



Burnie RESEARCH LABORATORY

A Division of AMMTEC Ltd ABN: 40 396 637 856
Hydrometallurgy Consultants & Flotation Technology Specialists

39 River Road, Wivenhoe, TAS 7320 PO Box 952, Burnie, TAS 7320 Tel: 61 3 6431 6333 Fax: 61 3 6431 6896

Mr. Russell Meares
Malachite Resources NL
P.O. Box 42, Lindfield, NSW, 2070

Despatch No. MR/01/05

Sample Type: Drillcore

| Sample | Cu | Pb | Zn | Ag | As | Bi | Au | Sn | WO ₃ | S |
|--------|------|-----|-----|-----|-----|-----|-------|-----|-----------------|-------|
| | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % |
| 82401 | 130 | 10 | 90 | <1 | 50 | 10 | <0.01 | 10 | 30 | 2.99 |
| 82402 | 270 | 10 | 50 | <1 | 50 | 20 | <0.01 | 50 | 60 | 8.54 |
| 82403 | 130 | 10 | 70 | <1 | 50 | 10 | <0.01 | <10 | 60 | 2.45 |
| 82404 | 60 | 30 | 190 | <1 | 50 | 10 | <0.01 | <10 | 20 | 0.38 |
| 82405 | 140 | 40 | 200 | 3 | 150 | 30 | <0.01 | 50 | 30 | 1.30 |
| 82406 | 130 | 20 | 150 | 2 | 50 | 20 | <0.01 | <10 | 40 | 1.78 |
| 82407 | 60 | <10 | 40 | <1 | <50 | 10 | <0.01 | <10 | <10 | 1.39 |
| 82408 | 3150 | <10 | 100 | <1 | 50 | 20 | <0.01 | 20 | 20 | 0.41 |
| 82409 | 40 | <10 | 40 | <1 | 50 | 20 | <0.01 | <10 | 20 | 0.11 |
| 82410 | 40 | <10 | 60 | <1 | 50 | 10 | <0.01 | 40 | 20 | 0.22 |
| 82411 | 10 | <10 | 50 | <1 | 50 | 20 | <0.01 | 10 | <10 | <0.01 |
| 82412 | <10 | <10 | 40 | <1 | <50 | 20 | <0.01 | <10 | 40 | <0.01 |
| 82413 | 20 | <10 | 50 | <1 | 50 | 20 | <0.01 | <10 | 10 | 0.08 |
| 82414 | 30 | <10 | 60 | <1 | <50 | 10 | <0.01 | <10 | 30 | 0.27 |
| 82415 | 20 | 10 | 70 | <1 | 50 | 20 | <0.01 | 20 | 30 | 0.27 |
| 82416 | 10 | <10 | 60 | <1 | 50 | 20 | <0.01 | 40 | 10 | 0.23 |
| 82417 | 20 | 20 | 110 | <1 | 50 | 20 | <0.01 | 30 | 20 | 0.12 |
| 82418 | 60 | <10 | 50 | <1 | 50 | 20 | <0.01 | 50 | 20 | 1.32 |
| 82419 | 90 | <10 | 30 | 2 | 150 | 20 | <0.01 | 50 | 80 | 4.06 |
| 82420 | 60 | <10 | 20 | 2 | 100 | 20 | <0.01 | 50 | 80 | 2.22 |
| 82421 | 80 | <10 | 50 | 1 | 50 | 20 | <0.01 | 20 | 50 | 1.98 |
| 82422 | 30 | <10 | 40 | <1 | 50 | 20 | <0.01 | 20 | 20 | 0.21 |
| 82423 | 20 | <10 | 40 | <1 | <50 | 10 | <0.01 | 10 | 10 | 0.01 |
| 82424 | 10 | <10 | 20 | <1 | 50 | 10 | <0.01 | <10 | 20 | <0.01 |
| 82425 | IS | IS | IS | IS | IS | IS | 3.55 | <10 | 340 | 7.72 |
| 82426 | IS | IS | IS | IS | IS | IS | 0.08 | <10 | 40 | <0.01 |

IS: Insufficient sample for AAS analysis.

Duplicates & Standards

| Sample | Cu | Pb | Zn | Ag | As | Bi | Au | Sn | WO ₃ | S |
|----------|-----|-----|-----|-----|-----|-----|------|-----|-----------------|-------|
| | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % |
| 82412 | 10 | <10 | 30 | <1 | 50 | 20 | n/a | <10 | 30 | <0.01 |
| 82424 | 10 | <10 | 20 | <1 | <50 | 10 | n/a | <10 | 20 | <0.01 |
| 82426 | n/a | n/a | n/a | n/a | n/a | n/a | 0.06 | n/a | n/a | n/a |
| Au ST 06 | n/a | n/a | n/a | n/a | n/a | n/a | 1.10 | n/a | n/a | n/a |
| Au ST 16 | n/a | n/a | n/a | n/a | n/a | n/a | 0.48 | n/a | n/a | n/a |

Certified Values

| Sample | Cu | Pb | Zn | Ag | As | Bi | Au | Sn | WO ₃ | S |
|----------|-----|-----|-----|-----|-----|-----|------|-----|-----------------|-----|
| | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % |
| Au ST 06 | n/a | n/a | n/a | n/a | n/a | n/a | 1.10 | n/a | n/a | n/a |
| Au ST 16 | n/a | n/a | n/a | n/a | n/a | n/a | 0.50 | n/a | n/a | n/a |



Ricky Gelston
Chief Chemist



Burnie RESEARCH LABORATORY

A Division of AMMTEC Ltd ABN: 40 396 637 856
Hydrometallurgy Consultants & Flotation Technology Specialists

39 River Road, Wivenhoe, TAS 7320 PO Box 952, Burnie, TAS 7320 Tel: 61 3 6431 6333 Fax: 61 3 6431 6896

Mr. Russell Meares
Malachite Resources NL
P.O. Box 42, Lindfield, NSW, 2070

Despatch No. MR/02/05

Sample Type: Drillcore

| Sample | Cu | Pb | Zn | Ag | As | Bi | Au | Sn | WO ₃ | S |
|--------|-----|-----|-----|-----|-----|-----|-------|-----|-----------------|-------|
| | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % |
| 82427 | 30 | 10 | 50 | <1 | 100 | 20 | <0.01 | 10 | 20 | 0.06 |
| 82428 | 90 | <10 | 50 | <1 | 100 | 20 | <0.01 | 30 | 20 | 0.05 |
| 82429 | 20 | <10 | 40 | 1 | 450 | 30 | <0.01 | 20 | 20 | <0.01 |
| 82430 | 20 | <10 | 50 | 2 | 50 | 20 | 0.08 | 50 | <10 | 0.07 |
| 82431 | <10 | <10 | 40 | 2 | 100 | 20 | <0.01 | 30 | 20 | <0.01 |
| 82432 | 10 | 10 | 30 | 1 | 50 | 20 | <0.01 | 50 | 20 | 0.44 |
| 82433 | 10 | 10 | 40 | 2 | 50 | 30 | <0.01 | 90 | 40 | 0.12 |
| 82434 | 30 | 20 | 20 | 2 | 50 | 20 | <0.01 | 100 | 70 | 2.36 |
| 82435 | 50 | <10 | 20 | 2 | 50 | 20 | <0.01 | 100 | 90 | 4.88 |
| 82436 | 50 | <10 | 10 | 1 | 50 | 20 | <0.01 | 80 | 70 | 4.37 |
| 82437 | 10 | <10 | 60 | 2 | 50 | 20 | <0.01 | 60 | 20 | 0.02 |
| 82438 | <10 | <10 | 50 | 1 | 50 | 20 | <0.01 | 60 | 20 | 0.02 |
| 82439 | 10 | <10 | 30 | 1 | 50 | 20 | <0.01 | 70 | 30 | 0.87 |
| 82440 | 20 | <10 | 30 | 1 | 50 | 20 | <0.01 | 70 | 20 | 1.33 |
| 82441 | 10 | <10 | 40 | 1 | 50 | 20 | <0.01 | 40 | 20 | 0.03 |
| 82442 | 10 | <10 | 30 | 1 | 50 | 20 | <0.01 | 10 | 20 | <0.01 |
| 82443 | 10 | <10 | 30 | 1 | <50 | 20 | <0.01 | <10 | 30 | <0.01 |
| 82444 | 10 | <10 | 30 | 1 | <50 | 10 | <0.01 | <10 | 20 | <0.01 |
| 82445 | 70 | <10 | 20 | 1 | <50 | 10 | <0.01 | <10 | 30 | 0.03 |
| 82446 | 30 | <10 | 20 | 1 | <50 | 10 | <0.01 | <10 | 30 | <0.01 |
| 82447 | 70 | <10 | 20 | 1 | 50 | 10 | <0.01 | <10 | 10 | 0.07 |
| 82448 | 90 | <10 | 20 | 1 | 50 | 10 | <0.01 | <10 | 10 | 0.27 |
| 82449 | 30 | <10 | 20 | 1 | <50 | 10 | <0.01 | <10 | 20 | 0.04 |
| 82450 | 50 | <10 | 50 | <1 | <50 | 10 | <0.01 | 40 | 10 | <0.01 |
| 82451 | 40 | <10 | 30 | 1 | <50 | 10 | <0.01 | <10 | 20 | 0.15 |
| 82452 | 20 | <10 | 40 | 1 | <50 | 20 | <0.01 | <10 | 20 | 0.02 |
| 82453 | 10 | <10 | 40 | 1 | 50 | 10 | <0.01 | <10 | 20 | 0.05 |
| 82454 | 10 | <10 | 60 | 1 | 50 | 20 | <0.01 | 20 | 20 | 0.07 |
| 82455 | 10 | <10 | 50 | 1 | 50 | 20 | <0.01 | 10 | 10 | 0.24 |
| 82456 | 50 | <10 | 30 | 1 | 50 | 10 | <0.01 | <10 | 20 | 0.60 |
| 82457 | 90 | <10 | 40 | 1 | 50 | 20 | <0.01 | 10 | 10 | 0.42 |
| 82458 | 270 | <10 | 30 | 1 | 100 | 20 | <0.01 | 10 | 40 | 0.90 |
| 82459 | 710 | <10 | 40 | 2 | 50 | 20 | <0.01 | 20 | 90 | 2.98 |
| 82460 | 110 | <10 | 40 | 2 | 50 | 20 | <0.01 | 40 | 50 | 0.57 |

| Sample | Cu | Pb | Zn | Ag | As | Bi | Au | Sn | WO ₃ | S |
|--------|------|-----|-----|-----|------|-----|-------|-----|-----------------|------|
| | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % |
| 82461 | 160 | <10 | 40 | 2 | 50 | 20 | <0.01 | 10 | 20 | 0.99 |
| 82462 | 170 | <10 | 30 | 1 | 50 | 20 | <0.01 | 30 | 10 | 1.20 |
| 82463 | 120 | <10 | 40 | 2 | 50 | 20 | <0.01 | 50 | 20 | 0.96 |
| 82464 | 120 | <10 | 30 | 2 | 50 | 20 | <0.01 | 130 | 50 | 2.18 |
| 82465 | 6800 | 80 | 140 | 2 | 1500 | 20 | 3.25 | <10 | 260 | 8.04 |
| 82466 | 40 | <10 | 50 | 1 | 50 | 30 | <0.01 | 90 | 10 | 0.77 |
| 82467 | 50 | <10 | 40 | 1 | 100 | 20 | <0.01 | 60 | 50 | 1.23 |
| 82468 | 80 | <10 | 40 | 2 | 100 | 20 | <0.01 | 80 | 50 | 2.48 |
| 82469 | 10 | <10 | 60 | 2 | 150 | 30 | <0.01 | 70 | 10 | 0.15 |
| 82470 | 20 | <10 | 40 | 1 | 150 | 20 | <0.01 | 60 | 20 | 0.41 |
| 82471 | 10 | <10 | 40 | 1 | 100 | 20 | <0.01 | 40 | 20 | 0.30 |
| 82472 | 10 | <10 | 50 | 1 | 150 | 20 | <0.01 | 60 | 50 | 0.23 |
| 82473 | 40 | <10 | 50 | 1 | 100 | 20 | <0.01 | 60 | 60 | 1.58 |
| 82474 | 20 | <10 | 30 | 1 | 100 | 10 | <0.01 | 170 | 40 | 0.74 |
| 82475 | 30 | <10 | 40 | 1 | 100 | 20 | <0.01 | 140 | 60 | 1.13 |
| 82476 | 20 | <10 | 40 | 1 | 150 | 20 | <0.01 | 90 | 30 | 0.61 |
| 82477 | 110 | <10 | 20 | 1 | 100 | 20 | 0.03 | 160 | 80 | 4.85 |
| 82478 | 50 | <10 | 40 | 1 | 100 | 20 | <0.01 | 140 | 40 | 2.06 |
| 82479 | 30 | <10 | 50 | 1 | 150 | 20 | <0.01 | 70 | 50 | 1.07 |
| 82480 | 20 | <10 | 60 | 2 | 150 | 20 | <0.01 | 60 | 30 | 0.73 |
| 82481 | 20 | <10 | 40 | 1 | 100 | 20 | <0.01 | 40 | 20 | 0.55 |
| 82482 | 50 | 10 | 60 | 1 | 150 | 10 | 0.76 | <10 | 50 | 0.18 |

Note: Samples 82446 & 82452 assayed at 80ppm Cr.

Duplicates & Standards

| Sample | Cu | Pb | Zn | Ag | As | Bi | Au | Sn | WO ₃ | S |
|----------|-----|-----|-----|-----|-----|-----|-------|-----|-----------------|------|
| | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % |
| 82437 | n/a | n/a | n/a | n/a | n/a | n/a | <0.01 | 60 | 10 | 0.01 |
| 82446 | n/a | n/a | n/a | n/a | n/a | n/a | <0.01 | n/a | n/a | n/a |
| 82448 | 90 | <10 | 30 | 1 | 50 | 10 | n/a | n/a | n/a | n/a |
| 82457 | n/a | n/a | n/a | n/a | n/a | n/a | <0.01 | 20 | 30 | 0.43 |
| 82466 | n/a | n/a | n/a | n/a | n/a | n/a | <0.01 | n/a | n/a | n/a |
| 82472 | 10 | <10 | 40 | 1 | 100 | 20 | n/a | n/a | n/a | n/a |
| 82473 | n/a | n/a | n/a | n/a | n/a | n/a | <0.01 | n/a | n/a | n/a |
| 82477 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | 160 | 90 | 5.18 |
| 82482 | 50 | 10 | 60 | 1 | 100 | 10 | 0.77 | n/a | n/a | n/a |
| Au ST 05 | n/a | n/a | n/a | n/a | n/a | n/a | 2.18 | n/a | n/a | n/a |
| Au ST 06 | n/a | n/a | n/a | n/a | n/a | n/a | 1.04 | n/a | n/a | n/a |
| Au ST 10 | n/a | n/a | n/a | n/a | n/a | n/a | 3.05 | n/a | n/a | n/a |
| Au ST 16 | n/a | n/a | n/a | n/a | n/a | n/a | 0.47 | n/a | n/a | n/a |

Certified Values

| Sample | Cu | Pb | Zn | Ag | As | Bi | Au | Sn | WO ₃ | S |
|----------|-----|-----|-----|-----|-----|-----|------|-----|-----------------|-----|
| | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % |
| Au ST 05 | n/a | n/a | n/a | n/a | n/a | n/a | 2.36 | n/a | n/a | n/a |
| Au ST 06 | n/a | n/a | n/a | n/a | n/a | n/a | 1.10 | n/a | n/a | n/a |
| Au ST 10 | n/a | n/a | n/a | n/a | n/a | n/a | 3.40 | n/a | n/a | n/a |
| Au ST 16 | n/a | n/a | n/a | n/a | n/a | n/a | 0.50 | n/a | n/a | n/a |



Ricky Gelston
Chief Chemist



Burnie RESEARCH LABORATORY

A Division of AMMTEC Ltd ABN: 40 396 637 856
Hydrometallurgy Consultants & Flotation Technology Specialists

39 River Road, Wivenhoe, TAS 7320 PO Box 952, Burnie, TAS 7320 Tel: 61 3 6431 6333 Fax: 61 3 6431 6896

Mr. Russell Meares
Malachite Resources NL
P.O. Box 42, Lindfield, NSW, 2070

Despatch No. MR/03/05

Sample Type: Drillcore

| Sample | Cu | Pb | Zn | Ag | As | Bi | Au | Sn | WO ₃ | S |
|--------|-----|-----|-----|-----|-----|-----|-------|-----|-----------------|-------|
| | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % |
| 82483 | 40 | <10 | 30 | <1 | 100 | 20 | 0.04 | 140 | 50 | 1.56 |
| 82484 | 20 | 10 | 40 | <1 | 50 | 20 | 0.02 | 180 | 80 | 1.00 |
| 82485 | 60 | <10 | 40 | 1 | 100 | 20 | 0.01 | 110 | 60 | 4.93 |
| 82486 | 60 | <10 | 70 | <1 | 100 | 10 | 0.80 | 30 | 40 | 0.26 |
| 82487 | 30 | <10 | 50 | <1 | 50 | 20 | 0.02 | 100 | 40 | 1.07 |
| 82488 | 30 | 40 | 60 | <1 | 50 | 10 | <0.01 | 120 | 20 | 1.53 |
| 82489 | 40 | 30 | 50 | <1 | 50 | 10 | <0.01 | 130 | 70 | 2.09 |
| 82490 | 30 | 30 | 70 | <1 | 50 | 10 | <0.01 | 140 | 40 | 1.22 |
| 82491 | 20 | 10 | 90 | <1 | 50 | 10 | <0.01 | 120 | 70 | 0.62 |
| 82492 | 20 | 30 | 50 | <1 | 50 | 10 | 0.02 | 90 | 40 | 0.39 |
| 82493 | 10 | 10 | 50 | <1 | 100 | 10 | 0.07 | 110 | 40 | 0.88 |
| 82494 | 20 | 20 | 30 | <1 | 50 | 10 | 0.03 | 130 | 30 | 0.07 |
| 82495 | 30 | 20 | 40 | <1 | 50 | 10 | <0.01 | 150 | 50 | 1.60 |
| 82496 | 10 | <10 | 70 | 1 | 100 | 20 | <0.01 | 90 | 10 | 0.09 |
| 82497 | 20 | 10 | 50 | <1 | 100 | 20 | <0.01 | 160 | 40 | 0.85 |
| 82498 | 20 | 10 | 40 | <1 | 50 | 10 | 0.05 | 130 | 30 | 0.29 |
| 82499 | 130 | 30 | 50 | 1 | 50 | 20 | <0.01 | 100 | 90 | 6.47 |
| 82500 | 150 | 30 | 50 | 1 | 50 | 20 | 0.04 | 110 | 70 | 7.67 |
| 82501 | 60 | 30 | 70 | 1 | 100 | 20 | 0.03 | 140 | 60 | 2.64 |
| 82502 | 70 | 20 | 50 | 1 | 100 | 20 | <0.01 | 80 | 30 | 3.02 |
| 82503 | 60 | 40 | 50 | 1 | 100 | 10 | <0.01 | 110 | 60 | 2.81 |
| 82504 | 70 | 40 | 60 | 1 | 50 | 20 | <0.01 | 140 | 40 | 3.06 |
| 82505 | 120 | 20 | 40 | 1 | 100 | 20 | <0.01 | 70 | 80 | 6.21 |
| 82506 | 80 | 30 | 40 | 1 | 100 | 20 | <0.01 | 130 | 60 | 3.88 |
| 82507 | 50 | 30 | 50 | 1 | 100 | 20 | <0.01 | 150 | 60 | 2.42 |
| 82508 | 30 | 20 | 40 | <1 | 50 | 10 | <0.01 | 120 | 50 | 1.53 |
| 82509 | 30 | 20 | 70 | <1 | 50 | 10 | <0.01 | 110 | 40 | 1.69 |
| 82510 | 40 | 20 | 50 | 1 | 100 | 10 | <0.01 | 140 | 70 | 1.83 |
| 82511 | 30 | 30 | 50 | <1 | 100 | 20 | <0.01 | 120 | 80 | 1.60 |
| 82512 | 50 | 20 | 30 | 1 | 100 | 20 | <0.01 | 140 | 50 | 2.70 |
| 82513 | 50 | <10 | 50 | <1 | 50 | 10 | <0.01 | 30 | 30 | <0.01 |
| 82514 | 90 | 10 | 20 | 1 | 100 | 20 | <0.01 | 120 | 50 | 4.23 |
| 82515 | 90 | 10 | 30 | <1 | 50 | 10 | <0.01 | 90 | 40 | 4.52 |
| 82516 | 100 | 50 | 20 | <1 | 50 | 10 | <0.01 | 50 | 70 | 4.36 |

| Sample | Cu | Pb | Zn | Ag | As | Bi | Au | Sn | WO ₃ | S |
|--------|------|-----|-----|-----|------|-----|-------|-----|-----------------|------|
| | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % |
| 82517 | 30 | 10 | 50 | 1 | 50 | 20 | <0.01 | 120 | 30 | 0.83 |
| 82518 | 70 | 30 | 50 | <1 | 50 | 10 | <0.01 | 90 | 60 | 2.23 |
| 82519 | 70 | 30 | 40 | 1 | 100 | 20 | <0.01 | 80 | 50 | 3.06 |
| 82520 | 60 | 10 | 30 | <1 | 50 | 10 | <0.01 | 90 | 40 | 2.43 |
| 82521 | 80 | 10 | 30 | 1 | 50 | 20 | <0.01 | 50 | 60 | 3.05 |
| 82522 | 70 | 10 | 30 | 1 | 50 | 20 | <0.01 | 50 | 30 | 2.84 |
| 82523 | 90 | 20 | 60 | 1 | 100 | 20 | <0.01 | 50 | 60 | 4.66 |
| 82524 | 90 | 20 | 40 | 1 | 100 | 20 | <0.01 | 50 | 40 | 4.27 |
| 82525 | 90 | 10 | 30 | 1 | 100 | 10 | <0.01 | 30 | 60 | 4.37 |
| 82526 | 110 | 10 | 20 | 1 | 50 | 20 | <0.01 | 50 | 70 | 5.29 |
| 82527 | 90 | 20 | 50 | 1 | 100 | 20 | <0.01 | 60 | 60 | 4.67 |
| 82528 | 90 | 20 | 50 | 1 | 50 | 20 | <0.01 | 80 | 110 | 4.26 |
| 82529 | 100 | <10 | 50 | 1 | 100 | 20 | <0.01 | 20 | 40 | 5.60 |
| 82530 | 110 | <10 | 20 | 1 | 100 | 20 | <0.01 | 50 | 40 | 6.11 |
| 82531 | 50 | 30 | 60 | 1 | 100 | 10 | <0.01 | 120 | 70 | 2.69 |
| 82532 | 20 | 40 | 40 | <1 | 100 | 10 | <0.01 | 110 | 40 | 0.73 |
| 82533 | 50 | 40 | 50 | 1 | 100 | 10 | <0.01 | 80 | 50 | 3.25 |
| 82534 | 50 | 10 | 40 | 1 | 100 | 20 | <0.01 | 70 | 50 | 2.93 |
| 82535 | 50 | 20 | 40 | 1 | 100 | 20 | <0.01 | 60 | 60 | 3.81 |
| 82536 | 60 | 20 | 30 | 1 | 100 | 20 | <0.01 | 80 | 40 | 4.05 |
| 82537 | 70 | 30 | 40 | 1 | 100 | 20 | <0.01 | 60 | 40 | 5.11 |
| 82538 | 30 | 40 | 60 | 1 | 100 | 20 | <0.01 | 90 | 40 | 1.75 |
| 82539 | 30 | 30 | 70 | 1 | 100 | 20 | <0.01 | 80 | 50 | 1.85 |
| 82540 | 30 | 10 | 30 | 1 | 100 | 20 | <0.01 | 80 | 30 | 1.51 |
| 82541 | 6570 | 80 | 160 | 2 | 1650 | 30 | 3.21 | IS | IS | IS |
| 82542 | 40 | 30 | 50 | 1 | 100 | 20 | <0.01 | 70 | 50 | 3.13 |

IS:Insufficient sample for XRF analysis

Duplicates & Standards

| Sample | Cu | Pb | Zn | Ag | As | Bi | Au | Sn | WO ₃ | S |
|----------|-----|-----|-----|-----|-----|-----|-------|-----|-----------------|------|
| | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % |
| 82490 | n/a | n/a | n/a | n/a | n/a | n/a | <0.01 | n/a | n/a | n/a |
| 82494 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | 110 | 50 | 0.06 |
| 82505 | 120 | 20 | 30 | 1 | 100 | 20 | n/a | n/a | n/a | n/a |
| 82509 | n/a | n/a | n/a | n/a | n/a | n/a | <0.01 | n/a | n/a | n/a |
| 82514 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | 110 | 60 | 4.16 |
| 82519 | n/a | n/a | n/a | n/a | n/a | n/a | <0.01 | n/a | n/a | n/a |
| 82528 | 90 | 20 | 50 | 1 | 50 | 20 | n/a | n/a | n/a | n/a |
| 82532 | n/a | n/a | n/a | n/a | n/a | n/a | <0.01 | n/a | n/a | n/a |
| 82534 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | 100 | 40 | 2.93 |
| 82542 | 40 | 30 | 50 | 1 | 100 | 20 | <0.01 | n/a | n/a | n/a |
| Au ST 05 | n/a | n/a | n/a | n/a | n/a | n/a | 2.29 | n/a | n/a | n/a |
| Au ST 06 | n/a | n/a | n/a | n/a | n/a | n/a | 1.09 | n/a | n/a | n/a |
| Au ST 10 | n/a | n/a | n/a | n/a | n/a | n/a | 3.17 | n/a | n/a | n/a |
| Au ST 16 | n/a | n/a | n/a | n/a | n/a | n/a | 0.50 | n/a | n/a | n/a |

Certified Values

| Sample | Cu | Pb | Zn | Ag | As | Bi | Au | Sn | WO ₃ | S |
|----------|-----|-----|-----|-----|-----|-----|------|-----|-----------------|-----|
| | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % |
| Au ST 05 | n/a | n/a | n/a | n/a | n/a | n/a | 2.36 | n/a | n/a | n/a |
| Au ST 06 | n/a | n/a | n/a | n/a | n/a | n/a | 1.10 | n/a | n/a | n/a |
| Au ST 10 | n/a | n/a | n/a | n/a | n/a | n/a | 3.40 | n/a | n/a | n/a |
| Au ST 16 | n/a | n/a | n/a | n/a | n/a | n/a | 0.50 | n/a | n/a | n/a |



Ricky Gelston
Chief Chemist