Alluvium Core Logging Form Comments - Nye County Nuclear Waste Repository Project Office

Date Logged	Sample Number	Depth Interval (feet bgs) From	Depth Interval (feet bgs) To	Comments
10/26/2004	22PC-460.5-461.1-SC	460.50	461.10	
10/26/2004	22PC-460.5-461.3-SC	460.50	461.30	
10/26/2004	22PC-460-460.5-SC	460.00	460.50	
10/26/2004	22PC-460-460.5-SCA	460.00	460.50	
10/26/2004	22PC-460-463.7-SC	460.00	463.70	First core advance, approximately 460-465 ft fell out of shoe during return to surface, excessive drag and vibration.
10/26/2004	22PC-461.1-461.8-SC	461.10	461.80	
10/26/2004	22PC-461.3-462-SC	461.30	462.00	
10/26/2004	22PC-461.8-463.7-SC	461.80	463.70	
10/26/2004	22PC-462.9-463.7-SC	462.90	463.70	
10/26/2004	22PC-462-462.9-SC	462.00	462.90	
10/26/2004	22PC-463.7-464.2-SC	463.70	464.20	
10/26/2004	22PC-463.7-464.9-SC	463.70	464.90	
10/26/2004	22PC-463.7-471.4-SC	463.70	471.40	Intercept saturated zone approximately 470 ft.
10/26/2004	22PC-464.2-466.3-SC	464.20	466.30	
10/26/2004	22PC-464.9-466.5-SC	464.90	466.50	
10/26/2004	22PC-466.3-468.1-SC	466.30	468.10	
10/26/2004	22PC-466.5-468.2-SC	466.50	468.20	
10/26/2004	22PC-468.1-469.1-SC	468.10	469.10	
10/26/2004	22PC-468.2-469.8-SC	468.20	469.80	
10/26/2004	22PC-469.1-471.4-SC	469.10	471.40	

Alluvium Core Logging Form Comments - Nye County Nuclear Waste Repository Project Office

Date Logged	Sample Number	Depth Interval (feet bgs) From	Depth Interval (feet bgs) To	Comments
10/26/2004	22PC-469.8-471.4-SC	469.80	471.40	
10/26/2004	22PC-471.4-473.2-SC	471.40	473.20	
10/26/2004	22PC-471.4-473.2-SCA	471.40	473.20	Interval is possibly fill.
10/26/2004	22PC-471.4-481.8-SC	471.40	481.80	
10/26/2004	22PC-473.2-474.5-SC	473.20	474.50	
10/26/2004	22PC-473.2-475-SC	473.20	475.00	
10/26/2004	22PC-474.5-476.2-SC	474.50	476.20	
10/26/2004	22PC-475-476.8-SC	475.00	476.80	
10/26/2004	22PC-476.2-481.8-SC	476.20	481.80	
10/26/2004	22PC-476.8-478.5-SC	476.80	478.50	
10/26/2004	22PC-478.5-480-SC	478.50	480.00	
10/26/2004	22PC-480-481.8-SC	480.00	481.80	
10/26/2004	22PC-481.8-483.7-SC	481.80	483.70	Lost core interval: 484.1-483.7 ft; clean out run number one.
10/26/2004	22PC-483.7-484.6-SC	483.70	484.60	
10/26/2004	22PC-483.7-485.4-SC	483.70	485.40	
10/26/2004	22PC-483.7-492.1-SC	483.70	492.10	
10/26/2004	22PC-484.6-488.8-SC	484.60	488.80	
10/26/2004	22PC-485.4-486.9-SC	485.40	486.90	
10/26/2004	22PC-486.9-488.5-SC	486.90	488.50	
10/26/2004	22PC-488.5-490-SC	488.50	490.00	

Date Logged	Sample Number	Depth Interval (feet bgs) From	Depth Interval (feet bgs) To	Comments
10/26/2004	22PC-488.8-491.8-SC	488.80	491.80	
10/26/2004	22PC-490-491.8-SC	490.00	491.80	
10/26/2004	22PC-491.8-492.1-SC	491.80	492.10	Lost core: originally started as clean-out run but since 2.07 ft was cored it became a core run.
10/26/2004	22PC-492.1-492.7-SC	492.10	492.70	
10/26/2004	22PC-492.1-493.8-SC	492.10	493.80	
10/26/2004	22PC-492.1-494.2-SC	492.10	494.20	Cobble with clay at beginning of core run.
10/26/2004	22PC-492.7-494.2-SC	492.70	494.20	
10/26/2004	22PC-493.8-494.2-SC	493.80	494.20	Classification of this sample is done with first sample of run #6. Intervals 493.8-494.2 ft and 493.8-494.6 ft combined into one sample.
10/27/2004	22PC-493.8-494.6-SC	493.80	494.60	This sample is a continuation from run #5, therefore the beginning interval is not the same as the beginning interval of run #6.
10/27/2004	22PC-494.2-494.6-SC	494.20	494.60	
10/27/2004	22PC-494.2-504.2-SC	494.20	504.20	
10/27/2004	22PC-494.6-496.3-SC	494.60	496.30	
10/27/2004	22PC-494.6-497.2-SC	494.60	497.20	
10/27/2004	22PC-496.3-497.7-SC	496.30	497.70	
10/27/2004	22PC-497.2-499.6-SC	497.20	499.60	
10/27/2004	22PC-497.7-499.3-SC	497.70	499.30	
10/27/2004	22PC-499.3-500.9-SC	499.30	500.90	
10/27/2004	22PC-499.6-501.4-SC	499.60	501.40	
10/27/2004	22PC-500.9-502.5-SC	500.90	502.50	
10/27/2004	22PC-501.4-504.2-SC	501.40	504.20	Bottom 0.5 ft of run 6 is a highly oxidized horizon that is reddish orange and clayey (503.7-504.2 ft).

Alluvium Core Logging Form Comments - Nye County Nuclear Waste Repository Project Office

Date Logged	Sample Number	Depth Interval (feet bgs) From	Depth Interval (feet bgs) To	Comments
10/27/2004	22PC-502.5-504.2-SC	502.50	504.20	
10/27/2004	22PC-504.2-505.0-SC	504.20	505.00	
10/27/2004	22PC-504.2-505.8-SC	504.20	505.80	
10/27/2004	22PC-504.2-509.1-SC	504.20	509.10	
10/27/2004	22PC-505.0-509.1-SC	505.00	509.10	
10/27/2004	22PC-505.8-507.4-SC	505.80	507.40	
10/27/2004	22PC-507.4-509.1-SC	507.40	509.10	
10/27/2004	22PC-509.1-509.4-SC	509.10	509.40	
10/27/2004	22PC-509.1-510.0-SC	509.10	510.00	
10/27/2004	22PC-509.1-519.3-SC	509.10	519.30	
10/27/2004	22PC-509.4-513.5-SC	509.40	513.50	
10/27/2004	22PC-510-511.5-SC	510.00	511.50	
10/27/2004	22PC-511.5-513.3-SC	511.50	513.30	
10/27/2004	22PC-513.3-515.3-SC	513.30	515.30	
10/27/2004	22PC-513.5-516.2-SC	513.50	516.20	
10/27/2004	22PC-515.3-517.4-SC	515.30	517.40	
10/27/2004	22PC-516.2-519.2-SC	516.20	519.20	
10/27/2004	22PC-517.4-519.2-SC	517.40	519.20	
10/27/2004	22PC-519.2-519.3-SC	519.20	519.30	
10/27/2004	22PC-519.3-520.4-SC	519.30	520.40	

Alluvium Core Logging Form Comments - Nye County Nuclear Waste Repository Project Office

Date Logged	Sample Number	Depth Interval (feet bgs) From	Depth Interval (feet bgs) To	Comments
10/27/2004	22PC-519.3-526.5-SC	519.30	526.50	
10/27/2004	22PC-520.4-520.7-SC	520.40	520.70	
10/27/2004	22PC-520.4-521.1-SC	520.40	521.10	
10/27/2004	22PC-520.7-522.1-SC	520.70	522.10	
10/27/2004	22PC-521.1-521.8-SC	521.10	521.80	
10/27/2004	22PC-521.8-522.7-SC	521.80	522.70	
10/27/2004	22PC-522.1-523.5-SC	522.10	523.50	
10/27/2004	22PC-522.7-525.5-SC	522.70	525.50	
10/27/2004	22PC-523.5-525.1-SC	523.50	525.10	
10/27/2004	22PC-525.1-526.5-SC	525.10	526.50	
10/27/2004	22PC-525.5-526.5-SC	525.50	526.50	
10/28/2004	22PC-526.5-528.2-SC	526.50	528.20	
10/28/2004	22PC-526.5-529.8-SC	526.50	529.80	From 527.2 - 527.3 ft, very pale brown (10YR 8/2) ash bed. Fine grained and well indurated.
10/28/2004	22PC-526.5-533.1-SC	526.50	533.10	
10/28/2004	22PC-528.2-529.8-SC	528.20	529.80	
10/28/2004	22PC-529.8-531.3-SC	529.80	531.30	
10/28/2004	22PC-529.8-531.6-SC	529.80	531.60	
10/28/2004	22PC-531.3-533.1-SC	531.30	533.10	
10/28/2004	22PC-531.6-533.1-SC	531.60	533.10	
10/28/2004	22PC-533.1-534.1-SC	533.10	534.10	

Alluvium Core Logging Form Comments - Nye County Nuclear Waste Repository Project Office

Date Logged	Sample Number	Depth Interval (feet bgs) From	Depth Interval (feet bgs) To	Comments
10/28/2004	22PC-533.1-534.1-SCA	533.10	534.10	
10/28/2004	22PC-533.1-534.1-SCB	533.10	534.10	
10/28/2004	22PC-534.1-534.5-SC	534.10	534.50	
10/28/2004	22PC-534.1-536.6-SC	534.10	536.60	
10/28/2004	22PC-534.1-544.2-SC	534.10	544.20	
10/28/2004	22PC-534.5-536.2-SC	534.50	536.20	
10/28/2004	22PC-536.2-537.8-SC	536.20	537.80	
10/28/2004	22PC-536.6-537.8-SC	536.60	537.80	
10/28/2004	22PC-537.8-539.2-SC	537.80	539.20	
10/28/2004	22PC-537.8-544.0-SC	537.80	544.00	Interval 540.8 - 541.5 ft is clayey.
10/28/2004	22PC-539.2-540.8-SC	539.20	540.80	
10/28/2004	22PC-540.8-542.4-SC	540.80	542.40	
10/28/2004	22PC-542.4-544.0-SC	542.40	544.00	
10/28/2004	22PC-544.0-544.2-SC	544.00	544.20	Lost core 544.0 - 544.2 ft.
10/28/2004	22PC-544.2-545.1-SC	544.20	545.10	
10/28/2004	22PC-544.2-546.7-SC	544.20	546.70	
10/28/2004	22PC-544.2-550.2-SC	544.20	550.20	
10/28/2004	22PC-545.1-546.7-SC	545.10	546.70	
10/28/2004	22PC-546.7-547.5-SC	546.70	547.50	
10/28/2004	22PC-546.7-548.5-SC	546.70	548.50	

Alluvium Core Logging Form Comments - Nye County Nuclear Waste Repository Project Office

Date Logged	Sample Number	Depth Interval (feet bgs) From	Depth Interval (feet bgs) To	Comments
10/28/2004	22PC-547.5-549.5-SC	547.50	549.50	
10/28/2004	22PC-548.5-550.2-SC	548.50	550.20	
10/28/2004	22PC-549.5-550.2-SC	549.50	550.20	
10/28/2004	22PC-550.2-551.8-SC	550.20	551.80	
10/28/2004	22PC-550.2-552.8-SC	550.20	552.80	
10/28/2004	22PC-550.2-560.2-SC	550.20	560.20	
10/28/2004	22PC-551.8-553.6-SC	551.80	553.60	
10/28/2004	22PC-552.8-554.5-SC	552.80	554.50	
10/28/2004	22PC-553.6-555.3-SC	553.60	555.30	
10/28/2004	22PC-554.5-560.2-SC	554.50	560.20	
10/28/2004	22PC-555.3-556.8-SC	555.30	556.80	
10/28/2004	22PC-556.8-558.5-SC	556.80	558.50	
10/28/2004	22PC-558.5-560.2-SC	558.50	560.20	
10/29/2004	22PC-560.2-560.6-SC	560.20	560.60	
10/29/2004	22PC-560.2-562.8-SC	560.20	562.80	Boulder 560.5 - 561.3 ft.
10/29/2004	22PC-560.2-565.4-SC	560.20	565.40	
10/29/2004	22PC-560.6-562.2-SC	560.60	562.20	
10/29/2004	22PC-562.2-563.8-SC	562.20	563.80	
10/29/2004	22PC-562.8-565.4-SC	562.80	565.40	Oxidation 565.0 - 565.4 ft, 2.5YR 5/8.
10/29/2004	22PC-563.8-565.4-SC	563.80	565.40	

Alluvium Core Logging Form Comments - Nye County Nuclear Waste Repository Project Office

Date Logged	Sample Number	Depth Interval (feet bgs) From	Depth Interval (feet bgs) To	Comments
10/29/2004	22PC-565.4-566.2-SC	565.40	566.20	
10/29/2004	22PC-565.4-567.1-SC	565.40	567.10	
10/29/2004	22PC-565.4-568.1-SC	565.40	568.10	
10/29/2004	22PC-566.2-568.1-SC	566.20	568.10	
10/29/2004	22PC-567.1-568.1-SC	567.10	568.10	
10/29/2004	22PC-568.1-569.6-SC	568.10	569.60	
10/29/2004	22PC-568.1-569.9-SC	568.10	569.90	
10/29/2004	22PC-568.1-578.1-SC	568.10	578.10	
10/29/2004	22PC-569.6-571.3-SC	569.60	571.30	
10/29/2004	22PC-569.9-571.3-SC	569.90	571.30	
10/29/2004	22PC-571.3-572.9-SC	571.30	572.90	
10/29/2004	22PC-571.3-578.1-SC	571.30	578.10	
10/29/2004	22PC-572.9-574.7-SC	572.90	574.70	
10/29/2004	22PC-574.7-576.3-SC	574.70	576.30	
10/29/2004	22PC-576.3-578.1-SC	576.30	578.10	
10/29/2004	22PC-578.1-578.6-SC	578.10	578.60	Moderate cementation is not pervasive; interpreted as thin, cemented layers within the alluvium stratigraphy.
10/29/2004	22PC-578.1-578.8-SC	578.10	578.80	
10/29/2004	22PC-578.1-585.3-SC	578.10	585.30	
10/29/2004	22PC-578.6-582.8-SC	578.60	582.80	
10/29/2004	22PC-578.8-580.6-SC	578.80	580.60	

Alluvium Core Logging Form Comments - Nye County Nuclear Waste Repository Project Office

Date Logged	Sample Number	Depth Interval (feet bgs) From	Depth Interval (feet bgs) To	Comments
10/29/2004	22PC-580.6-581.9-SC	580.60	581.90	
10/29/2004	22PC-581.9-583.6-SC	581.90	583.60	
10/29/2004	22PC-582.8-585.3-SC	582.80	585.30	
10/29/2004	22PC-583.6-585.3-SC	583.60	585.30	
11/1/2004	22PC-585.3-586.2-SC	585.30	586.20	
11/1/2004	22PC-585.3-586.8-SC	585.30	586.80	
11/1/2004	22PC-585.3-595.0-SC	585.30	595.00	
11/1/2004	22PC-586.2-587.0-SC	586.20	587.00	
11/1/2004	22PC-586.8-588.4-SC	586.80	588.40	
11/1/2004	22PC-587.0-587.8-SC	587.00	587.80	
11/1/2004	22PC-587.8-594.5-SC	587.80	594.50	Large gravel clast in GC layer 588.9-589.1 ft.
11/1/2004	22PC-588.4-589.9-SC	588.40	589.90	
11/1/2004	22PC-589.9-591.6-SC	589.90	591.60	
11/1/2004	22PC-591.6-593.3-SC	591.60	593.30	
11/1/2004	22PC-593.3-595.0-SC	593.30	595.00	
11/1/2004	22PC-594.5-595.0-SC	594.50	595.00	
11/1/2004	22PC-595.0-595.7-SC	595.00	595.70	
11/1/2004	22PC-595.0-596.6-SC	595.00	596.60	
11/1/2004	22PC-595.0-599.6-SC	595.00	599.60	
11/1/2004	22PC-595.7-597.3-SC	595.70	597.30	

Alluvium Core Logging Form Comments - Nye County Nuclear Waste Repository Project Office

Date Logged	Sample Number	Depth Interval (feet bgs) From	Depth Interval (feet bgs) To	Comments
11/1/2004	22PC-596.6-598.2-SC	596.60	598.20	
11/1/2004	22PC-597.3-599.6-SC	597.30	599.60	
11/1/2004	22PC-598.2-599.6-SC	598.20	599.60	
11/1/2004	22PC-599.6-600.3-SC	599.60	600.30	
11/1/2004	22PC-599.6-600.5-SC	599.60	600.50	
11/1/2004	22PC-599.6-606.6-SC	599.60	606.60	
11/1/2004	22PC-600.3-601.9-SC	600.30	601.90	
11/1/2004	22PC-600.5-602.0-SC	600.50	602.00	
11/1/2004	22PC-601.9-604.1-SC	601.90	604.10	
11/1/2004	22PC-602.0-603.5-SC	602.00	603.50	
11/1/2004	22PC-603.5-604.9-SC	603.50	604.90	
11/1/2004	22PC-604.1-604.7-SC	604.10	604.70	
11/1/2004	22PC-604.7-606.3-SC	604.70	606.30	
11/1/2004	22PC-604.9-606.3-SC	604.90	606.30	
11/1/2004	22PC-606.3-606.6-SC	606.30	606.60	0.3 ft lost core.
11/1/2004	22PC-606.6-607.9-SC	606.60	607.90	
11/1/2004	22PC-606.6-609.3-SC	606.60	609.30	
11/1/2004	22PC-606.6-615.5-SC	606.60	615.50	
11/1/2004	22PC-607.9-609.3-SC	607.90	609.30	
11/1/2004	22PC-609.3-610.1-SC	609.30	610.10	

Alluvium Core Logging Form Comments - Nye County Nuclear Waste Repository Project Office

Date Logged	Sample Number	Depth Interval (feet bgs) From	Depth Interval (feet bgs) To	Comments
11/1/2004	22PC-609.3-611.0-SC	609.30	611.00	
11/1/2004	22PC-610.1-611.8-SC	610.10	611.80	
11/1/2004	22PC-611.0-612.6-SC	611.00	612.60	
11/1/2004	22PC-611.8-613.6-SC	611.80	613.60	
11/1/2004	22PC-612.6-614.1-SC	612.60	614.10	
11/1/2004	22PC-613.6-615.4-SC	613.60	615.40	
11/1/2004	22PC-614.1-615.4-SC	614.10	615.40	
11/1/2004	22PC-615.4-615.5-SC	615.40	615.50	0.1 ft lost core.
11/2/2004	22PC-615.5-616.9-SC	615.50	616.90	
11/2/2004	22PC-615.5-618.5-SC	615.50	618.50	
11/2/2004	22PC-615.5-625.2-SC	615.50	625.20	Use method 4Fi (see TP 8.0 Rev 5 Section 5.3.2) to determine core segment lengths; unknown core loss precludes calculation of expansion factor. Thin cemented layers throughout run 23.
11/2/2004	22PC-616.9-618.5-SC	616.90	618.50	
11/2/2004	22PC-618.5-620.0-SC	618.50	620.00	
11/2/2004	22PC-618.5-620.5-SC	618.50	620.50	
11/2/2004	22PC-620.0-621.1-SC	620.00	621.10	Cemented layer 620.5 - 620.6 ft.
11/2/2004	22PC-620.5-622.1-SC	620.50	622.10	
11/2/2004	22PC-621.1-623.0-SC	621.10	623.00	
11/2/2004	22PC-622.1-623.7-SC	622.10	623.70	
11/2/2004	22PC-623.0-623.7-SC	623.00	623.70	
11/2/2004	22PC-623.7-625.2-SC	623.70	625.20	Lost core 623.7 - 625.2 ft as determined by method 4Fi (see TP 8.0 Rev 5 Section 5.3.2).

Alluvium Core Logging Form Comments - Nye County Nuclear Waste Repository Project Office

Date Logged	Sample Number	Depth Interval (feet bgs) From	Depth Interval (feet bgs) To	Comments
11/3/2004	22PC-625.2-626.7-SC	625.20	626.70	Tare weight is 0.1 kg because of 4 inch plastic disk and 8 inch plastic socks to accommodate 4 inch core.
11/3/2004	22PC-625.2-629.1-SC	625.20	629.10	No cementation observed. Cementation seems to occur most predominantly within sandier zones where permeabilities would be greater.
11/3/2004	22PC-625.2-632.1-SC	625.20	632.10	Begin coring with the 4.7 inch barrel.
11/3/2004	22PC-626.7-628.4-SC	626.70	628.40	
11/3/2004	22PC-628.4-630.2-SC	628.40	630.20	
11/3/2004	22PC-629.1-629.7-SC	629.10	629.70	
11/3/2004	22PC-629.7-631.0-SC	629.70	631.00	
11/3/2004	22PC-630.2-631.9-SC	630.20	631.90	
11/3/2004	22PC-631.0-631.9-SC	631.00	631.90	10% of gravel clasts are volcanic clasts that are intensely weathered to white clay.
11/3/2004	22PC-631.9-632.1-SC	631.90	632.10	
11/3/2004	22PC-632.1-632.7-SC	632.10	632.70	
11/3/2004	22PC-632.1-634.1-SC	632.10	634.10	Minor cementation observed. Only 1 or 2 fragments implying a very thin (3-5 mm) horizon of cement.
11/3/2004	22PC-632.1-636.1-SC	632.10	636.10	
11/3/2004	22PC-632.7-634.3-SC	632.70	634.30	
11/3/2004	22PC-634.1-635.8-SC	634.10	635.80	
11/3/2004	22PC-634.3-635.8-SC	634.30	635.80	
11/3/2004	22PC-635.8-636.1-SC	635.80	636.10	Lost core 635.8 - 636.1 ft.
11/3/2004	22PC-636.1-636.7-SC	636.10	636.70	
11/3/2004	22PC-636.1-637.7-SC	636.10	637.70	
11/3/2004	22PC-636.1-641.6-SC	636.10	641.60	

Alluvium Core Logging Form Comments - Nye County Nuclear Waste Repository Project Office

Date Logged	Sample Number	Depth Interval (feet bgs) From	Depth Interval (feet bgs) To	Comments
11/3/2004	22PC-636.7-637.9-SC	636.70	637.90	
11/3/2004	22PC-637.7-639.1-SC	637.70	639.10	
11/3/2004	22PC-637.9-639.2-SC	637.90	639.20	
11/3/2004	22PC-639.1-641.3-SC	639.10	641.30	
11/3/2004	22PC-639.2-640.3-SC	639.20	640.30	
11/3/2004	22PC-640.3-641.3-SC	640.30	641.30	
11/3/2004	22PC-641.3-641.6-SC	641.30	641.60	Last core 641.3 - 641.6 ft.
11/3/2004	22PC-641.6-642.1-SC	641.60	642.10	
11/3/2004	22PC-641.6-643.3-SC	641.60	643.30	
11/3/2004	22PC-641.6-648.4-SC	641.60	648.40	
11/3/2004	22PC-642.1-645.0-SC	642.10	645.00	Boulder of nonwelded volcanic tuff at 644.42 - 645.06 ft.
11/3/2004	22PC-643.3-644.6-SC	643.30	644.60	
11/3/2004	22PC-644.6-645.9-SC	644.60	645.90	
11/3/2004	22PC-645.0-646.8-SC	645.00	646.80	
11/3/2004	22PC-645.9-647.1-SC	645.90	647.10	
11/3/2004	22PC-646.8-648.4-SC	646.80	648.40	
11/3/2004	22PC-647.1-648.4-SC	647.10	648.40	
11/4/2004	22PC-648.4-649.0-SC	648.40	649.00	
11/4/2004	22PC-648.4-651.6-SC	648.40	651.60	
11/4/2004	22PC-648.4-656.8-SC	648.40	656.80	

Date Logged	Sample Number	Depth Interval (feet bgs) From	Depth Interval (feet bgs) To	Comments
11/4/2004	22PC-649.0-650.4-SC	649.00	650.40	
11/4/2004	22PC-650.4-651.7-SC	650.40	651.70	
11/4/2004	22PC-651.6-652.8-SC	651.60	652.80	
11/4/2004	22PC-651.7-653.1-SC	651.70	653.10	
11/4/2004	22PC-652.8-655.6-SC	652.80	655.60	
11/4/2004	22PC-653.1-654.5-SC	653.10	654.50	
11/4/2004	22PC-654.5-655.8-SC	654.50	655.80	
11/4/2004	22PC-655.6-656.8-SC	655.60	656.80	
11/4/2004	22PC-655.8-656.8-SC	655.80	656.80	
11/4/2004	22PC-656.8-658.3-SC	656.80	658.30	
11/4/2004	22PC-656.8-658.3-SCA	656.80	658.30	
11/4/2004	22PC-656.8-661.2-SC	656.80	661.20	
11/4/2004	22PC-658.3-659.5-SC	658.30	659.50	
11/4/2004	22PC-658.3-659.7-SC	658.30	659.70	
11/4/2004	22PC-659.5-661.2-SC	659.50	661.20	
11/4/2004	22PC-659.7-661.2-SC	659.70	661.20	
11/4/2004	22PC-661.2-662.1-SC	661.20	662.10	
11/4/2004	22PC-661.2-663.3-SC	661.20	663.30	
11/4/2004	22PC-661.2-668.0-SC	661.20	668.00	
11/4/2004	22PC-662.1-663.7-SC	662.10	663.70	

Alluvium Core Logging Form Comments - Nye County Nuclear Waste Repository Project Office

Date Logged	Sample Number	Depth Interval (feet bgs) From	Depth Interval (feet bgs) To	Comments
11/4/2004	22PC-663.3-666.2-SC	663.30	666.20	
11/4/2004	22PC-663.7-665.2-SC	663.70	665.20	
11/4/2004	22PC-665.2-666.8-SC	665.20	666.80	Boulder 666.55 - 667.40 ft.
11/4/2004	22PC-666.2-668.0-SC	666.20	668.00	
11/4/2004	22PC-666.8-668.0-SC	666.80	668.00	
11/4/2004	22PC-668.0-669.0-SC	668.00	669.00	
11/4/2004	22PC-668.0-670.7-SC	668.00	670.70	
11/4/2004	22PC-668.0-673.9-SC	668.00	673.90	
11/4/2004	22PC-669.0-670.5-SC	669.00	670.50	
11/4/2004	22PC-670.5-672.0-SC	670.50	672.00	
11/4/2004	22PC-670.7-673.2-SC	670.70	673.20	
11/4/2004	22PC-672.0-673.2-SC	672.00	673.20	
11/4/2004	22PC-673.2-673.9-SC	673.20	673.90	
11/5/2004	22PC-673.9-674.4-SC	673.90	674.40	At this point, we no longer tare the "sausage" packaging when we weigh the core segments and the weights on this log are the same as the reconciliation form.
11/5/2004	22PC-673.9-675.3-SC	673.90	675.30	
11/5/2004	22PC-673.9-678.1-SC	673.90	678.10	
11/5/2004	22PC-674.4-675.9-SC	674.40	675.90	
11/5/2004	22PC-675.3-677.3-SC	675.30	677.30	
11/5/2004	22PC-675.9-677.3-SC	675.90	677.30	
11/5/2004	22PC-677.3-678.1-SC	677.30	678.10	

Alluvium Core Logging Form Comments - Nye County Nuclear Waste Repository Project Office

Date Logged	Sample Number	Depth Interval (feet bgs) From	Depth Interval (feet bgs) To	Comments
11/5/2004	22PC-678.1-678.9-SC	678.10	678.90	
11/5/2004	22PC-678.1-679.4-SC	678.10	679.40	
11/5/2004	22PC-678.1-688.1-SC	678.10	688.10	Picked up the unrecovered from run 32, but it was highly disturbed. It was not logged or sampled.
11/5/2004	22PC-678.9-680.3-SC	678.90	680.30	
11/5/2004	22PC-679.4-684.2-SC	679.40	684.20	
11/5/2004	22PC-680.3-681.9-SC	680.30	681.90	
11/5/2004	22PC-681.9-683.3-SC	681.90	683.30	
11/5/2004	22PC-683.3-684.7-SC	683.30	684.70	
11/5/2004	22PC-684.2-686.9-SC	684.20	686.90	
11/5/2004	22PC-684.7-686.1-SC	684.70	686.10	
11/5/2004	22PC-686.1-687.4-SC	686.10	687.40	
11/5/2004	22PC-686.9-687.4-SC	686.90	687.40	
11/5/2004	22PC-687.4-688.1-SC	687.40	688.10	
11/8/2004	22PC-688.1-688.4-SC	688.10	688.40	
11/8/2004	22PC-688.1-689.3-SC	688.10	689.30	
11/8/2004	22PC-688.1-690.3-SC	688.10	690.30	
11/8/2004	22PC-688.4-690.1-SC	688.40	690.10	
11/8/2004	22PC-689.3-690.1-SC	689.30	690.10	
11/8/2004	22PC-690.1-690.3-SC	690.10	690.30	
11/8/2004	22PC-690.3-691.4-SC	690.30	691.40	

Alluvium Core Logging Form Comments - Nye County Nuclear Waste Repository Project Office

Date Logged	Sample Number	Depth Interval (feet bgs) From	Depth Interval (feet bgs) To	Comments
11/8/2004	22PC-690.3-691.9-SC	690.30	691.90	Zeolitic cobble at 691.4 ft.
11/8/2004	22PC-690.3-699.2-SC	690.30	699.20	
11/8/2004	22PC-691.4-692.9-SC	691.40	692.90	
11/8/2004	22PC-691.9-692.7-SC	691.90	692.70	
11/8/2004	22PC-692.7-696.1-SC	692.70	696.10	Sandy layer with less than 15% fines at 693.3 - 693.7 ft and 695.5 -696.1 ft.
11/8/2004	22PC-692.9-694.3-SC	692.90	694.30	
11/8/2004	22PC-694.3-695.6-SC	694.30	695.60	
11/8/2004	22PC-695.6-696.9-SC	695.60	696.90	
11/8/2004	22PC-696.1-699.2-SC	696.10	699.20	Coarse sandy layer with less than 25% of fines at 696.6 - 697.3 ft.
11/8/2004	22PC-696.9-698.1-SC	696.90	698.10	
11/8/2004	22PC-698.1-699.2-SC	698.10	699.20	
11/8/2004	22PC-699.2-699.8-SC	699.20	699.80	
11/8/2004	22PC-699.2-700.9-SC	699.20	700.90	
11/8/2004	22PC-699.2-706.1-SC	699.20	706.10	
11/8/2004	22PC-699.8-701.0-SC	699.80	701.00	
11/8/2004	22PC-700.9-702.1-SC	700.90	702.10	
11/8/2004	22PC-701.0-703.4-SC	701.00	703.40	Large weathered boulder (Tiva or Topopah) at 701.0 - 701.3 ft. Color is 10R 5/2. Weathered to soft clay with feldspar crystals.
11/8/2004	22PC-702.1-703.7-SC	702.10	703.70	
11/8/2004	22PC-703.4-704.9-SC	703.40	704.90	
11/8/2004	22PC-703.7-704.9-SC	703.70	704.90	

Alluvium Core Logging Form Comments - Nye County Nuclear Waste Repository Project Office

Date Logged	Sample Number	Depth Interval (feet bgs) From	Depth Interval (feet bgs) To	Comments
11/8/2004	22PC-704.9-706.1-SC	704.90	706.10	
11/8/2004	22PC-706.1-706.4-SC	706.10	706.40	
11/8/2004	22PC-706.1-707.0-SC	706.10	707.00	
11/8/2004	22PC-706.1-709.0-SC	706.10	709.00	
11/8/2004	22PC-706.4-707.8-SC	706.40	707.80	
11/8/2004	22PC-707.0-709.0-SC	707.00	709.00	
11/8/2004	22PC-707.8-709.0-SC	707.80	709.00	
11/9/2004	22PC-709.0-710.6-SC	709.00	710.60	
11/9/2004	22PC-709.0-712.1-SC	709.00	712.10	
11/9/2004	22PC-709.0-719.0-SC	709.00	719.00	
11/9/2004	22PC-710.6-712.1-SC	710.60	712.10	
11/9/2004	22PC-712.1-713.6-SC	712.10	713.60	
11/9/2004	22PC-712.1-714.0-SC	712.10	714.00	
11/9/2004	22PC-713.6-715.0-SC	713.60	715.00	
11/9/2004	22PC-714.0-715.6-SC	714.00	715.60	
11/9/2004	22PC-715.0-717.1-SC	715.00	717.10	
11/9/2004	22PC-715.6-718.7-SC	715.60	718.70	
11/9/2004	22PC-717.1-718.7-SC	717.10	718.70	
11/9/2004	22PC-718.7-719.0-SC	718.70	719.00	Lost core 718.7 - 719.0 ft.
11/9/2004	22PC-719.0-719.5-SC	719.00	719.50	

Alluvium Core Logging Form Comments - Nye County Nuclear Waste Repository Project Office

Date Logged	Sample Number	Depth Interval (feet bgs) From	Depth Interval (feet bgs) To	Comments
11/9/2004	22PC-719.0-719.7-SC	719.00	719.70	
11/9/2004	22PC-719.0-721.5-SC	719.00	721.50	
11/9/2004	22PC-719.5-720.4-SC	719.50	720.40	
11/9/2004	22PC-719.7-720.9-SC	719.70	720.90	
11/9/2004	22PC-720.4-720.9-SC	720.40	720.90	
11/9/2004	22PC-720.9-721.5-SC	720.90	721.50	Lost core 720.9 - 721.5 ft.
11/9/2004	22PC-721.5-722.3-SC	721.50	722.30	
11/9/2004	22PC-721.5-725.5-SC	721.50	725.50	
11/9/2004	22PC-721.5-729.9-SC	721.50	729.90	
11/9/2004	22PC-722.3-723.7-SC	722.30	723.70	
11/9/2004	22PC-723.7-725.0-SC	723.70	725.00	
11/9/2004	22PC-725.0-726.4-SC	725.00	726.40	
11/9/2004	22PC-725.5-726.0-SC	725.50	726.00	
11/9/2004	22PC-726.0-728.8-SC	726.00	728.80	
11/9/2004	22PC-726.4-727.8-SC	726.40	727.80	
11/9/2004	22PC-727.8-728.8-SC	727.80	728.80	
11/9/2004	22PC-728.8-729.9-SC	728.80	729.90	Lost core 728.8 - 729.9 ft.
11/10/2004	22PC-729.9-730.4-SC	729.90	730.40	
11/10/2004	22PC-729.9-731.5-SC	729.90	731.50	
11/10/2004	22PC-729.9-734.8-SC	729.90	734.80	

Alluvium Core Logging Form Comments - Nye County Nuclear Waste Repository Project Office

Date Logged	Sample Number	Depth Interval (feet bgs) From	Depth Interval (feet bgs) To	Comments
11/10/2004	22PC-730.4-731.8-SC	730.40	731.80	
11/10/2004	22PC-731.5-733.2-SC	731.50	733.20	
11/10/2004	22PC-731.8-733.2-SC	731.80	733.20	
11/10/2004	22PC-733.2-734.8-SC	733.20	734.80	
11/10/2004	22PC-734.8-735.7-SC	734.80	735.70	
11/10/2004	22PC-734.8-736.4-SC	734.80	736.40	Partially oxidized reddish orange.
11/10/2004	22PC-734.8-739.9-SC	734.80	739.90	
11/10/2004	22PC-735.7-737.0-SC	735.70	737.00	
11/10/2004	22PC-736.4-737.1-SC	736.40	737.10	Partially oxidized reddish orange.
11/10/2004	22PC-737.0-738.3-SC	737.00	738.30	
11/10/2004	22PC-737.1-739.6-SC	737.10	739.60	
11/10/2004	22PC-738.3-739.6-SC	738.30	739.60	
11/10/2004	22PC-739.6-739.9-SC	739.60	739.90	
11/10/2004	22PC-739.9-740.5-SC	739.90	740.50	
11/10/2004	22PC-739.9-741.8-SC	739.90	741.80	The top 6 inches of run 43 was very clayey and possibly a true clay layer. It was not recognized during staging. We noticed it while sampling and it was too late at that juncture to break it out. Color: light reddish brown (5YR 6/4). Gravel and sand content was less than 50%. Clay was very soft and highly plastic.
11/10/2004	22PC-739.9-747.0-SC	739.90	747.00	
11/10/2004	22PC-740.5-742.0-SC	740.50	742.00	
11/10/2004	22PC-741.8-743.1-SC	741.80	743.10	
11/10/2004	22PC-742.0-743.4-SC	742.00	743.40	
11/10/2004	22PC-743.1-745.9-SC	743.10	745.90	

Alluvium Core Logging Form Comments - Nye County Nuclear Waste Repository Project Office

Date Logged	Sample Number	Depth Interval (feet bgs) From	Depth Interval (feet bgs) To	Comments
11/10/2004	22PC-743.4-745.0-SC	743.40	745.00	
11/10/2004	22PC-745.0-745.9-SC	745.00	745.90	
11/10/2004	22PC-745.9-747.0-SC	745.90	747.00	Lost core 745.9 - 747.0 ft.
11/10/2004	22PC-747.0-747.4-SC	747.00	747.40	
11/10/2004	22PC-747.0-747.4-SCA	747.00	747.40	Sandy layer with low fines content (~12%) from 747.0 - 747.4 ft. Looks like a good potential production zone.
11/10/2004	22PC-747.0-754.9-SC	747.00	754.90	
11/10/2004	22PC-747.4-748.8-SC	747.40	748.80	
11/10/2004	22PC-747.4-749.1-SC	747.40	749.10	
11/10/2004	22PC-748.8-750.2-SC	748.80	750.20	
11/10/2004	22PC-749.1-752.9-SC	749.10	752.90	Large gray volcanic boulder from 752 - 752.9 ft.
11/10/2004	22PC-750.2-751.7-SC	750.20	751.70	
11/10/2004	22PC-751.7-753.2-SC	751.70	753.20	
11/10/2004	22PC-752.9-754.9-SC	752.90	754.90	
11/10/2004	22PC-753.2-754.9-SC	753.20	754.90	
11/10/2004	22PC-754.9-755.5-SC	754.90	755.50	
11/10/2004	22PC-754.9-756.3-SC	754.90	756.30	
11/10/2004	22PC-754.9-759.5-SC	754.90	759.50	
11/10/2004	22PC-755.5-759.2-SC	755.50	759.20	
11/10/2004	22PC-756.3-758.1-SC	756.30	758.10	
11/10/2004	22PC-758.1-759.5-SC	758.10	759.50	

Alluvium Core Logging Form Comments - Nye County Nuclear Waste Repository Project Office

Date Logged	Sample Number	Depth Interval (feet bgs) From	Depth Interval (feet bgs) To	Comments
11/11/2004	22PC-759.2-759.5-SC	759.20	759.50	
11/11/2004	22PC-759.5-760.3-SC	759.50	760.30	Sediment is highly disturbed because of rod lifting.
11/11/2004	22PC-759.5-761.3-SC	759.50	761.30	Interval 759.9 - 762.8 ft was still wet at end of shift and could not be logged to completion of 11-11-04
11/11/2004	22PC-759.5-763.0-SC	759.50	763.00	Lots of water in core segments. Sediment is over-saturated so density weight is large.
11/11/2004	22PC-760.3-761.6-SC	760.30	761.60	
11/11/2004	22PC-761.3-762.4-SC	761.30	762.40	
11/11/2004	22PC-761.6-762.8-SC	761.60	762.80	
11/11/2004	22PC-762.4-762.8-SC	762.40	762.80	
11/11/2004	22PC-762.8-763.0-SC	762.80	763.00	Lost core 762.8 - 763.0 ft. Total depth 763.0 ft.