

**metals**  
**- 5a -**  
**MATRIX SPIKE SUMMARY**

|                                        |                                   |                                                            |
|----------------------------------------|-----------------------------------|------------------------------------------------------------|
| <b>client:</b> <u>G Environmental</u>  | <b>level:</b> <u>low</u>          | <b>sdg no.:</b> <u>Q2371</u>                               |
| <b>contract:</b> <u>GENV01</u>         | <b>lab code:</b> <u>CHEM</u>      | <b>case no.:</b> <u>Q2371</u> <b>sas no.:</b> <u>Q2371</u> |
| <b>matrix:</b> <u>Solid</u>            | <b>sample id:</b> <u>Q2364-02</u> | <b>client id:</b> <u>GAV1BMS</u>                           |
| <b>Percent Solids for Sample:</b> 85.5 | <b>Spiked ID:</b> Q2364-02MS      | <b>Percent Solids for Spike Sample:</b> 85.5               |

| Analyte   | Units | Acceptance<br>Limit %R | Spiked<br>Result | C | Sample<br>Result | C | Spike<br>Added | %<br>Recovery | Qual | M |
|-----------|-------|------------------------|------------------|---|------------------|---|----------------|---------------|------|---|
| Iron      | mg/Kg | 75 - 125               | 4830             |   | 5660             |   | 150            | -544          |      | P |
| Manganese | mg/Kg | 75 - 125               | 36.7             |   | 40.5             |   | 10.3           | -36           | N    | P |
| Sodium    | mg/Kg | 75 - 125               | 213              |   | 111              |   | 150            | 66            | N    | P |

**metals**  
**- 5a -**  
**MATRIX SPIKE DUPLICATE SUMMARY**

**client:** G Environmental      **level:** low      **sdg no.:** Q2371  
**contract:** GENV01      **lab code:** CHEM      **case no.:** Q2371      **sas no.:** Q2371  
**matrix:** Solid      **sample id:** Q2364-02      **client id:** GAV1BMSD  
**Percent Solids for Sample:** 85.5      **Spiked ID:** Q2364-02MSD      **Percent Solids for Spike Sample:** 85.5

| Analyte   | Units | Acceptance<br>Limit %R | MSD<br>Result | C | Sample<br>Result | C | Spike<br>Added | %<br>Recovery | Qual | M |
|-----------|-------|------------------------|---------------|---|------------------|---|----------------|---------------|------|---|
| Iron      | mg/Kg | 75 - 125               | 4990          |   | 5660             |   | 150            | -463          |      | P |
| Manganese | mg/Kg | 75 - 125               | 39.7          |   | 40.5             |   | 9.7            | -8            |      | P |
| Sodium    | mg/Kg | 75 - 125               | 200           |   | 111              |   | 150            | 61            | N    | P |