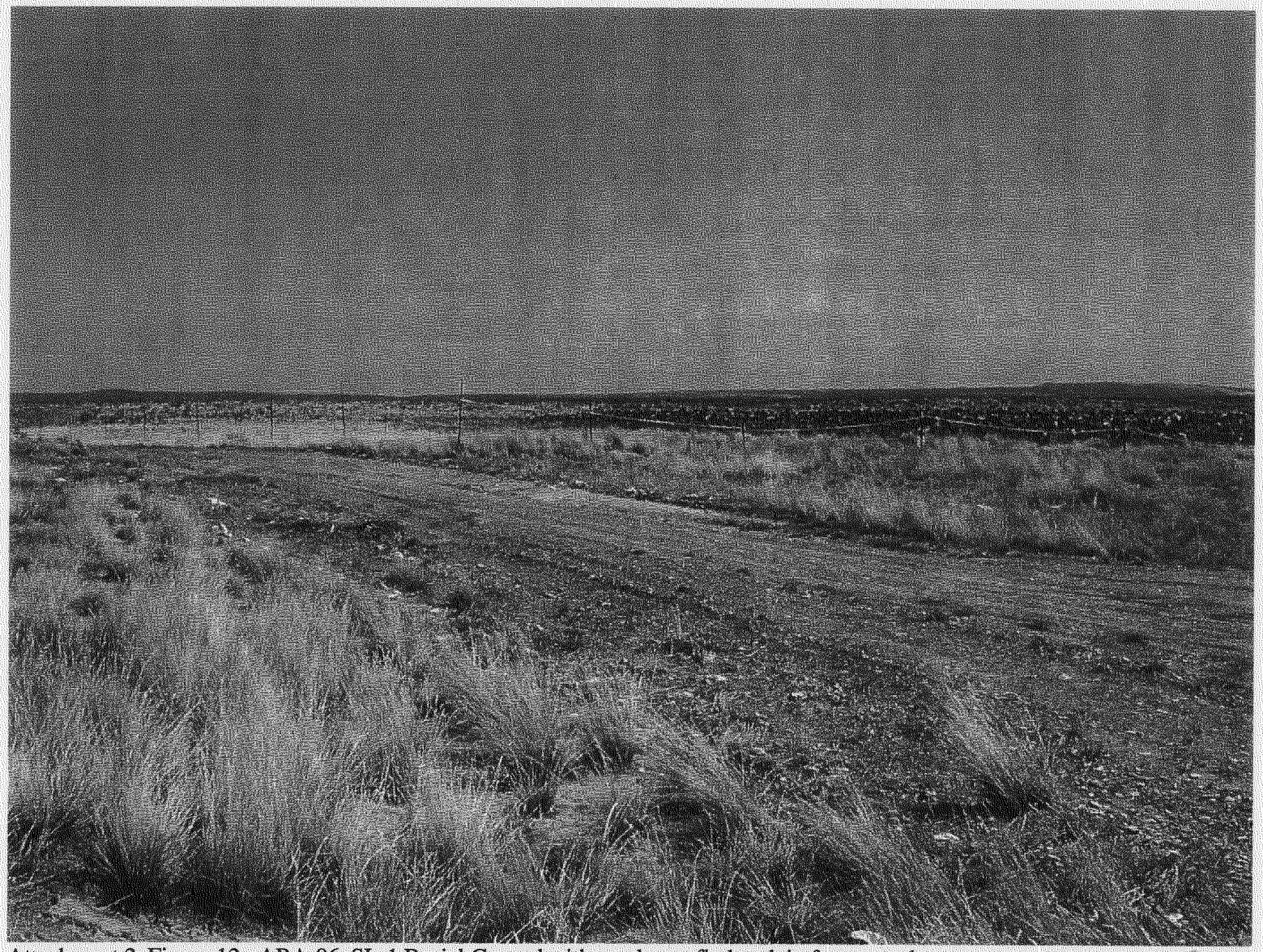


Attachment 2, Figure 12. ARA-06, SL-1 Burial Ground with newly cut firebreak in foreground.

Attachment 3

2001 Annual Inspection Radiological Survey Reports

441.45#
10/10/97
Rev. #03

RADIOLOGICAL SURVEY REPORT

ORIGINAL

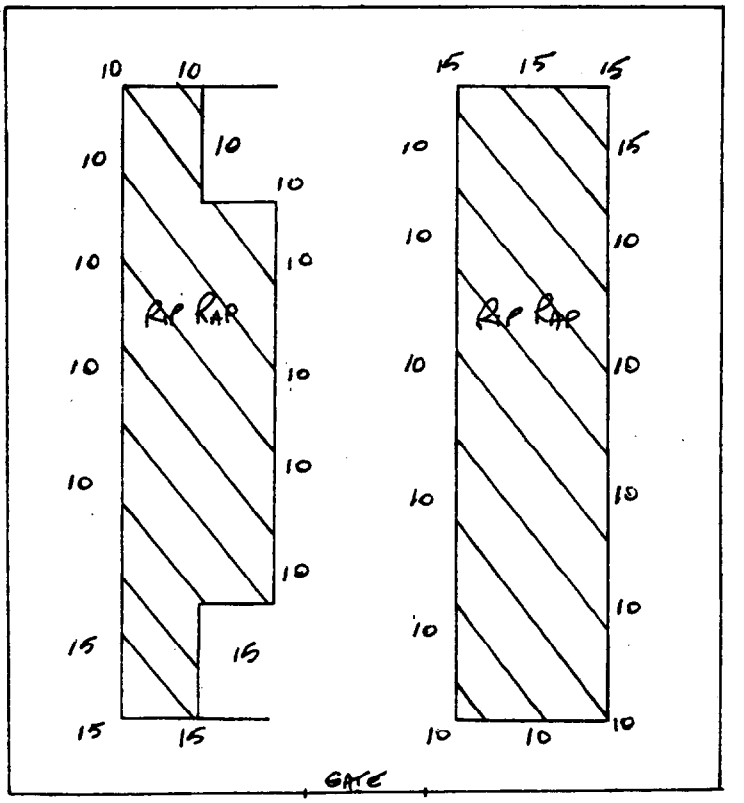
BARCODE # N/A

BLDG.: SL-1	☐ ROUTINE **JOB DESCRIPTION**
AREA/ROOM: SCA	☑ NON ROUTINE (SPECIFY) ☐ FOLLOW UP SPECIAL SURVEY
RWP #: 31001046	COMMENTS: DOSE RATES ARE IN μR/hr.
LOG #: 7	
DATE: 3.29.01	
TIME: 1425	

RCT: RW PEDDREW II / [illegible] III
PRINT/SIGNATURE

REVIEWED BY: [illegible]

SL-1 BURIAL GROUND



441.45#
10/10/97
Rev. #03

RADIOLOGICAL SURVEY REPORT

INSTRUMENTS		
Type	Serial #	Efficiency
		%
		%
		%
Scaler		%βγ
		%α
BICRON	B01453	N/A

SURVEY DATA AND LEGEND

ALL SWIPE, LARGE AREA WIPE (LAW), AND DIRECT SCAN SURVEY LOCATIONS ARE IDENTIFIED ON THE MAP. THOSE LOCATIONS WHERE ACTIVITY IS GREATER THAN OR EQUAL TO THE RADCON MANUAL (RCM) TABLE 2-2 LIMITS* ARE RECORDED BELOW.

SWIPE No.	LAW No.	DIRECT SCAN No.	LOCATION OR ITEM DESCRIPTION	SWIPE/SCAN (dpm/100cm²)		LAW (dpm)	
				βγ	α	βγ	α
*		*	RCM Table 2-2 limits used for this survey.	/	/		

CA	Contamination Area
HCA	High Contamination Area
RA	Radiation Area
HRA	High Radiation Area
VHRA	Very High Radiation Area
RMA	Radioactive Material Area
ARA	Airborne Radioactivity Area
RBA	Radiological Buffer Area
FCA	Fixed Contamination Area
SCA	Soil Contamination Area
URMA	Underground Radioactive Material Area
SOP	Step-Off Pad

-x—x- Radiological Barrier

ALL dose rates are in mrem/hr, unless otherwise noted.

#	General Area Dose Rate
#@#(cm)	Dose Rate at Distance From Source
*#	Contact Dose Rate
#β / #γ	Beta Corrected / Gamma Dose Rates
α	Alpha
β	Beta
γ	Gamma
n	Neutron

□ = Direct Scan

○ = Swipe (Smear)

L = Large Area Wipe (LAW)

△ = Air Sample

⬡ = Tritium Swipe

441.45#
10/10/97
Rev. #03

RADIOLOGICAL SURVEY REPORT

ORIGINAL

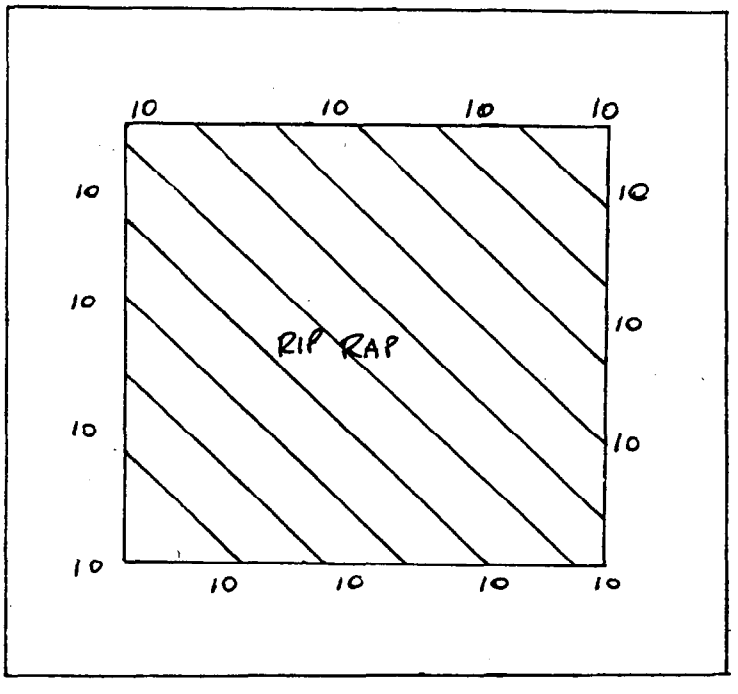
BARCODE # N/A

BLDG.: BORAX 1	☐ ROUTINE **JOB DESCRIPTION**
AREA/ROOM: SCA	☑ NON ROUTINE (SPECIFY) ☐ FOLLOW-UP SPECIAL SURVEY
RWP #: 31001046	COMMENTS: DOSE RATES ARE IN μR/hr
LOG #: 7	
DATE: 3.29.01	
TIME: 1355	

RCT: RWPEDDREW, II / [signature] II
PRINT/SIGNATURE

REVIEWED BY: [signature]

BORAX - 1



441.45#
10/10/97
Rev. #03

RADIOLOGICAL SURVEY REPORT

INSTRUMENTS		
Type	Serial #	Efficiency
		%
		%
		%
Scaler		%βγ
		%α
BIRCRON	801453	N/A

SURVEY DATA AND LEGEND

ALL SWIPE, LARGE AREA WIPE (LAW), AND DIRECT SCAN SURVEY LOCATIONS ARE IDENTIFIED ON THE MAP. THOSE LOCATIONS WHERE ACTIVITY IS GREATER THAN OR EQUAL TO THE RADCON MANUAL (RCM) TABLE 2-2 LIMITS* ARE RECORDED BELOW.

SWIPE No.	LAW No.	DIRECT SCAN No.	LOCATION OR ITEM DESCRIPTION	SWIPE/SCAN (dpm/100cm²)		LAW (dpm)	
				βγ	α	βγ	α
*		*	RCM Table 2-2 limits used for this survey.	/	/		

CA	Contamination Area
HCA	High Contamination Area
RA	Radiation Area
HRA	High Radiation Area
VHRA	Very High Radiation Area
RMA	Radioactive Material Area
ARA	Airborne Radioactivity Area
RBA	Radiological Buffer Area
FCA	Fixed Contamination Area
SCA	Soil Contamination Area
URMA	Underground Radioactive Material Area
SOP	Step-Off Pad

-x—x- Radiological Barrier

ALL dose rates are in mrem/hr, unless otherwise noted.

#	General Area Dose Rate
#@#(cm)	Dose Rate at Distance From Source
"#	Contact Dose Rate
#β / #γ	Beta Corrected / Gamma Dose Rates
α	Alpha
β	Beta
γ	Gamma
n	Neutron

□ = Direct Scan

○ = Swipe (Smear)

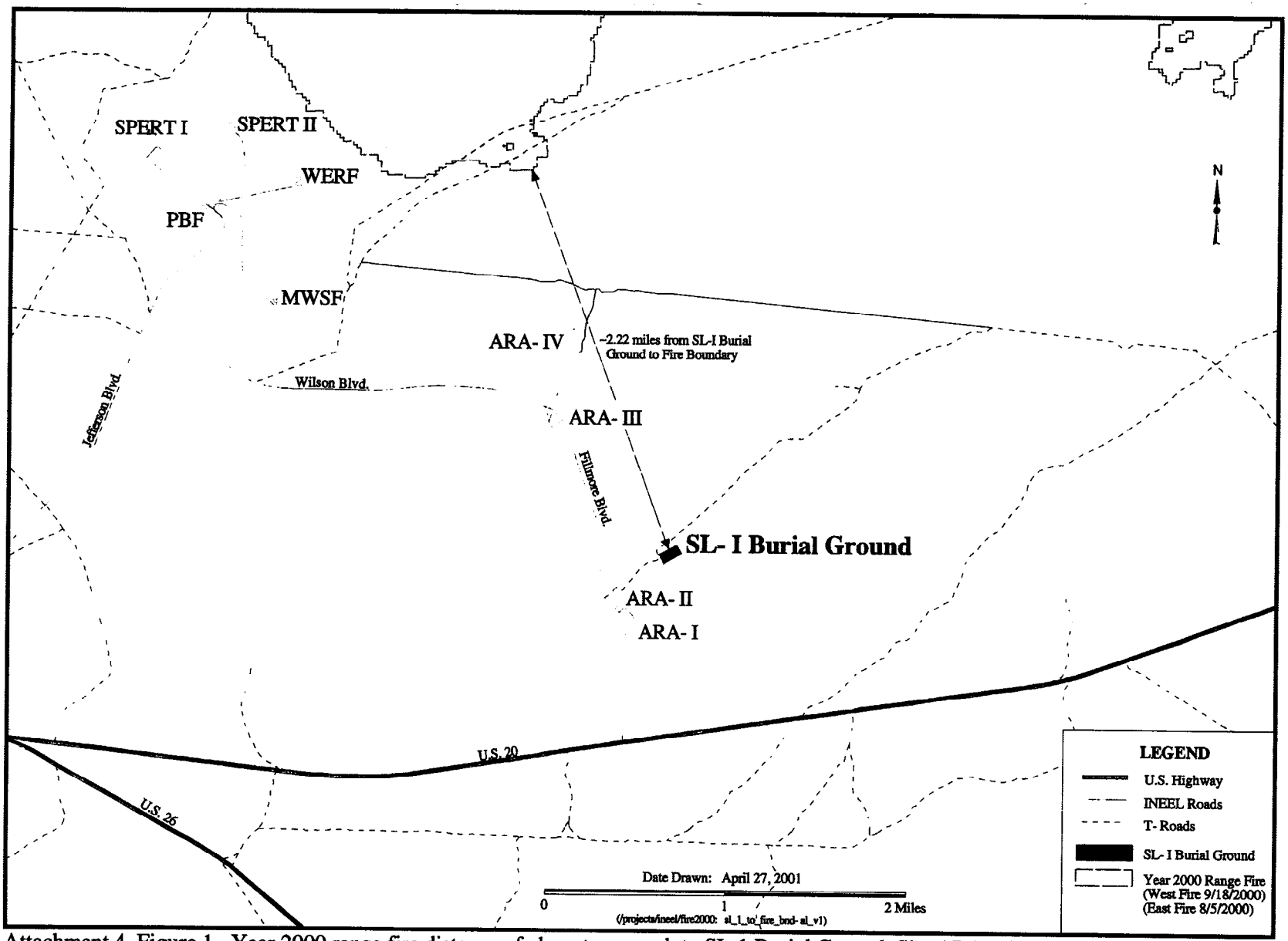
L = Large Area Wipe (LAW)

△ = Air Sample

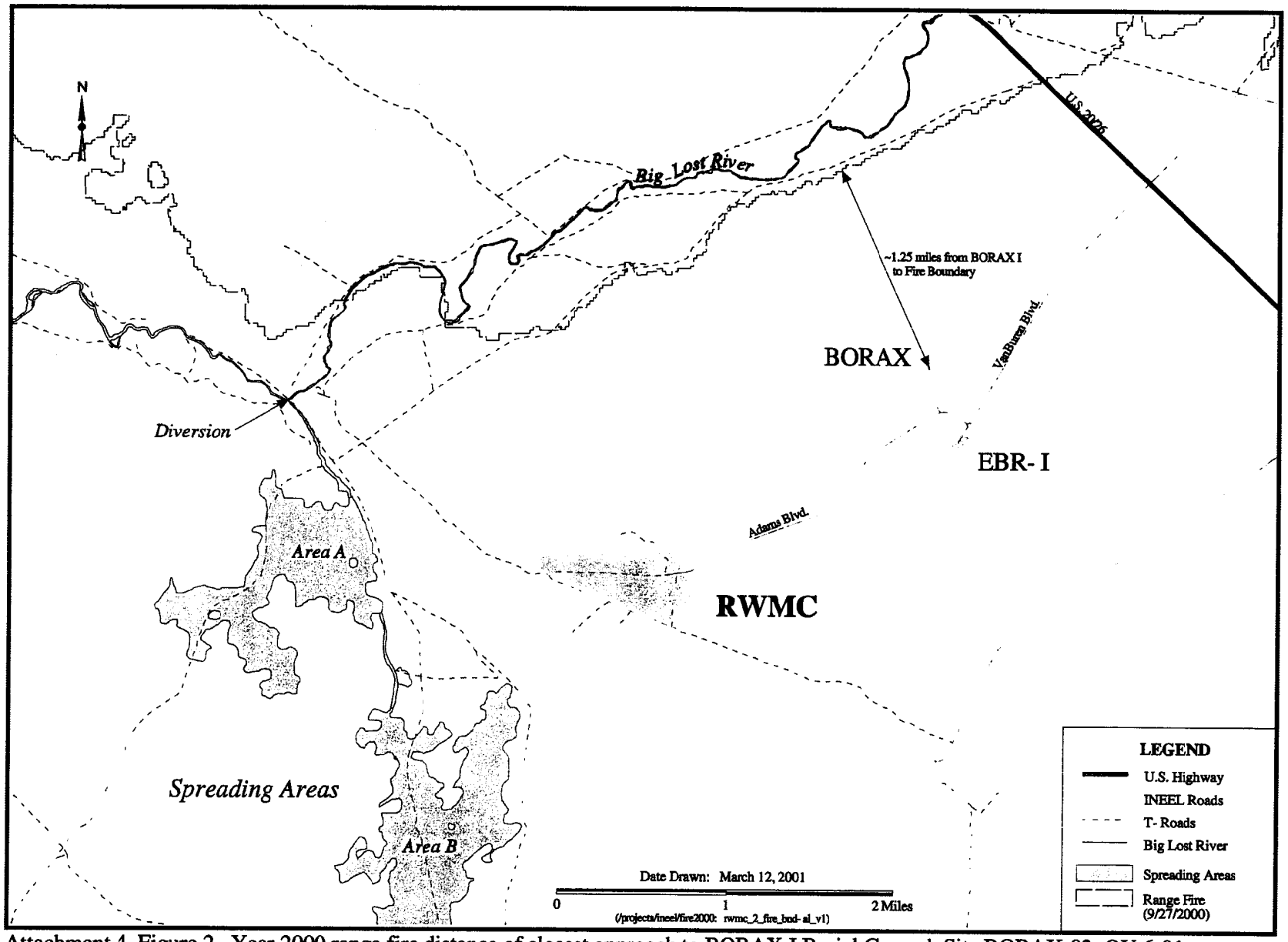
⬡ = Tritium Swipe

Attachment 4

Fire Maps



Attachment 4, Figure 1. Year 2000 range fire distance of closest approach to SL-1 Burial Ground, Site ARA-06, OU 5-05.



Attachment 4, Figure 2. Year 2000 range fire distance of closest approach to BORAX-I Burial Ground, Site BORAX-02, OU 6-01.