

**Metals**

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**DUPLICATE SAMPLE SUMMARY**

**Client:** Kleinfelder **Level:** LOW **SDG No.:** Q3155  
**Contract:** POWE02 **Lab Code:** ACE  
**Matrix:** Solid **Sample ID:** Q3157-01 **Client ID:** 20-DEAD-1DUP

**Percent Solids for Sample:** 90.9 **Duplicate ID** Q3157-01DUP **Percent Solids for Spike Sample:** 90.9

| Analyte    | Units | Acceptance Limit | Sample Result | C | Duplicate Result | C | RPD | Qual | M |
|------------|-------|------------------|---------------|---|------------------|---|-----|------|---|
| Aluminum   | mg/Kg | 20               | 7720          |   | 7880             |   | 2   |      | P |
| Antimony   | mg/Kg | 20               | 2.39          | U | 2.62             | U |     |      | P |
| Arsenic    | mg/Kg | 20               | 2.77          |   | 2.64             |   | 5   |      | P |
| Barium     | mg/Kg | 20               | 43.5          |   | 45.9             |   | 5   |      | P |
| Beryllium  | mg/Kg | 20               | 0.62          |   | 0.68             |   | 8   |      | P |
| Boron      | mg/Kg | 20               | 11.3          |   | 9.75             |   | 15  |      | P |
| Cadmium    | mg/Kg | 20               | 0.42          |   | 0.44             |   | 5   |      | P |
| Chromium   | mg/Kg | 20               | 15.2          |   | 15.6             |   | 3   |      | P |
| Cobalt     | mg/Kg | 20               | 9.74          |   | 11.0             |   | 12  |      | P |
| Copper     | mg/Kg | 20               | 33.5          |   | 34.1             |   | 2   |      | P |
| Iron       | mg/Kg | 20               | 17600         |   | 17900            |   | 2   |      | P |
| Lead       | mg/Kg | 20               | 54.1          |   | 18.2             |   | 99  | *    | P |
| Manganese  | mg/Kg | 20               | 316           |   | 388              |   | 20  |      | P |
| Molybdenum | mg/Kg | 20               | 9.57          | U | 10.5             | U |     |      | P |
| Nickel     | mg/Kg | 20               | 15.7          |   | 16.9             |   | 7   |      | P |
| Selenium   | mg/Kg | 20               | 0.96          | U | 1.05             | U |     |      | P |
| Silver     | mg/Kg | 20               | 0.42          | J | 0.29             | J | 36  |      | P |
| Thallium   | mg/Kg | 20               | 1.91          | U | 2.10             | U |     |      | P |
| Vanadium   | mg/Kg | 20               | 33.2          |   | 33.4             |   | 1   |      | P |
| Zinc       | mg/Kg | 20               | 38.9          |   | 38.5             |   | 1   |      | P |

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**DUPLICATE SAMPLE SUMMARY**

|                                   |                    |                     |                   |                                         |                     |
|-----------------------------------|--------------------|---------------------|-------------------|-----------------------------------------|---------------------|
| <b>Client:</b>                    | <u>Kleinfelder</u> | <b>Level:</b>       | <u>LOW</u>        | <b>SDG No.:</b>                         | <u>Q3155</u>        |
| <b>Contract:</b>                  | <u>POWE02</u>      |                     |                   | <b>Lab Code:</b>                        | <u>ACE</u>          |
| <b>Matrix:</b>                    | <u>Solid</u>       | <b>Sample ID:</b>   | <u>Q3157-01MS</u> | <b>Client ID:</b>                       | <u>20-DEAD-1MSD</u> |
| <b>Percent Solids for Sample:</b> | 90.9               | <b>Duplicate ID</b> | Q3157-01MSD       | <b>Percent Solids for Spike Sample:</b> | 90.9                |

| Analyte    | Units | Acceptance Limit | Sample Result | C | Duplicate Result | C | RPD | Qual | M |
|------------|-------|------------------|---------------|---|------------------|---|-----|------|---|
| Aluminum   | mg/Kg | 20               | 8940          |   | 8530             |   | 5   |      | P |
| Antimony   | mg/Kg | 20               | 15.4          |   | 15.4             |   | 0   |      | P |
| Arsenic    | mg/Kg | 20               | 33.3          |   | 33.2             |   | 0   |      | P |
| Barium     | mg/Kg | 20               | 54.4          |   | 55.1             |   | 1   |      | P |
| Beryllium  | mg/Kg | 20               | 8.36          |   | 8.29             |   | 1   |      | P |
| Boron      | mg/Kg | 20               | 31.2          |   | 22.0             |   | 35  | *    | P |
| Cadmium    | mg/Kg | 20               | 9.73          |   | 9.45             |   | 3   |      | P |
| Chromium   | mg/Kg | 20               | 31.8          |   | 31.1             |   | 2   |      | P |
| Cobalt     | mg/Kg | 20               | 20.0          |   | 19.6             |   | 2   |      | P |
| Copper     | mg/Kg | 20               | 44.6          |   | 43.3             |   | 3   |      | P |
| Iron       | mg/Kg | 20               | 17300         |   | 17200            |   | 1   |      | P |
| Lead       | mg/Kg | 20               | 63.8          |   | 60.8             |   | 5   |      | P |
| Manganese  | mg/Kg | 20               | 358           |   | 404              |   | 12  |      | P |
| Molybdenum | mg/Kg | 20               | 16.3          |   | 16.4             |   | 1   |      | P |
| Nickel     | mg/Kg | 20               | 40.0          |   | 41.7             |   | 4   |      | P |
| Selenium   | mg/Kg | 20               | 75.9          |   | 75.4             |   | 1   |      | P |
| Silver     | mg/Kg | 20               | 3.21          |   | 3.37             |   | 5   |      | P |
| Thallium   | mg/Kg | 20               | 80.1          |   | 79.5             |   | 1   |      | P |
| Vanadium   | mg/Kg | 20               | 45.7          |   | 42.9             |   | 6   |      | P |
| Zinc       | mg/Kg | 20               | 45.3          |   | 44.8             |   | 1   |      | P |

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**DUPLICATE SAMPLE SUMMARY**

|                                        |                                   |                                              |
|----------------------------------------|-----------------------------------|----------------------------------------------|
| <b>Client:</b> <u>Kleinfelder</u>      | <b>Level:</b> <u>LOW</u>          | <b>SDG No.:</b> <u>Q3155</u>                 |
| <b>Contract:</b> <u>POWE02</u>         |                                   | <b>Lab Code:</b> <u>ACE</u>                  |
| <b>Matrix:</b> <u>Solid</u>            | <b>Sample ID:</b> <u>Q3159-03</u> | <b>Client ID:</b> <u>VNJ-255DUP</u>          |
| <b>Percent Solids for Sample:</b> 91.5 | <b>Duplicate ID</b> Q3159-03DUP   | <b>Percent Solids for Spike Sample:</b> 91.5 |

| Analyte | Units | Acceptance<br>Limit | Sample<br>Result | C | Duplicate<br>Result | C | RPD | Qual | M  |
|---------|-------|---------------------|------------------|---|---------------------|---|-----|------|----|
| Mercury | mg/Kg | 20                  | 0.017            |   | 0.016               |   | 6   |      | CV |

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**DUPLICATE SAMPLE SUMMARY**

|                                        |                                     |                                              |
|----------------------------------------|-------------------------------------|----------------------------------------------|
| <b>Client:</b> <u>Kleinfelder</u>      | <b>Level:</b> <u>LOW</u>            | <b>SDG No.:</b> <u>Q3155</u>                 |
| <b>Contract:</b> <u>POWE02</u>         |                                     | <b>Lab Code:</b> <u>ACE</u>                  |
| <b>Matrix:</b> <u>Solid</u>            | <b>Sample ID:</b> <u>Q3159-03MS</u> | <b>Client ID:</b> <u>VNJ-255MSD</u>          |
| <b>Percent Solids for Sample:</b> 91.5 | <b>Duplicate ID</b> Q3159-03MSD     | <b>Percent Solids for Spike Sample:</b> 91.5 |

| Analyte | Units | Acceptance Limit | Sample Result | C | Duplicate Result | C | RPD | Qual | M  |
|---------|-------|------------------|---------------|---|------------------|---|-----|------|----|
| Mercury | mg/Kg | 20               | 0.30          |   | 0.34             |   | 15  |      | CV |