10<br>0.10<br>0.10  | 6.02<br>0.34<br>6.02  | 0.84<br>0.033<br>0.16 | 259.8<br>11.8<br>49.5   |  | W = 3.15 |
| 223.90             |                      | ?                 | ZONA DE VENILLAS DE 1 - 2 py>>mat>ald       | VEVA: py>>mat>ald>gn<br>Tex: msx                 |                        |          |          |           | Q - 104<br>Q - 105                               | 225.30<br>226.30                              | 100<br>70                   | 0.10<br>0.10          | 2.55<br>3.46          | 2.74<br>4.72          | 332.0<br>475.0          |  | W = 1.70 |
| 227.00             |                      | 10°               |   | VEVA: mat>>py>>ald<br>Tex: bd                    |                        |          |          |           | Q - 106  | 230.10  | 50                          | 0.10                  | 3.36                  | 0.82                  | 290.5                   |  |          |
| 230                |                      | 60°               |   | VEVA: py>>mat>ald<br>Tex: bd y brc               |                        |          |          |           | Q - 107<br>Q - 108                               | 232.65<br>233.65                              | 100<br>80                   | 0.10<br>0.10          | 2.04<br>3.06          | 0.81<br>0.50          | 274.5<br>287.5          |  | W = 1.80 |
| 232.65             |                      | ?                 |   |  |                        |          |          |           |  |   |                             |                       |                       |                       |                         |  |          |
| 234.45             |                      |                   |   |  |                        |          |          |           |  |   |                             |                       |                       |                       |                         |  |          |
| 242.50             |                      | 50°               | FALLA                                       |  |                        |          |          |           |  |   |                             |                       |                       |                       |                         |  |          |
|                    |                      |                   | ZONA DE MATERIAL DE FALLA BRECHADA          |  |                        |          |          |           |  |   |                             |                       |                       |                       |                         |  |          |
| 249                |                      | 50                | PIZARRA                                     | PIZARRA GRIS A NEGRO DE GRANO FINO COMPACTO DURO |                        |          |          |           |  |   |                             |                       |                       |                       |                         |  |          |
| 260                |                      | 10°               |   |  |                        |          |          |           |  |   |                             |                       |                       |                       |                         |  |          |
| 270                |                      |                   |   |  |                        |          |          |           |  |   |                             |                       |                       |                       |                         |  |          |
| 280                |                      |                   |   |  |                        |          |          |           |  |   |                             |                       |                       |                       |                         |  |          |
| 290                |                      |                   |   |  |                        |          |          |           |  |   |                             |                       |                       |                       |                         |  |          |
| 300                |                      |                   |   |  |                        |          |          |           |  |   |                             |                       |                       |                       |                         |  |          |

| PROFUNDIDAD (m) | COLUMNA GEOLOGICA | NOMBRE DE ROCA | DESCRIPCION                                | VETA                            | ALTERACION SILICIF. BLANQUEA. PIRITIZA. CLORITIZA | NUMERO DE MUESTRAS | PROFUNDIDAD DE MUESTRO (m) | LARGO DE MUESTRA (cm) | RESULTADO DE ANALISIS |        |        |          |  |
|-----------------|-------------------|----------------|--|---------------------------------|---|--------------------|----------------------------|-----------------------|-----------------------|--------|--------|----------|--|
|                 |                   |                |  |                                 |   |                    |                            |                       | Sn (%)                | Zn (%) | Pb (%) | Ag (g/t) |  |
| 301.50          |                   | 40°            | (CONTINUACION)                             | VENILLA: py>mot>slid<br>Tst. bd |   |                    |                            | 5                     |                       |        |        |          |  |
| 310             |                   |                |  |                                 |   |                    |                            |                       |                       |        |        |          |  |
| 312             |                   | PIZARRA        | PIZARRA GRIS A NEGRO FRACTURADA DEBILMENTE |                                 |   |                    |                            |                       |                       |        |        |          |  |
| 316             |                   |                |  |                                 |   |                    |                            |                       |                       |        |        |          |  |
| 320             |                   |                |  |                                 |   |                    |                            |                       |                       |        |        |          |  |
| 329.10          |                   |                | DISEMINACION DE mot>>                      |                                 |   |                    |                            |                       |                       |        |        |          |  |
| 329.15          |                   | 40°            |  |                                 |   |                    |                            |                       |                       |        |        |          |  |
| 330             |                   |                |  |                                 |   |                    |                            |                       |                       |        |        |          |  |
| 340             |                   |                |  |                                 |   |                    |                            |                       |                       |        |        |          |  |
| 350             |                   |                |  |                                 |   |                    |                            |                       |                       |        |        |          |  |
| 353.30          |                   |                |  |                                 |   |                    |                            |                       |                       |        |        |          |  |
| 360             |                   |                |  |                                 |   |                    |                            |                       |                       |        |        |          |  |
| 370             |                   |                |  |                                 |   |                    |                            |                       |                       |        |        |          |  |
| 380             |                   |                |  |                                 |   |                    |                            |                       |                       |        |        |          |  |
| 390             |                   |                |  |                                 |   |                    |                            |                       |                       |        |        |          |  |
| 400             |                   |                |  |                                 |   |                    |                            |                       |                       |        |        |          |  |

| PROFUNDIDAD (m) | COLUMNA GEOLOGICA | NOMBRE DE ROCA | DESCRIPCION  | VETA | ALTERACION | SILICIFI | BLANQUEA | PIRITIZA | CLORITIZA | NUMERO DE MUESTRAS | PROFUNDIDAD DE MUESTREO | LARGO DE MUESTRA (cm) | RESULTADO DE ANALISIS |        |        |          |  |  |  |
|-----------------|-------------------|----------------|--|------|------------|----------|----------|----------|-----------|--------------------|-------------------------|-----------------------|-----------------------|--------|--------|----------|--|--|--|
|                 |                   |                |  |      |            |          |          |          |           |                    |                         |                       | Sn (%)                | Zn (%) | Pb (%) | Ag (g t) |  |  |  |
| 0               |                   | PIZARRA        | PIZARRA GRIS A AMARILLO DE GRAHO FINO VARIACION DE COLOR GRADUALMENTE A GRIS |      |            |          |          |          |           |                    |                         |                       |                       |        |        |          |  |  |  |
| 10              |                   |                |  |      |            |          |          |          |           |                    |                         |                       |                       |        |        |          |  |  |  |
| 20              |                   |                |  |      |            |          |          |          |           |                    |                         |                       |                       |        |        |          |  |  |  |
| 30              |                   |                |  |      |            |          |          |          |           |                    |                         |                       |                       |        |        |          |  |  |  |
| 31.50           |                   |                | ZONA DE FALLA BRECHADA   |      |            |          |          |          |           |                    |                         |                       |                       |        |        |          |  |  |  |
| 32.60           |                   | ARENISCA       | ARENISCA DE COLOR GRIS BLANQUECHO DE GROND FINO COMPACTO DURO                |      |            |          |          |          |           |                    |                         |                       |                       |        |        |          |  |  |  |
| 40              |                   |                |  |      |            |          |          |          |           |                    |                         |                       |                       |        |        |          |  |  |  |
| 50              |                   |                |  |      |            |          |          |          |           |                    |                         |                       |                       |        |        |          |  |  |  |
| 54              |                   | PIZARRA        | PIZARRA GRIS A NEGRO MEDIANAMENTE COMPACTO LEVEMENTE BRECHADO                |      |            |          |          |          |           |                    |                         |                       |                       |        |        |          |  |  |  |
| 58.50           |                   |                |  |      |            |          |          |          |           |                    |                         |                       |                       |        |        |          |  |  |  |
| 60              |                   |                |  |      |            |          |          |          |           |                    |                         |                       |                       |        |        |          |  |  |  |
| 70              |                   |                |  |      |            |          |          |          |           |                    |                         |                       |                       |        |        |          |  |  |  |
| 80              |                   |                |  |      |            |          |          |          |           |                    |                         |                       |                       |        |        |          |  |  |  |
| 84              |                   |                |  |      |            |          |          |          |           |                    |                         |                       |                       |        |        |          |  |  |  |
| 88              |                   |                | ZONA DE FALLA FUERTEMENTE ARCILLOSA Y BRECHADA                               |      |            |          |          |          |           |                    |                         |                       |                       |        |        |          |  |  |  |
| 90              |                   | PIZARRA        | PIZARRA GRIS A NEGRO DE GRAHO FINO COMPACTO DURO                             |      |            |          |          |          |           |                    |                         |                       |                       |        |        |          |  |  |  |
| 90.50           |                   |                |  |      |            |          |          |          |           |                    |                         |                       |                       |        |        |          |  |  |  |
| 100             |                   |                |  |      |            |          |          |          |           |                    |                         |                       |                       |        |        |          |  |  |  |



| PROFUNDIDAD (m) | COLUMNA GEOLÓGICA | NOMBRE DE ROCA | DESCRIPCION  | VETA                            | ALTERACION SILICIF. BLANQUEA. PIRITIZA. CLORITIZA. | NUMERO DE MUESTRAS | PROFUNDIDAD DE MUESTREO | LARGO DE MUESTRA (cm) | RESULTADO DE ANALISIS |        |        |          |  |  |  |  |  |
|-----------------|-------------------|----------------|--|---------------------------------|--|--------------------|-------------------------|-----------------------|-----------------------|--------|--------|----------|--|--|--|--|--|
|                 |                   |                |  |                                 |  |                    |                         |                       | Sn (%)                | Zn (%) | Pb (%) | Ag (g/t) |  |  |  |  |  |
| 100             |                   | PIZARRA        | (CONTINUACION)<br>PIZARRA GRIS A NEGRO DE GRANO FINO COMPACTO DURO |                                 |  |                    |                         |                       |                       |        |        |          |  |  |  |  |  |
| 120             |                   |                |  |                                 |  |                    |                         |                       |                       |        |        |          |  |  |  |  |  |
| 130             |                   |                |  |                                 |  |                    |                         |                       |                       |        |        |          |  |  |  |  |  |
| 140             |                   |                |  |                                 |  |                    |                         |                       |                       |        |        |          |  |  |  |  |  |
| 145.10          |                   |                |  |                                 |  |                    |                         |                       |                       |        |        |          |  |  |  |  |  |
| 150             |                   |                |  |                                 |  |                    |                         |                       |                       |        |        |          |  |  |  |  |  |
| 160             |                   |                | ZONA DE FALLA FUERTE CON ALTERACION ARCILLOSA Y BRECHADA           |                                 |  |                    |                         |                       |                       |        |        |          |  |  |  |  |  |
| 163.60          |                   | PIZARRA        | PIZARRA GRIS A NEGRO DE GRANO FINO MEDIANAMENTE COMPACTO           |                                 |  |                    |                         |                       |                       |        |        |          |  |  |  |  |  |
| 166.40          |                   |                | ZONA DE FALLA BRECHADA   |                                 |  |                    |                         |                       |                       |        |        |          |  |  |  |  |  |
| 169.70          |                   | PIZARRA        | PIZARRA GRIS A NEGRO MEDIANAMENTE COMPACTO                         |                                 |  |                    |                         |                       |                       |        |        |          |  |  |  |  |  |
| 173             |                   |                | ZONA DE FALLA FUERTE BRECHADA                                      |                                 |  |                    |                         |                       |                       |        |        |          |  |  |  |  |  |
| 176.50          |                   |                |  | VETA: sil>mol? py>gn<br>ta. brc |  |                    |                         |                       |                       |        |        |          |  |  |  |  |  |
| 179.30          |                   |                |  |                                 |  |                    |                         |                       |                       |        |        |          |  |  |  |  |  |
| 180             |                   |                |  | VENILLA: mol? py<br>ta. brc     |  |                    |                         |                       |                       |        |        |          |  |  |  |  |  |
| 182             |                   |                |  |                                 |  |                    |                         |                       |                       |        |        |          |  |  |  |  |  |
| 181.50          |                   |                |  | VENILLA: mol                    |  |                    |                         |                       |                       |        |        |          |  |  |  |  |  |
| 186.00          |                   |                |  | VETA: gn? py? mol<br>ta. mxv    |  |                    |                         |                       |                       |        |        |          |  |  |  |  |  |
| 186.50          |                   | PIZARRA        | PIZARRA GRIS A NEGRO COMPACTO DE GRANO FINO                        |                                 |  |                    |                         |                       |                       |        |        |          |  |  |  |  |  |
| 190             |                   |                |  |                                 |  |                    |                         |                       |                       |        |        |          |  |  |  |  |  |
| 200             |                   |                |  |                                 |  |                    |                         |                       |                       |        |        |          |  |  |  |  |  |

| PROFUNDIDAD<br>(m) | COLUMNA<br>GEOLOGICA | NOMBRE<br>DE ROCA | DESCRIPCION                                      | VETA | ALTERACION<br>SILICIFI. | BLANQUEA. | PIRITIZA. | CLORITIZA. | NUMERO<br>DE<br>MUESTRAS | PROFUNDIDAD<br>DE<br>MUESTREO<br>(m) | LARGO DE<br>MUESTRA<br>(cm) | RESULTADO DE ANALISIS |           |           |             |  |  |  |
|--------------------|----------------------|-------------------|--|------|-------------------------|-----------|-----------|------------|--------------------------|--------------------------------------|-----------------------------|-----------------------|-----------|-----------|-------------|--|--|--|
|                    |                      |                   |  |      |                         |           |           |            |                          |                                      |                             | Sn<br>(%)             | Zn<br>(%) | Pb<br>(%) | Ag<br>(g/l) |  |  |  |
|                    |                      |                   | (CONTINUACION)                                   |      |                         |           |           |            |                          |                                      |                             |                       |           |           |             |  |  |  |
|                    |                      | PIZARRA           | PIZARRA GRIS A NEGRO DE GRAND FIRO COMPACTO DURO |      |                         |           |           |            |                          |                                      |                             |                       |           |           |             |  |  |  |
| 210                |                      | ↙ 10°             |  |      |                         |           |           |            |                          |                                      |                             |                       |           |           |             |  |  |  |
| 220                |                      |                   |  |      |                         |           |           |            |                          |                                      |                             |                       |           |           |             |  |  |  |
| 230                |                      |                   |  |      |                         |           |           |            |                          |                                      |                             |                       |           |           |             |  |  |  |
| 240                |                      |                   |  |      |                         |           |           |            |                          |                                      |                             |                       |           |           |             |  |  |  |
| 250                |                      |                   |  |      |                         |           |           |            |                          |                                      |                             |                       |           |           |             |  |  |  |
| 260                |                      |                   |  |      |                         |           |           |            |                          |                                      |                             |                       |           |           |             |  |  |  |
| 270                |                      |                   |  |      |                         |           |           |            |                          |                                      |                             |                       |           |           |             |  |  |  |
| 280                |                      |                   |  |      |                         |           |           |            |                          |                                      |                             |                       |           |           |             |  |  |  |
| 290                |                      |                   |  |      |                         |           |           |            |                          |                                      |                             |                       |           |           |             |  |  |  |
| 296.95<br>297.00   |                      | 150°              |  |      |                         |           |           |            |                          |                                      |                             |                       |           |           |             |  |  |  |
| 300                |                      |                   |  |      |                         |           |           |            |                          |                                      |                             |                       |           |           |             |  |  |  |

VETA: py>>gn> met>sid  
lex. mar

5

| PROFUNDIDAD (m) | COLUMNA GEOLOGICA | NOMBRE DE ROCA | DESCRIPCION   | VEYA                            | ALTERACION SILICIFI. | BLANQUEA. | PIRITIZA. | CLORITIZA. | NUMERO DE NUESTRAS | PROFUNDIDAD DE MUESTREO (cm) | LARGO DE MUESTRA (cm) | RESULTADO DE ANALISIS |        |        |          |
|-----------------|-------------------|----------------|---|---------------------------------|----------------------|-----------|-----------|------------|--------------------|------------------------------|-----------------------|-----------------------|--------|--------|----------|
|                 |                   |                |   |                                 |                      |           |           |            |                    |                              |                       | Sn (%)                | Zn (%) | Pb (%) | Ag (g/t) |
| 302.85          |                   | 30°            | (CONTINUACION)  | VEYA: py>msl>sl>sga<br>100. msr |                      |           |           |            | 0 - 113            | 302.85                       | 100                   | 0.08                  | 11.12  | 1.49   | 204.0    |
| 303.85          |                   | PIZARRA        | PIZARRA GRIS A NEGRO MEDIANAMENTE COMPACTO DE GRA-RO FINO |                                 |                      |           |           |            |                    |                              |                       |                       |        |        |          |
| 310             |                   |                |   |                                 |                      |           |           |            |                    |                              |                       |                       |        |        |          |
| 320             |                   | 30°            |   |                                 |                      |           |           |            |                    |                              |                       |                       |        |        |          |
| 330             |                   |                |   |                                 |                      |           |           |            |                    |                              |                       |                       |        |        |          |
| 333.22          |                   | 30°            | ZONA BRECHADA CON VENILLAS DE 1-3 cm de sid               | VEYA: sl>7mol>py<br>100. 02c    |                      |           |           |            | 0 - 114            | 333.22                       | 30                    | 0.16                  | 1.59   | 0.064  | 34.3     |
| 333.52          |                   |                |   |                                 |                      |           |           |            |                    |                              |                       |                       |        |        |          |
| 340             |                   |                |   |                                 |                      |           |           |            |                    |                              |                       |                       |        |        |          |
| 350             |                   |                |   |                                 |                      |           |           |            |                    |                              |                       |                       |        |        |          |
| 352.65          |                   |                |   |                                 |                      |           |           |            |                    |                              |                       |                       |        |        |          |
| 360             |                   |                |   |                                 |                      |           |           |            |                    |                              |                       |                       |        |        |          |
| 370             |                   |                |   |                                 |                      |           |           |            |                    |                              |                       |                       |        |        |          |
| 380             |                   |                |   |                                 |                      |           |           |            |                    |                              |                       |                       |        |        |          |
| 390             |                   |                |   |                                 |                      |           |           |            |                    |                              |                       |                       |        |        |          |
| 400             |                   |                |   |                                 |                      |           |           |            |                    |                              |                       |                       |        |        |          |

| PROFUNDIDAD (m) | COLUMNA GEOLOGICA | NOMBRE DE ROCA   | DESCRIPCION   | VETA                                  | ALTER. ARCILLA SILICIF. | BLANQUEO. PIRITIZA. | CLORITIZA. | NUMERO DE MUESTRAS | PROFUNDIDAD DE MUESTREO (cm) | LARGO DE MUESTRA (cm) | RESULTADO DE ANALISIS |            |        |          |
|-----------------|-------------------|------------------|---|---------------------------------------|-------------------------|---------------------|------------|--------------------|------------------------------|-----------------------|-----------------------|------------|--------|----------|
|                 |                   |                  |   |                                       |                         |                     |            |                    |                              |                       | Sn (%)                | Zn (%)     | Pb (%) | Ag (g/l) |
| 0-21            |                   | SUBO ARENISCA    | ARENISCA GRIS BLANQUECINO MEDIANAMENTE COMPACTO GRANO FINO                        |                                       |                         |                     |            |                    |                              |                       |                       |            |        |          |
| 21-29.30        |                   | PIZARRA          | PIZARRA ARCILLOSA ALTERADA DE COLOR GRIS BLANQUECINO                              |                                       |                         |                     |            |                    |                              |                       |                       |            |        |          |
| 29.30-30        |                   |                  | PIZARRA GRIS A NEGRO BLANDA BRECHADA  |                                       |                         |                     |            |                    |                              |                       |                       |            |        |          |
| 30-53           |                   |                  |   |                                       |                         |                     |            |                    |                              |                       |                       |            |        |          |
| 53-56           |                   | PIZARRA          | PIZARRA GRIS A NEGRO DE GRANO FINO COMPACTO DURO                                  |                                       |                         |                     |            |                    |                              |                       |                       |            |        |          |
| 56-60           |                   | PIZARRA BRECHADA |   |                                       |                         |                     |            |                    |                              |                       |                       |            |        |          |
| 60-62.40        |                   | PIZARRA          | PIZARRA GRIS A NEGRO COMPACTO, DURO SE OBSERV DISIMINACION DE py EN FORMA PARCIAL | VETA: sid>py>mol>qm<br>Tex. msy       |                         |                     |            | Q - 124            | 82.00                        | 40                    | menos 0.01            | 2.11       | 1.39   | 309.0    |
| 62.40-68        |                   |                  |   |                                       |                         |                     |            |                    |                              |                       |                       |            |        |          |
| 68-69.30        |                   | PIZARRA          | PIZARRA GRIS A NEGRO SUAVE BRECHADO   |                                       |                         |                     |            |                    |                              |                       |                       |            |        |          |
| 69.30-74.70     |                   |                  |   |                                       |                         |                     |            |                    |                              |                       |                       |            |        |          |
| 74.70-75.30     |                   |                  | PIZARRA BRECHADA  |                                       |                         |                     |            |                    |                              |                       |                       |            |        |          |
| 75.30-80        |                   |                  |   |                                       |                         |                     |            |                    |                              |                       |                       |            |        |          |
| 80-81.75        |                   |                  |   |                                       |                         |                     |            |                    |                              |                       |                       |            |        |          |
| 81.75-82.30     |                   | PIZARRA BRECHADA |   |                                       |                         |                     |            |                    |                              |                       |                       |            |        |          |
| 82.30-83.30     |                   | PIZARRA          | PIZARRA GRIS A NEGRO COMPACTO, DURO GRANO FINO                                    | VETA: sid>py>mol<br>Tex. bre drastico |                         |                     |            | Q - 125            | 82.80                        | 50                    | 0.01                  | menos 0.33 | 0.08   | 15.7     |
| 83.30-90        |                   |                  |   |                                       |                         |                     |            |                    |                              |                       |                       |            |        |          |
| 90-95           |                   |                  |   |                                       |                         |                     |            |                    |                              |                       |                       |            |        |          |
| 95-100          |                   |                  |   |                                       |                         |                     |            |                    |                              |                       |                       |            |        |          |

| PROFUNDIDAD (m) | COLUMNA GEOLOGICA | NOMBRE DE ROCA   | DESCRIPCION  | VETA | ALTERACION | SILICIF. | BLANQUEO | PIRITIZA | CLORITIZA | NUMERO DE MUESTRAS | PROFUNDIDAD DE MUESTREO (m) | LARGO DE MUESTRA (cm) | RESULTADO DE ANALISIS |        |        |          |  |  |
|-----------------|-------------------|------------------|--|------|------------|----------|----------|----------|-----------|--------------------|-----------------------------|-----------------------|-----------------------|--------|--------|----------|--|--|
|                 |                   |                  |  |      |            |          |          |          |           |                    |                             |                       | Sn (%)                | Zn (%) | Pb (%) | Ag (g/t) |  |  |
|                 |                   |                  | (CONTINUACION)<br>PIZARRA GRIS A NEGRO DE GRANO FINO COMPACTO DURO |      |            |          |          |          |           |                    |                             |                       |                       |        |        |          |  |  |
| 110             |                   |                  |  |      |            |          |          |          |           |                    |                             |                       |                       |        |        |          |  |  |
| 117.50          |                   | PIZARRA BRECHADA | ZONA DE FALLA ARCILLOSA, BRECHADA DE COLORACION GRIS BLANQUECINO   |      |            |          |          |          |           |                    |                             |                       |                       |        |        |          |  |  |
| 118.50          |                   | PIZARRA          | PIZARRA GRIS A NEGRO DE GRANO FINO COMPACTO DURO                   |      |            |          |          |          |           |                    |                             |                       |                       |        |        |          |  |  |
| 120             |                   |                  |  |      |            |          |          |          |           |                    |                             |                       |                       |        |        |          |  |  |
| 130             |                   |                  |  |      |            |          |          |          |           |                    |                             |                       |                       |        |        |          |  |  |
| 140             |                   |                  |  |      |            |          |          |          |           |                    |                             |                       |                       |        |        |          |  |  |
| 150             |                   |                  |  |      |            |          |          |          |           |                    |                             |                       |                       |        |        |          |  |  |
| 160             |                   |                  |  |      |            |          |          |          |           |                    |                             |                       |                       |        |        |          |  |  |
| 170             |                   |                  |  |      |            |          |          |          |           |                    |                             |                       |                       |        |        |          |  |  |
| 180             |                   |                  |  |      |            |          |          |          |           |                    |                             |                       |                       |        |        |          |  |  |
| 190             |                   |                  |  |      |            |          |          |          |           |                    |                             |                       |                       |        |        |          |  |  |
| 190.50          |                   |                  | FALLA BRECHADA GRIS A NEGRO ARCILLOSA CON FRAGMENTO DE síd         |      |            |          |          |          |           |                    |                             |                       |                       |        |        |          |  |  |
| 193.50          |                   | PIZARRA          | PIZARRA GRIS A NEGRO DE GRANO FINO COMPACTO DURO                   |      |            |          |          |          |           |                    |                             |                       |                       |        |        |          |  |  |
| 197.60          |                   |                  |  |      |            |          |          |          |           | Q - 126            | 197.60                      | 100                   | 0.01                  | 0.81   | 1.15   | 209.0    |  |  |
| 199.00          |                   |                  |  |      |            |          |          |          |           | Q - 127            | 199.00                      | 40                    | 0.01                  | 0.48   | 0.25   | 97.4     |  |  |
| 200             |                   |                  |  |      |            |          |          |          |           |                    |                             |                       |                       |        |        |          |  |  |

| PROFUNDIDAD<br>(m) | COLUMNA<br>GEOLOGICA | NOMBRE<br>DE ROCA | DESCRIPCION   | VETA  | ALTERACION<br>SILICIF. | BLANQUEO<br>PIRITIZA<br>CLORITIZA. | NUMERO<br>DE<br>MUESTRAS | PROFUNDIDAD<br>DE<br>MUESTREO<br>(m) | LARGO DE<br>MUESTRA<br>(cm) | RESULTADO DE ANALISIS |           |           |             |  |  |  |  |  |  |
|--------------------|----------------------|-------------------|---|---|------------------------|------------------------------------|--------------------------|--------------------------------------|-----------------------------|-----------------------|-----------|-----------|-------------|--|--|--|--|--|--|
|                    |                      |                   |   |   |                        |                                    |                          |                                      |                             | Sn<br>(%)             | Zn<br>(%) | Pb<br>(%) | Ag<br>(g/l) |  |  |  |  |  |  |
|                    |                      | PIZARRA           | (CONTINUACION)<br>PIZARRA GRIS A NEGRO DE GRANO FINO COMPACTO |   |                        |                                    |                          |                                      |                             |                       |           |           |             |  |  |  |  |  |  |
| 210                |                      | ∇ <sub>20°</sub>  |   |   |                        |                                    |                          |                                      |                             |                       |           |           |             |  |  |  |  |  |  |
| 2135               |                      | ∇ <sub>40°</sub>  |   | VETA: sid >> py<br>Tex. brc. bd con<br>componentes de<br>FeO <sub>2</sub> |                        |                                    | 0 - 128                  | 210                                  | 55                          | menor<br>0.01         | 1.63      | 0.13      | 42.0        |  |  |  |  |  |  |
| 21370              |                      | ∇ <sub>2</sub>    |   | VETA: sid >> py<br>Tex. brc   |                        |                                    | 0 - 129                  | 213.70                               | 50                          | 0.02                  | 0.34      | 0.04      | 172.0       |  |  |  |  |  |  |
| 21420              |                      |                   |   |   |                        |                                    |                          |                                      |                             |                       |           |           |             |  |  |  |  |  |  |
| 220                |                      |                   |   |   |                        |                                    |                          |                                      |                             |                       |           |           |             |  |  |  |  |  |  |
| 230                |                      |                   |   |   |                        |                                    |                          |                                      |                             |                       |           |           |             |  |  |  |  |  |  |
| 240                |                      |                   |   |   |                        |                                    |                          |                                      |                             |                       |           |           |             |  |  |  |  |  |  |
| 250                |                      |                   |   |   |                        |                                    |                          |                                      |                             |                       |           |           |             |  |  |  |  |  |  |
| 260                |                      |                   |   |   |                        |                                    |                          |                                      |                             |                       |           |           |             |  |  |  |  |  |  |
| 270                |                      |                   |   |   |                        |                                    |                          |                                      |                             |                       |           |           |             |  |  |  |  |  |  |
| 280                |                      |                   |   |   |                        |                                    |                          |                                      |                             |                       |           |           |             |  |  |  |  |  |  |
| 290                |                      |                   |   |   |                        |                                    |                          |                                      |                             |                       |           |           |             |  |  |  |  |  |  |
| 300                |                      |                   |   |   |                        |                                    |                          |                                      |                             |                       |           |           |             |  |  |  |  |  |  |

30050

| PROFUNDIDAD (m) | COLUMNA GEOLOGICA | NOMBRE DE ROCA | DESCRIPCION  | VETA | ALTERACION SILICIF. | BLANQUEA | PIRITIZA | CLORITIZA | NU. NEGRO DE MUESTRAS | PROFUNDIDAD DE MUESTRO (m) | LARGO DE MUESTRA (cm) | RESULTADO DE ANALISIS |        |        |          |  |  |  |
|-----------------|-------------------|----------------|--|------|---------------------|----------|----------|-----------|-----------------------|----------------------------|-----------------------|-----------------------|--------|--------|----------|--|--|--|
|                 |                   |                |  |      |                     |          |          |           |                       |                            |                       | Sn (%)                | Zn (%) | Pb (%) | Ag (g/l) |  |  |  |
| 0               |                   | PIZARRA        | PIZARRA GRIS A NEGRO DE GRANO FINO, COMPACTO DURO                |      |                     |          |          |           |                       |                            |                       |                       |        |        |          |  |  |  |
| 10              |                   |                |  |      |                     |          |          |           |                       |                            |                       |                       |        |        |          |  |  |  |
| 20              |                   |                |  |      |                     |          |          |           |                       |                            |                       |                       |        |        |          |  |  |  |
| 23.50           |                   | ARENISCA       | ARENISCA GRIS BLANQUECINO A AMARILLO GRANO FINO COMPACTO DURO    |      |                     |          |          |           |                       |                            |                       |                       |        |        |          |  |  |  |
| 26.70           |                   | PIZARRA        |  |      |                     |          |          |           |                       |                            |                       |                       |        |        |          |  |  |  |
| 30              |                   |                |  |      |                     |          |          |           |                       |                            |                       |                       |        |        |          |  |  |  |
| 31              |                   | ARENISCA       | ARENISCA GRIS BLANQUECINO A AMARILLO DE GRANO FINO COMPACTO DURO |      |                     |          |          |           |                       |                            |                       |                       |        |        |          |  |  |  |
| 40              |                   |                |  |      |                     |          |          |           |                       |                            |                       |                       |        |        |          |  |  |  |
| 50              |                   |                |  |      |                     |          |          |           |                       |                            |                       |                       |        |        |          |  |  |  |
| 60              |                   |                |  |      |                     |          |          |           |                       |                            |                       |                       |        |        |          |  |  |  |
| 70              |                   | PIZARRA        | PIZARRA GRIS A NEGRO DE GRANO FINO COMPACTO DURO                 |      |                     |          |          |           |                       |                            |                       |                       |        |        |          |  |  |  |
| 80              |                   |                |  |      |                     |          |          |           |                       |                            |                       |                       |        |        |          |  |  |  |
| 90              |                   |                |  |      |                     |          |          |           |                       |                            |                       |                       |        |        |          |  |  |  |
| 100             |                   |                |  |      |                     |          |          |           |                       |                            |                       |                       |        |        |          |  |  |  |

| PROFUNDIDAD (m)  | COLUMNA GEOLOGICA | NOMBRE DE ROCA | DESCRIPCION  | VETA | ALTERACION ARCILLA | SILICIF. BLANQUEA | PIRITIZA | CLORITIZA | NUMERO DE MUESTRAS | PROFUNDIDAD DE MUESTRO (m) | LARGO DE MUESTRA (m) | RESULTADO DE ANALISIS |        |        |          |  |  |
|------------------|-------------------|----------------|--|------|--------------------|-------------------|----------|-----------|--------------------|----------------------------|----------------------|-----------------------|--------|--------|----------|--|--|
|                  |                   |                |  |      |                    |                   |          |           |                    |                            |                      | So (%)                | Zn (%) | Pb (%) | Ag (g/t) |  |  |
|                  |                   |                | (CONTINUACION)   |      |                    |                   |          |           |                    |                            |                      |                       |        |        |          |  |  |
| 110              |                   |                |  |      |                    |                   |          |           |                    |                            |                      |                       |        |        |          |  |  |
| 117.20<br>118.70 |                   | ARENISCA       | ARENISCA GRIS BLANQUECINO A AMARILLO COMPACTO DURO                         |      |                    |                   |          |           |                    |                            |                      |                       |        |        |          |  |  |
| 120              |                   |                |  |      |                    |                   |          |           |                    |                            |                      |                       |        |        |          |  |  |
| 130              |                   |                |  |      |                    |                   |          |           |                    |                            |                      |                       |        |        |          |  |  |
| 135.70           |                   |                |  |      |                    |                   |          |           |                    |                            |                      |                       |        |        |          |  |  |
| 140              |                   |                |  |      |                    |                   |          |           |                    |                            |                      |                       |        |        |          |  |  |
| 150              |                   |                | ZONA DE FALLA, BRECHADA BLANDA DE COLORACION GRIS A NEGRO ARCILLA ALTERADA |      |                    |                   |          |           |                    |                            |                      |                       |        |        |          |  |  |
| 160              |                   |                |  |      |                    |                   |          |           |                    |                            |                      |                       |        |        |          |  |  |
| 170<br>170.50    |                   | PIZARRA        | PIZARRA GRIS A NEGRO FRACTURADA BLANDA                                     |      |                    |                   |          |           |                    |                            |                      |                       |        |        |          |  |  |
| 180              |                   |                |  |      |                    |                   |          |           |                    |                            |                      |                       |        |        |          |  |  |
| 190              |                   |                | ZONA DE FALLA BRECHADA GRIS CON ALTERACION ARCILLOSA                       |      |                    |                   |          |           |                    |                            |                      |                       |        |        |          |  |  |
| 195              |                   | PIZARRA        | PIZARRA GRIS A NEGRO COMPACTO DURO DE GRANO FINO                           |      |                    |                   |          |           |                    |                            |                      |                       |        |        |          |  |  |
| 197.65<br>198.05 |                   |                |  |      |                    |                   |          |           |                    |                            |                      |                       |        |        |          |  |  |
| 200              |                   |                |  |      |                    |                   |          |           |                    |                            |                      |                       |        |        |          |  |  |

VENILLAS: 487py mol  
Tex. dic. irregular

3



| PROFUNDIDAD<br>(m) | COLUMNA<br>GEOLOGICA | NOMBRE<br>DE ROCA | DESCRIPCION  | VETA | ALTERACION<br>ARCILLA | SILICIFI<br>BLANQUEA | PIRITIZA | CLORITIZA | NUMERO<br>DE<br>MUESTRAS | PROFUNDIDAD<br>DE<br>MUESTREO<br>(m) | LARGO DE<br>MUESTRA<br>(cm) | RESULTADO DE ANALISIS |           |           |             |  |  |  |
|--------------------|----------------------|-------------------|--|------|-----------------------|----------------------|----------|-----------|--------------------------|--------------------------------------|-----------------------------|-----------------------|-----------|-----------|-------------|--|--|--|
|                    |                      |                   |  |      |                       |                      |          |           |                          |                                      |                             | Sn<br>(%)             | Zn<br>(%) | Pb<br>(%) | Ag<br>(g/t) |  |  |  |
|                    |                      | PIZARRA           | (CONTINUACION)<br>PIZARRA GRIS A NEGRO DE GRANO FINO COMPACTO DURO |      |                       |                      |          |           |                          |                                      |                             |                       |           |           |             |  |  |  |
| 310                |                      |                   |  |      |                       |                      |          |           |                          |                                      |                             |                       |           |           |             |  |  |  |
| 320                |                      |                   |  |      |                       |                      |          |           |                          |                                      |                             |                       |           |           |             |  |  |  |
| 330                |                      |                   |  |      |                       |                      |          |           |                          |                                      |                             |                       |           |           |             |  |  |  |
| 240                |                      |                   |  |      |                       |                      |          |           |                          |                                      |                             |                       |           |           |             |  |  |  |
| 350                |                      |                   |  |      |                       |                      |          |           |                          |                                      |                             |                       |           |           |             |  |  |  |
| 351.65             |                      |                   |  |      |                       |                      |          |           |                          |                                      |                             |                       |           |           |             |  |  |  |
| 360                |                      |                   |  |      |                       |                      |          |           |                          |                                      |                             |                       |           |           |             |  |  |  |
| 370                |                      |                   |  |      |                       |                      |          |           |                          |                                      |                             |                       |           |           |             |  |  |  |
| 380                |                      |                   |  |      |                       |                      |          |           |                          |                                      |                             |                       |           |           |             |  |  |  |
| 390                |                      |                   |  |      |                       |                      |          |           |                          |                                      |                             |                       |           |           |             |  |  |  |
| 400                |                      |                   |  |      |                       |                      |          |           |                          |                                      |                             |                       |           |           |             |  |  |  |

付録一 2 地表及び坑内調査岩石薄片顕微鏡観察一覧表

| Nr | Ubicacion                | Numero de muestra | Nombre de roca | Textura         | Minerales |   |    |    |    |    |    |    |    |            |    |    |    |    |   |    |     |    |    |     |    |
|----|--------------------------|-------------------|----------------|-----------------|-----------|---|----|----|----|----|----|----|----|------------|----|----|----|----|---|----|-----|----|----|-----|----|
|    |                          |                   |                |                 | Primario  |   |    |    |    |    |    |    |    | Secundario |    |    |    |    |   |    |     |    |    |     |    |
|    |                          |                   |                |                 | Qz        | F | Kf | Pl | Bi | Ho | To | Ma | Zr | Sh         | Sd | Mi | Ap | He | C | Ch | Och | Se | Py | Fpy | Ca |
| 1  | Ni 325                   | MXT-06            | Bi-Sh          |                 | •         | △ |    |    |    |    |    |    |    |            |    |    |    |    |   |    |     | ◎  | ◎  | •   | •  |
| 2  | Ni 325                   | 10                | Di-Sh          |                 | △         | △ |    |    |    |    |    |    |    |            |    |    |    |    |   |    |     | ◎  | ◎  | •   | •  |
| 3  | Ni 325                   | 35                | gy. Sh         |                 | ○         | △ |    |    |    |    |    |    |    |            |    |    |    |    |   |    |     | ◎  | ◎  | •   | •  |
| 4  | Ni 365                   | 42                | Py-gy. Sh      |                 | ○         | ○ |    |    |    |    |    |    |    |            |    |    |    |    |   |    |     | △  | △  | •   | •  |
| 5  | Ni 365                   | 46                | d. gre. Slt    |                 | △         | △ |    |    |    |    |    |    |    |            |    |    |    |    |   |    |     | ◎  | ◎  | •   | •  |
| 6  | Ni 365                   | 48                | gy. Slt        | Py-Fe veta      | ○         | ○ |    |    |    |    |    |    |    |            |    |    |    |    |   |    |     | △  | △  | •   | •  |
| 7  | Ni 365                   | 51                | gy. Slt        |                 | ○         | ○ |    |    |    |    |    |    |    |            |    |    |    |    |   |    |     | △  | △  | •   | •  |
| 8  | Ni 325                   | 52                | gy. Slt        | Se, Ch bandeado | ◎         | ○ |    |    |    |    |    |    |    |            |    |    |    |    |   |    |     | △  | △  | •   | •  |
| 9  | Ni 325                   | 53                | d. gy. Slt     | Ss bandeado     | ○         | △ |    |    |    |    |    |    |    |            |    |    |    |    |   |    |     | ○  | ○  | •   | •  |
| 10 | Ni 325                   | 55                | gy. Slt        | Ss bandeado     | ○         | △ |    |    |    |    |    |    |    |            |    |    |    |    |   |    |     | ○  | ○  | •   | •  |
| 11 | Ocavi                    | ST-01             | fi. ar-Ss      |                 | ◎         | ○ |    |    |    |    |    |    |    |            |    |    |    |    |   |    |     | △  | △  | •   | •  |
| 12 | Pie de Cerro Ckara kochi | 06                | fi. Fe-Ss      |                 | ◎         | ○ |    |    |    |    |    |    |    |            |    |    |    |    |   |    |     | △  | △  | •   | •  |
| 13 | Pie de Cerro Ckara koche | 08                | fi. Ss         |                 | ◎         | ○ |    |    |    |    |    |    |    |            |    |    |    |    |   |    |     | ○  | ○  | •   | •  |
| 14 | Qda Cabilda              | 09                | fi. Ss         |                 | ◎         | ○ |    |    |    |    |    |    |    |            |    |    |    |    |   |    |     | •  | •  | •   | •  |
| 15 | Candar Konuna            | 12                | gy. Slt        |                 | ◎         | ○ |    |    |    |    |    |    |    |            |    |    |    |    |   |    |     | ○  | ○  | •   | •  |

Abreviaciones

Qz : cuarzo  
 F : feldspato  
 Kf : feldspato potasioso  
 Pl : plagioclasa  
 Bi : biotita  
 Ho : hornblenda  
 To : turmalina  
 Ma : magnetita  
 Zr : circon  
 Sh : esfeno  
 Sd : siderita

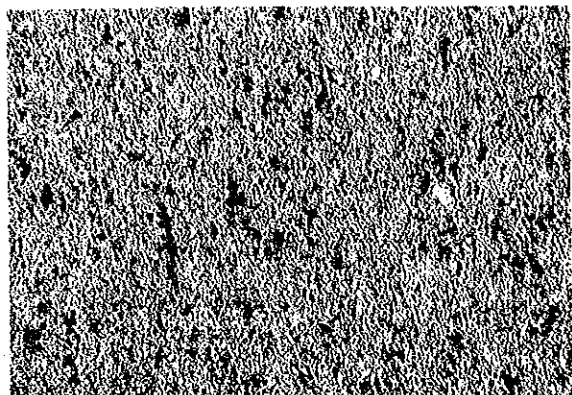
Mi : microclina  
 Ap : apatita  
 He : hematita  
 C : materia carbonica  
 Ch : clorita  
 Och : clorita oxidada  
 Se : sericita  
 Py : pirita  
 Fpy : pirita redonda  
 Ca : caliza  
 Ofe : hierro hidroxido

Bi-Sh : lutita negra ◎ : abundante  
 gy : gris ○ : mediano  
 d. gre : verde oscuro △ : poco  
 fi-g : grano fino • : raro  
 Slt : limolita  
 ar : arcosa  
 Ss : arenisca

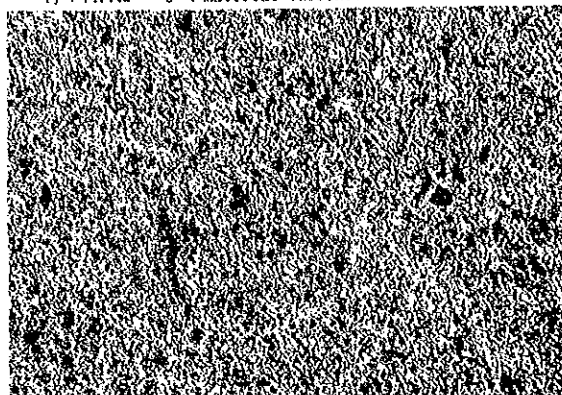


付録一 3 地表及び坑内調査岩石薄片顕微鏡写真

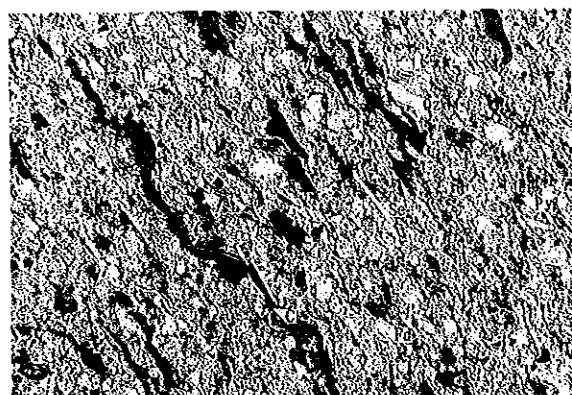
Qz : Cuarzo  
 Se : Sericita Fd : Feldespato Kf : Feldespato de potasio  
 Py : Pirita C : Material carbónico To : Tormalina



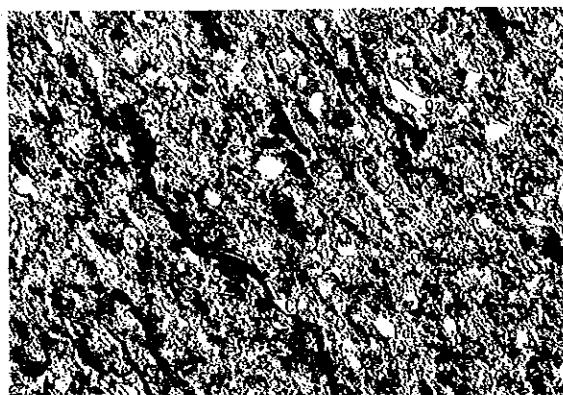
Muestra : MXT-06 Nicol abierto 0 0.1mm  
 Localidad : Ni325  
 Roca : Lutita negra



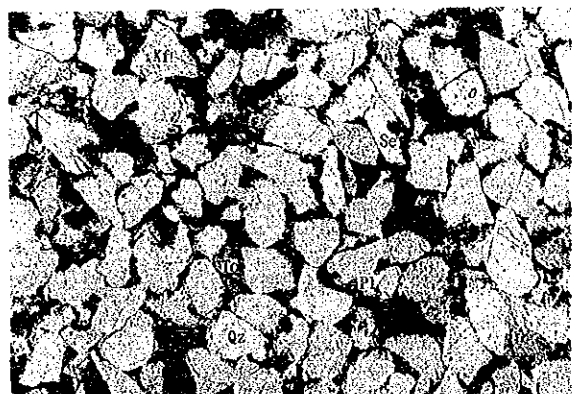
Nicol cruzado 0 0.1mm



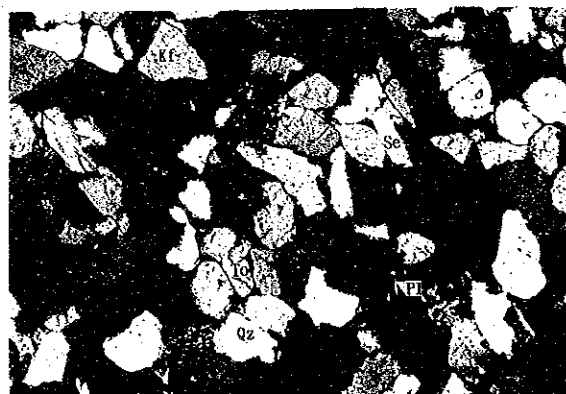
Muestra : MXT-48 Nicol abierto 0 0.1mm  
 Localidad : Ni365  
 Roca : Limo negra



Nicol cruzado 0 0.1mm



Muestra : ST-06 Nicol abierto 0 0.1mm  
 Localidad : Noreste de Cerro Chana Kochi  
 Roca : Arenisca fina



Nicol cruzado 0 0.1mm



付録一 4 地表及び坑内調査鉱石研磨片顕微鏡観察結果一覧表

| Nr | Ubicación      | Número de muestra | Mineral de mena |    |    |    |    |    |    |    |    |    | MG             |
|----|----------------|-------------------|-----------------|----|----|----|----|----|----|----|----|----|----------------|
|    |                |                   | Sp              | Ga | Pi | Po | Ap | Mc | Cs | Es | Fr | Cp |                |
| 1  | Ni 325         | MOT- 61           | ◎               |    | △  | ○  |    | △  | .  |    |    |    |                |
| 2  | Ni 365         | - 78              | ◎               |    | △  | .  | .  | △  |    | .  |    |    | △              |
| 3  | Ni 365         | - 93              | ○               |    | .  | ◎  | △  | △  | .  | .  |    |    | △              |
| 4  | Ni 365         | - 97              | △               | ◎  | △  | .  |    | ○  |    | .  | △  |    | △              |
| 5  | Ni 365         | -102              | ◎               |    |    | ◎  |    | .  | △  | .  |    |    | △              |
| 6  | Ni 325         | -103              | ○               | .  | ○  | ○  |    | ○  | △  | .  |    |    | △              |
| 7  | Ni 325         | -104              | ○               |    | ○  |    | .  | ○  | △  |    |    |    | △              |
| 8  | Ni 325         | -106              | ○               |    | △  | ◎  |    | .  |    | .  |    | △  | △              |
| 9  | Ni 325         | -107              | ◎               |    | △  | ○  | .  | .  | △  | .  |    |    | △              |
| 10 | Ni 325         | -108              | ◎               |    | △  | ○  | .  | △  | .  | .  |    |    | △              |
| 11 | Central        | OK- 01            | ◎               |    | ○  | .  |    | △  | .  |    |    |    | ○              |
| 12 | Central        | - 03              | ◎               |    | △  | ◎  |    | .  |    | .  |    |    | .              |
| 13 | Armas          | OT- 03            | ◎               |    | .  | △  |    | .  |    |    |    |    | ○              |
| 14 | Condor Konuna  | - 07              |                 |    |    |    |    |    |    |    |    |    | ※ <sub>1</sub> |
| 15 | Alto Colquiriy | - 08              |                 |    |    |    |    |    |    |    |    |    | ※ <sub>2</sub> |

Abreviaciones

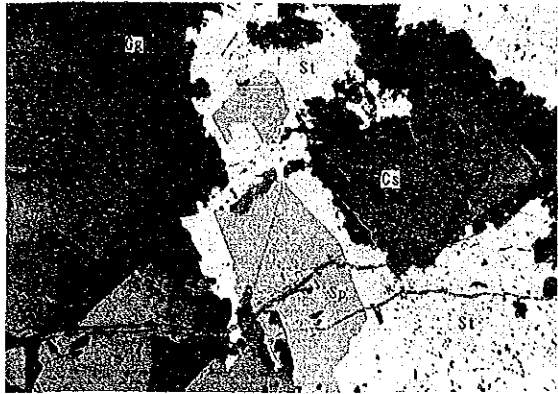
Sp : Esfalerita                      Si : silicato  
 Ga : Galena                          Fr : Frankeita  
 Pi : Pirita                            MG : Mineral de ganga  
 Po : Pirrotina  
 Ap : Arsenopirita  
 Mc : Marcasita                      ◎ : abundante  
 Cs : Casiterita                      ○ : mediano  
 Es : Estannina                      △ : poco  
 Cp : Calcopirita                    . : raro  
 ※<sub>1</sub> : hierro+manganita óxida o hidróxida  
 ※<sub>2</sub> : goethita



付録-5 地表及び坑内調査鉱石研磨片顕微鏡写真

Abreviaciones

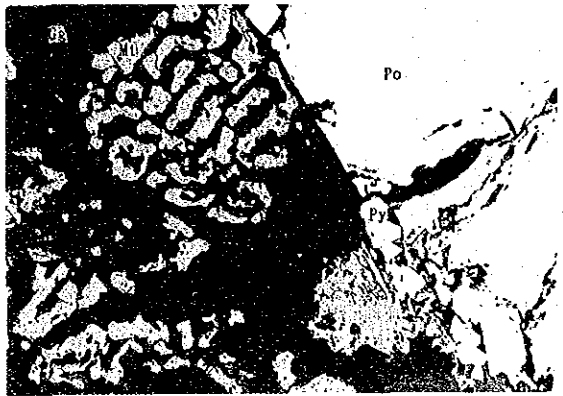
|                 |               |                    |                    |
|-----------------|---------------|--------------------|--------------------|
| Sp : Esfarelita | Po : Pirofina | Mt : Magnetita     | St : Estannita     |
| Cs : Casiterita | Qz : Cuarzo   | Aps : Arsenopirita | Gg : Mineral ganga |
| Py : Pirita     | C : Marcasita |                    |                    |



Muestra : MOT-93  
Localidad : Ni365



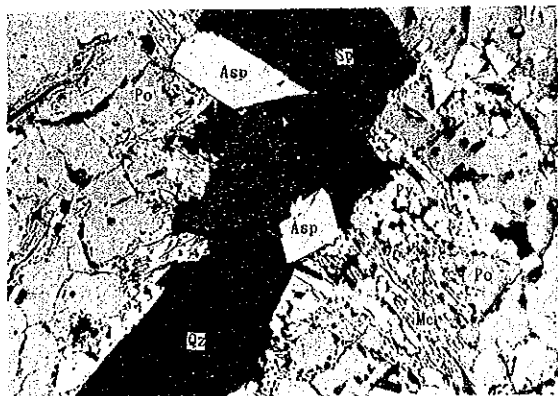
Muestra : MOT-61  
Localidad : Ni365



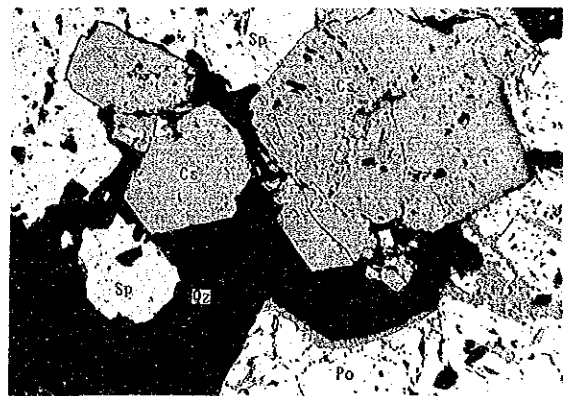
Muestra : MOT-106  
Localidad : Ni325



Muestra : MOT-103  
Localidad : Ni325



Muestra : MOT-108  
Localidad : Ni325



Muestra : MOT-107  
Localidad : Ni325





付録一 6 地表及び坑内調査X線回折試験結果一覽表

(1)

| Nr. | Número de muestra | Ubicación     | Mineral de arcilla |    |   | Mineral de silicato |   |  | Otros minerales |    |    |    |    |    |   |
|-----|-------------------|---------------|--------------------|----|---|---------------------|---|--|-----------------|----|----|----|----|----|---|
|     |                   |               | Ch                 | Se |   | Q                   |   |  | Ab              | Py | Go | Sd | Sp | Ho |   |
| 1   | XT - 1            | Central       |                    | .  |   | .                   |   |  | .               | .  | ⊙  |    |    |    |   |
| 2   | 2                 | Ocavi         |                    | .  |   | .                   |   |  |                 |    | ⊙  |    |    |    | ⊙ |
| 3   | 3                 | Unificada     |                    |    |   |                     |   |  | △               |    | ⊙  |    |    |    |   |
| 4   | 4                 | Central       |                    | ○  |   | △                   |   |  | .               |    |    |    |    |    |   |
| 5   | 5                 | Central       | .                  | .  |   | ⊙                   |   |  |                 |    |    |    |    |    |   |
| 6   | 6                 | Central       |                    | △  |   | ⊙                   |   |  |                 |    |    |    |    |    |   |
| 7   | 7                 | Central       |                    | .  |   | ⊙                   |   |  | .               |    |    |    |    |    |   |
| 8   | 8                 | Central       | △                  | ○  |   | ⊙                   |   |  | .               |    |    |    |    |    |   |
| 9   | 9                 | Central       | .                  | ⊙  |   | ○                   |   |  | △               |    |    | .  |    |    |   |
| 10  | XK - 1            | Alto Colquiri | .                  | ○  |   | ⊙                   |   |  | .               |    |    |    |    |    |   |
| 11  | MXT - 1           | Ni 325        | .                  | ○  |   | △                   |   |  | .               | .  |    | △  | .  |    |   |
| 12  | 2                 | Ni 325        |                    | ○  |   | ⊙                   |   |  | .               | .  |    | .  |    |    |   |
| 13  | 3                 | Ni 325        |                    |    |   | ⊙                   |   |  | .               | .  |    | ○  | △  |    |   |
| 14  | 4                 | Ni 325        |                    | ○  |   | △                   |   |  | .               | ⊙  |    | .  | △  |    |   |
| 15  | 5                 | Ni 325        | .                  | ⊙  |   | ○                   |   |  | .               |    |    | ⊙  | .  |    |   |
| 16  | 6                 | Ni 325        | .                  | ⊙  |   | ○                   |   |  | .               |    |    | △  |    |    |   |
| 17  | 7                 | Ni 325        |                    |    |   | △                   |   |  | ⊙               |    |    |    |    |    |   |
| 18  | 8                 | Ni 325        |                    | .  | ○ |                     | △ |  |                 |    | .  |    | .  | .  | . |
| 19  | 9                 | Ni 325        | ⊙                  | △  |   | △                   |   |  |                 |    | .  |    |    |    |   |
| 20  | 10                | Ni 325        | .                  | ○  |   | △                   |   |  |                 |    | .  |    |    |    |   |
| 21  | 11                | Ni 325        | △                  | ○  |   | △                   |   |  |                 |    | .  |    |    |    |   |
| 22  | 12                | Ni 325        | .                  | ○  |   | △                   |   |  |                 |    | .  | .  |    |    |   |
| 23  | 13                | Ni 325        | .                  | ○  |   | △                   |   |  |                 |    | .  | .  |    |    |   |
| 24  | 14                | Ni 325        | △                  | ○  |   | △                   |   |  | .               |    |    |    |    |    |   |
| 25  | 15                | Ni 325        | △                  | △  |   | △                   |   |  | .               |    |    | .  |    |    |   |
| 26  | 16                | Ni 325        |                    |    |   | △                   |   |  | ○               |    | .  | △  |    |    |   |
| 27  | 17                | Ni 325        | ○                  | ○  |   | △                   |   |  |                 |    |    |    |    |    |   |
| 28  | 18                | Ni 325        | △                  | ○  |   | △                   |   |  | .               |    | .  |    |    |    |   |
| 29  | 19                | Ni 325        | .                  | ○  |   | ○                   |   |  | .               |    | ○  |    |    |    |   |
| 30  | 20                | Ni 325        |                    | ⊙  |   | △                   |   |  | △               |    |    | .  |    |    |   |

(2)

| Nu | Número de muestra | Ubicación | Mineral de arcilla |    |  | Mineral de silicato |  |  | Otros minerales |    |    |    |    |     |
|----|-------------------|-----------|--------------------|----|--|---------------------|--|--|-----------------|----|----|----|----|-----|
|    |                   |           | Ch                 | Se |  | Q                   |  |  | Ab              | Py | Go | Sd | Sp | llo |
|    |                   |           |                    |    |  |                     |  |  |                 |    |    |    |    |     |
| 31 | MXT -21           | Ni 325    | •                  | ⊙  |  | △                   |  |  | •               |    |    | •  |    |     |
| 32 | 22                | Ni 325    |                    | ○  |  | △                   |  |  | •               |    |    |    |    |     |
| 33 | 23                | Ni 325    |                    | ○  |  | △                   |  |  | •               |    |    | •  |    |     |
| 34 | 24                | Ni 325    |                    | ⊙  |  | △                   |  |  | •               |    |    | •  |    |     |
| 35 | 25                | Ni 325    | ○                  | ⊙  |  | △                   |  |  |                 |    |    |    |    |     |
| 36 | 26                | Ni 325    | ○                  | ○  |  | △                   |  |  |                 |    |    |    | △  |     |
| 37 | 27                | Ni 325    | •                  | ○  |  | ○                   |  |  | •               |    |    | •  |    |     |
| 38 | 28                | Ni 325    |                    | △  |  | ⊙                   |  |  | •               |    |    | •  |    |     |
| 39 | 29                | Ni 325    | •                  | △  |  | ○                   |  |  | •               | •  |    |    |    |     |
| 40 | 30                | Ni 325    | ○                  | ○  |  | △                   |  |  | •               |    |    |    |    |     |
| 41 | 31                | Ni 325    | ○                  | ○  |  | △                   |  |  | •               |    |    |    |    |     |
| 42 | 32                | Ni 325    | •                  | ○  |  | ○                   |  |  | △               | •  |    |    | △  |     |
| 43 | 33                | Ni 325    | •                  | ○  |  | △                   |  |  | •               |    |    | •  | △  |     |
| 44 | 34                | Ni 325    | •                  | ○  |  | △                   |  |  | △               |    |    | •  |    |     |
| 45 | 35                | Ni 325    | •                  | ○  |  | △                   |  |  | •               | •  |    | ○  | •  |     |
| 46 | 36                | Ni 365    | •                  | ○  |  | △                   |  |  | •               | •  |    | △  | ⊙  |     |
| 47 | 37                | Ni 365    | ○                  | ○  |  | △                   |  |  | •               |    |    |    |    |     |
| 48 | 38                | Ni 365    |                    | ○  |  | △                   |  |  | •               |    |    | •  |    |     |
| 49 | 39                | Ni 365    | △                  |    |  | ○                   |  |  | ○               |    |    |    | •  |     |
| 50 | 40                | Ni 365    | ○                  | ○  |  | △                   |  |  |                 |    |    |    | •  |     |
| 51 | 41                | Ni 365    | •                  | •  |  | △                   |  |  | ⊙               |    |    | ○  | △  |     |
| 52 | 42                | Ni 365    |                    | ⊙  |  | △                   |  |  | △               |    |    | •  |    |     |
| 53 | 43                | Ni 365    | ⊙                  | ○  |  | △                   |  |  | •               |    |    |    |    |     |
| 54 | 44                | Ni 365    |                    |    |  | ⊙                   |  |  |                 |    |    |    |    |     |
| 55 | 45                | Ni 365    | ○                  | ○  |  | △                   |  |  | •               |    |    |    |    |     |
| 56 | 46                | Ni 365    | •                  | ○  |  | ○                   |  |  | •               |    |    |    |    |     |
| 57 | 47                | Ni 365    |                    | ○  |  | △                   |  |  | •               |    |    | △  |    |     |
| 58 | 48                | Ni 365    |                    | ○  |  | △                   |  |  | •               | •  |    | △  |    |     |
| 59 | 49                | Ni 365    |                    | ⊙  |  | △                   |  |  | △               |    |    | △  |    |     |
| 60 | 50                | Ni 365    | ○                  | ○  |  | △                   |  |  | •               |    |    |    |    |     |
| 61 | 51                | Ni 365    |                    | ⊙  |  | △                   |  |  | △               |    |    | •  |    |     |

付録一 7 地表調査鉱石成分化学分析結果一覽表

| Nr. | Número de muestra | Ubicación     | Sn (%) | Zn (%) | Pb (%) | Ag (g/t) | Au (g/t) |                |
|-----|-------------------|---------------|--------|--------|--------|----------|----------|----------------|
| 1   | OT-01             | Anita         | 0.33   | 1.16   | 0.30   | 16       | 0.0      | ※ <sub>1</sub> |
| 2   | 02                | Ocavi         | 0.24   | 0.66   | 0.25   | 24       | 0.0      | ※ <sub>1</sub> |
| 3   | 03                | Armas         | 6.33   | 3.11   | 0.05   | 28       | 1.0      | ※ <sub>2</sub> |
| 4   | 04                | Armas         | 1.08   | 23.07  | 0.05   | 48       | 1.0      | ※ <sub>2</sub> |
| 5   | 05                | Armas         | 0.24   | 32.70  | 0.03   | 20       | 0.0      | ※ <sub>2</sub> |
| 6   | 06                | Condor Kónuña | 0.16   | 5.51   | 0.03   | 40       | 0.0      | ※ <sub>2</sub> |
| 7   | 07                | Condor Kónuña | 0.16   | 4.48   | 0.16   | 64       | 0.0      | ※ <sub>2</sub> |
| 8   | 08                | Alto Colquiri | 0.16   | 0.49   | 0.21   | 8        | 0.0      | ※ <sub>1</sub> |
| 9   | OK-01             | Central       | 8.74   | 16.26  | 0.03   | 24       | 0.0      | ※ <sub>3</sub> |
| 10  | 02                | Central       | 6.00   | 14.27  | 0.05   | 50       | 0.0      | ※ <sub>4</sub> |
| 11  | 03                | Central       | 0.33   | 13.94  | 0.11   | 102      | 0.0      | ※ <sub>5</sub> |

Observación

- ※<sub>1</sub> : Afloramiento oxidado
- ※<sub>2</sub> : Mineral de zinc
- ※<sub>3</sub> : Sección Trinfo
- ※<sub>4</sub> : Entrada de Trinfo, mineral rodado
- ※<sub>5</sub> : Veta W=20 cm

付録一 8 坑内調査鉍石成分化学分析結果一覽表

(1)

| Nr | Número de muestra | Ubicación | Sn (%) | Zn (%) | Pb (%) | Ag (g/t) | Au (g/t) |
|----|-------------------|-----------|--------|--------|--------|----------|----------|
| 1  | MOT-01            | Ni 325    | 6.66   | 4.98   | 0.37   | 52       | 0.0      |
| 2  | 02                | Ni 325    | 16.91  | 6.30   | 0.08   | 56       | 0.0      |
| 3  | 03                | Ni 325    | 0.25   | 0.66   | 0.04   | 8        | 0.0      |
| 4  | 04                | Ni 325    | 0.33   | 10.29  | 0.05   | 28       | 0.0      |
| 5  | 05                | Ni 325    | 0.75   | 10.79  | 0.07   | 44       | 0.0      |
| 6  | 06                | Ni 325    | 0.92   | 31.37  | 0.08   | 48       | 0.0      |
| 7  | 07                | Ni 325    | 1.17   | 36.52  | 0.85   | 84       | 0.0      |
| 8  | 08                | Ni 325    | 0.42   | 7.30   | 0.87   | 29       | 0.0      |
| 9  | 09                | Ni 325    | 2.08   | 22.07  | 0.03   | 24       | 0.0      |
| 10 | 10                | Ni 325    | 3.41   | 34.59  | 0.04   | 60       | 0.0      |
| 11 | 11                | Ni 325    | 1.66   | 1.57   | 0.01   | 5        | 0.0      |
| 12 | 12                | Ni 325    | 0.24   | 4.81   | 0.01   | 12       | 0.0      |
| 13 | 13                | Ni 325    | 8.99   | 7.96   | 0.01   | 9        | 0.0      |
| 14 | 14                | Ni 325    | 0.33   | 14.77  | 0.09   | 20       | 0.0      |
| 15 | 15                | Ni 325    | 0.33   | 7.13   | 0.04   | 32       | 0.0      |
| 16 | 16                | Ni 325    | 0.24   | 5.47   | 0.03   | 8        | 0.0      |
| 17 | 17                | Ni 325    | 1.58   | 31.37  | 0.02   | 36       | 0.0      |
| 18 | 18                | Ni 325    | 0.52   | 1.32   | 0.02   | 5        | 0.0      |
| 19 | 19                | Ni 325    | 0.41   | 17.09  | 0.04   | 108      | 0.0      |
| 20 | 20                | Ni 325    | 0.41   | 12.45  | 0.02   | 50       | 0.0      |
| 21 | 21                | Ni 325    | 0.41   | 3.81   | 0.02   | 28       | 0.0      |
| 22 | 22                | Ni 325    | 0.41   | 19.42  | 0.02   | 32       | 0.0      |
| 23 | 23                | Ni 325    | 1.66   | 27.22  | 0.05   | 192      | 0.0      |
| 24 | 24                | Ni 325    | 1.91   | 28.22  | 0.14   | 93       | 0.0      |
| 25 | 25                | Ni 325    | 1.33   | 14.77  | 0.10   | 44       | 0.0      |
| 26 | 26                | Ni 325    | 6.08   | 29.54  | 0.18   | 36       | 0.0      |
| 27 | 27                | Ni 325    | 10.32  | 26.39  | 0.02   | 40       | 0.0      |
| 28 | 28                | Ni 325    | 1.66   | 14.11  | 0.03   | 38       | 0.0      |
| 29 | 29                | Ni 325    | 1.41   | 5.47   | 0.26   | 84       | 0.0      |
| 30 | 30                | Ni 325    | 4.08   | 12.11  | 1.18   | 915      | 0.0      |

(2)

| Nr | número de muestra | Ubicación | Sn (%) | Zn (%) | Pb (%) | Ag (g/t) | Au (g/t) |
|----|-------------------|-----------|--------|--------|--------|----------|----------|
| 31 | MOT-31            | Ni 325    | 0.99   | 16.60  | 0.03   | 88       | 0.0      |
| 32 | 32                | Ni 325    | 0.33   | 11.95  | 0.02   | 46       | 0.0      |
| 33 | 33                | Ni 325    | 1.42   | 16.60  | 0.01   | 76       | 0.0      |
| 34 | 34                | Ni 325    | 2.66   | 11.62  | 0.06   | 78       | 0.0      |
| 35 | 35                | Ni 325    | 1.33   | 7.30   | 0.05   | 54       | 0.0      |
| 36 | 36                | Ni 325    | 0.58   | 20.41  | 0.14   | 104      | 0.0      |
| 37 | 37                | Ni 325    | 7.58   | 24.90  | 0.02   | 62       | 0.0      |
| 38 | 38                | Ni 325    | 2.41   | 18.42  | 0.03   | 106      | 0.0      |
| 39 | 39                | Ni 325    | 2.83   | 16.10  | 0.01   | 50       | 0.0      |
| 40 | 40                | Ni 325    | 0.49   | 18.43  | 0.64   | 152      | 0.0      |
| 41 | 41                | Ni 325    | 0.16   | 2.65   | 0.02   | 10       | 0.0      |
| 42 | 42                | Ni 325    | 14.49  | 26.22  | 0.05   | 48       | 0.0      |
| 43 | 43                | Ni 325    | 0.33   | 5.47   | 7.02   | 38       | 0.0      |
| 44 | 44                | Ni 325    | 0.25   | 10.45  | 0.05   | 34       | 0.0      |
| 45 | 45                | Ni 325    | 0.99   | 17.26  | 0.04   | 58       | 0.0      |
| 46 | 46                | Ni 325    | 0.33   | 38.51  | 0.15   | 98       | 0.0      |
| 47 | 47                | Ni 325    | 0.33   | 30.87  | 0.02   | 38       | 0.0      |
| 48 | 48                | Ni 325    | 13.82  | 3.65   | 0.02   | 12       | 0.0      |
| 49 | 49                | Ni 325    | 1.33   | 12.11  | 0.12   | 36       | 0.0      |
| 50 | 50                | Ni 325    | 2.49   | 16.60  | 0.02   | 80       | 0.0      |
| 51 | 51                | Ni 325    | 3.66   | 10.45  | 0.11   | 72       | 0.0      |
| 52 | 52                | Ni 325    | 0.41   | 13.44  | 0.08   | 168      | 0.0      |
| 53 | 53                | Ni 325    | 0.33   | 16.93  | 0.05   | 78       | 0.0      |
| 54 | 54                | Ni 325    | 0.33   | 26.56  | 0.42   | 98       | 0.0      |
| 55 | 55                | Ni 325    | 0.66   | 2.65   | 0.19   | 18       | 0.0      |
| 56 | 56                | Ni 325    | 22.74  | 1.99   | 0.16   | 58       | 0.0      |
| 57 | 57                | Ni 325    | 1.66   | 3.32   | 4.18   | 920      | 0.0      |
| 58 | 58                | Ni 325    | 0.24   | 36.02  | 0.02   | 60       | 0.0      |
| 59 | 59                | Ni 325    | 0.49   | 8.96   | 0.21   | 22       | 0.0      |
| 60 | 60                | Ni 325    | 0.25   | 1.32   | 1.59   | 456      | 0.0      |

(3)

| Nr | Número de muestra | Ubicación | Sn (%) | Zn (%) | Pb (%) | Ag (g/t) | Au (g/t) |
|----|-------------------|-----------|--------|--------|--------|----------|----------|
| 61 | MOT-61            | Ni 325    | 0.50   | 20.41  | 0.02   | 26       | 0.0      |
| 62 | 62                | Ni 325    | 0.42   | 18.59  | 0.09   | 68       | 0.0      |
| 63 | 63                | Ni 325    | 0.25   | 36.18  | 0.03   | 22       | 0.0      |
| 64 | 64                | Ni 325    | 0.74   | 18.09  | 0.06   | 90       | 0.0      |
| 65 | 65                | Ni 325    | 1.08   | 4.31   | 0.11   | 16       | 0.0      |
| 66 | 66                | Ni 325    | 1.83   | 18.59  | 0.57   | 54       | 0.0      |
| 67 | 67                | Ni 325    | 7.99   | 18.09  | 0.19   | 16       | 0.0      |
| 68 | 68                | Ni 365    | 0.83   | 38.51  | 0.02   | 184      | 0.0      |
| 69 | 69                | Ni 365    | 9.82   | 5.22   | 0.03   | 32       | 0.0      |
| 70 | 70                | Ni 365    | 0.33   | 11.28  | 0.03   | 20       | 2.0      |
| 71 | 71                | Ni 365    | 0.33   | 10.12  | 0.02   | 22       | 0.0      |
| 72 | 72                | Ni 365    | 0.74   | 8.96   | 0.03   | 30       | 0.0      |
| 73 | 73                | Ni 365    | 3.58   | 21.58  | 0.07   | 21       | 0.0      |
| 74 | 74                | Ni 365    | 1.42   | 6.14   | 0.03   | 64       | 0.0      |
| 75 | 75                | Ni 365    | 0.49   | 9.62   | 0.02   | 12       | 0.0      |
| 76 | 76                | Ni 365    | 0.41   | 14.60  | 0.02   | 46       | 0.0      |
| 77 | 77                | Ni 365    | 0.91   | 3.98   | 0.09   | 30       | 0.0      |
| 78 | 78                | Ni 365    | 0.49   | 38.18  | 0.02   | 66       | 0.0      |
| 79 | 79                | Ni 365    | 0.50   | 13.44  | 0.03   | 76       | 0.0      |
| 80 | 80                | Ni 365    | 0.41   | 25.23  | 0.02   | 44       | 0.0      |
| 81 | 81                | Ni 365    | 0.24   | 15.27  | 0.03   | 68       | 0.0      |
| 82 | 82                | Ni 365    | 0.99   | 25.56  | 0.03   | 104      | 0.0      |
| 83 | 83                | Ni 365    | 2.41   | 29.38  | 0.06   | 100      | 0.0      |
| 84 | 84                | Ni 365    | 7.33   | 12.65  | 0.05   | 40       | 0.0      |
| 85 | 85                | Ni 365    | 1.99   | 21.91  | 0.28   | 156      | 0.0      |
| 86 | 86                | Ni 365    | 3.24   | 24.90  | 0.17   | 101      | 0.0      |
| 87 | 87                | Ni 365    | 7.83   | 9.13   | 2.46   | 224      | 0.0      |
| 88 | 88                | Ni 365    | 1.83   | 26.72  | 0.07   | 110      | 0.0      |
| 89 | 89                | Ni 365    | 1.66   | 27.97  | 0.05   | 62       | 0.0      |
| 90 | 90                | Ni 365    | 0.33   | 13.44  | 0.04   | 38       | 0.0      |

(4)

| Nr  | Número de muestra | Ubicación | Sn (%) | Zn (%) | Pb (%) | Ag (g/t) | Au (g/t) |
|-----|-------------------|-----------|--------|--------|--------|----------|----------|
| 91  | MOT-91            | Ni 365    | 1.67   | 12.94  | 0.05   | 52       | 0.0      |
| 92  | 92                | Ni 365    | 1.00   | 6.22   | 1.27   | 146      | 0.0      |
| 93  | 93                | Ni 365    | 1.66   | 10.79  | 0.06   | 64       | 0.0      |
| 94  | 94                | Ni 365    | 0.67   | 28.73  | 0.06   | 88       | 0.0      |
| 95  | 95                | Ni 365    | 0.16   | 15.18  | 0.07   | 54       | 0.0      |
| 96  | 96                | Ni 365    | 1.67   | 18.09  | 0.03   | 62       | 0.0      |
| 97  | 97                | Ni 365    | 1.25   | 2.32   | 44.12  | 2060.    | 0.0      |
| 98  | 98                | Ni 365    | 2.49   | 13.77  | 0.06   | 24       | 0.0      |
| 99  | 90                | Ni 365    | 0.25   | 19.58  | 0.12   | 56       | 0.0      |
| 100 | 100               | Ni 365    | 1.24   | 4.98   | 0.04   | 22       | 0.0      |
| 101 | 101               | Ni 365    | 1.58   | 11.62  | 0.14   | 55       | 0.0      |



付録一 9 坑内調査鉱石 E P M A 試験結果一覽表

(1)

| No.      | 1          |              | 2          |            | 3          |            | 4          |            | 5          |            | 6          |            | 7          |            |
|----------|------------|--------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
|          | MOT61      |              | MOT61      |            | MOT61      |            | MOT78      |            | MOT78      |            | MOT78      |            | MOT93      |            |
| Mineral  | Esfalerita | Arsenopirita | Esfalerita | Esfalerita | Esfalerita | Esfalerita | Esfalerita | Esfalerita | Esfalerita | Esfalerita | Esfalerita | Esfalerita | Esfalerita | Esfalerita |
| Cu wt. % | 0.112      | 0.108        | 0.000      | 0.019      | 0.008      | 0.000      | 28.789     | 28.475     | 28.172     | 28.956     | 0.027      | 28.859     | 28.990     |            |
| Ag       | 0.000      | 0.000        | 0.000      | 0.000      | 0.000      | 0.000      | 0.427      | 0.717      | 0.689      | 0.471      | 0.000      | 0.454      | 0.825      |            |
| Au       | 0.201      | 0.180        | 0.006      | 0.150      | 0.003      | 0.092      | 0.015      | 0.000      | 0.024      | 0.012      | 0.139      | 0.000      | 0.013      |            |
| Fe       | 13.437     | 13.252       | 34.484     | 14.971     | 13.147     | 12.915     | 13.241     | 13.779     | 13.085     | 12.907     | 13.766     | 13.677     | 13.509     |            |
| Zn       | 53.169     | 52.809       | 0.488      | 51.521     | 53.533     | 53.954     | 1.510      | 1.541      | 3.376      | 1.990      | 52.452     | 1.486      | 0.980      |            |
| Mn       | 0.029      | 0.050        | 0.001      | 0.020      | 0.013      | 0.009      | 0.000      | 0.000      | 0.012      | 0.000      | 0.007      | 0.000      | 0.005      |            |
| Cd       | 0.174      | 0.203        | 0.000      | 0.140      | 0.208      | 0.179      | 0.000      | 0.000      | 0.000      | 0.000      | 0.236      | 0.000      | 0.000      |            |
| Te       | 0.007      | 0.000        | 0.000      | 0.044      | 0.000      | 0.000      | 0.000      | 0.000      | 0.000      | 0.000      | 0.000      | 0.000      | 0.000      |            |
| As       | 0.002      | 0.000        | 44.888     | 0.000      | 0.044      | 0.039      | 0.010      | 0.007      | 0.000      | 0.000      | 0.000      | 0.000      | 0.003      |            |
| Sb       | 0.014      | 0.000        | 0.062      | 0.000      | 0.000      | 0.000      | 0.000      | 0.000      | 0.000      | 0.000      | 0.000      | 0.000      | 0.000      |            |
| Bi       | 0.010      | 0.000        | 0.000      | 0.000      | 0.000      | 0.011      | 0.033      | 0.000      | 0.043      | 0.000      | 0.035      | 0.000      | 0.108      |            |
| Sn       | 0.081      | 0.046        | 0.000      | 0.029      | 0.000      | 0.000      | 26.855     | 26.522     | 25.628     | 26.310     | 0.018      | 25.915     | 26.246     |            |
| S        | 32.495     | 32.413       | 19.749     | 32.786     | 33.810     | 33.409     | 29.952     | 29.929     | 29.489     | 29.313     | 32.919     | 29.328     | 29.354     |            |
| Se       | 0.000      | 0.016        | 0.000      | 0.027      | 0.006      | 0.000      | 0.000      | 0.027      | 0.029      | 0.055      | 0.000      | 0.016      | 0.060      |            |
| Co       | 0.022      | 0.005        | 0.588      | 0.004      | 0.025      | 0.012      | 0.011      | 0.015      | 0.016      | 0.000      | 0.009      | 0.021      | 0.015      |            |
| Ni       | 0.001      | 0.000        | 0.006      | 0.007      | 0.004      | 0.004      | 0.002      | 0.000      | 0.001      | 0.000      | 0.000      | 0.002      | 0.000      |            |
| In       | 0.000      | 0.000        | 0.000      | 0.007      | 0.000      | 0.015      | 0.000      | 0.000      | 0.000      | 0.000      | 0.000      | 0.000      | 0.000      |            |
| Total    | 99.754     | 99.982       | 100.272    | 99.725     | 100.801    | 100.639    | 100.845    | 101.012    | 100.564    | 100.014    | 99.608     | 99.758     | 100.108    |            |

| No.      | 8         |        | 9          |        | 10        |         | 11         |        | 12         |        | 13        |        | 14        |         |
|----------|-----------|--------|------------|--------|-----------|---------|------------|--------|------------|--------|-----------|--------|-----------|---------|
|          | MOT97     |        | MOT102     |        | MOT102    |         | MOT103     |        | MOT104     |        | MOT106    |        | MOT107    |         |
| Mineral  | Estannita |        | Esfalerita |        | Estannita |         | Esfalerita |        | Esfalerita |        | Estannita |        | Estannita |         |
| Cu wt. % | 29.291    | 28.278 | 0.000      | 0.000  | 27.765    | 29.195  | 0.016      | 0.043  | 0.000      | 0.003  | 28.609    | 29.510 | 29.609    | 29.775  |
| Ag       | 0.396     | 1.498  | 0.000      | 0.000  | 0.321     | 0.319   | 0.000      | 0.000  | 0.000      | 0.000  | 0.034     | 0.026  | 0.112     | 0.096   |
| Au       | 0.000     | 0.000  | 0.233      | 0.164  | 0.000     | 0.010   | 0.183      | 0.101  | 0.025      | 0.136  | 0.040     | 0.000  | 0.000     | 0.009   |
| Fe       | 13.022    | 12.834 | 14.038     | 14.350 | 13.136    | 12.820  | 14.857     | 14.539 | 14.325     | 14.135 | 13.817    | 14.141 | 12.203    | 12.395  |
| Zn       | 1.294     | 1.887  | 51.322     | 51.236 | 3.995     | 1.626   | 50.634     | 51.276 | 51.531     | 51.674 | 3.131     | 1.223  | 2.145     | 2.391   |
| Mn       | 0.004     | 0.010  | 0.028      | 0.040  | 0.000     | 0.000   | 0.050      | 0.043  | 0.035      | 0.029  | 0.021     | 0.001  | 0.000     | 0.000   |
| Cd       | 0.000     | 0.000  | 0.213      | 0.222  | 0.000     | 0.000   | 0.127      | 0.174  | 0.236      | 0.225  | 0.000     | 0.000  | 0.000     | 0.000   |
| Te       | 0.000     | 0.000  | 0.000      | 0.000  | 0.000     | 0.000   | 0.001      | 0.000  | 0.013      | 0.005  | 0.000     | 0.000  | 0.000     | 0.000   |
| As       | 0.027     | 0.009  | 0.033      | 0.000  | 0.016     | 0.000   | 0.000      | 0.036  | 0.008      | 0.007  | 0.028     | 0.023  | 0.030     | 0.000   |
| Sb       | 0.000     | 0.000  | 0.000      | 0.000  | 0.000     | 0.000   | 0.000      | 0.001  | 0.003      | 0.000  | 0.000     | 0.000  | 0.000     | 0.000   |
| Bi       | 0.028     | 0.000  | 0.000      | 0.076  | 0.076     | 0.000   | 0.000      | 0.000  | 0.077      | 0.005  | 0.041     | 0.078  | 0.075     | 0.000   |
| Sn       | 26.697    | 26.290 | 0.003      | 0.000  | 25.294    | 26.781  | 0.006      | 0.000  | 0.000      | 0.000  | 24.929    | 25.102 | 27.110    | 26.805  |
| S        | 28.997    | 28.863 | 33.236     | 33.234 | 29.863    | 29.649  | 32.324     | 32.711 | 33.114     | 33.056 | 29.731    | 29.715 | 29.410    | 29.398  |
| Se       | 0.000     | 0.000  | 0.000      | 0.060  | 0.000     | 0.002   | 0.025      | 0.000  | 0.046      | 0.000  | 0.052     | 0.036  | 0.026     | 0.011   |
| Co       | 0.020     | 0.017  | 0.018      | 0.015  | 0.000     | 0.011   | 0.009      | 0.012  | 0.022      | 0.018  | 0.008     | 0.035  | 0.006     | 0.009   |
| Ni       | 0.000     | 0.000  | 0.003      | 0.000  | 0.000     | 0.000   | 0.000      | 0.000  | 0.005      | 0.000  | 0.004     | 0.000  | 0.000     | 0.008   |
| In       | 0.000     | 0.000  | 0.000      | 0.031  | 0.000     | 0.000   | 0.000      | 0.000  | 0.026      | 0.024  | 0.000     | 0.000  | 0.000     | 0.000   |
| Total    | 99.776    | 99.686 | 99.127     | 99.428 | 100.466   | 100.413 | 98.232     | 98.936 | 99.466     | 99.317 | 100.445   | 99.890 | 100.726   | 100.897 |

(3)

| No.      | 15         | 16     | 17         | 18      | 19       | 20         | 21        |            |            |            |         |         |         |
|----------|------------|--------|------------|---------|----------|------------|-----------|------------|------------|------------|---------|---------|---------|
| Muestra  | MOT107     |        | MOT108     |         | OK01     | OK01       | OK03      | OK03       | OK03       | OT03       |         |         |         |
| Mineral  | Esfalerita |        | Esfalerita |         | Pirotina | Esfalerita | Estannita | Esfalerita | Esfalerita | Esfalerita |         |         |         |
| Cu wt. % | 0.011      | 0.008  | 0.091      | 0.000   | 0.010    | 0.007      | 0.036     | 0.011      | 28.324     | 28.459     | 0.032   | 0.000   | 0.304   |
| Ag       | 0.000      | 0.000  | 0.000      | 0.000   | 0.070    | 0.003      | 0.000     | 0.000      | 0.564      | 0.458      | 0.000   | 0.000   | 0.000   |
| Au       | 0.160      | 0.131  | 0.113      | 0.029   | 0.005    | 0.000      | 0.025     | 0.038      | 0.055      | 0.025      | 0.066   | 0.055   | 0.047   |
| Fe       | 15.024     | 15.262 | 15.024     | 13.906  | 59.545   | 59.343     | 15.599    | 15.761     | 14.159     | 14.363     | 13.119  | 13.004  | 15.147  |
| Zn       | 50.724     | 50.750 | 50.946     | 52.668  | 0.000    | 0.012      | 50.986    | 51.055     | 1.521      | 1.533      | 53.957  | 53.978  | 50.457  |
| Mn       | 0.036      | 0.033  | 0.038      | 0.025   | 0.001    | 0.000      | 0.000     | 0.028      | 0.000      | 0.001      | 0.042   | 0.045   | 0.041   |
| Cd       | 0.195      | 0.249  | 0.219      | 0.223   | 0.000    | 0.024      | 0.177     | 0.181      | 0.000      | 0.000      | 0.178   | 0.186   | 0.273   |
| Te       | 0.004      | 0.000  | 0.012      | 0.000   | 0.000    | 0.000      | 0.000     | 0.000      | 0.000      | 0.000      | 0.000   | 0.000   | 0.000   |
| As       | 0.003      | 0.018  | 0.019      | 0.013   | 0.000    | 0.000      | 0.015     | 0.000      | 0.016      | 0.000      | 0.000   | 0.000   | 0.009   |
| Sb       | 0.000      | 0.009  | 0.000      | 0.000   | 0.000    | 0.000      | 0.001     | 0.004      | 0.000      | 0.000      | 0.000   | 0.000   | 0.000   |
| Bi       | 0.199      | 0.000  | 0.000      | 0.001   | 0.077    | 0.089      | 0.012     | 0.056      | 0.000      | 0.011      | 0.000   | 0.060   | 0.000   |
| Sn       | 0.000      | 0.000  | 0.000      | 0.000   | 0.000    | 0.001      | 0.000     | 0.000      | 26.313     | 26.087     | 0.009   | 0.035   | 0.237   |
| S        | 33.089     | 33.223 | 33.110     | 32.910  | 39.304   | 39.300     | 33.723    | 33.977     | 30.237     | 30.073     | 33.633  | 33.692  | 33.760  |
| Se       | 0.000      | 0.000  | 0.000      | 0.015   | 0.050    | 0.000      | 0.000     | 0.000      | 0.006      | 0.072      | 0.009   | 0.013   | 0.033   |
| Co       | 0.000      | 0.000  | 0.023      | 0.009   | 0.067    | 0.069      | 0.022     | 0.026      | 0.002      | 0.007      | 0.007   | 0.007   | 0.032   |
| Ni       | 0.000      | 0.000  | 0.000      | 0.019   | 0.000    | 0.000      | 0.006     | 0.000      | 0.000      | 0.000      | 0.011   | 0.012   | 0.000   |
| In       | 0.015      | 0.033  | 0.009      | 0.001   | 0.000    | 0.000      | 0.000     | 0.000      | 0.000      | 0.000      | 0.008   | 0.000   | 0.000   |
| Total    | 99.460     | 99.716 | 99.604     | 100.868 | 99.819   | 98.848     | 100.602   | 101.137    | 101.197    | 101.089    | 101.071 | 101.087 | 100.340 |

(4)

| No.     | 22         | 23         | 24         | 25         | 26         | 27         | 28        |
|---------|------------|------------|------------|------------|------------|------------|-----------|
| Muestra | MOT61      | MOT93      | MOT102     | MOT103     | MOT103     | MOT104     | MOT106    |
| Mineral | Casiterita | Casiterita | Casiterita | Casiterita | Casiterita | Casiterita | Magnetita |
| TiO2    | 0.000      | 0.065      | 0.000      | 0.000      | 0.000      | 0.000      | 0.000     |
| Al2O3   | 0.016      | 0.257      | 0.056      | 0.071      | 0.094      | 0.047      | 0.000     |
| V2O3    | 0.002      | 0.000      | 0.000      | 0.003      | 0.006      | 0.000      | 0.000     |
| FeO     | 0.172      | 0.271      | 0.027      | 0.152      | 0.242      | 0.512      | 91.228    |
| MnO     | 0.008      | 0.012      | 0.000      | 0.000      | 0.000      | 0.000      | 0.164     |
| MgO     | 0.306      | 0.222      | 0.257      | 0.230      | 0.239      | 0.253      | 0.000     |
| Cr2O3   | 0.017      | 0.015      | 0.000      | 0.000      | 0.011      | 0.000      | 0.000     |
| SnO2    | 100.285    | 98.148     | 101.878    | 101.303    | 101.473    | 101.366    | 0.000     |
| ZnO     | 0.160      | 0.000      | 0.075      | 0.236      | 0.110      | 0.159      | 0.012     |
| total   | 100.967    | 98.989     | 102.293    | 101.995    | 102.175    | 102.337    | 91.405    |
|         |            |            |            |            |            |            | 91.762    |

(5)

| No.     | 29         | 30         |
|---------|------------|------------|
| Muestra | MOT107     | MOT108     |
| Mineral | Casiterita | Casiterita |
| TiO2    | 0.000      | 0.049      |
| Al2O3   | 0.069      | 0.014      |
| V2O3    | 0.000      | 0.000      |
| FeO     | 0.540      | 0.070      |
| MnO     | 0.000      | 0.003      |
| MgO     | 0.306      | 0.288      |
| Cr2O3   | 0.017      | 0.000      |
| SnO2    | 101.088    | 100.936    |
| ZnO     | 0.000      | 0.335      |
| total   | 102.020    | 101.695    |

| No.      | 31        |
|----------|-----------|
| Muestra  | MOT97     |
| Mineral  | Frankeita |
| Cu wt. % | 0.006     |
| Ag       | 0.181     |
| In       | 0.000     |
| Fe       | 2.610     |
| Zn       | 0.006     |
| Mn       | 0.010     |
| Cd       | 0.087     |
| Pb       | 55.005    |
| Sn       | 11.579    |
| Sb       | 10.571    |
| Bi       | 0.000     |
| S        | 20.568    |
| Se       | 0.055     |
| total    | 100.678   |

付録-10 ボーリング鉱石成分化学分析一覧表 (第1年次)

| No. | Numero de Muestra | Taladra | Profundidad     | Ancho cortado (m) | Sn (%) | Zn (%) | Pb (%) | Ag (g/t) | Au (g/t) |
|-----|-------------------|---------|-----------------|-------------------|--------|--------|--------|----------|----------|
| 1   | BQ- 1             | MJBC-1  | 92.85 ~ 94.96   | 2.11              | 0.16   | 1.60   | 0.48   | 144.0    | 0.00     |
| 2   | BQ- 2             | "       | 127.13 ~ 127.45 | 0.32              | 0.12   | 0.15   | 0.03   | 0.0      | 0.00     |
| 3   | BQ- 3             | "       | 128.13 ~ 128.56 | 0.43              | 0.16   | 0.59   | 0.08   | 32.0     | 0.00     |
| 4   | BQ- 4             | "       | 133.26 ~ 133.56 | 0.30              | 0.16   | 2.58   | 0.04   | 16.0     | 0.00     |
| 5   | BQ- 5             | "       | 134.21 ~ 135.09 | 0.88              | 0.12   | 6.77   | 0.48   | 116.0    | 0.00     |
| 6   | BQ- 6             | MJBC-2  | 214.15 ~ 214.42 | 0.27              | 0.08   | 21.91  | 0.23   | 104.0    | 0.00     |
| 7   | BQ- 7             | "       | 214.42 ~ 214.50 | 0.08              | 0.16   | 14.54  | 0.26   | 176.0    | 0.00     |
| 8   | BQ- 8             | MJBC-3  | 103.18 ~ 103.28 | 0.08              | 0.12   | 3.98   | 0.33   | 0.0      | 0.00     |
| 9   | BQ- 9             | "       | 112.54 ~ 112.61 | 0.07              | 0.24   | 3.18   | 0.48   | 24.0     | 0.00     |
| 10  | BQ- 10            | "       | 131.54 ~ 131.59 | 0.05              | 0.20   | 0.69   | 0.04   | 0.0      | 0.00     |
| 11  | BQ- 11            | "       | 182.71 ~ 182.76 | 0.05              | 0.24   | 10.95  | 0.08   | 28.0     | 0.00     |
| 12  | BQ- 12            | "       | 190.39 ~ 190.44 | 0.05              | 1.68   | 4.88   | 0.04   | 24.0     | 0.00     |
| 13  | BQ- 13            | "       | 243.62 ~ 243.82 | 0.20              | 1.20   | 5.97   | 2.20   | 108.0    | 0.00     |
| 14  | BQ- 14            | "       | 455.19 ~ 455.26 | 0.07              | 1.68   | 25.39  | 0.27   | 104.0    | 0.00     |
| 15  | BQ- 15            | "       | 481.59 ~ 481.83 | 0.24              | 3.94   | 13.44  | 0.06   | 20.0     | 0.00     |
| 16  | BQ- 16            | MJBC-4  | 93.25 ~ 93.35   | 0.10              | 0.03   | 8.54   | 0.02   | 57.4     | <0.01    |
| 17  | BQ- 17            | "       | 121.16 ~ 121.28 | 0.12              | 0.10   | 4.82   | 0.01   | 46.0     | <0.01    |
| 18  | BQ- 18            | "       | 144.07 ~ 144.15 | 0.08              | 0.02   | 0.14   | <0.01  | 13.4     | <0.01    |
| 19  | BQ- 19            | "       | 168.71 ~ 168.91 | 0.20              | 0.03   | 4.10   | 0.12   | 19.3     | <0.01    |
| 20  | BQ- 20            | "       | 176.39 ~ 176.51 | 0.12              | 0.06   | 23.54  | <0.01  | 33.7     | <0.01    |
| 21  | BQ- 21            | "       | 200.84 ~ 201.04 | 0.20              | 0.09   | 21.99  | <0.01  | 105.0    | 0.01     |
| 22  | BQ- 22            | "       | 230.87 ~ 231.02 | 0.20              | 0.02   | 10.08  | <0.01  | 135.6    | <0.01    |
| 23  | BQ- 23            | "       | 319.50 ~ 319.80 | 0.08              | 0.07   | 27.73  | <0.01  | 36.6     | 0.01     |
| 24  | BQ- 24            | "       | 321.75 ~ 321.83 | 0.08              | 0.03   | 12.83  | <0.01  | 11.4     | 0.02     |
| 25  | BQ- 25            | "       | 376.70 ~ 376.85 | 0.15              | 0.01   | 28.54  | <0.01  | 20.8     | 0.02     |
| 26  | BQ- 26            | "       | 377.40 ~ 377.60 | 0.20              | 0.03   | 3.36   | 0.07   | 10.4     | 0.01     |
| 27  | BQ-201            | MJBC-6  | 386.35 ~ 386.84 | 0.49              | 0.02   | 4.02   | 0.24   | 38.1     | 0.04     |
| 28  | BQ-202            | "       | 386.98 ~ 387.06 | 0.08              | <0.01  | 0.65   | 0.07   | 18.8     | 0.03     |
| 29  | BQ-203            | MJBC-7  | 118.10 ~ 119.30 | 1.20              | <0.01  | 1.41   | 0.38   | 109.9    | 0.11     |
| 30  | BQ-204            | "       | 193.30 ~ 194.00 | 0.70              | 0.02   | 7.38   | 0.20   | 105.9    | 0.14     |
| 31  | BQ-205            | "       | 194.10 ~ 194.85 | 0.75              | 0.01   | 6.23   | 1.85   | 177.2    | 0.19     |

付録-11 ボーリング鉍石成分化学分析一覧表 (第2年次)

(1)

| No. | Numero de Muestra | Taladra | Profundidad     | Ancho cortado (m) | Sn (%) | Zn (%) | Pb (%) | Ag (g/t) | Nota |
|-----|-------------------|---------|-----------------|-------------------|--------|--------|--------|----------|------|
| 1   | Q-1               | MJBC-5  | 136.34 ~ 136.39 | 0.05              | 1.16   | 13.91  | 0.007  | 20.0     |      |
| 2   | Q-2               | "       | 142.60 ~ 142.63 | 0.03              | 1.49   | 9.53   | 0.006  | 95.0     |      |
| 3   | Q-3               | "       | 194.15 ~ 194.33 | 0.18              | 1.16   | 2.98   | 0.002  | 82.5     |      |
| 4   | Q-4               | "       | 197.94 ~ 198.03 | 0.09              | 5.64   | 8.94   | 0.19   | 70.0     |      |
| 5   | Q-5               | "       | 360.20 ~ 360.24 | 0.04              | 1.32   | 26.28  | 0.020  | 185.0    |      |
| 6   | Q-6               | "       | 163.41 ~ 163.44 | 0.03              | 0.85   | 14.80  | 0.16   | 92.0     |      |
| 7   | Q-7               | "       | 301.00 ~ 301.04 | 0.04              | 0.66   | 15.99  | 0.004  | 69.0     |      |
| 8   | Q-8               | MJBC-12 | 143.19 ~ 143.40 | 0.21              | 0.24   | 0.088  | 0.028  | 12.0     |      |
| 9   | Q-9               | "       | 143.40 ~ 143.66 | 0.26              | 0.16   | 0.048  | 0.005  | 0.1      |      |
| 10  | Q-10              | "       | 143.66 ~ 143.92 | 0.26              | 0.17   | 0.038  | 0.010  | 0.1      |      |
| 11  | Q-11              | "       | 143.92 ~ 144.25 | 0.33              | 0.16   | 0.12   | 0.020  | 0.1      |      |
| 12  | Q-12              | "       | 181.31 ~ 181.81 | 0.50              | 0.17   | 3.37   | 0.47   | 105.0    |      |
| 13  | Q-13              | "       | 231.33 ~ 231.74 | 0.41              | 0.16   | 4.18   | 3.49   | 1,245.0  |      |
| 14  | Q-14              | "       | 231.74 ~ 232.28 | 0.54              | 0.16   | 6.28   | 5.99   | 2,050.0  |      |
| 15  | Q-15              | "       | 260.81 ~ 261.39 | 0.58              | 0.33   | 5.98   | 2.89   | 176.0    |      |
| 16  | Q-16              | "       | 265.80 ~ 265.92 | 0.12              | 1.99   | 12.36  | 1.79   | 220.0    |      |
| 17  | Q-17              | "       | 334.61 ~ 334.68 | 0.07              | 0.16   | 11.96  | 0.032  | 71.0     |      |
| 18  | Q-18              | "       | 336.13 ~ 336.28 | 0.15              | 0.08   | 5.88   | 0.016  | 46.0     |      |
| 19  | Q-19              | "       | 450.41 ~ 450.44 | 0.03              | 0.16   | 0.57   | 0.044  | 35.0     |      |
| 20  | Q-20              | MJBC-16 | 1.19 ~ 1.30     | 0.11              | 0.66   | 11.36  | 0.42   | 47.0     |      |
| 21  | Q-21              | "       | 113.02 ~ 113.22 | 0.20              | 0.15   | 4.98   | 0.12   | 212.0    |      |
| 22  | Q-22              | "       | 141.20 ~ 141.36 | 0.16              | 0.58   | 13.26  | 0.048  | 80.0     |      |
| 23  | Q-23              | "       | 142.80 ~ 142.90 | 0.10              | 6.30   | 3.78   | 0.028  | 25.0     |      |
| 24  | Q-24              | "       | 146.07 ~ 146.11 | 0.04              | 0.33   | 6.08   | 0.13   | 52.0     |      |
| 25  | Q-25              | MJBC-17 | 6.18 ~ 6.28     | 0.10              | 1.70   | 14.90  | 0.042  | 45.0     |      |
| 26  | Q-26              | "       | 6.28 ~ 6.48     | 0.20              | 1.80   | 15.20  | 0.040  | 18.5     |      |
| 27  | Q-27              | "       | 7.25 ~ 7.38     | 0.13              | 0.30   | 8.84   | 0.036  | 36.8     |      |
| 28  | Q-28              | "       | 48.10 ~ 48.32   | 0.22              | 1.52   | 6.95   | 0.18   | 75.0     |      |
| 29  | Q-29              | "       | 53.56 ~ 53.62   | 0.06              | 0.16   | 0.16   | 0.014  | 13.5     |      |
| 30  | Q-30              | "       | 105.88 ~ 106.00 | 0.12              | 0.32   | 11.12  | 0.036  | 44.5     |      |
| 31  | Q-31              | "       | 109.20 ~ 109.40 | 0.20              | 2.89   | 4.76   | 0.032  | 46.0     |      |
| 32  | Q-32              | "       | 109.40 ~ 109.70 | 0.30              | 8.93   | 4.27   | 0.034  | 44.2     |      |
| 33  | Q-33              | "       | 143.44 ~ 143.84 | 0.40              | 0.32   | 12.91  | 0.040  | 52.5     |      |
| 34  | Q-34              | "       | 148.05 ~ 148.45 | 0.40              | 0.24   | 25.83  | 0.038  | 46.6     |      |
| 35  | Q-35              | "       | 148.45 ~ 148.85 | 0.40              | 0.16   | 3.27   | 0.52   | 74.6     |      |
| 36  | Q-36              | MJBC-13 | 218.75 ~ 219.05 | 0.30              | 0.08   | 4.96   | 0.89   | 101.5    |      |
| 37  | Q-37              | "       | 219.05 ~ 219.22 | 0.17              | 0.16   | 6.55   | 0.63   | 125.3    |      |
| 38  | Q-38              | MJBC-9  | 219.12 ~ 219.42 | 0.30              | 0.16   | 0.59   | 0.024  | 24.8     |      |
| 39  | Q-39              | "       | 219.42 ~ 219.78 | 0.36              | 0.48   | 10.03  | 0.020  | 36.4     |      |

| No. | Numero de Muestra | Taladra | Profundidad     | Ancho cortado (m) | Sn (%) | Zn (%) | Pb (%) | Ag (g/t) | Nota |
|-----|-------------------|---------|-----------------|-------------------|--------|--------|--------|----------|------|
| 40  | Q-40              | "       | 241.10 ~ 241.60 | 0.50              | 0.32   | 4.76   | 0.014  | 34.8     |      |
| 41  | Q-41              | "       | 241.60 ~ 242.10 | 0.50              | 0.12   | 2.08   | 0.012  | 32.6     |      |
| 42  | Q-42              | "       | 242.10 ~ 242.60 | 0.50              | 0.32   | 5.46   | 0.011  | 41.5     |      |
| 43  | Q-43              | "       | 243.29 ~ 243.59 | 0.30              | 0.20   | 5.76   | 0.009  | 22.5     |      |
| 44  | Q-44              | "       | 243.59 ~ 243.91 | 0.32              | 2.25   | 3.27   | 0.010  | 38.4     |      |
| 45  | Q-45              | "       | 250.50          | RWO.05            | 0.24   | 0.51   | 0.009  | 33.5     |      |
| 46  | Q-46              | "       | 270.10          | RWO.05            | 0.16   | 8.34   | 0.020  | 32.2     |      |
| 47  | Q-47              | "       | 271.84 ~ 272.14 | 0.30              | 0.08   | 2.78   | 0.024  | 16.5     |      |
| 48  | Q-48              | "       | 272.14 ~ 272.54 | 0.40              | 0.08   | 7.94   | 0.036  | 32.1     |      |
| 49  | Q-49              | "       | 290.55 ~ 290.85 | 0.30              | 0.48   | 5.76   | 0.028  | 30.0     |      |
| 50  | Q-50              | "       | 290.85 ~ 291.10 | 0.25              | 0.76   | 1.39   | 0.034  | 68.5     |      |
| 51  | Q-51              | "       | 298.57 ~ 298.87 | 0.30              | 0.72   | 1.39   | 0.025  | 121.3    |      |
| 52  | Q-52              | "       | 239.72 ~ 240.12 | 0.40              | 0.60   | 0.80   | 0.040  | 55.8     |      |
| 53  | Q-53              | "       | 344.00 ~ 344.30 | 0.30              | 0.32   | 24.24  | 0.026  | 57.5     |      |
| 54  | Q-54              | "       | 344.30 ~ 344.78 | 0.48              | 0.08   | 11.32  | 0.032  | 44.1     |      |
| 55  | Q-55              | "       | 350.40 ~ 351.30 | 0.90              | 0.16   | 13.51  | 0.028  | 72.4     |      |
| 56  | Q-56              | "       | 374.81 ~ 375.13 | 0.22              | 0.08   | 4.96   | 0.032  | 28.2     |      |
| 57  | Q-57              | "       | 398.94 ~ 399.24 | 0.20              | 0.40   | 5.76   | 0.024  | 64.5     |      |
| 58  | Q-58              | "       | 399.83 ~ 400.03 | 0.20              | 0.24   | 13.01  | 0.038  | 27.0     |      |
| 59  | Q-59              | MJBC-15 | 73.82 ~ 74.12   | 0.30              | 0.16   | 10.13  | 0.15   | 96.0     |      |
| 60  | Q-60              | "       | 75.25 ~ 75.75   | 0.50              | 0.20   | 5.66   | 0.25   | 97.5     |      |
| 61  | Q-61              | "       | 77.11 ~ 77.46   | 0.35              | 0.16   | 4.37   | 0.14   | 52.1     |      |
| 62  | Q-62              | MJBC-10 | 278.33          | RWO.03            | 0.50   | 5.36   | 0.008  | 38.0     |      |
| 63  | Q-63              | "       | 278.40          | RWO.03            | 0.30   | 4.67   | 0.005  | 23.8     |      |
| 64  | Q-64              | "       | 281.51          | RWO.05            | 0.30   | 1.40   | 0.008  | 44.2     |      |
| 65  | Q-65              | "       | 284.50          | RWO.03            | 1.30   | 22.25  | 0.034  | 51.5     |      |
| 66  | Q-66              | "       | 284.66          | RWO.05            | 0.50   | 7.15   | 0.031  | 35.8     |      |
| 67  | Q-67              | "       | 294.29 ~ 294.49 | 0.20              | 0.10   | 0.88   | 0.010  | 19.9     |      |
| 68  | Q-68              | "       | 294.49 ~ 294.69 | 0.20              | 2.70   | 6.75   | 0.011  | 45.5     |      |
| 69  | Q-69              | "       | 294.69 ~ 294.99 | 0.30              | 0.30   | 1.98   | 0.014  | 22.8     |      |
| 70  | Q-70              | "       | 295.20 ~ 295.49 | 0.29              | 0.34   | 0.15   | 0.006  | 34.1     |      |
| 71  | Q-71              | "       | 297.70 ~ 297.83 | 0.13              | 0.17   | 7.15   | 0.013  | 39.8     |      |
| 72  | Q-72              | "       | 300.89 ~ 300.96 | 0.07              | 0.59   | 18.68  | 0.012  | 56.2     |      |
| 73  | Q-73              | "       | 310.00          | RWO.04            | 0.17   | 0.34   | 0.012  | 14.5     |      |
| 74  | Q-74              | "       | 311.85 ~ 311.98 | 0.13              | 0.08   | 2.78   | 0.014  | 21.8     |      |
| 75  | Q-75              | "       | 378.43          | RWO.04            | 0.51   | 1.09   | 0.015  | 56.0     |      |
| 76  | Q-76              | "       | 394.04          | RWO.03            | 0.17   | 1.00   | 0.180  | 52.2     |      |
| 77  | Q-77              | "       | 394.93          | RWO.03            | 0.08   | 0.18   | 0.012  | 19.5     |      |
| 78  | Q-78              | "       | 395.12          | RWO.03            | 0.05   | 0.087  | 0.010  | 18.0     |      |



| No. | Numero de Muestra | Taladra | Profundidad     | Ancho cortado (m) | Sn (%) | Zn (%) | Pb (%) | Ag (g/t) | Nota |
|-----|-------------------|---------|-----------------|-------------------|--------|--------|--------|----------|------|
| 79  | Q-79              | MJBC-14 | 72.40 ~ 72.50   | 0.10              | 1.82   | 9.69   | 0.18   | 40.2     |      |
| 80  | Q-80              | "       | 100.67 ~ 101.67 | 1.00              | 0.83   | 26.52  | 0.044  | 44.0     |      |
| 81  | Q-81              | "       | 101.67 ~ 102.45 | 0.78              | 0.43   | 10.71  | 0.060  | 153.5    |      |
| 82  | Q-82              | "       | 107.45 ~ 108.45 | 1.00              | 0.41   | 34.08  | 0.056  | 48.1     |      |
| 83  | Q-83              | "       | 108.45 ~ 109.45 | 1.00              | 0.49   | 16.32  | 0.12   | 131.9    |      |
| 84  | Q-84              | "       | 109.45 ~ 110.45 | 1.00              | 0.25   | 17.44  | 0.096  | 96.0     |      |
| 85  | Q-85              | "       | 110.45 ~ 111.45 | 1.00              | 0.16   | 22.83  | 0.13   | 68.1     |      |
| 86  | Q-86              | "       | 111.45 ~ 112.70 | 1.25              | 0.99   | 22.03  | 0.11   | 91.8     |      |
| 87  | Q-87              | MJBC-18 | 151.70 ~ 152.70 | 1.00              | 0.10   | 1.53   | 0.13   | 120.2    |      |
| 88  | Q-88              | "       | 152.70 ~ 153.70 | 1.00              | 0.10   | 1.93   | 0.018  | 11.5     |      |
| 89  | Q-89              | "       | 153.70 ~ 154.70 | 1.00              | 0.10   | 0.091  | 0.032  | 58.2     |      |
| 90  | Q-90              | "       | 154.70 ~ 155.70 | 1.00              | 0.10   | 0.12   | 0.18   | 600.0    |      |
| 91  | Q-91              | "       | 155.70 ~ 156.70 | 1.00              | 0.10   | 0.10   | 0.25   | 1,210.0  |      |
| 92  | Q-92              | "       | 156.70 ~ 157.70 | 1.00              | 0.10   | 0.092  | 0.096  | 202.1    |      |
| 93  | Q-93              | "       | 157.70 ~ 158.70 | 1.00              | 0.10   | 0.096  | 0.032  | 34.0     |      |
| 94  | Q-94              | "       | 158.70 ~ 159.70 | 1.00              | 0.10   | 0.038  | 0.015  | 6.2      |      |
| 95  | Q-95              | "       | 159.70 ~ 160.20 | 0.50              | 0.10   | 0.032  | 0.046  | 12.1     |      |
| 96  | Q-96              | "       | 167.30 ~ 168.30 | 1.00              | 0.10   | 2.76   | 0.70   | 204.2    |      |
| 97  | Q-97              | "       | 168.30 ~ 169.10 | 0.80              | 0.10   | 8.46   | 5.19   | 395.5    |      |
| 98  | Q-98              | "       | 210.20 ~ 211.20 | 1.00              | 0.10   | 9.90   | 0.14   | 176.2    |      |
| 99  | Q-99              | "       | 211.20 ~ 212.20 | 1.00              | 0.10   | 8.26   | 0.14   | 164.1    |      |
| 100 | Q-100             | "       | 212.20 ~ 213.00 | 0.80              | 0.10   | 16.12  | 0.20   | 220.5    |      |
| 101 | Q-101             | "       | 220.75 ~ 221.75 | 1.00              | 0.10   | 6.02   | 0.84   | 239.8    |      |
| 102 | Q-102             | "       | 221.75 ~ 222.75 | 1.00              | 0.10   | 0.34   | 0.033  | 11.8     |      |
| 103 | Q-103             | "       | 222.75 ~ 223.90 | 1.15              | 0.10   | 6.02   | 0.16   | 49.5     |      |
| 104 | Q-104             | "       | 225.30 ~ 226.30 | 1.00              | 0.10   | 2.55   | 2.74   | 332.0    |      |
| 105 | Q-105             | "       | 226.30 ~ 227.00 | 0.70              | 0.10   | 3.46   | 4.72   | 475.0    |      |
| 106 | Q-106             | "       | 230.10 ~ 230.60 | 0.50              | 0.10   | 3.36   | 0.82   | 290.5    |      |
| 107 | Q-107             | "       | 232.65 ~ 233.65 | 1.00              | 0.10   | 2.04   | 0.81   | 274.5    |      |
| 108 | Q-108             | "       | 233.65 ~ 234.45 | 0.80              | 0.10   | 3.06   | 0.50   | 287.5    |      |
| 109 | Q-109             | MJBC-19 | 176.50 ~ 177.50 | 1.00              | 0.10   | 0.40   | 0.046  | 18.5     |      |
| 110 | Q-110             | "       | 177.50 ~ 178.50 | 1.00              | 0.10   | 0.45   | 0.15   | 95.8     |      |
| 111 | Q-111             | "       | 178.50 ~ 179.30 | 0.80              | 0.10   | 0.92   | 0.59   | 420.0    |      |
| 112 | Q-112             | "       | 186.00 ~ 186.50 | 0.50              | 0.35   | 7.94   | 10.75  | 2,560.0  |      |
| 113 | Q-113             | "       | 302.85 ~ 303.85 | 1.00              | 0.08   | 11.12  | 1.49   | 204.0    |      |
| 114 | Q-114             | "       | 333.22 ~ 333.52 | 0.30              | 0.16   | 1.59   | 0.064  | 34.3     |      |
| 115 | Q-115             | MJBC-8  | 231.00 ~ 231.70 | 0.70              | 0.08   | 0.17   | 0.14   | 18.1     |      |
| 116 | Q-116             | "       | 315.80 ~ 316.80 | 1.00              | 0.16   | 2.60   | 0.11   | 64.2     |      |
| 117 | Q-117             | "       | 316.80 ~ 317.80 | 1.00              | 0.16   | 9.33   | 0.54   | 160.5    |      |

| No. | Numero de Muestra | Taladra | Profundidad     | Ancho cortado (m) | Sn (%)    | Zn (%) | Pb (%) | Ag (g/t) | Nota |
|-----|-------------------|---------|-----------------|-------------------|-----------|--------|--------|----------|------|
| 118 | Q-118             | "       | 317.80 ~ 318.80 | 1.00              | 0.16      | 7.35   | 0.43   | 116.1    |      |
| 119 | Q-119             | "       | 318.80 ~ 319.80 | 1.00              | 0.08      | 8.24   | 0.13   | 100.4    |      |
| 120 | Q-120             | "       | 319.80 ~ 320.80 | 1.00              | 0.16      | 7.05   | 0.15   | 63.5     |      |
| 121 | Q-121             | "       | 320.80 ~ 321.70 | 0.90              | 0.16      | 6.95   | 0.44   | 68.0     |      |
| 122 | Q-122             | MJBC-14 | 119.20 ~ 120.60 | 1.40              | 0.83      | 4.54   | 0.20   | 80.4     |      |
| 123 | Q-123             | "       | 135.00 ~ 135.50 | 0.50              | 0.66      | 13.31  | 0.19   | 95.8     |      |
| 124 | Q-124             | MJBC-20 | 62.00 ~ 62.40   | 0.40              | menos0.01 | 2.11   | 1.39   | 309.0    |      |
| 125 | Q-125             | "       | 82.80 ~ 83.30   | 0.50              | "         | 0.33   | 0.08   | 15.7     |      |
| 126 | Q-126             | "       | 197.60 ~ 198.60 | 1.00              | "         | 0.81   | 1.15   | 209.0    |      |
| 127 | Q-127             | "       | 198.60 ~ 199.00 | 0.40              | "         | 0.98   | 0.25   | 91.4     |      |
| 128 | Q-128             | "       | 210.00 ~ 210.55 | 0.55              | "         | 1.63   | 0.15   | 42.0     |      |
| 129 | Q-129             | "       | 213.70 ~ 214.20 | 0.50              | 0.02      | 0.34   | 0.04   | 14.0     |      |
| 130 | Q-130             | MJBC-11 | 330.50 ~ 331.70 | 1.20              | menos0.01 | 4.77   | 0.05   | 138.0    |      |
| 131 | Q-131             | "       | 331.70 ~ 332.70 | 1.00              | "         | 2.96   | 0.03   | 60.2     |      |
| 132 | Q-132             | MJBC-21 | 212.90 ~ 213.75 | 0.85              | "         | 1.33   | 0.98   | 114.0    |      |
| 133 | Q-133             | "       | 223.60 ~ 224.60 | 1.00              | "         | 4.90   | 0.17   | 445.0    |      |
| 134 | Q-134             | "       | 224.60 ~ 225.60 | 1.00              | "         | 1.57   | 0.05   | 40.6     |      |
| 135 | Q-135             | "       | 225.60 ~ 226.60 | 1.00              | "         | 0.66   | 0.03   | 17.4     |      |
| 136 | Q-136             | "       | 226.60 ~ 227.60 | 1.00              | "         | 0.36   | 1.54   | 82.9     |      |
| 137 | Q-137             | "       | 227.60 ~ 228.60 | 1.00              | "         | 1.79   | 0.85   | 84.9     |      |
| 138 | Q-138             | "       | 228.60 ~ 229.80 | 1.20              | "         | 2.24   | 0.69   | 81.6     |      |
| 139 | Q-139             | "       | 236.00 ~ 237.60 | 1.00              | "         | 10.40  | 0.13   | 148.0    |      |
| 140 | Q-140             | "       | 237.60 ~ 238.60 | 1.00              | 0.04      | 7.77   | 0.24   | 113.0    |      |
| 141 | Q-141             | "       | 238.60 ~ 239.60 | 1.00              | 0.01      | 0.60   | 0.23   | 88.7     |      |
| 142 | Q-142             | "       | 239.60 ~ 240.60 | 1.00              | menos0.01 | 1.65   | 0.50   | 105.0    |      |
| 143 | Q-143             | "       | 240.60 ~ 241.60 | 1.00              | "         | 1.30   | 0.30   | 70.5     |      |
| 144 | Q-144             | "       | 241.60 ~ 242.60 | 1.00              | "         | 1.29   | 0.33   | 153.0    |      |
| 145 | Q-145             | "       | 242.60 ~ 243.60 | 1.00              | "         | 0.29   | 0.05   | 20.9     |      |
| 146 | Q-146             | "       | 243.60 ~ 244.60 | 1.00              | "         | 0.35   | 0.06   | 18.4     |      |
| 147 | Q-147             | "       | 244.60 ~ 245.60 | 1.00              | "         | 0.55   | 0.13   | 53.5     |      |
| 148 | Q-148             | "       | 245.60 ~ 246.60 | 1.00              | 0.08      | 2.53   | 1.22   | 847.0    |      |
| 149 | Q-149             | "       | 246.60 ~ 247.60 | 1.00              | menos0.01 | 1.26   | 1.11   | 618.0    |      |
| 150 | Q-150             | "       | 247.60 ~ 248.60 | 1.00              | "         | 0.76   | 0.73   | 333.0    |      |
| 151 | Q-151             | "       | 248.60 ~ 249.80 | 1.20              | "         | 14.00  | 0.06   | 77.2     |      |
| 152 | Q-152             | "       | 268.35 ~ 269.35 | 1.00              | "         | 1.17   | 0.24   | 90.0     |      |
| 153 | Q-153             | "       | 269.35 ~ 270.35 | 1.00              | "         | 2.92   | 1.03   | 283.0    |      |
| 154 | Q-154             | "       | 270.35 ~ 271.35 | 1.00              | "         | 1.64   | 1.20   | 150.0    |      |
| 155 | Q-155             | "       | 271.35 ~ 272.15 | 0.80              | "         | 1.50   | 0.69   | 105.0    |      |



付録-13 ボーリングコア鉍石研磨片顕微鏡観察結果一覧表

| Nr | Numero de taladro        | Prof. (m) | Numero de muestra | Mineral de mena |    |          |    |    |    |         |    |    |    |    |    |    |    | MG |    |   |
|----|--------------------------|-----------|-------------------|-----------------|----|----------|----|----|----|---------|----|----|----|----|----|----|----|----|----|---|
|    |                          |           |                   | Sp              | Ga | Pi       | Po | Ap | Mc | Cs      | Es | Fr | Cp | El | Mg | Ag | Si | Sd | Cd |   |
| 1  | MJBC-1                   | 92.85     | BP-1              |                 |    | △        |    | •  |    |         |    |    |    |    |    |    |    | ○  | ◎  |   |
| 2  | "                        | 127.13    | BP-2              | •               |    | △        |    |    |    |         |    |    |    |    |    |    |    |    |    |   |
| 3  | "                        | 128.13    | BP-3              | △               |    | ○        |    |    | △  |         |    |    |    |    |    |    |    | ◎  |    |   |
| 4  | "                        | 133.26    | BP-4              | ◎               | •  | ○        |    |    | △  |         |    |    | •  |    |    |    |    | ○  |    |   |
| 5  | "                        | 135.00    | BP-5              | △               | •  | △        |    |    | •  |         | •  |    | •  |    |    |    |    | ◎  |    |   |
| 6  | MJBC-2                   | 214.50    | BP-6              | ◎               | •  | △        |    |    | △  |         | •  |    | •  |    |    |    |    |    |    |   |
| 7  | "                        | 214.20    | BP-7              | ◎               | •  | ○        |    |    | ○  |         | •  |    | •  |    |    |    |    |    |    |   |
| 8  | "                        | 214.25    | BP-8              | ◎               | •  | ○        |    |    | △  |         |    |    | •  |    |    |    |    | ○  |    |   |
| 9  | "                        | 214.40    | BP-9              | ◎               | •  | ◎        |    | •  |    |         |    |    | •  |    |    |    |    |    |    |   |
| 10 | MJBC-3                   | 137.11    | BP-10             | ○               |    | △        |    |    | △  |         | •  |    | •  |    |    |    |    | ◎  |    |   |
| 11 | "                        | 190.39    | BP-11             | ○               |    | ○        |    | •  | △  |         |    |    | •  |    |    |    |    | ○  |    |   |
| 12 | "                        | 243.62    | BP-12             | ○               | △  | ◎        | △  | •  | △  | •       | •  |    |    |    |    |    |    |    |    |   |
| 13 | "                        | 455.19    | BP-13             | ◎               |    | ○        | △  | •  | △  | •       | •  |    | •  |    |    |    |    | ○  |    |   |
| 14 | MJBC-4                   | 93.25     | BP-14             | ○               |    | △        | ○  | △  | △  | •       | △  |    | △  |    |    |    |    | ○  |    |   |
| 15 | "                        | 121.16    | BP-15             | ◎               |    | ○        |    | △  | ○  | •       | •  |    | •  |    |    |    |    | ○  |    |   |
| 16 | "                        | 144.07    | BP-16             | •               |    | ◎        |    | △  | ○  | •       | •  |    | △  |    |    |    |    | ○  |    |   |
| 17 | "                        | 200.84    | BP-17             | ○               |    | △        |    | ◎  | •  | •       | •  |    | •  |    |    |    |    | •  |    |   |
| 18 | MJBC-5                   | 136.34    | P-1               | ◎               |    |          | ○  |    | △  |         | •  |    | •  |    |    |    |    | •  |    |   |
| 19 | "                        | 194.15    | P-2               | ◎               |    |          | ◎  | •  | △  |         | •  |    | △  |    |    |    |    | •  |    |   |
| 20 | MJBC-12                  | 231.33    | P-3               | ○               | △  | ○        | •  | ○  |    |         |    |    |    |    |    |    | •  | △  |    |   |
| 21 | "                        | 336.13    | P-4               | ○               |    | ◎        |    |    |    |         |    |    |    |    |    |    |    |    |    |   |
| 22 | MJBC-16                  | 113.02    | P-5               | •               |    | ◎        | •  | ○  | △  |         |    |    |    |    |    |    |    |    |    |   |
| 23 | "                        | 141.20    | P-6               | ◎               | •  | ○        |    |    | △  |         | •  |    | •  |    |    |    |    |    |    |   |
| 24 | MJBC-17                  | 6.18      | P-7               | ◎               |    | ○        |    |    | △  | •       |    |    |    |    |    |    |    | △  |    |   |
| 25 | "                        | 109.40    | P-8               |                 |    | ○        | ◎  | •  | △  | △(EPMA) |    |    |    |    |    |    |    | △  |    |   |
| 26 | MJBC-13                  | 219.05    | P-9               | △               | •  | △        |    | ○  | △  |         |    |    |    |    |    |    |    |    |    | ◎ |
| 27 | MJBC-9                   | 219.12    | P-10              | ◎               |    | △        |    |    |    |         | •  |    |    |    |    |    |    | ○  |    |   |
| 28 | "                        | 242.10    | P-11              | △               |    | ◎        |    | △  | •  | •       |    |    | △  |    |    | •  |    | ○  |    |   |
| 29 | "                        | 271.84    | P-12              | ○               |    | ◎        | ○  | △  |    |         |    | △  | △  |    |    | •  |    | ○  |    |   |
| 30 | "                        | 344.00    | P-13              | ◎               |    | △        | ◎  | △  |    |         |    |    |    |    |    |    |    | △  |    |   |
| 31 | MJBC-10                  | 294.49    | P-14              | △               | •  | △        |    | •  | △  |         | •  |    |    |    |    |    |    |    |    | ◎ |
| 32 | "                        | 297.70    | P-15              | ○               |    | ◎        | △  | △  | •  | •       | •  |    | •  |    |    |    |    |    |    |   |
| 33 | MJBC-14                  | 101.10    | P-16              | ◎               | •  |          | ◎  |    | △  | △       | △  |    |    |    |    |    |    | △  |    |   |
| 34 | "                        | 108.80    | P-17              | ◎               |    | △        | △  |    | △  | •       | •  |    |    |    |    |    |    |    |    |   |
| 35 | MJBC-18                  | 211.20    | P-18              | ◎               | •  | ◎        |    | △  | △  |         | •  |    | •  |    |    |    | •  |    |    |   |
| 36 | "                        | 212.50    | P-19              | ◎               | •  | △        |    | △  | •  |         | •  |    |    |    |    |    | •  | △  |    |   |
| 37 | "                        | 222.00    | P-20              | •               | •  | •        |    | •  |    |         |    |    |    |    |    |    |    |    | ◎  |   |
| 38 | Mineral de Alto Colquiri |           | P-21              |                 |    | Wood Tin |    |    |    |         |    |    |    |    |    |    |    |    |    |   |
| 39 | MJBC-19                  | 186.00    | P-22              | ◎               | △  | ◎        |    | △  | △  | •       |    |    | •  |    |    |    | •  | △  | ○  |   |
| 40 | MJBC-8                   | 319.00    | P-23              | ◎               | •  | ◎        |    | △  | △  |         | •  |    | •  |    |    |    | •  | △  |    |   |
| 41 | MJBC-19                  | 303.00    | P-24              | ◎               | △  | ◎        |    |    | △  |         |    |    | •  |    |    |    | •  |    |    |   |
| 42 | MJBC-20                  | 62.50     | P-25              | ○               | •  | ◎        |    | •  | ○  |         |    |    |    |    |    |    | •  |    |    |   |

Abreviaciones

Sp : esfalerita  
 Ga : galena  
 Pi : pirita  
 Po : Pirrotina  
 Ap : arsenopirita  
 Mc : marcasita  
 Cs : casiterita  
 Es : estannina  
 Cp : calcopirita

Si : silicato  
 Fr : frankeita  
 Sd : siderita  
 El : electrum

MG : Mineral de ganga

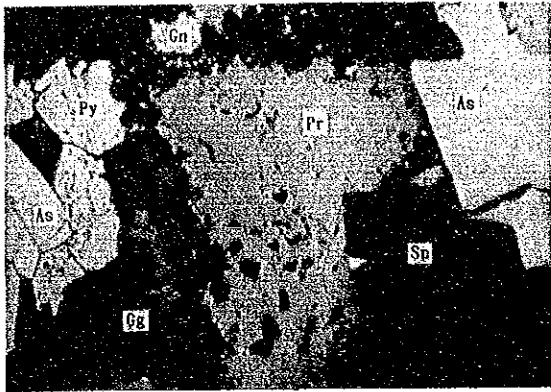
◎ : abundante  
 ○ : mediano  
 △ : poco  
 • : raro



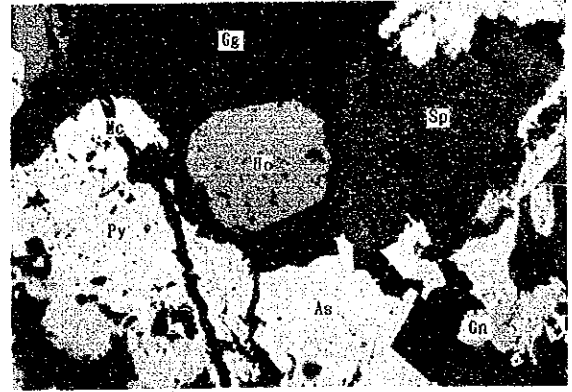
付録-14 ボーリングコア鉍石研磨片顕微鏡写真 (A)

Abreviación

|                 |                       |
|-----------------|-----------------------|
| Sp : Esfalerita | Py : Pirita           |
| Mc : Marcacita  | Gg : Mineral de ganga |
| Gn : Galena     | As : Arsenopirita     |
| Pr : Pirargita  | St : Estannina        |
| Ho : Hocartita  | Cs : Casiterita       |



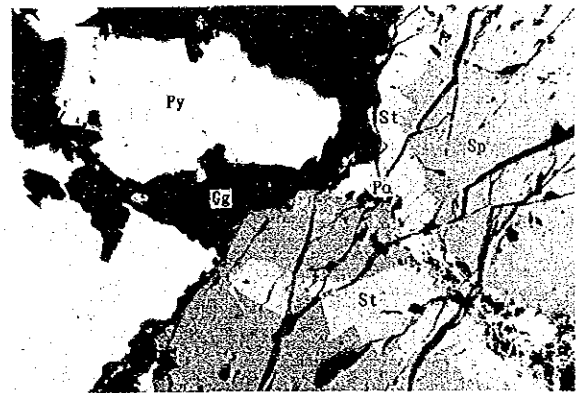
Muestra : P-3  
Localidad : MJB-12, 231.33°



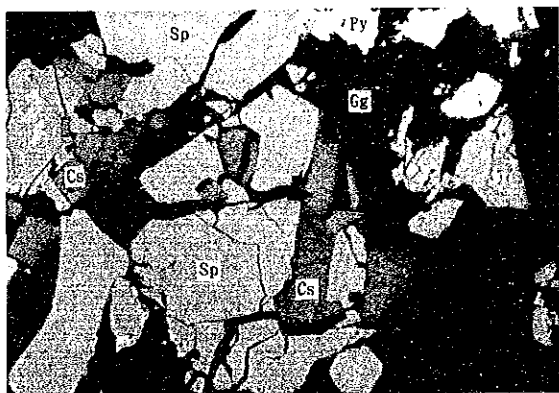
Muestra : P-3  
Localidad : MJB-12, 231.33°



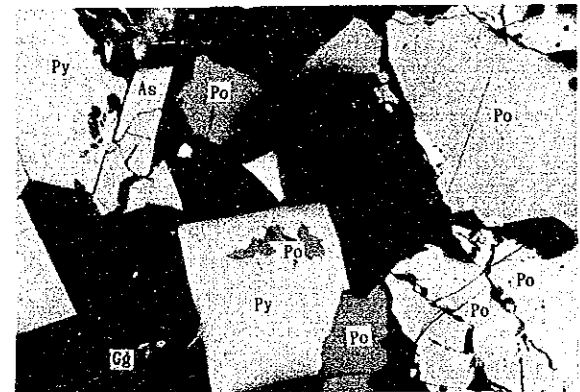
Muestra : P-6  
Localidad : 141.20°



Muestra : P-12  
Localidad : MJB-9, 271.84°



Muestra : P-14  
Localidad : MJB-10, 294.47°



Muestra : P-15  
Localidad : MJB-16, 141.20°

nicol cruzado

