To: Bob Gilkeson, Weston

Krueger 1992
ER ID# 2245

From: John Krueger

(4)

Date: Jan. 8 '92

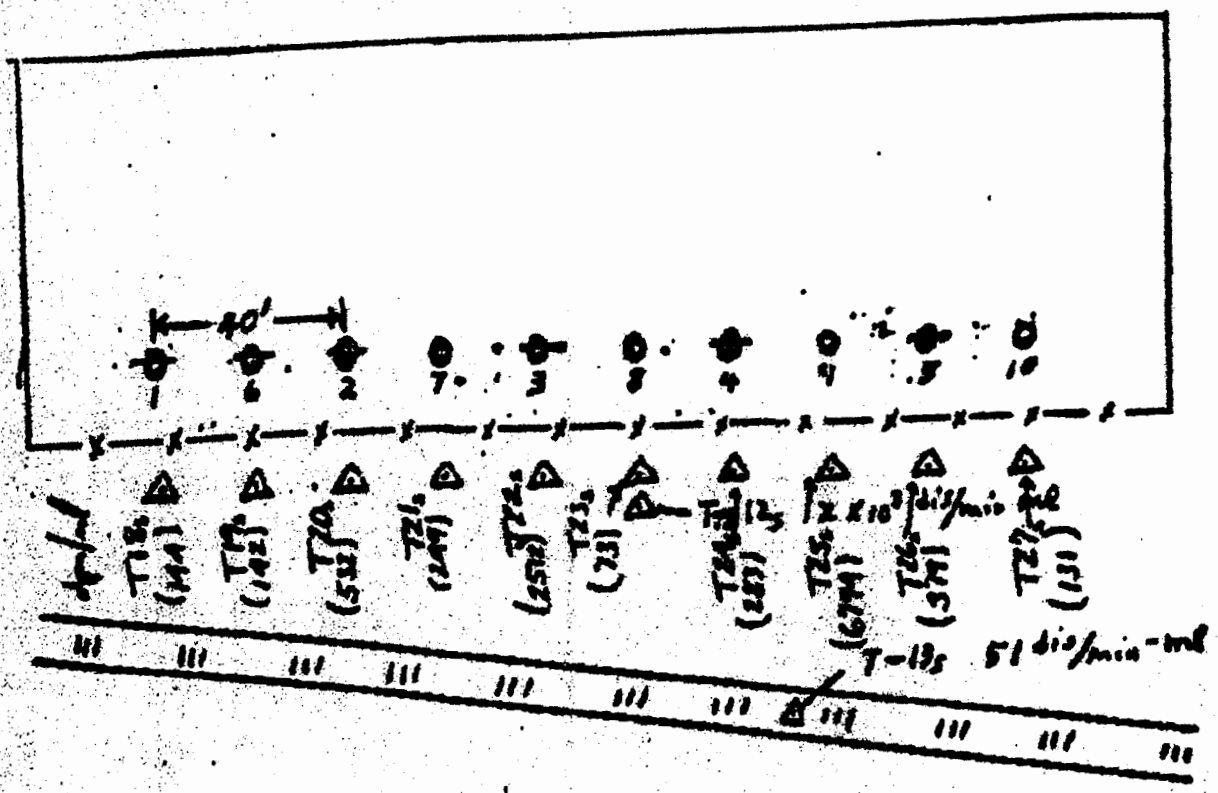
Subject: Aeby memo

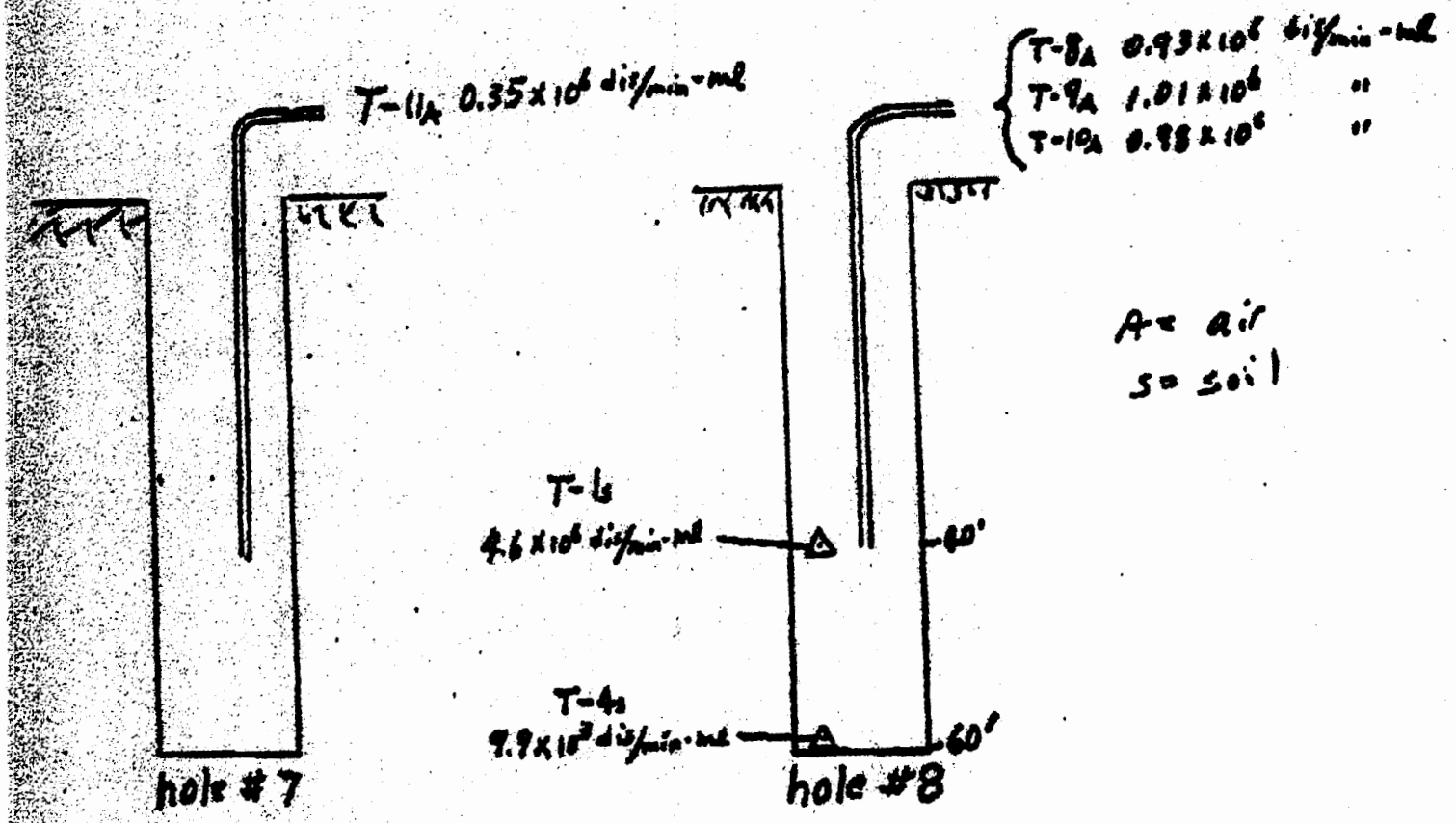
Pages: 5 (including cover)

7276

Received by ER-RPF
MAY 0 6 1992
yfs

08-0042





Soil sample location ▲

Area, background & transpiration samples
@ Area H

9-27-73

SOILS	Tritium content - pC/liter	
Soil @ fence	$7.7900 \times 10^4 \pm 1.8 \times 10^3$	
Soil 20' South of fence	$7.3800 \times 10^4 \pm 1.7 \times 10^3$	
Soil 76' S of fence	$3.0800 \times 10^4 \pm 1.1 \times 10^3$	
Soil 160' S. of fence	$3.400 \times 10^3 \pm 4.0 \times 10^2$	
Background soil	$2.4600 \times 10^4 \pm 7.0 \times 10^2$	
TRANSPIRATION		
Mountain Daisy near Shaft 8	$3.412 \times 10^6 \pm 7.2 \times 10^4$	☆
Weed near Shaft 8	$2.798 \times 10^6 \pm 5.9 \times 10^4$	☆
Pinon 66' East of SW corner of fence	$6.100 \times 10^3 \pm 4.0 \times 10^2$	
Cedar 60' E of SW corner of fence	$2.181 \times 10^6 \pm 4.6 \times 10^4$	☆
Cedar 65' West of SE corner of fence	$1.397 \times 10^6 \pm 3.0 \times 10^4$	☆
Pinon - Background	$2.400 \times 10^3 \pm 3.0 \times 10^2$	
Cedar - Background	$2.300 \times 10^3 \pm 3.0 \times 10^2$	
Background Weeds	$2.000 \times 10^3 \pm 3.0 \times 10^2$	
Background Mountain Daisy	$2.100 \times 10^3 \pm 3.0 \times 10^2$	

Date	Surface	0-1 ft	1-2 ft					
19-73								
10-5-73	$7.9803 \times 10^7 \pm 4.0 \times 10^6$	$1.07694 \times 10^8 \pm 2.3 \times 10^6$	$1.88289 \times 10^8 \pm 4.0 \times 10^6$	$1.19081 \times 10^8 \pm 2.5 \times 10^6$	$7.6287 \times 10^7 \pm 1.6 \times 10^6$	$2.20052 \times 10^8 \pm 4.6 \times 10^6$	$2.70317 \times 10^8 \pm 5.7 \times 10^6$	$1.63318 \times 10^8 \pm 3.7 \times 10^6$
10-18-73	$3.0753 \times 10^7 \pm 6.5 \times 10^5$	$5.4444 \times 10^7 \pm 1.2 \times 10^6$	$8.7683 \times 10^7 \pm 1.9 \times 10^6$	$8.2521 \times 10^7 \pm 1.7 \times 10^6$	$5.4573 \times 10^7 \pm 1.2 \times 10^6$	$1.27797 \times 10^8 \pm 2.7 \times 10^6$	$1.90520 \times 10^8 \pm 4.0 \times 10^6$	$9.3754 \times 10^7 \pm 2.0 \times 10^7$
10-30-73		$7.4870 \times 10^7 \pm 1.6 \times 10^6$	$9.0623 \times 10^7 \pm 1.9 \times 10^6$	$1.00212 \times 10^8 \pm 2.1 \times 10^6$	$8.0497 \times 10^7 \pm 1.7 \times 10^6$	1-4 v $1.11947 \times 10^8 \pm 2.4 \times 10^6$		9.6583×10^7

Ave = 1.18×10^8 pCi/ℓ