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## **CASE NARRATIVE**

**Alliance Technical Group, LLC - Newark**

**Project Name: NJ Soil PT**

**Project # N/A**

**Order ID # Q3483**

**Test Name: Metals Group3**

### **A. Number of Samples and Date of Receipt:**

25 Solid samples were received on 10/29/2025.

### **B. Parameters:**

According to the Chain of Custody document, the following analyses were requested: Metals Group3. This data package contains results for Metals Group3.

### **C. Analytical Techniques:**

The analysis of Metals Group3 was based on method 6020B and digestion based on method 3050 (soils).

### **D. QA/ QC Samples:**

The Holding Times were met for all analysis.

Sample HW1025-PT-MET-SOIL was diluted due to high concentrations for Arsenic, Cadmium, Chromium, Cobalt, Selenium, Silver, Thallium, Tin, and Vanadium.

The Blank Spike met requirements for all compounds.

The Blank analysis did not indicate the presence of lab contamination.

The Calibration met the requirements.

### **E. Additional Comments:**

Collision cell is being used to remove potential interferences. The analytes Na, Mg, Al, K, V, Cr, Mn, Fe, Co, Ni, Cu, Zn, As are being analyzed with collision cell and analytes Be, B, Ca, Ti, Se, Sr, Zr, Mo, Ag, Cd, Sn, Sb, Ba, Tl, Pb, U are being analyzed with Non-Collision Cell. Helium gas is used for the Collision Cell analysis.

Internal standard 6Li was out Side qc limit for samples Q3483-10 in Original so for this sample affected parameter (Beryllium) is reported from 5X Dilution.

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I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature\_\_\_\_\_