

AMPLE: FT. MONMOUTH SOIL  
 ATA COLLECTED ON 22-OCT-86 AT 14:03:04  
 ECAYED TO 43. DAYS, 1.0511 HOURS BEFORE THE START OF COLLECT.

RADIONUCLIDE ANALYSIS REPORT

NUCLIDE	ACTIVITY CONCENTRATION IN UCI/ML	
	MEASURED	DECAY CORRECTED ERROR
C-228	LLD<4.80E-07	LLD<4.80E-07
G-106M	LLD<3.70E-07	LLD<1.29E-05
G-106M	LLD<1.64E-07	LLD<1.64E-07
G-110M	LLD<2.59E-07	LLD<2.91E-07
H-241	LLD<5.13E-07	LLD<5.13E-07
H-198	LLD<1.17E-07	LLD<7.50E-03
HA-133	LLD<2.13E-07	LLD<2.16E-07
HA-140	LLD<4.42E-07	LLD<4.56E-06
HE-7	LLD<1.07E-06	LLD<1.87E-06
HE-207	LLD<1.17E-07	LLD<1.17E-07
HE-212	LLD<1.80E-06	LLD<1.80E-06
HE-214	LLD<3.70E-07	LLD<3.70E-07
HE-109	LLD<3.42E-06	LLD<3.65E-06
HE-139	LLD<1.10E-07	LLD<1.37E-07
HE-141	LLD<1.69E-07	LLD<4.23E-07
HE-143	LLD<2.56E-07	LLD<6.80E+02
HE-144	LLD<8.25E-07	LLD<9.16E-07
HO-56	LLD<1.18E-07	LLD<1.73E-07
HO-57	LLD<1.02E-07	LLD<1.14E-07
HO-58	LLD<1.17E-07	LLD<1.78E-07
HO-60	LLD<1.47E-07	LLD<1.50E-07
HR-51	LLD<9.64E-07	LLD<2.83E-06
HS-132	LLD<2.51E-07	LLD<2.50E-05
HS-134	LLD<1.63E-07	LLD<1.70E-07
HS-136	LLD<1.07E-07	LLD<1.06E-06
HS-137	5.80E-07 ± 6.04E-08	5.82E-07 ± 6.05E-08
HU-152	LLD<7.10E-07	LLD<7.15E-07
HU-154	LLD<3.80E-07	LLD<3.84E-07
HE-59	LLD<1.89E-07	LLD<3.70E-07
HF-175	LLD<1.30E-07	LLD<1.98E-07
HF-181	LLD<1.28E-07	LLD<2.56E-07
HG-203	LLD<1.09E-07	LLD<2.07E-07
I-131	LLD<1.23E-07	LLD<4.99E-06
I-133	LLD<1.32E-07	LLD<1.18E+08
IR-192	LLD<1.14E-07	LLD<1.70E-07
IC-40	LLD<3.10E-06	LLD<3.10E-06
IR-85	LLD<3.06E-05	LLD<3.09E-05
LA-140	LLD<7.93E-08	LLD<4.28E+00
LN-52	LLD<1.19E-07	LLD<2.30E-05
LN-54	LLD<1.26E-07	LLD<1.39E-07
MG-99	LLD<8.33E-07	LLD<4.27E-02
MA-22	LLD<1.35E-07	LLD<1.39E-07
MB-95	LLD<1.17E-07	LLD<2.72E-07
MD-147	LLD<8.42E-07	LLD<1.25E-05
MF-239	LLD<8.66E-07	LLD<2.14E-01
PA-234M	LLD<1.37E-05	LLD<1.37E-05
PB-212	LLD<2.35E-07	LLD<2.35E-07
PB-214	LLD<3.68E-07	LLD<3.68E-07
PA-223	LLD<1.64E-06	LLD<1.64E-06
RU-103	LLD<9.90E-08	LLD<2.11E-07
RU-106	LLD<1.02E-06	LLD<1.11E-06

AA/81

B-124	LLD<1.48E-07	LLD<2.42E-07
B-125	LLD<3.68E-07	LLD<3.79E-07
B-127	LLD<3.07E-07	LLD<7.13E-04
C-46	LLD<1.66E-07	LLD<2.37E-07
E-75	LLD<1.55E-07	LLD<1.98E-07
IN-113	LLD<1.02E-07	LLD<1.33E-07
IR-85	LLD<1.34E-07	LLD<2.13E-07
IA-182	LLD<4.62E-07	LLD<5.98E-07
IA-183	LLD<2.86E-07	LLD<1.12E-04
IE-132	LLD<9.67E-08	LLD<9.66E-04
IH-227	LLD<9.55E-07	LLD<9.55E-07
IL-208	LLD<4.48E-07	LLD<4.48E-07
I-235	LLD<7.96E-07	LLD<7.96E-07
I-187	LLD<3.51E-07	LLD<3.61E+06
YE-131N	LLD<4.69E-06	LLD<5.96E-05
YE-133	LLD<4.28E-07	LLD<1.29E-04
YE-133N	LLD<9.74E-07	LLD<7.99E-01
Y-88	LLD<1.22E-07	LLD<1.62E-07
ZN-65	LLD<3.09E-07	LLD<3.38E-07
ZR-95	LLD<1.87E-07	LLD<2.97E-07

-----  
TOTAL      5.80E-07 +- 6.04E-08      5.82E-07 +- 6.05E-08

ERROR QUOTATION AT 1.00 SIGMA  
LLD CONFIDENCE LEVEL AT 95.0%