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April 5, 2011

Ms. M. Cheryl Heying,
State of Utah-Department of Environmental Quality,
Division of Air Quality
150 North 1950 West
P. O. Box 144820
Salt Lake City, Utah 84114-4820

Re: Notification of Denison Mines (USA) Corp.'s schedule for the 2011 NESHAPS Radon Flux Measurements at the White Mesa Mill.

Dear Ms. Heying:

Denison Mines (USA) Corp. (DUSA) White Mesa Mill will perform its 2011 NESHAPS Radon Flux measurements beginning Monday, June 6, 2011. These measurements will be performed in accordance with methods and procedures set forth in 40 CFR Part 61, Appendix B, Method 115.

Telco Environmental of Grand Junction, Colorado will perform approximately 400 measurements on the beach and cover areas of Tailing Impounds 2 and 3. There will be approximately one hundred (100) canisters placed per day. In the event that there are no rainouts or temperature events that require remobilization or a delay in measurement, this endeavor will conclude on Friday, June 10, 2011.

DUSA will need to provide safety and radiological orientation for any UDEQ personnel observing this event. This orientation is required before an individual enters the White Mesa Mill Restricted Area. Individuals monitoring this event should bring their own safety glasses, hardhats, and steel-toed shoes, as this is mandatory Personal Protective Equipment (PPE) at the White Mesa Mill.

If you have any questions or require further assistance, please call me at (435) 678-2221.

Regards,

A handwritten signature in black ink, appearing to be "DT", written over a white background.

David Turk
Radiation Safety Officer,
White Mesa Mill

DENISON MINES (USA) CORP.

CC: Jo Ann Tischler, DUSA
Central Files



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April 12, 2011

M. Cheryl Heying
Division Director
Utah Department of Environmental Quality
Division of Air Quality
195 North 1950 West
Salt Lake City, Utah
84116-3097

**Re: Response to April 6, 2011 Compliance Advisory White Mesa Mill
40 Code of Federal Regulations, Part 61 Subpart W San Juan County**

Dear Ms. Heying:

This letter responds to the Utah Division of Air Quality ("DAQ") Compliance Advisory letter of April 6, 2011, which Denison Mines (USA) Corp. ("Denison") received on April 11, 2011, regarding the White Mesa Mill National Emission Standards for Hazardous Air Pollutants (NESHAPs) Annual Report for 2010. The Compliance Advisory letter identified one potential deficiency, as follows:

"An inspector from the DAQ reviewed an annual report for Denison Mines (USA) Corporation's White Mesa Mill, per 40 CFR 61.254 for 2010 on April 4, 2011. During a review of the report it was noted that a signed corporate officer certification statement required under 61.254(a)(4) was not included in the submitted report. Failure to certify that the submitted information is true, accurate, and complete is a violation of 40 CFR Part 61.254(a)(4)."

Denison agrees that, per 40 CFR Part 61.254(a)(4), the above certification, signed by a corporate officer, is required on the Annual Report. The 2010 Annual Report, dated March 28, 2011, was submitted during a period when both of the corporate officers who typically sign the above certification were out of town. I prepared and submitted the transmittal letter under my own signature, inadvertently leaving out the required certification by a corporate officer.

In accordance with our conversation with Mr. Jay Morris of DAQ on April 11, 2011 attached is a replacement transmittal letter, dated today, April 12, 2011, which contains the required certification and signature of Mr. David C. Frydenlund, Vice President Regulatory Affairs and Counsel. We hope that this corrected re-submittal is sufficient to address the matter.

Please feel free to call me at 303.389.4132 if you have any further questions on this issue.



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April 12, 2011

M. Cheryl Heying
Division Director
Utah Department of Environmental Quality
Division of Air Quality
195 North 1950 West
Salt Lake City, Utah 84116-3097

**Re: 40 Code of Federal Regulations, Part 61.254, Subpart W Radon Flux Reporting
for the White Mesa Mill**

Dear Ms. Heying:

This transmittal letter refers to the annual reporting for Denison Mines (USA) Corp.'s White Mesa Mill, per 40 CFR 61.254 for 2010. The White Mesa Mill 2010 Annual Report (the "2010 Report") was submitted to the Utah Department of Environmental Quality Division of Air Quality on March 28, 2011. The results of the 2010 testing indicate that the facility was in compliance with the 20 pCi/m²-sec radon emanation standard set out in 40 CFR 61.252(a), based on results of 13.8 pCi/m²-sec and 12.7 pCi/m²-sec for Cells 2 and 3 respectively.

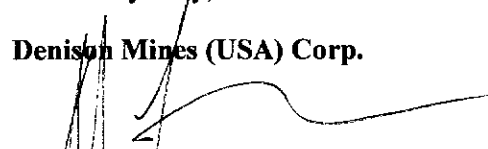
In accordance with the requirement of the NESHAP standard my signature below affirms the following Certification with respect to the 2010 Report, which certification is incorporated by reference in and is a part of the 2010 Report:

"I certify under penalty of law that I have personally examined and am familiar with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment."

If you should have any questions regarding this report please contact Jo Ann Tischler, Denison's Director, Compliance and Permitting (303.389.4132) or David Turk, Radiation Safety Officer (435.678.2221) with any questions you may have.

Yours very truly,

Denison Mines (USA) Corp.


David C. Frydenlund
Vice President, Regulatory Affairs and Counsel



UTAH DEPARTMENT OF
ENVIRONMENTAL QUALITY

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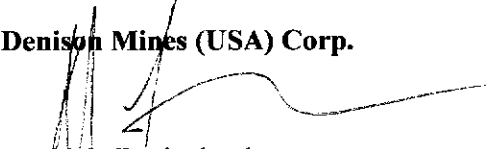
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Yours very truly,

Denison Mines (USA) Corp.


David C. Frydenlund
Vice President, Regulatory Affairs and Counsel



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April 12, 2011

M. Cheryl Heying
Division Director
Utah Department of Environmental Quality
Division of Air Quality
195 North 1950 West
Salt Lake City, Utah
84116-3097

**Re: Response to April 6, 2011 Compliance Advisory White Mesa Mill
40 Code of Federal Regulations, Part 61 Subpart W San Juan County**

Dear Ms. Heying:

This letter responds to the Utah Division of Air Quality ("DAQ") Compliance Advisory letter of April 6, 2011, which Denison Mines (USA) Corp. ("Denison") received on April 11, 2011, regarding the White Mesa Mill National Emission Standards for Hazardous Air Pollutants (NESHAPs) Annual Report for 2010. The Compliance Advisory letter identified one potential deficiency, as follows:

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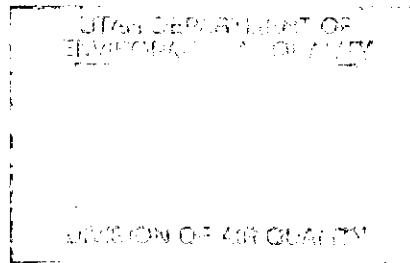
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VIA PDF AND FEDERAL EXPRESS

May 14, 2010

Ms. M. Cheryl Heying
Executive Secretary
Utah Air Quality Board
State of Utah Department of Environmental Quality
168 North 1950 West
Salt Lake City, UT 84114-4850



Re: Notification of Denison Mines (USA) Corporation's Schedule for the 2010 NESHAPS Radon Flux Measurements at the White Mesa Mill.

Dear Ms. Heying:

Denison Mines (USA) Corp.'s (DUSA)'s White Mesa Mill will perform its 2010 NESHAPS Radon Flux measurements beginning Monday, June 14, 2010. These measurements will be performed in accordance with methods and procedures set forth in 40 CFR Part 61, Appendix B, Method 115.

Tellico Environmental of Grand Junction, Colorado will perform approximately 400 measurements on the beach and cover areas of Tailing Impoundments 2 and 3. There will be approximately one hundred (100) canisters placed per day. In the event that there are no rainouts or temperature events that require remobilization or a delay in measurement, this endeavor will conclude on Friday, June 18, 2010.

DUSA will need to provide safety and radiological orientation for any Utah Department of Environmental Quality personnel observing this event. This orientation is required before an individual enters the White Mesa Mill Restricted Area. Individuals monitoring this event should bring their own safety glasses, hardhats, and steel-toed shoes, as this is mandatory Personal Protective Equipment at the White Mesa Mill.

If you have any questions or require further assistance, please contact Mr. Richard Bartlett, Mill Manager; Mr. David Turk, Radiation Safety Officer; or Ryan Palmer at (435) 678-2221.

Yours very truly,

Jo Ann Tischler
Director, Compliance and Permitting

DENISON MINES (USA) CORP.



1120582

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November 2, 2010

Cheryl Heying
Division Director
Utah Department of Environmental Quality
Air Quality Division
195 North 1950 West
Salt Lake City, Utah
84116

Re: White Mesa Mill, Notice of Anticipated Date of Initial Startup of Cell 4B Pursuant to 40 CFR 61.09

Dear Ms. Heying:

Reference is made to the application for approval of modification of an existing source under 40 CFR 61.07 with respect to the construction and operation of a new tailings impoundment, Cell 4B, at Denison Mines (USA) Corp's White Mesa Uranium Mill (the "Mill"), which was submitted to you on April 13, 2010, and to your approval letter dated May 3, 2010.

Please take notice pursuant to 40 CFR 61.09(a)(1) that the anticipated date of initial startup of Cell 4B is currently between December 2, 2010 and January 1, 2011, conditional upon receipt of final approvals from the Executive Secretary of the Utah Radiation Control Board/Co-Executive Secretary of the Utah Water Quality Board.

Please feel free to call me if you have any questions or require any further information

Yours very truly,

A handwritten signature in black ink, appearing to read "Harold R. Roberts".

Harold R. Roberts
Executive Vice President, US Operations

cc: EPA, Region VIII, Attention: Director, Air and Toxics Technical Enforcement Program
Rusty Lundberg, Executive Secretary Utah Radiation Control Board/Co-Executive Secretary Utah
Water Quality Board
David C. Frydenlund
Ron F. Hochstein



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March 28, 2011

Cheryl Heying
Division Director
Utah Department of Environmental Quality
Air Quality Division
150 North 1950 West
Salt Lake City, Utah
84114-4820

Utah Department of Environmental Quality

Division of Air Quality

**Re: 40 Code of Federal Regulations, Part 61.254, Subpart W Radon Flux Reporting
for the White Mesa Mill**

Dear Ms. Heying:

This transmittal letter contains the annual reporting for Denison Mines (USA) Corp.'s White Mesa Mill, per 40 CFR 61.254 for 2010. The results of the 2010 testing indicate that the facility was in compliance with the 20 pCi/m²-sec radon emanation standard set out in 40 CFR 61.252(a), based on results of 13.8 pCi/m²-sec and 12.7 pCi/m²-sec for Cells 2 and 3 respectively.

Please feel free to call me (303.389.4132) or David Turk, Radiation Safety Officer (435.678.2221) with any questions you may have.

Yours very truly,

Denison Mines (USA) Corp.

A handwritten signature in cursive script, appearing to read "Jo Ann Tischler".

Jo Ann Tischler
Director, Compliance and Permitting

Enclosure

cc: Director, Air and Toxics Technical Enforcement Program, US EPA Region VIII
David C. Frydenlund, Denison Mines (USA) Corp.
Harold R. Roberts, Denison Mines (USA) Corp.
David A. Turk, Denison Mines (USA) Corp.

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1. INTRODUCTION

During June 2010, Telco Environmental, LLC (Telco) of Grand Junction, Colorado, provided support to Denison Mines (USA) Corporation (Denison Mines) regarding the required National Emission Standards for Hazardous Air Pollutants (NESHAPs) Radon Flux Measurements. These measurements are required of Denison Mines to show compliance with Federal Regulations. The standard is not an average per facility, but is an average per radon source.

Telco was contracted to provide radon canisters, equipment, and canister placement personnel as well as lab analysis of samples for calendar year 2010. The sampling effort commenced on June 14, 2010. Denison Mines personnel provided support for loading and unloading charcoal from the canisters. This report includes the procedures employed by Denison Mines and Telco to obtain the results presented in Section 9.0 of this report.

2. SITE DESCRIPTION

The White Mesa Millsite facility is located in San Juan County in southeastern Utah, a few miles south of Blanding, Utah. The mill began operations in 1980 for the purpose of extracting uranium and vanadium from feed stocks. Processing effluents from the operation are deposited in four "lined" cells, which vary in depth. Cells 1 and 4A are used for "liquor" storage, while Cells 2 and 3 are used for sand tailings/liquor deposition. The areas tested for radon emanation are representative of the disposition of tailings for the 2010 reporting period. Since the June 2010 sampling event, Denison Mines has received authorization from the Utah Division of Radiation Control to construct a fifth cell, Cell 4B.

Cell 2 has a total area of approximately 270,624 square meters (m^2). This cell was comprised of one region, a soil cover of varying thickness, which required NESHAPs radon flux monitoring. There were no exposed tailings or standing liquid within Cell 2.

Cell 3 has a total area of 288,858 m^2 . This cell was comprised of two source regions that required NESHAPs radon monitoring: at the time of the June 2010 sampling event, approximately 147,251 m^2 of the cell had a soil cover of varying thickness, and approximately 75,556 m^2 of exposed tailings "beaches". The remaining approximately 66,051 m^2 was covered by standing liquid in "low" elevation areas. The standing liquid level was a little higher than in 2009. Raffinate crystals and residue from the repair of the original Cell 4A in 2006 have been placed in Cell 3.

The Cell 2 and Cell 3 cover regions were approximately the same size during the 2010 radon flux sampling as they were for the 2009 sampling program; the standing liquid area in Cell 3 was a little larger. Due to worker health and safety concerns expressed by both Denison Mines and Telco personnel, portions of the unstable and wet beaches and covered areas were not sampled.

3. REGULATORY REQUIREMENTS FOR THE SITE

Radon emissions from the uranium mill tailings piles at this site are regulated by the State of Utah's Division of Radiation Control and administered by the Utah Division of Air Quality under generally applicable standards set by the Environmental Protection Agency (EPA) for Operating Mills.

Applicable regulations are specified in 40 CFR Part 61, Subpart W, National Emission Standards for Radon Emissions from Operating Mill Tailings, with technical procedures in Appendix B. At present, there are no Subpart T uranium mill tailings at this site. These regulations are a subset of the National Emission Standards for Hazardous Air Pollutants (NESHAPs). According to subsection 61.252 Standard, (a) radon-222 emissions to ambient air from an existing uranium mill tailings pile shall not exceed an average of 20 picoCuries per square meter per second (pCi/m²-s) for each pile or region. Subsection 61.253, Determining Compliance, states that: "Compliance with the emission standard in this subpart shall be determined annually through the use of Method 115 of Appendix B." The repaired Cell 4A, and newly constructed Cell 4B, were both constructed after December 15, 1989 and each was constructed with less than 40 acres surface area. Cell 4A and 4B comply with the requirements of 40 CFR 61.252(b), therefore no radon flux measurement is required on either Cell 4A or 4B.

4. SAMPLING METHODOLOGY

Radon emissions were measured using Large Area Activated Charcoal Canisters (canisters) in conformance with 40 CFR, Part 61, Appendix B, Method 115, Restrictions to Radon Flux Measurements, (EPA, 2009). These are passive gas adsorption sampling devices used to determine the flux rate of radon-222 gas from a surface. The canisters were constructed using a 10-inch diameter PVC end cap containing a bed of 180 grams of activated, granular charcoal. The prepared charcoal was placed in the canisters on a support grid on top of a ½ inch thick layer of foam and secured with a retaining ring under 1½ inches of foam (see Figure 1, page 10).

One hundred canisters were placed in each region. Due to worker health and safety concerns, measurement of the wet beach areas was limited to areas readily accessible by foot. Each charged canister was placed directly onto the surface (open face down) and exposed to the surface for 24 hours. Radon gas adsorbed onto the charcoal and the subsequent radioactive decay of the entrained radon resulted in radioactive lead-214 and bismuth-214. These radon progeny isotopes emit characteristic gamma photons that can be detected through gamma spectroscopy. The original total activity of the adsorbed radon was calculated from these gamma ray measurements using calibration factors derived from cross-calibration of standard sources containing known total activities of radium-226 with geometry identical to the counted samples and from the principles of radioactive decay.

After 24 hours, the exposed charcoal was transferred to a sealed plastic sample container (to prevent radon loss and/or further exposure during transport), identified and labeled, and transported to the Tellco laboratory in Grand Junction, Colorado for analysis. Upon completion of on-site activities, the field equipment was alpha- and beta-gamma scanned for possible contamination resulting from fieldwork activities. All field equipment was surveyed by Denison Mines Radiation Safety personnel and released for unrestricted use. Tellco personnel maintained custody of the samples from collection through analysis.

5. FIELD OPERATIONS

5.1 Equipment Preparation

All charcoal was dried at 110°C before use in the field. Unused charcoal and recycled charcoal were treated the same. 180-gram aliquots of dried charcoal were weighed and placed in sample containers.

Proper balance operation was verified daily by checking a standard weight. The balance readout agreed with the known standard weight to within ± 0.1 percent.

After acceptable balance check, empty containers were individually placed on the balance and the scale was re-zeroed with the container on the balance. Unexposed and dried charcoal was carefully added to the container until the readout registered 180 grams. The lid was immediately placed on the container and sealed with plastic tape. The balance was checked for readout drift between readings.

Sealed containers with unexposed charcoal were placed individually in the shielded counting well, with the bottom of the container centered over the detector, and the background count rate was documented. Three five-minute background counts were conducted on ten percent of the containers, selected at random to represent the "batch". If the background counts were too high to achieve an acceptable lower limit of detection (LLD), the entire charcoal batch was labeled non-conforming and recycled through the heating/drying process.

5.2 Sample Locations, Identification, and Placement

Designated sample point locations were established within each region. A sample identification number (ID) was assigned to every sample point, using a sequential alphanumeric system indicating the charcoal batch and physical location within the region (e.g., H01...H100). This ID was written on an adhesive label and affixed to the top of the canister. The sample ID, date, and time of placement were recorded on the radon flux measurements data sheets for the set of one hundred measurements.

The sampling locations were spread out throughout each region. Prior to placing a canister at each sample location, the retaining ring, screen, and foam pad of each canister were removed to expose the charcoal support grid. A pre-measured charcoal charge was selected from a batch, opened and distributed evenly across the support grid. The canister was then reassembled and placed face down on the surface at each sampling location. Care was exercised not to push the device into the soil surface. The canister rim was "sealed" to the surface using a berm of local borrow material.

Five canisters (blanks) for each region were similarly processed and the canisters were kept inside an airtight plastic bag during each 24-hour testing period.

5.3 Sample Retrieval

At the end of the 24-hour testing period, all canisters were disassembled and each sample was individually poured through a funnel into a container. Identification numbers were transferred to the appropriate container, which was sealed and placed in a box for transport. Retrieval date and time were recorded on the same data sheets as the sample placement information. The blank samples were similarly processed.

5.4 Environmental Conditions

A rain gauge and a minimum/maximum thermometer were in place at Denison Mines' site to monitor rainfall and air temperatures during sampling in order to ensure compliance with the regulatory measurement criteria.

In accordance with 40 CFR, Part 61, Appendix B, Method 115:

- Measurements were not initiated within 24 hours of rainfall. Canister H42 became submerged in raffinate liquid from a ruptured distribution line.
- No rainfall occurred during any of the sampling periods.
- None of the radon measurements presented in this report were performed during temperatures below 35°F or on frozen ground (the minimum air temperature recorded at the site during the collection periods was 45°F).

6. SAMPLE ANALYSIS

6.1 Apparatus

Apparatus used for the analysis:

- Single- or multi-channel pulse height analysis system, Ludlum Model 2200 with a Teledyne 3" x 3" sodium iodide, thallium-activated (NaI(Tl)) detector.
- Lead shielded counting well approximately 40 cm deep with 5-cm thick lead walls and a 7-cm thick base and 5 cm thick top.
- National Institute of Standards and Technology (NIST) traceable aqueous solution radium-226 absorbed onto 180 grams of activated charcoal.
- Ohaus Model C501 balance with 0.1-gram sensitivity.

6.2 Sample Inspection and Documentation

Once in the laboratory, the integrity of each charcoal container was verified by visual inspection of the plastic container. Laboratory staff documented damaged or unsealed containers and verified that the data sheet was complete.

Two samples (I07 and J100) were lost due to charcoal spillage in the field and one sample (H42) was lost when it became submerged in raffinate from a ruptured distribution line. All of the remaining 297 sample containers received and inspected at the Telco analytical laboratory were verified as valid.

6.3 Background and Sample Counting

The gamma ray counting system was checked daily, including background and radium-226 source measurements prior to and after each counting session. Based on calibration statistics, using two sources with known radium-226 content, background and source control limits were established for each Ludlum/Teledyne counting system with shielded well (see Appendix A).

Gamma ray counting of exposed charcoal samples included the following steps:

- The length of count time was determined by the activity of the sample being analyzed, according to a data quality objective of a minimum of 1,000 accrued counts for any given sample.

- The sample container was centered on the NaI detector and the shielded well door was closed.
- The sample was counted over a determined count length and then the mid-sample count time, date, and gross counts were documented on the radon flux measurements data sheet and used in the calculations.
- The above steps were repeated for each exposed charcoal sample.
- Approximately 10 percent of the containers counted were selected for recounting. These containers were recounted within a few days following the original count.

7. QUALITY CONTROL (QC) AND DATA VALIDATION

Charcoal flux measurement QC samples included the following intra-laboratory analytical frequency objectives:

- Blanks, 5 percent, and
- Recounts, 10 percent

All sample data were subjected to validation protocols that included assessments of sensitivity, precision, accuracy, and completeness. All method-required data quality objectives (EPA, 2009) were attained.

7.1 Sensitivity

A total of fifteen blanks were analyzed by measuring the radon progeny activity in samples subjected to all aspects of the measurement process, excepting exposure to the source region. These blank sample measurements comprised approximately 5 percent of the field measurements. The results of the blank sample radon flux rates ranged from 0.02 to 0.25 pCi/m²-s, with an average of approximately 0.12 pCi/m²-s.

7.2 Precision

Thirty recount measurements, distributed throughout the sample sets, were performed by replicating analyses of individual field samples (see Appendix B). These recount measurements comprised approximately 10 percent of the total number of samples analyzed. The precision of all recount measurements, expressed as relative percent difference (RPD), ranged from less than 1 percent to 9.2 percent with an overall average precision of approximately 2.7 percent.

7.3 Accuracy

Accuracy of field measurements was assessed daily by counting two laboratory control samples with known Ra-226 content. Accuracy of these lab control sample measurements, expressed as percent bias, ranged from approximately -1.4 percent to +0.9 percent. The arithmetic average bias of the lab control sample measurements was approximately 0.0 percent (see Appendix A).

7.4 Completeness

Ninety-nine samples from the Cell 2 Cover Region were verified, representing 99 percent completeness for that region.

Ninety-nine samples from the Cell 3 Beaches region were verified, representing 99 percent completeness for that region.

Ninety-nine samples from the Cell 3 Covered Region were verified, representing 99 percent completeness for that region.

Altogether, 297 samples from the total 300 sample locations were verified during this sampling program, representing approximately 99.0 percent completeness overall.

8. CALCULATIONS

Radon flux rates were calculated for charcoal collection samples using calibration factors derived from cross-calibration to sources with known total activity with identical geometry as the charcoal containers. A yield efficiency factor was used to calculate the total activity of the sample charcoal containers. Individual field sample result values presented were not reduced by the results of the field blank analyses.

In practice, radon flux rates were calculated by a database computer program. The algorithms utilized by the data base program were as follows:

Equation 8.1:

$$\text{pCi Rn-222/m}^2\text{sec} = \frac{N}{[T_s * A * b * 0.5^{(d/T_{1/2})}]}$$

where: N = net sample count rate, cpm under 220-662 keV peak
T_s = sample duration, seconds
b = instrument calibration factor, cpm per pCi; values used:
0.1729, for M-01/D-21 and
0.1725, for M-02/D-20
d = decay time, elapsed hours between sample mid-time and count mid-time
A = area of the canister, m²

Equation 8.2:

$$\text{Error, } 2\sigma = 2 \times \sqrt{\frac{\text{Gross Sample, cpm} + \text{Background Sample, cpm}}{\text{Sample Count, t, min} + \text{Background Count, t, min}}} \times \text{Sample Concentration}$$

Net, cpm

Equation 8.3:

$$LLD = \frac{2.71 + (4.65)(S_b)}{[T_s \cdot A \cdot b \cdot 0.5^{(d/91.75)}]}$$

- where: 2.71 = constant
4.65 = confidence interval factor
 S_b = standard deviation of the background count rate
 T_s = sample duration, seconds
 b = instrument calibration factor, cpm per pCi; values used:
 0.1729, for M-01/D-21 and
 0.1725, for M-02/D-20
 d = decay time, elapsed hours between sample mid-time and count mid-time
 A = area of the canister, m^2

9. RESULTS

9.1 Mean Radon Flux

Referencing 40 CFR, Part 61, Subpart W, Appendix B, Method 115 - Monitoring for Radon-222 Emissions, Subsection 2.1.7 - Calculations, "the mean radon flux for each region of the pile and for the total pile shall be calculated and reported as follows:

- (a) The individual radon flux calculations shall be made as provided in Appendix A EPA 86(1). The mean radon flux for each region of the pile shall be calculated by summing all individual flux measurements for the region and dividing by the total number of flux measurements for the region.
- (b) The mean radon flux for the total uranium mill tailings pile shall be calculated as follows:

$$J_s = \frac{J_1 A_1 + \dots J_2 A_2 [+ \dots J_i A_i]}{A_t}$$

- Where: J_s = Mean flux for the total pile ($pCi/m^2 \cdot s$)
 J_i = Mean flux measured in region i ($pCi/m^2 \cdot s$)
 A_i = Area of region i (m^2)
 A_t = Total area of the pile (m^2)

2.1.8 Reporting. The results of individual flux measurements, the approximate locations on the pile, and the mean radon flux for each region and the mean radon flux for the total stack [pile] shall be included in the emission test report. Any condition or unusual event that occurred during the measurements that could significantly affect the results should be reported."

9.2 Site Results

Site Specific Sample Results (reference Figure 2 and Appendix C)

(a) The mean radon flux for each region within the site as follows:

$$\text{Cell 2 - Cover Area} = 13.8 \text{ pCi/m}^2\text{-s (based on 270,624 m}^2\text{ area)}$$

$$\text{Cell 3 - Cover Area} = 5.7 \text{ pCi/m}^2\text{-s (based on 147,251 m}^2\text{ area)}$$

$$\text{- Beach Areas} = 37.5 \text{ pCi/m}^2\text{-s (based on 75,556 m}^2\text{ area)}$$

$$\text{- Standing Liquid} = 0 \text{ pCi/m}^2\text{-s (based on 66,051 m}^2\text{ area)}$$

Note: Reference Appendix C of this report for the entire summary of individual measurement results.

(b) Using the data presented above, the calculated mean radon flux for each cell (pile) is, as follows:

$$\text{Cell 2} = 13.8 \text{ pCi/m}^2\text{-s}$$

$$\frac{(13.8)(270,624)}{270,624}$$

$$\text{Cell 3} = 12.7 \text{ pCi/m}^2\text{-s}$$

$$\frac{(5.7)(147,251) + (37.5)(75,556) + (0)(66,051)}{288,858}$$

As shown above, the arithmetic mean radon flux for the each cell at Denison Mines' White Mesa milling facility is below the NRC and EPA standard of 20 pCi/m²-s. No condition or unusual event occurred during the measurements that could significantly affect the reported results. Appendix C is a summary of individual measurement results, including blank sample analysis. Sample locations are depicted on Figure 2, which is included in Appendix D. The map was produced by Telco.

Figure 1
Large Area Activated Charcoal Canisters Diagram

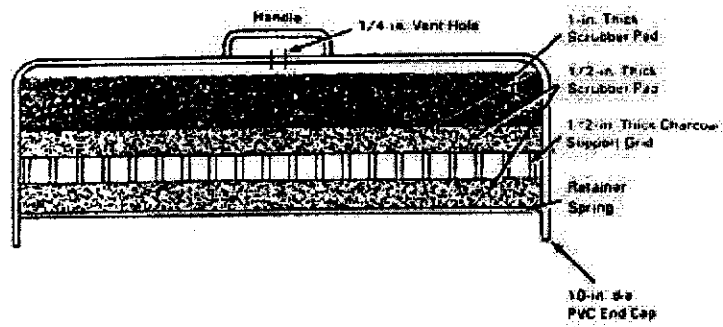


FIGURE 1 Large-Area Radon Collector

ACCURACY APPRAISAL TABLE

DENISON MINES (USA) CORPORATION
 WHITE MESA MILL, BLANDING, UTAH
 2010 NESHAPS RADON FLUX MEASUREMENTS
 CELLS 2 & 3

SYSTEM I.D.	DATE	Bkg Counts (1 min. each)			Source Counts (1 min. each)			AVG NET cpm	YIELD cpm/pCi	FOUND pCi	SOURCE ID	KNOWN pCi	% BIAS
		#1	#2	#3	#1	#2	#3						
M-01/D-21	6/18/2010	139	159	150	10531	10441	10470	10331	0.1729	59753	GS-04	59300	0.8%
M-01/D-21	6/18/2010	134	150	143	10475	10301	10413	10254	0.1729	59306	GS-04	59300	0.0%
M-01/D-21	6/19/2010	118	166	116	10403	10401	10359	10254	0.1729	59308	GS-04	59300	0.0%
M-01/D-21	6/19/2010	155	137	122	10353	10487	10596	10341	0.1729	59807	GS-04	59300	0.9%
M-01/D-21	6/20/2010	138	123	148	10153	10395	10337	10159	0.1729	58755	GS-04	59300	-0.9%
M-01/D-21	6/20/2010	125	152	149	10183	10353	10552	10221	0.1729	59113	GS-04	59300	-0.3%
M-01/D-21	6/18/2010	139	159	150	10300	10242	10359	10151	0.1729	58710	GS-05	59300	-1.0%
M-01/D-21	6/18/2010	134	150	143	10537	10686	10255	10350	0.1729	59863	GS-05	59300	0.9%
M-01/D-21	6/19/2010	118	166	116	10384	10500	10444	10309	0.1729	59626	GS-05	59300	0.5%
M-01/D-21	6/19/2010	155	137	122	10550	10218	10366	10240	0.1729	59225	GS-05	59300	-0.1%
M-01/D-21	6/20/2010	138	123	148	10214	10310	10543	10219	0.1729	59105	GS-05	59300	-0.3%
M-01/D-21	6/20/2010	125	152	149	10237	10356	10481	10216	0.1729	59086	GS-05	59300	-0.4%
M-02/D-20	6/18/2010	157	117	151	10340	10533	10450	10299	0.1725	59706	GS-04	59300	0.7%
M-02/D-20	6/18/2010	132	126	127	10252	10359	10512	10246	0.1725	59397	GS-04	59300	0.2%
M-02/D-20	6/19/2010	124	137	155	10314	10231	10439	10189	0.1725	59069	GS-04	59300	-0.4%
M-02/D-20	6/19/2010	129	140	120	10363	10512	10488	10325	0.1725	59853	GS-04	59300	0.9%
M-02/D-20	6/20/2010	122	134	153	10404	10423	10517	10312	0.1725	59778	GS-04	59300	0.8%
M-02/D-20	6/20/2010	156	131	141	10250	10193	10235	10083	0.1725	58454	GS-04	59300	-1.4%
M-02/D-20	6/18/2010	157	117	151	10523	10432	10303	10278	0.1725	59581	GS-05	59300	0.5%
M-02/D-20	6/18/2010	132	126	127	10317	10520	10266	10239	0.1725	59358	GS-05	59300	0.1%
M-02/D-20	6/19/2010	124	137	155	10469	10168	10334	10185	0.1725	59043	GS-05	59300	-0.4%
M-02/D-20	6/19/2010	129	140	120	10325	10367	10331	10211	0.1725	59196	GS-05	59300	-0.2%
M-02/D-20	6/20/2010	122	134	153	10466	10204	10211	10157	0.1725	58883	GS-05	59300	-0.7%
M-02/D-20	6/20/2010	156	131	141	10316	10373	10439	10233	0.1725	59324	GS-05	59300	0.0%

AVERAGE PERCENT BIAS FOR ALL ANALYTICAL SESSIONS: 0.0%

CLIENT: DENISON MINES PROJECT: RADON FLUX MEASUREMENTS, WHITE MESA MILL PROJECT NO.: 10004.00

PILE: 3 BATCH: H SURFACE: SOIL AIR TEMP MIN: 46°F WEATHER: NO RAIN
 AREA: COVER DEPLOYED: 6 15 10 RETRIEVED: 6 16 10 CHARCOAL BKG: 147 cpm Wt. Out: 180.0 g.
 FIELD TECHNICIANS: WM,MC,CS,DLC COUNTED BY: DLC DATA ENTRY BY: DLC TARE WEIGHT: 29.2 g.
 COUNTING SYSTEM I.D.: M01/D21, M02/D20 CAL. DUE: 6/07/11

RECOUNT CANISTER ANALYSIS:

GRID LOCATION	SAMPLE I.D.	RETRIV HR	ANALYSIS MIN	MID-TIME HR	CNT DA	GROSS YR	GROSS (MIN)	GROSS COUNTS	WT IN	RADON pCi/m ³	± pCi/m ³	LLD pCi/m ³	PRECISION % RPD				
H10	H10	10	56	10	56	6	18	10	17	24	1	7791	218.5	16.1	1.6	0.04	0.0%
RECOUNT	H10	10	56	10	56	6	19	10	11	22	1	6804	218.5	16.1	1.6	0.04	0.0%
H20	H20	10	56	10	55	6	18	10	17	36	2	1493	216.2	1.3	0.1	0.04	7.4%
RECOUNT	H20	10	56	10	55	6	19	10	11	23	2	1412	216.2	1.4	0.1	0.04	7.4%
H30	H30	11	16	11	7	6	18	10	17	48	1	6622	215.4	13.7	1.4	0.04	0.0%
RECOUNT	H30	11	16	11	7	6	19	10	11	25	1	5787	215.4	13.7	1.4	0.04	0.0%
H40	H40	11	6	11	5	6	18	10	18	3	1	2334	213.5	4.6	0.5	0.04	0.0%
RECOUNT	H40	11	6	11	5	6	19	10	11	25	1	2040	213.5	4.6	0.5	0.04	0.0%
H50	H50	11	36	11	31	6	18	10	18	13	1	3671	215.1	7.5	0.8	0.04	1.3%
RECOUNT	H50	11	36	11	31	6	19	10	11	27	1	3332	215.1	7.6	0.8	0.04	1.3%
H60	H60	11	30	11	20	6	18	10	18	32	1	1125	212.6	2.1	0.2	0.04	4.7%
RECOUNT	H60	11	30	11	20	6	19	10	11	27	1	1043	212.6	2.2	0.2	0.04	4.7%
H70	H70	11	45	11	40	6	18	10	18	45	2	1919	216.0	1.7	0.2	0.04	5.7%
RECOUNT	H70	11	45	11	40	6	19	10	11	29	2	1779	216.0	1.8	0.2	0.04	5.7%
H80	H80	11	56	11	44	6	18	10	18	59	1	4092	218.5	8.4	0.8	0.04	1.2%
RECOUNT	H80	11	56	11	44	6	19	10	11	28	1	3584	218.5	8.3	0.8	0.04	1.2%
H90	H90	11	57	11	49	6	18	10	19	6	1	3315	217.2	6.8	0.7	0.04	1.5%
RECOUNT	H90	11	57	11	49	6	19	10	11	31	1	2998	217.2	6.9	0.7	0.04	1.5%
H100	H100	12	0	11	36	6	18	10	19	18	1	1741	218.2	3.4	0.3	0.04	2.9%
RECOUNT	H100	12	0	11	36	6	19	10	11	31	1	1583	218.2	3.5	0.4	0.04	2.9%

AVERAGE PERCENT PRECISION FOR THE CELL 3 COVERED REGION: 2.5%

CLIENT: DENISON MINES PROJECT: RADON FLUX MEASUREMENTS, WHITE MESA MILL PROJECT NO.: 10004.00

PILE: 3 BATCH: 1 SURFACE: TAILINGS AIR TEMP MIN: 45°F WEATHER: NO RAIN

AREA: BEACH DEPLOYED: 6 14 10 RETRIEVED: 6 15 10 CHARCOAL BKG: 145 cpm Wt. Out: 180.0 g.

FIELD TECHNICIANS: WM,MC,CS,DLC COUNTED BY: DLC DATA ENTRY BY: DLC TARE WEIGHT: 29.2 g.

COUNTING SYSTEM I.D.: M01/D21, M02/D20 CAL. DUE: 6/07/11

RECOUNT CANISTER ANALYSIS:

GRID LOCATION	SAMPLE I D	RETRV HR	ANALYSIS HR	MID-TIME MO	CNT DA	GROSS YR	GROSS (MIN)	WT IN	RADON pCi/m ³ s	± pCi/m ³ s	LLD pCi/m ³ s	PRECISION % RPD
110	110	9 33	9 29	6 19	10 11	49	1 10573	223.7	30.7	3.1	0.05	
RECOUNT	110	9 33	9 29	6 20	10 21	17	1 8415	223.7	31.3	3.1	0.07	1.9%
120	120	9 34	9 43	6 19	10 11	57	1 30817	219.5	89.5	9.0	0.05	
RECOUNT	120	9 34	9 43	6 20	10 21	17	1 24451	219.5	91.2	9.1	0.07	1.9%
130	130	9 43	9 49	6 19	10 12	4	1 9790	218.8	28.2	2.8	0.05	
RECOUNT	130	9 43	9 49	6 20	10 21	19	1 7590	218.8	28.0	2.8	0.07	0.7%
140	140	10 6	10 1	6 19	10 12	11	1 4038	223.6	11.5	1.2	0.05	
RECOUNT	140	10 6	10 1	6 20	10 21	19	1 3097	223.6	11.2	1.1	0.07	2.6%
150	150	9 56	9 51	6 19	10 12	19	1 5080	221.8	14.5	1.5	0.05	
RECOUNT	150	9 56	9 51	6 20	10 21	21	1 4093	221.8	14.9	1.5	0.07	2.7%
160	160	9 40	9 44	6 19	10 12	26	1 10863	219.4	31.5	3.2	0.05	
RECOUNT	160	9 40	9 44	6 20	10 21	21	1 8575	219.4	31.7	3.2	0.07	0.6%
170	170	9 33	9 39	6 19	10 12	33	1 15603	219.6	45.4	4.5	0.05	
RECOUNT	170	9 33	9 39	6 20	10 21	23	1 12585	219.6	46.8	4.7	0.07	3.0%
180	180	9 21	9 29	6 19	10 12	44	1 13709	219.3	39.9	4.0	0.05	
RECOUNT	180	9 21	9 29	6 20	10 21	23	1 11063	219.3	41.1	4.1	0.07	3.0%
190	190	9 11	9 24	6 19	10 12	51	1 16173	219.5	47.1	4.7	0.05	
RECOUNT	190	9 11	9 24	6 20	10 21	24	1 12963	219.5	48.1	4.8	0.07	2.1%
1100	1100	9 1	9 19	6 19	10 12	59	1 11898	220.8	34.5	3.5	0.05	
RECOUNT	1100	9 1	9 19	6 20	10 21	24	1 9609	220.8	35.5	3.6	0.07	2.9%

AVERAGE PERCENT PRECISION FOR THE CELL 3 BEACH REGION: 2.1%

CLIENT: DENISON MINES PROJECT: RADON FLUX MEASUREMENTS, WHITE MESA MILL PROJECT NO.: 10004.00

PILE: 2 BATCH: J SURFACE: SOIL AIR TEMP MIN: 48°F WEATHER: NO RAIN

AREA: COVER DEPLOYED: 6 16 10 RETRIEVED: 6 17 10 CHARCOAL BKG: 147 cpm Wt. Out: 180.0 g.

FIELD TECHNICIANS: WM,MC,CS,DLC COUNTED BY: DLC DATA ENTRY BY: DLC TARE WEIGHT: 29.2 g.

COUNTING SYSTEM I.D.: M01/D21, M02/D20 CAL. DUE: 6/07/11

RECOUNT CANISTER ANALYSIS:

GRID LOCATION	SAMPLE I.D.	RETRV HR	ANALYSIS MIN	MID-TIME HR	CNT (MIN)	GROSS COUNTS	GROSS WT IN	RADON pCi/m ³ s	± pCi/m ³ s	LLD pCi/m ³ s	PRECISION % RPD
J10	J10	11 59	12 2	6 18	10 19	35 1	1716	214.4	2.8	0.3	0.03
RECOUNT	J10	11 59	12 2	6 19	10 11	32 1	1528	214.4	2.8	0.3	0.04
J20	J20	12 18	12 13	6 18	10 19	45 1	6292	214.1	10.9	1.1	0.03
RECOUNT	J20	12 18	12 13	6 19	10 11	32 1	5702	214.1	11.1	1.1	0.04
J30	J30	11 59	12 2	6 18	10 19	56 1	7515	219.3	13.1	1.3	0.03
RECOUNT	J30	11 59	12 2	6 19	10 11	34 1	6715	219.3	13.1	1.3	0.04
J40	J40	12 18	12 13	6 18	10 20	9 1	8170	221.1	14.3	1.4	0.03
RECOUNT	J40	12 18	12 13	6 19	10 11	34 1	7268	221.1	14.3	1.4	0.04
J50	J50	12 51	12 41	6 18	10 20	20 1	3793	213.4	6.5	0.7	0.03
RECOUNT	J50	12 51	12 41	6 19	10 11	35 1	3508	213.4	6.7	0.7	0.04
J60	J60	13 2	12 50	6 18	10 20	29 2	1104	218.9	0.73	0.1	0.03
RECOUNT	J60	13 2	12 50	6 19	10 11	36 2	1092	218.9	0.80	0.1	0.04
J70	J70	12 51	12 41	6 18	10 20	40 1	1508	218.1	2.4	0.2	0.03
RECOUNT	J70	12 51	12 41	6 19	10 11	38 1	1428	218.1	2.6	0.3	0.04
J80	J80	13 2	12 50	6 18	10 20	52 1	2527	221.9	4.3	0.4	0.03
RECOUNT	J80	13 2	12 50	6 19	10 11	38 1	2335	221.9	4.4	0.4	0.04
J90	J90	13 16	12 59	6 18	10 21	4 1	17078	221.4	30.5	3.1	0.03
RECOUNT	J90	13 16	12 59	6 19	10 11	39 1	15796	221.4	31.4	3.1	0.04
J99	J99	13 16	12 59	6 18	10 21	25 3	1340	217.7	0.54	0.1	0.03
RECOUNT	J99	13 16	12 59	6 19	10 11	41 3	1307	217.7	0.58	0.1	0.04
AVERAGE PERCENT PRECISION FOR THE CELL 2 COVERED REGION:											
3.4%											

CLIENT: DENISON MINES PROJECT: RADON FLUX MEASUREMENTS, WHITE MESA MILL PROJECT NO.: 10004.00

PILE: 3 BATCH: H SURFACE: SOIL AIR TEMP MIN: 46°F WEATHER: NO RAIN Wt. Out: 180.0 g.

AREA: COVER DEPLOYED: 6 15 10 RETRIEVED: 6 16 10 CHARCOAL BKG: 147 cpm TARE WEIGHT: 29.2 g.

FIELD TECHNICIANS: WM,MC,CS,DLC COUNTED BY: DLC DATA ENTRY BY: DLC

COUNTING SYSTEM I.D.: M01/D21, M02/D20 CAL. DUE: 6/07/11

GRID LOCATION	SAMPLE I.D.	DEPLOY HR	RETRV HR	ANALYSIS MIN	MID-TIME DA	ANALYSIS YR	HR	MIN	ENT (MIN)	GROSS COUNTS	GROSS WT IN	RADON pCi/m ³	LLD pCi/m ³	COMMENTS
H01	H01	10 38	10 47	6 18	10 17	14	1	1231	221.2	2.3	0.2	0.04		
H02	H02	10 40	10 48	6 18	10 17	14	1	2731	217.4	5.4	0.5	0.04		
H03	H03	10 42	10 49	6 18	10 17	17	3	1328	218.5	0.6	0.1	0.04		
H04	H04	10 44	10 50	6 18	10 17	16	1	2897	218.1	5.8	0.6	0.04		
H05	H05	10 46	10 51	6 18	10 17	20	2	1262	213.8	1.0	0.1	0.04		
H06	H06	10 48	10 52	6 18	10 17	20	2	1797	214.2	1.6	0.2	0.04		
H07	H07	10 50	10 53	6 18	10 17	22	2	1649	214.7	1.4	0.1	0.04		
H08	H08	10 52	10 54	6 18	10 17	22	1	5298	219.9	10.8	1.1	0.04		
H09	H09	10 54	10 55	6 18	10 17	24	1	8677	217.5	17.9	1.8	0.04		
H10	H10	10 56	10 56	6 18	10 17	24	1	7791	218.5	16.1	1.6	0.04		
H11	H11	10 38	10 46	6 18	10 17	25	1	1695	215.7	3.2	0.3	0.04		
H12	H12	10 40	10 47	6 18	10 17	25	1	1648	217.8	3.2	0.3	0.04		
H13	H13	10 42	10 48	6 18	10 17	27	2	1763	212.3	1.5	0.2	0.04		
H14	H14	10 44	10 49	6 18	10 17	27	2	1572	217.1	1.3	0.1	0.04		
H15	H15	10 47	10 50	6 18	10 17	30	2	1207	218.1	1.0	0.1	0.04		
H16	H16	10 48	10 51	6 18	10 17	30	2	1466	219.0	1.2	0.1	0.04		
H17	H17	10 50	10 52	6 18	10 17	33	3	1020	215.8	0.4	0.1	0.04		
H18	H18	10 53	10 53	6 18	10 17	31	1	1067	216.4	1.9	0.2	0.04		
H19	H19	10 54	10 54	6 18	10 17	37	4	1181	218.5	0.3	0.0	0.04		
H20	H20	10 56	10 55	6 18	10 17	36	2	1493	216.2	1.3	0.1	0.04		
H21	H21	10 58	10 58	6 18	10 17	40	1	6584	218.5	13.6	1.4	0.04		
H22	H22	11 0	10 59	6 18	10 17	40	1	1497	216.1	2.9	0.3	0.04		
H23	H23	11 2	11 0	6 18	10 17	43	3	1135	219.8	0.5	0.1	0.04		
H24	H24	11 4	11 1	6 18	10 17	43	3	1222	216.1	0.6	0.1	0.04		
H25	H25	11 6	11 2	6 18	10 17	45	1	1163	220.2	2.1	0.2	0.04		
H26	H26	11 8	11 3	6 18	10 17	45	1	4770	216.3	9.8	1.0	0.04		
H27	H27	11 10	11 4	6 18	10 17	47	1	9487	217.1	19.8	2.0	0.04		
H28	H28	11 12	11 5	6 18	10 17	47	1	14410	223.2	30.2	3.0	0.04		
H29	H29	11 14	11 6	6 18	10 17	48	1	4849	213.7	10.0	1.0	0.04		
H30	H30	11 16	11 7	6 18	10 17	48	1	6622	215.4	13.7	1.4	0.04		

CLIENT: DENISON MINES PROJECT: RADON FLUX MEASUREMENTS, WHITE MESA MILL PROJECT NO.: 10004.00

PILE: 3 BATCH: H SURFACE: SOIL AIR TEMP MIN: 46°F WEATHER: NO RAIN
 AREA: COVER DEPLOYED: 6 15 10 RETRIEVED: 6 16 10 CHARCOAL BKG: 147 cpm Wt. Out: 180.0 g.
 FIELD TECHNICIANS: WM, MC, CS, DLC COUNTED BY: DLC DATA ENTRY BY: DLC TARE WEIGHT: 29.2 g.
 COUNTING SYSTEM I.D.: M01/D21, M02/D20 CAL. DUE: 6/07/11

GRID LOCATION	SAMPLE I.D.	DEPLOY		RETRIV		ANALYSIS		MID-TIME		CNT (MIN)	GROSS COUNTS	GROSS WT IN	RADON pCi/m ³	± pCi/m ³	LLD pCi/m ³	COMMENTS
		HR	MIN	HR	MIN	MO	DA	YR	HR							
H31		10	57	10	56	6	18	10	17	50	1	4398	216.7	9.0	0.9	0.04
H32		10	59	10	57	6	18	10	17	51	3	1216	216.1	0.5	0.1	0.04
H33		10	59	10	58	6	18	10	17	53	1	2069	217.7	4.1	0.4	0.04
H34		11	1	11	59	6	18	10	17	54	2	1433	223.0	1.2	0.1	0.04
H35		11	2	11	0	6	18	10	17	57	2	1275	217.2	1.0	0.1	0.04
H36		11	3	11	1	6	18	10	17	57	2	1016	218.2	0.8	0.1	0.04
H37		11	4	11	2	6	18	10	17	59	1	1072	212.9	2.0	0.2	0.04
H38		11	4	11	3	6	18	10	18	0	2	1599	217.0	1.4	0.1	0.04
H39		11	5	11	4	6	18	10	18	3	2	1606	217.4	1.4	0.1	0.04
H40		11	6	11	5	6	18	10	18	3	1	2334	213.5	4.6	0.5	0.04
H41		11	18	11	9	6	18	10	18	4	2	1410	218.0	1.2	0.1	0.04
H42		11	20													submerged
H43		11	22	11	16	6	18	10	18	7	3	1191	214.4	0.5	0.1	0.04
H44		11	24	11	17	6	18	10	18	7	3	1171	209.9	0.5	0.1	0.04
H45		11	26	11	18	6	18	10	18	10	2	1973	220.6	1.8	0.2	0.04
H46		11	28	11	19	6	18	10	18	10	2	1333	214.4	1.1	0.1	0.04
H47		11	30	11	28	6	18	10	18	12	1	1075	216.0	2.0	0.2	0.04
H48		11	32	11	29	6	18	10	18	12	1	1176	217.0	2.2	0.2	0.04
H49		11	34	11	30	6	18	10	18	13	1	1968	216.0	3.8	0.4	0.04
H50		11	36	11	31	6	18	10	18	13	1	3671	215.1	7.5	0.7	0.04
H51		11	8	11	6	6	18	10	18	15	1	2508	219.4	5.0	0.5	0.04
H52		11	9	11	7	6	18	10	18	16	3	1007	215.1	0.4	0.1	0.04
H53		11	10	11	8	6	18	10	18	20	3	1012	211.8	0.4	0.1	0.04
H54		11	11	11	9	6	18	10	18	19	1	2184	218.6	4.3	0.4	0.04
H55		11	12	11	9	6	18	10	18	24	3	1005	221.3	0.4	0.1	0.04
H56		11	20	11	16	6	18	10	18	23	1	2720	215.3	5.5	0.5	0.04
H57		11	22	11	17	6	18	10	18	27	1	2121	217.1	4.2	0.4	0.04
H58		11	26	11	18	6	18	10	18	29	3	1441	223.4	0.7	0.1	0.04
H59		11	26	11	19	6	18	10	18	32	2	1355	217.6	1.1	0.1	0.04
H60		11	30	11	20	6	18	10	18	32	1	1125	212.6	2.1	0.2	0.04

CLIENT: DENISON MINES

PROJECT: RADON FLUX MEASUREMENTS, WHITE MESA MILL

PROJECT NO.: 10004.00

PILE: 3 BATCH: H SURFACE: SOIL AIR TEMP MIN: 46°F WEATHER: NO RAIN
 AREA: COVER DEPLOYED: 6 15 10 RETRIEVED: 6 16 10 CHARCOAL BKG: 147 cpm Wt. Out: 180.0 g.
 FIELD TECHNICIANS: WM,MC,CS,DLC COUNTED BY: DLC DATA ENTRY BY: DLC TARE WEIGHT: 29.2 g.
 COUNTING SYSTEM I.D.: M01/D21, M02/D20 CAL. DUE: 6/07/11

GRID LOCATION	SAMPLE I.D.	DEPLOY HR	RETRV HR	ANALYSIS MIN	MID-TIME MO	TIME DA	CNT YR	GROSS COUNTS	GROSS WT IN	RADON pCi/m ³ s	± pCi/m ³ s	LLD pCi/m ³ s	COMMENTS
H61	H61	11 32	11 21	6 18	10 18	34	1	1370	214.6	2.6	0.3	0.04	
H62	H62	11 35	11 22	6 18	10 18	34	1	1151	215.6	2.1	0.2	0.04	
H63	H63	11 36	11 23	6 18	10 18	37	3	1081	217.8	0.5	0.1	0.04	
H64	H64	11 37	11 24	6 18	10 18	37	2	1630	217.4	1.4	0.1	0.04	
H65	H65	11 38	11 25	6 18	10 18	40	2	1963	218.2	1.8	0.2	0.04	
H66	H66	11 39	11 26	6 18	10 18	40	3	1092	221.8	0.5	0.1	0.04	
H67	H67	11 40	11 27	6 18	10 18	43	2	1636	215.7	1.4	0.1	0.04	
H68	H68	11 41	11 39	6 18	10 18	43	2	1311	216.0	1.1	0.1	0.04	
H69	H69	11 43	11 40	6 18	10 18	45	2	1076	219.0	0.8	0.1	0.04	
H70	H70	11 45	11 40	6 18	10 18	45	2	1919	216.0	1.7	0.2	0.04	
H71	H71	11 44	11 28	6 18	10 18	48	2	1311	219.7	1.1	0.1	0.04	
H72	H72	11 46	11 29	6 18	10 18	48	2	1166	216.3	0.9	0.1	0.04	
H73	H73	11 47	11 30	6 18	10 18	51	3	1414	217.6	0.7	0.1	0.04	
H74	H74	11 48	11 31	6 18	10 18	50	1	1370	216.1	2.6	0.3	0.04	
H75	H75	11 51	11 32	6 18	10 18	54	1	16852	219.4	35.8	3.6	0.04	
H76	H76	11 53	11 33	6 18	10 18	54	1	12873	220.1	27.3	2.7	0.04	
H77	H77	11 53	11 43	6 18	10 18	56	2	1585	213.6	1.4	0.1	0.04	
H78	H78	11 54	11 43	6 18	10 18	56	1	4131	214.0	8.5	0.9	0.04	
H79	H79	11 55	11 44	6 18	10 18	59	2	1777	215.0	1.6	0.2	0.04	
H80	H80	11 56	11 44	6 18	10 18	59	1	4092	218.5	8.4	0.8	0.04	
H81	H81	11 57	11 45	6 18	10 19	1	1	1102	216.2	2.0	0.2	0.04	
H82	H82	11 58	11 45	6 18	10 19	1	1	2699	223.0	5.5	0.5	0.04	
H83	H83	11 59	11 46	6 18	10 19	2	1	4153	221.7	8.5	0.9	0.04	
H84	H84	12 0	11 46	6 18	10 19	2	1	13962	210.4	29.6	3.0	0.04	
H85	H85	12 1	11 47	6 18	10 19	3	1	5435	217.5	11.3	1.1	0.04	
H86	H86	11 53	11 47	6 18	10 19	3	1	13230	220.6	27.8	2.8	0.04	
H87	H87	11 54	11 48	6 18	10 19	5	1	2514	215.5	5.0	0.5	0.04	
H88	H88	11 55	11 48	6 18	10 19	5	1	3365	222.8	6.9	0.7	0.04	
H89	H89	11 56	11 49	6 18	10 19	6	1	4508	218.7	9.3	0.9	0.04	
H90	H90	11 57	11 49	6 18	10 19	6	1	3315	217.2	6.8	0.7	0.04	

CLIENT: DENISON MINES PROJECT: RADON FLUX MEASUREMENTS, WHITE MESA MILL PROJECT NO.: 10004.00

PILE: 3 BATCH: H SURFACE: SOIL AIR TEMP MIN: 46°F WEATHER: NO RAIN
AREA: COVER DEPLOYED: 6 15 10 RETRIEVED: 6 16 10 CHARCOAL BKG: 147 cpm Wt. Out: 180.0 g.
FIELD TECHNICIANS: WM,MC,CS,DLC COUNTED BY: DLC DATA ENTRY BY: DLC TARE WEIGHT: 29.2 g.
COUNTING SYSTEM I.D.: M01/D21, M02/D20 CAL. DUE: 6/07/11

GRID LOCATION	SAMPLE I.D.	DEPLOY HR	RETRV HR	ANALYSIS MIN	MID-TIME HR	CNT (MIN)	GROSS COUNTS	GROSS WT IN	RADON pCi/m ³	± pCi/m ³	LLD pCi/m ³	COMMENTS
H91	H91	11 58	11 50	6 18	10 19	8 1	29362	213.6	62.1	6.2	0.04	
H92	H92	11 59	11 50	6 18	10 19	8 1	4895	220.6	10.1	1.0	0.04	
H93	H93	12 0	11 51	6 18	10 19	11 3	1288	216.6	0.6	0.1	0.04	
H94	H94	12 6	11 42	6 18	10 19	11 2	1955	216.8	1.8	0.2	0.04	
H95	H95	12 5	11 41	6 18	10 19	14 1	2996	219.9	6.1	0.6	0.04	
H96	H96	12 4	11 40	6 18	10 19	14 1	3473	213.3	7.2	0.7	0.04	
H97	H97	12 3	11 39	6 18	10 19	16 2	1740	219.0	1.6	0.2	0.04	
H98	H98	12 2	11 38	6 18	10 19	16 1	3474	217.3	7.2	0.7	0.04	
H99	H99	12 1	11 37	6 18	10 19	18 2	1677	215.6	1.5	0.1	0.04	
H100	H100	12 0	11 36	6 18	10 19	18 1	1741	218.2	3.4	0.3	0.04	
AVERAGE RADON FLUX RATE FOR THE CELL 3 COVERED REGION:										5.7	pCi/m ³	

BLANK CANISTER ANALYSIS:

GRID LOCATION	SAMPLE I.D.	DEPLOY HR	RETRV HR	ANALYSIS MIN	MID-TIME HR	CNT (MIN)	GROSS COUNTS	GROSS WT IN	RADON pCi/m ³	± pCi/m ³	LLD pCi/m ³	COMMENTS
H BLANK 1	H BLANK 1	10 30	10 41	6 19	10 10	5 10	1997	211.7	0.13	0.03	0.04	CONTROL
H BLANK 2	H BLANK 2	10 30	10 41	6 19	10 10	5 10	1923	209.6	0.11	0.03	0.04	CONTROL
H BLANK 3	H BLANK 3	10 30	10 41	6 19	10 10	16 10	2000	208.9	0.13	0.03	0.04	CONTROL
H BLANK 4	H BLANK 4	10 30	10 41	6 19	10 10	16 10	1891	209.3	0.10	0.03	0.04	CONTROL
H BLANK 5	H BLANK 5	10 30	10 41	6 19	10 10	27 10	1805	209.4	0.08	0.03	0.04	CONTROL
AVERAGE BLANK CANISTER ANALYSIS FOR THE CELL 3 COVERED REGION:										0.11	pCi/m ³	

CLIENT: DENISON MINES PROJECT: RADON FLUX MEASUREMENTS, WHITE MESA MILL PROJECT NO.: 10004.00

PILE: 3 BATCH: 1 SURFACE: TAILINGS AIR TEMP MIN: 45°F WEATHER: NO RAIN

AREA: BEACH DEPLOYED: 6 14 10 RETRIEVED: 6 15 10 CHARCOAL BKG: 145 cpm Wt Out: 180.0 g.

FIELD TECHNICIANS: WM, MC, CS, DLC COUNTED BY: DLC DATA ENTRY BY: DLC TARE WEIGHT: 29.2 g.

COUNTING SYSTEM I.D.: M01/D21, M02/D20 CAL. DUE: 6/07/11

GRID LOCATION	SAMPLE I.D.	DEPLOY HR	RETRV MIN	ANALYSIS MIN	MID-TIME HR	CNT MODA	GROSS WT IN	RADON pCi/m ³ s	LLD pCi/m ³ s	COMMENTS
101	101	9 27 9	26 6 19 10 11	43 1	12852	219.8	37.2	3.7	0.05	
102	102	9 28 9	26 6 19 10 11	43 1	14492	223.1	42.2	4.2	0.05	
103	103	9 28 9	26 6 19 10 11	44 1	30474	219.7	88.9	8.9	0.05	
104	104	9 29 9	27 6 19 10 11	44 1	13326	221.4	38.7	3.9	0.05	
105	105	9 30 9	27 6 19 10 11	46 1	14212	226.5	41.3	4.1	0.05	
106	106	9 30 9	27 6 19 10 11	46 1	3089	223.8	8.7	0.9	0.05	
107	107	9 31 9	28							spilled
108	108	9 32 9	28 6 19 10 11	48 1	16025	223.5	46.7	4.7	0.05	
109	109	9 32 9	29 6 19 10 11	49 1	6378	222.6	18.3	1.8	0.05	
110	110	9 33 9	29 6 19 10 11	49 1	10573	223.7	30.7	3.1	0.05	
111	111	9 34 9	29 6 19 10 11	51 1	11924	228.3	34.6	3.5	0.05	
112	112	9 34 9	30 6 19 10 11	51 1	11718	225.1	34.1	3.4	0.05	
113	113	9 35 9	30 6 19 10 11	52 1	25711	224.2	75.1	7.5	0.05	
114	114	9 36 9	30 6 19 10 11	52 1	28631	223.4	84.0	8.4	0.05	
115	115	9 37 9	31 6 19 10 11	54 1	13225	222.4	38.5	3.8	0.05	
116	116	9 37 9	31 6 19 10 11	54 1	25167	222.4	73.8	7.4	0.05	
117	117	9 31 9	41 6 19 10 11	55 1	13015	224.4	37.4	3.7	0.05	
118	118	9 32 9	42 6 19 10 11	55 1	15139	221.3	43.7	4.4	0.05	
119	119	9 33 9	42 6 19 10 11	57 1	14742	223.2	42.5	4.2	0.05	
120	120	9 34 9	43 6 19 10 11	57 1	30817	219.5	89.5	8.9	0.05	
121	121	9 35 9	43 6 19 10 11	58 1	13961	227.5	40.2	4.0	0.05	
122	122	9 36 9	44 6 19 10 11	58 1	19814	218.3	57.4	5.7	0.05	
123	123	9 36 9	31 6 19 10 12	0 1	42469	234.0	124.5	12.4	0.05	
124	124	9 37 9	44 6 19 10 12	0 1	20593	220.7	59.7	6.0	0.05	
125	125	9 38 9	45 6 19 10 12	1 1	11122	218.7	32.0	3.2	0.05	
126	126	9 39 9	46 6 19 10 12	1 1	11574	217.6	33.4	3.3	0.05	
127	127	9 40 9	46 6 19 10 12	3 1	10456	218.4	30.1	3.0	0.05	
128	128	9 41 9	47 6 19 10 12	3 1	7500	218.1	21.5	2.1	0.05	
129	129	9 42 9	48 6 19 10 12	4 1	7241	219.4	20.7	2.1	0.05	
130	130	9 43 9	49 6 19 10 12	4 1	9790	218.8	28.2	2.8	0.05	

CLIENT: DENISON MINES PROJECT: RADON FLUX MEASUREMENTS, WHITE MESA MILL PROJECT NO.: 10004.00

PILE: 3 BATCH: 1 SURFACE: TAILINGS AIR TEMP MIN: 45°F WEATHER: NO RAIN
 AREA: BEACH DEPLOYED: 6 14 10 RETRIEVED: 6 15 10 CHARCOAL BKG: 145 cpm Wt. Out: 180.0 g.
 FIELD TECHNICIANS: WM, MC, CS, DLC COUNTED BY: DLC DATA ENTRY BY: DLC TARE WEIGHT: 29.2 g.
 COUNTING SYSTEM I.D.: M01/D21, M02/D20 CAL. DUE: 6/07/11

GRID LOCATION	SAMPLE I.D.	DEPLOY		RETRIV		ANALYSIS		MID-TIME HR	CNT (MIN)	GROSS COUNTS	GROSS WT IN	RADON		LLD		
		HR	MIN	HR	MIN	PCi/m ³	PCi/m ³					PCi/m ³	PCi/m ³			
131	131	10	0	9	57	6	19	10	12	6	1	8766	224.8	25.3	2.5	0.05
132	132	10	1	9	57	6	19	10	12	6	1	9321	223.2	27.0	2.7	0.05
133	133	10	2	9	57	6	19	10	12	7	1	3690	220.9	10.4	1.0	0.05
134	134	10	3	9	58	6	19	10	12	7	1	7624	221.3	22.0	2.2	0.05
135	135	10	3	9	58	6	19	10	12	8	1	5966	218.1	17.1	1.7	0.05
136	136	10	4	9	58	6	19	10	12	8	1	5227	225.0	15.0	1.5	0.05
137	137	10	4	9	59	6	19	10	12	10	1	4642	223.3	13.2	1.3	0.05
138	138	10	5	9	59	6	19	10	12	10	1	3444	218.4	9.7	1.0	0.05
139	139	10	5	10	0	6	19	10	12	11	1	6776	223.9	19.5	1.9	0.05
140	140	10	6	10	1	6	19	10	12	11	1	4038	223.6	11.5	1.1	0.05
141	141	10	6	10	1	6	19	10	12	13	1	8942	222.7	25.8	2.6	0.05
142	142	10	6	10	2	6	19	10	12	13	1	4946	217.1	14.1	1.4	0.05
143	143	10	3	9	57	6	19	10	12	14	1	24976	219.1	73.0	7.3	0.05
144	144	10	2	9	56	6	19	10	12	14	1	29814	220.7	87.4	8.7	0.05
145	145	10	1	9	56	6	19	10	12	16	1	12921	221.8	37.5	3.8	0.05
146	146	10	0	9	55	6	19	10	12	16	1	10252	218.6	29.8	3.0	0.05
147	147	9	59	9	54	6	19	10	12	17	1	4369	224.5	12.4	1.2	0.05
148	148	9	58	9	53	6	19	10	12	17	1	12119	222.5	35.3	3.5	0.05
149	149	9	57	9	52	6	19	10	12	19	1	4661	227.6	13.3	1.3	0.05
150	150	9	56	9	51	6	19	10	12	19	1	5080	221.8	14.5	1.5	0.05
151	151	9	46	9	50	6	19	10	12	20	1	6593	219.1	18.9	1.9	0.05
152	152	9	45	9	49	6	19	10	12	20	1	16407	218.2	47.7	4.8	0.05
153	153	9	44	9	49	6	19	10	12	22	1	11459	222.2	33.1	3.3	0.05
154	154	9	44	9	48	6	19	10	12	22	1	19723	225.0	57.4	5.7	0.05
155	155	9	43	9	48	6	19	10	12	23	1	18801	222.1	54.6	5.5	0.05
156	156	9	42	9	47	6	19	10	12	23	1	13801	219.2	40.0	4.0	0.05
157	157	9	42	9	46	6	19	10	12	25	1	11365	220.2	32.9	3.3	0.05
158	158	9	41	9	45	6	19	10	12	25	1	11372	219.2	33.0	3.3	0.05
159	159	9	40	9	45	6	19	10	12	26	1	12422	222.5	35.9	3.6	0.05
160	160	9	40	9	44	6	19	10	12	26	1	10863	219.4	31.5	3.1	0.05

CLIENT: DENISON MINES PROJECT: RADON FLUX MEASUREMENTS, WHITE MESA MILL PROJECT NO.: 10004.00

PILE: 3 BATCH: 1 SURFACE: TAILINGS AIR TEMP MIN: 45°F WEATHER: NO RAIN
 AREA: BEACH DEPLOYED: 6 14 10 RETRIEVED: 6 15 10 CHARCOAL BKG: 145 cpm Wt. Out: 180.0 g
 FIELD TECHNICIANS: WM,MC,CS,DLC COUNTED BY: DLC DATA ENTRY BY: DLC TARE WEIGHT: 29.2 g
 COUNTING SYSTEM I.D.: M01/D21, M02/D20 CAL. DUE: 6/07/11

GRID LOCATION	SAMPLE I.D.	DEPLOY RETRIV HR	MIN HR	ANALYSIS MIN	MID-TIME MO	ANALYSIS DA	GNT (MIN)	GROSS COUNTS	GROSS WT IN	RADON pCi/m ³	LLD ± pCi/m ³	COMMENTS
161		9 39	9 44	6 19	10 12	27 1	19403	221.5	56.4	5.6	0.05	
162		9 38	9 43	6 19	10 12	27 1	11570	216.1	33.5	3.4	0.05	
163		9 38	9 43	6 19	10 12	29 1	20219	217.5	58.8	5.9	0.05	
164		9 37	9 42	6 19	10 12	29 1	9674	219.1	28.0	2.8	0.05	
165		9 36	9 42	6 19	10 12	30 1	27631	219.2	80.5	8.0	0.05	
166		9 36	9 41	6 19	10 12	30 1	15841	220.4	46.1	4.6	0.05	
167		9 35	9 41	6 19	10 12	32 1	21397	219.5	62.3	6.2	0.05	
168		9 34	9 40	6 19	10 12	32 1	4300	217.7	12.2	1.2	0.05	
169		9 34	9 40	6 19	10 12	33 1	12273	221.2	35.5	3.6	0.05	
170		9 33	9 39	6 19	10 12	33 1	15603	219.6	45.4	4.5	0.05	
171		9 32	9 38	6 19	10 12	35 1	9852	220.2	28.5	2.8	0.05	
172		9 32	9 37	6 19	10 12	35 1	6986	217.8	20.1	2.0	0.05	
173		9 31	9 37	6 19	10 12	36 1	20572	219.7	59.9	6.0	0.05	
174		9 30	9 36	6 19	10 12	36 1	6365	216.4	18.3	1.8	0.05	
175		9 30	9 36	6 19	10 12	38 1	11567	217.2	33.5	3.4	0.05	
176		9 24	9 30	6 19	10 12	38 1	10790	222.6	31.3	3.1	0.05	
177		9 24	9 30	6 19	10 12	41 4	1231	226.3	0.5	0.1	0.05	
178		9 23	9 30	6 19	10 12	40 1	6052	224.5	17.4	1.7	0.05	
179		9 22	9 30	6 19	10 12	44 1	14033	224.1	40.7	4.1	0.05	
180		9 21	9 29	6 19	10 12	44 1	13709	219.3	39.9	4.0	0.05	
181		9 20	9 28	6 19	10 12	45 1	8477	220.5	24.5	2.4	0.05	
182		9 19	9 28	6 19	10 12	45 1	12669	219.2	36.8	3.7	0.05	
183		9 18	9 28	6 19	10 12	47 1	10075	217.0	29.1	2.9	0.05	
184		9 17	9 27	6 19	10 12	47 1	8264	222.7	23.9	2.4	0.05	
185		9 16	9 27	6 19	10 12	48 1	3713	221.3	10.5	1.0	0.05	
186		9 15	9 26	6 19	10 12	48 1	9466	223.4	27.4	2.7	0.05	
187		9 14	9 26	6 19	10 12	49 1	11003	220.4	31.8	3.2	0.05	
188		9 13	9 25	6 19	10 12	49 1	9140	222.9	26.4	2.6	0.05	
189		9 12	9 25	6 19	10 12	51 1	9918	219.9	28.6	2.9	0.05	
190		9 11	9 24	6 19	10 12	51 1	16173	219.5	47.1	4.7	0.05	

CLIENT: DENISON MINES PROJECT: RADON FLUX MEASUREMENTS, WHITE MESA MILL PROJECT NO.: 10004.00

PILE: 3 BATCH: 1 SURFACE: TAILINGS AIR TEMP MIN: 45°F WEATHER: NO RAIN

AREA: BEACH DEPLOYED: 6 14 10 RETRIEVED: 6 15 10 CHARCOAL BKG: 145 cpm Wt. Out: 180.0 g.

FIELD TECHNICIANS: WM,MC,CS,DLC COUNTED BY: DLC DATA ENTRY BY: DLC TARE WEIGHT: 29.2 g.

COUNTING SYSTEM I.D.: M01/D21, M02/D20 CAL. DUE: 6/07/11

GRID LOCATION	SAMPLE I.D.	DEPLOY HR	RETRIV HR	ANALYSIS MIN	MID-TIME MODA	ANALYSIS YR	CNT HR	GROSS (MIN)	GROSS (MAX)	RADON pCi/m ² s	LLD pCi/m ² s	COMMENTS	
191	9 10 9	24 6 19	10 12 53	1	10985	222.4	31.7	3.2	0.05				
192	9 9 9	23 6 19	10 12 53	1	36258	219.3	106.0	10.6	0.05				
193	9 8 9	23 6 19	10 12 54	1	18589	220.6	54.0	5.4	0.05				
194	9 7 9	22 6 19	10 12 54	1	12287	221.0	35.6	3.6	0.05				
195	9 6 9	22 6 19	10 12 56	1	8388	219.4	24.1	2.4	0.05				
196	9 5 9	21 6 19	10 12 56	1	11144	215.3	32.3	3.2	0.05				
197	9 4 9	21 6 19	10 12 57	1	10700	220.2	30.9	3.1	0.05				
198	9 3 9	20 6 19	10 12 57	1	12663	219.4	36.7	3.7	0.05				
199	9 2 9	20 6 19	10 12 59	1	12524	221.8	36.2	3.6	0.05				
1100	9 1 9	19 6 19	10 12 59	1	11898	220.8	34.5	3.4	0.05				
AVERAGE RADON FLUX RATE FOR THE CELL 3 BEACH REGION:											37.5	pCi/m ² s	

BLANK CANISTER ANALYSIS:

GRID LOCATION	SAMPLE I.D.	RETRIV HR	ANALYSIS MIN	MID-TIME MODA	ANALYSIS YR	CNT HR	GROSS (MIN)	GROSS (MAX)	RADON pCi/m ² s	LLD pCi/m ² s	COMMENTS		
1 BLANK 1	10 10 10	8 6 19	10 11 2	10	2295	213.4	0.25	0.04	0.05	CONTROL			
1 BLANK 2	10 10 10	8 6 19	10 11 2	10	2079	211.0	0.18	0.04	0.05	CONTROL			
1 BLANK 3	10 10 10	8 6 19	10 11 13	10	2106	212.0	0.19	0.04	0.05	CONTROL			
1 BLANK 4	10 10 10	8 6 19	10 11 13	10	2002	210.8	0.16	0.04	0.05	CONTROL			
1 BLANK 5	10 10 10	8 6 19	10 11 24	10	2051	211.6	0.17	0.04	0.05	CONTROL			
AVERAGE BLANK CANISTER ANALYSIS FOR THE CELL 3 BEACH REGION:											0.19	pCi/m ² s	

CLIENT: DENISON MINES PROJECT: RADON FLUX MEASUREMENTS, WHITE MESA MILL PROJECT NO.: 10004.00

PILE: 2 BATCH: J SURFACE: SOIL AIR TEMP MIN: 48°F WEATHER: NO RAIN
 AREA: COVER DEPLOYED: 6 16 10 RETRIEVED: 6 17 10 CHARCOAL BKG: 147 cpm Wt. Out: 180.0 g.
 FIELD TECHNICIANS: WM,MC,CS,DLC COUNTED BY: DLC DATA ENTRY BY: DLC TARE WEIGHT: 29.2 g.
 COUNTING SYSTEM I.D.: M01/D21, M02/D20 CAL. DUE: 6/07/11

GRID LOCATION	SAMPLE I.D.	DEPLOY		RETRIV		ANALYSIS		MID-TIME		CNT (MIN)	GROSS WT IN	RADON ±		COMMENTS:		
		HR	MIN	HR	MIN	MO	DA	YR	HR			MIN	pCi/m ³ s		pCi/m ³ s	
J01	J01	11	44	11	49	6	18	10	19	24	2	1684	215.1	1.2	0.1	0.03
J02	J02	11	47	11	50	6	18	10	19	25	3	1333	217.4	0.5	0.1	0.03
J03	J03	11	49	11	51	6	18	10	19	28	2	1015	224.2	0.6	0.1	0.03
J04	J04	11	50	11	52	6	18	10	19	28	2	1027	214.4	0.6	0.1	0.03
J05	J05	11	51	11	53	6	18	10	19	30	2	1092	214.9	0.7	0.1	0.03
J06	J06	11	53	11	54	6	18	10	19	30	2	1595	222.2	1.2	0.1	0.03
J07	J07	11	54	11	59	6	18	10	19	33	2	1711	215.0	1.2	0.1	0.03
J08	J08	11	56	12	0	6	18	10	19	33	1	142905	216.4	252.4	25.2	0.03
J09	J09	11	58	12	1	6	18	10	19	35	1	1025	213.9	1.5	0.2	0.03
J10	J10	11	59	12	2	6	18	10	19	35	1	1716	214.4	2.8	0.3	0.03
J11	J11	12	0	12	3	6	18	10	19	36	1	5903	214.4	10.2	1.0	0.03
J12	J12	12	3	12	4	6	18	10	19	36	1	4629	216.8	7.9	0.8	0.03
J13	J13	12	5	12	5	6	18	10	19	38	1	8871	214.2	15.4	1.5	0.03
J14	J14	12	7	12	6	6	18	10	19	39	2	1903	214.4	1.4	0.1	0.03
J15	J15	12	10	12	7	6	18	10	19	42	2	1288	215.9	0.9	0.1	0.03
J16	J16	12	12	12	9	6	18	10	19	42	1	1201	214.7	1.9	0.2	0.03
J17	J17	12	13	12	10	6	18	10	19	44	1	6901	217.0	12.0	1.2	0.03
J18	J18	12	15	12	11	6	18	10	19	44	1	1558	211.7	2.5	0.3	0.03
J19	J19	12	16	12	12	6	18	10	19	45	1	10362	214.7	18.1	1.8	0.03
J20	J20	12	18	12	13	6	18	10	19	45	1	6292	214.1	10.9	1.1	0.03
J21	J21	11	44	11	50	6	18	10	19	47	2	1315	217.5	0.9	0.1	0.03
J22	J22	11	47	11	50	6	18	10	19	47	1	33738	219.1	59.6	6.0	0.03
J23	J23	11	49	11	51	6	18	10	19	50	3	1001	215.3	0.3	0.0	0.03
J24	J24	11	50	11	52	6	18	10	19	50	2	1710	231.0	1.3	0.1	0.03
J25	J25	11	51	11	53	6	18	10	19	52	1	2085	219.3	3.4	0.3	0.03
J26	J26	11	53	11	54	6	18	10	19	53	2	1006	216.7	0.6	0.1	0.03
J27	J27	11	54	11	59	6	18	10	19	55	1	2841	216.2	4.8	0.5	0.03
J28	J28	11	56	12	0	6	18	10	19	55	1	9798	217.5	17.1	1.7	0.03
J29	J29	11	58	12	1	6	18	10	19	56	1	10066	214.2	17.6	1.8	0.03
J30	J30	11	59	12	2	6	18	10	19	56	1	7515	219.3	13.1	1.3	0.03

CLIENT: DENISON MINES PROJECT: RADON FLUX MEASUREMENTS, WHITE MESA MILL PROJECT NO.: 10004.00
 PILE: 2 BATCH: J SURFACE: SOIL AIR TEMP MIN: 48°F WEATHER: NO RAIN
 AREA: COVER DEPLOYED: 6 16 10 RETRIEVED: 6 17 10 CHARCOAL BKG: 147 cpm Wt. Out: 180.0 g.
 FIELD TECHNICIANS: WM,MC,CS,DLC COUNTED BY: DLC DATA ENTRY BY: DLC TARE WEIGHT: 29.2 g.
 COUNTING SYSTEM I.D.: M01/D21, M02/D20 CAL. DUE: 6/07/11

GRID LOCATION	SAMPLE I.D.	DEPLOY		RETRIV		ANALYSIS		MID-TIME HR	CNT (MIN)	GROSS COUNTS	GROSS WT IN	RADON		LLD		
		HR	MIN	HR	MIN	MO	DA					YR	PCl/m ³		± PCl/m ³	PCl/m ³
J31	J31	12	1	12	3	6	18	10	19	58	1	15550	215.4	27.3	2.7	0.03
J32	J32	12	3	12	4	6	18	10	19	58	2	1228	212.8	0.8	0.1	0.03
J33	J33	12	5	12	5	6	18	10	20	0	1	16455	216.9	28.9	2.9	0.03
J34	J34	12	7	12	6	6	18	10	20	1	3	1277	215.4	0.5	0.0	0.03
J35	J35	12	10	12	7	6	18	10	20	5	3	1002	215.0	0.3	0.0	0.03
J36	J36	12	12	12	9	6	18	10	20	4	1	7343	213.1	12.8	1.3	0.03
J37	J37	12	13	12	10	6	18	10	20	8	1	5351	210.1	9.2	0.9	0.03
J38	J38	12	15	12	11	6	18	10	20	8	1	12010	221.5	21.1	2.1	0.03
J39	J39	12	16	12	12	6	18	10	20	9	1	3666	212.3	6.3	0.6	0.03
J40	J40	12	18	12	13	6	18	10	20	9	1	8170	221.1	14.3	1.4	0.03
J41	J41	12	21	12	14	6	18	10	20	12	3	1164	211.5	0.4	0.0	0.03
J42	J42	12	23	12	15	6	18	10	20	11	1	12910	215.9	22.8	2.3	0.03
J43	J43	12	25	12	16	6	18	10	20	15	1	3054	216.4	5.2	0.5	0.03
J44	J44	12	26	12	17	6	18	10	20	15	1	5116	211.7	8.9	0.9	0.03
J45	J45	12	28	12	18	6	18	10	20	16	1	14252	216.5	25.2	2.5	0.03
J46	J46	12	45	12	37	6	18	10	20	16	1	31982	224.0	56.8	5.7	0.03
J47	J47	12	46	12	38	6	18	10	20	18	2	1452	229.1	1.0	0.1	0.03
J48	J48	12	48	12	39	6	18	10	20	18	2	1384	220.7	1.0	0.1	0.03
J49	J49	12	50	12	40	6	18	10	20	20	1	3235	215.4	5.5	0.6	0.03
J50	J50	12	51	12	41	6	18	10	20	20	1	3793	213.4	6.5	0.7	0.03
J51	J51	12	53	12	42	6	18	10	20	21	1	10928	213.4	19.2	1.9	0.03
J52	J52	12	54	12	43	6	18	10	20	21	1	5029	219.8	8.7	0.9	0.03
J53	J53	12	55	12	44	6	18	10	20	23	1	13336	219.2	23.5	2.4	0.03
J54	J54	12	56	12	45	6	18	10	20	23	1	38851	218.8	69.1	6.9	0.03
J55	J55	12	57	12	46	6	18	10	20	24	1	3329	220.8	5.7	0.6	0.03
J56	J56	12	58	12	47	6	18	10	20	24	1	26889	220.7	47.8	4.8	0.03
J57	J57	12	59	12	48	6	18	10	20	26	1	26277	215.7	46.6	4.7	0.03
J58	J58	13	0	12	49	6	18	10	20	26	2	1661	217.0	1.2	0.1	0.03
J59	J59	13	1	12	50	6	18	10	20	29	2	1235	221.4	0.8	0.1	0.03
J60	J60	13	2	12	50	6	18	10	20	29	2	1104	218.9	0.7	0.1	0.03

CLIENT: DENISON MINES PROJECT: RADON FLUX MEASUREMENTS, WHITE MESA MILL PROJECT NO.: 10004.00

PILE: 2 BATCH: J SURFACE: SOIL AIR TEMP MIN: 48°F WEATHER: NO RAIN
 AREA: COVER DEPLOYED: 6 16 10 RETRIEVED: 6 17 10 CHARCOAL BKG: 147 cpm Wt. Out: 180.0 g
 FIELD TECHNICIANS: WM,MC,CS,DLC COUNTED BY: DLC DATA ENTRY BY: DLC TARE WEIGHT: 29.2 g
 COUNTING SYSTEM I.D.: M01/D21, M02/D20 CAL. DUE: 6/07/11

GRID LOCATION	SAMPLE I.D.	DEPLOY		RETRIV		ANALYSIS		MID-TIME HR	CNT (MIN)	GROSS COUNTS	GROSS WT IN	RADON		LLD	COMMENTS:	
		HR	MIN	HR	MIN	DA	YR					PCl/m ² s	±			PCl/m ² s
J61	J61	12	21	12	14	6	18	10	20	32	3	1217	210.1	0.5	0.0	0.03
J62	J62	12	23	12	15	6	18	10	20	31	1	2554	213.4	4.3	0.4	0.03
J63	J63	12	25	12	16	6	18	10	20	35	2	1001	212.0	0.6	0.1	0.03
J64	J64	12	26	12	17	6	18	10	20	35	2	1324	213.4	0.9	0.1	0.03
J65	J65	12	28	12	18	6	18	10	20	37	1	6811	227.7	11.9	1.2	0.03
J66	J66	12	45	12	37	6	18	10	20	37	1	13216	221.6	23.4	2.3	0.03
J67	J67	12	46	12	38	6	18	10	20	38	1	5177	213.7	9.0	0.9	0.03
J68	J68	12	48	12	39	6	18	10	20	38	1	13843	214.9	24.5	2.4	0.03
J69	J69	12	50	12	40	6	18	10	20	40	1	1265	214.7	2.0	0.2	0.03
J70	J70	12	51	12	41	6	18	10	20	40	1	1508	218.1	2.4	0.2	0.03
J71	J71	12	53	12	42	6	18	10	20	41	1	14099	216.0	24.9	2.5	0.03
J72	J72	12	54	12	43	6	18	10	20	41	1	2910	214.3	4.9	0.5	0.03
J73	J73	12	55	12	44	6	18	10	20	43	1	6439	214.5	11.2	1.1	0.03
J74	J74	12	56	12	45	6	18	10	20	43	1	40083	215.4	71.5	7.2	0.03
J75	J75	12	57	12	46	6	18	10	20	45	1	6587	214.9	11.5	1.2	0.03
J76	J76	12	58	12	47	6	18	10	20	47	3	1216	218.5	0.5	0.0	0.03
J77	J77	12	59	12	48	6	18	10	20	50	1	3534	217.7	6.1	0.6	0.03
J78	J78	13	0	12	49	6	18	10	20	50	1	3114	228.2	5.3	0.5	0.03
J79	J79	13	1	12	50	6	18	10	20	52	1	79392	215.8	141.6	14.2	0.03
J80	J80	13	2	12	50	6	18	10	20	52	1	2527	221.9	4.3	0.4	0.03
J81	J81	13	9	12	51	6	18	10	20	53	1	1209	217.4	1.9	0.2	0.03
J82	J82	13	10	12	52	6	18	10	20	54	2	1609	219.9	1.2	0.1	0.03
J83	J83	13	11	12	53	6	18	10	20	56	1	4206	214.1	7.3	0.7	0.03
J84	J84	13	12	12	54	6	18	10	20	56	1	2292	218.0	3.9	0.4	0.03
J85	J85	13	13	12	55	6	18	10	20	58	2	1821	209.7	1.4	0.1	0.03
J86	J86	13	14	12	56	6	18	10	20	58	1	3785	217.3	6.5	0.7	0.03
J87	J87	13	14	12	57	6	18	10	21	1	3	1004	214.5	0.3	0.0	0.03
J88	J88	13	15	12	58	6	18	10	21	1	3	1007	210.4	0.3	0.0	0.03
J89	J89	13	15	12	59	6	18	10	21	5	4	1101	215.9	0.2	0.0	0.03
J90	J90	13	16	12	59	6	18	10	21	4	1	17078	221.4	30.5	3.0	0.03

CLIENT: DENISON MINES PROJECT: RADON FLUX MEASUREMENTS, WHITE MESA MILL PROJECT NO.: 10004.00

PILE: 2 BATCH: J SURFACE: SOIL AIR TEMP MIN: 48°F WEATHER: NO RAIN
 AREA: COVER DEPLOYED: 6 16 10 RETRIEVED: 6 17 10 CHARCOAL BKG: 147 cpm Wt. Out: 180.0 g.
 FIELD TECHNICIANS: WM,MC,CS,DLC COUNTED BY: DLC DATA ENTRY BY: DLC TARE WEIGHT: 29.2 g.
 COUNTING SYSTEM I.D.: M01/D21, M02/D20 CAL. DUE: 6/07/11

GRID LOCATION	SAMPLE I.D.	DEPLOY HR	RETRV HR	ANALYSIS MIN	MID-TIME DA	ANALYSIS YR	CNT (MIN)	GROSS COUNTS	GROSS WT IN	RADON pCi/m ² s	± pCi/m ² s	LLD pCi/m ² s	COMMENTS:
J91	J91	13 9	12 51	6 18	10 21	8 1	2635	218.7	4.5	0.4	0.03		
J92	J92	13 10	12 52	6 18	10 21	8 1	1431	212.9	2.3	0.2	0.03		
J93	J93	13 11	12 53	6 18	10 21	10 1	1631	211.6	2.7	0.3	0.03		
J94	J94	13 12	12 54	6 18	10 21	11 2	1611	218.2	1.2	0.1	0.03		
J95	J95	13 13	12 55	6 18	10 21	13 1	1163	218.9	1.8	0.2	0.03		
J96	J96	13 14	12 56	6 18	10 21	14 2	1194	230.3	0.8	0.1	0.03		
J97	J97	13 15	12 57	6 18	10 21	18 3	1145	215.6	0.4	0.0	0.03		
J98	J98	13 15	12 58	6 18	10 21	19 5	1077	211.1	0.1	0.0	0.03		
J99	J99	13 16	12 59	6 18	10 21	25 3	1340	217.7	0.5	0.1	0.03		
J100	J100	13 16	12 59									No Sample	

AVERAGE RADON FLUX RATE FOR THE CELL 2 COVERED REGION: 13.8 pCi/m²s

BLANK CANISTER ANALYSIS:

GRID LOCATION	SAMPLE I.D.	DEPLOY HR	RETRV HR	ANALYSIS MIN	MID-TIME DA	ANALYSIS YR	CNT (MIN)	GROSS COUNTS	GROSS WT IN	RADON pCi/m ² s	± pCi/m ² s	LLD pCi/m ² s	COMMENTS:
J BLANK 1	J BLANK 1	11 44	11 50	6 19	10 10	27 10	1862	213.7	0.08	0.03	0.04	CONTROL	
J BLANK 2	J BLANK 2	11 44	11 50	6 19	10 10	38 10	1820	210.5	0.07	0.03	0.04	CONTROL	
J BLANK 3	J BLANK 3	11 44	11 50	6 19	10 10	38 10	1580	211.7	0.02	0.03	0.04	CONTROL	
J BLANK 4	J BLANK 4	11 44	11 51	6 19	10 10	49 10	1696	210.9	0.04	0.03	0.04	CONTROL	
J BLANK 5	J BLANK 5	11 44	11 51	6 19	10 10	49 10	1551	209.1	0.02	0.03	0.04	CONTROL	

AVERAGE BLANK CANISTER ANALYSIS FOR THE CELL 2 COVERED REGION: 0.05 pCi/m²s

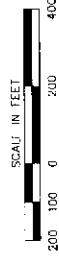
WHITE MESA MILL
BLANDING, UTAH
NESHAPS 2010

PREPARED FOR
DENISON MINES (USA) CORP.

LEGEND

- 101 • - SAMPLE LOCATION ON BEACH AREAS
- F-010 - SAMPLE LOCATION ON COVERED AREAS

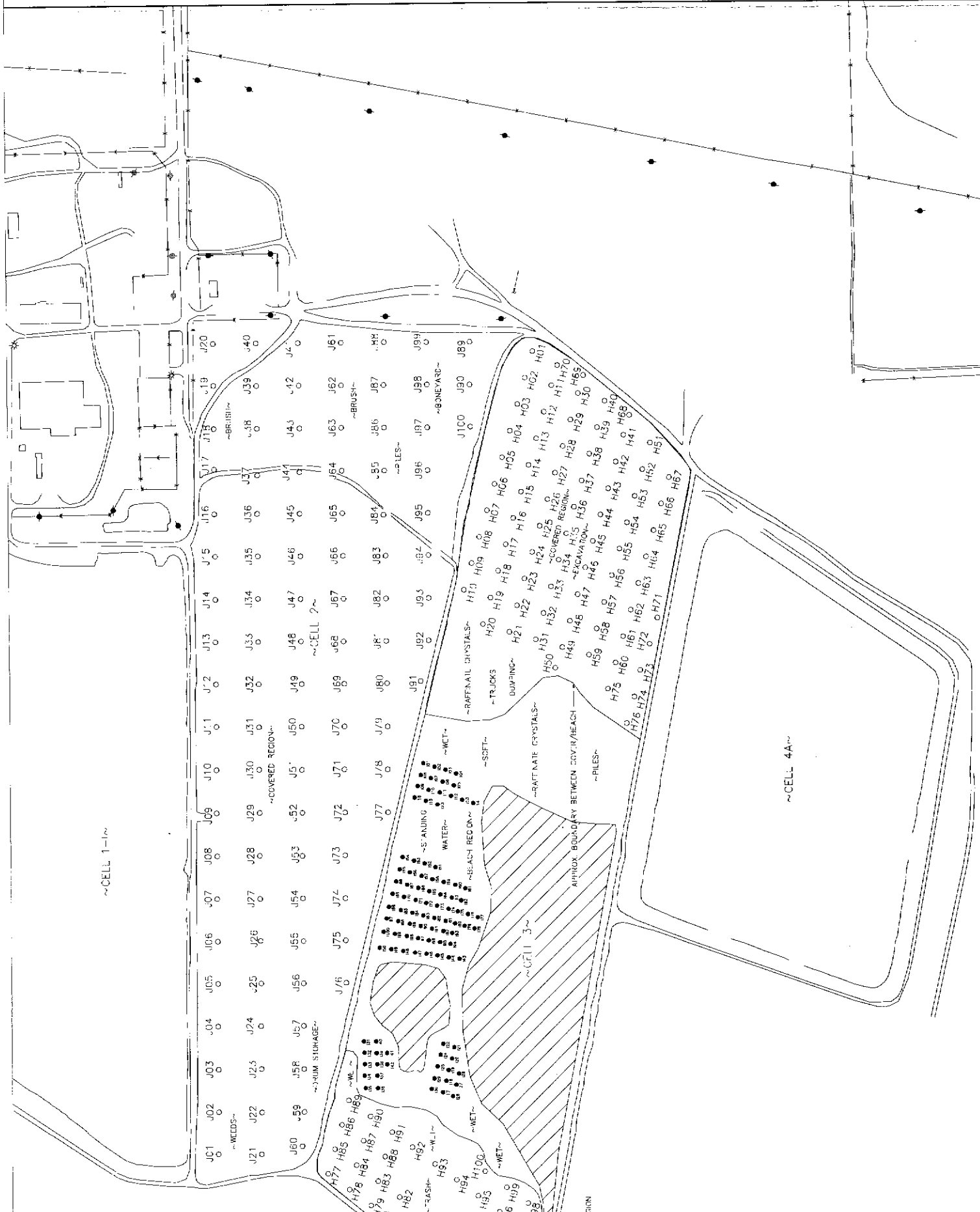
FIGURE 2



TELCO
ENVIRONMENTAL, LLC

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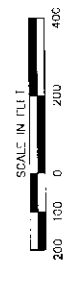
WHITE MESA MILL
BLANDING, UTAH
NESFAP'S 2010

PREPARED FOR
DEFINSON MINES (USA) CORP.

LEGEND

- - SAMPLE LOCATION ON BEACH AREAS
- - SAMPLE LOCATION ON COVERED AREAS

FIGURE 2



TELCO
ENVIRONMENTAL, LLC