Los Alamos Environmental Restoration Records Processing Facility

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ENVIRONMENTAL RESTORATION
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ER Record Index Form
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DATE RECEIVED: 09/27/95 PROCESSOR: DIC

PAGE COUNT: 3

RECORD CATEGORY (P/R): P

INITIALS: DIC

RECORD PACKAGE NO.: 2560

FILE FOLDER: TA-39 Borehole #82 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

34213

The form is subject to change

Indform 01/18/95

LOS ALAMOS NATIONAL LABORATORY ENVIRONMENTAL RESTORATION PROGRAM

SAMPLE MANAGEMENT FACILITY — CORE SAMPLE LOG

Borehole ID: ASC-2 TA/OU: 39/1132
Driller: Stewart Brothers Box (s):
Drilling Equip./Method: CME 750

Drill Depth From: 0.5 ft. To: 80 ft.
Date/Time Start: 6/13/94, 1130 End: 6/15/94, 1145
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	42.5	Surface AAB0707	HNu-ND Rad-92	0.5-2.5 1	Brown, coarse to fine sand and gravel, root material.			Surface sample-0-0.5 feet.
5	35		HNu-ND Rad-87	2.5-5 2	Same as above.			
7.5	28		HNu-ND Rad-91	5-7.5 3	Same as above.			
10	48	AAB0708	HNu-ND Rad-91	7.5-10 4	Coarse to fine sand.			Sample 9-10 feet.
12.5	48		HNu-ND Rad-93	10-12.5 5	Same as above.			
15	40		HNu-ND Rad-103	12.5-15 6	Same as above.			
17.5	32		HNu-ND Rad-109	15-17.5 7	Same as above.			
20	60	AAB0709	HNu-ND Rad-101	17.5-20 8	Dense, brown, coarse to fine sand and gravel with tuff clasts.			Sample 19.3-20 feet.
22.5	36		HNu-ND Rad-94	20-22.5 9	Same as above with cobbles.			
25	100		HNu-ND Rad-74	22.5-25 10	Wet, dense, sandy clayey silt.			
27.5	86		HNu-ND Rad-83	25-27.5 11	Same as above.			
30	80	AAB0710	HNu-2 ND open Rad-74	27.5-30 12	Coarse, sandy clayey silt with cobbles.			Sample 29.1-30 feet.

Prepared By: Date: Checked By: Date:

SEP 27 1995

LOS ALAMOS NATIONAL LABORATORY ENVIRONMENTAL RESTORATION PROGRAM

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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
30	56		HNu-ND Rad-69	30-32.5 13	Coarse to fine silty sand.			
32.5	64		HNu-ND Rad-87	32.5-35 14	33.4-34.5-Coarse sand and tuff clasts. 34.5-35-Coarse silty sand.			
35	0			35-37.5	Hit hard spot at 35 feet. Drilled with center bit from 35 to 37.5 feet.			No recovery, ~14 in. of hard material.
37.5	52	AAB0711	HNu-ND Rad-90	37.5-40 15	Medium brown, sandy clayey silt with pumice and gravel.			Reposition rig. Sample 39.3-40 feet.
40	52		HNu-ND Rad-88	40-42.5 16	Medium brown, silty sand with pumice clasts, weathered tuff and large subrounded pebbles.			
42.5	68		HNu-ND Rad-89	42.5-45 17	43.3-44.7-Light brown, medium to fine silty sand with pumice. 44.7-45-Dacite conglomerate.			
45	60		HNu-ND Rad-91	45-47.5 18	Silty sand conglomerate with dacite and tuff cobbles.			
47.5	100	AAB0712	HNu-ND Rad-111	47.5-50 19	47.5-48.2-Buff silt and pebbles. 48.2-50-Bandelier tuff, weathering increasing with depth.			Sample 49.3-50 feet.
50	68		HNu-ND Rad-104	50-55 20	Very weathered tuff.			
55	58	AAB0713	HNu-ND Rad-108	55-60 21	Bandelier Tuff, very weathered soft zone at 57.5 feet to 58 feet.			Sample 59.5-60 feet.
60								

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Drilling Equip./Method: CME 750

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Date/Time Start: 6/13/94, 1130
Sampling Equip./Method: 4.25 ID HSA, 3.5 ID Continuous Core Sampler

End: 6/15/94, 1145

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
60	68		HNu-ND Rad-111	60-62.5 22	Bandelier Tuff.			
62.5	76		HNu-ND Rad-109	62.5-65 23	Weathered tuff with some pebbles.			
65	42	AAB0714	HNu-ND Rad-106	65-70 24	Same as above.			Sample-69.3-70 feet.
70	80		HNu-ND Rad-110	70-72.5 25	Weathered tuff, very soft at 69.5 feet to 70 feet.			
72.5	88		HNu-ND Rad-107	72.5-75 26	Weathered tuff.			
75	68		HNu-ND Rad-121	75-77.5 27	Same as above.			
77.5	72	AAB0715	HNu-ND Rad-92	77.5-80 30	Same as above.			Sample 79.5-80 feet.
80					TOTAL DEPTH: 80 FEET			

Prepared By: Date: Checked By: Date: