OU4-LEP-01
1.19/ND

OU4-LEP-19
1.35/1.31

OU4-LEP-20
1.50/1.70

OU4-LEP-21
1.66/1.52

OU4-LEP-02
1.20/1.26

OU4-LEP-18
2.17/1.56

OU4-LEP-22
1.89/0.986

OU4-LEP-23
1.55/1.80

OU4-LEP-03
1.64/1.56

OU4-LEP-04
1.26/0.972

OU4-LEP-24
2.56/1.48

OU4-LEP-25
1.14/2.20

OU4-LEP-26
3.92/1.43

OU4-LEP-27
3.68/1.70

OU4-LEP-30
3.65/1.24/0.897

OU4-LEP-28
4.71/1.21

OU4-LEP-05
1.45/1.61

OU4-LEP-29
ND/0.601/1.54

OU4-LEP-31
4.47/1.16/1.45

OU4-LEP-32
1.42/ND/3.17

OU4-UEP-34
24.3/1.88

OU4-UEP-06
1.10/1.17

OU4-FEP-13
1.30/2.03

OU4-UEP-33
16.7/1.27

OU4-UEP-36
12.1/2.71

OU4-FEP-14
5.90/2.29/1.51

OU4-UEP-07
2.68/1.89

OU4-UEP-37
7.01/3.68

OU4-UEP-38
5.09/2.18

OU4-FEP-53
1.22/2.36

OU4-UEP-35
7.65/1.88

OU4-UEP-08
1.04/1.28

OU4-FEP-51
1.25/4.32

OU4-FEP-52
1.19/94.6/1.39

OU4-UEP-39
5.88/2.27

OU4-FEP-15
2.54/1.58

OU4-FEP-50
1.48/78.8/2.40

OU4-UEP-41
13.5/19.4/4.14

OU4-UEP-40
5.72/2.79

OU4-UEP-09
2.20/1.17

OU4-FEP-60
5.38/1.16

OU4-FEP-12
1.38/2.23

OU4-UEP-42
8.86/10.3/1.68

OU4-UEP-43
7.65/1.63

OU4-FEP-16
1.02/1.78

OU4-FEP-49
1.46/24.7/1.82

OU4-FEP-56
6.03/3.60

OU4-FEP-48
1.19/22.9/29.0/3.17

OU4-UEP-44
6.35/3.42

OU4-FEP-59
1.97/1.27

OU4-UEP-45
3.76/4.24

OU4-FEP-57
6.47/1.18

OU4-UEP-10
2.89/1.26

OU4-FEP-58
1.98/0.989

OU4-FEP-55
6.57/2.58

OU4-FEP-17
1.22

OU4-FEP-54
5.35/3.14

OU4-UEP-46
4.61/1.70

OU4-UEP-11
1.28/1.33

OU4-UEP-47
0.845/1.45/1.41

Explanation - Solids Data

Results Presented in pCi/g

53
Pond Sediment Result
(Locations that have 2 pond sediment results indicate areas where pond sediment thickness exceeded 3 feet or there was a visible difference in material type or color.)

1800
VLT Result

20/28
Shallow/Deep Soil Result

Media-specific concentrations are presented in the sequence (top to bottom) that the media were encountered at each sample location.

Explanation

OU4-UEP-07 — Drilled Borehole Location

OU4-FEP-50 — Hand-Core Sample Location

Background Soil Concentration
(Subarea A1)
Radium-228 = 2.24 pCi/g

Notes:
1. Projection: Nevada State Plane, West Zone 1927 North American Datum (Feet)
2. Base Photo Taken October 3, 2001
3. Only Shallow Hydrostratigrahic Zone is Displayed

BROWN AND CALDWELL

Date: Mar 2009

Project: 136742

N W E S

250 0 250 500 FEET

Figure 3-13

Radium-228 Concentration of Solid Materials Evaporation Ponds Area

P:\Arco-Yerington\Evaporation Pond-Sulfide Tailings\136259 - Anaconda Evaporation Ponds\Phase 6 - Data Evaluation and Reporting\CADFigure 3-13 - Soil Results - Radium-228.dwgJun 11, 2009 - 6:20pm rjohnson