

**APPENDIX A**  
**Field Data Sheets**

# Daily Field Report (DFR)

Project Name Uranium Mill Lic. Support Project No. 83088 Date 2/12/08  
 Project Location Naturita, CO Time Arrived 0800  
 Contractor \_\_\_\_\_ Technician \_\_\_\_\_ Time Departed 1700  
 Weather Sunny around 45° F high Travel Time 6 hrs  
 Earthwork Equipment Observed Trackhoe trenching Total Time (Hours) 15 hrs  
 DFR Given to (or left at) \_\_\_\_\_ Mileage \_\_\_\_\_  
 Reviewed by \_\_\_\_\_ Date Reviewed \_\_\_\_\_ DFR No. \_\_\_\_\_

Observations/Remarks:

At 8am Site S-2 was inundated and froze over in morning. About 6" of water, with ice veneer, had pooled over the sampling box. Trackhoe excavated trench toward culvert under Hwy 90 to drain area. Trench was successful. In draining area. By 10AM, snowmelt was running at considerable rate over sampling box. Sample was taken at site S-2 w/ out sampling liner. EFR personnel were also present at this time including: Dick White, Brent Kramer. Liner was washed with TSP and rinsed w/ distilled water, then installed and Quazite lid fastened.

At 3pm, site S-3 was inspected and water (snowmelt) discovered flowing over sampling location. Sampling container was full and sample was taken by EFR personnel listed above. Liner washed and rinsed and reinstalled. Sediment had to be removed from bottom of sampling box to fit liner.

At 4pm, site S-4 was inspected, no flowing water in area, sampling box was empty. Sampling location is shaded by scarp to the south. Liner was washed and rinsed, but not installed b/c PVC bracket was too large to fit in box and needs to be re-fabricated. EFR personnel were directed on installation procedure.

NOTE: Observations, pass/fail evaluations, and/or recommendations (if applicable) provided herein have not been reviewed by an engineer and, therefore, should be considered preliminary and subject to change.

\_\_\_\_\_  
 Kleinfelder Representative Signature

\_\_\_\_\_  
 Kleinfelder Representative Print Name

# Daily Field Report (DFR)

Project Name Uranium Mill Lic. Support Project No. 03088 Date 2/12/08  
 Project Location Natwita, CO Time Arrived 0800  
 Contractor \_\_\_\_\_ Technician \_\_\_\_\_ Time Departed 1700  
 Weather Sunny around 45°F high Travel Time 6 hrs  
 Earthwork Equipment Observed Trackhoe excavator Total Time (Hours) 15 hrs  
 DFR Given to (or left at) \_\_\_\_\_ Mileage \_\_\_\_\_  
 Reviewed by \_\_\_\_\_ Date Reviewed \_\_\_\_\_ DFR No. \_\_\_\_\_

Observations/Remarks:

At 4:30 pm, temp around 30°F, snowmelt was not observed to be flowing at site S-1. Site S-1 deep in arroyo was frozen over with about 2" of ice, but sampling box was full of liquid water. Another set of samples taken here by EFR personnel with Kleinfelder oversight. Liner was washed and reused and installed. Finished around 5pm. Sampling location is definitely in flow path; evidence of 2"-4" depth of flow that day. Sediment removal also necessary for insertion of sampling liner. Sampling location not in direct sunlight and may be partially frozen in future.

NOTE: Observations, pass/fail evaluations, and/or recommendations (if applicable) provided herein have not been reviewed by an engineer and, therefore, should be considered preliminary and subject to change.

\_\_\_\_\_  
 Kleinfelder Representative Signature

\_\_\_\_\_  
 Kleinfelder Representative Print Name



**SURFACE WATER SAMPLING FIELD DATA SHEET**

Sampler No.	Sampling Equipment	Analytical Equipment	Sampler's Initials	Time	Date	
<b>S-1</b>	<input checked="" type="checkbox"/> Disposable Bailer <input checked="" type="checkbox"/> Peristaltic Pump Other: (Describe Below)	<input checked="" type="checkbox"/> pH and Temp <input checked="" type="checkbox"/> WTW 3400i Other: (Describe Below)	<b>JWF</b>	<b>18:00</b>	<b>9/29/08</b>	
Rainfall at site: (read on rain gauge on post)			<b>Meter Calibration</b>			
<b>0.6"</b>			Time: 18:00	Automatic Calibrations? Yes <input checked="" type="checkbox"/> No		
			pH <input checked="" type="checkbox"/>	Cond. <input checked="" type="checkbox"/>	D.O. <input checked="" type="checkbox"/> ORP <input checked="" type="checkbox"/>	
Water Level in Sample Box (in.)	<b>24</b>	<input checked="" type="checkbox"/> Specific Conductivity <input checked="" type="checkbox"/> WTW 3400i Other: (Describe Below)	pH pH std. # 1 = <b>4.01</b> at <b>23.2</b> °C Calibration Evaluation pH std. # 2 = <b>7.00</b> at <b>24.2</b> °C <b>3</b> Bars Slope = <b>-55.8</b> mV/pH Assymetry = <b>-3</b> mV			
Amount of Water Removed For Sampling from sample Box (in.)	<b>7</b>		<b>Specific Conductance</b>			
Amount of Water Discarded in Drainage from sample Box (in.)	<b>17</b>	<input checked="" type="checkbox"/> Dissolved Oxygen <input checked="" type="checkbox"/> WTW 3400i Other: (Describe Below)	Cell Constant = <b>0.486</b> /cm Calibration Evaluation <b>3</b> Bars			
Water Level in The Containment Box (in.)	<b>3</b>		<b>Dissolved Oxygen</b>			
Amount of Water Discarded in the Drainage from containment Box (in.)	<b>2</b>	<input checked="" type="checkbox"/> Oxygen-Reduction Potential <input checked="" type="checkbox"/> WTW 3400i Other: (Describe Below)	Relative Slope = <b>0.71</b> at <b>39.3</b> °C Calibration Evaluation <b>3</b> Bars			
Amount of Water Remaining in Containment Box (in.)	<b>1</b>		<b>Oxygen-Reduction Potential</b>			
			Conductance Standard: <b>230</b> mV Reads: <b>210</b> mV			
Date & Time (MST)	Temperature (°C)	pH (s.u.)	Specific Conductivity (µS/cm)	DO (mg/L)	ORP (mV)	Visual Description
<b>9/29/2008 18:40</b>	<b>16.1</b>	<b>7.83</b>	<b>188.00</b>	<b>6.24</b>	<b>148</b>	<b>Like chocolate milk</b>
<b>Condition of Sampler:</b> Berm washed out and was repaired. Replaced Sampler with spare. Decontaminated used sampler and stored in bag. Very little water leaked into containment box due to caulking.			Full Suite: <u>Yes</u> / No			
			# SW-1	Duplicate <u>Yes</u> \ No	# DUP-2	
			Partial Suite: <u>Yes</u> / No		#	
			#	Trip Blank <u>Yes</u> \ No	#	
<b>Additional Comments:</b> Rain event occurred over weekend. Collected samples at earliest available time.			<b>PPE Utilized</b> Gloves <input checked="" type="checkbox"/> Safety Glasses <input checked="" type="checkbox"/>			
			Signature: <i>Jose W. Tallent</i>			



**SURFACE WATER SAMPLING FIELD DATA SHEET**

Sampler No.	Sampling Equipment	Analytical Equipment	Sampler's Initials	Time	Date	
<b>S-3</b>	<input checked="" type="checkbox"/> Disposable Bailor <input checked="" type="checkbox"/> Peristaltic Pump Other: (Describe Below)	pH and Temp <input checked="" type="checkbox"/> WTW 3400i Other: (Describe Below)	<b>JWF</b>	<b>18:00</b>	<b>9/29/08</b>	
Rainfall at site: (read on rain gauge on post)	Other: (Describe Below)	Other: (Describe Below)	<b>Meter Calibration</b>			
<b>0.5"</b>			Time: 18:00	Automatic Calibrations?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	ORP <input checked="" type="checkbox"/>
Water Level In Sample Box (in.)	<b>24</b>	Specific Conductivity <input checked="" type="checkbox"/> WTW 3400i Other: (Describe Below)	pH pH std. # 1 = <b>4.01</b> at <b>23.2</b> °C Calibration Evaluation pH std. # 2 = <b>7.00</b> at <b>24.2</b> °C <b>3</b> Bars Slope = <b>-55.8</b> mV/pH Assymetry = <b>-3</b> mV			
Amount of Water Removed For Sampling from sample Box (in.)	<b>6</b>	Dissolved Oxygen <input checked="" type="checkbox"/> WTW 3400i Other: (Describe Below)	Specific Conductance Cell Constant = <b>0.486</b> /cm Calibration Evaluation <b>3</b> Bars			
Amount of Water Discarded in Drainage from sample Box (in.)	<b>18</b>		Dissolved Oxygen Relative Slope = <b>0.71</b> at <b>39.3</b> °C Calibration Evaluation <b>3</b> Bars			
Water Level In The Containment Box (in.)	<b>26</b>	Oxygen-Reduction Potential <input checked="" type="checkbox"/> WTW 3400i Other: (Describe Below)	Oxygen-Reduction Potential Conductance Standard: <b>230</b> mV Reads: <b>210</b> mV			
Amount of Water Discarded in the Drainage from containment Box (in.)	<b>25</b>					
Amount of Water Remaining in Containment Box (in.)	<b>1</b>					
Date & Time (MST)	Temperature (°C)	pH (s.u.)	Specific Conductivity (µS/cm)	DO (mg/L)	ORP (mV)	Visual Description
<b>9/29/2008 18:10</b>	<b>15.2</b>	<b>7.72</b>	<b>193</b>	<b>6.09</b>	<b>188</b>	<b>Like chocolate milk</b>
<b>Condition of Sampler:</b> Containment box filled with water. Replaced Sampler with spare. Decontaminated used sampler and stored in bag.			<b>Full Suite: Yes / No</b> # <b>SW-3</b> Duplicate Yes \ No # <b>DUP-1</b>			
<b>Additional Comments:</b> Rain event occurred over weekend. Collected samples at earliest available time.			<b>Partial Suite: Yes / No</b> # Rinsate Yes \ No # # Trip Blank Yes \ No #			
<b>PPE Utilized</b> Gloves <input checked="" type="checkbox"/> Safety Glasses <input type="checkbox"/>						
<b>Signature:</b> <i>[Handwritten Signature]</i>						



**SURFACE WATER SAMPLING FIELD DATA SHEET**

Sampler No.	Sampling Equipment	Analytical Equipment	Sampler's Initials	Time	Date	
<b>S-1</b>	<input checked="" type="checkbox"/> Disposable Bailer <input type="checkbox"/> Peristaltic Pump Other: (Describe Below)	<input checked="" type="checkbox"/> pH and Temp <input checked="" type="checkbox"/> WTW 3400i Other: (Describe Below)	<b>JWF</b>	<b>19:30</b>	<b>10/6/08</b>	
Rainfall at site: (read on rain gauge on post)			<b>Meter Calibration</b>			
<b>0.7"</b>			Time: 5:10	Automatic Calibrations? Yes <input checked="" type="checkbox"/> No		
			pH <input checked="" type="checkbox"/>	Cond. <input checked="" type="checkbox"/>	D.O. <input checked="" type="checkbox"/> ORP <input checked="" type="checkbox"/>	
Water Level in Sample Box (in.)	<b>24</b>	Specific Conductivity <input checked="" type="checkbox"/> WTW 3400i Other: (Describe Below)	pH pH std. # 1 = <b>4.01</b> at <b>8.7</b> °C Calibration Evaluation pH std. # 2 = <b>7.00</b> at <b>8.7</b> °C <b>3</b> Bars Slope = <b>-56.1</b> mV/pH Assymetry = <b>-8</b> mV			
Amount of Water Removed For Sampling from sample Box (in.)	<b>8</b>		Specific Conductance Cell Constant = <b>0.459</b> /cm Calibration Evaluation <b>3</b> Bars			
Amount of Water Discarded in Drainage from sample Box (in.)	<b>16</b>	Dissolved Oxygen <input checked="" type="checkbox"/> WTW 3400i Other: (Describe Below)	Dissolved Oxygen Relative Slope = <b>0.71</b> at <b>8.5</b> °C Calibration Evaluation <b>2</b> Bars			
Water Level in The Containment Box (in.)	<b>2</b>		Oxygen-Reduction Potential Conductance Standard: <b>230</b> mV Reads: <b>242</b> mV			
Amount of Water Discarded in the Drainage from containment Box (in.)	<b>1</b>	Oxygen-Reduction Potential <input checked="" type="checkbox"/> WTW 3400i Other: (Describe Below)				
Amount of Water Remaining in Containment Box (in.)	<b>1</b>					
Date & Time (MST)	Temperature (°C)	pH (s.u.)	Specific Conductivity (µS/cm)	DO (mg/L)	ORP (mV)	Visual Description
<b>10/7/08 05:28</b>	<b>4.7</b>	<b>8.51</b>	<b>198</b>	<b>7.62</b>	<b>191</b>	<b>Like chocolate milk</b>
Condition of Sampler: Berm washed out and was repaired. May add rocks to berm for reinforcement at a later date. Replaced Sampler with spare. Decontaminated used sampler and stored in bag.			Full Suite: <u>Yes</u> / No			
Additional Comments: Rain event occurred over weekend. Collected samples at Monday evening, stored in refrigerator, and took readings Tuesday morning.			# SW-1	Duplicate	Yes \ No	#
			Partial Suite: <u>Yes</u> / No	Rinsate	Yes \ No	#
			#	Trip Blank	Yes \ No	#
PPE Utilized			Gloves	<input checked="" type="checkbox"/>		
			Safety Glasses	<input checked="" type="checkbox"/>		
Signature: <i>Jess W. [Signature]</i>						



**SURFACE WATER SAMPLING FIELD DATA SHEET**

Sampler No.	Sampling Equipment	Analytical Equipment	Sampler's Initials	Time	Date	
<b>S-3</b>	<input checked="" type="checkbox"/> Disposable Bailor Peristaltic Pump	pH and Temp <input checked="" type="checkbox"/> WTW 3400i	<b>JWF</b>	<b>20:00</b>	<b>10/6/08</b>	
Rainfall at site: (read on rain gauge on post)	Other: (Describe Below)	Other: (Describe Below)	<b>Meter Calibration</b>			
<b>0.8"</b>			Time: 5:10	Automatic Calibrations? Yes <input checked="" type="checkbox"/> No		
			pH <input checked="" type="checkbox"/>	Cond. <input checked="" type="checkbox"/>	D.O. <input checked="" type="checkbox"/> ORP <input checked="" type="checkbox"/>	
Water Level in Sample Box (In.)	<b>24</b>	Specific Conductivity <input checked="" type="checkbox"/> WTW 3400i	pH pH std. # 1 = <b>4.01</b> at <b>8.7</b> °C Calibration Evaluation			
Amount of Water Removed For Sampling from sample Box (In.)	<b>8</b>	Other: (Describe Below)	pH std. # 2 = <b>7.00</b> at <b>8.7</b> °C <b>3</b> Bars			
Amount of Water Discarded in Drainage from sample Box (In.)	<b>16</b>	Dissolved Oxygen <input checked="" type="checkbox"/> WTW 3400i	Slope = <b>-56.1</b> mV/pH Assymetry = <b>-8</b> mV			
Water Level in The Containment Box (In.)	<b>26</b>	Other: (Describe Below)	Specific Conductance Cell Constant = <b>0.459</b> /cm Calibration Evaluation			
Amount of Water Discarded In the Drainage from containmant Box (In.)	<b>24</b>	Oxygen-Reduction Potential <input checked="" type="checkbox"/> WTW 3400i	Relative Slope = <b>0.71</b> at <b>8.5</b> °C Calibration Evaluation			
Amount of Water Remaining in Containment Box (In.)	<b>2</b>	Other: (Describe Below)	Oxygen-Reduction Potential Conductance Standard: <b>230</b> mV Reads: <b>242</b> mV			
Date & Time (MST)	Temperature (°C)	pH (s.u.)	Specific Conductivity (µS/cm)	DO (mg/L)	ORP (mV)	Visual Description
<b>10/7/08 05:30</b>	<b>2.3</b>	<b>8.48</b>	<b>135</b>	<b>4.41</b>	<b>165</b>	<b>Like chocolate milk</b>
Condition of Sampler: Sampler working well. Berm washed out slightly and was repaired with addition of rocks. Replaced Sampler with spare. Decontaminated used sampler and stored in bag. Water leaked into outer box. Added caulking to bolt holes.			Full Suite: Yes / No			
Additional Comments: Rain event occurred over weekend. Collected samples at Monday evening, stored in refrigerator, and took readings Tuesday morning.			# SW-3		Duplicate Yes \ No #	
			Partial Suite: Yes / No		Rinsate Yes \ No #	
			#		Trip Blank Yes \ No #	
PPE Utilized			Gloves		<input checked="" type="checkbox"/>	
			Safety Glasses		<input checked="" type="checkbox"/>	
Signature: <i>JWF</i>						