S-24-1

1935958 - R8 SEMS

| bench no | shot no | bh no | fire au | aa au | fire equiv (aa/ratio) | ore type | ratio | actual ratio (aa/fire) |
|---|---|---|---|---|---|---|---|---|
| | | 0 | | | | | | |
| 0 | 1241 | 0 | | | 0.000 | | 95.0% | |
| S24 | 1 | 1 | 11.000 | 6.000 | 11.000 | 1 | 100.0% | 54.5% |
| S24 | 1 | 2 | 21.000 | 16.000 | 21.000 | 1 | 100.0% | 76.2% |
| S24 | 1 | 3 | 14.000 | 7.000 | 14.000 | 1 | 100.0% | 50.0% |
| S24 | 1 | 4 | 19.000 | 9.000 | 19.000 | 1 | 100.0% | 47.4% |
| S24 | 1 | 21 | | 5.000 | 7.143 | 1 | 70.0% | |
| S24 | 1 | 22 | 80.000 | 26.000 | 80.000 | 1 | 100.0% | 32.5% |
| S24 | 1 | 23 | | 30.000 | 42.857 | 1 | 70.0% | |
| S24 | 1 | 41 | 36.000 | 21.000 | 36.000 | 1 | 100.0% | 58.3% |
| S24 | 1 | 42 | 38.000 | 19.000 | 38.000 | 1 | 100.0% | 50.0% |
| S24 | 1 | 43 | 39.000 | 24.000 | 39.000 | 1 | 100.0% | 61.5% |
| S24 | 1 | 44 | 52.000 | 29.000 | 52.000 | 1 | 100.0% | 55.8% |
| S24 | 1 | 61 | 62.000 | 26.000 | 62.000 | 1 | 100.0% | 41.9% |
| S24 | 1 | 62 | 19.000 | 12.000 | 19.000 | 2 | 100.0% | 63.2% |
| S24 | 1 | 63 | | 44.000 | 62.857 | 1 | 70.0% | |
| S24 | 1 | 80 | 52.000 | 16.000 | 52.000 | 1 | 100.0% | 30.8% |
| S24 | 1 | 81 | 164.000 | 10.000 | 164.000 | 1 | 100.0% | 6.1% |
| S24 | 1 | 82 | 27.000 | 10.000 | 27.000 | 1 | 100.0% | 37.0% |
| S24 | 1 | 83 | 29.000 | 20.000 | 29.000 | 1 | 100.0% | 69.0% |
| S24 | 1 | 101 | 13.000 | 8.000 | 13.000 | 1 | 100.0% | 61.5% |
| S24 | 1 | 102 | 22.000 | 10.000 | 22.000 | 1 | 100.0% | 45.5% |
| S24 | 1 | 103 | | 3.000 | 21.000 | 1 | 100.0% | 14.3% |
| S24 | 1 | 104 | 21.000 | 11.000 | ERR | 1 | ERR | ERR |
| S24 | 1 | 121 | | 4.000 | 4.762 | 2 | 84.0% | |
| S24 | 1 | 122 | 26.000 | 10.000 | 26.000 | 2 | 100.0% | 38.5% |
| S24 | 1 | 123 | 25.000 | 8.000 | 25.000 | 1 | 100.0% | 32.0% |
| S24 | 1 | 140 | 19.000 | 6.000 | 19.000 | 1 | 100.0% | 31.6% |
| S24 | 1 | 141 | 27.000 | 8.000 | 27.000 | 1 | 100.0% | 29.6% |
| S24 | 1 | 142 | 19.000 | 15.000 | 17.857 | 2 | 84.0% | |
| S24 | 1 | 143 | | 39.000 | 46.429 | 2 | 84.0% | |
| S24 | 1 | 162 | 26.000 | 14.000 | 20.000 | 1 | 70.0% | |
| S24 | 1 | 163 | 41.000 | 23.000 | 27.381 | 2 | 84.0% | |
| S24 | 1 | 181 | 14.000 | 7.000 | 10.000 | 1 | 70.0% | |
| S24 | 1 | 182 | 20.000 | 8.000 | 11.429 | 1 | 70.0% | |
| S24 | 1 | 183 | 21.000 | 14.000 | 20.000 | 1 | 70.0% | |
| S24 | 1 | 201 | 14.000 | 8.000 | 11.429 | 1 | 70.0% | |
| S24 | 1 | 202 | 27.000 | 18.000 | 25.714 | 1 | 70.0% | |
| S24 | 1 | 203 | 30.000 | 21.000 | 25.000 | 2 | 84.0% | |
| S24 | 1 | 222 | 31.000 | 19.000 | 22.619 | 2 | 84.0% | |
| S24 | 1 | 223 | | 51.000 | 53.684 | 3 | 95.0% | |
| S24 | 1 | 224 | | 35.000 | 36.842 | 3 | 95.0% | |
| S24 | 1 | 225 | | 15.000 | 15.789 | 3 | 95.0% | |
| S24 | 1 | 226 | | 15.000 | 15.789 | 3 | 95.0% | |
| S24 | 1 | 227 | | 26.000 | 27.368 | 3 | 95.0% | |
| S24 | 1 | 228 | 19.000 | 12.000 | 14.286 | 2 | 84.0% | |
| S24 | 1 | 229 | 27.000 | 15.000 | 21.429 | 1 | 70.0% | |
| S24 | 1 | 230 | | 37.000 | 38.947 | 3 | 95.0% | |
| S24 | 1 | 231 | | 23.000 | 24.211 | 3 | 95.0% | |
| S24 | 1 | 232 | | 13.000 | 13.684 | 3 | 95.0% | |
| S24 | 1 | 233 | | 14.000 | 14.737 | 3 | 95.0% | |
| S24 | 1 | 243 | | 24.000 | 25.263 | 3 | 95.0% | |
| S24 | 1 | 244 | | 29.000 | 30.526 | 3 | 95.0% | |
| S24 | 1 | 245 | | 51.000 | 53.684 | 3 | 95.0% | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| S24 | 1 | 246 | | 59.000 | 70.238 | 2 | 84.0% | |
| S24 | 1 | 247 | 39.000 | 28.000 | 40.000 | 1 | 70.0% | |
| S24 | 1 | 248 | | 28.000 | 29.474 | 3 | 95.0% | |
| S24 | 1 | 249 | 19.000 | 8.000 | 11.429 | 1 | 70.0% | |
| S24 | 1 | 250 | 18.000 | 9.000 | 10.714 | 2 | 84.0% | |
| S24 | 1 | 261 | 32.000 | 20.000 | 28.571 | 1 | 70.0% | |
| S24 | 1 | 262 | | 87.000 | 96.667 | 2 | 90.0% | |
| S24 | 1 | 263 | | 3.000 | 3.571 | 2 | 84.0% | |
| S24 | 1 | 264 | 20.000 | 10.000 | 11.905 | 2 | 84.0% | |
| S24 | 1 | 265 | 21.000 | 12.000 | 14.286 | 2 | 84.0% | |
| S24 | 1 | 266 | | 5.000 | 5.952 | 2 | 84.0% | |
| S24 | 1 | 267 | 32.000 | 24.000 | 28.571 | 2 | 84.0% | |
| S24 | 1 | 268 | 21.000 | 14.000 | 16.667 | 2 | 84.0% | |
| S24 | 1 | 282 | 36.000 | 26.000 | 30.952 | 2 | 84.0% | |
| S24 | 1 | 283 | | 3.000 | 4.286 | 1 | 70.0% | |
| S24 | 1 | 284 | | 3.000 | 4.286 | 1 | 70.0% | |
| S24 | 1 | 285 | 20.000 | 12.000 | 17.143 | 1 | 70.0% | |
| S24 | 1 | 501 | | 5.000 | 7.143 | 1 | 70.0% | |
| S24 | 1 | 502 | 31.000 | 8.000 | 31.000 | 1 | 100.0% | 25.8% |
| S24 | 1 | 503 | | 136.000 | 194.286 | 1 | 70.0% | |
| S24 | 1 | 504 | | 39.000 | 55.714 | 1 | 70.0% | |
| S24 | 1 | 505 | 48.000 | 18.000 | 48.000 | 1 | 100.0% | 37.5% |
| S24 | 1 | 506 | 52.000 | 11.000 | 52.000 | 1 | 100.0% | 21.2% |
| S24 | 1 | 507 | 42.000 | 14.000 | 42.000 | 1 | 100.0% | 33.3% |
| S24 | 1 | 508 | 40.000 | 14.000 | 40.000 | 1 | 100.0% | 35.0% |
| S24 | 1 | 509 | 46.000 | 14.000 | 46.000 | 1 | 100.0% | 30.4% |
| S24 | 1 | 510 | 24.000 | 9.000 | 24.000 | 1 | 100.0% | 37.5% |
| S24 | 1 | 511 | | 4.000 | 5.714 | 1 | 70.0% | |
| S24 | 1 | 512 | | 3.000 | 4.286 | 1 | 70.0% | |
| S24 | 1 | 513 | | 1.000 | 1.429 | 1 | 70.0% | |
| S24 | 1 | 514 | | 3.000 | 4.286 | 1 | 70.0% | |
| S24 | 1 | 515 | 30.000 | 14.000 | 30.000 | 1 | 100.0% | 46.7% |
| S24 | 1 | 516 | 17.000 | 6.000 | 17.000 | 1 | 100.0% | 35.3% |
| S24 | 1 | 517 | | 1.000 | 1.429 | 1 | 70.0% | |
| S24 | 1 | 518 | | 4.000 | 5.714 | 1 | 70.0% | |
| S24 | 1 | 519 | 49.000 | 15.000 | 49.000 | 1 | 100.0% | 30.6% |
| S24 | 1 | 520 | | 4.000 | 5.714 | 1 | 70.0% | |
| S24 | 1 | 521 | | 8.000 | 9.524 | 2 | 84.0% | |
| S24 | 1 | 522 | | 8.000 | 9.524 | 2 | 84.0% | |
| S24 | 1 | 523 | | 5.000 | 7.143 | 1 | 70.0% | |
| S24 | 1 | 524 | | 8.000 | 11.429 | 1 | 70.0% | |
| S24 | 1 | 525 | | 8.000 | 11.429 | 1 | 70.0% | |
| S24 | 1 | 526 | | 3.000 | 4.286 | 1 | 70.0% | |
| S24 | 1 | 527 | | 3.000 | 4.286 | 1 | 70.0% | |
| S24 | 1 | 528 | | 4.000 | 5.714 | 1 | 70.0% | |
| S24 | 1 | 529 | | 9.000 | 10.714 | 2 | 84.0% | |
| S24 | 1 | 530 | | 8.000 | 8.421 | 3 | 95.0% | |
| S24 | 1 | 531 | | 23.000 | 24.211 | 3 | 95.0% | |
| S24 | 1 | 532 | | 24.000 | 25.263 | 3 | 95.0% | |
| S24 | 1 | 533 | | 5.000 | 5.952 | 2 | 84.0% | |
| S24 | 1 | 534 | | 6.000 | 6.316 | 3 | 95.0% | |
| S24 | 1 | 535 | | 8.000 | 8.421 | 3 | 95.0% | |
| S24 | 1 | 536 | | 17.000 | 17.895 | 3 | 95.0% | |
| S24 | 1 | 537 | | 9.000 | 9.474 | 3 | 95.0% | |
| | mean | | 37.3438 | 16.7358 | ERR | | ERR | ERR |

FIRE REQUEST SHEET

PATTERN S-24-1 DATE 11/19/92

| NO. | SULF | MIX | GRADE | NO. | SULF | MIX | GRADE | NO. | SULF | MIX | GRADE |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | X | | .011 | 181 | X | | .014 | 510 | X | | .024 |
| 2 | X | | .021 | 182 | X | | .020 | 515 | X | | .030 |
| 3 | X | | .014 | 183 | X | | .021 | 516 | X | | .017 |
| 4 | X | | .019 | 201 | X | | .014 | 519 | X | | .049 |
| 22 | X | | .080 | 202 | X | | .027 | | | | |
| 41 | X | | .036 | 203 | | X | .030 | | | | |
| 42 | X | | .038 | 222 | | X | .031 | | | | |
| 43 | X | | .039 | 228 | | X | .019 | | | | |
| 44 | X | | .052 | 229 | X | | .027 | | | | |
| 61 | X | | .062 | 247 | X | | .039 | | | | |
| 62 | | X | .019 | 249 | X | | .019 | | | | |
| 80 | X | | .052 | 250 | | X | .018 | | | | |
| 81 | X | | .164 | 261 | X | | .032 | | | | |
| 82 | X | | .027 | 264 | | X | .020 | | | | |
| 83 | X | | .029 | 265 | | X | .021 | | | | |
| 101 | X | | .013 | 267 | | X | .032 | | | | |
| 102 | X | | .022 | 268 | | X | .021 | | | | |
| 104 | X | | .021 | 282 | | X | .036 | | | | |
| 122 | | X | .026 | 285 | X | | .020 | | | | |
| 123 | X | | .025 | 502 | X | | .031 | | | | |
| 140 | X | | .019 | 505 | X | | .048 | | | | |
| 141 | X | | .027 | 506 | X | | .052 | | | | |
| 142 | | X | .019 | 507 | X | | .042 | | | | |
| 162 | X | | .026 | 508 | X | | .040 | | | | |
| 163 | | X | .041 | 509 | X | | .046 | | | | |

BROHM MINING CORPORATION
Gilt Edge Project

Pit-Bench-Pattern #
S-24-1 -E.O.P.

Submittal Date
11-14-92

BLAST HOLE

Hot NaCN Shake
and
FIRE DETERMINATIONS

(1)

DATE: 11/17

NAME: GS

| | SAMPLE | FIRE Au. | NaCN Au. | | SAMPLE | FIRE Au. | NaCN Au. |
|---|---|---|---|---|---|---|---|
| 1. | 162 | | .014 | 25. | Standard ✓ | | .015 |
| 2. | 163 | | .023 | 26. | 233 | | .014 |
| 3. | 181 | | .007 | 27. | 243 | | .024 |
| 4. | 182 | | .008 | 28. | 244 | | .029 |
| 5. | 183 | | .014 | 29. | 245 | | .051 |
| 6. | 201 | | .008 | 30. | 246 | | .059 |
| 7. | 202 | | .018 | 31. | 247 | | .028 |
| 8. | Standard ✓ | | .015 | 32. | 248 | | .028 |
| 9. | 203 | | .021 | 33. | | | |
| 10. | -1 | | .022 | 34. | | | |
| 11. | 222-1 | | .021 | 35. | 249 | | .008 |
| 12. | 222-2 | | .018 | 36. | 250 | | .009 |
| 13. | 223 | | .051 | 37. | 261 | | .020 |
| 14. | 224 | | .035 | 38. | 262 | | .087 |
| 15. | 225 | | .015 | 39. | 263 | | .003 |
| 16. | | | | 40. | 264 | | .010 |
| 17. | | | | 41. | 265 | | .012 |
| 18. | 226 | | .015 | 42. | Standard ✓ | | .015 |
| 19. | 227 | | .026 | 43. | 266 | | .005 |
| 20. | 228 | | .012 | 44. | 267 | | .024 |
| 21. | 229 | | .015 | 45. | 268 | | .014 |
| 22. | 230 | | .037 | 46. | 282 | | .026 |
| 23. | 231 | | .023 | 47. | 283 | | .003 |
| 24. | 232 | | .013 | 48. | | | |

BROHM MINING CORPORATION
Gilt Edge Project

Pit-Bench-Pattern #
S-24-1-E.O.P.

Submittal Date
11-14-92

BLAST HOLE

Hot NaCN Shake
and
FIRE DETERMINATIONS

(2)

DATE: 11/12

NAME: 95

| | SAMPLE | FIRE Au. | NaCN Au. | | SAMPLE | FIRE Au. | NaCN Au. |
|---|---|---|---|---|---|---|---|
| 1. | 284 | | .003 | 25. | Standard ✓ | | |
| 2. | 285 | | .012 | 26. | | | |
| 3. | 537 | | .009 | 27. | | | |
| 4. | | | | 28. | | | |
| 5. | | | | 29. | | | |
| 6. | | | | 30. | | | |
| 7. | | | | 31. | | | |
| 8. | Standard ✓ | | | 32. | | | |
| 9. | | | | 33. | | | |
| 10. | | | | 34. | | | |
| 11. | | | | 35. | | | |
| 12. | | | | 36. | | | |
| 13. | | | | 37. | | | |
| 14. | | | | 38. | | | |
| 15. | | | | 39. | | | |
| 16. | | | | 40. | | | |
| 17. | | | | 41. | | | |
| 18. | | | | 42. | Standard ✓ | | |
| 19. | | | | 43. | | | |
| 20. | | | | 44. | | | |
| 21. | | | | 45. | | | |
| 22. | | | | 46. | | | |
| 23. | | | | 47. | | | |
| 24. | | | | 48. | | | |

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BROWN MINING CORPORATION
Gilt Edge Project

Pit-Bench-Pattern #
S-24-1

Submittal Date
11-13-92

BLAST HOLE

Hot NaCN Shake
and
FIRE DETERMINATIONS

DATE: 11-16-92

NAME: RS.

(1)

| | SAMPLE | FIRE Au. | NaCN Au. | | SAMPLE | FIRE Au. | NaCN Au. |
|---|---|---|---|---|---|---|---|
| 1. | 1 | | .006 | 25. | Standard ✓ | | .015 |
| 2. | 2 | | .016 | 26. | 102 | | .010 |
| 3. | 3 | | .007 | 27. | 103 | | .003 |
| 4. | 4 | | .009 | 28. | 104 | | .011 |
| 5. | 21 | | .005 | 29. | 121 | | .004 |
| 6. | 22 | | .026 | 30. | 122 | | .010 |
| 7. | 23 | | .030 | 31. | 123 | | .008 |
| 8. | Standard ✓ | | .015 | 32. | 140 | | .006 |
| 9. | 41 | | .021 | 33. | | | |
| 10. | 47 | | .023 | 34. | | | |
| 11. | 42-1 | | .018 | 35. | 141 | | .008 |
| 12. | 42-2 | | .021 | 36. | 142 | | .015 |
| 13. | 43 | | .024 | 37. | 143 | | .039 |
| 14. | 44 | | .029 | 38. | 501 | | .005 |
| 15. | 61 | | .026 | 39. | 502 | | .008 |
| 16. | | | | 40. | 503 | | .136 |
| 17. | | | | 41. | 504 | | .039 |
| 18. | 62 | | .012 | 42. | Standard ✓ | | .015 |
| 19. | 63 | | .044 | 43. | 505 | | .018 |
| 20. | 80 | | .016 | 44. | 506 | | .011 |
| 21. | 81 | | .010 | 45. | 507 | | .014 |
| 22. | 82 | | .010 | 46. | 508 | | .014 |
| 23. | 83 | | .020 | 47. | 509 | | .014 |
| 24. | 101 | | .008 | 48. | | | |

X

BROWN MINING CORPORATION
Gilt Edge Project

Pit-Bench-Pattern #
S-24-1

Submittal Date
11-13-92

BLAST HOLE

Hot NaCN Shake
and
FIRE DETERMINATIONS

DATE: 11-16-92

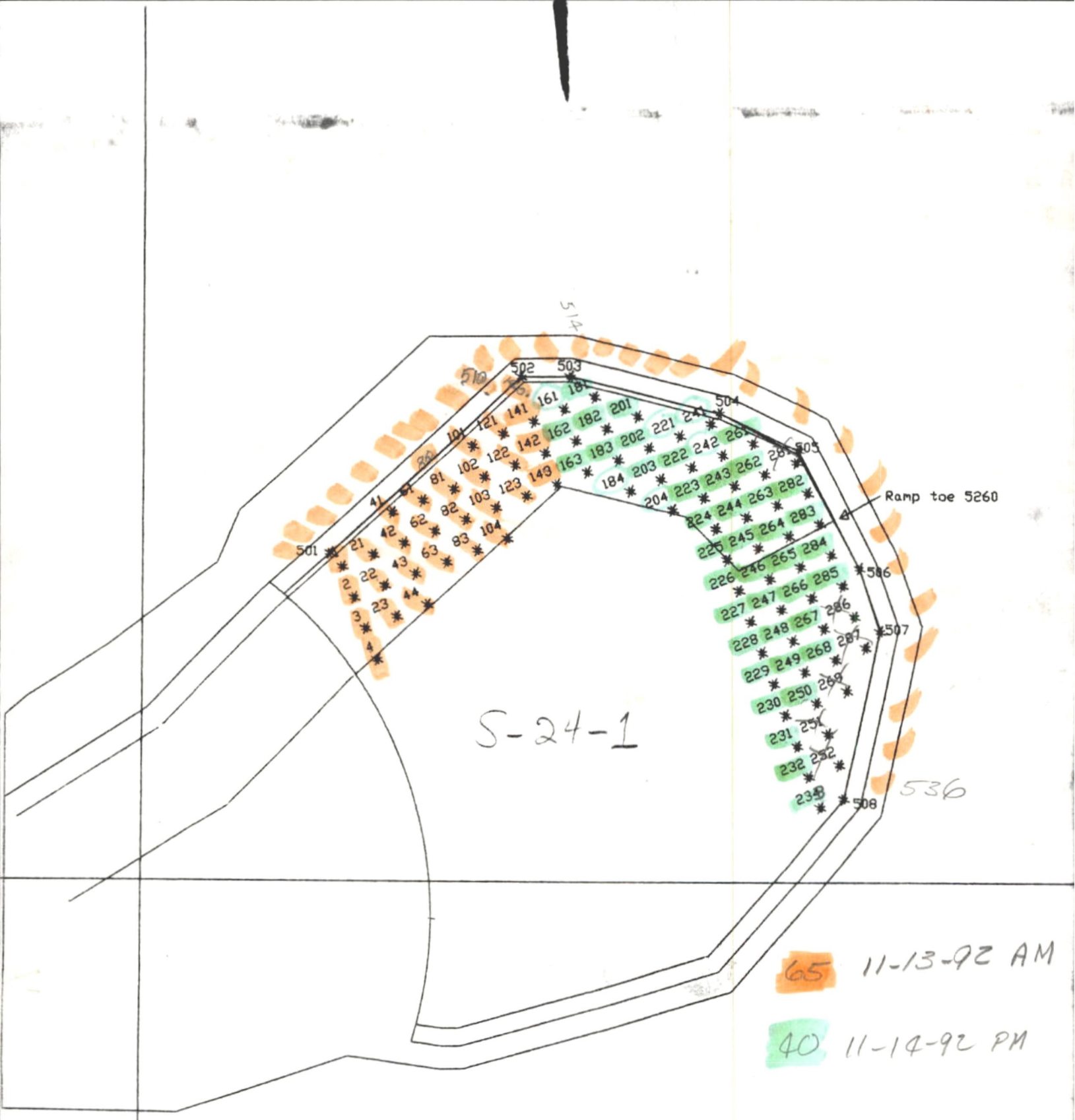
NAME: R.S.

(2)

| | SAMPLE | FIRE Au. | NaCN Au. | | SAMPLE | FIRE Au. | NaCN Au. |
|---|---|---|---|---|---|---|---|
| 1. | 510 | | .009 | 25. | Standard ✓ | | .015 |
| 2. | 511 | | .004 | 26. | 529 | | .009 |
| 3. | 512 | | .003 | 27. | 530 | | .008 |
| 4. | 513 | | .001 | 28. | 531 | | .023 |
| 5. | 514 | | .003 | 29. | 532 | | .024 |
| 6. | 515 | | .014 | 30. | 533 | | .005 |
| 7. | 516 | | .006 | 31. | 534 | | .006 |
| 8. | Standard ✓ | | .015 | 32. | 535 | | .008 |
| 9. | 517 | | .001 | 33. | | | |
| 10. | -7 | | .025 | 34. | | | |
| 11. | 518-1 | | .004 | 35. | 536 | | .017 |
| 12. | 518-2 | | .004 | 36. | | | |
| 13. | 519 | | .015 | 37. | | | |
| 14. | 520 | | .004 | 38. | | | |
| 15. | 521 | | .008 | 39. | | | |
| 16. | | | | 40. | | | |
| 17. | | | | 41. | | | |
| 18. | 522 | | .008 | 42. | Standard ✓ | | |
| 19. | 523 | | .005 | 43. | | | |
| 20. | 524 | | .008 | 44. | | | |
| 21. | 525 | | .008 | 45. | | | |
| 22. | 526 | | .003 | 46. | | | |
| 23. | 527 | | .003 | 47. | | | |
| 24. | 528 | | .004 | 48. | | | |

X

Ore Types




Sample Pickup

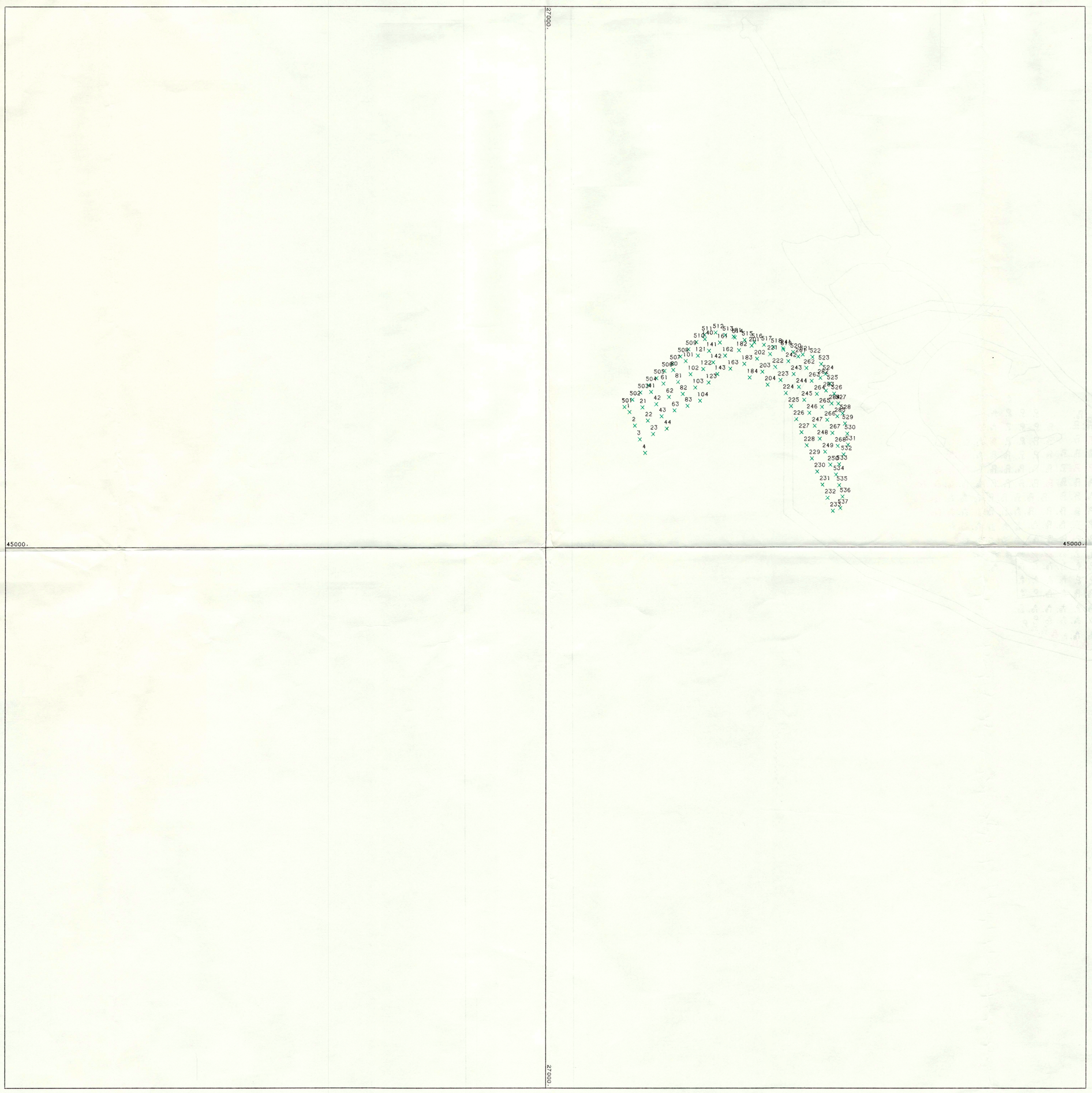
| | | | |
|---|---|---|---|
| 1 | 27077.81 | 45125.21 | 5281.3 |
| 4 | 27092.09 | 45087.56 | 5280.9 |
| 21 | 27089.73 | 45129.46 | 5280.9 |
| 23 | 27099.55 | 45105.04 | 5281.0 |
| 41 | 27097.64 | 45143.75 | 5280.9 |
| 44 | 27112.12 | 45109.93 | 5281.0 |
| 61 | 27109.13 | 45151.43 | 5281.2 |
| 63 | 27119.25 | 45126.63 | 5281.4 |
| 80 | 27118.07 | 45163.99 | 5281.7 |
| 83 | 27131.33 | 45130.82 | 5285.1 |
| 101 | 27129.73 | 45172.28 | 5280.6 |
| 104 | 27142.92 | 45135.58 | 5280.8 |
| 121 | 27141.03 | 45177.25 | 5280.4 |
| 123 | 27150.76 | 45152.45 | 5280.2 |
| 140 | 27147.40 | 45192.46 | 5280.9 |
| 143 | 27158.86 | 45160.23 | 5280.1 |
| 161 | 27161.22 | 45189.33 | 5280.3 |
| 163 | 27170.96 | 45165.22 | 5280.1 |
| 181 | 27174.02 | 45194.79 | 5280.8 |
| 184 | 27188.76 | 45157.07 | 5279.0 |
| 201 | 27190.76 | 45186.48 | 5279.7 |
| 204 | 27205.41 | 45150.30 | 5278.5 |
| 221 | 27207.73 | 45178.59 | 5279.1 |
| 233 | 27265.63 | 45033.94 | 5279.8 |
| 241 | 27219.91 | 45183.91 | 5279.0 |
| 250 | 27263.41 | 45076.32 | 5279.5 |
| 261 | 27233.85 | 45176.31 | 5279.2 |
| 262 | 27241.42 | 45165.69 | 5278.7 |
| 268 | 27270.10 | 45093.60 | 5279.1 |
| 282 | 27254.31 | 45156.52 | 5278.6 |
| 285 | 27269.75 | 45120.96 | 5279.3 |
| 501 | 27073.00 | 45129.91 | 5281.3 |
| 511 | 27147.00 | 45196.41 | 5281.0 |
| 512 | 27157.21 | 45198.52 | 5281.2 |
| 522 | 27247.04 | 45175.88 | 5279.2 |
| 523 | 27255.04 | 45169.30 | 5279.1 |
| 528 | 27274.70 | 45123.64 | 5279.6 |
| 530 | 27279.03 | 45104.93 | 5279.1 |
| 531 | 27279.71 | 45094.73 | 5279.3 |
| 533 | 27271.47 | 45076.76 | 5280.5 |
| 534 | 27268.55 | 45067.20 | 5279.8 |
| 535 | 27271.55 | 45057.62 | 5280.0 |
| 536 | 27274.62 | 45047.07 | 5280.0 |
| 537 | 27272.59 | 45036.52 | 5279.9 |

0 corrections

20

11-17-92
11:04:54

** BENCH ASSAY PLOT - BENCH 24 (5260')




| MAP SCALE | REVISIONS No | DATE | MADE BY | DESCRIPTION |
|---|---|---|---|---|
| 0 50 100 150 | 1 | | | |
| | 2 | | | |
| | 3 | | | |
| | 4 | | | |
| | 5 | | | |

| DATE | DRAWN BY | CHECKED | APPROVED |
|---|---|---|---|
| 11-17-92 | DRN | | |

**BENCH PLAN**
AS DRILLED - SHOT S-24-1
**5260 (24) BENCH**

| OFFICE | DEPARTMENT |
|---|---|
| | |

**GILT EDGE MINE**
**OXIDE PROJECT**

| MAP INDEX NUMBER | SCALE | DRAWING NUMBER |
|---|---|---|
| | 1" =50' | |