



- NOTES:**
- 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**

10-METER GRID COLOR LEGEND	G.P.S. GAMMA EXPOSURE SURVEY READING CRITERIA	NUMBER OF EXPOSURE READINGS	PERCENTAGE OF TOTAL READINGS	MEAN OF READINGS (μR/hr)
Green	≤ 30 μR/hr	10,401	26.88%	28.6
Blue	> 30 & ≤ 35 μR/hr	17,332	44.79%	32.7
Yellow	> 35 & ≤ 40 μR/hr	7,730	19.97%	37.7
Orange	> 40 & ≤ 45 μR/hr	2,817	7.28%	42.4
Red	> 45 & ≤ 50 μR/hr	372	0.96%	47.0
	> 50 μR/hr	46	0.12%	59.3
<b>TOTAL:</b>		<b>38,698</b>	<b>100.00%</b>	<b>33.5</b>

- NO EXPOSURE READINGS WITHIN GRID
- NUMBER OF EXPOSURE READINGS WITHIN GRID
- AVERAGE OF READINGS WITHIN GRID (μR/hr)
- GRID DESIGNATION
- 10/100 METER VERIFICATION GRID
- LIMITS OF CLAY RADON BARRIER (±51.5 ACRES)
- UMETCO 1000 FOOT SITE GRID
- 2000 AERIAL CONTOURS (50', 10', 2')
- G.P.S. GAMMA SURVEY NODE (38,698 THIS SHEET)

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 SCALE: 1" = 100'

**UMETCO MINERALS CORPORATION**  
 ONE-METER GAMMA  
 EXPOSURE RATES  
 FOR THE A9-PIT AREA  
 EAST GAS HILLS, WYOMING  
 MAY, 2005 PLATE 1