

- 1). THE A9-PIT AREA EXPOSURE DATA POINTS COLLECTED BY G.P.S. IN 2002 (14,255 POINTS-NORTH) AND 2004 (24,443 POINTS-SOUTH).
- 2). ALL DATA FROM SCINTILLATION MEASUREMENTS USING A BARE DETECTOR HELD ONE METER ABOVE THE GROUND SURFACE.
- 3). TOPOGRAPHY FROM UMETCO'S 2000 AERIAL.
- 4). THIS MAP REPRESENTS ALL OF THE EXPOSURE DATA COLLECTED IN THE A9-PIT AREA. OF THE 42,956 DATA POINTS COLLECTED, 2,289 (5.3%) WERE REMOVED IN THE AREA OUTSIDE OF THE LIMITS OF THE CLAY RADON BARRIER. ALSO, 1,969 (4.6%) DATA POINTS WERE CONSIDERED EXCESSIVE AND EXCLUDED FROM THE DATA SET.

A9-PIT AREA EXPOSURE READING TABLE

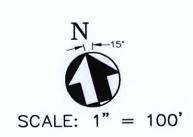
A9-FIT AREA EXI OSORE READING TABLE					
10-METER GRID COLOR LEGEND	G.P.S. GAMMA EXPOSURE SURVEY READING CRITERIA	NUMBER OF EXPOSURE READINGS	PERCENTAGE OF TOTAL READINGS	MEAN OF READINGS $(\mu R/hr)$	
	$\leq$ 30 $\mu$ R/hr	10,401	26.88%	28.6	
	$>$ 30 & $\leq$ 35 $\mu$ R/hr	17,332	44.79%	32.7	
	$>$ 35 & $\leq$ 40 $\mu$ R/hr	7,730	19.97%	37.7	
	$>$ 40 & $\leq$ 45 $\mu$ R/hr	2,817	7.28%	42.4	
	$>$ 45 & $\leq$ 50 $\mu$ R/hr	372	0.96%	47.0	
	> 50 μR/hr	46	0.12%	59.3	
	TOTAL:	38,698	100.00%	33.5	

NO EXPOSURE READINGS WITHIN GRID NUMBER OF EXPOSURE READINGS WITHIN GRID AVERAGE OF READINGS WITHIN GRID ( $\mu$ R/hr) GRID DESIGNATION 10/100 METER VERIFICATION GRID

---- LIMITS OF CLAY RADON BARRIER (±51.5 ACRES)

N 789,000 UMETCO 1000 FOOT SITE GRID 

- G.P.S. GAMMA SURVEY NODE (38,698 THIS SHEET)



UMETCO MINERALS CORPORATION

ONE-METER GAMMA EXPOSURE RATES FOR THE A9-PIT AREA EAST GAS HILLS, WYOMING PLATE 1

MAY, 2005

A9E2.DWG