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Environmental Programs
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National Nuclear Security Administration
Los Alamos Site Office, MS A316
Environmental Restoration Program
Los Alamos, New Mexico 87544
(505) 667-4255/FAX (505) 606-2132

Date: **NOV 03 2011**
Refer To: EP2011-0373

John Kieling, Acting Bureau Chief
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building 1
Santa Fe, NM 87505-6303

Subject: Submittal of the Fact Sheets for SCI-3

Dear Mr. Kieling:



Enclosed please find two hard copies with electronic files of the Fact Sheets for SCI-3.

If you have any questions, please contact Ted Ball at (505) 665-3996 (tedball@lanl.gov) or Woody Woodworth at (505) 665-5820 (lance.woodworth@doe.nnsa.gov).

Sincerely,

Sincerely,

Ben G Schappell for MSG
Michael J. Graham, Associate Director
Environmental Programs
Los Alamos National Laboratory

Edin P. Watts for
George J. Rael, Assistant Manager
Environmental Projects Office
Los Alamos Site Office



MG/GR/CD/TB:sm

Enclosures: Two hard copies with electronic files – Fact Sheets for SCI-3 (LA-UR-11-6331)

Cy: (w/enc.)

Neil Weber, San Ildefonso Pueblo
Woody Woodworth, DOE-LASO, MS A316
Ted Ball, EP-CAP, MS M996
RPF, MS M707 (electronic copy)
Public Reading Room, MS M992 (hard copy)

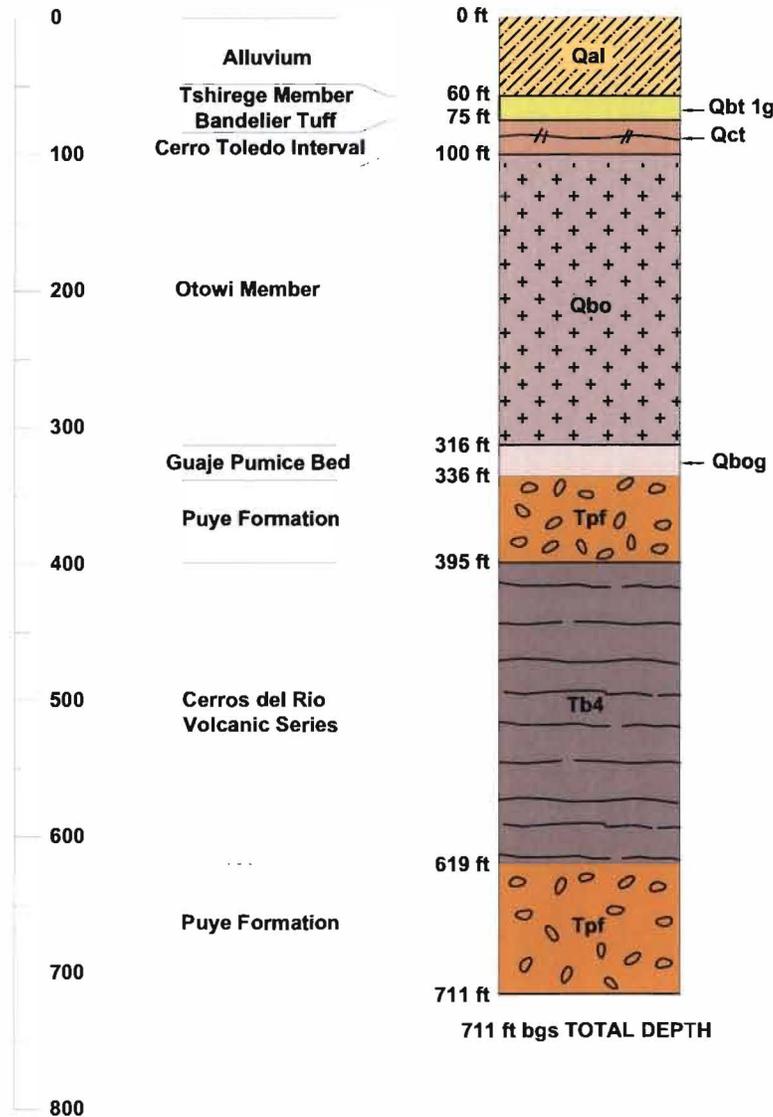
Cy: (Letter and CD and/or DVD only)

Laurie King, EPA Region 6, Dallas, TX
Steve Yanicak, NMED-DOE-OB, MS M894
Hai Shen, DOE-LASO, MS A316
Richard Knapp, Eberline, Los Alamos, NM (w/ MS Word files on CD)
William Alexander, EP-BPS, MS M992

Cy: (w/o enc.)

Tom Skibitski, NMED-OB, Santa Fe, NM (date-stamped letter emailed)
Annette Russell, DOE-LASO (date-stamped letter emailed)
Craig Douglass, EP-CAP, MS M992 (date-stamped letter emailed)
Michael J. Graham, ADEP, MS M991 (date-stamped letter emailed)

DEPTH (FT BGS)



DRILLING INFORMATION

DRILLING COMPANY/PERSONNEL:
 YELLOW JACKET DRILLING
 S. EDWARDS
 Q. STEVENS
 L. McCAULEY
 A. LAMON
 M. PHILLIPS

DRILL RIG:
 FOREMOST DR-24 HD

DRILLING METHOD:
 FLUID ASSISTED AIR ROTARY
 FLUID ASSISTED DUAL ROTARY

DRILLING FLUID TYPE:
 WATER
 AIR
 _____ 0 ft bgs _____ 711 ft bgs
 AQF-2 FOAM
 _____ 58.5 ft bgs _____ 450.0 ft bgs

DRILLING START / FINISH:
 DATE: 9/23/11 TIME: 13:30
 DATE: 10/6/11 TIME: 14:36

GEOLOGISTS:
 EBERLINE
 J. MARIN
 KLEINFELDER
 C. VALLEJO
 D. KRUPICKA
 D. NEIDIGH

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ATTACHED IMAGES:
 ATTACHED XREFS:
 ALBUQUERQUE, NM

PROJECT NO.	120764
DRAWN:	10/26/2011
DRAWN BY:	PD
CHECKED BY:	ELS
FILE NAME:	120764 SCI_3.dwg

SCI-3 WELL SUMMARY DATA SHEET	
BOREHOLE STRATIGRAPHY	
TA-53 LOS ALAMOS NATIONAL LABORATORY LOS ALAMOS, NEW MEXICO	
ORIGINATOR: B. EVERETT	DRAWING CATEGORY: 2
APPROVED BY:	

FIGURE
FACT SHEET

CAD FILE: G:\Environ\120764-Eberline-LANL_Wells\2.0 Tech Info\2.8 - Technical-CADD Figures\SCI-3\ LAYOUT: well schematic PLOTTED: 28 Oct 2011, 4:27pm, PDan

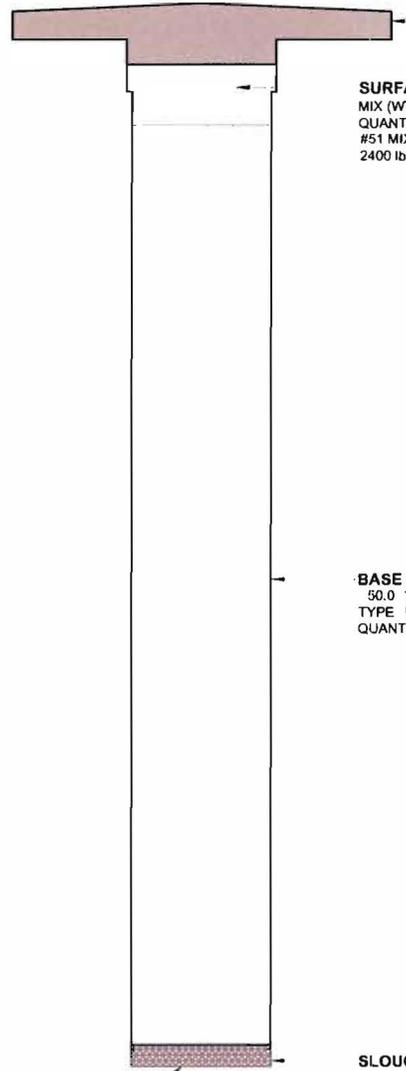
DIAMETER OF BOREHOLE

20.8 (in.)	FROM 0.0	TO 58.5	(ft bgs)
16.0 (in.)	FROM 58.5	TO 93.0	(ft bgs)
16.9 (in.)	FROM 93.0	TO 195.0	(ft bgs)
13.4 (in.)	FROM 195.0	TO 413.0	(ft bgs)
11.9 (in.)	FROM 413.0	TO 711.0	(ft bgs)

SURFACE COMPLETION INFORMATION - PENDING
 PAD INSTALLED TBD
 CHECK FOR SETTLEMENT TBD
 PAD MATERIAL TBD
 REINFORCED WITH TBD
 PAD DIMENSIONS (ft) TBD (L) TBD (W) TBD (H)

ELEVATION (ft amsl)

GROUND SURFACE	TBD
MONUMENT MARKER	TBD



SURFACE SEAL 0.0 TO 50.0 (ft bgs)
 MIX (WT%) CEMENT #51 MIX CEMENT 29% WT CEMENT POURED
 QUANTITY USED 162.0 ft³ CALCULATED 117.5 ft³
 #51 MIX IS EQUIVALENT TO 720 lbs CEMENT, 225 lbs FLY ASH,
 2400 lbs SAND, 55 gal WATER, 62 oz WETTING AGENT

BASE ANNULAR SEAL 50.0 TO 706.7 (ft bgs)
 TYPE 66%-0.375-in. BENTONITE CHIPS / 33% 10/20 SAND TREMIED
 QUANTITY USED 579.1 ft³ CALCULATED 666.7 ft³

BOTTOM OF BORING 711.0 (ft bgs)

SLOUGH 706.7 TO 711.0 (ft bgs)

BACKFILL COMPLETION BEGAN
 DATE 10/08/2011 TIME 00:50
BACKFILL COMPLETION FINISHED
 DATE 10/11/2011 TIME 16:10

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DATA AS OF 10/20/2011

ATTACHED IMAGES:
 ATTACHED XREFS:
 ALBUQUERQUE, NM

	PROJECT NO. 120764	SCI-3 BACKFILL DIAGRAM (AS BUILT) TA-53 LOS ALAMOS NATIONAL LABORATORY LOS ALAMOS, NEW MEXICO	FIGURE
	DRAWN: 10/26/2011		
	DRAWN BY: PD	ORIGINATOR: B. EVERETT DRAWING CATEGORY: 2	FACT SHEET
	CHECKED BY: ELS		
FILE NAME: 120764 SCI_3.dwg	APPROVED BY:		