EE/CA Table 1

Metals and Pesticides in Surface Soil

Caneel Bay Site

		Location ID:	IA-1-01 A	IA-1-01 B	IA-1-01 C	IA-1-02 A	IA-1-02 B	IA-1-02 C	IA-1-03 A	IA-1-03 B	IA-1-03 C	IA-1-04 A	IA-1-04 B	IA-1-04 C
		Sample Date:	2/24/2021	2/24/2021	2/24/2021	2/24/2021	2/24/2021	2/24/2021	2/24/2021	2/24/2021	2/24/2021	2/24/2021	2/24/2021	2/24/2021
		Interval (ftbgs):	0 - 0.5'	0 - 0.5'	0 - 0.5'	0 - 0.5'	0 - 0.5'	0 - 0.5'	0 - 0.5'	0 - 0.5'	0 - 0.5'	0 - 0.5'	0 - 0.5'	0 - 0.5'
Analyte (mg/kg)	**CAS**	**Soil Removal Goal**												
Metals														
Arsenic	7440-38-2	2	**2.2**	**2.5**	**2.3**	**5.9**	**5.4**	**7.6**	**2**	1.9	**2.2**	1.7	1.7	1.9
Barium	7440-39-3	185	64	66	62	72	64	71	64	64	63	69	68	72
Copper	7440-50-8	99	**99**	**120**	**120**	96	83	87	85	84	85	77	78	79
Zinc	7440-66-6	147	110	110	110	120	100	110	71	67	72	**150**	110	140
Pesticides														
4,4-DDD	72-54-8	0.17	*U / 0.0014*	*U / 0.0014*	*U / 0.0014*	*U / 0.0015*	*U / 0.0015*	*U / 0.0015*	*U / 0.0013*	*U / 0.0013*	*U / 0.0013*	*U / 0.0013*	*U / 0.0015*	*U / 0.0015*
4,4-DDE	72-55-9	0.17	0.01	0.0037 J	0.0095	0.01	0.0064	0.017	*U / 0.0013*	*U / 0.0014*	*U / 0.0013*	*U / 0.0013*	*U / 0.0015*	*U / 0.0015*
4,4-DDT	50-29-3	0.17	0.0024 J	0.0046 J	0.0034 J	*U / 0.0011*	*U / 0.0011*	0.0031 J	*U / 0.00097*	*U / 0.001*	0.0016 J	*U / 0.001*	*U / 0.11*	*U / 0.0011*
DDT-Total		0.17	0.0124	0.0083	0.0129	0.01	0.0064	0.0201	*U /*	*U /*	0.0016	*U /*	*U /*	*U /*
Aldrin	309-00-2	0.018	*U / 0.00075*	*U / 0.00073*	*U / 0.00074*	*U / 0.00076*	*U / 0.00076*	*U / 0.00077*	*U / 0.00066*	*U / 0.00069*	*U / 0.00066*	*U / 0.00069*	*U / 0.00078*	*U / 0.00076*
alpha-Chlordane	5103-71-9	1.2	*U / 0.0015*	*U / 0.0014*	*U / 0.0014*	*U / 0.0015*	*U / 0.0015*	*U / 0.0015*	*U / 0.0013*	*U / 0.0013*	*U / 0.0013*	*U / 0.0013*	*U / 0.0015*	*U / 0.0015*
Chlordane, Technical	12789-03-6	1.2	*U / 0.012*	*U / 0.011*	*U / 0.012*	*U / 0.012*	*U / 0.012*	*U / 0.012*	*U / 0.01*	*U / 0.011*	*U / 0.01*	*U / 0.011*	*U / 0.012*	*U / 0.012*
trans-Chlordane	5103-74-2	1.2	*U / 0.0012*	*U / 0.0012*	*U / 0.0012*	*U / 0.0012*	*U / 0.0012*	*U / 0.0012*	*U / 0.0011*	*U / 0.0011*	*U / 0.0011*	*U / 0.0011*	*U / 0.0012*	*U / 0.0012*
Dieldrin	60-57-1	0.034	*U / 0.0011*	*U / 0.001*	*U / 0.0011*	*U / 0.0011*	*U / 0.0011*	0.0011 J	*U / 0.00095*	*U / 0.00099*	*U / 0.00095*	*U / 0.00098*	*U / 0.0011*	*U / 0.0011*

Notes

J	Value is estimated greater than Laboratory MDL, but less than Laboratory LOQ
J+	Value is estimated greater than Laboratory MDL, but less than Laboratory LOQ (High Bias)
U	Value is below the Laboratory MDL (Limit Shown)
mg/kg	Milligrams per kilogram

EE/CA Table 1

Metals and Pesticides in Surface Soil

Caneel Bay Site

		Location ID:	IA-2-01 A	IA-2-01 B	IA-2-01 C	IA-2-02 A	IA-2-02 B	IA-2-02 C	IA-2-03 A	IA-2-03 B	IA-2-03 C	IA-2-04 A	IA-2-04 B	IA-2-04 C
		Sample Date:	2/20/2021	2/20/2021	2/20/2021	2/20/2021	2/20/2021	2/20/2021	2/18/2021	2/18/2021	2/18/2021	2/18/2021	2/18/2021	2/18/2021
		Interval (ftbgs):	0 - 0.5'	0 - 0.5'	0 - 0.5'	0 - 0.5'	0 - 0.5'	0 - 0.5'	0 - 0.5'	0 - 0.5'	0 - 0.5'	0 - 0.5'	0 - 0.5'	0 - 0.5'
Analyte (mg/kg)	**CAS**	**Soil Removal Goal**												
Metals														
Arsenic	7440-38-2	2	**5.2**	**5.2**	**6.8**	**2.6**	**2.8**	**2.4**	**4.2**	**3.9 J+**	**3.7 J+**	**6.8**	**5.9**	**8.2**
Barium	7440-39-3	185	96	90	**220**	61	66	64	56	54 J+	56 J+	49	50	47
Copper	7440-50-8	99	79	86	84	**200**	84	86	75	72 J+	75 J+	83	91	85
Zinc	7440-66-6	147	**300**	**320**	**330**	130	**170**	140	110	95 J+	94 J+	140	130	130
Pesticides														
4,4-DDD	72-54-8	0.17	*U / 0.03*	*U / 0.015*	*U / 0.015*	**2.1**	**2.4**	**2.2**	*U / 0.0015*	*U / 0.0014*	*U / 0.0015*	*U / 0.0074*	*U / 0.0015*	*U / 0.0014*
4,4-DDE	72-55-9	0.17	0.031 J	0.028 J	0.16	**2.7**	**3.1**	**3.9**	0.0075	0.013 J+	0.0089 J+	0.022 J	0.02	0.048
4,4-DDT	50-29-3	0.17	*U / 0.023*	0.097	0.039 J	**3.9**	**6.7**	**6.2**	0.0041 J	0.0045 J	0.0021 J	*U / 0.0057*	0.0048 J	0.0054
DDT-Total		0.17	0.031	0.125	**0.199**	**6.6**	**9.8**	**10.1**	0.0116	0.0175	0.011	*U /*	0.0248	0.0534
Aldrin	309-00-2	0.018	**0.024 J**	**0.022 J**	**0.043 J**	*U / 0.036*	*U / 0.015*	*U / 0.038*	*U / 0.00077*	*U / 0.00074*	*U / 0.00077*	*U / 0.0039*	*U / 0.00076*	*U / 0.00075*
alpha-Chlordane	5103-71-9	1.2	*U / 0.03*	*U / 0.015*	*U / 0.015*	*U / 0.07*	0.14	*U / 0.075*	*U / 0.0015*	*U / 0.0014*	*U / 0.0015*	*U / 0.0075*	*U / 0.0015*	0.0066
Chlordane, Technical	12789-03-6	1.2	*U / 0.24*	*U / 0.12*	*U / 0.12*	*U / 0.56*	0.67 J	*U / 0.6*	*U / 0.012*	*U / 0.012*	*U / 0.012*	*U / 0.06*	0.017 J	0.034 J
trans-Chlordane	5103-74-2	1.2	*U / 0.025*	*U / 0.012*	*U / 0.012*	*U / 0.057*	0.13 J-	*U / 0.061*	*U / 0.0012*	*U / 0.0012*	*U / 0.0012*	0.0069 J	0.0024 J	0.0063 J-
Dieldrin	60-57-1	0.034	**2.3**	**1.3**	**5.4**	*U / 0.051*	0.021 J	*U / 0.055*	*U / 0.0011*	*U / 0.0011*	*U / 0.0011*	*U / 0.0055*	0.0021 J	0.0067

Notes

J	Value is estimated greater than Laboratory MDL, but less than Laboratory LOQ
J+	Value is estimated greater than Laboratory MDL, but less than Laboratory LOQ (High Bias)
U	Value is below the Laboratory MDL (Limit Shown)
mg/kg	Milligrams per kilogram

EE/CA Table 1

Metals and Pesticides in Surface Soil

Caneel Bay Site

		Location ID:	IA-2-05A	IA-2-05B	IA-2-05C	IA-3-01 A	IA-3-01 B	IA-3-01 C	IA-3-02 A	IA-3-02 B	IA-3-02 C	IA-3-03 A	IA-3-03 B	IA-3-03 C
		Sample Date:	2/16/2021	2/16/2021	2/16/2021	2/21/2021	2/21/2021	2/21/2021	2/21/2021	2/21/2021	2/21/2021	2/23/2021	2/23/2021	2/23/2021
		Interval (ftbgs):	0 - 0.5'	0 - 0.5'	0 - 0.5'	0 - 0.5'	0 - 0.5'	0 - 0.5'	0 - 0.5'	0 - 0.5'	0 - 0.5'	0 - 0.5'	0 - 0.5'	0 - 0.5'
Analyte (mg/kg)	**CAS**	**Soil Removal Goal**												
Metals														
Arsenic	7440-38-2	2	**8.2 ***	**11**	**10**	1.7	1.9 J+	**2.1 J+**	**2.5**	**2.6**	**3**	**2.2**	**2**	**3.2**
Barium	7440-39-3	185	67 *	72	70	66	65 J+	72 J+	64	58	55	85	77	74
Copper	7440-50-8	99	76 *	82	84	77	78 J+	81 J+	72	65	65	62	60	**110**
Zinc	7440-66-6	147	79 *	96	98	74	72 J+	76 J+	64	65	59	44	42	54
Pesticides														
4,4-DDD	72-54-8	0.17	*U / 0.0014*	*U / 0.0014*	*U / 0.0015*	*U / 0.0013*	*U / 0.0065*	*U / 0.0014*	0.0047 J	*U / 0.0015*	*U / 0.0015*	*U / 0.0014*	*U / 0.0015*	*U / 0.0015*
4,4-DDE	72-55-9	0.17	0.0029 J	0.0027 J	0.0034 J	0.0083	0.014 J	0.0085 J+	0.012	0.0042 J	0.0041 J	*U / 0.0014*	*U / 0.0015*	*U / 0.0015*
4,4-DDT	50-29-3	0.17	0.0012 J	0.0015 J	0.0016 J	0.012	0.009 J	0.0032 J	**0.17**	0.0028 J	0.0024 J	*U / 0.0011*	*U / 0.0011*	*U / 0.0011*
DDT-Total		0.17	0.0041	0.0042	0.005	0.0203	0.023	0.0117	**0.1867**	0.007	0.0065	*U /*	*U /*	*U /*
Aldrin	309-00-2	0.018	*U / 0.00074*	*U / 0.00072*	*U / 0.00077*	0.0014 J	0.0073 J	0.0022 J	*U / 0.00078*	0.0012 J	*U / 0.00076*	*U / 0.00072*	*U / 0.00077*	*U / 0.00077*
alpha-Chlordane	5103-71-9	1.2	*U / 0.0014*	*U / 0.0014*	*U / 0.0015*	*U / 0.0013*	*U / 0.0066*	*U / 0.0015*	*U / 0.0015*	*U / 0.0015*	*U / 0.0015*	*U / 0.0014*	*U / 0.0015*	*U / 0.0015*
Chlordane, Technical	12789-03-6	1.2	*U / 0.011*	*U / 0.011*	*U / 0.012*	*U / 0.01*	*U / 0.053*	*U / 0.012*	*U / 0.012*	*U / 0.012*	*U / 0.012*	*U / 0.011*	*U / 0.012*	*U / 0.012*
trans-Chlordane	5103-74-2	1.2	*U / 0.0012*	*U / 0.0011*	*U / 0.0012*	*U / 0.0011*	*U / 0.0054*	*U / 0.0012*	*U / 0.0012*	*U / 0.0012*	*U / 0.0012*	*U / 0.0012*	0.0035 J	*U / 0.0012*
Dieldrin	60-57-1	0.034	*U / 0.0011*	*U / 0.001*	*U / 0.0011*	0.0087	0.0065 J	0.011 J+	0.0028 J	0.0025 J	*U / 0.0011*	*U / 0.001*	*U / 0.0011*	*U / 0.0011*

Notes

J	Value is estimated greater than Laboratory MDL, but less than Laboratory LOQ
J+	Value is estimated greater than Laboratory MDL, but less than Laboratory LOQ (High Bias)
UJ	Value is below the estimated Laboratory MDL (Limit shown)
mg/kg	Milligrams per kilogram

EE/CA Table 1

Metals and Pesticides in Surface Soil

Caneel Bay Site

		Location ID:	IA-3-04 A	IA-3-04 B	IA-3-04 C	IA-REF-01 A	IA-REF-01 B	IA-REF-01 C	IA-REF-02 A	IA-REF-02 B	IA-REF-02 C
		Sample Date:	2/23/2021	2/23/2021	2/23/2021	2/22/2021	2/22/2021	2/22/2021	2/19/2021	2/19/2021	2/19/2021
		Interval (ftbgs):	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5
Analyte (mg/kg)	**CAS**	**Soil Removal Goal**									
Metals											
Arsenic	7440-38-2	2	1.8	**2.3**	**2.3**	1.2 J	0.68 J	*U / 0.084*	1.6	1.6	**2**
Barium	7440-39-3	185	67	64	63	72	53	73	74	73	75
Copper	7440-50-8	99	67	61	60	63	43	62	73	76	79
Zinc	7440-66-6	147	74	74	89	38	29	40 B	50	49	54
Pesticides											
4,4-DDD	72-54-8	0.17	*U / 0.0015*	*U / 0.0015*	0.0017 J	*U / 0.0015*	*U / 0.0015*	*U / 0.0014*	*U / 0.0074*	*U / 0.0015*	*U / 0.0015*
4,4-DDE	72-55-9	0.17	0.0091	0.0086	0.024	*U / 0.0015*	*U / 0.0015*	*U / 0.0014*	*U / 0.0076*	*U / 0.0015*	0.022
4,4-DDT	50-29-3	0.17	*U / 0.0011*	0.0029 J	*U / 0.001*	*U / 0.0011*	*U / 0.0011*	*U / 0.0011*	*U / 0.0057*	*U / 0.0011*	0.008
DDT-Total		0.17	*U /*	0.0115	0.024	*U*	*U*	*U*	*U*	*U*	0.03
Aldrin	309-00-2	0.018	*U / 0.00077*	*U / 0.00076*	*U / 0.00069*	*U / 0.00076*	*U / 0.00077*	*U / 0.00072*	*U / 0.0039*	*U / 0.00075*	*U / 0.00076*
alpha-Chlordane	5103-71-9	1.2	*U / 0.0015*	*U / 0.0015*	*U / 0.0013*	*U / 0.0015*	*U / 0.0015*	*U / 0.0014*	*U / 0.0075*	*U / 0.0015*	*U / 0.0015*
Chlordane, Technical	12789-03-6	1.2	*U / 0.012*	*U / 0.012*	*U / 0.011*	*U / 0.012*	*U / 0.012*	*U / 0.011*	*U / 0.06*	*U / 0.012*	*U / 0.012*
trans-Chlordane	5103-74-2	1.2	*U / 0.0012*	*U / 0.0012*	*U / 0.0011*	*U / 0.0012*	*U / 0.0012*	*U / 0.0012*	*U / 0.0062*	*U / 0.0012*	*U / 0.0012*
Dieldrin	60-57-1	0.034	0.0019 J	*U / 0.0011*	0.0044 J	*U / 0.0011*	*U / 0.0011*	*U / 0.001*	*U / 0.0055*	*U / 0.0011*	0.0065

Notes

J	Value is estimated greater than Laboratory MDL, but less than Laboratory LOQ
J+	Value is estimated greater than Laboratory MDL, but less than Laboratory LOQ (High Bias)
UJ	Value is below the estimated Laboratory MDL (Limit shown)
mg/kg	Milligrams per kilogram

EE/CA Table 2

Metals and Pesticides in Subsurface Soil

Caneel Bay Site

		Location ID:	SC-3-01	SC-3-01	SC-3-02	SC-3-02	SC-3-03	SC-3-03	SC-3-04	SC-3-04	SC-3-06	SC-3-06	SC-3-07	SC-3-07	SC-3-08
		Sample Date:	2/17/2021	2/17/2021	2/19/2021	2/19/2021	2/19/2021	2/19/2021	2/19/2021	2/19/2021	2/19/2021	2/19/2021	2/19/2021	2/19/2021	2/21/2021
		Interval (ftbgs):	0.5 - 2.5'	5 - 6'	0 - 3'	3 - 6'	0 - 3'	3 - 6'	0 - 3'	3 - 6'	0 - 3'	3 - 6'	0 - 3'	3 - 6'	0 - 3'
Analyte (mg/kg)	**CAS**	**Soil Removal Goal**													
Metals															
Arsenic	7440-38-2	2	1	**3.3**	0.61 J	0.71 J	**4.9**	**2.7**	0.99	1.1	**2**	1.4	**5.7**	0.76 J	**2.6**
Barium	7440-39-3	185	47	60	40	56	43	54	66	60	81	58	66	52	60
Copper	7440-50-8	99	60	56	54	58	73	68	64	65	90	76	72	67	71
Zinc	7440-66-6	147	51	69	46	48	65	62	43	50	74	63	92	53	74
Pesticides															
4,4-DDD	72-54-8	0.17	*U / 0.0017*	*U / 0.0016*	*U / 0.0015*	*U / 0.0017*	*U / 0.0016*	*U / 0.0017*	*U / 0.0017*	*U / 0.0018*	0.012 J-	*U / 0.0018*	*U / 0.0017*	*U / 0.0016*	0.015
4,4-DDE	72-55-9	0.17	0.0076	0.0031 J	*U / 0.0015*	0.0049 J	*U / 0.0017*	*U / 0.0018*	*U / 0.0017*	*U / 0.0018*	0.0096	0.0034 J	0.046	*U / 0.0017*	0.049
4,4-DDT	50-29-3	0.17	0.0022 J	0.0021 J	*U / 0.0011*	*U / 0.0013*	*U / 0.0012*	*U / 0.0013*	*U / 0.0013*	*U / 0.0014*	0.092	*U / 0.0013*	0.0037 J	*U / 0.0013*	0.1
DDT-Total		0.17	0.0098	0.0052	*U /*	0.0049	*U /*	*U /*	*U /*	*U /*	0.1136	0.0034	0.0497	*U /*	0.164
Aldrin	309-00-2	0.018	*U / 0.00087*	*U / 0.00083*	*U / 0.00078*	*U / 0.00088*	*U / 0.00085*	*U / 0.0009*	*U / 0.00088*	*U / 0.00092*	*U / 0.0011*	*U / 0.00091*	*U / 0.00086*	*U / 0.00085*	*U / 0.00085*
alpha-Chlordane	5103-71-9	1.2	*U / 0.0017*	*U / 0.0016*	*U / 0.0015*	*U / 0.0017*	*U / 0.0017*	*U / 0.0018*	*U / 0.0017*	*U / 0.0018*	*U / 0.0021*	*U / 0.0018*	*U / 0.0017*	*U / 0.0017*	*U / 0.0017*
Chlordane, Technical	12789-03-6	1.2	*U / 0.014*	*U / 0.013*	*U / 0.012*	*U / 0.014*	*U / 0.013*	*U / 0.014*	*U / 0.014*	*U / 0.014*	*U / 0.017*	*U / 0.014*	*U / 0.013*	*U / 0.013*	*U / 0.013*
trans-Chlordane	5103-74-2	1.2	*U / 0.0014*	*U / 0.0013*	*U / 0.0012*	*U / 0.0014*	*U / 0.0014*	*U / 0.0014*	*U / 0.0014*	0.0015 J	*U / 0.0017*	*U / 0.0015*	*U / 0.0014*	*U / 0.0014*	0.0038 J
Dieldrin	60-57-1	0.034	*U / 0.0012*	*U / 0.0012*	*U / 0.0011*	*U / 0.0013*	*U / 0.0012*	*U / 0.0013*	*U / 0.0013*	*U / 0.0013*	*U / 0.0016*	*U / 0.0013*	*U / 0.0012*	*U / 0.0012*	*U / 0.0012*

Refer to notes page at end of tables for sources and definitions.

Notes

J	Value is estimated greater than Laboratory MDL, but less than Laboratory LOQ
J+	Value is estimated greater than Laboratory MDL, but less than Laboratory LOQ (High Bias)
U	Value is below the Laboratory MDL (Limit Shown)
mg/kg	Milligrams per kilogram

EE/CA Table 2

Metals and Pesticides in Subsurface Soil

Caneel Bay Site

		Location ID:	SC-3-08	SC-3-09	SC-3-09	SC-3-10	SC-3-10	SC-3-11	SC-3-11	SC-REF-01	SC-REF-02	SC-REF-03
		Sample Date:	2/21/2021	2/21/2021	2/21/2021	2/22/2021	2/22/2021	2/21/2021	2/21/2021	2/21/2021	2/21/2021	2/21/2021
		Interval (ftbgs):	3 - 6'	0 - 3'	3 - 6'	0 - 3'	3 - 6'	0 - 3'	3 - 6'	0 - 0.5'	0 - 2.6'	0 - 3'
Analyte (mg/kg)	**CAS**	**Soil Removal Goal**										
Metals												
Arsenic	7440-38-2	2	1.1	1.9	**2.3**	1.4	1.4	1.3	**2.6**	0.55 J	0.51 J	**6.3**
Barium	7440-39-3	185	66	51	46	38	49	35	51	59	46	46
Copper	7440-50-8	99	63	69	57	55	56	58 J	47	65	73	41
Zinc	7440-66-6	147	37	63	61	38	53	43	58	43	46	77 J
Pesticides												
4,4-DDD	72-54-8	0.17	*U / 0.0019*	*U / 0.0017*	*U / 0.0016*	*U / 0.0015*	*U / 0.0018*	*U / 0.0017*	*U / 0.0017*	*U / 0.0015*	*U / 0.0016*	*U / 0.0016*
4,4-DDE	72-55-9	0.17	*U / 0.002*	0.017	0.0079	*U / 0.0016*	0.01	0.016 J+	0.0044 J	*U / 0.0016*	*U / 0.0016*	0.004 J
4,4-DDT	50-29-3	0.17	*U / 0.0015*	0.0033 J	0.0052 J	*U / 0.0012*	*U / 0.0014*	0.0057 J+	*U / 0.0013*	*U / 0.0012*	*U / 0.0012*	*U / 0.0012*
DDT-Total		0.17	*U /*	0.0203	0.0131	*U /*	0.01	0.0217	0.0044	*U /*	*U /*	0.004
Aldrin	309-00-2	0.018	*U / 0.001*	*U / 0.00087*	*U / 0.00082*	*U / 0.0008*	*U / 0.00095*	*U / 0.00086*	0.002 J	*U / 0.0008*	*U / 0.00082*	*U / 0.00082*
alpha-Chlordane	5103-71-9	1.2	*U / 0.002*	*U / 0.0017*	*U / 0.0016*	*U / 0.0016*	*U / 0.0019*	*U / 0.0017*	*U / 0.0017*	*U / 0.0016*	*U / 0.0016*	*U / 0.0016*
Chlordane, Technical	12789-03-6	1.2	*U / 0.016*	*U / 0.014*	*U / 0.013*	*U / 0.013*	*U / 0.015*	*U / 0.013*	*U / 0.014*	*U / 0.013*	*U / 0.013*	*U / 0.013*
trans-Chlordane	5103-74-2	1.2	*U / 0.0016*	0.0014 J	*U / 0.0013*	*U / 0.0013*	*U / 0.0015*	*U / 0.0014*	*U / 0.0014*	*U / 0.0013*	*U / 0.0013*	*U / 0.0013*
Dieldrin	60-57-1	0.034	*U / 0.0014*	*U / 0.0012*	*U / 0.0012*	*U / 0.0011*	*U / 0.0014*	0.0033 J	*U / 0.0013*	*U / 0.0011*	*U / 0.0012*	*U / 0.0012*

Refer to notes page at end of tables for sources

Notes

J	Value is estimated greater than Laboratory MDL, but less than Laboratory LOQ
J+	Value is estimated greater than Laboratory MDL, but less than Laboratory LOQ (High Bias)
U	Value is below the Laboratory MDL (Limit Shown)
mg/kg	Milligrams per kilogram

EE/CA Table 3
Summary of Surface Soil Results, Background Comparison, and 95% UCL Calculations
Caneel Bay Site

					Area 1					Area 2							Area 3					
					Calculated 95% UCL (mg/kg) by DU					Calculated 95% UCL (mg/kg) by DU							Calculated 95% UCL (mg/kg) by DU					
Analyte	**CAS**	**Project Action Level (PAL) (mg/kg)**	**Site Background (mg/kg)**	**Rec. Removal Goal (RG) (mg/kg)**	**IA-1**	**IA-1-01**	**IA-1-02**	**IA-1-03**	**IA-1-04**	**IA-2-01, IA-2-02**	**IA-2-03, IA-2-04, IA-2-05**	**IA-2-01**	**IA-2-02**	**IA-2-03**	**IA-2-04**	**IA-2-05**	**IA-3**	**IA-3-01, IA-3-02, IA-3-04**	**IA-3-01**	**IA-3-02**	**IA-3-03**	**IA-3-04**
Antimony	7440-36-0	0.248	0.290	NA	0.271	0.273	0.270	0.288	0.270	0.252	0.271	0.289	0.219	0.304	**0.403**	0.233	0.286	0.286	**0.295**	0.286	0.283	0.283
Arsenic	7440-38-2	0.250	2.00	To be determined	**5.25**	**2.59**	**8.24**	**2.29**	1.96	**5.63**	**8.16**	**7.29**	**2.94**	**4.36**	**8.92**	**12.13**	**2.43**	**2.45**	**2.24**	**3.15**	**4.08**	**2.62**
Barium	7440-39-3	17.2	83.3	185	70.5	67.4	76.3	64.6	73.2	**228.9**	60.9	**320.0**	67.9	57.3	51.2	73.9	68.2	68.0	74.0	66.7	**88.3**	68.2
Beryllium	7440-41-7	2.42	0.342	NA	0.289	0.315	0.276	0.253	0.247	0.267	0.272	0.277	0.250	0.253	0.282	0.315	0.229	0.228	0.236	0.232	0.316	0.257
Cadmium	7440-43-9	0.270	0.182	NA	0.233	**0.340**	0.159	0.118	0.117	**0.349**	**0.476**	**0.335**	**0.409**	0.177	**1.099**	**0.432**	0.110	0.110	0.115	0.099	0.223	**1.30**
Chromium	7440-47-3	NA	44.5	NA	**53.9**	**47.6**	**61.5**	**49.2**	**58.9**	39.3	30.7	41.6	36.6	33.7	34.9	28.6	25.8	25.9	26.6	27.2	23.4	21.3
Copper	7440-50-8	14.0	85.0	99.0	**109**	**133**	**99.9**	**85.6**	79.7	**157**	83	**89.1**	**290**	76.9	**93.4**	**87.7**	77	77	82.2	74.1	**149**	69.0
Lead	7439-92-1	0.940	18.1	NA	10.99	12.61	10.32	10.00	5.75	**28.36**	**24.43**	**28.18**	**33.75**	13.69	**25.58**	**35.56**	**44.13**	**44.71**	**71.92**	8.86	18.14	**53.23**
Mercury	7439-97-6	0.013	0.08	NA	0.029	0.038	0.027	0.028	0.025	0.091	0.049	0.058	**0.164**	0.055	0.057	0.053	0.068	0.068	0.096	0.046	0.025	0.043
Nickel	7440-02-0	10.0	19.8	NA	**29.4**	**30.7**	**29.8**	**23.7**	**26.7**	19.3	**20.7**	19.3	**20.7**	18.3	**19.6**	**24.4**	15.8	15.9	16.3	16.7	12.3	12.0
Selenium	7782-49-2	0.331	0.340	NA	0.243	0.284	0.232	0.249	**1.121**	**0.346**	0.298	**0.369**	0.338	0.270	0.276	0.338	**0.979**	**0.989**	**1.28**	**1.10**	0.360	**0.369**
Silver	7440-22-4	2.00	0.209	NA	0.056	0.070	0.051	0.065	0.041	0.089	0.083	0.086	0.113	0.061	0.120	0.112	0.050	0.048	0.058	0.037	0.143	0.033
Thallium	7440-28-0	0.027	0.192	NA	0.144	0.183	0.135	0.143	0.135	0.144	0.140	0.146	0.143	0.142	0.140	0.143	0.141	0.141	0.143	0.143	0.143	0.142
Zinc	7440-66-6	6.62	56.6	147	**118**	**110**	**127**	**74.5**	**168**	**273**	**113**	**342**	**182**	**115**	**143**	**109**	**71.4**	**71.8**	**77.4**	**68.1**	57.5	**93.6**
DDD	72-54-8	0.002	0.014	0.170	0.002	0.002	0.003	0.003	0.003	**0.908**	0.008	**0.070**	**2.49**	0.003	0.020	0.003	0.012	0.012	0.018	0.006	0.003	0.003
DDE	72-55-9	0.002	0.020	0.170	0.017	0.017	0.025	0.002	0.003	**1.76**	0.025	**0.263**	**4.26**	0.017	**0.069**	0.004	0.015	0.016	0.018	0.018	0.003	**0.036**
DDT	50-29-3	0.000	0.000	0.170	High	Med	Low	Low	**0.445***	**Med**	High	**High**	**Med**	High	High	Low	**High**	**High**	High	**High**	Low	Low
DDT Total	NA	NA	0.049	0.170	0.026	0.018	0.031	0.007	**0.450***	**5.27**	0.031	**0.292**	**14.5**	0.025	**0.080**	0.008	**0.147**	**0.150**	0.049	**0.326**	0.008	0.039
Aldrin	309-00-2	0.003	0.014	0.018	0.002	0.002	0.003	0.002	0.003	**0.095**	0.008	**0.059**	**0.201**	0.003	0.020*	0.003	0.008	0.008	0.012	0.004	0.003	0.003
Dieldrin	60-57-1	0.005	0.013	0.034	0.003	0.002	0.004	0.002	0.003	**5.43**	0.008	**8.38**	**0.231**	0.003	0.020	0.003	0.009	0.009	0.014	0.003	0.003	0.006
Chlordane	12789-03-6	0.220	0.142	1.20	0.025	0.024	0.025	0.023	0.027	**0.942**	0.117	**0.697**	**1.80**	**0.258**	0.205	0.025	0.112	0.114	0.178	0.026	0.026	0.026
Benz(a)pyrene	50-32-8	0.100	0.008	NA	**0.062**	**0.096**	**0.048**	**0.340**	**0.105**	**0.135**	**0.043**	**0.142**	**0.142**	**0.089**	**0.039**	**0.041**	**0.071**	**0.072**	**0.109**	**0.041**	0.008	**0.133**

Notes
1. Bolded value indicates concentrations statistically exceed Site-specifc surface soil background concentrations with a confidence level of 90% (α=0.1).
2. Yellow-shaded cell indicates the 95% UCL of the mean concentration exceeds the Recommended RG (α=0.05).
3. Where analytes were not detected in individual samples, 50% of the laboratory reporting limit was substituted for the analyte concentration.
4. Only analytes for which concentrations in at least one sample exceeded its respective PAL are presented in this table.
5. Asterisk (*) following value indicates analyte was not detected in sample but UCL exceeds RG due to an elevated laboratory report limit in one sample replicate.

Acronyms & Abbreviations

CAS	Chemical Abstracts Service
DDD	Dichlorodiphenyldichloroethane
DDT	Dichlorodiphenyltrichloroethane
DDT Total	Sum of DDT and metabolites (DDE, DDD)
DU	Decision Unit
mg/kg	Milligrams per Kilogram
ISM	Incremental Sampling Methodology
NA	Not Applicable
Rec.	Recommended
RG	Removal Goal
PAL	Projection Action Level
UCL	Upper Confidence Level

EE/CA Table 4
Summary of Subsurface Soil Results, Background Comparison, and 95% UCL Calculations
Caneel Bay Site

					Calculated 95% UCL (mg/kg) by Sample Interval		
Analyte	**CAS**	**Project Action Level (PAL) (mg/kg)**	**Site Background (mg/kg)**	**Recommended Removal Goal (RG) (mg/kg)**	**Area 3 - All Subsurface Soil**	**Area 3 - Shallow Subsurface Soil**	**Area 3 - Deep Subsurface Soil**
Arsenic	7440-38-2	0.250	2.00	To be determined	2.53	3.24	2.31
Barium	7440-39-3	17.2	83.3	185	58.2	60.9	**58.9**
Cadmium	7440-43-9	0.270	0.182	NA	0.188	**0.276**	0.124
Chromium	7440-47-3	NA	44.5	NA	**23.2**	**26.1**	**23.1**
Copper	7440-50-8	14.0	85.0	99.0	67.3	72.4	65.9
Lead	7439-92-1	0.940	18.1	NA	7.01	8.46	6.92
Nickel	7440-02-0	10.0	19.8	NA	**13.5**	**14.4**	**13.6**
Zinc	7440-66-6	6.62	56.6	147	62.2	68.3	61.2
DDD	72-54-8	0.002	0.014	0.170	**0.005**	**0.008**	**0.003**
DDE	72-55-9	0.002	0.020	0.170	**0.015**	**0.025**	**0.008**
DDT	50-29-3	0.002	None	0.170	**0.036**	**0.067**	**0.004**
DDT Total	NA	NA	0.049	0.170	**0.061**	**0.073**	**0.014**

Notes
1. Bolded value indicates concentrations statistically exceed Site-specifc subsurface soil background concentrations with a confidence level of 90% (α=0.1).
2. Where analytes were not detected in individual samples, 50% of the laboratory reporting limit was substituted for the analyte concentration.
3. Only analytes for which concentrations in at least one sample exceeded its respective PAL are presented in this table.
4. Shallow subsurface soils represent samples collected between approximately 0.5 ft bgs and 3 ft bgs.
5. Deep subsurface soils represent samples collected between approximately 4 ft bgs and 6 ft bgs.

Acronyms & Abbreviations

CAS	Chemical Abstracts Service
DDD	Dichlorodiphenyldichloroethane
DDT	Dichlorodiphenyltrichloroethane
DDT Total	Sum of DDT and metabolites (DDE, DDD)
ft bgs	Feet Below Ground Surface
mg/kg	Milligrams per Kilogram
Rec.	Recommended
RG	Removal Goal
PAL	Projection Action Level
UCL	Upper Confidence Level

EE/CA Table 5
Example Site-Specific Background Comparison and 95% UCL Calculation
Caneel Bay Site

DRAFT

Analyte:	**4,4'-DDT**	Significance Level (α)	0.1
CAS:	**50-29-3**	Standard Deviation Multiplier	5
PAL (mg/kg)	0.002	Significant Difference (S)	0.0092
		Site-Specific Background Value (mg/kg)	**0.014**

										Welch's T Test					Statistical Power				95% UCL Calculation										
			Replicate field sample concentrations																							95% UCL			
Row #	IDs/Names of the Smaller DUs	DU Area (Acres)	A	B	C	Number of Replicates	Weight	Arithmetic Mean	Standard Deviation of Replicates	Welch's T	Degrees of Freedom	T-Critical Point	P-Value	Hypothesis Test	Non-Centrality Parameter, δ	Power	β	Hypothesis Test	calc'd Standard Deviation of Increments	calc'd Coefficient of Variation for the DU	Adjust-ment Factor	adj'd Standard Deviation of Increments	adj'd Coefficient of Variation for DU	SE of DU	Degrees of Freedom by Welch-Satterthwaite approximation:	Student's-t	Chebychev	CV of Increments	95% UCL
1	IA-REF-01	0.3	0.0025	0.0025	0.0024	3	0.64	0.00	0.00										0.00	0.20	1.13	0.00	0.22	0.00		0.003	0.003	Low	0.003
2	IA-REF-02	0.1	0.0125	0.0025	0.0080	3	0.36	0.01	0.01										0.03	4.16	2.11	0.07	8.79	0.00		0.016	0.020	High	0.020
	IA-REF Sum:	*0.40*	--	--	--	*6*	*1.00*	*0.00*	*0.00*										*0.01*	*2.68*	*NA*	*0.02*	*5.65*	*0.00*	*2.0*	*0.007*	*0.009*	*High*	*0.009*
1	IA-1-01	0.2	0.0024	0.0046	0.0034	3	0.47	0.00	0.00										0.01	2.01	1.33	0.01	2.66	0.00		0.005	0.006	Med	0.006
2	IA-1-02	0.2	0.0025	0.0025	0.0031	3	0.49	0.00	0.00										0.00	0.85	1.15	0.00	0.98	0.00		0.003	0.004	Low	0.003
3	IA-1-03	0.0	0.0022	0.0023	0.0016	3	0.02	0.00	0.00										0.00	1.11	1.17	0.00	1.30	0.00		0.003	0.003	Low	0.003
4	IA-1-04	0.0	0.0023	0.2500	0.0025	3	0.02	0.08	0.14										0.90	10.65	8.10	7.32	86.20	0.08		0.326	0.445	High	0.445
	IA-1	*0.38*	--	--	--	*12*	*1.00*	*0.00*	*0.00*	-9.061	12.67	-1.356	0.000	**Reject null hypothesis - mean not above background**	9.083	1.000	0.000	**Beta does not exceed specified Type II error**	*0.01*	*3.41*	*NA*	*0.12*	*26.84*	*0.00*	*2.2*	*0.008*	*0.010*	*High*	*0.010*
1	IA-2-01	0.3	0.0500	0.0970	0.0390	3	0.29	0.06	0.03										0.19	3.14	1.66	0.32	5.23	0.02		0.114	0.140	High	0.140
2	IA-2-02	0.1	3.9000	6.7000	6.2000	3	0.16	5.60	1.49										9.44	1.69	1.26	11.89	2.12	0.86		8.118	9.358	Med	9.358
3	IA-2-03	0.1	0.0041	0.0045	0.0021	3	0.16	0.00	0.00										0.01	2.28	1.39	0.01	3.17	0.00		0.006	0.007	High	0.007
4	IA-2-04	0.1	0.0125	0.0048	0.0054	3	0.16	0.01	0.00										0.03	3.58	1.84	0.05	6.59	0.00		0.015	0.018	High	0.018
5	IA-2-05	0.2	0.0012	0.0015	0.0016	3	0.23	0.00	0.00										0.00	0.92	1.15	0.00	1.06	0.00		0.002	0.002	Low	0.002
	IA-2	*0.91*	--	--	--	*15*	*1.00*	*0.91*	*0.24*	14.618	14.00	-1.345	1.000	**Do not reject null hypothesis, mean above background**	0.150	0.559	0.441	**Beta exceeds specified Type II error**	*1.50*	*1.65*	*NA*	*1.89*	*2.08*	*0.14*	*2.0*	*1.306*	*1.503*	*Med*	*1.503*
1	IA-3-01	0.3	0.0120	0.0090	0.0032	3	0.57	0.01	0.00										0.03	3.51	1.81	0.05	6.35	0.00		0.016	0.019	High	0.019
2	IA-3-02	0.2	0.1700	0.0028	0.0024	3	0.41	0.06	0.10										0.61	10.47	7.85	4.80	82.21	0.06		0.221	0.302	High	0.302
3	IA-3-03	0.0	0.0024	0.0025	0.0025	3	0.02	0.00	0.00										0.00	0.22	1.13	0.00	0.25	0.00		0.003	0.003	Low	0.003
4	IA-3-04	0.0	0.0025	0.0029	0.0023	3	0.01	0.00	0.00										0.00	0.81	1.15	0.00	0.93	0.00		0.003	0.003	Low	0.003
	IA-3	*0.59*	--	--	--	*12*	*1.00*	*0.03*	*0.04*	1.307	11.10	-1.363	0.891	**Do not reject null hypothesis, mean above background**	0.805	0.781	0.219	**Beta exceeds specified Type II error**	*0.25*	*8.77*	*NA*	*1.95*	*68.75*	*0.02*	*2.0*	*0.095*	*0.128*	*High*	*0.128*
1	IA-3-01	0.3	0.0120	0.0090	0.0032	3	0.58	0.01	0.00										0.03	3.51	1.81	0.05	6.35	0.00		0.016	0.019	High	0.019
2	IA-3-02	0.2	0.1700	0.0028	0.0024	3	0.41	0.06	0.10										0.61	10.47	7.85	4.80	82.21	0.06		0.221	0.302	High	0.302
3	IA-3-04	0.0	0.0025	0.0029	0.0023	3	0.01	0.00	0.00										0.00	0.81	1.15	0.00	0.93	0.00		0.003	0.003	Low	0.003
	IA-3-01, IA-3-02, IA-3-04	*0.58*	--	--	--	*9*	*1.00*	*0.03*	*0.04*	1.146	8.05	-1.397	0.857	**Do not reject null hypothesis, mean above background**	0.687	0.744	0.256	**Beta exceeds specified Type II error**	*0.25*	*8.78*	*NA*	*1.98*	*68.84*	*0.02*	*2.0*	*0.096*	*0.129*	*High*	*0.129*
1	IA-3-03	0.0	0.0024	0.0025	0.0025	3	1.00	0.00	0.00										0.00	0.22	1.13	0.00	0.25	0.00		0.003	0.003	Low	0.003
	IA-3-03	*0.01*	--	--	--	*3*	*1.00*	*0.00*	*0.00*	-14.730	5.04	-1.476	0.000	**Reject null hypothesis - mean not above background**	12.220	1.000	0.000	**Beta does not exceed specified Type II error**	*0.00*	*0.22*	*NA*	*0.00*	*0.25*	*0.00*	*2.0*	*0.003*	*0.003*	*Low*	*0.003*
1	IA-Ref-01	0.3	0.0025	0.0025	0.0024	3	1.00	0.00	0.00										0.00	0.20	1.13	0.00	0.22	0.00		0.003	0.003	Low	0.003
	IA-Ref-01	*0.25*	--	--	--	*3*	*1.00*	*0.00*	*0.00*	-14.759	5.03	-1.476	0.000	**Reject null hypothesis - mean not above background**	12.226	1.000	0.000	**Beta does not exceed specified Type II error**	*0.00*	*0.20*	*NA*	*0.00*	*0.22*	*0.00*	*2.0*	*0.003*	*0.003*	*Low*	*0.003*
1	IA-Ref-02	0.1	0.0125	0.0025	0.0080	3	1.00	0.01	0.01										0.03	4.16	2.11	0.07	8.79	0.00		0.016	0.020	High	0.020
	IA-Ref-02	*0.15*	--	--	--	*3*	*1.00*	*0.01*	*0.01*	-1.952	2.27	-1.886	0.095	**Reject null hypothesis - mean not above background**	3.056	0.954	0.046	**Beta does not exceed specified Type II error**	*0.03*	*4.16*	*NA*	*0.07*	*8.79*	*0.00*	*2.0*	*0.016*	*0.020*	*High*	*0.020*
1	IA-2-01	0.3	0.0500	0.0970	0.0390	3	0.64	0.06	0.03										0.19	3.14	1.66	0.32	5.23	0.02		0.114	0.140	High	0.140
2	IA-2-02	0.1	3.9000	6.7000	6.2000	3	0.36	5.60	1.49										9.44	1.69	1.26	11.89	2.12	0.86		8.118	9.358	Med	9.358
	IA-2-01, IA-2-02	*0.41*	--	--	--	*6*	*1.00*	*2.03*	*0.53*	9.301	5.00	-1.476	1.000	**Do not reject null hypothesis, mean above background**	0.042	0.516	0.484	**Beta exceeds specified Type II error**	*3.36*	*1.65*	*NA*	*4.23*	*2.08*	*0.31*	*2.0*	*2.927*	*3.368*	*Med*	*3.368*
1	IA-2-03	0.1	0.0041	0.0045	0.0021	3	0.29	0.00	0.00										0.01	2.28	1.39	0.01	3.17	0.00		0.006	0.007	High	0.007
2	IA-2-04	0.1	0.0125	0.0048	0.0054	3	0.29	0.01	0.00										0.03	3.58	1.84	0.05	6.59	0.00		0.015	0.018	High	0.018
3	IA-2-05	0.2	0.0012	0.0015	0.0016	3	0.41	0.00	0.00										0.00	0.92	1.15	0.00	1.06	0.00		0.002	0.002	Low	0.002
	IA-2-03, IA-2-04, IA-2-05	*0.50*	--	--	--	*9*	*1.00*	*0.00*	*0.00*	-11.120	8.40	-1.397	0.000	**Reject null hypothesis - mean not above background**	10.570	1.000	0.000	**Beta does not exceed specified Type II error**	*0.01*	*2.16*	*NA*	*0.02*	*3.89*	*0.00*	*2.4*	*0.006*	*0.007*	*High*	*0.007*
1	IA-1-01	0.2	0.0024	0.0046	0.0034	3	1.00	0.00	0.00										0.01	2.01	1.33	0.01	2.66	0.00		0.005	0.006	Med	0.006
	IA-1-01	*0.18*	--	--	--	*3*	*1.00*	*0.00*	*0.00*	-10.219	6.44	-1.440	0.000	**Reject null hypothesis - mean not above background**	9.336	1.000	0.000	**Beta does not exceed specified Type II error**	*0.01*	*2.01*	*NA*	*0.01*	*2.66*	*0.00*	*2.0*	*0.005*	*0.006*	*Med*	*0.006*
1	IA-1-02	0.2	0.0025	0.0025	0.0031	3	1.00	0.00	0.00										0.00	0.85	1.15	0.00	0.98	0.00		0.003	0.004	Low	0.003
	IA-1-02	*0.19*	--	--	--	*3*	*1.00*	*0.00*	*0.00*	-13.920	5.72	-1.476	0.000	**Reject null hypothesis - mean not above background**	11.797	1.000	0.000	**Beta does not exceed specified Type II error**	*0.00*	*0.85*	*NA*	*0.00*	*0.98*	*0.00*	*2.0*	*0.003*	*0.004*	*Low*	*0.003*
1	IA-1-03	0.0	0.0022	0.0023	0.0016	3	1.00	0.00	0.00										0.00	1.11	1.17	0.00	1.30	0.00		0.003	0.003	Low	0.003
	IA-1-03	*0.01*	--	--	--	*3*	*1.00*	*0.00*	*0.00*	-14.833	5.68	-1.476	0.000	**Reject null hypothesis - mean not above background**	11.825	1.000	0.000	**Beta does not exceed specified Type II error**	*0.00*	*1.11*	*NA*	*0.00*	*1.30*	*0.00*	*2.0*	*0.003*	*0.003*	*Low*	*0.003*
1	IA-1-04	0.0	0.0023	0.2500	0.0025	3	1.00	0.08	0.14										0.90	10.65	8.10	7.32	86.20	0.08		0.326	0.445	High	0.445
	IA-1-04	*0.01*	--	--	--	*3*	*1.00*	*0.08*	*0.14*	0.865	2.00	-1.886	0.761	**Do not reject null hypothesis, mean above background**	0.111	0.539	0.461	**Beta exceeds specified Type II error**	*0.90*	*10.65*	*NA*	*7.32*	*86.20*	*0.08*	*2.0*	*0.326*	*0.445*	*High*	*0.445*
1	IA-2-01	0.3	0.0500	0.0970	0.0390	3	1.00	0.06	0.03										0.19	3.14	1.66	0.32	5.23	0.02		0.114	0.140	High	0.140
	IA-2-01	*0.26*	--	--	--	*3*	*1.00*	*0.06*	*0.03*	2.724	2.01	-1.886	0.944	**Do not reject null hypothesis, mean above background**	0.515	0.671	0.329	**Beta exceeds specified Type II error**	*0.19*	*3.14*	*NA*	*0.32*	*5.23*	*0.02*	*2.0*	*0.114*	*0.140*	*High*	*0.140*
1	IA-2-02	0.1	3.9000	6.7000	6.2000	3	1.00	5.60	1.49										9.44	1.69	1.26	11.89	2.12	0.86		8.118	9.358	Med	9.358
	IA-2-02	*0.14*	--	--	--	*3*	*1.00*	*5.60*	*1.49*	6.480	2.00	-1.886	0.989	**Do not reject null hypothesis, mean above background**	0.011	0.504	0.496	**Beta exceeds specified Type II error**	*9.44*	*1.69*	*NA*	*11.89*	*2.12*	*0.86*	*2.0*	*8.118*	*9.358*	*Med*	*9.358*
1	IA-2-03	0.1	0.0041	0.0045	0.0021	3	1.00	0.00	0.00										0.01	2.28	1.39	0.01	3.17	0.00		0.006	0.007	High	0.007
	IA-2-03	*0.15*	--	--	--	*3*	*1.00*	*0.00*	*0.00*	-9.426	5.76	-1.476	0.000	**Reject null hypothesis - mean not above background**	8.699	1.000	0.000	**Beta does not exceed specified Type II error**	*0.01*	*2.28*	*NA*	*0.01*	*3.17*	*0.00*	*2.0*	*0.006*	*0.007*	*High*	*0.007*
1	IA-2-04	0.1	0.0125	0.0048	0.0054	3	1.00	0.01	0.00										0.03	3.58	1.84	0.05	6.59	0.00		0.015	0.018	High	0.018
	IA-2-04	*0.15*	--	--	--	*3*	*1.00*	*0.01*	*0.00*	-2.299	2.38	-1.886	0.074	**Reject null hypothesis - mean not above background**	3.551	0.965	0.035	**Beta does not exceed specified Type II error**	*0.03*	*3.58*	*NA*	*0.05*	*6.59*	*0.00*	*2.0*	*0.015*	*0.018*	*High*	*0.018*
1	IA-2-05	0.2	0.0012	0.0015	0.0016	3	1.00	0.00	0.00										0.00	0.92	1.15	0.00	1.06	0.00		0.002	0.002	Low	0.002
	IA-2-05	*0.21*	--	--	--	*3*	*1.00*	*0.00*	*0.00*	-15.916	5.25	-1.476	0.000	**Reject null hypothesis - mean not above background**	12.093	1.000	0.000	**Beta does not exceed specified Type II error**	*0.00*	*0.92*	*NA*	*0.00*	*1.06*	*0.00*	*2.0*	*0.002*	*0.002*	*Low*	*0.002*
1	IA-3-01	0.3	0.0120	0.0090	0.0032	3	1.00	0.01	0.00										0.03	3.51	1.81	0.05	6.35	0.00		0.016	0.019	High	0.019
	IA-3-01	*0.34*	--	--	--	*3*	*1.00*	*0.01*	*0.00*	-2.023	2.34	-1.886	0.090	**Reject null hypothesis - mean not above background**	3.411	0.962	0.038	**Beta does not exceed specified Type II error**	*0.03*	*3.51*	*NA*	*0.05*	*6.35*	*0.00*	*2.0*	*0.016*	*0.019*	*High*	*0.019*
1	IA-3-02	0.2	0.1700	0.0028	0.0024	3	1.00	0.06	0.10										0.61	10.47	7.85	4.80	82.21	0.06		0.221	0.302	High	0.302
	IA-3-02	*0.24*	--	--	--	*3*	*1.00*	*0.06*	*0.10*	0.804	2.00	-1.886	0.747	**Do not reject null hypothesis, mean above background**	0.164	0.558	0.442	**Beta exceeds specified Type II error**	*0.61*	*10.47*	*NA*	*4.80*	*82.21*	*0.06*	*2.0*	*0.221*	*0.302*	*High*	*0.302*
1	IA-3-03	0.0	0.0024	0.0025	0.0025	3	1.00	0.00	0.00										0.00	0.22	1.13	0.00	0.25	0.00		0.003	0.003	Low	0.003
	IA-3-03	*0.01*	--	--	--	*3*	*1.00*	*0.00*	*0.00*	-14.730	5.04	-1.476	0.000	**Reject null hypothesis - mean not above background**	12.220	1.000	0.000	**Beta does not exceed specified Type II error**	*0.00*	*0.22*	*NA*	*0.00*	*0.25*	*0.00*	*2.0*	*0.003*	*0.003*	*Low*	*0.003*
1	IA-3-04	0.0	0.0025	0.0029	0.0023	3	1.00	0.00	0.00										0.00	0.81	1.15	0.00	0.93	0.00		0.003	0.003	Low	0.003
	IA-3-04	*0.01*	--	--	--	*3*	*1.00*	*0.00*	*0.00*	-14.183	5.60	-1.476	0.000	**Reject null hypothesis - mean not above background**	11.874	1.000	0.000	**Beta does not exceed specified Type II error**	*0.00*	*0.81*	*NA*	*0.00*	*0.93*	*0.00*	*2.0*	*0.003*	*0.003*	*Low*	*0.003*