Area 9 Radionuclides Analytical Results

LOCATION	SAMPLE NAME	SBD	SED	SAMPLE DATE	SAMPLE TYPE	RADIUM-226	RADIUM-228	THORIUM-232	URANIUM
						pci/g	pci/g	mg/kg	mg/kg
PA-EEE1	PA-EEE1-1	0.5	2.5	3/8/05	N	1.6+/-0.3	2.1+/-0.4	6.5	3.3
PA-EEE1	PA-EEE1-5	3.5	5	3/8/05	N	1.5+/-0.3	1.7+/-0.3	5.6	1.4
PA-EEE1	PA-EEE1-10	8.5	10	3/8/05	N	1.5+/-0.3	1.4+/-0.4	6.6	1.7
PA-EEE1	PA-EEE1-15	13.5	15	3/8/05	N	1.1+/-0.2	1.5+/-0.3	9.5	1.5
PA-EEE1	PA-EEE1-20	18.5	20	3/8/05	N	1.4+/-0.3	1.9+/-0.7	7.7	1.5
PA-EEE1	PA-EEE1-25	23.5	25	3/8/05	N	1.6+/-0.4	2+/-0.5	6	1.4
PA-EEE10	PA-EEE10-1B	0.5	2.5	3/6/05	FD	2+/-0.2	1.5+/-0.2	7.8	1.4
PA-EEE10	PA-EEE10-1	0.5	2.5	3/6/05	N	1.6+/-0.2	1.4+/-0.2	7	1.4
PA-EEE10	PA-EEE10-5	3.5	5	3/6/05	N	1.7+/-0.2	1.3+/-0.2	4.6	0.9
PA-EEE10	PA-EEE10-10	8.5	10	3/6/05	N	1.1+/-0.1	1+/-0.1	8.2	1.3
PA-EEE10	PA-EEE10-15	13.5	15	3/6/05	N	1+/-0.1	1+/-0.2	5.9	1.3
PA-EEE10	PA-EEE10-20	18.5	20	3/6/05	N	1+/-0.1	<1+/-0	5.4	1
PA-EEE10	PA-EEE10-25	23.5	25	3/6/05	N	1.4+/-0.2	1.5+/-0.2	5.9	1.1
PA-EEE11	PA-EEE11-1	0.5	2.5	3/5/05	N	1.5+/-0.2	6.4+/-0.4	73.8	27.9
PA-EEE11	PA-EEE11-5	3.5	5	3/5/05	N	1.3+/-0.2	3.1+/-0.3	20.9	16.2
PA-EEE11	PA-EEE11-10	8.5	10	3/5/05	N	1.1+/-0.1	<1+/-0	6.5	18
PA-EEE11	PA-EEE11-15	13.5	15	3/5/05	N	1.2+/-0.1	1.1+/-0.2	7.2	9.5
PA-EEE11	PA-EEE11-20	18.5	20	3/5/05	N	1.2+/-0.1	1.3+/-0.2	7.4	13.3
PA-EEE11	PA-EEE11-25	23.5	25	3/5/05	N	1.3+/-0.1	1.1+/-0.2	5.3	3.7
PA-EEE12	PA-EEE12-1B	0.5	2.5	3/5/05	FD	1.5+/-0.2	1.8+/-0.2	9.9	3.2
PA-EEE12	PA-EEE12-1	0.5	2.5	3/5/05	N	1.5+/-0.2	1.7+/-0.2	10.6	4.8
PA-EEE12	PA-EEE12-5	3.5	5	3/5/05	N	1.1+/-0.1	1.1+/-0.2	7	2.7
PA-EEE12	PA-EEE12-10	8.5	10	3/5/05	N	1.7+/-0.2	1.7+/-0.2	10.8	4.3
PA-EEE12	PA-EEE12-15	13.5	15	3/5/05	N	1+/-0.1	1.2+/-0.2	9.5	4.4
PA-EEE12	PA-EEE12-20	18.5	20	3/5/05	N	1.1+/-0.1	1.2+/-0.2	5.1	1.1
PA-EEE12	PA-EEE12-25	23.5	25	3/5/05	N	1.2+/-0.1	1.2+/-0.2	7	1.1
PA-EEE13	PA-EEE13-1	0.5	2.5	3/5/05	N	5.1+/-0.5	9.3+/-1.1	66.3	40.9
PA-EEE13	PA-EEE13-5	3.5	5	3/5/05	N	1.4+/-0.3	1.7+/-0.3	12.4	6.6
PA-EEE13	PA-EEE13-10	8.5	10	3/5/05	N	1.2+/-0.3	1.6+/-0.4	9	5.1
PA-EEE13	PA-EEE13-15	13.5	15	3/5/05	N	1.2+/-0.3	1.5+/-0.4	8.1	4.5
PA-EEE13	PA-EEE13-20	18.5	20	3/5/05	N	1+/-0.2	2+/-0.3	7.9	6
PA-EEE13	PA-EEE13-25	23.5	25	3/5/05	N	1.5+/-0.4	1.7+/-0.5	7.9	4.5
PA-EEE14	PA-EEE14-1B	0.5	2.5	3/5/05	FD	2.9+/-0.5	14.2+/-1.2	155	56
PA-EEE14	PA-EEE14-1	0.5	2.5	3/5/05	N	2.4+/-0.8	16.9+/-1.2	157	53.8
PA-EEE14	PA-EEE14-5	3.5	5	3/5/05	N	1.8+/-0.5	4.4+/-0.7	31	24.8
PA-EEE14	PA-EEE14-10	8.5	10	3/5/05	N	1.4+/-0.3	1.9+/-0.4	8.1	16.1
PA-EEE14	PA-EEE14-15	13.5	15	3/5/05	N	1.5+/-0.4	2.1+/-0.3	8.9	7.1
PA-EEE14	PA-EEE14-20	18.5	20	3/5/05	N	1.5+/-0.4	1.8+/-0.6	5.2	3
PA-EEE14	PA-EEE14-25	23.5	25	3/5/05	N	1.7+/-0.2	1.9+/-0.3	5.8	1.4
PA-EEE15	PA-EEE15-1	0.5	2.5	3/4/05	N	2.6+/-0.5	3.5+/-0.9	12.6	4
PA-EEE15	PA-EEE15-5	3.5	5	3/4/05	N	1.1+/-0.2	1.5+/-0.4	5.7	4.3

PA-EEE15	PA-EEE15-10	8.5	10	3/4/05	N	1.3+/-0.3	1.7+/-0.3	5.7	3.8
PA-EEE15	PA-EEE15-15	13.5	15	3/4/05	N	1.1+/-0.1	1.2+/-0.2	5.2	2.4
PA-EEE15	PA-EEE15-20	18.5	20	3/4/05	N	1+/-0.1	<1+/-0	5.9	5.5
PA-EEE15	PA-EEE15-25	23.5	25	3/4/05	N	1.1+/-0.1	1+/-0.2	5.7	10.2
PA-EEE16	PA-EEE16-1B	0.5	2.5	3/9/05	FD	1.7+/-0.3	1.4+/-0.5	6.4	4.8
PA-EEE16	PA-EEE16-1	0.5	2.5	3/9/05	N	1.5+/-0.3	2.2+/-0.4	7.7	4.4
PA-EEE16	PA-EEE16-5	3.5	5	3/9/05	N	1.4+/-0.3	1.5+/-0.3	5.1	2.9
PA-EEE16	PA-EEE16-10	8.5	10	3/9/05	N	1.6+/-0.5	2.5+/-0.4	8.1	1.6
PA-EEE16	PA-EEE16-15	13.5	15	3/9/05	N	1.5+/-0.3	1.9+/-0.3	13.4	2.5
PA-EEE16	PA-EEE16-20	18.5	20	3/9/05	N	1+/-0.3	1.5+/-0.3	6.2	2
PA-EEE16	PA-EEE16-25	23.5	25	3/9/05	N	1.7+/-0.3	2.2+/-0.4	6.5	2.2
PA-EEE17	PA-EEE17-1	0.5	2.5	3/8/05	N	4.9+/-0.5	24.4+/-1.6	241	42.8
PA-EEE17	PA-EEE17-5	3.5	5	3/8/05	N	1.9+/-0.5	7.6+/-0.8	76	21.2
PA-EEE17	PA-EEE17-10	8.5	10	3/8/05	N	2+/-0.4	6.1+/-0.7	<0.5	<0.5
PA-EEE17	PA-EEE17-15	13.5	15	3/8/05	N	2.4+/-0.5	7.2+/-1.1	40.8	10.2
PA-EEE17	PA-EEE17-20	18.5	20	3/8/05	N	1.4+/-0.4	5.8+/-0.6	36.7	20
PA-EEE18	PA-EEE18-1B	5	7	3/8/05	FD	1.3+/-0.1	1.4+/-0.2	7.5	1.4
PA-EEE18	PA-EEE18-1	5	7	3/8/05	N	1.4+/-0.2	1.5+/-0.2	6.9	1.6
PA-EEE18	PA-EEE18-5	8.5	10	3/8/05	N	1.2+/-0.1	<1+/-0	5.3	1.4
PA-EEE18	PA-EEE18-10	13.5	15	3/8/05	N	1.2+/-0.1	1.1+/-0.2	5	1.2
PA-EEE18	PA-EEE18-15	18.5	20	3/8/05	N	1.4+/-0.5	<1+/-0	6.3	2.1
PA-EEE18	PA-EEE18-20	23.5	25	3/8/05	N	1.1+/-0.1	1.3+/-0.2	7.3	10.4
PA-EEE18	PA-EEE18-25	28.5	30	3/8/05	N	1.2+/-0.1	1.2+/-0.2	8.3	8
PA-EEE19	PA-EEE19-1	0.5	2.5	3/17/05	N	1.7+/-0.3	1.6+/-0.4	6.2	1.5
PA-EEE19	PA-EEE19-5	4	5	3/17/05	N	1.5+/-0.3	1.4+/-0.3	5.2	1.2
PA-EEE19	PA-EEE19-10	9	10	3/17/05	N	1.3+/-0.2	1.9+/-0.3	5.2	1.3
PA-EEE19	PA-EEE19-15	14	15	3/17/05	N	1.6+/-0.4	1.9+/-0.4	8.8	1.6
PA-EEE19	PA-EEE19-20	19	20	3/17/05	N	1.3+/-0.3	2.3+/-0.4	7.2	1.8
PA-EEE19	PA-EEE19-25	24	25	3/17/05	N	1.8+/-0.3	3+/-0.4	8	2.9
PA-EEE2	PA-EEE2-1B	0.5	2.5	3/8/05	FD	4.1+/-0.5	12.6+/-1.2	98.4	31
PA-EEE2	PA-EEE2-1	0.5	2.5	3/8/05	N	5.7+/-1	14.4+/-1.6	110	36.6
PA-EEE2	PA-EEE2-5	3.5	5	3/8/05	N	1.8+/-0.4	3.8+/-0.6	34.7	12.2
PA-EEE2	PA-EEE2-10	8.5	10	3/8/05	N	1.2+/-0.2	2.1+/-0.4	8.6	29.6
PA-EEE2	PA-EEE2-15	13.5	15	3/8/05	N	1.5+/-0.3	1.8+/-0.6	10.6	12.6
PA-EEE2	PA-EEE2-20	18.5	20	3/8/05	N	1.4+/-0.3	2.1+/-0.4	11.8	16
PA-EEE2	PA-EEE2-25	23.5	25	3/8/05	N	1.9+/-0.3	2+/-0.4	6.6	7
PA-EEE20	PA-EEE20-1	0.5	1.5	3/17/05	N	1.2+/-0.1	<1+/-0	9.2	5.8
PA-EEE20	PA-EEE20-5	4	5	3/17/05	N	1.1+/-0.1	1.4+/-0.2	9.3	2
PA-EEE20	PA-EEE20-10	9	10	3/17/05	N	1.3+/-0.2	1.3+/-0.2	8.1	1.8
PA-EEE20	PA-EEE20-15	14	15	3/17/05	N	1.4+/-0.2	1.6+/-0.2	9.8	2.1
PA-EEE20	PA-EEE20-20	19	20	3/17/05	N	1.3+/-0.2	1.4+/-0.2	8.6	2.8
PA-EEE20	PA-EEE20-25	24	25	3/17/05	N	1.1+/-0.1	1.2+/-0.2	7.1	1.8
PA-EEE21	PA-EEE21-1	0.5	1.5	3/17/05	N	1.2+/-0.1	<1+/-0	5.7	1.7
PA-EEE21	PA-EEE21-5	4	5	3/17/05	N	1.3+/-0.2	1.3+/-0.2	6.5	1.4
PA-EEE21	PA-EEE21-10	9	10	3/17/05	N	1.3+/-0.1	1.2+/-0.2	6.3	13
PA-EEE21	PA-EEE21-15	14	15	3/17/05	N	1.2+/-0.1	1.3+/-0.2	6	3.2
PA-EEE21	PA-EEE21-20	19	20	3/17/05	N	1.5+/-0.2	1.7+/-0.2	11.9	3.2
PA-EEE21	PA-EEE21-25	24	25	3/17/05	N	1.4+/-0.2	1.9+/-0.2	10.8	8.7
PA-EEE3	PA-EEE3-1	0.5	2.5	3/8/05	N	1+/-0.1	<1+/-0	9.6	1.4

PA-EEE3	PA-EEE3-5	3.5	5	3/8/05	N	1.2+/-0.1	<1+/-0	5.1	1.3
PA-EEE3	PA-EEE3-10	8.5	10	3/8/05	N	1.1+/-0.1	<1+/-0	5.4	1.2
PA-EEE3	PA-EEE3-15	13.5	15	3/8/05	N	1.1+/-0.1	1+/-0.2	5.8	1.2
PA-EEE3	PA-EEE3-20	18.5	20	3/8/05	N	1.3+/-0.1	1.5+/-0.2	5.8	1.3
PA-EEE3	PA-EEE3-25	23.5	25	3/8/05	N	1.5+/-0.2	1.4+/-0.2	7	1.8
PA-EEE4	PA-EEE4-1B	0.5	2.5	3/8/05	FD	1.3+/-0.1	1.2+/-0.2	5.7	1.3
PA-EEE4	PA-EEE4-1	0.5	2.5	3/8/05	N	1.3+/-0.1	<1+/-0	6	1.2
PA-EEE4	PA-EEE4-5	3.5	5	3/8/05	N	1.1+/-0.1	1.3+/-0.2	5.5	1.4
PA-EEE4	PA-EEE4-10	8.5	10	3/8/05	N	1.1+/-0.1	1.5+/-0.2	3.9	1
PA-EEE4	PA-EEE4-15	13.5	15	3/8/05	N	1.1+/-0.1	1.2+/-0.2	6.4	1.3
PA-EEE4	PA-EEE4-20	18.5	20	3/8/05	N	1.2+/-0.1	1.4+/-0.2	5.7	1.4
PA-EEE4	PA-EEE4-25	23.5	25	3/8/05	N	1.4+/-0.2	1.1+/-0.2	7.5	1.5
PA-EEE5	PA-EEE5-1	0.5	2.5	3/7/05	N	1.7+/-0.4	5.4+/-0.5	52.4	11.5
PA-EEE5	PA-EEE5-5	3.5	5	3/7/05	N	1.8+/-0.4	2.2+/-0.4	13.2	8.1
PA-EEE5	PA-EEE5-10	8.5	10	3/7/05	N	1.5+/-0.3	2.1+/-0.4	9.4	10.6
PA-EEE5	PA-EEE5-15	13.5	15	3/7/05	N	1.3+/-0.3	2.4+/-0.4	10	4.3
PA-EEE5	PA-EEE5-20	18.5	20	3/7/05	N	1.7+/-0.3	2.2+/-0.5	7.7	2.4
PA-EEE5	PA-EEE5-25	23.5	25	3/7/05	N	1.4+/-0.3	2.6+/-0.6	8	3.5
PA-EEE6	PA-EEE6-1B	0.5	2.5	3/7/05	FD	1.4+/-0.2	1.6+/-0.2	6.7	1.4
PA-EEE6	PA-EEE6-1	0.5	2.5	3/7/05	N	1.3+/-0.2	1.4+/-0.2	7.4	1.2
PA-EEE6	PA-EEE6-5	3.5	5	3/7/05	N	1+/-0.1	<1+/-0	4.1	1.1
PA-EEE6	PA-EEE6-10	8.5	10	3/7/05	N	1+/-0.1	<1+/-0	7.9	1.7
PA-EEE6	PA-EEE6-15	13.5	15	3/7/05	N	1.1+/-0.1	1.3+/-0.2	5.4	1.2
PA-EEE6	PA-EEE6-20	18.5	20	3/7/05	N	1.2+/-0.1	1.5+/-0.2	6.8	1.2
PA-EEE6	PA-EEE6-25	23.5	25	3/7/05	N	1.3+/-0.2	1.9+/-0.2	10.5	2.1
PA-EEE7	PA-EEE7-1	0.5	2.5	3/6/05	N	1.6+/-0.4	1.2+/-0.4	7.4	2.6
PA-EEE7	PA-EEE7-5	3.5	5	3/6/05	N	1.3+/-0.2	1.5+/-0.4	5.7	1.4
PA-EEE7	PA-EEE7-10	8.5	10	3/6/05	N	1.2+/-0.5	1.6+/-0.3	6	1.3
PA-EEE7	PA-EEE7-15	13.5	15	3/6/05	N	1.3+/-0.3	1.1+/-0.2	14.4	4
PA-EEE7	PA-EEE7-20	18.5	20	3/6/05	N	1.4+/-0.3	2.2+/-0.4	6.3	1.2
PA-EEE7	PA-EEE7-25	23.5	25	3/6/05	N	1.5+/-0.4	1.6+/-0.5	5.4	1.2
PA-EEE8	PA-EEE8-1B	0.5	2.5	3/6/05	FD	2.1+/-0.4	5.7+/-0.7	46.6	13.2
PA-EEE8	PA-EEE8-1	0.5	2.5	3/6/05	N	2.1+/-0.5	5.2+/-0.9	36.6	20
PA-EEE8	PA-EEE8-5	3.5	5	3/6/05	N	1.9+/-0.4	4.7+/-0.5	23.4	42.4
PA-EEE8	PA-EEE8-10	8.5	10	3/6/05	N	1.4+/-0.3	2.3+/-0.5	10.8	20.1
PA-EEE8	PA-EEE8-15	13.5	15	3/6/05	N	1.7+/-0.3	2.2+/-0.5	12.6	9.8
PA-EEE8	PA-EEE8-20	18.5	20	3/6/05	N	1.9+/-0.2	1.6+/-0.4	9.1	6.1
PA-EEE8	PA-EEE8-25	23.5	25	3/6/05	N	1.4+/-0.3	1.5+/-0.4	6.1	12.1
PA-EEE9	PA-EEE9-1	0.5	2.5	3/6/05	N	1.3+/-0.1	1.3+/-0.2	11	2
PA-EEE9	PA-EEE9-5	3.5	5	3/6/05	N	1.3+/-0.1	1+/-0.2	5.8	1.2
PA-EEE9	PA-EEE9-10	8.5	10	3/6/05	N	1.1+/-0.1	1.1+/-0.2	7.9	1.6
PA-EEE9	PA-EEE9-15	13.5	15	3/6/05	N	1.5+/-0.2	1.5+/-0.2	8.3	1.6
PA-EEE9	PA-EEE9-20	18.5	20	3/6/05	N	1.3+/-0.1	1.6+/-0.2	7.2	1.6
PA-EEE9	PA-EEE9-25	23.5	25	3/6/05	N	1.4+/-0.2	1.5+/-0.2	14.2	1.9

N - Normal sample.

FD - Field duplicate.

J - Estimated result.

R - Rejected result. Laboratory reported result was rejected and not used for any purpose.

SBD - Sample beginning depth.
SED - Sample end depth.