

LEGEND:

- LIMIT OF NESHAPS CLAY COVER
- G.P.S. GAMMA SURVEY READING
- 7020 SITE CONTOURS (50', 10' & 2')
- - - EXISTING UN-PAVED ACCESS ROAD
- * * * EXISTING SITE FENCING
- + UMETCO SITE COORDINATE GRID

GHP #2 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 ($\mu R/hr$)
Light Blue	$\leq 20 \mu R/hr$	0	0.00%	0.0
Blue	$> 20 \text{ \& } \leq 30 \mu R/hr$	2	0.03%	30.0
Dark Blue	$> 30 \text{ \& } \leq 40 \mu R/hr$	5,850	84.04%	36.7
Orange	$> 40 \text{ \& } \leq 50 \mu R/hr$	1,108	15.92%	42.7
Yellow	$> 50 \text{ \& } \leq 60 \mu R/hr$	1	0.01%	51.0
Red	$> 60 \mu R/hr$	0	0.00%	0.0
TOTAL:		6,961	100.00%	37.7

- 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

NOTES:

- GHP#2 AREA POST RECLAMATION EXPOSURE VERIFICATION DATA COLLECTED ON 10/24/2005 (7464 POINTS).
- ALL DATA FROM SCINTILLATION MEASUREMENTS USING A BARE DETECTOR HELD ONE METER ABOVE THE GROUND SURFACE.
- MAXIMUM GRID AVERAGE = 48 R/hr EXPOSURE. THREE GRIDS AT 48 $\mu R/hr$ EXPOSURE (#453, #635 AND #707). MAXIMUM READING = 51 $\mu R/hr$ EXPOSURE, LOCATED IN GRID #453.
- TOPOGRAPHY FROM THE 6/9/2000 AERIAL SURVEY BY A.M.I. ENGINEERING, INC., LITTLE ROCK, ARKANSAS AND FROM UMETCO'S ENGINEERING DEPARTMENT DESIGN CONTOURS FOR GHP2.

UMETCO MINERALS CORPORATION

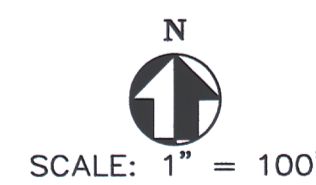
EAST GAS HILLS GHP #2

GAMMA EXPOSURE RATES

NATRONA COUNTY, WYOMING

JANUARY 2006

PLATE 1



DOI