Los Alamos Environmental Restoration Records Processing Facility

ER Record I.D.# 50716

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LOS ALAMOS NATIONAL LABORATORY
ENVIRONMENTAL RESTORATION
Records Processing Facility
ER Record Index Form
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PAGE COUNT: 2

RECORD CATEGORY (P/R): P

INITIALS: DIC

RECORD PACKAGE NO.: 2560

FILE FOLDER: TA-39 Borehole #51 OU 1132 Data/ Core Sample Log

CORRECTION (Y/N): —

CORRECTED NO.: —

CORRECTED BY: —

AR (Y/N): Y

INITIALS: DIC

AR DESCRIPTION (D/G): —

PRIVILEGED Y/N: N

ELECTRONIC INDEX

INITIALS: KGM

MISCELLANEOUS: OU 1132

34212

This form is subject to change

indfrm 01/18/95

LOS ALAMOS NATIONAL LABORATORY ENVIRONMENTAL RESTORATION PROGRAM

SAMPLE MANAGEMENT FACILITY — CORE SAMPLE LOG

Borehole ID: ASC-1 (abandoned) TA/OU: 39/1132 Drill Depth From: 0.5 ft. To: 80 ft. Page: 1 of: 3
Driller: Stewart Brothers Box (s): Date/Time Start: 6/15/94, 1450 End: 6/21/94, 1115
Drilling Equip./Method: CME 750 Sampling Equip./Method: 4.25 ID HSA, 3.5 ID Continuous Core Sampler

Depth (Feet)	Recovery (Feet/Feet %)	Field Borehole Analytical Sample Number	Field Screening Results	Sample Interval and Run Number	Lithology - Petrology - Soil	Graphic Log	Lithologic Unit	Notes
2.5	100	Surface AAB0718	HNu-ND Rad-110	0.5-2.5 1	Moist, dark brown, medium to fine sand.			Surface sample-0-0.5 foot.
5	48		HNu-ND Rad-92	2.5-5 2	Moist, dark brown, very coarse to medium sand.			
7.5	44		HNu-ND Rad-87	5-7.5 3	Same as above.			
10	68	AAB0719	HNu-ND Rad-89	7.5-10 4	Dark brown, very coarse to coarse sand.			Sample 9.4-10 feet.
12.5	88		HNu-ND Rad-99	10-12.5 5	Same as above, very dense at 12 feet.			
15	46		HNu-ND Rad-90	12.5-15 6	Very coarse sand and gravel, coarser gravel at 14 feet.			
17.5	100		HNu-ND Rad-107	15-17.5 7	15-16.7-Coarse gravel. 16.7-17.5-Becomes finer, dense and silty.			
20	92	AAB0720	HNu-ND Rad-111	17.5-20 8	Very coarse sand and gravel, with clay-gravel layers at 19.2-19.4 feet and 19.5-19.7 feet.			Sample 19.4-20 feet.
22.5	100		HNu-ND Rad-91	20-22.5 9	20-21.6-Gravel layer. 21.6-21.7-Clayey silt layer. 21.7-22-Fine sand. 22-22.5-Clay and gravel layer.			
25	96		HNu-ND Rad-not taken	22.5-25 10	Very coarse pumice sand, well sorted to 24 feet, coarser and denser to 25 feet.			
27.5	96		HNu-ND Rad-79	25-27.5 11	Very coarse sand to gravelly pumice.			

Prepared By: Date: Checked By: Date:

SEP 27 1995

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Driller: Stewart Brothers Box (s): Date/Time Start: 6/15/94, 1450 End: 6/21/94, 1115
Drilling Equip./Method: CME 750 Sampling Equip./Method: 4.25 ID HSA, 3.5 ID Continuous Core Sampler

Depth (Feet)	Recovery (Feet/Feet %)	Field Borehole Analytical Sample Number	Field Screening Results	Sample Interval and Run Number	Lithology - Petrology - Soil	Graphic Log	Lithologic Unit	Notes
27.5	88	AAB0721	HNu-ND Rad-79	27.5-30 12	27.8-29.8-Very coarse pumice sand, wet. 29.8-30-Silt layer.			Sample-29.4-30 feet.
30	96		HNu-ND Rad-93	30-32.5 13	Wet, fine sandy clayey silt.			
32.5	84		HNu-ND Rad-86	32.5-35 14	32.9-34.5-Same as above, becoming coarser with depth. 34.5-35-Coarse sand and cobbles			
35	100		HNu-ND Rad-85	35-37.5 15	35-36.1-Cobble zone. 36.1-37.5-Fine silty sand.			
37.5	80	AAB0722	HNu-ND Rad-77	37.5-40 16	Fine silty sand with gravel, some clay and cobbles, wet.			Sample 39.4-40 feet.
40	100		HNu-ND Rad-97	40-42.5 17	Conglomerate.			
42.5	96		HNu-ND Rad-93	42.5-45 18	42.6-44-Conglomerate. 44-45-Weathered tuff.			
45	60	AAB0723	HNu-ND Rad-104	45-50 19	Weathered Bandelier Tuff.			Sample 49.4-50 feet. Run = 5.0 feet.
50	96		HNu-ND Rad-111	50-52.5 20	Weathered Bandelier Tuff.			
52.5	56		HNu-ND Rad-97	52.5-55 21	Same as above.			
55	80		HNu-ND Rad-104	55-57.5 22	Same as above.			
57.5								

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SAMPLE MANAGEMENT FACILITY — CORE SAMPLE LOG

Borehole ID: ASC-1 (abandoned) TA/OU: 39/1132 Drill Depth From: 0.5 ft. To: 80 ft. Page: 3 of: 3
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Drilling Equip./Method: CME 750 Sampling Equip./Method: 4.25 ID HSA, 3.5 ID Continuous Core Sampler

Depth (Feet)	Recovery (Feet/Feet %)	Field Borehole Analytical Sample Number	Field Screening Results	Sample Interval and Run Number	Lithology - Petrology - Soil	Graphic Log	Lithologic Unit	Notes
57.5	96	AAB0724	HNu-ND Rad-104	57.5-60 23	Weathered Bandelier Tuff with altered mineralization.			Sample-59.4-60 feet.
60	68		HNu-ND Rad-115	60-62.5 24	Same as above.			
62.5	88		HNu-ND Rad-97	62.5-65 25	Same as above.			
65	70	AAB0725	HNu-ND Rad-85	65-70 26	Weathered tuff.			Sample 69.4-70 feet. Run = 5.0 feet.
70	60		HNu-ND Rad-103	70-75 27	Same as above, with consolidated clasts.			Run = 5.0 feet.
75	70	AAB0726	HNu-ND Rad-117	75-80 28	Same as above.			Sample 79.4-80 feet. Run = 5.0 feet.
80					TOTAL DEPTH: 80 FEET			*Casing broke during installation-drillers unable to fish out. Abandon hole by cementing to surface.

Prepared By: Date: Checked By: Date: