

A&PC Report of Analysis

Report Recipients: LAURENE ROWELL (4442)

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package page ____ of ____

Login Date: 23-Jan-04

VAST Sample ID: 04-0073

| | |
|---------------|---------------------|
| Sample Point: | EVACUATED CANISTERS |
| Sample Type: | POWDER-DUST |
| Collected: | 9/16/2002 1500 |

| | |
|----------------|-------------------|
| Department | FCP |
| Customer's ID: | SHD-WV-997-02,-03 |

| Analysis | Result *** | Uncertainty | Lab Use Only |
|----------|------------|-------------|-----------------------------|
| Ag | <3.02E+2 | ug/g | Rep19 (1D - RCRA): no flags |
| Ag | <2.69E+2 | ug/g | Rep20 (2D - RCRA): no flags |
| Ag | <2.96E+2 | ug/g | Rep21 (3D - RCRA): no flags |
| Ag | <2.80E+2 | ug/g | Rep22 (4D - RCRA): no flags |
| Ag | <2.50E+2 | ug/g | Rep23 (5D - RCRA): no flags |
| Ag | <3.49E+2 | ug/g | Rep24 (6D - RCRA): no flags |
| Ag | <2.83E+2 | ug/g | Rep25 (7D - RCRA): no flags |
| Ag | <2.96E+2 | ug/g | Rep26 (8D - RCRA): no flags |
| Ag | <3.32E+2 | ug/g | Rep27 (9D - RCRA): no flags |
| Al | 3.48E+4 | ug/g | Rep1 (1D): no flags |
| Al | 3.48E+4 | ug/g | Rep1 (1D): no flags |
| Al | 3.47E+4 | ug/g | Rep2 (2D): no flags |
| Al | 3.47E+4 | ug/g | Rep2 (2D): no flags |
| Al | 3.37E+4 | ug/g | Rep3 (3D): no flags |
| Al | 3.37E+4 | ug/g | Rep3 (3D): no flags |
| Al | 3.77E+4 | ug/g | Rep4 (4D): no flags |
| Al | 3.77E+4 | ug/g | Rep4 (4D): no flags |
| Al | 2.30E+4 | ug/g | Rep5 (5D): no flags |
| Al | 2.30E+4 | ug/g | Rep5 (5D): no flags |

Approved By

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|------|-------------|
| | |
| Name | Date & Time |



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VAST Sample ID: 04-0073

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| Sample Type: | POWDER-DUST | |
| Collected: | 9/16/2002 | 1500 |

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|-----------------------|-------------------|
| Department | FCP |
| Customer's ID: | SHD-WV-997-02,-03 |

| Analysis | Result *** | Uncertainty | Lab Use Only |
|----------|------------|-------------|-----------------------------|
| Al | 3.91E+4 | ug/g | Rep6 (6D): no flags |
| Al | 3.91E+4 | ug/g | Rep6 (6D): no flags |
| Al | 3.88E+4 | ug/g | Rep7 (7D): no flags |
| Al | 3.88E+4 | ug/g | Rep7 (7D): no flags |
| Al | 3.20E+4 | ug/g | Rep8 (8D): no flags |
| Al | 3.20E+4 | ug/g | Rep8 (8D): no flags |
| Al | 3.49E+4 | ug/g | Rep9 (9D): no flags |
| Al | 3.49E+4 | ug/g | Rep9 (9D): no flags |
| As | 6.72E+2 | ug/g | Rep19 (1D - RCRA): no flags |
| As | 5.10E+2 | ug/g | Rep20 (2D - RCRA): no flags |
| As | <3.69E+2 | ug/g | Rep21 (3D - RCRA): no flags |
| As | <3.50E+2 | ug/g | Rep22 (4D - RCRA): no flags |
| As | 3.63E+2 | ug/g | Rep23 (5D - RCRA): no flags |
| As | <4.36E+2 | ug/g | Rep24 (6D - RCRA): no flags |
| As | 5.62E+2 | ug/g | Rep25 (7D - RCRA): no flags |
| As | <3.70E+2 | ug/g | Rep26 (8D - RCRA): no flags |
| As | <4.15E+2 | ug/g | Rep27 (9D - RCRA): no flags |
| B | 3.91E+4 | ug/g | Rep1 (1D): no flags |
| B | 3.91E+4 | ug/g | Rep1 (1D): no flags |
| B | 3.83E+4 | ug/g | Rep2 (2D): no flags |
| B | 3.83E+4 | ug/g | Rep2 (2D): no flags |
| B | 3.86E+4 | ug/g | Rep3 (3D): no flags |
| B | 3.86E+4 | ug/g | Rep3 (3D): no flags |
| B | 3.96E+4 | ug/g | Rep4 (4D): no flags |
| B | 3.96E+4 | ug/g | Rep4 (4D): no flags |

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| Customer's ID: | SHD-WV-997-02,-03 |

| Analysis | Result *** | Uncertainty | Lab Use Only |
|----------|------------|-------------|---------------------|
| B | 2.66E+4 | ug/g | Rep5 (5D): no flags |
| B | 2.66E+4 | ug/g | Rep5 (5D): no flags |
| B | 4.06E+4 | ug/g | Rep6 (6D): no flags |
| B | 4.06E+4 | ug/g | Rep6 (6D): no flags |
| B | 4.05E+4 | ug/g | Rep7 (7D): no flags |
| B | 4.05E+4 | ug/g | Rep7 (7D): no flags |
| B | 3.87E+4 | ug/g | Rep8 (8D): no flags |
| B | 3.87E+4 | ug/g | Rep8 (8D): no flags |
| B | 3.84E+4 | ug/g | Rep9 (9D): no flags |
| B | 3.84E+4 | ug/g | Rep9 (9D): no flags |
| Ba | <3.31E+2 | ug/g | Rep1 (1D): no flags |
| Ba | <7.63E+2 | ug/g | Rep1 (1D): no flags |
| Ba | <3.11E+2 | ug/g | Rep2 (2D): no flags |
| Ba | <6.62E+2 | ug/g | Rep2 (2D): no flags |
| Ba | <3.52E+2 | ug/g | Rep3 (3D): no flags |
| Ba | <7.01E+2 | ug/g | Rep3 (3D): no flags |
| Ba | <3.19E+2 | ug/g | Rep4 (4D): no flags |
| Ba | <6.17E+2 | ug/g | Rep4 (4D): no flags |
| Ba | <2.83E+2 | ug/g | Rep5 (5D): no flags |
| Ba | <6.36E+2 | ug/g | Rep5 (5D): no flags |
| Ba | <4.43E+2 | ug/g | Rep6 (6D): no flags |
| Ba | <8.41E+2 | ug/g | Rep6 (6D): no flags |
| Ba | <3.61E+2 | ug/g | Rep7 (7D): no flags |
| Ba | <6.40E+2 | ug/g | Rep7 (7D): no flags |
| Ba | <3.64E+2 | ug/g | Rep8 (8D): no flags |

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| Analysis | Result *** | Uncertainty | Lab Use Only |
|----------|------------|-------------|-----------------------------|
| Ba | <6.91E+2 | ug/g | Rep8 (8D): no flags |
| Ba | <4.01E+2 | ug/g | Rep9 (9D): no flags |
| Ba | <7.69E+2 | ug/g | Rep9 (9D): no flags |
| Ca | 1.45E+3 | ug/g | Rep1 (1D): no flags |
| Ca | 1.41E+3 | ug/g | Rep2 (2D): no flags |
| Ca | 1.39E+3 | ug/g | Rep3 (3D): no flags |
| Ca | 1.57E+3 | ug/g | Rep4 (4D): no flags |
| Ca | 9.35E+2 | ug/g | Rep5 (5D): no flags |
| Ca | 1.54E+3 | ug/g | Rep6 (6D): no flags |
| Ca | 1.78E+3 | ug/g | Rep7 (7D): no flags |
| Ca | 1.27E+3 | ug/g | Rep8 (8D): no flags |
| Ca | 1.38E+3 | ug/g | Rep9 (9D): no flags |
| Cd | <7.56E+1 | ug/g | Rep19 (1D - RCRA): no flags |
| Cd | 7.30E+1 | ug/g | Rep20 (2D - RCRA): no flags |
| Cd | 7.67E+1 | ug/g | Rep21 (3D - RCRA): no flags |
| Cd | 7.62E+1 | ug/g | Rep22 (4D - RCRA): no flags |
| Cd | <6.25E+1 | ug/g | Rep23 (5D - RCRA): no flags |
| Cd | <8.72E+1 | ug/g | Rep24 (6D - RCRA): no flags |
| Cd | 7.50E+1 | ug/g | Rep25 (7D - RCRA): no flags |
| Cd | 7.93E+1 | ug/g | Rep26 (8D - RCRA): no flags |
| Cd | <8.31E+1 | ug/g | Rep27 (9D - RCRA): no flags |
| Ce | 2.93E+3 | ug/g | Rep1 (1D): no flags |
| Ce | 2.99E+3 | ug/g | Rep2 (2D): no flags |
| Ce | 2.96E+3 | ug/g | Rep3 (3D): no flags |
| Ce | 2.99E+3 | ug/g | Rep4 (4D): no flags |

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|----------|------------|-------------|---------------------|
| Ce | 1.93E+3 | ug/g | Rep5 (5D): no flags |
| Ce | 3.33E+3 | ug/g | Rep6 (6D): no flags |
| Ce | 3.13E+3 | ug/g | Rep7 (7D): no flags |
| Ce | 2.93E+3 | ug/g | Rep8 (8D): no flags |
| Ce | 3.07E+3 | ug/g | Rep9 (9D): no flags |
| Cr | 2.05E+3 | ug/g | Rep1 (1D): no flags |
| Cr | 2.05E+3 | ug/g | Rep1 (1D): no flags |
| Cr | 2.00E+3 | ug/g | Rep2 (2D): no flags |
| Cr | 2.00E+3 | ug/g | Rep2 (2D): no flags |
| Cr | 2.04E+3 | ug/g | Rep3 (3D): no flags |
| Cr | 2.04E+3 | ug/g | Rep3 (3D): no flags |
| Cr | 2.07E+3 | ug/g | Rep4 (4D): no flags |
| Cr | 2.07E+3 | ug/g | Rep4 (4D): no flags |
| Cr | 1.40E+3 | ug/g | Rep5 (5D): no flags |
| Cr | 1.40E+3 | ug/g | Rep5 (5D): no flags |
| Cr | 2.14E+3 | ug/g | Rep6 (6D): no flags |
| Cr | 2.14E+3 | ug/g | Rep6 (6D): no flags |
| Cr | 2.17E+3 | ug/g | Rep7 (7D): no flags |
| Cr | 2.17E+3 | ug/g | Rep7 (7D): no flags |
| Cr | 2.03E+3 | ug/g | Rep8 (8D): no flags |
| Cr | 2.03E+3 | ug/g | Rep8 (8D): no flags |
| Cr | 2.01E+3 | ug/g | Rep9 (9D): no flags |
| Cr | 2.01E+3 | ug/g | Rep9 (9D): no flags |
| Fe | 8.35E+4 | ug/g | Rep1 (1D): no flags |
| Fe | 8.35E+4 | ug/g | Rep1 (1D): no flags |

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|----------|------------|-------------|------------------------------|
| Fe | 8.17E+4 | ug/g | Rep2 (2D): no flags |
| Fe | 8.17E+4 | ug/g | Rep2 (2D): no flags |
| Fe | 8.29E+4 | ug/g | Rep3 (3D): no flags |
| Fe | 8.29E+4 | ug/g | Rep3 (3D): no flags |
| Fe | 8.53E+4 | ug/g | Rep4 (4D): no flags |
| Fe | 8.53E+4 | ug/g | Rep4 (4D): no flags |
| Fe | 5.72E+4 | ug/g | Rep5 (5D): no flags |
| Fe | 5.72E+4 | ug/g | Rep5 (5D): no flags |
| Fe | 8.76E+4 | ug/g | Rep6 (6D): no flags |
| Fe | 8.76E+4 | ug/g | Rep6 (6D): no flags |
| Fe | 8.75E+4 | ug/g | Rep7 (7D): no flags |
| Fe | 8.75E+4 | ug/g | Rep7 (7D): no flags |
| Fe | 8.28E+4 | ug/g | Rep8 (8D): no flags |
| Fe | 8.28E+4 | ug/g | Rep8 (8D): no flags |
| Fe | 8.26E+4 | ug/g | Rep9 (9D): no flags |
| Fe | 8.26E+4 | ug/g | Rep9 (9D): no flags |
| Hg | <19100 | ng/g | Rep4 (1DB REPEAT): no flags |
| Hg | <16500 | ng/g | Rep5 (2DB REPEAT): no flags |
| Hg | <17500 | ng/g | Rep6 (3DB REPEAT): no flags |
| Hg | <15400 | ng/g | Rep7 (4DB REPEAT): no flags |
| Hg | <15900 | ng/g | Rep8 (5DB REPEAT): no flags |
| Hg | <21000 | ng/g | Rep9 (6DB REPEAT): no flags |
| Hg | <16000 | ng/g | Rep10 (7DB REPEAT): no flags |
| Hg | <17300 | ng/g | Rep11 (8DB REPEAT): no flags |
| Hg | <19200 | ng/g | Rep12 (9DB REPEAT): no flags |

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| Analysis | Result *** | Uncertainty | Lab Use Only |
|----------|------------|-------------|---------------------|
| K | 3.73E+4 | ug/g | Rep1 (1D): no flags |
| K | 3.68E+4 | ug/g | Rep2 (2D): no flags |
| K | 3.71E+4 | ug/g | Rep3 (3D): no flags |
| K | 3.78E+4 | ug/g | Rep4 (4D): no flags |
| K | 2.56E+4 | ug/g | Rep5 (5D): no flags |
| K | 3.93E+4 | ug/g | Rep6 (6D): no flags |
| K | 3.87E+4 | ug/g | Rep7 (7D): no flags |
| K | 3.76E+4 | ug/g | Rep8 (8D): no flags |
| K | 3.73E+4 | ug/g | Rep9 (9D): no flags |
| Li | 1.63E+4 | ug/g | Rep1 (1D): no flags |
| Li | 1.61E+4 | ug/g | Rep2 (2D): no flags |
| Li | 1.57E+4 | ug/g | Rep3 (3D): no flags |
| Li | 1.71E+4 | ug/g | Rep4 (4D): no flags |
| Li | 1.09E+4 | ug/g | Rep5 (5D): no flags |
| Li | 1.77E+4 | ug/g | Rep6 (6D): no flags |
| Li | 1.71E+4 | ug/g | Rep7 (7D): no flags |
| Li | 1.55E+4 | ug/g | Rep8 (8D): no flags |
| Li | 1.60E+4 | ug/g | Rep9 (9D): no flags |
| Mg | 7.59E+3 | ug/g | Rep1 (1D): no flags |
| Mg | 7.53E+3 | ug/g | Rep2 (2D): no flags |
| Mg | 7.49E+3 | ug/g | Rep3 (3D): no flags |
| Mg | 8.15E+3 | ug/g | Rep4 (4D): no flags |
| Mg | 4.76E+3 | ug/g | Rep5 (5D): no flags |
| Mg | 8.36E+3 | ug/g | Rep6 (6D): no flags |
| Mg | 9.22E+3 | ug/g | Rep7 (7D): no flags |

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|-----------------------|-------------------|
| Department | FCP |
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| Analysis | Result *** | Uncertainty | Lab Use Only |
|----------|------------|-------------|---------------------|
| Mg | 6.61E+3 | ug/g | Rep8 (8D): no flags |
| Mg | 7.65E+3 | ug/g | Rep9 (9D): no flags |
| Mn | 5.90E+3 | ug/g | Rep1 (1D): no flags |
| Mn | 5.81E+3 | ug/g | Rep2 (2D): no flags |
| Mn | 5.91E+3 | ug/g | Rep3 (3D): no flags |
| Mn | 6.07E+3 | ug/g | Rep4 (4D): no flags |
| Mn | 4.05E+3 | ug/g | Rep5 (5D): no flags |
| Mn | 6.20E+3 | ug/g | Rep6 (6D): no flags |
| Mn | 6.22E+3 | ug/g | Rep7 (7D): no flags |
| Mn | 5.90E+3 | ug/g | Rep8 (8D): no flags |
| Mn | 5.88E+3 | ug/g | Rep9 (9D): no flags |
| Na | 6.14E+4 | ug/g | Rep1 (1D): no flags |
| Na | 6.06E+4 | ug/g | Rep2 (2D): no flags |
| Na | 5.94E+4 | ug/g | Rep3 (3D): no flags |
| Na | 6.45E+4 | ug/g | Rep4 (4D): no flags |
| Na | 4.08E+4 | ug/g | Rep5 (5D): no flags |
| Na | 6.66E+4 | ug/g | Rep6 (6D): no flags |
| Na | 6.53E+4 | ug/g | Rep7 (7D): no flags |
| Na | 5.78E+4 | ug/g | Rep8 (8D): no flags |
| Na | 6.05E+4 | ug/g | Rep9 (9D): no flags |
| Nd | <1.91E+3 | ug/g | Rep1 (1D): no flags |
| Nd | <1.65E+3 | ug/g | Rep2 (2D): no flags |
| Nd | <1.75E+3 | ug/g | Rep3 (3D): no flags |
| Nd | <1.54E+3 | ug/g | Rep4 (4D): no flags |
| Nd | <1.59E+3 | ug/g | Rep5 (5D): no flags |

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|----------|------------|-------------|-----------------------------|
| Nd | <2.10E+3 | ug/g | Rep6 (6D): no flags |
| Nd | <1.60E+3 | ug/g | Rep7 (7D): no flags |
| Nd | <1.73E+3 | ug/g | Rep8 (8D): no flags |
| Nd | <1.92E+3 | ug/g | Rep9 (9D): no flags |
| Ni | 6.55E+2 | ug/g | Rep1 (1D): no flags |
| Ni | 6.38E+2 | ug/g | Rep2 (2D): no flags |
| Ni | 6.63E+2 | ug/g | Rep3 (3D): no flags |
| Ni | 6.61E+2 | ug/g | Rep4 (4D): no flags |
| Ni | 4.32E+2 | ug/g | Rep5 (5D): no flags |
| Ni | 6.37E+2 | ug/g | Rep6 (6D): no flags |
| Ni | 7.09E+2 | ug/g | Rep7 (7D): no flags |
| Ni | 6.63E+2 | ug/g | Rep8 (8D): no flags |
| Ni | 6.39E+2 | ug/g | Rep9 (9D): no flags |
| P | 5.71E+3 | ug/g | Rep1 (1D): no flags |
| P | 5.61E+3 | ug/g | Rep2 (2D): no flags |
| P | 5.57E+3 | ug/g | Rep3 (3D): no flags |
| P | 5.35E+3 | ug/g | Rep4 (4D): no flags |
| P | 3.72E+3 | ug/g | Rep5 (5D): no flags |
| P | 6.02E+3 | ug/g | Rep6 (6D): no flags |
| P | 5.98E+3 | ug/g | Rep7 (7D): no flags |
| P | 5.38E+3 | ug/g | Rep8 (8D): no flags |
| P | 5.40E+3 | ug/g | Rep9 (9D): no flags |
| Pb | <7.562E+02 | ug/g | Rep19 (1D - RCRA): no flags |
| Pb | <6.725E+02 | ug/g | Rep20 (2D - RCRA): no flags |
| Pb | <7.388E+02 | ug/g | Rep21 (3D - RCRA): no flags |

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| Analysis | Result *** | Uncertainty | Lab Use Only |
|----------|------------|-------------|-----------------------------|
| Pb | <7.004E+02 | ug/g | Rep22 (4D - RCRA): no flags |
| Pb | <6.253E+02 | ug/g | Rep23 (5D - RCRA): no flags |
| Pb | <8.716E+02 | ug/g | Rep24 (6D - RCRA): no flags |
| Pb | <7.084E+02 | ug/g | Rep25 (7D - RCRA): no flags |
| Pb | <7.398E+02 | ug/g | Rep26 (8D - RCRA): no flags |
| Pb | <8.309E+02 | ug/g | Rep27 (9D - RCRA): no flags |
| Ru | 3.55E+2 | ug/g | Rep1 (1D): no flags |
| Ru | 3.60E+2 | ug/g | Rep2 (2D): no flags |
| Ru | <3.52E+2 | ug/g | Rep3 (3D): no flags |
| Ru | 3.81E+2 | ug/g | Rep4 (4D): no flags |
| Ru | <2.83E+2 | ug/g | Rep5 (5D): no flags |
| Ru | <4.43E+2 | ug/g | Rep6 (6D): no flags |
| Ru | 3.82E+2 | ug/g | Rep7 (7D): no flags |
| Ru | <3.64E+2 | ug/g | Rep8 (8D): no flags |
| Ru | <4.01E+2 | ug/g | Rep9 (9D): no flags |
| S | <1.65E+3 | ug/g | Rep1 (1D): no flags |
| S | <1.56E+3 | ug/g | Rep2 (2D): no flags |
| S | <1.76E+3 | ug/g | Rep3 (3D): no flags |
| S | <1.59E+3 | ug/g | Rep4 (4D): no flags |
| S | <1.42E+3 | ug/g | Rep5 (5D): no flags |
| S | <2.22E+3 | ug/g | Rep6 (6D): no flags |
| S | <1.80E+3 | ug/g | Rep7 (7D): no flags |
| S | <1.82E+3 | ug/g | Rep8 (8D): no flags |
| S | <2.00E+3 | ug/g | Rep9 (9D): no flags |
| Se | 3.23E+2 | ug/g | Rep19 (1D - RCRA): no flags |

| Approved By | |
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Login Date: 23-Jan-04

VAST Sample ID: 04-0073

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|----------------------|---------------------|------|
| Sample Point: | EVACUATED CANISTERS | |
| Sample Type: | POWDER-DUST | |
| Collected: | 9/16/2002 | 1500 |

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|-----------------------|-------------------|
| Department | FCP |
| Customer's ID: | SHD-WV-997-02,-03 |

| Analysis | Result *** | Uncertainty | Lab Use Only |
|----------|------------|-------------|-----------------------------|
| Se | 8.66E+2 | ug/g | Rep20 (2D - RCRA): no flags |
| Se | 4.89E+2 | ug/g | Rep21 (3D - RCRA): no flags |
| Se | 2.96E+2 | ug/g | Rep22 (4D - RCRA): no flags |
| Se | <2.50E+2 | ug/g | Rep23 (5D - RCRA): no flags |
| Se | 4.18E+2 | ug/g | Rep24 (6D - RCRA): no flags |
| Se | 7.39E+2 | ug/g | Rep25 (7D - RCRA): no flags |
| Se | <2.96E+2 | ug/g | Rep26 (8D - RCRA): no flags |
| Se | <3.32E+2 | ug/g | Rep27 (9D - RCRA): no flags |
| Si | 2.00E+5 | ug/g | Rep1 (1D): no flags |
| Si | 2.00E+5 | ug/g | Rep1 (1D): no flags |
| Si | 1.97E+5 | ug/g | Rep2 (2D): no flags |
| Si | 1.97E+5 | ug/g | Rep2 (2D): no flags |
| Si | 1.99E+5 | ug/g | Rep3 (3D): no flags |
| Si | 1.99E+5 | ug/g | Rep3 (3D): no flags |
| Si | 2.04E+5 | ug/g | Rep4 (4D): no flags |
| Si | 2.04E+5 | ug/g | Rep4 (4D): no flags |
| Si | 1.36E+5 | ug/g | Rep5 (5D): no flags |
| Si | 1.36E+5 | ug/g | Rep5 (5D): no flags |
| Si | 2.08E+5 | ug/g | Rep6 (6D): no flags |
| Si | 2.08E+5 | ug/g | Rep6 (6D): no flags |
| Si | 2.08E+5 | ug/g | Rep7 (7D): no flags |
| Si | 2.08E+5 | ug/g | Rep7 (7D): no flags |
| Si | 2.00E+5 | ug/g | Rep8 (8D): no flags |
| Si | 2.00E+5 | ug/g | Rep8 (8D): no flags |
| Si | 1.98E+5 | ug/g | Rep9 (9D): no flags |

| Approved By | |
|-------------|-------------|
| Name | Date & Time |



Login Date: 23-Jan-04

VAST Sample ID: 04-0073

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| Sample Point: | EVACUATED CANISTERS | |
| Sample Type: | POWDER-DUST | |
| Collected: | 9/16/2002 | 1500 |

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|-----------------------|-------------------|
| Department | FCP |
| Customer's ID: | SHD-WV-997-02,-03 |

| Analysis | Result *** | Uncertainty | Lab Use Only |
|----------|------------|-------------|---------------------|
| Si | 1.98E+5 | ug/g | Rep9 (9D): no flags |
| Sr | <8.26E+2 | ug/g | Rep1 (1D): no flags |
| Sr | <7.78E+2 | ug/g | Rep2 (2D): no flags |
| Sr | <8.79E+2 | ug/g | Rep3 (3D): no flags |
| Sr | <7.97E+2 | ug/g | Rep4 (4D): no flags |
| Sr | <7.09E+2 | ug/g | Rep5 (5D): no flags |
| Sr | <1.11E+3 | ug/g | Rep6 (6D): no flags |
| Sr | <9.01E+2 | ug/g | Rep7 (7D): no flags |
| Sr | <9.09E+2 | ug/g | Rep8 (8D): no flags |
| Sr | <1.00E+3 | ug/g | Rep9 (9D): no flags |
| Th | 1.87E+3 | ug/g | Rep1 (1D): no flags |
| Th | 1.87E+3 | ug/g | Rep1 (1D): no flags |
| Th | 1.89E+3 | ug/g | Rep2 (2D): no flags |
| Th | 1.89E+3 | ug/g | Rep2 (2D): no flags |
| Th | 1.86E+3 | ug/g | Rep3 (3D): no flags |
| Th | 1.86E+3 | ug/g | Rep3 (3D): no flags |
| Th | 1.90E+3 | ug/g | Rep4 (4D): no flags |
| Th | 1.90E+3 | ug/g | Rep4 (4D): no flags |
| Th | 1.22E+3 | ug/g | Rep5 (5D): no flags |
| Th | 1.22E+3 | ug/g | Rep5 (5D): no flags |
| Th | 2.09E+3 | ug/g | Rep6 (6D): no flags |
| Th | 2.09E+3 | ug/g | Rep6 (6D): no flags |
| Th | 1.98E+3 | ug/g | Rep7 (7D): no flags |
| Th | 1.98E+3 | ug/g | Rep7 (7D): no flags |
| Th | 1.86E+3 | ug/g | Rep8 (8D): no flags |

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| Name | Date & Time |



Login Date: 23-Jan-04

VAST Sample ID: 04-0073

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| Sample Point: | EVACUATED CANISTERS | |
| Sample Type: | POWDER-DUST | |
| Collected: | 9/16/2002 | 1500 |

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|-----------------------|-------------------|
| Department | FCP |
| Customer's ID: | SHD-WV-997-02,-03 |

| Analysis | Result *** | Uncertainty | Lab Use Only |
|----------|------------|-------------|---------------------|
| Th | 1.86E+3 | ug/g | Rep8 (8D): no flags |
| Th | 1.90E+3 | ug/g | Rep9 (9D): no flags |
| Th | 1.90E+3 | ug/g | Rep9 (9D): no flags |
| Ti | 5.13E+3 | ug/g | Rep1 (1D): no flags |
| Ti | 5.01E+3 | ug/g | Rep2 (2D): no flags |
| Ti | 5.07E+3 | ug/g | Rep3 (3D): no flags |
| Ti | 5.20E+3 | ug/g | Rep4 (4D): no flags |
| Ti | 3.47E+3 | ug/g | Rep5 (5D): no flags |
| Ti | 5.32E+3 | ug/g | Rep6 (6D): no flags |
| Ti | 5.31E+3 | ug/g | Rep7 (7D): no flags |
| Ti | 5.07E+3 | ug/g | Rep8 (8D): no flags |
| Ti | 5.02E+3 | ug/g | Rep9 (9D): no flags |
| U | 3.38E+3 | ug/g | Rep1 (1D): U1 |
| U | 3.38E+3 | ug/g | Rep1 (1D): no flags |
| U | 3.32E+3 | ug/g | Rep2 (2D): no flags |
| U | 3.32E+3 | ug/g | Rep2 (2D): U1 |
| U | 3.35E+3 | ug/g | Rep3 (3D): no flags |
| U | 3.35E+3 | ug/g | Rep3 (3D): U1 |
| U | 3.44E+3 | ug/g | Rep4 (4D): U1 |
| U | 3.44E+3 | ug/g | Rep4 (4D): no flags |
| U | 2.31E+3 | ug/g | Rep5 (5D): U1 |
| U | 2.31E+3 | ug/g | Rep5 (5D): no flags |
| U | 3.54E+3 | ug/g | Rep6 (6D): U1 |
| U | 3.54E+3 | ug/g | Rep6 (6D): no flags |
| U | 3.52E+3 | ug/g | Rep7 (7D): U1 |

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| Name | Date & Time |



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| Sample Point: | EVACUATED CANISTERS | |
| Sample Type: | POWDER-DUST | |
| Collected: | 9/16/2002 | 1500 |

| | |
|-----------------------|-------------------|
| Department | FCP |
| Customer's ID: | SHD-WV-997-02,-03 |

| Analysis | Result *** | Uncertainty | Lab Use Only |
|----------|------------|-------------|---------------------|
| U | 3.52E+3 | ug/g | Rep7 (7D): no flags |
| U | 3.39E+3 | ug/g | Rep8 (8D): U1 |
| U | 3.39E+3 | ug/g | Rep8 (8D): no flags |
| U | 3.34E+3 | ug/g | Rep9 (9D): U1 |
| U | 3.34E+3 | ug/g | Rep9 (9D): no flags |
| Zn | <8.26E+2 | ug/g | Rep1 (1D): no flags |
| Zn | <7.78E+2 | ug/g | Rep2 (2D): no flags |
| Zn | <8.79E+2 | ug/g | Rep3 (3D): no flags |
| Zn | <7.97E+2 | ug/g | Rep4 (4D): no flags |
| Zn | <7.09E+2 | ug/g | Rep5 (5D): no flags |
| Zn | <1.11E+3 | ug/g | Rep6 (6D): no flags |
| Zn | <9.01E+2 | ug/g | Rep7 (7D): no flags |
| Zn | <9.09E+2 | ug/g | Rep8 (8D): no flags |
| Zn | <1.00E+3 | ug/g | Rep9 (9D): no flags |
| Zr | 1.02E+4 | ug/g | Rep1 (1D): no flags |
| Zr | 1.02E+4 | ug/g | Rep1 (1D): no flags |
| Zr | 9.97E+3 | ug/g | Rep2 (2D): no flags |
| Zr | 9.97E+3 | ug/g | Rep2 (2D): no flags |
| Zr | 1.01E+4 | ug/g | Rep3 (3D): no flags |
| Zr | 1.01E+4 | ug/g | Rep3 (3D): no flags |
| Zr | 1.04E+4 | ug/g | Rep4 (4D): no flags |
| Zr | 1.04E+4 | ug/g | Rep4 (4D): no flags |
| Zr | 6.93E+3 | ug/g | Rep5 (5D): no flags |
| Zr | 6.93E+3 | ug/g | Rep5 (5D): no flags |
| Zr | 1.06E+4 | ug/g | Rep6 (6D): no flags |

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Login Date: 23-Jan-04

VAST Sample ID: 04-0073

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| Sample Point: | EVACUATED CANISTERS | |
| Sample Type: | POWDER-DUST | |
| Collected: | 9/16/2002 | 1500 |

| | |
|-----------------------|-------------------|
| Department | FCP |
| Customer's ID: | SHD-WV-997-02,-03 |

| Analysis | Result *** | Uncertainty | Lab Use Only |
|------------|------------|---------------|-----------------------------------|
| Zr | 1.06E+4 | ug/g | Rep6 (6D): no flags |
| Zr | 1.06E+4 | ug/g | Rep7 (7D): no flags |
| Zr | 1.06E+4 | ug/g | Rep7 (7D): no flags |
| Zr | 1.01E+4 | ug/g | Rep8 (8D): no flags |
| Zr | 1.01E+4 | ug/g | Rep8 (8D): no flags |
| Zr | 1.00E+4 | ug/g | Rep9 (9D): no flags |
| Zr | 1.00E+4 | ug/g | Rep9 (9D): no flags |
| GrossAlpha | 5.04E+0 | uCi/g 4.42E+0 | Rep4 (1DB Reprep): no flags |
| GrossAlpha | 5.23E+0 | uCi/g 4.19E+0 | Rep5 (2DB Reprep): no flags |
| GrossAlpha | 2.80E+0 | uCi/g 3.17E+0 | Rep6 (3DB Reprep): no flags |
| GrossBeta | 2.69E+3 | uCi/g 1.25E+2 | Rep4 (1DB Reprep): no flags |
| GrossBeta | 2.78E+3 | uCi/g 1.25E+2 | Rep5 (2DB Reprep): no flags |
| GrossBeta | 2.62E+3 | uCi/g 1.21E+2 | Rep6 (3DB Reprep): no flags |
| H3 | <1.31E-2 | uCi/g | Rep1 (#1 Leach): no flags |
| H3 | <9.26E-3 | uCi/g | Rep2 (#2 Leach): no flags |
| H3 | <1.09E-2 | uCi/g | Rep3 (#3 Leach): no flags |
| Sr90 | 1.27E+2 | uCi/g 3.61E+0 | Rep1 (1DB): no flags |
| Sr90 | 1.30E+2 | uCi/g 3.68E+0 | Rep2 (2DB): no flags |
| Sr90 | 1.25E+2 | uCi/g 3.54E+0 | Rep3 (3DB): no flags |
| Tc99 | 9.67E-3 | uCi/g 4.03E-4 | Rep1 (SHD-WV-997 02,03): no flags |
| Tc99 | 9.42E-3 | uCi/g 4.44E-4 | Rep2 (#2): no flags |
| Tc99 | 9.86E-3 | uCi/g 4.65E-4 | Rep3 (#3): no flags |
| C-14 | <8.79E-3 | uCi/g | Rep1 (#1 Leach): no flags |
| C-14 | <6.01E-3 | uCi/g | Rep2 (#2 Leach): no flags |
| C-14 | <7.05E-3 | uCi/g | Rep3 (#3 Leach): no flags |

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| Sample Point: | EVACUATED CANISTERS | |
| Sample Type: | POWDER-DUST | |
| Collected: | 9/16/2002 | 1500 |

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|-----------------------|-------------------|
| Department | FCP |
| Customer's ID: | SHD-WV-997-02,-03 |

| Analysis | Result *** | Uncertainty | Lab Use Only |
|-----------|--------------|---------------|-----------------------------|
| Fe55 | <2.94E-2 | uCi/g | Rep1 (1DB REPEAT): no flags |
| Fe55 | <6.44E-2 | uCi/g | Rep2 (2DB REPEAT): no flags |
| Fe55 | <2.15E-2 | uCi/g | Rep3 (3DB REPEAT): no flags |
| Am241 | 1.49E+0 | uCi/g 8.98E-2 | Rep1 (1DB REPEAT): no flags |
| Am241 | 1.51E+0 | uCi/g 9.08E-2 | Rep2 (2DB REPEAT): no flags |
| Am241 | 1.48E+0 | uCi/g 8.90E-2 | Rep3 (3DB REPEAT): no flags |
| Am243 | 1.47E-2 | uCi/g 9.32E-4 | Rep1 (1DB REPEAT): no flags |
| Am243 | 1.49E-2 | uCi/g 9.42E-4 | Rep2 (2DB REPEAT): no flags |
| Am243 | 1.46E-2 | uCi/g 9.24E-4 | Rep3 (3DB REPEAT): no flags |
| Cm242 | 1.02E-1 | uCi/g 7.65E-3 | Rep1 (1DB REPEAT): no flags |
| Cm242 | 1.05E-1 | uCi/g 7.85E-3 | Rep2 (2DB REPEAT): no flags |
| Cm242 | 1.02E-1 | uCi/g 7.72E-3 | Rep3 (3DB REPEAT): no flags |
| Cm243/244 | 2.26E-1 | uCi/g 1.38E-2 | Rep1 (1DB REPEAT): no flags |
| Cm243/244 | 2.29E-1 | uCi/g 1.39E-2 | Rep2 (2DB REPEAT): no flags |
| Cm243/244 | 2.24E-1 | uCi/g 1.36E-2 | Rep3 (3DB REPEAT): no flags |
| Np237 | 3.85E-3 | uCi/g 5.24E-4 | Rep1 (1DB REPEAT): no flags |
| Np237 | 2.68E-3 | uCi/g 3.72E-4 | Rep2 (2DB REPEAT): no flags |
| Np237 | Not Measured | uCi/g | Rep3 (3DB REPEAT): U2 |
| Pu236 | <2.81E-6 | uCi/g | Rep1 (1DB REPEAT): no flags |
| Pu236 | <2.96E-6 | uCi/g | Rep2 (2DB REPEAT): no flags |
| Pu236 | Not Measured | uCi/g | Rep3 (3DB REPEAT): U2 |
| Pu238 | 3.34E-1 | uCi/g 2.05E-2 | Rep1 (1DB REPEAT): no flags |
| Pu238 | 3.52E-1 | uCi/g 2.15E-2 | Rep2 (2DB REPEAT): no flags |
| Pu238 | Not Measured | uCi/g | Rep3 (3DB REPEAT): U2 |
| Pu-238 | 3.54E-1 | uCi/g 8.35E-3 | Rep1 (3DB REPEAT): no flags |

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| Sample Point: | EVACUATED CANISTERS | |
| Sample Type: | POWDER-DUST | |
| Collected: | 9/16/2002 | 1500 |

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|-----------------------|-------------------|
| Department | FCP |
| Customer's ID: | SHD-WV-997-02,-03 |

| Analysis | Result *** | Uncertainty | Lab Use Only |
|------------|--------------|---------------|-----------------------------|
| Pu239/240 | 1.35E-1 | uCi/g 8.60E-3 | Rep1 (1DB REPEAT): no flags |
| Pu239/240 | 1.42E-1 | uCi/g 8.95E-3 | Rep2 (2DB REPEAT): no flags |
| Pu239/240 | Not Measured | uCi/g | Rep3 (3DB REPEAT): U2 |
| Pu-239+240 | 1.44E-1 | uCi/g 4.18E-3 | Rep1 (3DB REPEAT): no flags |
| Pu-241 | 1.54E+0 | uCi/g 2.32E-1 | Rep1 (1DB): no flags |
| Pu-241 | 1.65E+0 | uCi/g 2.45E-1 | Rep2 (2DB): no flags |
| Pu-241 | 1.66E+0 | uCi/g 1.69E-1 | Rep3 (3DB): no flags |
| Pu242 | <4.61E-4 | uCi/g | Rep1 (1DB REPEAT): no flags |
| Pu242 | <4.18E-4 | uCi/g | Rep2 (2DB REPEAT): no flags |
| Pu242 | Not Measured | uCi/g | Rep3 (3DB REPEAT): U2 |
| Th228 | 2.94E-2 | uCi/g 1.93E-3 | Rep1 (1DB REPEAT): no flags |
| Th228 | 2.72E-2 | uCi/g 1.77E-3 | Rep2 (2DB REPEAT): no flags |
| Th228 | 3.12E-2 | uCi/g 2.02E-3 | Rep3 (3DB REPEAT): no flags |
| Th229 | <9.77E-5 | uCi/g | Rep1 (1DB REPEAT): no flags |
| Th229 | <1.06E-4 | uCi/g | Rep2 (2DB REPEAT): no flags |
| Th229 | <1.04E-4 | uCi/g | Rep3 (3DB REPEAT): no flags |
| Th230 | 2.10E-4 | uCi/g 3.75E-5 | Rep1 (1DB REPEAT): no flags |
| Th230 | 1.94E-4 | uCi/g 3.46E-5 | Rep2 (2DB REPEAT): no flags |
| Th230 | 2.23E-4 | uCi/g 3.97E-5 | Rep3 (3DB REPEAT): no flags |
| Th232 | 2.45E-4 | uCi/g 5.70E-5 | Rep1 (1DB REPEAT): no flags |
| Th232 | 1.88E-4 | uCi/g 4.60E-5 | Rep2 (2DB REPEAT): no flags |
| Th232 | 1.61E-4 | uCi/g 4.58E-5 | Rep3 (3DB REPEAT): no flags |
| TotAlphaPu | 4.98E-1 | uCi/g 1.25E-2 | Rep1 (3DB REPEAT): no flags |
| U232 | 2.66E-2 | uCi/g 1.65E-3 | Rep1 (1DB REPEAT): no flags |
| U232 | 2.62E-2 | uCi/g 1.62E-3 | Rep2 (2DB REPEAT): no flags |

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| Sample Point: | EVACUATED CANISTERS | |
| Sample Type: | POWDER-DUST | |
| Collected: | 9/16/2002 | 1500 |

| | |
|-----------------------|-------------------|
| Department | FCP |
| Customer's ID: | SHD-WV-997-02,-03 |

| Analysis | Result *** | Uncertainty | Lab Use Only |
|----------|------------|---------------|------------------------------|
| U232 | 2.83E-2 | uCi/g 1.77E-3 | Rep3 (3DB REPEAT): no flags |
| U233/234 | 1.60E-2 | uCi/g 1.01E-3 | Rep1 (1DB REPEAT): no flags |
| U233/234 | 1.57E-2 | uCi/g 9.93E-4 | Rep2 (2DB REPEAT): no flags |
| U233/234 | 1.70E-2 | uCi/g 1.08E-3 | Rep3 (3DB REPEAT): no flags |
| U235/236 | 8.46E-4 | uCi/g 9.21E-5 | Rep1 (1DB REPEAT): no flags |
| U235/236 | 7.34E-4 | uCi/g 5.66E-5 | Rep2 (2DB REPEAT): no flags |
| U235/236 | 7.93E-4 | uCi/g 6.16E-5 | Rep3 (3DB REPEAT): no flags |
| U238 | 1.15E-3 | uCi/g 1.06E-4 | Rep1 (1DB REPEAT): no flags |
| U238 | 1.20E-3 | uCi/g 1.08E-4 | Rep2 (2DB REPEAT): no flags |
| U238 | 8.78E-4 | uCi/g 9.31E-5 | Rep3 (3DB REPEAT): no flags |
| Ac-227 | <2.88E-1 | uCi/g | Rep4 (1 DB REPEAT): no flags |
| Ac-227 | <6.34E-1 | uCi/g | Rep5 (2 DB REPEAT): no flags |
| Ac-227 | <3.86E-1 | uCi/g | Rep6 (3 DB REPEAT): no flags |
| Ag-110 | <2.24E-1 | uCi/g | Rep4 (1 DB REPEAT): no flags |
| Ag-110 | <4.68E-1 | uCi/g | Rep5 (2 DB REPEAT): no flags |
| Ag-110 | <2.66E-1 | uCi/g | Rep6 (3 DB REPEAT): no flags |
| Bi-212 | <3.33E-1 | uCi/g | Rep4 (1 DB REPEAT): no flags |
| Bi-212 | <7.00E-1 | uCi/g | Rep5 (2 DB REPEAT): no flags |
| Bi-212 | <3.14E-1 | uCi/g | Rep6 (3 DB REPEAT): no flags |
| Ce-144 | <7.87E-1 | uCi/g | Rep4 (1 DB REPEAT): no flags |
| Ce-144 | <1.40E+0 | uCi/g | Rep5 (2 DB REPEAT): no flags |
| Ce-144 | <8.93E-1 | uCi/g | Rep6 (3 DB REPEAT): no flags |
| Co-60 | 4.04E-2 | uCi/g 1.47E-2 | Rep4 (1 DB REPEAT): no flags |
| Co-60 | <2.97E-2 | uCi/g | Rep5 (2 DB REPEAT): no flags |
| Co-60 | <1.59E-2 | uCi/g | Rep6 (3 DB REPEAT): no flags |

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| Sample Point: | EVACUATED CANISTERS | |
| Sample Type: | POWDER-DUST | |
| Collected: | 9/16/2002 | 1500 |

| | |
|-----------------------|-------------------|
| Department | FCP |
| Customer's ID: | SHD-WV-997-02,-03 |

| Analysis | Result *** | Uncertainty | Lab Use Only |
|----------|------------|---------------|----------------------------------|
| Cs-134 | <7.19E-2 | uCi/g | Rep4 (1 DB REPEAT): no flags |
| Cs-134 | <1.32E-1 | uCi/g | Rep5 (2 DB REPEAT): no flags |
| Cs-134 | <9.39E-2 | uCi/g | Rep6 (3 DB REPEAT): no flags |
| Cs-137 | 2.19E+3 | uCi/g 5.88E+1 | Rep4 (1 DB REPEAT): no flags |
| Cs-137 | 2.26E+3 | uCi/g 6.08E+1 | Rep5 (2 DB REPEAT): no flags |
| Cs-137 | 2.46E+3 | uCi/g 6.78E+1 | Rep6 (3 DB REPEAT): no flags |
| Eu-152 | <8.78E-2 | uCi/g | Rep4 (1 DB REPEAT): no flags |
| Eu-152 | <1.74E-1 | uCi/g | Rep5 (2 DB REPEAT): no flags |
| Eu-152 | <1.04E-1 | uCi/g | Rep6 (3 DB REPEAT): no flags |
| Eu-154 | 6.56E-1 | uCi/g 4.90E-2 | Rep4 (1 DB REPEAT): no flags |
| Eu-154 | 5.94E-1 | uCi/g 7.58E-2 | Rep5 (2 DB REPEAT): no flags |
| Eu-154 | 5.51E-1 | uCi/g 6.00E-2 | Rep6 (3 DB REPEAT): no flags |
| Eu-155 | <1.00E-1 | uCi/g | Rep4 (1 DB REPEAT): no flags |
| Eu-155 | <1.91E-1 | uCi/g | Rep5 (2 DB REPEAT): no flags |
| Eu-155 | <1.57E-1 | uCi/g | Rep6 (3 DB REPEAT): no flags |
| I-129 | <1.11E-3 | uCi/g | Rep1 (Caustic leach 1): no flags |
| I-129 | <9.41E-4 | uCi/g | Rep2 (#2): no flags |
| I-129 | <1.35E-3 | uCi/g | Rep3 (#3): no flags |
| K-40 | <1.98E-2 | uCi/g | Rep4 (1 DB REPEAT): no flags |
| K-40 | 4.44E-2 | uCi/g 3.74E-2 | Rep5 (2 DB REPEAT): no flags |
| K-40 | <2.57E-2 | uCi/g | Rep6 (3 DB REPEAT): no flags |
| Mn-54 | 8.12E-2 | uCi/g 7.80E-2 | Rep4 (1 DB REPEAT): no flags |
| Mn-54 | <3.85E-2 | uCi/g | Rep5 (2 DB REPEAT): no flags |
| Mn-54 | <4.34E-2 | uCi/g | Rep6 (3 DB REPEAT): no flags |
| Nb-94 | <1.62E-2 | uCi/g | Rep4 (1 DB REPEAT): no flags |

| Approved By | |
|-------------|-------------|
| Name | Date & Time |



Login Date: 23-Jan-04

VAST Sample ID: 04-0073

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|----------------------|---------------------|------|
| Sample Point: | EVACUATED CANISTERS | |
| Sample Type: | POWDER-DUST | |
| Collected: | 9/16/2002 | 1500 |

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|-----------------------|-------------------|
| Department | FCP |
| Customer's ID: | SHD-WV-997-02,-03 |

| Analysis | Result *** | Uncertainty | Lab Use Only |
|----------|------------|---------------|------------------------------|
| Nb-94 | <2.61E-2 | uCi/g | Rep5 (2 DB REPEAT): no flags |
| Nb-94 | <1.98E-2 | uCi/g | Rep6 (3 DB REPEAT): no flags |
| Ni59 | <2.97E-1 | uCi/g | Rep1 (1DB REPEAT): no flags |
| Ni59 | <7.76E-2 | uCi/g | Rep2 (2DB REPEAT): no flags |
| Ni59 | <3.20E-1 | uCi/g | Rep3 (3DB REPEAT): no flags |
| Ni63 | 4.84E-1 | uCi/g 1.70E-1 | Rep1 (1DB REPEAT): no flags |
| Ni63 | 5.48E-1 | uCi/g 1.87E-1 | Rep2 (2DB REPEAT): no flags |
| Ni63 | 5.14E-1 | uCi/g 1.77E-1 | Rep3 (3DB REPEAT): no flags |
| Np-239 | <6.40E-2 | uCi/g | Rep4 (1 DB REPEAT): no flags |
| Np-239 | <1.22E-1 | uCi/g | Rep5 (2 DB REPEAT): no flags |
| Np-239 | <8.89E-2 | uCi/g | Rep6 (3 DB REPEAT): no flags |
| Pa-231 | <1.40E+0 | uCi/g | Rep4 (1 DB REPEAT): no flags |
| Pa-231 | <3.02E+0 | uCi/g | Rep5 (2 DB REPEAT): no flags |
| Pa-231 | <2.30E+0 | uCi/g | Rep6 (3 DB REPEAT): no flags |
| Pb-212 | <1.61E-1 | uCi/g | Rep4 (1 DB REPEAT): no flags |
| Pb-212 | <3.09E-1 | uCi/g | Rep5 (2 DB REPEAT): no flags |
| Pb-212 | <1.73E-1 | uCi/g | Rep6 (3 DB REPEAT): no flags |
| Ra-226 | <9.24E-1 | uCi/g | Rep4 (1 DB REPEAT): no flags |
| Ra-226 | <1.75E+0 | uCi/g | Rep5 (2 DB REPEAT): no flags |
| Ra-226 | <1.18E+0 | uCi/g | Rep6 (3 DB REPEAT): no flags |
| Ra-228 | <7.37E-2 | uCi/g | Rep4 (1 DB REPEAT): no flags |
| Ra-228 | <1.63E-1 | uCi/g | Rep5 (2 DB REPEAT): no flags |
| Ra-228 | <5.14E-2 | uCi/g | Rep6 (3 DB REPEAT): no flags |
| Ru-106 | <1.02E+0 | uCi/g | Rep4 (1 DB REPEAT): no flags |
| Ru-106 | <1.44E+0 | uCi/g | Rep5 (2 DB REPEAT): no flags |

| Approved By | |
|-------------|-------------|
| Name | Date & Time |



Login Date: 23-Jan-04

VAST Sample ID: 04-0073

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|----------------------|---------------------|------|
| Sample Point: | EVACUATED CANISTERS | |
| Sample Type: | POWDER-DUST | |
| Collected: | 9/16/2002 | 1500 |

| | |
|-----------------------|-------------------|
| Department | FCP |
| Customer's ID: | SHD-WV-997-02,-03 |

| Analysis | Result *** | Uncertainty | Lab Use Only |
|----------|------------|---------------|------------------------------|
| Ru-106 | <1.04E+0 | uCi/g | Rep6 (3 DB REPEAT): no flags |
| Sb-125 | <3.57E-1 | uCi/g | Rep4 (1 DB REPEAT): no flags |
| Sb-125 | <7.90E-1 | uCi/g | Rep5 (2 DB REPEAT): no flags |
| Sb-125 | <5.04E-1 | uCi/g | Rep6 (3 DB REPEAT): no flags |
| Zr-95 | <3.31E+0 | uCi/g | Rep4 (1 DB REPEAT): no flags |
| Zr-95 | 1.37E+1 | uCi/g 7.30E+0 | Rep5 (2 DB REPEAT): no flags |
| Zr-95 | <2.92E+0 | uCi/g | Rep6 (3 DB REPEAT): no flags |
| | | | |

NOTES: (Contact the A&PC Supervisor if you have questions.)

The uncertainty, if provided, pertains to the 95% confidence level on counting statistics.

*** The instrument used to determine gamma measurements is calibrated for samples of a specified matrix. The density associated with oil samples is not consistent with that of the specified sample matrix. Therefore, due to matrix of the sample and the unknown accuracy in which the sample was prepared, gamma results associated with oil samples are approximate.

'Lab Use Only' Flags: A0 - unknown approval error; A1 - approval not defined; A2 - approval not entered; A3 - result rejected
 U0 - unknown uncertainty error; U1 - uncertainty not defined; U2 - uncertainty not entered

| Approved By | |
|-------------|------------------------|
| _____ | _____ |
| Name | Date & Time |

