

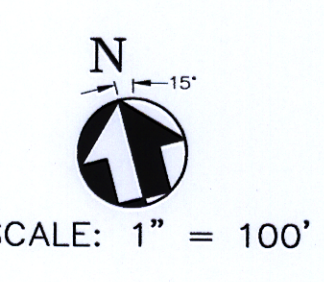
**NOTES:**

- 1). THE A9-PIT AREA SHIELDED EXPOSURE DATA POINTS COLLECTED BY G.P.S. IN 2002 (9,845 POINTS-NORTH) AND 2004 (23,601 POINTS-SOUTH).
- 2). ALL DATA FROM SCINTILLATION MEASUREMENTS USING A SHIELDED DETECTOR HELD ONE METER ABOVE THE GROUND SURFACE.
- 3). TOPOGRAPHY FROM UMETCO'S 2000 AERIAL.
- 4). THIS MAP REPRESENTS ALL OF THE SHIELDED EXPOSURE DATA COLLECTED IN THE A9-PIT AREA. OF THE 36,471 DATA POINTS COLLECTED, 2,303 (6.3%) WERE REMOVED IN THE AREA OUTSIDE OF THE LIMITS OF THE CLAY RADON BARRIER. ALSO, 722 (2.0%) DATA POINTS WERE CONSIDERED EXCESSIVE AND EXCLUDED FROM THE DATA SET.

**A9-PIT AREA SHIELDED 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 ( $\mu\text{R/hr}$ )
Light Green	$\leq 30 \mu\text{R/hr}$	25,811	77.17%	26.8
Medium Green	$> 30 \ \& \ \leq 35 \mu\text{R/hr}$	5,809	17.37%	32.5
Blue	$> 35 \ \& \ \leq 40 \mu\text{R/hr}$	1,670	4.99%	37.3
Orange	$> 40 \ \& \ \leq 45 \mu\text{R/hr}$	134	0.40%	41.7
Red	$> 45 \ \& \ \leq 50 \mu\text{R/hr}$	13	0.04%	47.6
Dark Red	$> 50 \mu\text{R/hr}$	9	0.03%	60.2
<b>TOTAL:</b>		<b>33,446</b>	<b>100.00%</b>	<b>28.4</b>

- NO SHIELDED EXPOSURE READINGS WITHIN GRID
- NUMBER OF SHIELDED EXPOSURE READINGS WITHIN GRID
- AVERAGE OF READINGS WITHIN GRID ( $\mu\text{R/hr}$ )
- GRID DESIGNATION
- 10/100 METER VERIFICATION GRID
- LIMITS OF CLAY RADON BARRIER ( $\pm 51.5$  ACRES)
- UMETCO 1000 FOOT SITE GRID
- 2000 AERIAL CONTOURS (50', 10', 2')
- G.P.S. GAMMA SURVEY NODE (33,446 THIS SHEET)



**UMETCO MINERALS CORPORATION**  
**ONE-METER SHIELDED**  
**GAMMA EXPOSURE RATES**  
**FOR THE A9-PIT AREA**  
**EAST GAS HILLS, WYOMING**  
MAY, 2005 PLATE 2