# Table B26-3
# B-26 Summary of Chemical Constituents Detected in Soil Mounds, December 2003

| | | | | | Sample ID | B26-EM01 | | | | B26-EM02 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Sample Date | 12/18/03 | | | | 12/18/03 | | | |
| | | | | | Sample Type | N1 | | | | N1 | | | |
| | | | | | Beginning Depth | 0 | | | | 0 | | | |
| | | | | | Ending Depth | 0.5 | | | | 0.5 | | | |
| | | | | | Lab ID | AP63288 | | | | AP63289 | | | |
| | Soil Comparison Criteria | | | | | | | | | | | | |
| | **Lab MDL** | **Lab RL** | **Background[a]** *Soils* | **RRS2-GWP (Ind.)** | **RRS2-SAI (Ind.)** | Results | Flags | Dilution | SQL | Results | Flags | Dilution | SQL |
| **D2216 (%)** | | | | | | | | | | | | | |
| Moisture | | | | | | 12.5 | | | | 15.2 | | | |
| **SW6010B (mg/kg)** | | | | | | | | | | | | | |
| Barium | 0.08 | 1.0 | 186 | 200 | 59,000 | 124.34 | | 1 | 1.0 | 118.9 | | 1 | 1.0 |
| Chromium | 0.1 | 20.0 | 40.2 | 10 | 350,000 | 19.9 | F | 1 | 20.0 | 19.5 | F | 1 | 20.0 |
| Copper | 0.19 | 2.0 | 23.2 | 10 | 350,000 | 13.99 | M | 1 | 2.0 | 14.85 | M | 1 | 2.0 |
| Nickel | 0.12 | 2.0 | 35.5 | 200 | 12,000 | 16.37 | | 1 | 2.0 | 16.15 | | 1 | 2.0 |
| Zinc | 0.63 | 5.0 | 73.2 | 3,100 | 41,000 | 25.59 | M | 1 | 5.0 | 24.62 | M | 1 | 5.0 |
| **SW7060A (mg/kg)** | | | | | | | | | | | | | |
| Arsenic | 0.04 | 0.5 | 19.6 | 5 | 200 | 4.84 | M | 5 | 2.5 | 4.43 | M | 5 | 2.5 |
| **SW7131A (mg/kg)** | | | | | | | | | | | | | |
| Cadmium | 0.01 | 0.1 | 3.0 | 0.5 | 410 | 0.36 | | 2 | 0.2 | 0.34 | | 2 | 0.2 |
| **SW7421 (mg/kg)** | | | | | | | | | | | | | |
| Lead | 0.13 | 0.5 | 84.5 | 1.50 | 1000 | 12.66 | M | 5 | 2.5 | 13.66 | M | 5 | 2.5 |
| **SW7471A (mg/kg)** | | | | | | | | | | | | | |
| Mercury | 0.01 | 0.1 | 0.77 | 0.20 | 10 | 0.02 | F | 1 | 0.1 | 0.02 | F | 1 | 0.1 |

Tables present all laboratory results for analytes detected above the method detection limit.
All samples were analyzed by APPL Inc.
Referenced laboratory package numbers: 43395

**Abbreviations and Notes:**

Highlighted and bolded sample concentrations exceed RRS1 (background) Standards.
Boxed samples indicate results greater than RRS2 Standards.

-- No risk reduction standard or background level available
a Background values from Revised Background Report, 2002
FD1 Field Duplicate
GR Glen Rose
GW-Ind Groundwater medium specific concentration (MSC) for industrial use
GWP-Ind Soil MSC based on groundwater protection
MDL Method Detection Limit
N1 Environmental Sample
NA Not Available
RL Reporting Limit
SAI-Ind Soil MSC for industrial use based on inhalation, ingestion, and dermal contact
SQL Sample Quantitation Limit

**Data Qualifiers:**

B-The analyte was found in an associated blank, as well as in the sample.
F- The analyte was positively identified, but the associated numerical value is below the RL.
J - The analyte was positively identified, the quantitation is an estimation.
M - A matrix effect was present.
U - The analyte was analyzed for, but not detected. The associated numerical value is the MDL.