

FINAL STATUS SURVEY REPORT

APPENDIX E

SUBSURFACE SOIL CHARACTERIZATION AND FSS PROJECT

NUCLEAR FUEL SERVICES NORTH SITE
Erwin, Tennessee

SURVEY UNITS 2, 8, 9, 19, 20

PREPARED FOR:

NUCLEAR FUEL SERVICES, INC.



PREPARED BY:

MACTEC DEVELOPMENT CORPORATION
MACTEC PROJECT No. 9120071235

REVISION 0
NOVEMBER 2009

WORK PERFORMED UNDER DOE CONTRACT No. DE-AC12-04SN39427



Appendix E.1

Field Sample Data Sheets, Survey Unit 2



MACTEC Development Corp.
 751 Horizon Ct. Suite 104
 Grand Junction, CO 81506
 Phone 970.243.2861
 Fax 970.256.7356

FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/02/07	Time Collected (24 hour): 1255
Core ID #: 0016	Core Segment ID #: AX	

Site: NFS North Site 1205 Banner Hill Road - Erwin, TN 37650	Client: Nuclear Fuel Services Project Name: Subsurface Characterization and FSS Project Mgr: Jeffrey Lively Project No: 9120071235
---	---

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input checked="" type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full-Suite: <input type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (GRISE)	Alpha Spectroscopy (GRISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (GRISE)	Tc-99 by Liquid Scint (GRISE)	PCBs/Aroclor 1254 (Paragon)	SW 846, 6010G (Paragon): Arsenic, Beryllium	SW 846, 8270G (Paragon): Semi-Volatile Organics	SW 846, 9260B (Paragon): VOCs by Terra-Core	SW 846, 7466A (Paragon): Hexavalent Chromium	SW 846, 7471A (Paragon): Mercury	Sample Preservation (Check if YES)	
Core #	Segment #	Sample #																			
0016	AX	XA	1	✓	✓	✓	✓	✓													
0016	AX	XF	1						✓												✓
0016	AX	XQ	1						✓												✓

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/02/07	Time Collected (24 hour): 1301
Core ID #: 0016	Core Segment ID #: BX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full-Suite: <input type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs, Aroclor: 1254 (Paragon)	SW 846, 6010C (Paragon): Arsenic, Beryllium	SW 846, 8270C (Paragon): Semi-Volatile Organics	SW 846, 8240B (Paragon): VOCs by Terra Core	SW 846, 7196A (Paragon): Hexavalent Chromium	SW 846, 7471A (Paragon): Manganese	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0016	BX	XA	1	✓	✓															

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/02/07	Time Collected (24 hour): 1306
Core ID #: 0016	Core Segment ID #: CX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input checked="" type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/> Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs: Aroclor 1254 (Paragon)	SW 846: 8010C (Paragon); Arsenic; Barium	SW 846: 8270C (Paragon); Semi-Volatile Organics	SW 846: 8260B (Paragon); VOCs by Terra-Cote	SW 846: 7196A (Paragon); Hexavalent Chromium	SW 846: 7471A (Paragon); Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0016	BX	XA	1	✓	✓															

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/02/07	Time Collected (24 hour): 1307
Core ID #: 0016	Core Segment ID #: DX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full-Suite: <input type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCSS: Arabin: 125k (Paragon)	SW 846: 8010C (Paragon): Arsenic, Beryllium	SW 846: 8270C (Paragon): Semi-Volatile Organics	SW 846: 8280B (Paragon): VOCs by Terra Core	SW 846: 7196A (Paragon): Hexavalent Chromium	SW 846: 7471A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0016	DX	XA	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>															

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/02/07	Time Collected (24 hour): 1309
Core ID #: 0016	Core Segment ID #: EX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input checked="" type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/> Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon); Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE); Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	ECIS - Aradon 1254 (Paragon)	SW 846: 6010C (Paragon) Arsenic, Beryllium	SW 846: 8270C (Paragon); Semi-Volatile Organics	SW 846: 8260B (Paragon); VC/CA by Tetra-Core	SW 846: 7198A (Paragon); Hexavalent Chromium	SW 846: 7471A (Paragon); Mercury	Sample Preservation (Check if YES)	
Core #	Segment #	Sample #																			
0016	EX	XA	1	✓	✓																

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/02/07	Time Collected (24 hour): 1315
Core ID #: 0016	Core Segment ID #: FX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full-Suite: <input type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs: Aroclor 1264 (Paragon)	SW 816: 6010C (Paragon): Arsenic, Beryllium	SW 816: 8270C (Paragon): Semi-Volatile Organics	SW 816: 8260B (Paragon): VOCs by Terra Core	SW 816: 7195A (Paragon): Hexavalent Chromium	SW 816: 7171A (Paragon): Mercury	Sample Preservation (Check if YES)	
Core #	Segment #	Sample #																			
0016	FX	XA	1	✓	✓																

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/02/07	Time Collected (24 hour): 1327
Core ID #: 0014	Core Segment ID #: GX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: Full-Suite Radiological:

Regulatory Confirmation Sample: Gamma Only: Full-Suite:

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs: Aroclor 1254 (Paragon)	SW 846: 6010C (Paragon): Arsenic; Beryllium	SW 846: 6270C (Paragon): Semi-Volatile Organics	SW 846: 6260B (Paragon): VOCs by Tera Core	SW 846: 7165A (Paragon): Hexavalent Chromium	SW 846: 7471A (Paragon): Mercury	Sample Preservation (Check if YES)	
Core #	Segment #	Sample #																			
0014	GX	XA	1	✓	✓																

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/02/07	Time Collected (24 hour): 1330
Core ID #: 0016	Core Segment ID #: HX	


Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: Full-Suite Radiological:

Regulatory Confirmation Sample: Gamma Only: Full-Suite:

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs: Aroclor 1254 (Paragon)	SW646: 80:10C (Paragon): Arsenic, Beryllium	SW646: 82:70C (Paragon): Semi-Volatile Organics	SW646: 82:60B (Paragon): VOCs by Toms Corp	SW646: 7:186A (Paragon): Hexavalent Chromium	SW646: 74:71A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0016	HX	XA	1	✓	✓															

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/02/07	Time Collected (24 hour): 1333
Core ID #: 0016	Core Segment ID #: IX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input checked="" type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/> Full Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon); Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE); Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs - Aroclor 1254 (Paragon)	SW 846, 8010C (Paragon); Arsenic, Barium	SW 846, 8270C (Paragon); Semi-Volatile Organics	SW 846, 8260B (Paragon); VOCs by Terra Core	SW 846, 7196A (Paragon); Hexavalent Chromium	SW 846, 7471A (Paragon); Mercury	Sample Preservation (Check if YES)	
Core #	Segment #	Sample #																			
0016	IX	XA	1	✓	✓																

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/02/07	Time Collected (24 hour): 1334
Core ID #: 0016	Core Segment ID #: JX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input checked="" type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/> Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs: Aroclor 1254 (Paragon)	SW 816: 8010C (Paragon) Arsenic, Beryllium	SW 816: 8270C (Paragon) Semi-Volatile Organics	SW 816: 8260B (Paragon) VOCs by TerraCore	SW 816: 7195A (Paragon) Hexavalent Chromium	SW 816: 7471A (Paragon) Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0016	JX	XA	1	✓	✓															

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/02/07	Time Collected (24 hour): 1054
Core ID #: 0017	Core Segment ID #: AX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN. 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory/Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full-Suite: <input type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs: Arochlor 1254 (Paragon)	SW 846: 100:100 (Paragon): Arsenic, Beryllium	SW 846: 8270C (Paragon): Semi-Volatile Organics	SW 846: 8280B (Paragon): VOCs by Terra Core	SW 848: 7196A (Paragon): Hexavalent Chromium	SW 848: 7471A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0017	AX	XA	1	✓	✓															

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/02/07	Time Collected (24 hour): 1055
Core ID #: 0017	Core Segment ID #: BX	

Site: NFS North Site 1205 Banner Hill Road. Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full-Suite: <input type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	ECRs, Actin: 125k (Paragon)	SW 846, 8270C (Paragon): Arsenic, Beryllium	SW 846, 8270C (Paragon): Semi-Volatile Organics	SW 846, 8260B (Paragon): VOCs by Terra Core	SW 846, 7198A (Paragon): Hexavalent Chromium	SW 846, 7471A (Paragon): Mercury	Sample Preservation (Check if YES)	
Core #	Segment #	Sample #																			
0017	BX	XA	1	✓	✓																

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/02/07	Time Collected (24 hour): 1058
Core ID #: 0017	Core Segment ID #: C-X	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input checked="" type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/> Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs: Aroclor 1254 (Paragon)	SW 816, 6010C (Paragon): Arsenic, Beryllium	SW 816, 8270C (Paragon): Semi-Volatile Organics	SW 816, 8260B (Paragon): VOCs by Tera Core	SW 816, 7185A (Paragon): Hexavalent Chromium	SW 816, 7371A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0017	C-X	XA	1	✓	✓															

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FIELD SAMPLE DATA SHEET


Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/02/07	Time Collected (24 hour): 1100
Core ID #: 0017	Core Segment ID #: DX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input checked="" type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/> Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs (Aroclor 1254) (Paragon)	SW 846: 6010C (Paragon): Arsenic, Beryllium	SW 846: 8270C (Paragon): Semi-Volatile Organics	SW 846: 8260B (Paragon): VOCs by Temp Core	SW 846: 7195A (Paragon): Hexavalent Chromium	SW 846: 7471A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0017	DX	XA	1	✓	✓															

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/02/07	Time Collected (24 hour): 1105
Core ID #: 0017	Core Segment ID #: EX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input type="checkbox"/>	Full-Suite Radiological: <input checked="" type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full Suite: <input type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs: Aroclor 1254 (Paragon)	SW 846: 6010C (Paragon): Arsenic, Barium	SW 846: 8270C (Paragon): Semi-Volatile Organics	SW 846: 8260B (Paragon): VOCs by Term. Core	SW 846: 7185A (Paragon): Hexachlor (Chromium)	SW 846: 7471A (Paragon): Mercury	Sample Preservation (Check if YES)	
Core #	Segment #	Sample #																			
0017	EX	XA	1	✓	✓	✓	✓	✓													✓
0017	EX	XF	1						✓												✓
0017	EX	XQ	1						✓												✓

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/02/07	Time Collected (24 hour): 1114
Core ID #: 0017	Core Segment ID #: FX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input checked="" type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/> Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs: Arochlor 1254 (Paragon)	SW 846: 8010C (Paragon): Arsenic, Beryllium	SW 846: 8270C (Paragon): Semi-Volatile Organics	SW 846: 8260B (Paragon): VOCs by Terra Core	SW 846: 7199A (Paragon): Hexavalent Chromium	SW 846: 7171A (Paragon): Mercury	Sample Preservation (Check if YES)	
Core #	Segment #	Sample #																			
0017	FX	XA	1	✓	✓																

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Date: 10/02/07



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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/02/07	Time Collected (24 hour): 1120
Core ID #: 0017	Core Segment ID #: GX	

Site: NFS North Site 1205 Banner Hill Road. Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input checked="" type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/> Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs (Aroclor 1254) (Paragon)	SW 816: 9010C (Paragon): Arsenic, Barium	SW 816: 3270C (Paragon): Semi-Volatile Organics	SW 816: 3280B (Paragon): VOCs by Tetra Core	SW 846: 7166A (Paragon): Hexavalent Chromium	SW 846: 7471A (Paragon): Mercury	Sample Preservation (Check if YES)	
Core #	Segment #	Sample #																			
0017	GX	XA	1	✓	✓																

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/02/07	Time Collected (24 hour): 1125
Core ID #: 0017	Core Segment ID #: HX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services Project Name: Subsurface Characterization and FSS Project Mgr: Jeffrey Lively Project No: 9120071235
--	---

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	POEs: Arsenic 1254 (Paragon)	SW 846: 6010C (Paragon): Arsenic, Barium	SW 846: 8270C (Paragon): Semi-Volatile Organics	SW 846: 8260B (Paragon): VOCs by Tens Core	SW 846: 7495A (Paragon): Hexavalent Chromium	SW 846: 7471A (Paragon): Mercury	Sample Preservation (Check if YES)	
Core #	Segment #	Sample #																			
0017	HX	XA	1	✓	✓																

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/02/07	Time Collected (24 hour): 1129
Core ID #: 0017	Core Segment ID #: IX	

Site: NFS North Site 1205 Banner Hill Road, Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: Full-Suite Radiological:

Regulatory Confirmation Sample: Gamma Only: Full-Suite:

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBE: Arsenic-125 (Paragon)	SW-846: 6010G (Paragon): Arsenic-Beryllium	SW-846: 8270C (Paragon): Semi-Volatile Organics	SW-846: 8260B (Paragon): VOCs by TerraCote	SW-846: 7186A (Paragon): Hexavalent Chromium	SW-846: 7471A (Paragon): Mercury	Sample Preservation (Check if YES)	
Core #	Segment #	Sample #																			
0017	IX	XA	1	✓	✓																

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FIELD SAMPLE DATA SHEET

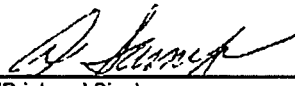
Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/02/07	Time Collected (24 hour): 1130
Core ID #: 0017	Core Segment ID #: JX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>	
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/>	Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs, Aroclor 1264 (Paragon)	SW646, 6010C (Paragon): Arsenic, Beryllium	SW646, 6270C (Paragon): Semi-Volatile Organics	SW846, 8260B (Paragon): VOCs by Term Cora	SW846, 7196A (Paragon): Hexavalent Chromium	SW846, 7471A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0017	JX	XA	1	✓	✓															

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/02/07	Time Collected (24 hour): 0956
Core ID #: 0018	Core Segment ID #: AX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input checked="" type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/>
	Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs: Arochl 1254 (Paragon)	SW-846: 8010C (Paragon): Arsenic, Barium	SW-846: 8270C (Paragon): Semi-Volatile Organics	SW-846: 8260B (Paragon): VOCs by Terra Core	SW-846: 7466A (Paragon): Hexavalent Chromium	SW-846: 7471A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0018	AX	XA	1	✓	✓															

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/02/07	Time Collected (24 hour): 0958
Core ID #: 0018	Core Segment ID #: BX	

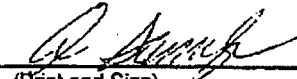
Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input type="checkbox"/>	Full-Suite Radiological: <input checked="" type="checkbox"/>
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Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/>	Full-Suite: <input type="checkbox"/>
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Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs/Woodr: 1254 (Paragon)	SW-846: 6010C (Paragon): Arsenic, Barium	SW-846: 8270C (Paragon): Semi-Volatile Organics	SW-846: 8260B (Paragon): VOCs by Terra Core	SW-846: 7196A (Paragon): Hexavalent Chromium	SW-846: 7471A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0018	BX	XA	1	✓	✓	✓	✓	✓												
0018	BX	XF	1						✓											✓
0018	BX	XQ	1						✓											✓

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/02/07	Time Collected (24 hour): 10 01
Core ID #: 0018	Core Segment ID #: CX	

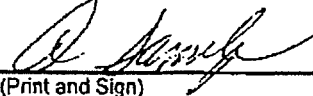
Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
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Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/>	Full-Suite: <input type="checkbox"/>
--	--------------------------------------	--------------------------------------

Unique Sample ID Number			NUMBER of CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Pb-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Pb-99 by Liquid Scint (ORISE)	PCBs, Aroclor 1254 (Paragon)	SW-846: 80105 (Paragon): Arsenic, Beryllium	SW-846: 82706 (Paragon): Semi-Volatile Organics	SW-846: 8260B (Paragon): VOCs by Terra Core	SW-846: 7196A (Paragon): Hexavalent Chromium	SW-846: 7377A (Paragon): Mercury	Sample Preservation (Check if YES)	
Core #	Segment #	Sample #																			
0018	CX	XA	1	✓	✓																

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Date: 10/02/07



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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/02/07	Time Collected (24 hour): 1005
Core ID #: 0018	Core Segment ID #: DX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services Project Name: Subsurface Characterization and FSS Project Mgr: Jeffrey Lively Project No: 9120071235
---	---

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER of CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBS: Aroclor 1254 (Paragon)	SW 846: 6010C (Paragon); Arsenic; Barium	SW 846: 8270C (Paragon); Semi-Volatile Organics	SW 846: 8260B (Paragon); VOCs by Terra-Core	SW 846: 7166A (Paragon); Hexavalent Chromium	SW 846: 7411A (Paragon); Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0018	DX	XA	1	✓	✓															

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FIELD SAMPLE DATA SHEET

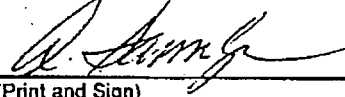
Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/02/07	Time Collected (24 hour): 1012
Core ID #: 0018	Core Segment ID #: EX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>	
Regulatory Confirmation Sample: <input checked="" type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/>	Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs, Aroclor 1254 (Paragon)	SW 846, 8010C (Paragon): Arsenic, Beryllium	SW 846, 8270C (Paragon): Semi-Volatile Organics	SW 846, 8260B (Paragon): VOCs by Terra Core	SW 848, 7198A (Paragon): Hexavalent Chromium	SW 846, 7471A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0018	EX	XA	1	✓	✓															

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yyyy): 10/02/07	Time Collected (24 hour): 1014
Core ID #: 0018	Core Segment ID #: FX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input checked="" type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/> Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs, Aroclor 1264 (Paragon)	SW-346, 6010C (Paragon): Arsenic, Beryllium	SW-346, 8270C (Paragon): Semi-Volatile Organics	SW-346, 8260B (Paragon): VOCs by Tera-Cote	SW-346, 7186A (Paragon): Hexavalent Chromium	SW-346, 7471A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0018	FX	XA	1	✓	✓															

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/02/07	Time Collected (24 hour): 1022
Core ID #: 0018	Core Segment ID #: GX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services Project Name: Subsurface Characterization and FSS Project Mgr: Jeffrey Lively Project No: 9120071235
--	---

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full-Suite: <input type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PC95: Avocet-1254 (Paragon)	SW 846: 6010C (Paragon): Arsenic, Barium	SW 846: 8270C (Paragon): Semi-Volatile Organics	SW 846: 8260B (Paragon): Volatile Organics	SW 846: 7495A (Paragon): Hexavalent Chromium	SW 846: 7471A (Paragon): Mercury	Sample Preservation (Check if YES)	
Core #	Segment #	Sample #																			
0018	GX	XA	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/02/07	Time Collected (24 hour): 1029
Core ID #: 0018	Core Segment ID #: HX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory/Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full-Suite: <input type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs, Aroclor-1254 (Paragon)	SW 846: 6010C (Paragon): Arsenic, Barium	SW 846: 8270C (Paragon): Semi-Volatile Organics	SW 846: 8260B (Paragon): VOCs by Term Core	SW 846: 7196A (Paragon): Hexavalent Chromium	SW 846: 7471A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0018	HX	XA	1	✓	✓															

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Date: 10/02/07



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Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/02/07	Time Collected (24 hour): 1032
Core ID #: 0018	Core Segment ID #: IX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services Project Name: Subsurface Characterization and FSS Project Mgr: Jeffrey Lively Project No: 9120071235
--	---

SWMU Sample: <input type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full-Suite: <input type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs, Aroclor 1254 (Paragon)	SW 846, 6010C (Paragon): Pesticides, Beryllium	SW 846, 8270C (Paragon): Semi-Volatile Organics	SW 846, 8260B (Paragon): VOCs by Terra Core	SW 846, 7496A (Paragon): Hexavalent Chromium	SW 846, 7471A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0018	IX	XA	1	✓	✓															

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/02/07	Time Collected (24 hour): 1034
Core ID #: 0018	Core Segment ID #: JX	

Site: NFS North Site 1205 Banner Hill Road. Erwin, TN 37650	Client: Nuclear Fuel Services Project Name: Subsurface Characterization and FSS Project Mgr: Jeffrey Lively Project No: 9120071235
--	---

SWMU Sample: <input type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full-Suite: <input type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs: Aroclor 1248 (Paragon)	SW 846: 6010C (Paragon)/Arsenic, Beryllium	SW 846: 8270C (Paragon); Semi-Volatile Organics	SW 846: 8260B (Paragon); VOCs by Tent Core	SW 846: 7199A (Paragon); Hexavalent Chromium	SW 846: 7471A (Paragon); Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0018	JX	XA	1	✓	✓															

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/04/07	Time Collected (24 hour): 1041
Core ID #: 0019	Core Segment ID #: AX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>	
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/>	Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Sulfuric Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs: Arochl 1254 (Paragon)	SW 846: 6010C (Paragon): Arsenic, Beryllium	SW 846: 8270C (Paragon): Semi-Volatiles Organics	SW 846: 8260B (Paragon): VOCs by Terra Core	SW 846: 7196A (Paragon): Hexavalent Chromium	SW 846: 717A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0019	AX	XA	1	✓	✓															

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/04/07	Time Collected (24 hour): 1045
Core ID #: 0019	Core Segment ID #: BX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full-Suite: <input type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs: Arochlor 1254 (Paragon)	SW-846: 8010C (Paragon): Arsenic, Beryllium	SW-846: 8270C (Paragon): Semi-Volatile Organics	SW-846: 8260B (Paragon): VOCs by Total Carb.	SW-846: 7196A (Paragon): Hexavalent Chromium	SW-846: 7471A (Paragon): Manganese	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0019	BX	XA	1	✓	✓															

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/04/07	Time Collected (24 hour): 1050
Core ID #: 0019	Core Segment ID #: CX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>	
Regulatory Confirmation Sample: <input checked="" type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/>	Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PGBs: Ar, Cd, Cr, Ni, Pb, Pu, U, Th	SW 846: 6010C (Paragon): Arsenic, Barium	SW 846: 6270C (Paragon): Selenium, Volatile Organics	SW 846: 8260B (Paragon): VOCs, PCBs, Terra Core	SW 846: 7196A (Paragon): Hexavalent Chromium	SW 846: 747A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0019	CX	XA	1	✓	✓															

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/04/07	Time Collected (24 hour): 1052
Core ID #: 0019	Core Segment ID #: DX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services Project Name: Subsurface Characterization and FSS Project Mgr: Jeffrey Lively Project No: 9120071235
--	---

SWMU Sample <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample <input type="checkbox"/>	Gamma Only <input type="checkbox"/> Full-Suite <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	RBEs: Arsenic-75, Lead-210, Polonium-210, Uranium-235, Uranium-238, Plutonium-239, Plutonium-240, Plutonium-241, Americium-241, Beryllium-7	SW-846: 8270C (Paragon): Semi-Volatile Organics	SW-846: 8260B (Paragon): VOCs by Tera-Cote	SW-846: 7196A (Paragon): Hexavalent Chromium	SW-846: 7471A (Paragon): Mercury	Sample Preservation (Check if YES)	
Core #	Segment #	Sample #																		
0019	DX	XA	1	✓	✓															

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (m/d/yyyy): 10/04/07	Time Collected (24 hour): 1059
Core ID #: 0019	Core Segment ID #: EX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services Project Name: Subsurface Characterization and FSS Project Mgr: Jeffrey Lively Project No: 9120071235
--	---

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input checked="" type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/>
	Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER of CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs: Aroclor 1254 (Paragon)	SW-846: 8010C (Paragon): Arsenic, Beryllium	SW-846: 8270C (Paragon): Semi-Volatile Organics	SW-846: 8260B (Paragon): VOCs by Terra-Cora	SW-846: 7166A (Paragon): Hexavalent Chromium	SW-846: 747A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0019	EX	XA	1	✓	✓															

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/04/07	Time Collected (24 hour): // 08
Core ID #: 0019	Core Segment ID #: FX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/> Full-Suite: <input type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs, Aroclor 1248 (Paragon)	SW 846: 6010C (Paragon): Arsenic, Beryllium	SW 846: 8270C (Paragon): Semi-Volatile Organics	SW 846: 8260B (Paragon): VOCs by Terra Core	SW 846: 7496A (Paragon): Hexavalent Chromium	SW 846: 7471A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0019	FX	XA	1	✓	✓															

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/04/07	Time Collected (24 hour): 1227
Core ID #: 0020	Core Segment ID #: AX	

Site: NFS North Site 1205 Banner Hill Road, Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input checked="" type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full-Suite: <input type="checkbox"/>

Unique Sample ID Number			NUMBER of CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon); Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE); Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs: Aroclor 1254 (Paragon)	SW 846, 8010C (Paragon); Arsenic, Beryllium	SW 846, 8270C (Paragon); Semi-Volatile Organics	SW 846, 8260B (Paragon); VOCs by Terra-Core	SW 846, 7196A (Paragon); Hexavalent Chromium	SW 846, 7571A (Paragon); Mercury	Sample Preservation (Check if YES)	
Core #	Segment #	Sample #																			
0020	AX	XA	1	✓	✓	✓	✓	✓													
0020	AX	XH	1												✓	✓	✓	✓	✓		✓
0020	AX	XG	1															✓			✓
0020	AX	XF	1						✓												✓
0020	AX	XQ	1						✓												✓

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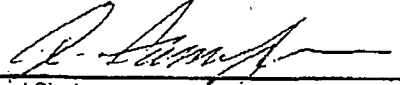
Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/04/07	Time Collected (24 hour): 1245
Core ID #: 0020	Core Segment ID #: BX	

Site: NFS North Site 1205 Banner Hill Road. Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full-Suite: <input type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs, Arochlor 1254 (Paragon)	SW 8-16, 801 OC (Paragon): Arsenic, Beryllium	SW 8-16, 8270C (Paragon): Semi-Volatile Organics	SW 8-16, 8280B (Paragon): VOCs by Terra Core	SW 8-16, 7196A (Paragon): Hexavalent Chromium	SW 8-16, 7471A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0020	BX	XA	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>															
0020	BX	XH	1											<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>
0020	BX	XG	1														<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/04/07	Time Collected (24 hour): 1248
Core ID #: 0020	Core Segment ID #: CX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: Full-Suite Radiological:

Regulatory Confirmation Sample: Gamma Only: Full-Suite:

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs, Atocbr, 1294 (Paragon)	SW-846: 60105 (Paragon): Arsenic, Beryllium	SW-846: 8270C (Paragon): Semi-Volatile Organics	SW-846: 8260B (Paragon): VOCs by Tenax Core	SW-846: 7395A (Paragon): Hexavalent Chromium	SW-846: 7477A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0020	CX	XA	1	✓	✓															
0020	CX	XH	1											✓	✓			✓		✓
0020	CX	XG	1															✓		✓

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Date: 10/04/07

FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/04/07	Time Collected (24 hour): 1300
Core ID #: 0020	Core Segment ID #: DX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
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Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/>	Full Suite: <input type="checkbox"/>
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Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (CRIS)	Alpha Spectroscopy (CRIS)(Am, Pu, U, Th)	Pu-241 by Liquid Scint (CRIS)	Tc-99 by Liquid Scint (CRIS)	PCBs: Aroclor 1254 (Paragon)	SW 816, 816-100 (Paragon): Arsenic, Beryllium	SW 816, 816-200 (Paragon): Semi-Volatile Organics	SW 816, 816-100 (Paragon): Volatile Organics	SW 816, 816-100 (Paragon): Hexavalent Chromium	SW 816, 816-100 (Paragon): Mercury	Sample Preservation (Check if YES)	
Core #	Segment #	Sample #																			
0020	DX	XA	1	✓	✓																
0020	DX	XH	1											✓	✓			✓			✓
0020	DX	XG	1															✓			✓

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Field Sampler: Art Samilian / [Signature]
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Date: 10/04/07



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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/04/07	Time Collected (24 hour): 1315
Core ID #: 0020	Core Segment ID #: EX	

Site: NFS North Site 1205 Banner Hill Road. Erwin, TN 37650	Client: Nuclear Fuel Services Project Name: Subsurface Characterization and FSS Project Mgr: Jeffrey Lively Project No: 9120071235
--	---

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full-Suite: <input type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs, Aroclor 1254 (Paragon)	SW 846, 6010C (Paragon): Arsenic-Beryllium	SW 846, 8270C (Paragon): Semi-Volatile Organics	SW 846, 8240B (Paragon): Volatiles by Tetracote	SW 846, 7486A (Paragon): Hexavalent Chromium	SW 846, 7471A (Paragon): Mercury	Sample Preservation (Check if YES)	
Core #	Segment #	Sample #																			
0020	EX	XA	1	✓	✓																
0020	EX	XH	1											✓	✓	✓		✓	✓		✓
0020	EX	XG	1															✓			✓

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Field Sampler: Art Samiljan / Date: 10/04/07
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MACTEC Development Corp.
 751 Horizon Ct. Suite 104
 Grand Junction, CO 81506
 Phone 970.243.2861
 Fax 970.256.7356

FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/04/07	Time Collected (24 hour): 1520
Core ID #: 0021	Core Segment ID #: AX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: Full-Suite Radiological:

Regulatory Confirmation Sample: Gamma Only: Full-Suite:

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Te-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Sm, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Te-99 by Liquid Scint (ORISE)	PCBs, Aroclor 1261 (Paragon)	SW 846, 8010C (Paragon): Arsenic, Beryllium	SW 846, 8270C (Paragon): Semi-Volatile Organics	SW 846, 8260B (Paragon): VSAs by TeraCore	SW 846, 7186A (Paragon): Hexavalent Chromium	SW 846, 7471A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0021	AX	XA	1	✓	✓															

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/04/07	Time Collected (24 hour): 1524
Core ID #: 0021	Core Segment ID #: BX	

Site: NFS North Site 1205 Banner Hill Road. Erwin, TN 37650	Client: Nuclear Fuel Services Project Name: Subsurface Characterization and FSS Project Mgr: Jeffrey Lively Project No: 9120071235
---	---

SWMU Sample: Full-Suite Radiological:

Regulatory Confirmation Sample: Gamma Only: Full-Suite:

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (GRISE)	Alpha Spectroscopy (GRISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (GRISE)	Tc-99 by Liquid Scint (GRISE)	EC65/At60m/1254 (Paragon)	SW-846: 6010C (Paragon): Arsenic, Beryllium	SW-846: 8270C (Paragon): Semi-Volatile Organics	SW-846: 8260B (Paragon): VOCs by Terra Core	SW-846: 7190A (Paragon): Hexavalent Chromium	SW-846: 7377A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0021	BX	XA	1	✓	✓															

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Field Sampler: Art Samilian /
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Date: 10/04/07



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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/04/07	Time Collected (24 hour): 1526
Core ID #: 0021	Core Segment ID #: CX	

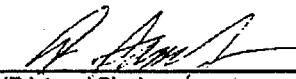
Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
--	---

Regulatory Confirmation Sample: <input checked="" type="checkbox"/>	Gamma Only: <input type="checkbox"/>	Full-Suite: <input checked="" type="checkbox"/>
---	--------------------------------------	---

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBS: Aroclor 1261 (Paragon)	SW 846: 6010C (Paragon): Arsenic, Beryllium	SW 846: 6270C (Paragon): Semi-Volatile Organics	SW 846: 6260B (Paragon): VOCs by Terra Sorb	SW 846: 7196A (Paragon): Hexavalent Chromium	SW 846: 7471A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0021	CX	XA	1	✓	✓															

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Field Sampler: Art Samiljan 
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Date: 10/04/07

FIELD SAMPLE DATA SHEET

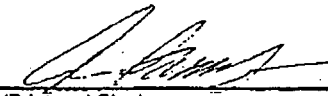
Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/04/07	Time Collected (24 hour): 1528
Core ID #: 0021	Core Segment ID #: DX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input type="checkbox"/>	Full-Suite Radiological: <input checked="" type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full-Suite: <input type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (GRISE)	Alpha Spectroscopy (GRISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (GRISE)	Tc-99 by Liquid Scint (GRISE)	PGEs, Aroclor 1254 (Paragon)	SW 846, 8010C (Paragon): Asbestos (Beryllium)	SW 846, 8270C (Paragon): Semi-Volatile Organics	SW 846, 8240B (Paragon): VOCs by Tare Cate	SW 846, 7490A (Paragon): Hexavalent Chromium	SW 846, 7471A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0021	DX	XA	1	✓	✓	✓	✓	✓												
0021	DX	XF							✓											✓
0021	DX	XQ							✓											✓

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/04/07	Time Collected (24 hour): 1530
Core ID #: 0021	Core Segment ID #: EX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input checked="" type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Selenium Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBS: Arsenic, Beryllium	SW 8-16, 6110C (Paragon): Arsenic, Beryllium	SW 8-16, 6270C (Paragon): Semi-Volatiles Organics	SW 8-16, 8250B (Paragon): VOCs by Term: Gore	SW 8-16, 7196A (Paragon): Hexavalent Chromium	SW 8-16, 7471A (Paragon): Mercury	Sample Preservation (Check IF YES)
Core #	Segment #	Sample #																		
0021	EX	XA	1	✓	✓															

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/04/07	Time Collected (24 hour): 16 / 2
Core ID #: 0022	Core Segment ID #: AX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input checked="" type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/> Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs, Aroclor 1254 (Paragon)	SW 846: 6010C (Paragon): Arsenic, Beryllium	SW 846: 8270C (Paragon): Semi-Volatile Organics	SW 846: 8260B (Paragon): VOCs by Term Core	SW 846: 7496A (Paragon): Hexavalent Chromium	SW 846: 7471A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0022	AX	XA	1	✓	✓															

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yyyy): 10/04/07	Time Collected (24 hour): 1618
Core ID #: 0022	Core Segment ID #: BX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
--	---

Regulatory Confirmation Sample: <input checked="" type="checkbox"/>	Gamma Only: <input type="checkbox"/>	Full-Suite: <input type="checkbox"/>
---	--------------------------------------	--------------------------------------

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs, Aroclor 1254 (Paragon)	SW846: 6010C (Paragon): Arsenic, Barium	SW846: 6270C (Paragon): Semi-Volatile Organics	SW846: 8260B (Paragon): VOCs by Terra Core	SW846: 7190A (Paragon): Hexavalent Chromium	SW846: 7470A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0022	BX	XA	1	✓	✓															

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/04/07	Time Collected (24 hour): 1630
Core ID #: 0022	Core Segment ID #: CX	


Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
---------------------------------------	---

Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/>	Full-Suite: <input type="checkbox"/>
--	---	--------------------------------------

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs: Aroclor 1254 (Paragon)	SW: B45, 6010C (Paragon): Aroclor, Beryllium	SW: B46, 8270C (Paragon): Semi-Volatile Organics	SW: B46, 8250B (Paragon): VOCs by TetraTorb	SW: B46, 7456A (Paragon): Hexavalent Chromium	SW: B46, 7471A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0022	CX	XA	1	✓	✓															

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/04/07	Time Collected (24 hour): 1635
Core ID #: 0022	Core Segment ID #: DX	

Site: NFS North Site 1205 Banner Hill Road. Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: Full-Suite Radiological:

Regulatory Confirmation Sample: Gamma Only: Full-Suite:

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PC95: Arsenic-124g (Paragon)	SW 846: 6010G (Paragon): Arsenic-Beryllium	SW 846: 6270G (Paragon): Semi-Volatile Organics	SW 846: 6260B (Paragon): VOCs by Terra-Coro	SW 846: 7156A (Paragon): Hexavalent Chromium	SW 846: 7471A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0022	DX	XA	1	✓	✓															

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/04/07	Time Collected (24 hour): 1437
Core ID #: 0022	Core Segment ID #: EX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input checked="" type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/> Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-239 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	Pb-210, Arsenic, 1254 (Paragon)	SW 846, 60106 (Paragon) Arsenic, Barium	SW 846, 82706 (Paragon) Semi-Volatile Organics	SW 846, 82606 (Paragon) VOCs by Tenax Core	SW 846, 7196A (Paragon) Hexavalent Chromium	SW 846, 7471A (Paragon) Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0022	EX	XA	1	✓	✓															

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Field Sampler: Art Samiljan / Date: 10/04/07
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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/05/07	Time Collected (24 hour): 0954
Core ID #: 0023	Core Segment ID #: AX	

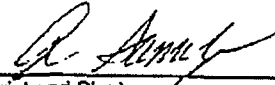
Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SVMU Sample: Full-Suite Radiological:

Regulatory Confirmation Sample: Gamma Only: Full-Suite:

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs: Aroclor 1254 (Paragon)	SW 846: 6010C (Paragon): Arsenic, Barium	SW 846: 8270C (Paragon): Semi-Volatile Organics	SW 846: 8260B (Paragon): VOCs by Terra Core	SW 846: 7196A (Paragon): Hexavalent Chromium	SW 846: 7471A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0023	AX	XA	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>															

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Field Sampler: Art Samiljan  Date: 10/05/07
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FIELD SAMPLE DATA SHEET


Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/05/07	Time Collected (24 hour): 1003
Core ID #: 0023	Core Segment ID #: BX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input type="checkbox"/>	Full-Suite Radiological: <input checked="" type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			ANALYSIS METHODS													Sample Preservation (Check if YES)					
Core #	Segment #	Sample #	NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs: Aroclor 1254 (Paragon)	SW 846: 4010C (Paragon): Arsenic, Barium		SW 846: 8270C (Paragon): Semi-Volatile Organics	SW 846: 8260E (Paragon): VOCs by Tetra-Cote	SW 846: 7190A (Paragon): Hexavalent Chromium	SW 846: 7471A (Paragon): Mercury	
0023	BX	XA	1	✓	✓	✓	✓	✓													
0023	BX	XF	1																		✓
0023	BX	XQ	1																		✓

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Field Sampler: Art Samillan 
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Date: 10/05/07



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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/05/07	Time Collected (24 hour): 1008
Core ID #: 0023	Core Segment ID #: CX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: Full-Suite Radiological:

Regulatory Confirmation Sample: Gamma Only: Full-Suite:

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs/Aroclor-1254 (Paragon)	SW 846-60100 (Paragon): Arsenic, Beryllium	SW 846-82700 (Paragon): Semi-Volatile Organics	SW 846-82800 (Paragon): VOCs by Tenax Core	SW 846-71800 (Paragon): Hexavalent Chromium	SW 846-74700 (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0023	CX	XA	1	✓	✓															

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Field Sampler: Art Samiljan / [Signature]
 (Print and Sign)

Date: 10/05/07



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 Fax 970.256.7356

FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/05/07	Time Collected (24 hour): 10/6
Core ID #: 0023	Core Segment ID #: DX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services Project Name: Subsurface Characterization and FSS Project Mgr: Jeffrey Lively Project No: 9120071235
---	---

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input checked="" type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon); Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE) Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs: Aroclor 1254 (Paragon)	SW: 846, 6010C (Paragon)/Arsenic, Beryllium	SW: 846, 8270C (Paragon); Semi-Volatile Organics	SW: 846, 8260B (Paragon); VOCs by Terra Core	SW: 846, 7495A (Paragon); Hexavalent Chromium	SW: 846, 7471A (Paragon); Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0023	DX	XA	1	✓	✓															

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Field Sampler: Art Samlljan / *A. Samlljan* Date: 10/05/07
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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/05/07	Time Collected (24 hour): 1018
Core ID #: 0023	Core Segment ID #: EX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full-Suite: <input type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grnd)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs: Aroclor 1254 (Paragon)	SW 846: 8010C (Paragon): Arsenic, Beryllium	SW 846: 8270C (Paragon): Semi-Volatile Organics	SW 846: 8260B (Paragon): VOCs by Tota Core	SW 846: 7180A (Paragon): Hexavalent Chromium	SW 846: 747A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0023	EX	XA	1	✓	✓															

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/05/07	Time Collected (24 hour): 1027
Core ID #: 0024	Core Segment ID #: AX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services Project Name: Subsurface Characterization and FSS Project Mgr: Jeffrey Lively Project No: 9120071235
---	---

SWMU Sample: <input type="checkbox"/>	Full-Suite Radiological: <input checked="" type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full-Suite: <input type="checkbox"/>

Unique Sample ID Number																Sample Preservation (Check if YES)										
Core #	Segment #	Sample #	NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	POBs: Aroclor-1254 (Paragon)	SW-846: 6010C (Paragon): Asenib; Beryllium		SW-846: 8270C (Paragon): Semi-Volatile Organics	SW-846: 8260B (Paragon): VOCs by Terra-Corb	SW-846: 7195A (Paragon): Hexavalent Chromium	SW-846: 7471A (Paragon): Mercury						
0024	AX	XA	1	✓	✓	✓	✓	✓																		
0024	AX	XF	1							✓																✓
0024	AX	XQ	1							✓																✓
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Date: 10/05/07



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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/05/07	Time Collected (24 hour): 1035
Core ID #: 0024	Core Segment ID #: BX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input checked="" type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/> Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NES)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs, Aroclor 1254 (Paragon)	SW 846, 6010C (Paragon): Persistent Beryllium	SW 846, 8270C (Paragon): Semi-Volatile Organics	SW 846, 8260B (Paragon): VOCs by Terra Core	SW 846, 7198A (Paragon): Hexavalent Chromium	SW 846, 7471A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0024	BX	XA	1	✓	✓															

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/05/07	Time Collected (24 hour): 1036
Core ID #: 0024	Core Segment ID #: CX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services Project Name: Subsurface Characterization and FSS Project Mgr: Jeffrey Lively Project No: 9120071235
--	---

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
--	---

Regulatory Confirmation Sample: <input checked="" type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/>	Full-Suite: <input checked="" type="checkbox"/>
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Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs: Aroclor 1254 (Paragon)	SW 818: 8010C (Paragon): Cyanic, Beryllium	SW 846: 8270C (Paragon): Semi-Volatile Organics	SW 845: 8280B (Paragon): VOCs by Terra-Cora	SW 846: 7155A (Paragon): Hexavalent Chromium	SW 816: 7471A (Paragon): Mercury	Sample Preservation (Check if YES)	
Core #	Segment #	Sample #																			
0024	CX	XA	1	✓	✓																

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/05/07	Time Collected (24 hour): 1046
Core ID #: 0024	Core Segment ID #: DX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services Project Name: Subsurface Characterization and FSS Project Mgr: Jeffrey Lively Project No: 9120071235
--	---

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
--	---

Regulatory Confirmation Sample: <input checked="" type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/>	Full-Suite: <input checked="" type="checkbox"/>
---	---	---

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (GRISE)	Alpha Spectroscopy (GRISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (GRISE)	Tc-99 by Liquid Scint (GRISE)	PCBs: Aroclor 1254 (Paragon)	SW: 816, 6010C (Paragon): Arsenic, Beryllium	SW: 846, 8270C (Paragon): Semi-Volatile Organics	SW: 846, 8280E (Paragon): VOCs by Terra Corp.	SW: 846, 7196A (Paragon): Hexavalent Chromium	SW: 846, 7477A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0024	DX	XA	1	✓	✓															

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/05/07	Time Collected (24 hour): 1052
Core ID #: 0024	Core Segment ID #: EX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
--	---

Regulatory Confirmation Sample: <input checked="" type="checkbox"/>	Gamma Only: <input type="checkbox"/>	Full-Suite: <input type="checkbox"/>
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Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (GRISE)	Alpha Spectroscopy (GRISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (GRISE)	Tc-99 by Liquid Scint (GRISE)	RCRa, Rb-87, Rb-129 (Paragon)	SW-846, 8010C (Paragon): Arsenic, Beryllium	SW-846, 8270C (Paragon): Semi-Volatile Organics	SW-846, 8260B (Paragon): VOCs by Tare Can	SW-846, 7196A (Paragon): Hexavalent Chromium	SW-846, 74 (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0024	EX	XA	1	✓	✓															

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Date: 10/05/07



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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/05/07	Time Collected (24 hour): 1053
Core ID #: 0024	Core Segment ID #: FX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: Full-Suite Radiological:

Regulatory Confirmation Sample: Gamma Only: Full-Suite:

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs: Aroclor 1254 (Paragon)	SW 846: 8010C (Paragon): Arsenic, Beryllium	SW 846: 8270C (Paragon): Semi-Volatile Organics	SW 846: 82609 (Paragon): VOCs by Terra Core	SW 846: 7156A (Paragon): Hexavalent Chromium	SW 846: 7470A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0024	FX	XA	1	✓	✓															

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/05/07	Time Collected (24 hour): 1057
Core ID #: 0024	Core Segment ID #: GX	


Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: Full-Suite Radiological:

Regulatory Confirmation Sample: Gamma Only: Full-Suite:

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (GRISE)	Alpha Spectroscopy (GRISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (GRISE)	Tc-99 by Liquid Scint (GRISE)	PCBs, Aroclor 1254 (Paragon)	SW 846, 8010C (Paragon): Arsenic, Barium	SW 846, 8270C (Paragon): Semi-Volatile Organics	SW 846, 8260B (Paragon): VOCs by Tent Core	SW 846, 7496A (Paragon): Hexavalent Chromium	SW 846, 7471A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0024	GX	XA	1	✓	✓															

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/05/07	Time Collected (24 hour): 1119
Core ID #: 0025	Core Segment ID #: AX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/> Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs, Aroclor 1254 (Paragon)	SW 245: 5010C (Paragon): Arsenic, Beryllium	SW 246: 8270C (Paragon): Semi-Volatile Organics	SW 246: 8250B (Paragon): VOCs by Tera Core	SW 246: 7186A (Paragon): Hexavalent Chromium	SW 246: 747A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0025	AX	XA	1	✓	✓															

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/05/07	Time Collected (24 hour): 1123
Core ID #: 0025	Core Segment ID #: BX	

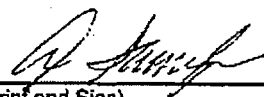
Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
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Regulatory/Confirmation Sample: <input checked="" type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/>	Full-Suite: <input checked="" type="checkbox"/>
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Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBB, Arochlor 1248 (Paragon)	SW 846, 6010C (Paragon): Arsenic, Beryllium	SW 846, 8270C (Paragon): Semi-Volatile Organics	SW 846, 8260B (Paragon): VOCs by Terra Core	SW 846, 7196A (Paragon): Hexavalent Chromium	SW 846, 7471A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0025	BX	XA	1	✓	✓															

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/05/07	Time Collected (24 hour): 1127
Core ID #: 0025	Core Segment ID #: CX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: Full-Suite Radiological:

Regulatory Confirmation Sample: Gamma Only: Full-Suite:

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (GRISE)	Alpha Spectroscopy (GRISE)/Am, Pu, U, Th	Pu-241 by Liquid Scint (GRISE)	Tc-99 by Liquid Scint (GRISE)	FCBs: Aroclor 1264 (Paragon)	SW 840, 80105 (Paragon): Arsenic, Beryllium	SW 846, 82705 (Paragon): Semi-Volatile Organics	SW 845, 82605 (Paragon): VOCs by Termi Core	SW 846, 7198A (Paragon): Hexavalent Chromium	SW 846, 7471A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0025	CX	XA	1	✓	✓															

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Field Sampler: Art Samilljan / [Signature]
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Date: 10/05/07



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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/05/07	Time Collected (24 hour): 1130
Core ID #: 0025	Core Segment ID #: DX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
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Regulatory/Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/>	Full-Suite: <input type="checkbox"/>
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Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon); Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE); Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs; Aroclor 1254 (Paragon)	SW 846, 6010C (Paragon); Arsenic; Beryllium	SW 846, 8270G (Paragon); Semi-Volatile Organics	SW 846, 8260B (Paragon); VOCs by Tenax Core	SW 846, 7189A (Paragon); Hexavalent Chromium	SW 846, 7471A (Paragon); Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #	1	✓	✓															
0025	DX	XA	1	✓	✓															

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Field Sampler: Art Samilian / *[Signature]* Date: 10/05/07
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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/05/07	Time Collected (24 hour): 1134
Core ID #: 0025	Core Segment ID #: EX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
---	--

Regulatory Confirmation Sample: <input checked="" type="checkbox"/>	Gamma Only: <input type="checkbox"/>	Full-Suite: <input type="checkbox"/>
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Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE)/Am, Pu, U, Th	Pu-239 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs: Arochlor 1254 (Paragon)	SW-846: 5010C (Paragon): Arsenic, Beryllium	SW-846: 9270C (Paragon): Semi-Volatile Organics	SW-846: 9260B (Paragon): VOCs by Tenax Core	SW-846: 7160A (Paragon): Hexavalent Chromium	SW-846: 477A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0025	EX	XA	1	✓	✓															

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Field Sampler: Art Samilian / **Date:** 10/05/07

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/05/07	Time Collected (24 hour): 1137
Core ID #: 0025	Core Segment ID #: FX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: Full-Suite Radiological:

Regulatory Confirmation Sample: Gamma Only: Full-Suite:

Core #	Segment #	Sample #	Unique Sample ID Number	NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (GRISE)	Alpha Spectroscopy (GRISE): Am, Pu, U, Th	Pu-239 by Liquid Scint (GRISE)	Tc-99 by Liquid Scint (GRISE)	PGBs: Aroclor: 1254 (Paragon)	SW 846, 6010C (Paragon): Aroclor, Beryllium	SW 846, 8270C (Paragon): Semi-Volatile Organics	SW 846, 8280B (Paragon): VOCs by Terra Core	SW 846, 7196A (Paragon): Hexavalent Chromium	SW 846, 7471A (Paragon): Mercury	Sample Preservation (Check if YES)	
0025	FX	XA		1	✓	✓																

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/05/07	Time Collected (24 hour): 1147
Core ID #: 0026	Core Segment ID #: AX	

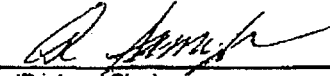
Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
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Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/>	Full-Suite: <input checked="" type="checkbox"/>
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Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (GRISE)	Alpha Spectroscopy (GRISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (GRISE)	Tc-99 by Liquid Scint (GRISE)	PCBs, Aroclor 1254 (Paragon)	SW 816, 6010C (Paragon): Arsenic, Barium	SW 816, 8270C (Paragon): Semi-Volatile Organics	SW 816, 8260B (Paragon): VOCs by Terra Core	SW 816, 7198A (Paragon): Hexavalent Chromium	SW 816, 7471A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0026	AX	XA	1	✓	✓															

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Field Sampler: Art Samiljan 
(Print and Sign)

Date: 10/05/07



MACTEC Development Corp.
 751 Horizon Ct. Suite 104
 Grand Junction, CO 81506
 Phone 970.243.2861
 Fax 970.256.7356

FIELD SAMPLE DATA SHEET

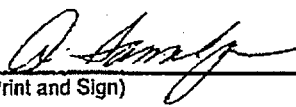
Survey Unit ID#: 2	Date Collected (mm/dd/yyyy): 10/05/07	Time Collected (24 hour): 1149
Core ID #: 0026	Core Segment ID #: BX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input type="checkbox"/>	Full-Suite Radiological: <input checked="" type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full-Suite: <input type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs, Aroclor, 1254 (Paragon)	SW 846, 8010C (Paragon): Arsenic, Beryllium	SW 846, 8270C (Paragon): Semi-Volatile Organics	SW 846, 8260B (Paragon): VOCs by Terra Core	SW 846, 7186A (Paragon): Hexavalent Chromium	SW 846, 747A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0026	BX	XA	1	✓	✓	✓	✓	✓												
0026	BX	XF	1						✓											✓
0026	BX	XQ	1						✓											✓

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/05/07	Time Collected (24 hour): 1158
Core ID #: 0026	Core Segment ID #: CX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full-Suite: <input type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs: Aroclor 1254 (Paragon)	SW 846: 60100 (Paragon): Arsenic, Beryllium	SW 846: 82700 (Paragon): Semi-Volatile Organics	SW 846: 82800 (Paragon): VOCs by Total Carb	SW 848: 7190A (Paragon): Hexavalent Chromium	SW 848: 7171A (Paragon): Mercury	Sample Preservation (Check if YES)	
Core #	Segment #	Sample #																			
0026	CX	XA	1	✓	✓																

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/05/07	Time Collected (24 hour): 1209
Core ID #: 0026	Core Segment ID #: DX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: Full-Suite Radiological:

Regulatory/Confirmation Sample: Gamma Only: Full-Suite:

Unique Sample ID Number			NUMBER of CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	RbCs: Arator-1254 (Paragon)	SW 846: 8010C (Paragon): Arsenic, Beryllium	SW 846: 8276C (Paragon): Semi-Volatile Organics	SW 846: 8260B (Paragon): VOCs by Terra Core	SW 846: 7195A (Paragon): Hexavalent Chromium	SW 846: 7470A (Paragon): Mercury	Sample Preservation (Check if YES)	
Core #	Segment #	Sample #																			
0026	DX	XA	1	✓	✓																

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Date: 10/05/07



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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yyyy): 10/05/07	Time Collected (24 hour): 1207
Core ID #: 0026	Core Segment ID #: EX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services Project Name: Subsurface Characterization and FSS Project Mgr: Jeffrey Lively Project No: 9120071235
---	---

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
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Regulatory Confirmation Sample: <input checked="" type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/>	Full-Suite: <input checked="" type="checkbox"/>
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Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint. (Paragon)	Tc-99 by Liquid Scint. (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint. (ORISE)	Tc-99 by Liquid Scint. (ORISE)	PCBs, Aroclor-1254 (Paragon)	SW 846, 80103 (Paragon): Arsenic, Beryllium	SW 846, 8270C (Paragon): Semi-Volatile Organics	SW 846, 8260B (Paragon): VolCs by Terra Core	SW 846, 7198A (Paragon): Hexavalent Chromium	SW 846, 7471A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0026	EX	XA	1	✓	✓															

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Field Sampler: Art Samilian /
 (Print and Sign)

Date: 10/05/07



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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/05/07	Time Collected (24 hour): 12/14
Core ID #: 0026	Core Segment ID #: FX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
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Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/>	Full-Suite: <input checked="" type="checkbox"/>
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Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs, Aroclor 1254 (Paragon)	SW 846, 6010C (Paragon): Arsenic, Barium	SW 846, 8200C (Paragon): Semi-Volatile Organics	SW 846, 8260B (Paragon): VOCs by Tens Cone	SW 846, 7390A (Paragon): Hexavalent Chromium	SW 846, 7471A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0026	FX	XA	1	✓	✓															

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Date: 10/05/07

FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/05/07	Time Collected: 1218
Core ID #: 0026	Core Segment ID #: GX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input type="radio"/>	Full-Suite Radiological: <input type="radio"/>
Regulatory Confirmation Sample: <input type="radio"/>	Gamma Only: <input type="radio"/> Full-Suite: <input type="radio"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Tc-99 by Liquid Scint (Paragon)	Pu-241 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Tc-99 by Liquid Scint (ORISE)	Pu-241 by Liquid Scint (ORISE)	PCBs, Aroclor 1254 (Paragon)	SW 846, 6010C (Paragon): Arsenic, Beryllium	SW 846, 8270C (Paragon): Semi-Volatile Organics	SW 846, 8260B (Paragon): VOCs by Terra Core	SW 846, 7196A (Paragon): Hexavalent Chromium	SW 846, 7471A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0026	GX	XA	1	✓	✓															

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FIELD SAMPLE DATA SHEET


Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/08/07	Time Collected (24 hour): 1018
Core ID #: 0027	Core Segment ID #: AX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/> Full-Suite: <input type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	POBS: Arsenic, 125I (Paragon)	SW 846: 601 DC (Paragon): Arsenic, Beryllium	SW 846: 82706 (Paragon): Semi-Volatile Organics	SW 846: 8260B (Paragon): VOCs by Terra Core	SW 846: 7195A (Paragon): Hexavalent Chromium	SW 846: 7471A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0027	AX	XA	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>															

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/08/07	Time Collected (24 hour): 1022
Core ID #: 0027	Core Segment ID #: BX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (GRISE)	Alpha Spectroscopy (GRISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (GRISE)	Tc-99 by Liquid Scint (GRISE)	PCBs, Aroclor-1254 (Paragon)	SW-846: (P)10C (Paragon): Arsenic, Beryllium	SW-846: 8270C (Paragon): Semi-Volatile Organics	SW-846: 8260B (Paragon): VOCs by Terra Core	SW-846: 7190A (Paragon): Hexavalent Chromium	SW-846: 7471A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0027	BX	XA	1	✓	✓															

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/08/07	Time Collected (24 hour): 1024
Core ID #: 0027	Core Segment ID #: CX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: Full-Suite Radiological:

Regulatory Confirmation Sample: Gamma Only: Full-Suite:

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs, Aroclor: 1264 (Paragon)	SW 846, 8010C (Paragon): Arsenic, Beryllium	SW 846, 8270C (Paragon): Semi-Volatile Organics	SW 846, 8260B (Paragon): VOCs by Tera Core	SW 846, 7496A (Paragon): Hexavalent Chromium	SW 846, 7471A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0027	CX	XA	1	✓	✓															

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/08/07	Time Collected (24 hour): 1028
Core ID #: 0027	Core Segment ID #: DX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services Project Name: Subsurface Characterization and FSS Project Mgr: Jeffrey Lively Project No: 9120071235
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SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full-Suite: <input type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs: Aroclor 1254 (Paragon)	SW 846: 6010C (Paragon): Arsenic; Beryllium	SW 846: 6270C (Paragon): Semi-Volatile Organics	SW 846: 8250B (Paragon): VOCs by Terra Core	SW 846: 7130A (Paragon): Hexavalent Chromium	SW 846: 7171A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0027	DX	XA	1	✓	✓															

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/08/07	Time Collected (24 hour): 1032
Core ID #: 0027	Core Segment ID #: EX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input checked="" type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/> Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCB: Aroclor 1254 (Paragon)	SW-846: 8010C (Paragon): Arsenic, Beryllium	SW-846: 8270C (Paragon): Semi-Volatiles Organics	SW-846: 8260B (Paragon): VOCs by Terra Core	SW-846: 7195A (Paragon): Hexavalent Chromium	SW-846: 7470A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0027	EX	XA	1	✓	✓															

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/08/07	Time Collected (24 hour): 1036
Core ID #: 0027	Core Segment ID #: FX	

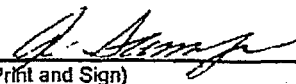
Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: Full-Suite Radiological:

Regulatory Confirmation Sample: Gamma Only: Full-Suite:

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grnd)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs, Arochlor 1254 (Paragon)	SW 846: 6010C (Paragon): Arsenic, Beryllium	SW 846: 8270C (Paragon): Semi-Volatile Organics	SW 846: 8260B (Paragon): VOCs by Terra Core	SW 846: 7195A (Paragon): Hexavalent Chromium	SW 846: 7471A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0027	FX	XA	1	✓	✓															

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/08/07	Time Collected (24 hour): 1102
Core ID #: 0028	Core Segment ID #: AX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input type="checkbox"/>	Full-Suite Radiological: <input checked="" type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full-Suite: <input type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	POBs: Aroclor 1254 (Paragon)	SW 846: 6010C (Paragon): Asenic, Beryllium	SW 846: 8270C (Paragon): Semi-Volatiles Organics	SW 846: 0260B (Paragon): VOCs by Terra Core	SW 846: 7158A (Paragon): Hexavalent Chromium	SW 846: 7471A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0028	AX	XA	1	✓	✓	✓	✓	✓												
0028	AX	XF							✓											✓
0028	AX	XQ							✓											✓

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Field Sampler: Art Samiljan / [Signature] Date: 10/08/07
 (Print and Sign)

FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/08/07	Time Collected (24 hour): 1108
Core ID #: 0028	Core Segment ID #: BX	

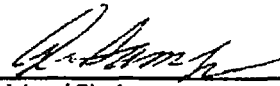
Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
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Regulatory Confirmation Sample: <input checked="" type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/>	Full-Suite: <input checked="" type="checkbox"/>
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Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grnd)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs: Aroclor 1254 (Paragon)	SW 846, 8010C (Paragon): Arsenic, Beryllium	SW 846, 8270C (Paragon): Semi-Volatile Organics	SW 846, 8260B (Paragon): VOCs by Terra-Core	SW 846, 7199A (Paragon): Hexavalent Chromium	SW 846, 7471A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0028	BX	XA	1	✓	✓															

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Field Sampler: Art Samilljan / 
(Print and Sign)

Date: 10/08/07



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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/08/07	Time Collected (24 hour): // / ✓
Core ID #: 0028	Core Segment ID #: CX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full-Suite: <input type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PGBs: Aradbi-1254 (Paragon)	SW 846: 6010C (Paragon): Arsenic, Beryllium	SW 846: 8270C (Paragon): Semi-Volatile Organics	SW 846: 8260B (Paragon): VOCs by Terra Core	SW 848: 7196A (Paragon): Hexavalent Chromium	SW 846: 7471A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0028	B CX	XA	1	✓	✓															
	# 10/8/07																			

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/08/07	Time Collected (24 hour): 1118
Core ID #: 0028	Core Segment ID #: DX	

Site: NFS North Site 1205 Banner Hill Road. Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input checked="" type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/> Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs/Aroclor-1254 (Paragon)	SW-846: 6010C (Paragon): Arsenic, Beryllium	SW-846: 8270C (Paragon): Semi-Volatile Organics	SW-846: 8280B (Paragon): VOCs by Tenax Core	SW-846: 7195A (Paragon): Hexavalent Chromium	SW-846: 7471A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0028	DX	XA	1	✓	✓															

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/08/07	Time Collected (24 hour): 1124
Core ID #: 002.8	Core Segment ID #: EX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
--	---

Regulatory Confirmation Sample: <input checked="" type="checkbox"/>	Gamma Only: <input type="checkbox"/>	Full-Suite: <input type="checkbox"/>
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Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBS: Arabin (254) (Paragon)	SW 846: 6010C (Paragon): Arsenic, Beryllium	SW 846: 8270C (Paragon): Semi-Volatile Organics	SW 846: 8260B (Paragon): VOCs by Teflon Core	SW 846: 7198A (Paragon): Hexavalent Chromium	SW 846: 7471A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0028	EX	XA	1	✓	✓															

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/08/07	Time Collected (24 hour): 1126
Core ID #: 0028	Core Segment ID #: FX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services Project Name: Subsurface Characterization and FSS Project Mgr: Jeffrey Lively Project No: 9120071235
--	---

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input checked="" type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs, Aroclor 1254 (Paragon)	SW 846: 6010C (Paragon): Arsenic, Barium	SW 846: 8270C (Paragon): Semi-Volatile Organics	SW 846: 8260B (Paragon): VOCs by Tetra Cde	SW 846: 7190A (Paragon): Hexavalent Chromium	SW 846: 7471A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0028	FX	XA	1	✓	✓															

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/08/07	Time Collected (24 hour): 1130
Core ID #: 0028	Core Segment ID #: GX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/> Full-Suite: <input type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBS: Aroclor 1254 (Paragon)	SW 846: 6010C (Paragon): Arsenic, Beryllium	SW 848: 8270C (Paragon): Semi-Volatile Organics	SW 846: 8250B (Paragon): VOCs by Terra Core	SW 846: 7198A (Paragon): Hexavalent Chromium	SW 846: 7471A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0028	GX	XA	1	✓	✓															

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/08/07	Time Collected (24 hour): 1135
Core ID #: 0028	Core Segment ID #: HX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services Project Name: Subsurface Characterization and FSS Project Mgr: Jeffrey Lively Project No: 9120071235
---	---

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/> Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs: Aroclor 1254 (Paragon)	SW 846, 8010C (Paragon): Arsenic, Beryllium	SW 846, 827DC (Paragon): Semi-Volatile Organics	SW 846, 828DB (Paragon): VOCs by Terra Core	SW 846, 719BA (Paragon): Hexavalent Chromium	SW 846, 747A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0028	HX	XA	1	✓	✓															

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/08/07	Time Collected (24 hour): 1158
Core ID #: 0029	Core Segment ID #: AX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full Suite: <input type="checkbox"/>

Unique Sample ID Number			NUMBER of CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	Rb87, Ar40: 1254 (Paragon)	SW846: 0010C (Paragon): Arsenic, Beryllium	SW846: 82700 (Paragon): Semi-Volatile Organics	SW846: 8280B (Paragon): VOCs by Terra Core	SW846: 7198A (Paragon): Hexavalent Chromium	SW846: 7471A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0029	AX	XA	1	✓	✓															

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Date: 10/08/07

FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/08/07	Time Collected (24 hour): 1200
Core ID #: 0029	Core Segment ID #: BX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input type="checkbox"/>	Full-Suite Radiological: <input checked="" type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full-Suite: <input type="checkbox"/>

Core #	Segment #	Sample #	NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs: Aroclor 1254 (Paragon)	SW 845: 6010C (Paragon): Arsenic, Beryllium	SW 846: 8270C (Paragon): Semi-Volatile Organics	SW 848: 9260B (Paragon): VOCs by Tera Core	SW 846: 7196A (Paragon): Hexavalent Chromium	SW 846: 7471A (Paragon): Mercury	Sample Preservation (Check if YES)	
																					Unique Sample ID Number
0029	BX	XA	1	✓	✓	✓	✓														
0029	BX	XF	1						✓												✓
0029	BX	XQ	1						✓												✓

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/08/07	Time Collected (24 hour): / 208
Core ID #: 0029	Core Segment ID #: CX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services Project Name: Subsurface Characterization and FSS Project Mgr: Jeffrey Lively Project No: 9120071235
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SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
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Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/>	Full-Suite: <input type="checkbox"/>
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Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PGS: Aroclor 1254 (Paragon)	SW 846: 8010C (Paragon): Arsenic, Beryllium	SW 846: 8270C (Paragon): Semi-Volatile Organics	SW 846: 8260B (Paragon): VOCs by Terra Care	SW 846: 7186A (Paragon): Hexavalent Chromium	SW 846: 7471A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0029	CX	XA	1	✓	✓															

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/08/07	Time Collected (24 hour): 1210
Core ID #: 0029	Core Segment ID #: DX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: Full-Suite Radiological:

Regulatory Confirmation Sample: Gamma Only: Full-Suite:

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs: Aroclor 1254 (Paragon)	SW 846: 90105 (Paragon): Arsenic, Beryllium	SW 846: 8270C (Paragon): Semi-Volatile Organics	SW 846: 8260B (Paragon): VOCs by Terra Core	SW 846: 7198A (Paragon): Hexavalent Chromium	SW 846: 7471A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0029	DX	XA	1	✓	✓															

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/08/07	Time Collected (24 hour): 12/2
Core ID #: 0029	Core Segment ID #: EX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input checked="" type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/>
	Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon); Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE); Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBS, Aroclor 1254 (Paragon)	SW 846, 60106; (Paragon); Arsenic; Beryllium	SW 846, 8270C (Paragon); Semi-Volatile Organics	SW 846, 8260B (Paragon); VOCs by Terra Core	SW 846, 7196A (Paragon); Hexavalent Chromium	SW 846, 7471A (Paragon); Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0029	EX	XA	1	✓	✓															

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/08/07	Time Collected (24 hour): 1216
Core ID #: 0029	Core Segment ID #: FX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
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Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/>	Full-Suite: <input type="checkbox"/>
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Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBS/Aroclor 1254 (Paragon)	SW 846: 5010C (Paragon): Arsenic, Barium	SW 846: 8270C (Paragon): Semi-Volatiles Organics	SW 846: 8280B (Paragon): VOCs by Tetra Core	SW 846: 7196A (Paragon): Hexavalent Chromium	SW 846: 7471A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0029	FX	XA	1	✓	✓															

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/08/07	Time Collected (24 hour): 1222
Core ID #: 0029	Core Segment ID #: HX	

Site: NFS North Site 1205 Banner Hill Road, Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: Full-Suite Radiological:

Regulatory/Confirmation Sample: Gamma Only: Full-Suite:

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grnd)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs: Aroclor 1254 (Paragon)	SW346: 6010C (Paragon): Arsenic, Beryllium	SW 346: 8270C (Paragon): Semi-Volatile Organics	SW 346: 8280S (Paragon): VOCs by Terra Core	SW 648: 7186A (Paragon): Hexavalent Chromium	SW 346: 7471A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0029	HX	XA	1	✓	✓															

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Date: 10/08/07



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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/08/07	Time Collected (24 hour): 1226
Core ID #: 0029	Core Segment ID #: IX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input checked="" type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/> Full-Suite: <input type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grnd)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs: Aroclor 1254 (Paragon)	SW 846: 80102 (Paragon): Arsenic, Barium	SW 846: 82703 (Paragon): Semi-Volatile Organics	SW 846: 82603 (Paragon): VOCs by Terra Care	SW 846: 7195A (Paragon): Hexavalent Chromium	SW 846: 7471A (Paragon): Mercury	Sample Preservation (Check if YES)	
Core #	Segment #	Sample #																			
0029	IX	XA	1	✓	✓																

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Field Sampler: Art Samiljan / **Date:** 10/08/07

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/08/07	Time Collected (24 hour): 1230
Core ID #: 0029	Core Segment ID #: JX	

Site: NFS North Site 1205 Banner Hill Road. Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: Full-Suite Radiological:

Regulatory Confirmation Sample: Gamma Only: Full-Suite:

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon); Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (GRISE)	Alpha Spectroscopy (GRISE); Am, Pu, U, Th	Pu-241 by Liquid Scint (GRISE)	Tc-99 by Liquid Scint (GRISE)	PCBs, Aroclor 1254 (Paragon)	SW 846: 8010C (Paragon); Arsenic, Beryllium	SW 846: 8270C (Paragon); Semi-Volatile Organics	SW 846: 8260B (Paragon); VOCs by Terra-Cote	SW 846: 7190A (Paragon); Hexavalent Chromium	SW 846: 7170A (Paragon); Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0029	JX	XA	1	✓	✓															

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 (Print and Sign)

Date: 10/08/07



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 751 Horizon Ct. Suite 104
 Grand Junction, CO 81506
 Phone 970.243.2861
 Fax 970.256.7356

FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/03/07	Time Collected (24 hour): 1446
Core ID #: 0030	Core Segment ID #: AX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full-Suite: <input type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (GRISE)	Alpha Spectroscopy (GRISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (GRISE)	Tc-99 by Liquid Scint (GRISE)	PCBs, Aroclor 1254 (Paragon)	SW 846, 6010C (Paragon): Arsenic, Beryllium	SW 846, 1270C (Paragon): Semi-Volatile Organics	SW 846, 8250B (Paragon): VOCs by Tama Core	SW 846, 7198A (Paragon): Hexavalent Chromium	SW 846, 7471A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0030	AX	XA	1	✓	✓															
0030	AX	XH	1											✓	✓	✓	✓	✓		✓
0030	AX	XG	1														✓			✓

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Date: 10/03/07

FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/03/07	Time Collected (24 hour): 1450
Core ID #: 0030	Core Segment ID #: BX	

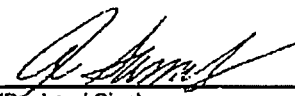
Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input checked="" type="checkbox"/>
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Regulatory/Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/>	Full-Suite: <input type="checkbox"/>
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Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs, Aroclor 1254 (Paragon)	SW/848: 6010C (Paragon)/Arsenic, Beryllium	SW/846: 8270C (Paragon): Semi-Volatile Organics	SW/846: 8260B (Paragon): VOCs by Terra Core	SW/846: 7199F (Paragon): Hexavalent Chromium	SW/846: 7471A (Paragon): Mercury	Sample Preservation (Check if YES)	
Core #	Segment #	Sample #																			
0030	BX	XA	1	✓	✓	✓	✓	✓													
0030	BX	XH	1											✓	✓		✓	✓			✓
0030	BX	XG	1														✓				✓
0030	BX	XF	1						✓												✓
0030	BX	XQ	1						✓												✓

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FIELD SAMPLE DATA SHEET

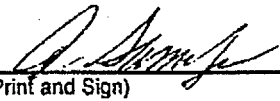
Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/03/07	Time Collected (24 hour): 1454
Core ID #: 0030	Core Segment ID #: CX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full-Suite: <input type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	FCBs: Aradion-125i (Paragon)	SW-846: 6010C (Paragon): Arsenic, Beryllium	SW-846: 9270D (Paragon): Semi-Volatile Organics	SW-846: 8260B (Paragon): VOCs by Terra Core	SW-846: 7186A (Paragon): Hexavalent Chromium	SW-846: 7471A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0030	CX	XA	1	✓	✓															
0030	CX	XH	1											✓	✓	✓		✓	✓	✓
0030	CX	XG	1																	✓
0030	CX	FD-009X-XH	1											✓	✓	✓		✓	✓	✓
0030	CX	FD-009X-XG	1																	✓

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Date: 10/03/07



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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/03/07	Time Collected (24 hour): 1518
Core ID #: 0030	Core Segment ID #: DX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
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Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/>	Full-Suite: <input type="checkbox"/>
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Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs: Aroclor 1248 (Paragon)	SW-846: 6010C (Paragon): Arsenic, Beryllium	SW-846: 8270C (Paragon): Semi-Volatile Organics	SW-846: 8260B (Paragon): VOCs by Term: Cbro	SW-846: 7195A (Paragon): Hexavalent Chromium	SW-846: 7471A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0030	DX	XA	1	✓	✓															
0030	DX	XH	1											✓	✓	✓		✓	✓	✓
0030	DX	XG	1																	✓

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/03/07	Time Collected (24 hour): 1524
Core ID #: 0030	Core Segment ID #: EX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full-Suite: <input type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon); Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE); Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs: Aroclor-1254 (Paragon)	SW-846: 8010C (Paragon); Arsenic; Beryllium	SW-846: 8270C (Paragon); Semi-Volatile Organics	SW-846: 8260B (Paragon); VOCs by TerraCore	SW-846: 7190A (Paragon); Hexavalent Chromium	SW-846: 7471A (Paragon); Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0030	EX	XA	1	✓	✓															
0030	EX	XH	1											✓	✓	✓		✓	✓	✓
0030	EX	XG	1														✓			✓

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/03/07	Time Collected (24 hour): 1528
Core ID #: 0030	Core Segment ID #: FX	


Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: Full-Suite Radiological:

Regulatory Confirmation Sample: Gamma Only: Full-Suite:

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs: Aroclor 1254 (Paragon)	SW-846: 60100 (Paragon): Arsenic, Beryllium	SW-846: 82706 (Paragon): Semi-Volatile Organics	SW-846: 8260B (Paragon): VOCs by Terra-Core	SW-846: 7180A (Paragon): Hexavalent Chromium	SW-846: 7471A (Paragon): Mercury	Sample Preservation (Check if YES)	
Core #	Segment #	Sample #																			
0030	FX	XA	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																
0030	FX	XH	1											<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
0030	FX	XG	1															<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
0030	FX	MS-0030-FX-XH	1											<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
0030	FX	MSD-0030-FX-XG	1															<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	

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Field Sampler: Art Samiljan 
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Date: 10/03/07

FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/03/07	Time Collected (24 hour): 1534
Core ID #: 0030	Core Segment ID #: GX	

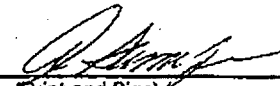
Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
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Regulatory/Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/>	Full-Suite: <input type="checkbox"/>
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Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs, Aroclor 1254 (Paragon)	SW 846: 8010C (Paragon)/Arsenic, Beryllium	SW 846: 8270C (Paragon): Semi-Volatile Organics	SW 846: 8250B (Paragon): VOCs by Terra-Core	SW 846: 7496A (Paragon): Hexavalent Chromium	SW 846: 7471A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0030	GX	XA	1	✓	✓															
0030	GX	XH	1											✓	✓	✓				✓
0030	GX	XG	1															✓		✓

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/03/07	Time Collected (24 hour): 1540
Core ID #: 0030	Core Segment ID #: HX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services Project Name: Subsurface Characterization and FSS Project Mgr: Jeffrey Lively Project No: 9120071235
---	---

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/> Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs, Aroclor: 1248 (Paragon)	SW 846: 6010C (Paragon): Arsenic, Beryllium	SW 846: 8210C (Paragon): Semi-Volatile Organics	SW 846: 8260B (Paragon): VOCs by Tera-Core	SW 846: 1480A (Paragon): Hexavalent Chromium	SW 846: 7471A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0030	HX	XA	1	✓	✓															
0030	HX	XH	1											✓	✓	✓		✓	✓	✓
0030	HX	XG	1														✓			✓

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/03/07	Time Collected (24 hour): 1550
Core ID #: 0030	Core Segment ID #: IX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
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Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/>	Full-Suite: <input type="checkbox"/>
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Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (GRISE)	Alpha Spectroscopy (GRISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (GRISE)	Tc-99 by Liquid Scint (GRISE)	PCBs, Aroclor 1254 (Paragon)	SW 846, 6010C (Paragon): Arsenic, Barium	SW 845, 8270C (Paragon): Semi-Volatile Organics	SW 846, 8240B (Paragon): VOCs by Terra-Cote	SW 846, 7496A (Paragon): Hexavalent Chromium	SW 846, 7471A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0030	IX	XA	1	✓	✓															
0030	IX	XH	1											✓	✓	✓		✓	✓	✓
0030	IX	XG	1														✓			✓

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Field Sampler: Art Samillan / [Signature]
 (Print and Sign)

Date: 10/03/07



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 751 Horizon Ct. Suite 104
 Grand Junction, CO 81506
 Phone 970.243.2861
 Fax 970.256.7356

FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/03/07	Time Collected (24 hour): 1554
Core ID #: 0030	Core Segment ID #: JX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full-Suite: <input type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs: Aroclor 1254 (Paragon)	SW 846: 6010G (Paragon): Arsenic, Beryllium	SW 846: 8270G (Paragon): Semi-Volatile Organics	SW 846: 8260B (Paragon): VOCs by Terra Core	SW 846: 7195A (Paragon): Hexavalent Chromium	SW 846: 7471A (Paragon): Mercury	Sample Preservation (Check if YES)	
Core #	Segment #	Sample #																			
0030	JX	XA	1	✓	✓																
0030	JX	XH	1											✓	✓	✓		✓			✓
0030	JX	XG	1														✓				✓

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/03/07	Time Collected (24 hour): 12 48
Core ID #: 0031	Core Segment ID #: AX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: Full-Suite Radiological:

Regulatory Confirmation Sample: Gamma Only: Full-Suite:

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs: Aroclor 1254 (Paragon)	SW 846, 6010C (Paragon): Arsenic, Beryllium	SW 846, 8270C (Paragon): Semi-Volatile Organics	SW 846, 8260B (Paragon): VOCs by Terra Core	SW 846, 7196A (Paragon): Hexavalent Chromium	SW 846, 7471A (Paragon): Mercury	Sample Preservation (Check if YES)	
Core #	Segment #	Sample #																			
0031	AX	XA	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>													
0031	AX	XF	1						<input checked="" type="checkbox"/>												<input checked="" type="checkbox"/>
0031	AX	XQ	1						<input checked="" type="checkbox"/>												<input checked="" type="checkbox"/>

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Field Sampler: Art Samiljan / *[Signature]*
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Date: 10/03/07



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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/03/07	Time Collected (24 hour): 1254
Core ID #: 0031	Core Segment ID #: BX	

Site: NFS North Site 1205 Banner Hill Road - Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: Full-Suite Radiological:

Regulatory Confirmation Sample: Gamma Only: Full-Suite:

Unique Sample ID Number			NUMBER of CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs: Aroclor 1260 (Paragon)	SW-846: 6010D (Paragon): Arsenic, Beryllium	SW-846: 8270C (Paragon): Semi-Volatile Organics	SW-846: 8260B (Paragon): VOCs by Terra Core	SW-846: 7160A (Paragon): Hexavalent Chromium	SW-846: 7471A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0031	BX	XA	1	✓	✓															

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Date: 10/03/07

FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/03/07	Time Collected (24 hour): 1258
Core ID #: 0031	Core Segment ID #: CX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/> Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs: Aroclor 1254 (Paragon)	SW 846, 80100 (Paragon): Arsenic, Beryllium	SW 846, 8270C (Paragon): Semi-Volatile Organics	SW 846, 8260B (Paragon): VOCs by Terra Core	SW 846, 7198A (Paragon): Hexavalent Chromium	SW 846, 7471A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0031	CX	XA	1	✓	✓															

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/03/07	Time Collected (24 hour): 1302
Core ID #: 0031	Core Segment ID #: DX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>	
Regulatory Confirmation Sample: <input checked="" type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/>	Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs: Aroclor 1254 (Paragon)	SW 846, 816 DC (Paragon): Arsenic, Beryllium	SW 846, 827 DC (Paragon): Semi-Volatile Organics	SW 846, 8210B (Paragon): VOCs by Tent-Cup	SW 846, 7195A (Paragon): Hexavalent Chromium	SW 846, 7471A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0031	DX	XA	1	✓	✓															

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 Fax 970.256.7356

FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/03/07	Time Collected (24 hour): 1304
Core ID #: 0031	Core Segment ID #: EX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>	
Regulatory Confirmation Sample: <input checked="" type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/>	Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs: Aroclor 1254 (Paragon)	SW 846: 8010C (Paragon) Arsenic, Beryllium	SW 846: 8270C (Paragon) Semi-Volatile Organics	SW 846: 8260B (Paragon) VOCs by Terra Core	SW 846: 7196A (Paragon) Hexavalent Chromium	SW 846: 7471A (Paragon) Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0031	EX	XA	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>															

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FIELD SAMPLE DATA SHEET

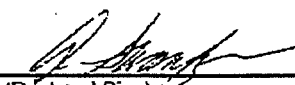
Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/03/07	Time Collected (24 hour): 1310
Core ID #: 0031	Core Segment ID #: FX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (GRISE)	Alpha Spectroscopy (GRISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (GRISE)	Tc-99 by Liquid Scint (GRISE)	PCBs, Arochlor 1254 (Paragon)	SW 846, 80100 (Paragon): Arsenic, Beryllium	SW 846, 82700 (Paragon): Semi-Volatiles Organics	SW 846, 82600 (Paragon): VOCs by Tetra-Core	SW 846, 7190A (Paragon): Hexavalent Chromium	SW 846, 7471A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0031	FX	XA	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>															

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/03/07	Time Collected (24 hour): 1314
Core ID #: 0031	Core Segment ID #: GX	

Site: NFS North Site 1205 Banner Hill Road - Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: Full-Suite Radiological:

Regulatory Confirmation Sample: Gamma Only: Full-Suite:

Unique Sample ID Number			NUMBER of CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (GRISE)	Alpha Spectroscopy (GRISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (GRISE)	Tc-99 by Liquid Scint (GRISE)	ECRs, Actinics: 235 (Paragon)	SW: 846, 82700 (Paragon): Arsenic, Beryllium	SW: 846, 82700 (Paragon): Semi-Volatile Organics	SW: 846, 82700 (Paragon): VOCs by Terra Core	SW: 846, 7185A (Paragon): Hexavalent Chromium	SW: 846, 7477A (Paragon): Mercury	Sample Preservation (Check if YES)	
Core #	Segment #	Sample #																			
0031	GX	XA	1	✓	✓																

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/03/07	Time Collected (24 hour): 1316
Core ID #: 0031	Core Segment ID #: HX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: Full-Suite Radiological:

Regulatory Confirmation Sample: Gamma Only: Full-Suite:

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon); Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE); Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs, Aroclor 1254 (Paragon)	SW 846; 6010C; (Paragon); Arsenic; Beryllium	SW 848; 8270C; (Paragon); Semi-Volatile Organics	SW 846; 8280B; (Paragon); VOCs by Tera Corp.	SW 846; 7195A; (Paragon); Hexavalent Chromium	SW 846; 7471A; (Paragon); Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0031	HX	XA	1	✓	✓															

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/03/07	Time Collected (24 hour): 1318
Core ID #: 0031	Core Segment ID #: IX	

Site: NFS North Site 1205 Banner Hill Road - Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
--	---

Regulatory Confirmation Sample: <input checked="" type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/>	Full-Suite: <input checked="" type="checkbox"/>
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Unique Sample ID Number			NUMBER of CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs Aroclor 1254 (Paragon)	SW 846, 8010C (Paragon): Arsenic, Beryllium	SW 846, 8270C (Paragon): Semi-Volatiles Organics	SW 846, 8280B (Paragon): VOCs by TerraCore	SW 846, 7190A (Paragon): Hexavalent Chromium	SW 846, 7371A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0031	IX	XA	1	✓	✓															

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/03/07	Time Collected (24 hour): 1322
Core ID #: 0031	Core Segment ID #: JX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: Full-Suite Radiological:

Regulatory Confirmation Sample: Gamma Only: Full-Suite:

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Semi-Quant Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs: Aroclor 1261 (Paragon)	SW 846: 6010C (Paragon): Arsenic, Barium	SW 846: 8270C (Paragon): Semi-Volatile Organics	SW 846: 8260B (Paragon): VOCs by TerraCore	SW 846: 7195A (Paragon): Hexavalent Chromium	SW 846: 7271A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0031	JX	XA	1	✓	✓															

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/03/07	Time Collected (24 hour): 0928
Core ID #: 0032	Core Segment ID #: AX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services Project Name: Subsurface Characterization and FSS Project Mgr: Jeffrey Lively Project No: 9120071235
--	---

SWMU Sample: <input type="checkbox"/>	Full-Suite Radiological: <input checked="" type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full-Suite: <input type="checkbox"/>

Unique Sample ID Number			NUMBER of CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBS: Aroclor 1254 (Paragon)	SW 846: 6010C (Paragon): Arsenic, Beryllium	SW 846: 8270C (Paragon): Semi-Volatiles Organics	SW 846: 8260B (Paragon): VOCs by Terra Core	SW 846: 7196A (Paragon): Hexavalent Chromium	SW 846: 7471A (Paragon): Mercury	Sample Preservation (Check if YES)	
Core #	Segment #	Sample #																			
0032	AX	XA	1	✓	✓	✓	✓														
0032	AX	XF	1																		✓
0032	AX	XQ	1																		✓

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/03/07	Time Collected (24 hour): 0632
Core ID #: 0032	Core Segment ID #: BX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: Full-Suite Radiological:

Regulatory Confirmation Sample: Gamma Only: Full-Suite:

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs, Aroclor 1254 (Paragon)	SW846: 6010C (Paragon): Arsenic, Beryllium	SW846: 8270C (Paragon): Semi-Volatile Organics	SW846: 8260B (Paragon): VOCs by Tenax Carb	SW846: 7160A (Paragon): Hexavalent Chromium	SW846: 7471A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0032	BX	XA	1	✓	✓															

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/03/07	Time Collected (24 hour): 0936
Core ID #: 0032	Core Segment ID #: CX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
--	---

Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/>	Full-Suite: <input checked="" type="checkbox"/>
--	---	---

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs: Aroclor 1254 (Paragon)	SW 846: 60110 (Paragon): Acetic, Beryllium	SW 846: 8270C (Paragon): Semi-Volatile Organics	SW 846: 8260B (Paragon): VOCs by Terra Core	SW 846: 7198A (Paragon): Hexavalent Chromium	SW 846: 7471A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0032	CX	XA	1	✓	✓															

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Date: 10/03/07

FIELD SAMPLE DATA SHEET

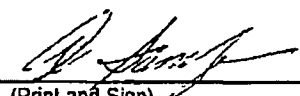
Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/03/07	Time Collected (24 hour): 0948
Core ID #: 0032	Core Segment ID #: DX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input checked="" type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/> Full-Suite: <input type="checkbox"/>

Unique Sample ID Number			NUMBER of CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	To-99 by Liquid Scint (ORISE)	PCBs: Aroclor 1254 (Paragon)	SW 846: 6010C (Paragon): Arsenic/Beryllium	SW 846: 8270C (Paragon): Semi-Volatile Organics	SW 846: 8280B (Paragon): VOCs by Terra-Core	SW 846: 7188A (Paragon): Hexavalent Chromium	SW 846: 7471A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0032	DX	XA	1	✓	✓															

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/03/07	Time Collected (24 hour): 0952
Core ID #: 0032	Core Segment ID #: EX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input checked="" type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/> Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint. (Paragon)	Tc-99 by Liquid Scint. (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint. (ORISE)	Tc-99 by Liquid Scint. (ORISE)	Pb-210, Arsenic-75 (Paragon)	SW-846, 8010C (Paragon): Arsenic, Beryllium	SW-846, 8270C (Paragon): Semi-Volatile Organics	SW-846, 8260B (Paragon): VOCs by Terni Care	SW-846, 7136A (Paragon): Hexavalent Chromium	SW-846, 7171A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0032	EX	XA	1	✓	✓															

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/03/07	Time Collected (24 hour): 0956
Core ID #: 0032	Core Segment ID #: FX	

Site: NFS North Site 1205 Banner Hill Road - Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: Full-Suite Radiological:

Regulatory Confirmation Sample: Gamma Only: Full-Suite:

Unique Sample ID Number			NUMBER of CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs: Aroclor 1254 (Paragon)	SW 846: 6010C (Paragon): Arsenic, Beryllium	SW 846: 8210C (Paragon): Semi-Volatile Organics	SW 846: 8260B (Paragon): VOCs by Tarral Core	SW 846: 7416A (Paragon): Hexavalent Chromium	SW 846: 7471A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0032	FX	XA	1	✓	✓															

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Field Sampler: Art Samiljan / *[Signature]*
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Date: 10/03/07

FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/03/07	Time Collected (24 hour): 1002
Core ID #: 0032	Core Segment ID #: GX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory/Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full-Suite: <input type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	Pb-210, At-210, Bi-210 (Paragon)	SW 845: 8010C (Paragon): Arsenic, Beryllium	SW 845: 8270C (Paragon): Semi-Volatile Organics	SW 845: 8560B (Paragon): VOCs by Terra Core	SW 845: 7196A (Paragon): Hexavalent Chromium	SW 845: 7471A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0032	GX	XA	1	✓	✓															

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Field Sampler: Art Samiljan / [Signature] Date: 10/03/07
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MACTEC Development Corp.
 751 Horizon Ct. Suite 104
 Grand Junction, CO 81506
 Phone: 970.243.2861
 Fax: 970.256.7356

FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/03/07	Time Collected (24 hour): 1006
Core ID #: 0032	Core Segment ID #: HX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: Full-Suite Radiological:

Regulatory Confirmation Sample: Gamma Only: Full Suite:

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs: Aroclor 1254 (Paragon)	SW 846: 6010C (Paragon): Arsenic, Beryllium	SW 846: 8270C (Paragon): Semi-Volatile Organics	SW 846: 8260B (Paragon): VOCs by Terra Core	SW 846: 7196A (Paragon): Hexavalent Chromium	SW 846: 7471A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0032	HX	XA	1	✓	✓															

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/03/07	Time Collected (24 hour): 10/0
Core ID #: 0032	Core Segment ID #: IX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
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Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/>	Full-Suite: <input type="checkbox"/>
--	--------------------------------------	--------------------------------------

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (GRISE)	Alpha Spectroscopy (GRISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (GRISE)	Tc-99 by Liquid Scint (GRISE)	PCBs, Aroclor-1254 (Paragon)	SW-846: 6010C (Paragon): Arsenic, Beryllium	SW-846: 8270C (Paragon): Semi-Volatile Organics	SW-846: 8260B (Paragon): VOCs by Term Core	SW-846: 7196A (Paragon): Hexavalent Chromium	SW-846: 7471A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0032	IX	XA	1	✓	✓															

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/03/07	Time Collected (24 hour): 1014
Core ID #: 0032	Core Segment ID #: JX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input checked="" type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/> Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs, Aroclor-1254 (Paragon)	SW 846: 6010C (Paragon)/Arsenic/Beryllium	SW 846: 8270C (Paragon); Semi-Volatile Organics	SW 846: 8280B (Paragon); VOCs by Terra Care	SW 846: 7195A (Paragon); Hexavalent Chromium	SW 846: 7471A (Paragon); Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0032	JX	XA	1	✓	✓															

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/03/07	Time Collected (24 hour): 1036
Core ID #: 0033	Core Segment ID #: AX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input checked="" type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/>
	Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBE, Arsenic, 125I (Paragon)	SW-846: 8010C (Paragon): Arsenic, Beryllium	SW-846: 8270C (Paragon): Semi-Volatile Organics	SW-846: 8260B (Paragon): VOCs by Terra Core	SW-846: 7195A (Paragon): Hexavalent Chromium	SW-846: 7471A (Paragon): Mercury	Sample Preservation (Check if YES)	
Core #	Segment #	Sample #																			
0033	AX	XA	1	✓	✓																

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Field Sampler: Art Samilian / Date: 10/03/07
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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/03/07	Time Collected (24 hour): 1038
Core ID #: 0033	Core Segment ID #: BX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input type="checkbox"/>	Full-Suite Radiological: <input checked="" type="checkbox"/>	
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/>	Full-Suite: <input type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs: Aroclor 1254 (Paragon)	SW-846: 601 DC (Paragon): Arsenic, Beryllium	SW-846: 807 DC (Paragon): Semi-Volatile Organics	SW-846: 8260B (Paragon): VOCs by Terra Core	SW-846: 7198A (Paragon): Hexavalent Chromium	SW-846: 7471A (Paragon): Mercury	Sample Preservation (Check if YES)	
Core #	Segment #	Sample #																			
0033	BX	XA	1	✓	✓	✓	✓	✓													
0033	BX	XF	1							✓											✓
0033	BX	XQ	1							✓											✓

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/03/07	Time Collected (24 hour): 1040
Core ID #: 0033	Core Segment ID #: CX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full-Suite: <input type="checkbox"/>

Unique Sample ID Number:			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBS: Arsenic, 125k (Paragon)	SW 846: 60106 (Paragon): Arsenic, Beryllium	SW 846: 82706 (Paragon): Semi-Volatile Organics	SW 846: 82806 (Paragon): Volatiles by Tetra Carb	SW 846: 7186A (Paragon): Hexavalent Chromium	SW 846: 7471A (Paragon): Mercury	Sample Preservation (Check if YES)	
Core #	Segment #	Sample #																			
0033	CX	XA	1	✓	✓																

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/03/07	Time Collected (24 hour): 1042
Core ID #: 0033	Core Segment ID #: DX	

Site: NFS North Site 1205 Banner Hill Road . Erwin, TN 37650	Client: Nuclear Fuel Services Project Name: Subsurface Characterization and FSS Project Mgr: Jeffrey Lively Project No: 9120071235
---	---

SWMU Sample: <input type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full-Suite: <input type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBS: Aroclor 1254 (Paragon)	SW 846: 6010G (Paragon): Arsenic, Beryllium	SW 846: 8270C (Paragon): Semi-Volatile Organics	SW 846: 8260B (Paragon): VOCs by Terra-Core	SW 846: 7195A (Paragon): Hexavalent Chromium	SW 846: 7471A (Paragon): Mercury	Sample Preservation (Check if YES)	
Core #	Segment #	Sample #																			
0033	DX	XA	1	✓	✓																

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/03/07	Time Collected (24 hour): 1050
Core ID #: 0033	Core Segment ID #: EX	

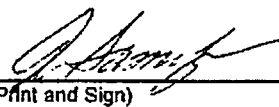
Site: NFS North Site 1205 Banner Hill Road - Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
--	---

Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/>	Full-Suite: <input checked="" type="checkbox"/>
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Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (GRISE)	Alpha Spectroscopy (GRISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (GRISE)	Tc-99 by Liquid Scint (GRISE)	PCBS: Aroclor 1254 (Paragon)	SW 846: 6010C (Paragon): Asbestos: Ectylum	SW 846: 8270C (Paragon): Semi-Volatile Organics	SW 846: 8260B (Paragon): VOCs by Terra Core	SW 846: 7496A (Paragon): Hexavalent Chromium	SW 846: 7471A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0033	EX	XA	1	✓	✓															

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/03/07	Time Collected (24 hour): 1054
Core ID #: 0033	Core Segment ID #: FX	


Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
--	---

Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/>	Full-Suite: <input type="checkbox"/>
--	--------------------------------------	--------------------------------------

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs: Aroclor 1254 (Paragon)	SW-846: 6010C (Paragon): Arsenic, Beryllium	SW-846: 8270C (Paragon): Semi-Volatile Organics	SW-846: 8260B (Paragon): VOCs by Terra Core	SW-846: 7196A (Paragon): Hexavalent Chromium	SW-846: 7371A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0033	FX	XA	1	✓	✓															

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FIELD SAMPLE DATA SHEET

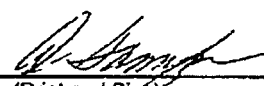
Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/03/07	Time Collected (24 hour): 1058
Core ID #: 0033	Core Segment ID #: GX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>	
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/>	Full-Suite: <input type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs: Aroclor 1248 (Paragon)	SW 816, 8010C (Paragon): Arsenic, Beryllium	SW 846, 8270C (Paragon): Semi-Volatile Organics	SW 816, 8260B (Paragon): VOCs by TerraCore	SW 846, 7198A (Paragon): Hexavalent Chromium	SW 846, 7471A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0033	GX	XA	1	✓	✓															

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Field Sampler: Art Samiljan /  Date: 10/03/07
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FIELD SAMPLE DATA SHEET

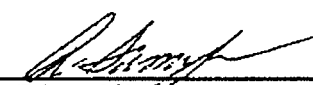
Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/03/07	Time Collected (24 hour): 1104
Core ID #: 0033	Core Segment ID #: HX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full-Suite: <input type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs, Aroclors, ZPA (Paragon)	SW 846, 60106 (Paragon): Aroclors, Beryllium	SW 846, 8270C (Paragon): Semi-Volatile Organics	SW 846, 8260B (Paragon): VOCs by Trinit Core	SW 846, 7199A (Paragon): Hexavalent Chromium	SW 846, 7471A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0033	HX	XA	1	✓	✓															

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Field Sampler: Art Samiljan 
 (Print and Sign)

Date: 10/03/07

FIELD SAMPLE DATA SHEET

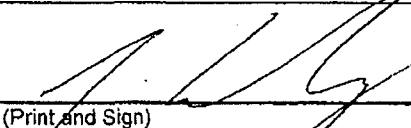
Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/24/08	Time Collected (24 hour): 1020
Core ID #: 1019 B-2	Core Segment ID #: AX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input checked="" type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/>
	Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs: Aroclor: 1254 (Paragon)	SW 846: 6010C (Paragon)/Arsenic: Beryllium	SW 846: 8270G (Paragon): Semi-Volatile Organics	SW 846: 8260B (Paragon): VOCs by TetraCore	SW 846: 7196A (Paragon): Hexavalent Chromium	SW 846: 7271A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
1019	AX	XA	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>															

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Field Sampler: Javid Kelley /  Date: 10/23/08
 (Print and Sign)

FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/24/08	Time Collected (24 hour): 1024
Core ID #: 1019	Core Segment ID #: BX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input checked="" type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/> Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	ECBs: Arochl-1254 (Paragon)	SW 846, 6010C (Paragon) Arsenic, Beryllium	SW 846, 8270G (Paragon) Semi-Volatile Organics	SW 846, 8260B (Paragon) VOCs by Terra Core	SW 846, 7186A (Paragon) Hexavalent Chromium	SW 846, 7477A (Paragon) Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
1019	BX	XA	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>															
1019	BX	XA ^{SK}																		

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Field Sampler: Javid Kelley /
 (Print and Sign)

Date: 10/23/08

FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/24/08	Time Collected (24 hour): 10:26
Core ID #: 1019	Core Segment ID #: CX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
--	---

Regulatory/Confirmation Sample: <input checked="" type="checkbox"/>	Gamma Only: <input type="checkbox"/>	Full-Suite: <input checked="" type="checkbox"/>
---	--------------------------------------	---

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs: Aroclor-1254 (Paragon)	SW-846: 6010C (Paragon): Arsenic, Beryllium	SW-846: 8270C (Paragon): Semi-Volatile Organics	SW-846: 8260B (Paragon): VOCs by Terra Cone	SW-846: 7396A (Paragon): Hexavalent Chromium	SW-846: 7471A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
1019	CX	XA	1	✓	✓															

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Field Sampler: Javid Kelley / Date: 10/23/08
 (Print and Sign)

FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/24/08	Time Collected (24 hour): 1034
Core ID #: 1019	Core Segment ID #: DX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input type="checkbox"/>	Full-Suite Radiological: <input checked="" type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full-Suite: <input type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs: Aroclor 1254 (Paragon)	SW-846: 6010C (Paragon): Arsenic, Barium	SW-846: 8270G (Paragon): Semi-Volatile Organics	SW-846: 8260B (Paragon): VOCs by Terra Cole	SW-846: 7196A (Paragon): Hexavalent Chromium	SW-846: 7471A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
1019	DX	XA	1	✓	✓	✓	✓	✓												
1019	DX	XF	1																	✓

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Field Sampler: Javid Kelley / (Print and Sign) Date: 10/23/08

FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/24/08	Time Collected (24 hour): 1637
Core ID #: 1019	Core Segment ID #: EX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample <input checked="" type="checkbox"/>	Gamma Only <input checked="" type="checkbox"/> Full-Suite <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	POBS, Aroclor-1254 (Paragon)	SW 846: 6010C (Paragon): Arsenic, Beryllium	SW 846: 8270G (Paragon): Semi-Volatile Organics	SW 846: 8260B (Paragon): VOCs by Tetra Core	SW 846: 7195A (Paragon): Hexavalent Chromium	SW 846: 7471A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
1019	EX	XA	1	✓	✓															

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Field Sampler: Javid Kelley / Date: 10/23/08
 (Print and Sign)

FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/24/08	Time Collected (24 hour): 1040
Core ID #: 1019	Core Segment ID #: FX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample <input type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample <input type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full-Suite: <input type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs: Aroclor 1254 (Paragon)	SW 846: 6010C (Paragon): Arsenic, Beryllium	SW 846: 9270C (Paragon): Semi-Volatile Organics	SW 846: 8260B (Paragon): VOCs by Tetra Core	SW 846: 7190A (Paragon): Hexavalent Chromium	SW 846: 7471A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
1019	FX	XA	1	✓	✓															

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Field Sampler: Javid Kelley / (Print and Sign)  Date: 10/23/08

FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/24/08	Time Collected (24 hour): 0909
Core ID #: 1020 ^{20-A} _{B-3}	Core Segment ID #: AX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/> 290094	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full-Suite: <input type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	RGSs (Woodruff 1254) (Paragon)	SW-846: 6010C (Paragon)/Arsenic, Beryllium	SW-846: 8270C (Paragon): Semi-Volatile Organics	SW-846: 8260B (Paragon): VOCs by Terra Core	SW-846: 7990A (Paragon): Hexavalent Chromium	SW-846: 7410A (Paragon): Mercury	Benzene (6) Percent	Sample Preservation (Check if YES)	
Core #	Segment #	Sample #																				
1020	AX	XA	1	✓	✓																	
1020	AX	YH	1											✓							✓	✓

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Field Sampler: Javid Kelley / (Print and Sign) Date: 10/23/08

FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/24/08	Time Collected (24 hour): 0917
Core ID #: 1020	Core Segment ID #: BX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample <input checked="" type="checkbox"/> Specimen	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample <input type="checkbox"/>	Gamma Only <input type="checkbox"/> Full-Suite <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	Pb-210 (AttoLo: 1254 Paragon) 10/23/08	SW-846: 6010C (Paragon) Arsenic, Beryllium	SW-846: 8270C (Paragon) Semi-Volatile Organics	SW-846: 8260B (Paragon) Volatiles by TerraCore	SW-846: 7196A (Paragon) Hexavalent Chromium	SW-846: 7471A (Paragon) Mercury	Benzene Pyrene	Sample Preservation (Check if YES)	
Core #	Segment #	Sample #																				
1020	BX	XA	1	✓	✓																	
1020	BX	XA	1																		✓	✓

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Field Sampler: Javid Kelley / (Print and Sign) Date: 10/23/08

FIELD SAMPLE DATA SHEET

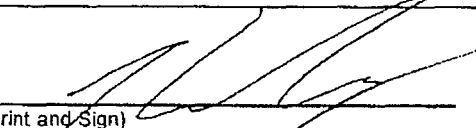
Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/24/08	Time Collected (24 hour): 0922
Core ID #: 1020	Core Segment ID #: CX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/> <i>Spec'd</i>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input checked="" type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCPs: Aroclor 1254 (Paragon) <i>12/1/08</i>	SW 846: 6010G (Paragon) Arsenic, Beryllium	SW 846: 8270G (Paragon) Semi-Volatile Organics	SW 846: 8260B (Paragon) VOCs by Terra Core	SW 846: 7195A (Paragon) Hexavalent Chromium	SW 846: 7470A (Paragon) Mercury	<i>Non-toxic Pyrene</i>	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																			
1020	CX	XA	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																
1020	CX	XH	1											<input checked="" type="checkbox"/>						<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

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 (Print and Sign)

FIELD SAMPLE DATA SHEET

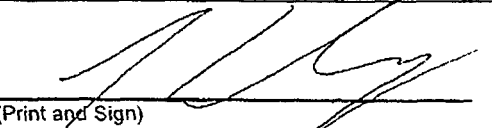
Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/24/08	Time Collected (24 hour): 0924
Core ID #: 1020	Core Segment ID #: DX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/> <i>Special</i>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma-Only: <input type="checkbox"/> Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCES (Urbio-1234 Paragon) <i>16142</i>	SW-846: 6010C (Paragon): Arsenic, Beryllium	SW-846: 8270C (Paragon): Semi-Volatile Organics	SW-846: 8260B (Paragon): VOCs by Terra-Care	SW-846: 7196A (Paragon): Hexavalent Chromium	SW-846: 747 (Paragon): Mercury	<i>PCV206-1 Py466</i>	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																			
1020	DX	XA	1	✓	✓																
1020	DX	X4	1											✓							✓

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Field Sampler: Javid Kelley / (Print and Sign)  Date: 10/23/08

FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/24/08	Time Collected (24 hour): 0928
Core ID #: 1020	Core Segment ID #: EX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/> Special	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/> Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs (Aroclor: 1254 Paragon) 10/24/08	SW 846, 6010C (Paragon): Arsenic, Beryllium	SW 846, 8270C (Paragon): Semi-Volatile Organics	SW 846, 8260B (Paragon): VOCs by Terra Core	SW 846, 7196A (Paragon): Hexavalent Chromium	SW 846, 7471A (Paragon): Mercury	(Gv200s) PyEAF	Sample Preservation (Check if YES)	
Core #	Segment #	Sample #																				
1020	EX	XA	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																	
1020	EX	XH	1																		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

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Field Sampler: Javid Kelley
 (Print and Sign)

Date: 10/23/08

FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/24/08	Time Collected (24 hour): 0931
Core ID #: 1020	Core Segment ID #: FX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/> <i>402500</i>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input checked="" type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS														Sample Preservation (Check if YES)			
Core #	Segment #	Sample #	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	ICP-AES (Paragon): <i>16/17/18/19</i>	SW-846: 60100 (Paragon): Arsenic, Beryllium	SW-846: 82700 (Paragon): Semi-Volatile Organics	SW-846: 82600 (Paragon): VOCs by Terra-Core		SW-846: 7190A (Paragon): Hexavalent Chromium	SW-846: 7170A (Paragon): Mercury	
1020	FX	XA	1	✓	✓															
1020	FX	YH	1																✓	

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/24/08	Time Collected (24 hour): 0937
Core ID #: 1021	Core Segment ID #: AX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/> <i>gpc 51</i>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full-Suite: <input type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCRB (Aroclor 1254) (Paragon) <i>10/24/08</i>	SW-846: 9010C (Paragon): Arsenic, Beryllium	SW-846: 9270C (Paragon): Semi-Volatile Organics	SW-846: 8260B (Paragon): VOCs by Tetra Core	SW-846: 7195A (Paragon): Hexavalent Chromium	SW-846: 7471A (Paragon): Mercury	Blank/None	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																			
1021	AX	XA	1	✓	✓																
1021	AX	XH	1																		✓

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Field Sampler: Javid Kelley / (Print and Sign) Date: 10/23/08

FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/24/08	Time Collected (24 hour): 0943
Core ID #: 1021	Core Segment ID #: 13X	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SMMU Sample: <input checked="" type="checkbox"/> Special	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full-Suite: <input type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCB: 10000-12500 (Paragon) ppt/ug	SW: 846-6010C (Paragon): Arsenic, Beryllium	SW: 846-8270C (Paragon): Semi-Volatile Organics	SW: 846-8260B (Paragon): VOCs by TerraCere	SW: 846-7196A (Paragon): Hexavalent Chromium	SW: 846-7471A (Paragon): Mercury	66261 M454C	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																			
1021	13X	XA	1	✓	✓																
1021	13X	XA	1																		✓

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Field Sampler: Javid Kelley / (Print and Sign) Date: 10/23/08

FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/24/08	Time Collected (24 hour): 0946
Core ID #: 1021	Core Segment ID #: CX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/> Special	Full-Suite Radiological: <input checked="" type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full-Suite: <input type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	Pb-210 (ORISE) (Paragon)	SW-846-6010C (Paragon): Arsenic, Beryllium	SW-846-8270C (Paragon): Semi-Volatile Organics	SW-846-8260B (Paragon): VOCs by Terra Core	SW-846-7196A (Paragon): Hexavalent Chromium	SW-846-7471A (Paragon): Mercury	Beryllium (a) 94601	Sample Preservation (Check if YES)	
Core #	Segment #	Sample #																				
1021	CX	XA	1	✓	✓	✓	✓	✓	✓													
1021	CX	XF	1																			✓
1021	CX	XH	1																			✓

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Field Sampler: Javid Kelley / (Print and Sign) Date: 10/23/08

FIELD SAMPLE DATA SHEET

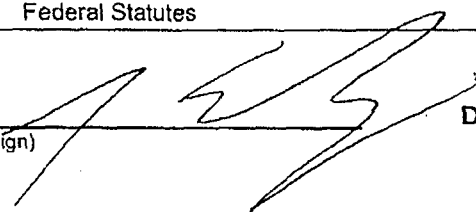
Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/24/08	Time Collected (24 hour): 0948
Core ID #: 1021	Core Segment ID #: DX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/> Special	Full-Suite Radiological: <input type="checkbox"/>
Regulatory/Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full-Suite: <input type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs (Aroclor 1254) (Paragon) 10/1/06 - 162	SW: 846-60100 (Paragon): Arsenic, Beryllium	SW: 846-82700 (Paragon): Semi-Volatile Organics	SW: 846-82600 (Paragon): VOCs by Terra-Cote	SW: 846-71900 (Paragon): Hexavalent Chromium	SW: 846-74700 (Paragon): Mercury	60206- Pykove	Sample Preservation (Check if YES)	
Core #	Segment #	Sample #																				
1021	DX	XA	1	✓	✓																	
1021	DX	XH	1																		✓	✓

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Field Sampler: Javid Kelley / (Print and Sign)  Date: 10/23/08

FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/24/08	Time Collected (24 hour): 1001
Core ID #: 1021	Core Segment ID #: EX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/> Special	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full-Suite: <input type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	Plutonium (Aroclor, 1254 Paragon): ²⁴¹ Pu, ²⁴² Pu	SW-846: 60106 (Paragon): Arsenic, Beryllium	SW-846: 82706 (Paragon): Semi-Volatile Organics	SW-846: 82605 (Paragon): VOCs by Terra Core	SW-846: 7196A (Paragon): Hexavalent Chromium	SW-846: 7171A (Paragon): Mercury	Special (Print Name)	Sample Preservation (Check if YES)	
Core #	Segment #	Sample #																				
1021	EX	XA	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																	
1021	EX	XH	1																		Special	<input checked="" type="checkbox"/>

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Field Sampler: Javid Kelley / (Print and Sign) Date: 10/23/08

FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/24/08	Time Collected (24 hour): 1107
Core ID #: 1021	Core Segment ID #: FX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/> <i>Spec'd</i>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full-Suite: <input type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon); Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE); Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs (Aroclor 1254) (Paragon) <i>1254</i>	SW 846, 6010C (Paragon); Arsenic, Beryllium	SW 846, 8270C (Paragon); Semi-Volatile Organics	SW 846, 8260B (Paragon); VOCs by Terra Core	SW 846, 7195A (Paragon); Hexavalent Chromium	SW 846, 7471A (Paragon); Mercury	<i>Benzt/Py/LevE</i>	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																			
1021	FX	XA	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																
1021	FX	XH	1											<input checked="" type="checkbox"/>						<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

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Field Sampler: Javid Kelley / (Print and Sign) Date: 10/23/08

FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/23/08	Time Collected (24 hour): 17:11
Core ID #: 2020 ^{20-D} _(B-1)	Core Segment ID #: AX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services Project Name: Subsurface Characterization and FSS Project Mgr: Jeffrey Lively Project No: 9120071235
---	---

SWMU Sample: <input checked="" type="checkbox"/> Special	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/> Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	SW 846: 6010C (Paragon): Arsenic, Beryllium	SW 846: 6270C (Paragon): Semi-Volatile Organics	SW 846: 6260B (Paragon): VOCs by Terra Core	SW 846: 7195A (Paragon): Hexavalent Chromium	SW 846: 7470A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																	
2020	AX	XA	1	✓	✓														
2020	AX	XH	1																✓

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Field Sampler: Javid Kelley / (Print and Sign) Date: 10/23/08

FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/23/08	Time Collected (24 hour): 17:14
Core ID #: 2020 ²⁰⁻⁰ _{B-1}	Core Segment ID #: BX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/> <i>Specimen</i>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full-Suite: <input type="checkbox"/>

Unique Sample ID Number			NUMBER of CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs (Aroclor 1254 Paragon) <i>12/2/08 Qcr</i>	SW 846: 6010C (Paragon): Arsenic, Beryllium	SW 846: 8270C (Paragon): Semi-Volatile Organics	SW 846: 8260B (Paragon): VOCs by Tetra Core	SW 846: 7190A (Paragon): Hexavalent Chromium	SW 846: 7471A (Paragon): Mercury	<i>(50206) Pylene</i>	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																			
2020	BX	XA	1	✓	✓																
2020	BX	XA	1											✓							✓

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(Print and Sign)

FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/23/08	Time Collected (24 hour): 17:17
Core ID #: 2020	Core Segment ID #: CX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/> Special	Full-Suite Radiological: <input checked="" type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full-Suite: <input type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs (Aroclor: 1254 Paragon) (Pb, Cd, Cr)	SW-846: 6010C (Paragon): Arsenic, Beryllium	SW-846: 8270C (Paragon): Semi-Volatile Organics	SW-846: 8260B (Paragon): VOCs by TerraCore	SW-846: 7496A (Paragon): Hexavalent Chromium	SW-846: 7471A (Paragon): Mercury	Berkeley Pyrene	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																			
2020	CX	XA	1	✓	✓	✓	✓	✓													
2020	CX	XF	1						✓												✓
2020	CX	XH	1											✓							✓

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Field Sampler: Javid Kelley / (Print and Sign) Date: 10/23/08

FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/23/08	Time Collected (24 hour): 17:19
Core ID #: 2020	Core Segment ID #: DX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/> <i>Spec'd</i>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full-Suite: <input type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Ru, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCPs (Aroclor 1254) (Paragon): 12/2/08 (6P)	SW 846: 6010C (Paragon): Arsenic, Beryllium	SW 846: 8270C (Paragon): Semi-Volatile Organics	SW 846: 8260B (Paragon): VOCs by Terra Core	SW 846: 7196A (Paragon): Hexavalent Chromium	SW 846: 7471A (Paragon): Mercury	β ₂₀₁₀ (4) Pyrene	Sample Preservation (Check if YES)	
Core #	Segment #	Sample #																				
2020	DX	XA	1	✓	✓																	
2020	DX	XH	1											✓							✓	✓

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 (Print and Sign)

FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/23/08	Time Collected (24 hour): 17:21
Core ID #: 2020	Core Segment ID #: EX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample <input checked="" type="checkbox"/> <i>Spec</i>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/> Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCDS: Nucleor-1284 (Paragon)	SW-846: 9010C (Paragon): Arsenic, Beryllium	SW-846: 8270C (Paragon): Semi-Volatile Organics	SW-846: 8260B (Paragon): VOCs by Terra Core	SW-846: 7196A (Paragon): Hexavalent Chromium	SW-846: 7471A (Paragon): Mercury	<i>607266</i> P-1150E	Sample Preservation (Check if YES)	
Core #	Segment #	Sample #																				
2020	EX	XA	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																	
2020	EX	XA	1											<input checked="" type="checkbox"/>							<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

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Field Sampler: Javid Kelley / (Print and Sign) Date: 10/23/08

FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/23/08	Time Collected (24 hour): 16:36
Core ID #: 2021 (20-C) <i>grid C 1</i>	Core Segment ID #: AX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/> <i>Special</i>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCES: (Aroclor: 254 (Paragon)) <i>192/08 251</i>	SW-846: 60.10C (Paragon): Arsenic, Beryllium	SW-846: 8270C (Paragon) Semi-Volatile Organics	SW-846: 8260B (Paragon) VOCs by Terra Core	SW-846: 7496A (Paragon) Hexavalent Chromium	SW-846: 7471A (Paragon) Mercury	Benzo(a) Pyrene	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																			
2021	AX	XA	1	✓	✓																
2021	AX	XH	1											✓							✓

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Field Sampler: Javid Kelley / *[Signature]* Date: 10/23/08

(Print and Sign)

FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/23/08	Time Collected (24 hour): 1638
Core ID #: 2021 ^{20-C} _{grid C-1}	Core Segment ID #: BX	

Site: NFS North Site. 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/> <i>Special</i>	Full-Suite Radiological: <input checked="" type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full-Suite: <input type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBS: Acclor-1254 (Paragon) ^{10/23/08}	SW-846: 6010C (Paragon): Arsenic, Beryllium	SW-846: 8270C (Paragon): Semi-Volatile Organics	SW-846: 8260B (Paragon): VOCs by Terra-Cole	SW-846: 7166A (Paragon): Hexavalent Chromium	SW-846: 7471A (Paragon): Mercury	β Emitters ^{10/23/08}	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																			
2021	BX	XA	1	✓	✓	✓	✓														
2021	BX	XF	1						✓												✓
2021	BX	XH	1											✓							✓

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 (Print and Sign)

FIELD SAMPLE DATA SHEET

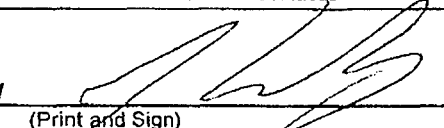
Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/23/08	Time Collected (24 hour): 1641
Core ID #: 2021	Core Segment ID #: CX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full-Suite: <input type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	Acids: Acetic, Hydrochloric, Nitric, Perchloric, Sulfuric, Phosphoric (Paragon)	SW-846: 6010C (Paragon): Arsenic, Beryllium	SW-846: 8270C (Paragon): Semi-Volatile Organics	SW-846: 8260B (Paragon): VOCs by Terra-Core	SW-846: 7196A (Paragon): Hexavalent Chromium	SW-846: 7471A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
2021	CX	XA	1	✓	✓															
2021	CX	XH	1																	✓

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Field Sampler: Javid Kelley / (Print and Sign)  Date: 10/23/08

FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/23/08	Time Collected (24 hour): 16:44
Core ID #: 2021	Core Segment ID #: DX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full-Suite: <input type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PC86 (Aroclor 1254) (Paragon): 15/2/08 1228	SW 846-6010C: (Paragon): Arsenic, Beryllium	SW 846-8270C: (Paragon): Semi-Volatile Organics	SW 846-8260B: (Paragon): VOCs by Terra Core	SW 846-7196A: (Paragon): Hexavalent Chromium	SW 846-7471A: (Paragon): Mercury	GC/MS (s) 8/16/08	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																			
2021	DX	XA	1	✓	✓																
2021	DX	XH	1											✓							✓

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Field Sampler: Javid Kelley / (Print and Sign) Date: 10/23/08

FIELD SAMPLE DATA SHEET

Survey Unit ID#: 2	Date Collected (mm/dd/yy): 10/23/08	Time Collected (24 hour): 1646
Core ID #: 2021	Core Segment ID #: EX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input checked="" type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/> Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCRA Model: 1254 Paragon: 11/18/08	SW 846: 6010C (Paragon) Arsenic, Beryllium	SW 846: 8270C (Paragon) Semi-Volatile Organics	SW 846: 8260B (Paragon) VOCs by Terra Core	SW 846: 7196A (Paragon) Hexavalent Chromium	SW 846: 7471A (Paragon) Mercury	Penvek's Agent	Sample Preservation (Check if YES)	
Core #	Segment #	Sample #																				
2021	EX	XA	1	✓	✓																	
2021	EX	XH	1											✓						✓	✓	

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Field Sampler: Javid Kelley / Date: 10/23/08
 (Print and Sign)

Appendix E.2

Field Sample Data Sheets, Survey Unit 8

FIELD SAMPLE DATA SHEET

Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/06/07	Time Collected (24 hour): 1408
Core ID #: 0145	Core Segment ID #: AX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input type="checkbox"/>	Full-Suite Radiological: <input checked="" type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full-Suite: <input type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (MFG)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs: Aroclor 1254 (Paragon)	SW 846: 6010C (Paragon): Arsenic, Barium	SW 846: 6270C (Paragon): Semi-Volatile Organics	SW 846: 8280B (Paragon): VOCs by Tama Core	SW 846: 7180A (Paragon): Hexavalent Chromium	SW 846: 7471A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0145	AX	XA	1	✓	✓	✓	✓	✓												
0145	AX	XF	1						✓											✓

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Field Sampler: Art Samiljan / *[Signature]* Date: 09/06/07
 (Print and Sign)



MACTEC Development Corp.
 751 Horizon Ct. Suite 104
 Grand Junction, CO 81506
 Phone 970.243.2861
 Fax 970.256.7356

FIELD SAMPLE DATA SHEET

Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/06/07	Time Collected (24 hour): 1412
Core ID #: 0145	Core Segment ID #: BX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input checked="" type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/> Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	Rb-87, Arsenic, 125I (Paragon)	SW-846, rad10C (Paragon) / Lead, Bismuth	SW-846, rad210C (Paragon) / Semi-Volatile Organics	SW-846, rad003 (Paragon) / VOCs by Term Conc	SW-846, rad7 (Paragon) / Hexavalent Chromium	SW-846, rad7A (Paragon) / Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0145	BX	XA	1	✓	✓															

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Field Sampler: Art Samiljan / [Signature] Date: 09/06/07
 (Print and Sign)



MACTEC Development Corp.
 751 Horizon Ct. Suite 104
 Grand Junction, CO 81506
 Phone 970.243.2861
 Fax 970.256.7356

FIELD SAMPLE DATA SHEET

Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/06/07	Time Collected (24 hour): 1416
Core ID #: 0145	Core Segment ID #: CX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input checked="" type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/> Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE) Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs: Arochl 1254 (Paragon)	SW 816, 801, 905 (Paragon) Arsenic, Beryllium	SW 816, 827, 905 (Paragon) Semi-Volatiles, Organics	SW 816, 827, 905 (Paragon) VOCs by Terra Core	SW 816, 719A (Paragon) Hexavalent Chromium	SW 816, 747, 1A (Paragon) Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0145	CX	XA	1	✓	✓															

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Field Sampler: Art Samilian / *[Signature]* Date: 09/06/07
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FIELD SAMPLE DATA SHEET

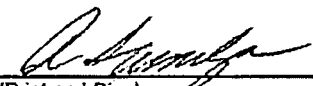
Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/06/07	Time Collected (24 hour): 1422
Core ID #: 0145	Core Segment ID #: DX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs: Aroclor 1254 (Paragon)	SW 816: 5010C (Paragon): Arsenic, Barium	SW 846: 8270C (Paragon): Semi-Volatile Organics	SW 846: 8280B (Paragon): VOCs by Terra Core	SW 846: 7150A (Paragon): Hexavalent Chromium	SW 846: 7470A (Paragon): Manganese	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0145	DX	XA	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>															

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Date: 09/06/07



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Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/06/07	Time Collected (24 hour): 1424
Core ID #: 0145	Core Segment ID #: EX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input checked="" type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (GRISE)	Alpha Spectroscopy (GRISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (GRISE)	Tc-99 by Liquid Scint (GRISE)	Pb-210, Ac-210, Bi-210 (Paragon)	SW 846, 8010C (Paragon): Arsenic, Barium	SW 846, 8070C (Paragon): Semi-Volatile Organics	SW 846, 8260B (Paragon): VOCs by Gravimetry	SW 846, 7199A (Paragon): Inorganic Chromium	SW 846, 7470C (Paragon): Manganese	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0145	EX	XA	1	✓	✓															

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/06/07	Time Collected (24 hour): 1426
Core ID #: 0145	Core Segment ID #: FX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input checked="" type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/> Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs, Aroclor 1254 (Paragon)	SW-846: 80102 (Paragon): Arsenic, Beryllium	SW-846: 82702 (Paragon): Semi-Volatile Organics	SW-846: 80602 (Paragon): Volatile Organic	SW-846: 70902 (Paragon): Hexavalent Chromium	SW-846: 7471A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0145	FX	XA	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>															

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Survey Unit ID#: <u>8</u>	Date Collected (mm/dd/yy): <u>09/06/07</u>	Time Collected (24 hour): <u>1044</u>
Core ID #: <u>0146</u>	Core Segment ID #: <u>AX</u>	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input checked="" type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/> Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs: Aroclor 1254 (Paragon)	SW 846: 6010C (Paragon): Arsenic, Barium	SW 846: 9270C (Paragon): Semi-Volatile Organics	SW 846: 8260B (Paragon): VOCs by ToxM Core	SW 846: 7155A (Paragon): Hexavalent Chromium	SW 846: 7471A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
<u>0146</u>	<u>AX</u>	<u>XA</u>	<u>1</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>															

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FIELD SAMPLE DATA SHEET

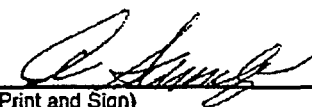
Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/06/07	Time Collected (24 hour): 1048
Core ID #: 0146	Core Segment ID #: BX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input checked="" type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/> Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBS: Aroclor 1254 (Paragon)	SW 846: 8010C (Paragon): Arsenic, Beryllium	SW 846: 8270C (Paragon): Semi-Volatile Organics	SW 846: 8280B (Paragon): VOCs by Terra-Care	SW 846: 786A (Paragon): Hexavalent Chromium	SW 846: 7471A (Paragon): Mercury	Sample Preservation (Check if YES)	
Core #	Segment #	Sample #																			
0146	BX	XA	1	✓	✓																

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Date: 09/06/07

FIELD SAMPLE DATA SHEET

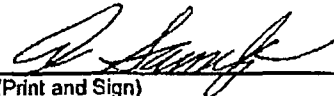
Survey Unit ID#: <u>8</u>	Date Collected (mm/dd/yy): <u>09/06/07</u>	Time Collected (24 hour): <u>1054</u>
Core ID #: <u>0146</u>	Core Segment ID #: <u>CX</u>	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input checked="" type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/> Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	Pb/Bi, Arochl, 1253 (Paragon)	SW 846, 60105 (Paragon): Arsenic, Beryllium	SW 840, #2705 (Paragon): Semi-Volatile Organics	SW 846, #2605 (Paragon): VOCs by Terra Conc	SW 846, 7160A (Paragon): Hexavalent Chromium	SW 846, 7473A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0146	CX	XA	1	✓	✓															

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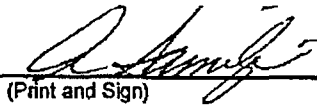
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Core ID #: <u>0146</u>	Core Segment ID #: <u>0X</u>	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory/Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/> Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	Pb-210: Arcid 1250 (Paragon)	SW-B48: 6010C (Paragon): Americium, Beryllium	SW-B48: 8270C (Paragon): Semi-Volatile Organics	SW-B46: 8280B (Paragon): VOCs by Terra Core	SW-B46: 7186A (Paragon): Hexavalent Chromium	SW-B46: 7471A (Paragon): Manganese	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0146	DX	XA	1	✓	✓															

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Date: 09/06/07



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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/06/07	Time Collected (24 hour): 1102
Core ID #: 0146	Core Segment ID #: EX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input checked="" type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (FSS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs, Arochlor 1254 (Paragon)	SW-846: 80106 (Paragon): Arsenic, Barium, Cd	SW-846: 82700 (Paragon): Sam, Vanadium, Organic	SW-846: 82605 (Paragon): VOCs, SV, Tera Data	SW-846: 7190A (Paragon): Hexavalent Chromium	SW-846: 7471A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0146	EX	XA	1	✓	✓															

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Date: 09/06/07



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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/06/07	Time Collected (24 hour): 1105
Core ID #: 0146	Core Segment ID #: FX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full-Suite: <input type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs: Aroclor 1254 (Paragon)	SW 846: 6040C (Paragon): Arsenic, Beryllium	SW 846: 6220G (Paragon): Semi-Volatile Organics	SW 846: 8260B (Paragon): VOCs by Headspace	SW 846: 7195A (Paragon): Hexavalent Chromium	SW 846: 7471A (Paragon): Mercury	Sample Preservation (Check if YES)	
Core #	Segment #	Sample #																			
0146	FX	XA	1	✓	✓																

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Date: 09/06/07

FIELD SAMPLE DATA SHEET

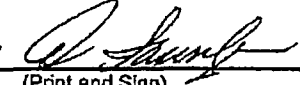
Survey Unit ID#: <u>8</u>	Date Collected (mm/dd/yy): <u>09/06/07</u>	Time Collected (24 hour): <u>11:14</u>
Core ID #: <u>0147</u>	Core Segment ID #: <u>AX</u>	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full-Suite: <input type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs, Aroclor 1254 (Paragon)	SW-846: 6010C (Paragon): Arsenic, Beryllium	SW-846: 8270C (Paragon): Semi-Volatile Organics	SW-846: 8280B (Paragon): VOCs by Tatra Core	SW-846: 7185A (Paragon): Hexavalent Chromium	SW-846: 7473A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0147	AX	XA	1	✓	✓															

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Survey Unit ID#: <u>8</u>	Date Collected (mm/dd/yy): <u>09/06/07</u>	Time Collected (24 hour): <u>1116</u>
Core ID #: <u>0147</u>	Core Segment ID #: <u>BV</u>	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample <input checked="" type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/> Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (GRISA)	Alpha Spectroscopy (GRISA): Am, Pu, U, Th	Pu-241 by Liquid Scint (GRISA)	Tc-99 by Liquid Scint (GRISA)	PCBs: Aroclor 1254 (Paragon)	SW 846: 8010C (Paragon): Arsenic, Beryllium	SW 848: 8270C (Paragon): Semi-Volatiles Organics	SW 846: 8250B (Paragon): Volatiles by Tama Core	SW 848: 7180A (Paragon): Hexavalent Chromium	SW 848: 7471A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0147	BV	XA	1	✓	✓															

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FIELD SAMPLE DATA SHEET

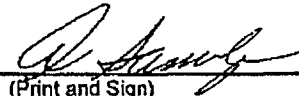
Survey Unit ID#: <u>8</u>	Date Collected (mm/dd/yy): <u>09/06/07</u>	Time Collected (24 hour): <u>1118</u>
Core ID #: <u>0147</u>	Core Segment ID #: <u>CX</u>	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/> Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER of CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (MFB)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBS: Aroclor 1254 (Paragon)	SW B-16: 2010s (Paragon): Arsenic, Barium	SW B-16: 2270C (Paragon): Semi-Volatile Organics	SW B-16: 2280B (Paragon): VOCs by Terra Core	SW B-16: 1190 (Paragon): Hexavalent Chromium	SW B-16: 747A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
<u>0147</u>	<u>CX</u>	<u>XA</u>	<u>1</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>															

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Date: 09/06/07



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 Fax 970.256.7356

FIELD SAMPLE DATA SHEET

Survey Unit ID#: <u>8</u>	Date Collected (mm/dd/yy): <u>09/06/07</u>	Time Collected (24 hour): <u>1126</u>
Core ID #: <u>0147</u>	Core Segment ID #: <u>DX</u>	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input checked="" type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/> Full-Suite: <input type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	EDS: Aragon 12k (Paragon)	SW-846: 6010C (Paragon): Acetic, Perylim	SW-846: 8270C (Paragon): Semi-Volatiles Organics	SW-846: 3200B (Paragon): Volatiles Organics	SW-846: 7166A (Paragon): Hexavalent Chromium	SW-846: 7217A (Paragon): Mercury	Sample Preservation (Check if YES)	
Core #	Segment #	Sample #																			
0147	DX	XA	1	✓	✓																

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Survey Unit ID#: <u>8</u>	Date Collected (mm/dd/yy): <u>09/06/07</u>	Time Collected (24 hour): <u>1132</u>
Core ID #: <u>0147</u>	Core Segment ID #: <u>EX</u>	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>	
Regulatory Confirmation Sample: <input checked="" type="checkbox"/>	Gamma Only: <input type="checkbox"/>	Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs: Aro Chlor 1254 (Paragon)	SW846 15010C (Paragon): Arsenic, Beryllium	SW846 15210C (Paragon): Semi-Volatile Organics	SW 846 15240B (Paragon): VOCs by Tenax One	SW 846 1561A (Paragon): Hexavalent Chromium	SW 846 1571A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0147	EX	XA	1	✓	✓															

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Date: 09/06/07



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FIELD SAMPLE DATA SHEET

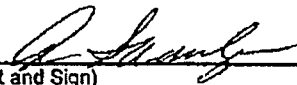
Survey Unit ID#: <u>8</u>	Date Collected (mm/dd/yy): <u>09/06/07</u>	Time Collected (24 hour): <u>1546</u>
Core ID #: <u>0148</u>	Core Segment ID #: <u>AX</u>	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/> Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NEET)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE)/Am/Pu/U/Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBS: Arsenic, Cobalt, Lead, Uranium	SW 846, 80102 (Paragon): Arsenic, Beryllium	SW 846, 82700 (Paragon): Semi-Volatile Organics	SW 846, 82803 (Paragon): VOCs by Direct Probe	SW 846, 7189A (Paragon): Hexavalent Chromium	SW 846, 7471A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
<u>0148</u>	<u>AX</u>	<u>XA</u>	<u>1</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>															

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Survey Unit ID#: <u>9</u>	Date Collected (mm/dd/yy): <u>09/06/07</u>	Time Collected (24 hour): <u>7:50</u>
Core ID #: <u>0148</u>	Core Segment ID #: <u>BX</u>	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input checked="" type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/>
	Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCIS: Aroclor 1254 (Paragon)	SW-846: 9010C (Paragon): Arsenic, Beryllium	SW-846: 8270C (Paragon): Semi-Volatile Organics	SW-846: 8360B (Paragon): VOCs by Terra Core	SW-846: 186A (Paragon): Hexavalent Chromium	SW-846: 747A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
<u>0148</u>	<u>BX</u>	<u>XA</u>	<u>1</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>															

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Survey Unit ID#: <u>9</u>	Date Collected (mm/dd/yy): <u>09/06/07</u>	Time Collected (24 hour): <u>1538</u>
Core ID #: <u>0148</u>	Core Segment ID #: <u>CX</u>	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Scintilla Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon); Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE); Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBS, Arsenic, 1254 (Paragon)	SW 846, 6010C (Paragon); Arsenic, Barium	SW 846, 8270C (Paragon); Semi-Volatile Organics	SW 846, 8100B (Paragon); VOCs by Terra Core	SW 846, 7100A (Paragon); Hexavalent Chromium	SW 846, 7200A (Paragon); Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
<u>0148</u>	<u>CX</u>	<u>XA</u>	<u>1</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>															

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FIELD SAMPLE DATA SHEET

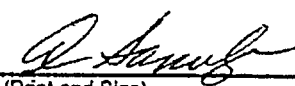
Survey Unit ID#: <u>8</u>	Date Collected (mm/dd/yy): <u>09/06/07</u>	Time Collected (24 hour): <u>1602</u>
Core ID #: <u>0148</u>	Core Segment ID #: <u>DX</u>	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input checked="" type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/>
	Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs: Aroclor 1254 (Paragon)	SW 846: 80105 (Paragon): Arsenic, Beryllium	SW 846: 80705 (Paragon): Lead, Vanadium, Chromium	SW 846: 82605 (Paragon): VOCs by Term CVs	SW 846: 7180A (Paragon): Hexavalent Chromium	SW 846: 7171A (Paragon): Mercury	Sample Preservation (Check if YES)	
Core #	Segment #	Sample #																			
<u>0148</u>	<u>DX</u>	<u>XA</u>	<u>1</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: <u>P</u>	Date Collected (mm/dd/yy): <u>09/06/07</u>	Time Collected (24 hour): <u>1606</u>
Core ID #: <u>0148</u>	Core Segment ID #: <u>EX</u>	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>	
Regulatory/Confirmation Sample: <input checked="" type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/>	Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grnd)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint. (Paragon)	Tc-99 by Liquid Scint. (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE) Am, Pu, U, Th	Pu-241 by Liquid Scint. (ORISE)	Tc-99 by Liquid Scint. (ORISE)	Po/Bi: Aradon 1250 (Paragon)	SW 816: 8010C (Paragon) Arsenic, Barium	SW 816: 8270C (Paragon) Semi-Volatile Organics	SW 816: 8260B (Paragon) VOCs by Terra Cone	SW 816: 7160A (Paragon) Hexavalent Chromium	SW 816: 7471A (Paragon) Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0148	EX	XA	1	✓	✓															

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: <u>9</u>	Date Collected (mm/dd/yy): <u>09/06/07</u>	Time Collected (24 hour): <u>1610</u>
Core ID #: <u>0148</u>	Core Segment ID #: <u>FX</u>	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory/Confirmation Sample: <input checked="" type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/> Full-Suite: <input checked="" type="checkbox"/>

Core #	Segment #	Sample #	NUMBER of CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint. (Paragon)	Tc-99 by Liquid Scint. (Paragon)	Gamma Spectroscopy (GRISE)	Alpha Spectroscopy (GRISE): Am, Pu, U, Th	Pu-241 by Liquid Scint. (GRISE)	Tc-99 by Liquid Scint. (GRISE)	665a: Arsenic (Paragon)	SW 816: 8010C (Paragon): Arsenic, Beryllium	SW 816: 8270C (Paragon): Semi-Volatile Organics	SW 816: 8260B (Paragon): Volatile Ternary Comp	SW 816: 7195A (Paragon): Hexavalent Chromium	SW 816: 7471A (Paragon): Mercury	Sample Preservation (Check if YES)	
<u>0148</u>	<u>FX</u>	<u>XA</u>	<u>1</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/06/07	Time Collected (24 hour): 1514
Core ID #: 0149	Core Segment ID #: AX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

(SWMU Sample) <input type="checkbox"/>	Full-Suite Radiological: <input checked="" type="checkbox"/>
Regulatory Confirmation Sample <input type="checkbox"/>	Gamma Only: <input type="checkbox"/>
	Full-Suite: <input type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon); Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE); Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	ECIS; Anodic 254 (Paragon)	SW 816, 8110C (Paragon); Arsenic, Barium	SW 816, 8270C (Paragon); Selenium, Vanadium, Chromium	SW 816, 8260B (Paragon); VOCs by Terra Core	SW 816, 7199A (Paragon); Hexavalent Chromium	SW 816, 7271A (Paragon); Mercury	Sample Preservation (Check if YES)	
Core #	Segment #	Sample #																			
0149	AX	XA	1	✓	✓	✓	✓	✓													
0149	AX	XF	1						✓												✓

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Date: 09/06/07

FIELD SAMPLE DATA SHEET


Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/06/07	Time Collected (24 hour): 1518
Core ID #: 0149	Core Segment ID #: BX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/> Full-Suite: <input checked="" type="checkbox"/>

Core #	Segment #	Sample #	Unique Sample ID Number	NUMBER OF CONTAINERS	ANALYSIS METHODS													Sample Preservation (Check if YES)								
					Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	GC/MS: Aroclor 1254 (Paragon)	SW-846: 8010C (Paragon): Arsenic, Beryllium	SW-846: 8270C (Paragon): Semi-Volatile Organics		SW-846: 8240B (Paragon): VOCs by Tenax Core	SW-846: 7190A (Paragon): Hexavalent Chromium	SW-846: 7473A (Paragon): Mercury					
0149	BX	XA		1	✓	✓																				

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Date: 09/06/07



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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/06/07	Time Collected (24 hour): 1520
Core ID #: 0149	Core Segment ID #: CX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full-Suite: <input type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCSA: Arsenic (24) (Paragon)	SW 846: 60 (C) (Paragon): Arsenic, Beryllium	SW 846: B270C (Paragon): Semi-Volatile Organics	SW 846: B280B (Paragon): VOCs by Terra Core	SW 846: 798A (Paragon): Hexavalent Chromium	SW 846: 747A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0149	CX	XA	1	✓	✓															

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FIELD SAMPLE DATA SHEET


Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/06/07	Time Collected (24 hour): 1524
Core ID #: 0149	Core Segment ID #: DX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory/Confirmation Sample: <input checked="" type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/> Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE)/Am, Pu, U, Th	Pu-239 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs: Arochl 1254 (Paragon)	SW 846-6010C (Paragon)/Arsenic, Beryllium	SW 846-8270C (Paragon): Semi-Volatile Organics	SW 846-8280B (Paragon): VOCs of Total Carb	SW 846-7199A (Paragon): Hexavalent Chromium	SW 846-7471A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0149	DX	XA	1	✓	✓															

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Date: 09/06/07



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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/06/07	Time Collected (24 hour): 1528
Core ID #: 0149	Core Segment ID #: EX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
---------------------------------------	---

Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/>	Full-Suite: <input type="checkbox"/>
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Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	Cesium, Aroclor-1254 (Paragon)	SW-846-60100 (Paragon): Arsenic, Beryllium	SW-846-82700 (Paragon): Semi-volatile Organics	SW-846-82600 (Paragon): VOCs by Terra Core	SW-846-74900 (Paragon): Hexavalent Chromium	SW-846-74700 (Paragon): Mercury	Sample Preservation (Check if YES)	
Core #	Segment #	Sample #																			
0149	EX	XA	1	✓	✓																

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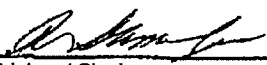
Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/07/07	Time Collected (24 hour): 0843
Core ID #: 0150	Core Segment ID #: AX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full-Suite: <input type="checkbox"/>

Unique Sample ID Number			NUMBER of CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCB, Aroclor 1248 (Paragon)	SW-846: 60101 (Paragon): Barium, Beryllium	SW-846: 62702 (Paragon): Semi-Volatile Organics	SW-846: 80605 (Paragon): VOCs by Tare Core	SW-846: 1964 (Paragon): Hexavalent Chromium	SW-846: 7118 (Paragon): Mercury	Sample Preservation (Check if YES)	
Core #	Segment #	Sample #																			
0150	AX	XA	1	✓	✓																
0150	AX	XG	1																		✓
0150	AX	XH	1											✓	✓	✓		✓	✓		✓

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Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/07/07	Time Collected (24 hour): 0852
Core ID #: 0150	Core Segment ID #: BX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	Pb-210: Aroclor 1254 (Paragon)	SW-248: 6019C (Paragon): Aroclor, Butyltin	SW-248: 8270C (Paragon): Semi-Volatile Organics	SW-248: 8280B (Paragon): VOCs by Terra Cqrs	SW-248: 7188A (Paragon): Hexavalent Chromium	SW-248: 747A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0150	BX	XA	1	✓	✓															
0150	AX	XB	1																	✓
0150	BX	XH	1											✓	✓	✓		✓	✓	✓

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FIELD SAMPLE DATA SHEET

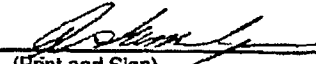
Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/07/07	Time Collected (24 hour): 0858
Core ID #: 0150	Core Segment ID #: CX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	Pb-210 by Liquid Scint (Paragon)	SW 846, 801 DC (Paragon): Arsenic, Beryllium	SW 846, 827 DC (Paragon): Semi-Volatile Organics	SW 846, 82805 (Paragon): VOCs by Terra Core	SW 846, 7198A (Paragon): Hexavalent Chromium	SW 846, 7171A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0150	CX	XA	1	✓	✓															
0150	CX	XB	1														✓			✓
0150	CX	XH	1											✓	✓	✓		✓		✓

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FIELD SAMPLE DATA SHEET


Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/07/07	Time Collected (24 hour): 0905
Core ID #: 0150	Core Segment ID #: DX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full-Suite: <input type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Re-99 by Liquid Scint (ORISE)	PCIS: Aroclor 1254 (Paragon)	SW-846: 60700 (Paragon): Arsenic, Beryllium	SW-846: 80760 (Paragon): Semi-Volatile Organics	SW-846: 82600 (Paragon): VOCs by Tare Can	SW-846: 71050 (Paragon): Persistent Chlorine	SW-846: 71710 (Paragon): Mercury	Sample Preservation (Check if YES)	
Core #	Segment #	Sample #																			
0150	DX	XA	1	✓	✓																
0150	DX	XG	1																		✓
0150	DX	XH	1												✓	✓		✓	✓		✓

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Date: 09/07/07

FIELD SAMPLE DATA SHEET


Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/07/07	Time Collected (24 hour): 0912
Core ID #: 0150	Core Segment ID #: EX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full-Suite: <input type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	EC95: Arsenic, Zinc (Paragon)	SW 846: 10C (Paragon): Arsenic, Beryllium	SW 846: B270C (Paragon): Semi-Volatile Organics	SW 846: B270B (Paragon): VOCs by Tents Core	SW 846: 156A (Paragon): Hexavalent Chromium	SW 846: 472A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0150	EX	XA	1	✓	✓															
0150	EX	XG	1																	✓
0150	EX	XH	1											✓	✓	✓		✓	✓	✓

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FIELD SAMPLE DATA SHEET


Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/07/07	Time Collected (24 hour): 0918
Core ID #: 0150	Core Segment ID #: FX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory/Confirmation Sample: <input checked="" type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full Suite: <input type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon); Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE) (Am, Pu, U, Th)	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs, Aroclor 254 (Paragon)	SW 846, 8010C (Paragon); Arsenic, Lead, Cd	SW 846, 8270C (Paragon); Semi-Volatile Organics	SW 846, 8160B (Paragon); Volcs by Terra Corp	SW 846, 7186A (Paragon); Hexavalent Chromium	SW 846, 7471A (Paragon); Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0150	FX	XA	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>															
0150	FX	XG	1																	<input checked="" type="checkbox"/>
0150	FX	XH XG MA 09/07/07	1											<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/07/07	Time Collected (24 hour): 0933
Core ID #: 0151	Core Segment ID #: AX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/>
Full-Suite: <input checked="" type="checkbox"/>	

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (GRISE)	Alpha Spectroscopy (GRISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (GRISE)	Tc-99 by Liquid Scint (GRISE)	As by Aroclor 1254 (Paragon)	SW 846, 80100 (Paragon): Arsenic, Beryllium	SW 846, 82700 (Paragon): Semi-volatile Organics	SW 846, 82800 (Paragon): VOCs by Terra-Cote	SW 846, 71900 (Paragon): Hexavalent Chromium	SW 846, 74700 (Paragon): Mercury	Sample Preservation (Check if YES)	
Core #	Segment #	Sample #																			
0151	AX	XA	1	✓	✓																

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/07/07	Time Collected (24 hour): 0935
Core ID #: 0151	Core Segment ID #: BX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>	
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/>	Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs: Aroclor 1254 (Paragon)	SW 846: 401 DC (Paragon): Arsenic, Barium	SW 846: 402 DC (Paragon): Semi-Volatile Organics	SW 846: 8250B (Paragon): VOCs by Tama Cora	SW 846: 7090A (Paragon): Hexavalent Chromium	SW 846: 7470A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0151	BX	XA	1	✓	✓															

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Date: 09/07/07

FIELD SAMPLE DATA SHEET

Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/07/07	Time Collected (24 hour): 0937
Core ID #: 0151	Core Segment ID #: CX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input type="checkbox"/>	Full-Suite Radiological: <input checked="" type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full-Suite: <input type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (GRISE)	Alpha Spectroscopy (GRISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (GRISE)	Tc-99 by Liquid Scint (GRISE)	PCAS: Arsenic-75 (Paragon)	SW-846: Pb-210 (Paragon); Arsenic; Beryllium	SW-846: Bz/9C (Paragon); Semi-Volatile Organics	SW-846: Bz/9B (Paragon); VOCs by TerraCore	SW-846: 7196A (Paragon); Hexavalent Chromium	SW-846: 7171A (Paragon); Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0151	CX	XA	1	✓	✓	✓	✓	✓												
0151	CX	XF	1							✓										✓

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Date: 09/07/07



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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/07/07	Time Collected (24 hour): 0841
Core ID #: 0151	Core Segment ID #: DX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input checked="" type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/> Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spec (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs, nroco, d2sc (Paragon)	SW 846 6010C (Paragon) Asamb, Beryllium	SW 846 8270C (Paragon) Sams, Diallyl, Organics	SW 846 8260B (Paragon) Vols by Tap Core	SW 846 7190A (Paragon) Hexavalent Chromium	SW 846 7171A (Paragon) Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0151	DX	XA	1	✓	✓															

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/07/07	Time Collected (24 hour): 0745
Core ID #: 0151	Core Segment ID #: EX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/> Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint. (Paragon)	Tc-99 by Liquid Scint. (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint. (ORISE)	Tc-99 by Liquid Scint. (ORISE)	PCBs: Aroclor 1248 (Paragon)	SW 846: 6010C (Paragon): Asbestos, Beryllium	SW 846: 8270C (Paragon): Semi-Volatile Organics	SW 846: 8260B (Paragon): VOCs by Terra Core	SW 846: 7196A (Paragon): Hexavalent Chromium	SW 846: 7471A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0151	EX	XA	1	✓	✓															

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Date: 09/07/07

FIELD SAMPLE DATA SHEET

Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/07/07	Time Collected (24 hour): 1308
Core ID #: 0152	Core Segment ID #: AX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full-Suite: <input type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs: Aroclor 1254 (Paragon)	SW 947-6010C (Paragon): Arsenic, Beryllium	SW 947-8270C (Paragon): Semi-Volatile Organics	SW 947-8250B (Paragon): VOCs by Tera-Gate	SW 947-7186A (Paragon): Hexavalent Chromium	SW 947-7171A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0152	AX	XA	1	✓	✓															

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/07/07	Time Collected (24 hour): 1309
Core ID #: 0152	Core Segment ID #: BX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>	
Regulatory Confirmation Sample: <input checked="" type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/>	Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pl, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs: Arochl 1254 (Paragon)	SW 846: 60100 (Paragon) Arsenic, Beryllium	SW 846: 62700 (Paragon): Semi-Volatile Organics	SW 846: 97600 (Paragon): VOCs by Terra-Care	SW 846: 71800 (Paragon): Hexavalent Chromium	SW 846: 71700 (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0152	BX	XA	1	✓	✓															

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Field Sampler: Art Samilian / *[Signature]* Date: 09/07/07
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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/07/07	Time Collected (24 hour): 1313
Core ID #: 0152	Core Segment ID #: CX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory/Confirmation Sample: <input checked="" type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/> Full-Suite: <input checked="" type="checkbox"/>

Core #	Segment #	Sample #	NUMBER OF CONTAINERS	Unique Sample ID Number													Sample Preservation (Check if YES)							
				Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	Pb-210 by Liquid Scint (Paragon)	SW 846: 8010C (Paragon): Arsenic, Barium	SW 846: 8270C (Paragon): Semi-Volatile Organics		SW 846: 8280B (Paragon): VOCs by Term Conc	SW 846: 7196A (Paragon): Hexavalent Chromium	SW 846: 7471A (Paragon): Mercury				
0152	CX	XA	1	✓	✓																			

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/07/07	Time Collected (24 hour): 1317
Core ID #: 0152	Core Segment ID #: DX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory/Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full-Suite: <input type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs: Arochl 1254 (Paragon)	SW 846: 6010C (Paragon): Acetic, Benzylum	SW 846: 6270C (Paragon): Semi-Volatile Organics	SW 846: 8260B (Paragon): VOCs by Tenax Core	SW 846: 7490A (Paragon): Hexavalent Chromium	SW 846: 7471A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0152	DX	XA	1	✓	✓															

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 (Print and Sign)

Date: 09/07/07



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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/07/07	Time Collected (24 hour): 1320
Core ID #: 0152	Core Segment ID #: EX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: Full-Suite Radiological:

Regulatory/Confirmation Sample: Gamma Only: Full-Suite:

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCSB: Arsenic 1241 (Paragon)	SW 846, 8610C (Paragon)/Arsenic, Barium	SW 846, 8270C (Paragon) Semi-Volatile Organics	SW 846, 8260B (Paragon) VOCs by Tuna Core	SW 846, 7198A (Paragon) Hexavalent Chromium	SW 846, 7471A (Paragon) Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0152	EX	XA	1	✓	✓															

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/07/07	Time Collected (24 hour): 1006
Core ID #: 0153	Core Segment ID #: 4x	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input type="checkbox"/>	Full-Suite Radiological: <input checked="" type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full-Suite: <input type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCAS Model 125 (Paragon)	SW 846, 82/100 (Paragon): Arsenic, Beryllium	SW 846, 82/100 (Paragon): Semi-Volatile Organics	SW 846, 82/100 (Paragon): VDOs by Para Carb	SW 846, 7-186X (Paragon): Hexavalent Chromium	SW 846, 7-186X (Paragon): Mercury	Sample Preservation (Check if YES)	
Core #	Segment #	Sample #																			
0153	AX	XA	1	✓	✓	✓	✓	✓													
0153	AX	XF	1						✓												✓

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/07/07	Time Collected (24 hour): 1012
Core ID #: 0153	Core Segment ID #: BX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input checked="" type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/> Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-239 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs: Arochl 1254 (Paragon)	SW 816: 6010C (Paragon): Arsenic, Barium	SW 816: 8270C (Paragon): Semi-Volatile Organics	SW 816: 8160B (Paragon): VOCs by Tetra Core	SW 816: 7190A (Paragon): Hexavalent Chromium	SW 816: 7470A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0153	BX	XA	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>															

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FIELD SAMPLE DATA SHEET

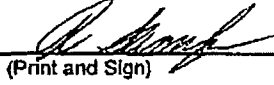
Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/07/07	Time Collected (24 hour): 1015
Core ID #: 0153	Core Segment ID #: CX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/> Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NES)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	Polys. Spectroscopy (Paragon)	SW-846/8010C (Paragon) Inorganic Beryllium	SW-846/8270C (Paragon) Semi-Volatile Organics	SW-846/8260B (Paragon) VOCs by Tera-Core	SW-846/195A (Paragon) Hexavalent Chromium	SW-846/2477A (Paragon) Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0153	CX	XA	1	✓	✓															

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FIELD SAMPLE DATA SHEET


Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/07/07	Time Collected (24 hour): 1018
Core ID #0153	Core Segment ID #: DX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMD Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	238Pu, 239Pu, 240Pu (Paragon)	SW 846, 8010C (Paragon) Arsenic, Barium	SW 846, 8210C (Paragon) Sam, Volatile Organics	SW 846, 8260B (Paragon) VOCs by TGA/Cole	SW 846, 7198A (Paragon) Hexavalent Chromium	SW 846, 7198A (Paragon) Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0153	DX	XA	1	✓	✓															

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Date: 09/07/07

FIELD SAMPLE DATA SHEET

Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/07/07	Time Collected (24 hour): 1027
Core ID #: 0153	Core Segment ID #: EX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/> Full-Suite: <input type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs: Aroclor 1264 (Paragon)	SW 816, 6010C (Paragon): Arsenic, Barium	SW 816, 6010C (Paragon): Semi-Volatile Organics	SW 816, 6010C (Paragon): VOCs by Term. Calc.	SW 816, 716A (Paragon): Hexavalent Chromium	SW 816, 7471A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0153	EX	XA	1	✓	✓															

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/07/07	Time Collected (24 hour): 1235
Core ID #: 0154	Core Segment ID #: AX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: Full-Suite Radiological:

Regulatory Confirmation Sample: Gamma Only: Full-Suite:

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	POBS: Aroclor 1254 (Paragon)	SW 816: 6010C (Paragon); Arsenic; Beryllium	SW 818: 8270C (Paragon); Semi-Volatile Organics	SW 815: 8260B (Paragon); VOCs by Terra Core	SW 816: 7196A (Paragon); Hexavalent Chromium	SW 816: 7471A (Paragon); Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0154	AX	XA	1	✓	✓	✓	✓	✓												
0154	AX	XF	1						✓											✓

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Date: 09/07/07



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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/07/07	Time Collected (24 hour): 1242
Core ID #: 0154	Core Segment ID #: BX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/> Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	Pb-210, Ac-210, Bi-210 (Paragon)	SW-245, SW-100 (Paragon): Arsenic, Beryllium	SW-106, SW-70C (Paragon): Semi-Volatile Organics	SW-105, SW-260B (Paragon): Volcs by: Lead/Cop	SW-66, SW-788A (Paragon): Resonant Chromium	SW-88, SW-7A7A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0154	BX	XA	1	✓	✓															

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/07/07	Time Collected (24 hour): 12:45
Core ID #: 0154	Core Segment ID #: CX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs, Aroclor 1254 (Paragon)	SW 846: 5010C (Paragon): Arsenic, Barium	SW 846: 5070C (Paragon): Semi-Volatile Organics	SW 846: 5530B (Paragon): VOCs by Topsoil Core	SW 846: 7100A (Paragon): Hexavalent Chromium	SW 846: 7471A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0154	CX	XA	1	✓	✓															

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Date: 09/07/07



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FIELD SAMPLE DATA SHEET

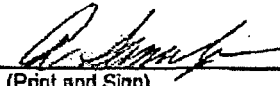
Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/07/07	Time Collected (24 hour): 1249
Core ID #: 0154	Core Segment ID #: DX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input checked="" type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/> Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grnd)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PICs: Aroclor 1254 (Paragon)	SW 816/8070C (Paragon): Arsenic/Beryllium	SW 816/8270C (Paragon): Semi-Volatile Organics	SW 816/8260B (Paragon): VOCs by Terra Core	SW 816/798A (Paragon): Hexavalent Chromium	SW 816/7571A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0154	DX	XA	1	✓	✓															

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/07/07	Time Collected (24 hour): 1252
Core ID #: 0154	Core Segment ID #: EX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full-Suite: <input type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCa by Acdon: 125 (Paragon)	SW-846: 6010C (Paragon): As, Se, Be, Y, U, Th	SW-846: 8270C (Paragon): Sem-Volatile Organics	SW-846: 8280C (Paragon): VOCs by Terra Core	SW-846: 9030C (Paragon): Hexavalent Chromium	SW-846: 9040C (Paragon): Manganese	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0154	EX	XA	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>															

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/12/07	Time Collected (24 hour): 0818
Core ID #: 0155	Core Segment ID #: AX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input checked="" type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint. (Paragon)	Tc-99 by Liquid Scint. (Paragon)	Gamma Spectroscopy (ORIS)	Alpha Spectroscopy (ORIS): Am, Pu, U, Th	Pu-241 by Liquid Scint. (ORIS)	Tc-99 by Liquid Scint. (ORIS)	PCIS: Abcior 12541 (Paragon)	SW 446-60102 (Paragon): Asenic, Beryllium	SW 446-62710 (Paragon): Sam, Yellie, C, Pb, Cs	SW 446-62710B (Paragon): VOCS by Tera Con	SW 446-71884 (Paragon): Hexavalent Chromium	SW 446-6777A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0155	AX	XA	1	✓	✓															

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FIELD SAMPLE DATA SHEET


Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/12/07	Time Collected (24 hour): 0822
Core ID #: 0155	Core Segment ID #: BX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input type="checkbox"/>	Full-Suite Radiological: <input checked="" type="checkbox"/>	
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/>	Full-Suite: <input type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	EGGs: Araldite 254 (Paragon)	SW-240, 60100 (Paragon): Scint (5, Day) Lum	SW-240, 62706 (Paragon): Scint (5, Day) Lum	SW-240, 82805 (Paragon): VOCS by Teraorb	SW-240, 7195A (Paragon): Heavalent by Teraorb	SW-240, 7677A (Paragon): Mercury	Sample Preservation (Check if YES)	
Core #	Segment #	Sample #																			
0155	BX	XA	1	✓	✓	✓	✓	✓													
0155	BX	XF	1						✓												✓

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Date: 09/12/07

FIELD SAMPLE DATA SHEET

Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/12/07	Time Collected (24 hour): 0826
Core ID #: 0155	Core Segment ID #: CX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory/Confirmation Sample: <input checked="" type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/> Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon); Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE); Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	POBs; Pu-238, Pu-239, Pu-240, Pu-241 (Paragon)	SW-306-40306 (Paragon); Uranium, Beryllium	SW-315-402705 (Paragon); Semi-Volatile Organics	SW-316-402805 (Paragon); VOCs by Total Carb	SW-316-7100A (Paragon); Hexavalent Chromium	SW-316-7171A (Paragon); Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0155	CX	XA	1	✓	✓															

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Date: 09/12/07



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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/12/07	Time Collected (24 hour): 0832
Core ID #: 0155	Core Segment ID #: DX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: Full-Suite Radiological:

Regulatory Confirmation Sample: Gamma Only: Full-Suite:

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon); Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE); Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	Pb-210 by Liquid Scint (Paragon)	SW-846; 8010C; (Paragon); Arsenic; Beryllium	SW-846; 8270C; (Paragon); Benzene Volatiles; Organics	SW-846; 8240B; (Paragon); VOCs by Term Core	SW-846; 8160A; (Paragon); Hexavalent Chromium	SW-846; 7737A; (Paragon); Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0155	DX	XA	1	✓	✓															

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/12/07	Time Collected (24 hour): 0836
Core ID #: 0155	Core Segment ID #: EX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input checked="" type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full-Suite: <input type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint. (Paragon)	Tc-99 by Liquid Scint. (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Air, Elutriate	Pu-241 by Liquid Scint. (ORISE)	Tc-99 by Liquid Scint. (ORISE)	PCBs, Aroclor 1254 (Paragon)	SW 846: 6010C (Paragon): Asbestos/Chrysotile	SW 846: 1627 (PC: Paragon): Semi-Volatile Organics	SW 846: 220B (Paragon): VOCs by Tent Core	SW 846: 7100A (Paragon): Hexavalent Chromium	SW 846: 7100A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0155	EX	XA	1	✓	✓															

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/12/07	Time Collected (24 hour): 0838
Core ID #: 0155	Core Segment ID #: FX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/> Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER of CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE) AM, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBS: Arochl 1254 (Paragon)	SW 846: 6010C (Paragon) Acetone, Beryllium	SW 846: 6270C (Paragon) Semi-Volatile Organics	SW 846: 8260B (Paragon) VOCs by Tenax-Cole	SW 846: 7189 (Paragon) Hexavalent Chromium	SW 846: 7371A (Paragon) Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0155	FX	XA	1	✓	✓															

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Date: 09/12/07



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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/07/07	Time Collected (24 hour): 1413
Core ID #: 0156	Core Segment ID #: AX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full-Suite: <input type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Beta Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORIS)	Alpha Spectroscopy (ORIS): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORIS)	Tc-99 by Liquid Scint (ORIS)	PSES/Avondale 125K (Paragon)	SW 846: 6010C (Paragon): Arsenic, Beryllium	SW 846: 8270C (Paragon): Semi-volatile Organics	SW 846: 8250B (Paragon): VOCs by Tera-Core	SW 846: 7156A (Paragon): Hexavalent Chromium	SW 846: 7171X (Paragon): Mercury	Sample Preservation (Check if YES)	
Core #	Segment #	Sample #																			
0156	AX	XA	1	✓	✓																

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/07/07	Time Collected (24 hour): 1417
Core ID #: 0156	Core Segment ID #: BX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory/Confirmation Sample: <input checked="" type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/> Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint. (Paragon)	Tc-99 by Liquid Scint. (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint. (ORISE)	Tc-99 by Liquid Scint. (ORISE)	PCRB: 40016-1254 (Paragon)	SW 816: 80190 (Paragon): Arsenic, Beryllium	SW 816: 12765 (Paragon): Ben/Acidic Organics	SW 816: 82808 (Paragon): VOCs (1) Extra Core	SW 816: 71908 (Paragon): Hexavalent Chromium	SW 816: 24774 (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0156	BX	XA	1	✓	✓															

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/07/07	Time Collected (24 hour): 1420
Core ID #: 0156	Core Segment ID #: CX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input checked="" type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/> Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NIS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon); Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE); Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PC65: Atclor 125g (Paragon)	SW846: 6010C (Paragon); Arsenic; Beryllium	SW846: 8270B (Paragon); Sulf; Vanille Organics	SW846: 8280B (Paragon); VOCs by Temp Corp	SW846: 7100A (Paragon); Hexavalent Chromium	SW846: 747A (Paragon); Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0156	CX	XA	1	✓	✓															

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/07/07	Time Collected (24 hour): 1422
Core ID #: 0156	Core Segment ID #: DX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services Project Name: Subsurface Characterization and FSS Project Mgr: Jeffrey Lively Project No: 9120071235
--	---

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/>
Full-Suite: <input checked="" type="checkbox"/>	

Core #	Segment #	Sample #	NUMBER OF CONTAINERS	ANALYSIS METHODS												Sample Preservation (Check if YES)						
				Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	Radon: Rn-222 (Paragon)	SW-846: 6010C (Paragon): Arsenic, Barium		SW-846: 8210C (Paragon): Semivolatile Organics	SW-846: 8260B (Paragon): Volatile Organic Compounds	SW-846: 7160A (Paragon): Hazardous Inorganics	SW-846: 7471A (Paragon): Mercury		
0156	DX	XA	1	✓	✓																	

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Date: 09/07/07



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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/07/07	Time Collected (24 hour): 1427
Core ID #: 0156	Core Segment ID #: EX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU/Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
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Regulatory Confirmation/Sample: <input checked="" type="checkbox"/>	Gamma Only: <input type="checkbox"/>	Full-Suite: <input checked="" type="checkbox"/>
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Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs: Aroclor 1261 (Paragon)	SW 846, 6010C (Paragon): Arsenic, Beryllium	SW 846, 6270C (Paragon): Semi-Volatile Organics	SW 846, 8260B (Paragon): VOCs by Terra Corp	SW 846, 7160A (Paragon): Hexavalent Chromium	SW 846, 7471A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0156	EX	XA	1	✓	✓															

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/07/07	Time Collected (24 hour): 1431
Core ID #: 0156	Core Segment ID #: FX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input checked="" type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/>
	Full-Suite: <input type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCB: Aroclor 1254 (Paragon)	SW 846: 6010C (Paragon): Arsenic, Beryllium	SW 846: 8270C (Paragon): Semi-Volatile Organics	SW 846: 8260E (Paragon): VOCs by Terra Cob	SW 846: 7160A (Paragon): Hexavalent Chromium	SW 846: 7470A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0156	FX	XA	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>															

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/10/07	Time Collected (24 hour): 0840
Core ID #: 0157	Core Segment ID #: AX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input checked="" type="checkbox"/>
Regulatory Confirmation Sample: <input checked="" type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/> Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pb-211 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	Gamma Spectroscopy (ORISE)	SW 846: 8280B (Paragon): Asenic, Beryllium	SW 846: 8270C (Paragon): Semi-Volatile Organics	SW 846: 8280B (Paragon): VOCs by Temp. Core	SW 846: 8280A (Paragon): Hexavalent Chromium	SW 846: 8270A (Paragon): Manganese	Sample Preservation (Check if YES)	
Core #	Segment #	Sample #																			
0157	AX	XA	1	✓	✓	✓	✓	✓													
0157	AX	XF	1						✓												✓

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Date: 09/10/07

FIELD SAMPLE DATA SHEET

Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/10/07	Time Collected (24 hour): 0844
Core ID #: 0157	Core Segment ID #: BX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input checked="" type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/> Full-Suite: <input checked="" type="checkbox"/>

Core #	Segment #	Sample #	Unique Sample ID Number	NUMBER OF CONTAINERS													Sample Preservation (Check if YES)									
				Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	Pb-210 by Liquid Scint (ORISE)	SW-846: 9010C (Paragon): Arsenic, Beryllium	SW-846: 8270C (Paragon): Bismuth, Vanadium, Uranium		SW-846: 8260B (Paragon): Cadmium, Tellurium	SW-846: 799A (Paragon): Hexavalent Chromium	SW-846: 7471A (Paragon): Mercury						
0157	BX	XA		1	✓	✓																				

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Date: 09/10/07



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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/10/07	Time Collected (24 hour): 0850
Core ID #: 0157	Core Segment ID #: CX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
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Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/>	Full-Suite: <input checked="" type="checkbox"/>
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Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (GRISE)	Alpha Spectroscopy (GRISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (GRISE)	Tc-99 by Liquid Scint (GRISE)	PCBs: Aroclor 1261 (Paragon)	SW 846: 60106 (Paragon): As, Pb, Beryllium	SW 846: 82700 (Paragon): Semi-Volatile Organics	SW 846: 8700E (Paragon): VOCs by Terra Core	SW 846: 7199A (Paragon): Hexavalent Chromium	SW 846: 7417A (Paragon): Mercury	Sample Preservation (Check if YES)	
Core #	Segment #	Sample #																			
0157	CX	XA	1	✓	✓																

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Date: 09/10/07



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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/10/07	Time Collected (24 hour): 0857
Core ID #: 0157	Core Segment ID #: DX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/> Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	Pd/Ba, Arsenic, Zn, Pb (Paragon)	SW 846: 6010C (Paragon): Arsenic, Beryllium	SW 846: 8270C (Paragon): Semi-Volatile Organics	SW 846: 8260B (Paragon): VOCs by Thermal Desorb	SW 846: 7500A (Paragon): Hexavalent Chromium	SW 846: 7471A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0157	DX	XA	1	✓	✓															

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Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/10/07	Time Collected (24 hour): 0900
Core ID #: 0157	Core Segment ID #: EX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input checked="" type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/> Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	RBS: Am, Pu, U, Th (Paragon)	SW 846: 80110C (Paragon): Arsenic, Beryllium	SW 846: 8020C (Paragon): Semi-Volatiles (Paragon)	SW 846: 8050B (Paragon): VOCs by Terra Core	SW 846: 7198A (Paragon): Hexavalent Chromium	SW 846: 7471A (Paragon): Mercury	Sample Preservation (Check if YES)	
Core #	Segment #	Sample #																			
0157	EX	XA	1	✓	✓																

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FIELD SAMPLE DATA SHEET


Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/11/07	Time Collected (24 hour): 1528
Core ID #: 0158	Core Segment ID #: AX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input type="checkbox"/>	Full-Suite Radiological: <input checked="" type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full-Suite: <input type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	ECIS: Aceler, 25A (Paragon)	SW 846: 6010G (Paragon): Acetic, Beryllium	SW 846: 9270G (Paragon): Semi-Volatile Organics	SW 846: 8280B (Paragon): Volatile Organics	SW 846: 7190A (Paragon): Hexavalent Chromium	SW 846: 7271A (Paragon): Mercury	Sample Preservation (Check if YES)	
Core #	Segment #	Sample #																			
0158	AX	XA	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
0158	AX	XF	1																	✓	

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/11/07	Time Collected (24 hour): 1536
Core ID #: 0158	Core Segment ID #: BX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
---------------------------------------	---

Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/>	Full-Suite: <input checked="" type="checkbox"/>
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Unique Sample ID Number			NUMBER of CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs: Arochl 126 (Paragon)	SW 846: 80105 (Paragon): Arsenic, Beryllium	SW 846: 82705 (Paragon): Semi-Volatile Organics	SW 846: 81605 (Paragon): VOCs by Terra Core	SW 846: 74605 (Paragon): Hexavalent Chromium	SW 846: 7471A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0158	BX	XA	1	✓	✓															

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Date: 09/11/07

FIELD SAMPLE DATA SHEET

Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/11/07	Time Collected (24 hour): 1540
Core ID #: 0158	Core Segment ID #: CX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input checked="" type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	FCB by Alpha (264) (Paragon)	SW-846-6010C (Paragon) Asbestos: Beryllium	SW-846-8970C (Paragon) Semi-Volatile Organics	SW-846-8260B (Paragon) Volatile Organic	SW-846-7190A (Paragon) Hexavalent Chromium	SW-846-7471A (Paragon) Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0158	CX	XA	1	✓	✓															

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/11/07	Time Collected (24 hour): 1544
Core ID #: 0158	Core Segment ID #: DX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>	
Regulatory Confirmation Sample: <input checked="" type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/>	Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCB, Aroclor, PBB (Paragon)	SW 846: 6010c (Paragon): Arsenic, Barium	SW 846: 8270c (Paragon): Semi-Volatile Organics	SW 846: 8260B (Paragon): VOCs by Extra Core	SW 846: 8180A (Paragon): Hexavalent Chromium	SW 846: 7470A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0158	DX	XA	1	✓	✓															

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Date: 09/11/07



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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/11/07	Time Collected (24 hour): 1547
Core ID #: 0158	Core Segment ID #: EX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/> Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint. (Paragon)	Tc-99 by Liquid Scint. (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint. (ORISE)	Tc-99 by Liquid Scint. (ORISE)	PCBE: Ar-40, K-40, Rb-87 (Paragon)	SW-846: 0010C (Paragon): Arsenic, Barium	SW-846: 8270C (Paragon): Semi-Volatile Organics	SW-846: 8260B (Paragon): VOCs by Term. Comp.	SW-846: 1024 (Paragon): Hexavalent Chromium	SW-846: 721A (Paragon): Mercury	Sample Preservation (Check if YES)	
Core #	Segment #	Sample #																			
0158	EX	XA	1	✓	✓																

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/12/07	Time Collected (24 hour): 0858
Core ID #: 0159	Core Segment ID #: AX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory/Confirmation Sample: <input checked="" type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/> Full Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon); Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE); Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs/Aroclors 2041(Paragon)	SW 845, 8010C (Paragon); Asbestos; Barium	SW 845, 8010C (Paragon); Selenium; Hexachlorocyclopentadiene	SW 845, 8010C (Paragon); VOCs by Terra Core	SW 845, 8010C (Paragon); Hexachlorocyclopentadiene	SW 845, 8010C (Paragon); Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0159	AX	XA	1	✓	✓															

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/12/07	Time Collected (24 hour): 0902
Core ID #: 0159	Core Segment ID #: BX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: Full-Suite Radiological:

Regulatory Confirmation Sample: Gamma Only: Full-Suite:

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Ac, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	ECRS: Proton 1254 (Paragon)	SW-245: 60100 (Paragon): Americium, Bismuth	SW-819: 82700 (Paragon): Samarium, Gadolinium	SW-846: 82800 (Paragon): Neodymium, Cerium	SW-866: 7496A (Paragon): Hexavalent Chromium	SW-876: 7477A (Paragon): Manganese	Sample Preservation (Check if YES)	
Core #	Segment #	Sample #																			
0159	BX	XA	1	✓	✓																

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Date: 09/12/07

FIELD SAMPLE DATA SHEET

Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/12/07	Time Collected (24 hour): 0908
Core ID #: 0159	Core Segment ID #: CX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: Full-Suite Radiological:

Regulatory Confirmation Sample: Gamma Only: Full-Suite:

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	Pb-210, Bi-210, Po-210 (Paragon)	SW 246, 6010C (Paragon) (Selenium, Beryllium)	SW 246, 8270C (Paragon) (Semi-Volatile Organics)	SW 246, 8260B (Paragon) (VOCs by Direct Desorption)	SW 246, 7186A (Paragon) (Perchlorate Concentration)	SW 246, 747A (Paragon) (Mercury)	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0159	CX	XA	1	✓	✓															

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Date: 09/12/07



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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/12/07	Time Collected (24 hour): 0912
Core ID #: 0159	Core Segment ID #: DX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: Full-Suite Radiological:

Regulatory Confirmation Sample: Gamma Only: Full-Suite:

Unique Sample ID Number			NUMBER of CONTAINERS	Sample Preparation (Dry & Grnd)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE)/Am/Pu/U/Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs: Aroclor 1254 (Paragon)	SW 846: 40 (PC (Paragon)/Xenon/Beryllium)	SW 846: 327 (C (Paragon))	SW 846: 7188A (Paragon) Hexavalent Chromium	SW 846: 717A (Paragon) Mercury	Sample Preservation (Check if YES)	
Core #	Segment #	Sample #																		
0159	DX	XA	1	✓	✓															

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Date: 09/12/07



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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/12/07	Time Collected (24 hour): 0914
Core ID #: 0159	Core Segment ID #: EX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input checked="" type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full-Suite: <input type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBS: Arochl 1254 (Paragon)	SW-846 6010C (Paragon): Arsenic, Beryllium	SW-846 3270C (Paragon): Semi-Volatile Organics	SW-846 8280B (Paragon): VOCs by ParaCor	SW-846 1288A (Paragon): Hexavalent Chromium	SW-846 747A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0159	EX	XA	1	✓	✓															

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/12/07	Time Collected (24 hour): 0916
Core ID #: 0159	Core Segment ID #: FX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: Full-Suite Radiological:

Regulator/Confirmation Sample: Gamma Only: Full-Suite:

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint. (Paragon)	Tc-99 by Liquid Scint. (Paragon)	Gamma Spectroscopy (GRISE)	Alpha Spectroscopy (GRISE): Am, Pu, U, Th	Pu-241 by Liquid Scint. (GRISE)	Tc-99 by Liquid Scint. (GRISE)	Pb-210, Bi-210, Po-210 (Paragon)	SW 846 10C (Paragon) (Hexavalent Chromium)	SW 846 10M (Paragon) (Semi-Volatile Organics)	SW 846 10B (Paragon) (VOCs by Terra Core)	SW 846 2100A (Paragon) (Hexavalent Chromium)	SW 846 747A (Paragon) (Mercury)	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0159	FX	XA	1	✓	✓															

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Date: 09/12/07



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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/12/07	Time Collected (24 hour): 1400
Core ID #: 0160	Core Segment ID #: AX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
--	---

Regulatory Confirmation Sample: <input checked="" type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/>	Full-Suite: <input checked="" type="checkbox"/>
---	---	---

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs: Aroclor 1254 (Paragon)	SW: 846, 6010C (Paragon): Asbestos, Beryllium	SW: 846, 8270C (Paragon): Semi-Volatiles Organics	SW: 846, 8280B (Paragon): VOC's by Tenax/Coat	SW: 846, 7186A (Paragon): Hexavalent Chromium	SW: 846, 7473A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0160	AX	XA	1	✓	✓															
0160	AX	XH	1												✓	✓		✓	✓	✓
0160	AX	XG	1															✓		✓

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Date: 09/12/07

FIELD SAMPLE DATA SHEET

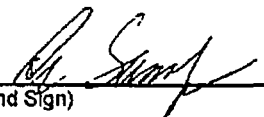
Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/12/07	Time Collected (24 hour): 1420
Core ID #: 0160	Core Segment ID #: CX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tr-232 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tr-232 by Liquid Scint (ORISE)	PCBs: Aroclor 1254 (Paragon)	SW 846: 8010C (Paragon): Aroclor, Beryllium	SW 846: 8270G (Paragon): Semi-Volatile Organics	SW 846: 8280B (Paragon): VOCs by Tenax Coa	SW 846: 7-195A (Paragon): Hexachloro-Chromium	SW 846: 7-195A (Paragon): Mercury	Sample Preservation (Check if YES)	
Core #	Segment #	Sample #																			
0160	CX	XA	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																
0160	CX	XH	1											<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>
0160	CX	XG	1																		<input checked="" type="checkbox"/>
0160	CX	MSD-0160-CX-XH	1											<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>
0160	CX	MSD-0160-CX-XG	1											<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>
0160	CX	MSD-0160-CX-XH	1											<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>
0160	CX	MSD-0160-CX-XG	1															<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>

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Field Sampler: Art Samiljan 
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Date: 09/12/07



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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/12/07	Time Collected (24 hour): 1430
Core ID #: 0160	Core Segment ID #: DX	

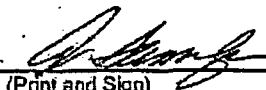
Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: Full-Suite Radiological:

Regulatory Confirmation Sample: Gamma Only: Full-Suite:

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon); Am, Pu, U, Th	Pu-241 by Liquid Scint. (Paragon)	Tc-99 by Liquid Scint. (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE); Am, Pu, U, Th	Pu-241 by Liquid Scint. (ORISE)	Tc-99 by Liquid Scint. (ORISE)	PCBs: Arochlors 124 (Paragon)	SW846 80100 (Paragon); Arsenic; Beryllium	SW846 82700 (Paragon); Semi-Volatile Organics	SW846 8260B (Paragon); VOCs by Term Core	SW846 7150A (Paragon); Hexavalent Chromium	SW 846 7100 (Paragon); Mercury	Sample Preservation (Check if YES)	
Core #	Segment #	Sample #																			
0160	DX	XA	1	✓	✓																
0160	DX	XH	1												✓	✓	✓	✓	✓	✓	✓
0160	DX	XG	1															✓	✓	✓	✓

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Field Sampler: Art Samllian 
 (Print and Sign)

Date: 09/12/07

FIELD SAMPLE DATA SHEET

Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/12/07	Time Collected (24 hour): 1444
Core ID #: 0160	Core Segment ID #: EX	

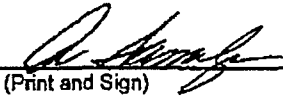
Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: Full-Suite Radiological:

Regulatory/Confirmation Sample: Gamma Only: Full-Suite:

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon); Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE)	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	Pb-210, Am-241, Pu-241 (Paragon)	SW-846, 8010C (Paragon); Americium, Beryllium	SW-846, 8210C (Paragon); Semi-Volatile Organics	SW-846, 8210B (Paragon); VOCs by Air, Core	SW-846, 7150A (Paragon); Hexavalent Chromium	SW-846, 7171K (Paragon); Nitrate	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0160	EX	XA	1	✓	✓															
0160	EX	XH	1												✓	✓				✓
0160	EX	XG	1														✓			✓

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Field Sampler: Art Samiljan 
 (Print and Sign)

Date: 09/12/07

FIELD SAMPLE DATA SHEET

Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/12/07	Time Collected (24 hour): 1454
Core ID #: 0160	Core Segment ID #: FX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/> Full-Suite: <input type="checkbox"/>

Core #	Segment #	Sample #	NUMBER of CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tr-232 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tr-232 by Liquid Scint (ORISE)	PCBs: Aroclor 1254 (Paragon)	SW 846: 6010C (Paragon): Arsenic, Beryllium	SW 846: 8270C (Paragon): Semi-Volatile Organics	SW 846: 8260B (Paragon): VOCs by Terra-Cote	SW 846: 7456A (Paragon): Hexavalent Chromium	SW 846: 7471A (Paragon): Mercury	Sample Preservation (Check if YES)
0160	FX	XA	1	✓	✓															
0160	FX	XH	1											✓	✓	✓		✓		✓
0160	FX	XG	1														✓			✓

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Field Sampler: Art Samillan / [Signature]
 (Print and Sign)

Date: 09/12/07

FIELD SAMPLE DATA SHEET

Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/10/07	Time Collected (24 hour): 0922
Core ID #: 0161	Core Segment ID #: AX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input type="checkbox"/>	Full-Suite Radiological: <input checked="" type="checkbox"/>
Regulatory Confirmation Sample: <input checked="" type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/> Full-Suite: <input type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	Rb85, Al26, Cs137 (Paragon)	SW 846-80105 (Paragon): Americium-Beryllium	SW 846-82700 (Paragon): Semi-Volatile Organics	SW 846-82805 (Paragon): VOCs by Tama Code	SW 846-7180A (Paragon): Hexavalent Chromium	SW 846-7171A (Paragon): Mercury	Sample Preservation (Check if YES)	
Core #	Segment #	Sample #																			
0161	AX	XA	1	✓	✓	✓	✓	✓													
0161	AX	XF	1						✓												✓

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Field Sampler: Art Samiljan  Date: 09/10/07
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 Fax 970.258.7356

FIELD SAMPLE DATA SHEET

Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/10/07	Time Collected (24 hour): 0928
Core ID #: 0161	Core Segment ID #: BX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>	
Regulatory Confirmation Sample: <input checked="" type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/>	Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE)/Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs: Aroclor 1254 (Paragon)	SW-846: 80102 (Paragon): Arsenic, Beryllium	SW-846: 8270C (Paragon): Semi-Volatiles Organics	SW-846: 8280B (Paragon): VOCs, Para, CBN	SW-846: 2199A (Paragon): Hexavalent Chromium	SW-846: 2171B (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0161	BX	XA	1	✓	✓															

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FIELD SAMPLE DATA SHEET


Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/10/07	Time Collected (24 hour): 0930
Core ID #: 0161	Core Segment ID #: CX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input checked="" type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/> Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCB: Aroclor 1254 (Paragon)	SW-846: 8010C (Paragon): Acetic Acid Beryllium	SW-846: 8270C (Paragon): Semi-Volatile Organics	SW-846: 8260B (Paragon): VOCs by Air and Soil	SW-846: 7160A (Paragon): Hexavalent Chromium	SW-846: 7470A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0161	CX	XA	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>															

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Date: 09/10/07

FIELD SAMPLE DATA SHEET

Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/10/07	Time Collected (24 hour): 0936
Core ID #: 0161	Core Segment ID #: DX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full-Suite: <input type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	POBs: Ar-40/Ar-39 (Paragon)	SW-846: Pb-210 (Paragon)/Pb-210m	SW-846: Rn-222 (Paragon): Shim-Volatilize Organics	SW-846: V-235 (Paragon): V-235 by Terra-Crete	SW-846: U-238 (Paragon): U-238 by Terra-Crete	SW-846: U-235 (Paragon): U-235 by Terra-Crete	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0161	DX	XA	1	✓	✓															

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/10/07	Time Collected (24 hour): 0942
Core ID #: 0161	Core Segment ID #: 6X	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory/Confirmation Sample <input checked="" type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/> Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE) Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCPS: Arsenic 244 (Paragon)	SW 816: 8010C (Paragon) Arsenic, Beryllium	SW 806: 8070C (Paragon) Semi-Volatile Organics	SW 816: 8260B (Paragon) VOCs by Triple Core	SW 816: 7169A (Paragon) Hexavalent Chromium	SW 816: 7171A (Paragon) Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0161	6X	XA	1	✓	✓															

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/11/07	Time Collected (24 hour): 1434
Core ID #: 0162	Core Segment ID #: AX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs: Aroclor 1254 (Paragon)	SW 845, 8010C (Paragon): Aroclor, Beryllium	SW 846, 8270C (Paragon): Semi-Volatiles Organics	SW 845, 8280B (Paragon): VOCs by Terra Core	SW 846, 7182A (Paragon): Hexavalent Chromium	SW 846, 717A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0162	AX	XA	1	✓	✓															

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/11/07	Time Collected (24 hour): 1440
Core ID #: 0162	Core Segment ID #: BX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services Project Name: Subsurface Characterization and FSS Project Mgr: Jeffrey Lively Project No: 9120071235
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SWMU Sample: <input type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full-Suite: <input type="checkbox"/>

Core #	Segment #	Sample #	NUMBER of CONTAINERS	Sample Preparation (Dry & Grnd)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE) Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs: Aroclor 1254 (Paragon)	SW 816: 8010C (Paragon) Arsenic, Barium	SW 816: 8274C (Paragon) Semi-Volatile Organics	SW 816: 8308B (Paragon) VOCs by Tens Comp	SW 816: 7199A (Paragon) Inorganic Chlorine	SW 816: 7199B (Paragon) Mercury	Sample Preservation (Check if YES)
0162	BX	XA	1	✓	✓															

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Field Sampler: Art Samiljan / *Art Samiljan* Date: 09/11/07
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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/11/07	Time Collected (24 hour): 1442
Core ID #: 0162	Core Segment ID #: CX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services Project Name: Subsurface Characterization and FSS Project Mgr: Jeffrey Lively Project No: 9120071235
--	---

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory/Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full-Suite: <input type="checkbox"/>

Unique Sample ID Number			NUMBER of CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NES)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs/Aroclors 1254 (Paragon)	SW-846: 80100 (Paragon): Arsenic, Beryllium	SW-846: 82700 (Paragon): Semivolatile Organics	SW-846: 8160B (Paragon): VOCs by Terra-Corp	SW-846: 7160A (Paragon): Hexavalent Chromium	SW-846: 7170A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0162	CX	XA	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>															

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Field Sampler: Art Samiljan / Date: 09/11/07
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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/11/07	Time Collected (24 hour): 1446
Core ID #: 0162	Core Segment ID #: DX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input checked="" type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/> Full Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon); Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE); Am, Pu, U, Th	R-226 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	Pb-210 by Liquid Scint (Paragon)	SW-63 by GC (Paragon); Arsenic, Beryllium	SW-146 by GC (Paragon); Semi-Volatile Organics	SW-146 by GC (Paragon); VOCs by Terra Core	SW-840 by GC (Paragon); Hexavalent Chromium	SW-840 by GC (Paragon); Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0162	DX	XA	1	✓	✓															

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Field Sampler: Art Samilian / *[Signature]*
 (Print and Sign)

Date: 09/11/07

FIELD SAMPLE DATA SHEET

Survey Unit ID#: 8	Date Collected <u>9/20/07</u>	Time Collected <u>1528</u>
Core ID #: <u>09 0163</u> <i>AL 9/20/07</i>	Core Segment ID #: <u>AX</u>	
Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services	
	Project Name: Subsurface Characterization and FSS	
	Project Mgr: Jeffrey Lively	
	Project No: 9120071235	

SWMU Sample: <input type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full-Suite: <input type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (GRISE)	Alpha Spectroscopy (GRISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (GRISE)	Tc-99 by Liquid Scint (GRISE)	Pb-210 by Alpha (Paragon)	SW-49/6010C (Paragon) Arsenic, Bismuth	SW-49/6270C (Paragon) Semi-Volatile Organics	SW-49/6280E (Paragon) VOCs by Terra Core	SW-49/7165X (Paragon) Hexavalent Chromium	SW-49/7371X (Paragon) Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0163	AX	XA	1	✓	✓															

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Field Sampler: Alejandro Lopez *Alex Lopez*
 (Print and Sign)

Date: 9/20/07

FIELD SAMPLE DATA SHEET

Survey Unit ID#: 8	Date Collected 9/20/07	Time Collected 1532
Core ID #: 0163	Core Segment ID #: BX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory/Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full-Suite: <input type="checkbox"/>

Core #	Segment #	Sample #	NUMBER of CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (CRISE)	Alpha Spectroscopy (CRISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (CRISE)	Tc-99 by Liquid Scint (CRISE)	PCBs: Aroclor 1254 (Paragon)	SW-846: 8010C (Paragon)/Asbestos/Barium/Lead	SW-846: 8270S (Paragon) Semi-volatile Organics	SW-846: 8260B (Paragon) VOCs by Tenax/COU	SW-846: 106X (Paragon) Hexachlorocyclopentadiene	SW-846: 7471A (Paragon) Mercury	Sample Preservation (Check if YES)
0163	BX	YA	1	✓	✓															

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Field Sampler: Alejandro Lopez *Alex Lopez*
 (Print and Sign)

Date: 9/20/07



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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 8	Date Collected ^{AL 1/29/07} CX 9/20/07	Time Collected 1536
Core ID #: 0163	Core Segment ID #: CX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input checked="" type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/> Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER of CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Act, Pu, U, Th	Pu-241 by Liquid Sct. (Paragon)	Tc-99 by Liquid Sct. (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Sct. (ORISE)	Tc-99 by Liquid Sct. (ORISE)	Pb-210 by Liquid Sct. (Paragon)	SW 816, 8010 (Paragon): Arsenic, Beryllium	SW 816, 8270 (Paragon): Semi-Volatile Organics	SW 816, 8260 (Paragon): VOCs by Grab Core	SW 816, 7190 (Paragon): Hexavalent Chromium	SW 816, 7171 (Paragon): Manganese	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0163	CX	XA	1	✓	✓															

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Field Sampler: Alejandro Lopez / Alex Lopez
 (Print and Sign)

Date: 9/20/07

FIELD SAMPLE DATA SHEET

Survey Unit ID#: 8	Date Collected 9/20/07	Time Collected 1540
Core ID #: 0163	Core Segment ID #: 1X	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory/Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full-Suite: <input type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs: Aroclor: 1254 (Paragon)	SW-846: 6010C (Paragon)/Arsenic/Beryllium	SW-846: 8270C (Paragon) Semi-Volatile Organics	SW-846: 8260B (Paragon) Volatile Organic	SW-846: 7090A (Paragon) Hexavalent Chromium	SW-846: 7270A (Paragon) Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0163	1X	XA	1	✓	✓															

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Field Sampler: Alejandro Lopez *Alex Lopez*
 (Print and Sign)

Date: 9/20/07



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 Grand Junction, CO 81506
 Phone 970.243.2861
 Fax 970.256.7358

FIELD SAMPLE DATA SHEET

Survey Unit ID#: 8	Date Collected 9/20/07	Time Collected 1544
Core ID #: 0163	Core Segment ID #: EX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input checked="" type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full-Suite: <input checked="" type="checkbox"/>

Core #	Segment #	Sample #	Unique Sample ID Number	NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs, Aroclor 1254 (Paragon)	SW-846: 60105 (Paragon): Arsenic, Beryllium	SW-846: 62102 (Paragon): Semi-Volatile Organics	SW-846: 81605 (Paragon): Volatile Organic Compounds	SW-846: 7180A (Paragon): Hexavalent Chromium	SW-846: 7371A (Paragon): Mercury	Sample Preservation (Check if YES)
					0163	EX	XA		1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>										

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Field Sampler: Alejandro Lopez *Alex Lopez*
 (Print and Sign)

Date: 9/20/07



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 Fax 970.256.7356

FIELD SAMPLE DATA SHEET

Survey Unit ID#: 8	Date Collected 9/20/07	Time Collected 1548
Core ID #: 0163	Core Segment ID #: FX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/> Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-239 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	Pu-239 by Liquid Scint (ORISE)	ICP-AES (Paragon)	SW-846 (2010C) (Paragon): Arsenic, Barium	SW-846 (2710C) (Paragon): Silver, Vanadium, Chromium	SW-846 (9240B) (Paragon): VOCs by Tenax Co/s	SW-846 (7190A) (Paragon): Hexavalent Chromium	SW-846 (7470A) (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																			
0163	FX	XA	1	✓	✓																

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Field Sampler: Alejandro Lopez *Alex Lopez*
 (Print and Sign)

Date: 9/20/07

FIELD SAMPLE DATA SHEET

Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/13/07	Time Collected (24 hour): 1254
Core ID #: 0164	Core Segment ID #: AX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input checked="" type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon); Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE); Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	ECB; Arctor 1254 (Paragon)	SW 8-165011C (Paragon); Aqueous Phase (Am)	SW 846-8270C (Paragon); Semi-Volatile Organics	SW 846-8260B (Paragon); VOCs by Tenax Core	SW 846-7185A (Paragon); Hexavalent Chromium	SW 846-717A (Paragon); Mercury	Sample Preservation (Check if YES)		
Core #	Segment #	Sample #																				
0164	AX	XA	1	✓	✓																	

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Field Sampler: Art Samiljan 
 (Print and Sign)

Date: 09/13/07



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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/13/07	Time Collected (24 hour): 1300
Core ID #: 0164	Core Segment ID #: BX	

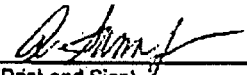
Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
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Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/>	Full-Suite: <input type="checkbox"/>
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Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBS: Aroclor-1248 (Paragon)	SW 846: PCBs (Paragon): Aroclor-1248, Beryllium	SW 846: B2700 (Paragon): Sinks/Glialle Organics	SW 846: B251B (Paragon): VOCs by Terra Cone	SW 846: 7100 (Paragon): Hexavalent Chromium	SW 846: 3171A (Paragon): Mercury	Sample Preservation (Check if YES)	
Core #	Segment #	Sample #																			
0164	BX	XA	1	✓	✓																

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/13/07	Time Collected (24 hour): 1304
Core ID #: 0164	Core Segment ID #: CX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/> Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBS: Aroclor 1261 (Paragon)	SW 846: 60105 (Paragon): Arsenic, Barium	SW 846: 82705 (Paragon): Selenium, Chlorine, Organic	SW 846: 82509 (Paragon): Volatiles by Term Core	SW 846: 7186A (Paragon): Hexavalent Chromium	SW 846: 777A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0164	CX	XA	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>															

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Date: 09/13/07

FIELD SAMPLE DATA SHEET

Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/13/07	Time Collected (24 hour): 1308
Core ID #: 0164	Core Segment ID #: DX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/> Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectrometry (GFS)	Gamma Spectrometry (Paragon)	Alpha Spectrometry (Paragon): Am, Pu, U, Th	Pu-241: by Liquid Scint. (Paragon)	Tc-99: by Liquid Scint. (Paragon)	Gamma Spectrometry (ORISE)	Alpha Spectrometry (ORISE): Am, Pu, U, Th	Pu-239: by Liquid Scint. (ORISE)	Tc-99: by Liquid Scint. (ORISE)	GC/MS: Aroclor 1254 (Paragon)	SW-62: B-80106 (Category: Aqueous Beryllium)	SW-64: B-82702 (Category: Semi-Volatile Organics)	SW-65: B-82805 (Category: VOCs by TetraCore)	SW-68: B-7189A (Paragon): Hexavalent Chromium	SW-68: B-7171A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0164	DX	XA	1	✓	✓															

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/13/07	Time Collected (24 hour): 1310
Core ID #: 0164	Core Segment ID #: EX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input checked="" type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/> Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE) (Am, Pu, U, Th)	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs: Aroclor 1254 (Paragon)	SW 846: 80105 (Paragon) Arsenic, Selenium	SW 846: 82705 (Paragon) Sulfide/Chloride/Fluoride	SW 846: 82805 (Paragon) VOCs by Teflon	SW 846: 83805 (Paragon) Hexavalent Chromium	SW 846: 87205 (Paragon) Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0164	EX	XA	1	✓	✓															

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FIELD SAMPLE DATA SHEET


Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/13/07	Time Collected (24 hour): 1312
Core ID #: 0164	Core Segment ID #: FX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory/Confirmation Sample: <input checked="" type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/> Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grnd)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon); Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (GRISE)	Alpha Spectroscopy (GRISE); Am, Pu, U, Th	Pu-241 by Liquid Scint (GRISE)	Tc-99 by Liquid Scint (GRISE)	Pb-210; Arsenic (254); (Paragon)	SW 846; 8010C (Paragon); Arsenic; Beryllium	SW 846; 8210C (Paragon); Semi-Volatile Chlorides	SW 846; 8260B (Paragon); VOCs by Tera-Cube	SW 846; 198AVPA (Paragon); Hexavalent Chromium	SW 846; 2171A (Paragon); Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0164	FX	XA	1	✓	✓															

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Field Sampler: Art Samiljan / 
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Date: 09/13/07

FIELD SAMPLE DATA SHEET

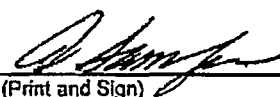
Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/12/07	Time Collected (24 hour): 1005
Core ID #: 0165	Core Segment ID #: AX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input type="checkbox"/>	Full-Suite Radiological: <input checked="" type="checkbox"/>	
Regulatory Confirmation Sample: <input checked="" type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/>	Full-Suite: <input type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs: Aroclor 1254 (Paragon)	SW 846: 8010C (Paragon): Arsenic, Beryllium	SW 846: 8270C (Paragon): Semi-Volatile Organics	SW 846: 8240B (Paragon): Volcs by Teflon	SW 846: 7450A (Paragon): Hexavalent Chromium	SW 846: 7471A (Paragon): Molybdenum	Sample Preservation (Check if YES)	
Core #	Segment #	Sample #																			
0165	AX	XA	1	✓	✓	✓	✓	✓													
0165	AX	XF	1						✓												✓

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FIELD SAMPLE DATA SHEET


Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/12/07	Time Collected (24 hour): 1010
Core ID #: 0165	Core Segment ID #: BX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory/Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint. (Paragon)	Tc-99 by Liquid Scint. (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE) (Am, Pu, U, Th)	Pu-241 by Liquid Scint. (ORISE)	Tc-99 by Liquid Scint. (ORISE)	Rb-87 by Liquid Scint. (Paragon)	SW-846-6010C (Paragon): Arsenic, Barium, Bismuth	SW-846-60270C (Paragon): Benzene, Chlorine, Chromium	SW-246-6261A (Paragon): VOCs by Tenax Caro	SW-846-7198A (Paragon): Hexavalent Chromium	SW-846-717A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0165	BX	XA	1	✓	✓															

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/12/07	Time Collected (24 hour): 1014
Core ID #: 0165	Core Segment ID #: CX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon); Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE); Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBS; Aroclor; PCBs (Paragon)	SW-846; 8010E (Paragon); Acetic; Benzylidene	SW-846; 8270C (Paragon); Semi-Volatile Organics	SW-846; 8260B (Paragon); VOCs by Tare/Gate	SW-846; 7190A (Paragon); Hexavalent Chromium	SW-846; 7270A (Paragon); Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0165	CX	XA	1	✓	✓															

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Field Sampler: Art Samillan / *Art Samillan*
 (Print and Sign)

Date: 09/12/07

FIELD SAMPLE DATA SHEET

Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/12/07	Time Collected (24 hour): 10:16
Core ID #: 0165	Core Segment ID #: DX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory/Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full-Suite: <input type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs/WPCBs (2EA) (Paragon)	SW846:6010C (Paragon): Arsenic/Beryllium	SW846:8270C (Paragon): Semi-Volatile Organics	SW846:8260B (Paragon): Volatile Organics	SW846:7180A (Paragon): PCBs/PAHs/Chloroform	SW846:7477A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0165	DX	XA	1	✓	✓															

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Field Sampler: Art Samilian / *[Signature]* Date: 09/12/07
 (Print and Sign)

FIELD SAMPLE DATA SHEET

Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/12/07	Time Collected (24 hour): 1018
Core ID #: 0165	Core Segment ID #: EX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulator/Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full-Suite: <input type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	90Sr, 90Y, 234mPa (Paragon)	SW 846, 8010C (Paragon)/Arenic/Beryllium	SW 846/232Ac (Paragon)-Semi-Volatile Organics	SW 846/238U (Paragon)-VOCs by Tenax Carb	SW 846/238U (Paragon)-Hexavalent Chromium	SW 846/247Am (Paragon)-Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0165	EX	XA	1	✓	✓															

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Field Sampler: Art Samllian / *Art Samllian*
 (Print and Sign)

Date: 09/12/07



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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/12/07	Time Collected (24 hour): 1026
Core ID #: 0165	Core Segment ID #: FX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services Project Name: Subsurface Characterization and FSS Project Mgr: Jeffrey Lively Project No: 9120071235
---	---

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/> Full-Suite: <input type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	POBS, Kradon, 125I (Paragon)	SW 846, 816, 817 (Paragon): Arsenic, Barium	SW 846, 816, 817 (OC (Paragon)): Selenium, Cadmium	SW 846, 816, 817 (Paragon): VOCs by TerraCom	SW 846, 817 (OC (Paragon)): Hexavalent Chromium	SW 846, 717 (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0165	FX	XA	1	✓	✓															

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/10/07	Time Collected (24 hour): 0956
Core ID #: 0166	Core Segment ID #: AX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input checked="" type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint. (Paragon)	Tc-99 by Liquid Scint. (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-239 by Liquid Scint. (ORISE)	Tc-99 by Liquid Scint. (ORISE)	Pb-210, Aviator, 1254 (Paragon)	SW-846, 8010C (Paragon): Arsenic, Beryllium	SW-846, 8270C (Paragon): Semi-Volatile Organics	SW-846, 8240B (Paragon): VOCs by TerraCore	SW-846, 7190A (Paragon): Hexavalent Chromium	SW-846, 7170 (Paragon): Mercury	Sample Preservation (Check if YES)	
Core #	Segment #	Sample #																			
0166	AX	XA	1	✓	✓																

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/10/07	Time Collected (24 hour): 1002
Core ID #: 0166	Core Segment ID #: BX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory/Confirmation Sample: <input checked="" type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full-Suite: <input checked="" type="checkbox"/>

Core #	Segment #	Sample #	NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am., Pu, U, Th	Pu-241 by Liquid Scint. (Paragon)	Tc-99 by Liquid Scint. (Paragon)	Gamma Spectroscopy (GRISE)	Alpha Spectroscopy (GRISE): Am., Pu, U, Th	Pu-241 by Liquid Scint. (GRISE)	Tc-99 by Liquid Scint. (GRISE)	PCPB, Arsenic, I25, (Paragon)	SW346, 6040C (Paragon): Arsenic, Barium	SW346, 5270C (Paragon): Sam., Yttrium, Uranium	SW346, 5290B (Paragon): SVCS by Teflon Core	SW346, 7195A (Paragon): Hexavalent Chromium	SW346, 7471A (Paragon): Mercury	Sample Preservation (Check if YES)	
																					Unique Sample ID Number
0166	BX	XA	1	✓	✓																

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/10/07	Time Collected (24 hour): 1005
Core ID #: 0166	Core Segment ID #: CX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/> Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE) (Am, Pu, U, Th)	Rb-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	Rb-87 by Liquid Scint (Paragon)	Cs-137 by Liquid Scint (Paragon)	SW-846: 8270C (Paragon): Semivolatile Organics	SW-846: 8260B (Paragon): VOCs by Tama Corp	SW-846: 7461A (Paragon): Hexavalent Chromium	SW-846: 7471A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0166	CX	XA	1	✓	✓															

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Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/10/07	Time Collected (24 hour): 1012
Core ID #: 0166	Core Segment ID #: DX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input checked="" type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NES)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon); Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE); Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs; Aroclor 1254 (Paragon)	SW 846; 801C; (Paragon); Arsenic; Barium	SW 846; 801C; (Paragon); Selenium; Vanadium	SW 846; 801C; (Paragon); VOCs by Steam Core	SW 846; 7190A; (Paragon); Hexavalent Chromium	SW 846; 7171A; (Paragon); Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0166	DX	XA	1	✓	✓															

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/10/07	Time Collected (24 hour): 10/8
Core ID #: 0166	Core Segment ID #: EX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full-Suite: <input type="checkbox"/>

Unique Sample ID Number			NUMBER of CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	Pb-210, Ac-210, Bi-210 (Paragon)	SW-846, SW-847 (Paragon): Alpha, Beryllium	SW-846, SW-847 (Paragon): Semi-Volatile Organics	SW-846, SW-847 (Paragon): VOCs by Tannic Acid	SW-846, SW-847 (Paragon): Hexavalent Chromium	SW-846, SW-847 (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0166	EX	XA	1	✓	✓															

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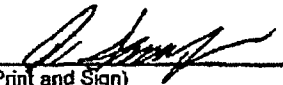
Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/11/07	Time Collected (24 hour): 1020
Core ID #: 0167	Core Segment ID #: AX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input type="checkbox"/>	Full-Suite Radiological: <input checked="" type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input type="checkbox"/> Full-Suite: <input type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Bi-210 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs Aroclor 1248 (Paragon)	SV-846: d100 (Paragon): Asen, Bi, Beryllium	SV-846: d270C (Paragon): Same Volatile Organics	SV-846: d280B (Paragon): VOCs by Terra Core	SV-846: (199) (Paragon): Hexavalent Chromium	SV-846: 743A (Paragon): Mercury	Sample Preservation (Check if YES)	
Core #	Segment #	Sample #																			
0167	AX	XA	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>													
0167	AX	XF	1						<input checked="" type="checkbox"/>												<input checked="" type="checkbox"/>

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/11/07	Time Collected (24 hour): 1826
Core ID #: 0167	Core Segment ID #: BX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input checked="" type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/> Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs: Arochlors (Paragon)	SW-846: PCBs (Paragon): Arochlors, Biphenyls	SW-846: PCBs (Paragon): Semi-Volatile Organics	SW-846: PCBs (Paragon): VOCs by TGA Scale	SW-846: PCBs (Paragon): Hexavalent Chromium	SW-846: PCBs (Paragon): Lead	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0167	BX	XA	1	✓	✓															

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/11/07	Time Collected (24 hour): 1030
Core ID #: 0167	Core Segment ID #: CX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input checked="" type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/> Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint. (Paragon)	Tc-99 by Liquid Scint. (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint. (ORISE)	Tc-99 by Liquid Scint. (ORISE)	PCBs/Aroclors 1254 (Paragon)	SW-846-80110 (Paragon)/Asbestos/Beryllium	SW-846-82715 (Paragon)/Semi-Volatile Organics	SW-846-12305 (Paragon)/VOC's by Tent Comp.	SW-846-11036 (Paragon)/Hexavalent Chromium	SW-846-15716 (Paragon)/Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0167	CX	XA	1	✓	✓															

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/11/07	Time Collected (24 hour): 1034
Core ID #: 0167	Core Segment ID #: DX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
--	---

Regulatory Confirmation Sample: <input checked="" type="checkbox"/>	Gamma Only: <input type="checkbox"/>	Full-Suite: <input type="checkbox"/>
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Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th.	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE) Am/Pu/U/Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	EC631/4000r-1254 (Paragon)	SW846-8010C (Paragon): Arsenic, Barium	SW846-8010C (Paragon): Sim/Volatile Organics	SW846-8010B (Paragon): VOCs by Tarrat Core	SW846-8010A (Paragon): Hexavalent Chromium	SW846-7471A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0167	DX	XA	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>															

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Date: 09/11/07

FIELD SAMPLE DATA SHEET

Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/11/07	Time Collected (24 hour): 1040
Core ID #: 0167	Core Segment ID #: EX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: Full-Suite Radiological:

Regulatory Confirmation Sample: Gamma Only: Full-Suite:

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grnd)	Gamma Spectroscopy (NIS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCRB: Americium 241 (Paragon)	SW-246-50105 (Paragon): Uranium, Selenium	SW-246-32710 (Paragon): Selenium, Uranium	SW-335-19250B (Paragon): Volcs by Tera Core	SW-246-7190 (Paragon): Hexavalent Chromium	SW-246-7471A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0167	EX	XA	1	✓	✓															

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Date: 09/11/07



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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/11/07	Time Collected (24 hour): 1052
Core ID #: 0168	Core Segment ID #: AX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input checked="" type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/> Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint. (Paragon)	Tc-99 by Liquid Scint. (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint. (ORISE)	Tc-99 by Liquid Scint. (ORISE)	ECOB: Arator: 226 (Paragon)	SW-846: 8010 (Paragon) (Swath 15-154) (U)	SW-846: 8270 (Paragon) (Swath 15-154) (U)	SW-846: 8260 (Paragon) (Swath 15-154) (U)	SW-846: 8270 (Paragon) (Swath 15-154) (U)	SW-846: 8260 (Paragon) (Swath 15-154) (U)	SW-846: 8270 (Paragon) (Swath 15-154) (U)	SW-846: 8260 (Paragon) (Swath 15-154) (U)	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																				
0168	AX	XA	1	✓	✓																	

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Date: 09/11/07



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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/11/07	Time Collected (24 hour): 1056
Core ID #: 0168	Core Segment ID #: BX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services Project Name: Subsurface Characterization and FSS Project Mgr: Jeffrey Lively Project No: 9120071235
--	---

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/> Full-Suite: <input type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE): Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCBs: 1030-1214 (Paragon)	SW-846: 8070C (Paragon): Arsenic, Barium	SW-846: 8270C (Paragon): Semi-Volatile Organics	SW-846: 8260B (Paragon): VOCs by Tent Cate	SW-846: 7190A (Paragon): Hexachlorocyclopentadiene	SW-846: 7170A (Paragon): Mercury	Sample Preservation (Check if YES)
Core #	Segment #	Sample #																		
0168	BX	XA	1	✓	✓															

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FIELD SAMPLE DATA SHEET

Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/11/07	Time Collected (24 hour): 1059
Core ID #: 0168	Core Segment ID #: CX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input type="checkbox"/>	Full-Suite Radiological: <input checked="" type="checkbox"/>
Regulatory Confirmation Sample: <input checked="" type="checkbox"/>	Gamma Only: <input type="checkbox"/>
	Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER OF CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE) AMIPU/UM	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	PCB/Aroclor 1254 (Paragon)	SW 246/246.105 (Paragon): Metals/Beryllium	SW 246/246.105 (Paragon): Semivolatile Organics	SW 246/246.105 (Paragon): VOCs by TerraCore	SW 246/246.105 (Paragon): Heavy Metal Chromium	SW 246/246.105 (Paragon): Mercury	Sample Preservation (Check if YES)	
Core #	Segment #	Sample #																			
0168	CX	XA	1	✓	✓	✓	✓														
0168	CX	XF	1					✓													✓
0168	CX	XQ	1					✓													✓

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Field Sampler: Art Samilian /
 (Print and Sign)

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 Fax 970.256.7356

FIELD SAMPLE DATA SHEET


Survey Unit ID#: 8	Date Collected (mm/dd/yy): 09/11/07	Time Collected (24 hour): 1106
Core ID #: 0168	Core Segment ID #: DX	

Site: NFS North Site 1205 Banner Hill Road Erwin, TN 37650	Client: Nuclear Fuel Services
	Project Name: Subsurface Characterization and FSS
	Project Mgr: Jeffrey Lively
	Project No: 9120071235

SWMU Sample: <input checked="" type="checkbox"/>	Full-Suite Radiological: <input type="checkbox"/>
Regulatory Confirmation Sample: <input checked="" type="checkbox"/>	Gamma Only: <input checked="" type="checkbox"/>
	Full-Suite: <input checked="" type="checkbox"/>

Unique Sample ID Number			NUMBER of CONTAINERS	Sample Preparation (Dry & Grind)	Gamma Spectroscopy (NFS)	Gamma Spectroscopy (Paragon)	Alpha Spectroscopy (Paragon): Am, Pu, U, Th	Pu-241 by Liquid Scint (Paragon)	Tc-99 by Liquid Scint (Paragon)	Gamma Spectroscopy (ORISE)	Alpha Spectroscopy (ORISE) Am, Pu, U, Th	Pu-241 by Liquid Scint (ORISE)	Tc-99 by Liquid Scint (ORISE)	EC-Be Spectroscopy (Paragon)	SW-846 40106 (Paragon): Arsenic, Barium	SW-846 40206 (Paragon): Selenium, Chromium	SW-846 40306 (Paragon): Vanadium, Cadmium	SW-846 40406 (Paragon): Hexavalent Chromium	SW-846 40506 (Paragon): Mercury	Sample Preservation (Check if YES)	
Core #	Segment #	Sample #																			
0168	DX	XA	1	✓	✓																

Knowingly or willfully falsifying or concealing a material fact on this form, or making false, fictitious or fraudulent statements or representations herein could constitute a felony punishable under Federal Statutes

Field Sampler: Art Samilian / 
 (Print and Sign)

Date: 09/11/07