

Table B-1
Rationale for Surface Soil Samples
Caneel Bay Site

Sample ID	Location	Decision Unit Size	Reason for Sampling
IA-1-01	Northern portion of gravel staging area above WWTP	0.18 acres	Area historically used to store materials for disposal, including out-of-service mechanical equipment. Drums observed during 2016 RSE site visit (3E Consultants 2017).
IA-1-02	Southern portion of gravel staging area above WWTP	0.19 acres	
IA-1-03	Southwest corner (over the embankment) of the gravel staging area	0.006 acres	Dried paint indicative of dumping was observed during field work.
IA-1-04	Eastern side of gravel staging area at the toe of the slope	0.006 acres	Approximately 12 rusted drums containing washed gravel were observed during field work.
IA-2-01	To the north and east of the of engineering & maintenance buildings.	0.26 acres	Area historically used for equipment storage and maintenance. Level 2 investigation surface soil results exceed action levels for SVOCs and metals. Debris piles and overgrown vegetation required VHB to adjust some increment locations.
IA-2-02	To the north and west of the engineering warehouse.	0.14 acres	Area historically used for equipment storage and maintenance. Level 2 investigation surface soil results exceed action levels for SVOCs and metals. A leaking transformer is in this area, and the oily soil was not sampled (CBIA is responding separately to this transformer).
IA-2-03	To the east and northeast of the grounds and landscaping equipment maintenance building	0.15 acres	Grass that may have been affected by runoff from maintenance area. VHB modified the DU boundaries to avoid debris and concrete piles.
IA-2-04	To the south of the grounds and landscaping equipment maintenance building	0.15 acres	Area historically used for landscaping chemical storage and equipment maintenance/storage. Soil staining observed in pole barn during 2016 RSE site visit (3E Consultants 2017). Level 2 investigation surface soil results exceed action levels for metals. VHB adjusted some increment locations to avoid debris and a stack of utility poles.
IA-2-05	Area around the diesel and gasoline ASTs, emergency generator building, and fuel pump	0.21 acres	Area includes active diesel and gasoline ASTs, emergency generators, and fuel pumps. Multiple petroleum-related incidents reported in Level 1 assessment (Barksdale & Associates 2012). Level 2 investigation surface soil results exceed action levels for metals, TPH, and pesticides.

Sample ID	Location	Decision Unit Size	Reason for Sampling
IA-3-01	Northern portion of debris landfill	0.34 acres	Area historically used for disposal of "all types of wastes" from the resort (Barksdale & Associates 2014) and resort WWTP sludge (Barksdale & Associates 2012). Level 2 investigation surface soil results exceed action levels for metals, SVOCs, and pesticides.
IA-3-02	Southern portion of debris landfill	0.24 acres	
IA-3-03	Toe of slope/eroded bed along southern edge of landfill	0.01 acres	VHB observed an area of erosion with evidence of seeps (salt stains) along the sidewall. VHB created a linear DU beginning at the first seep and ending approximately 120 feet down the slope of the channel to the west.
IA-3-04	Southern eroded face of the landfill	0.01 acres	VHB observed apparent seeps along the southern face of the landfill.
IA-Ref-01	Reference area to south of WWTP	0.25 acres	Area not believed to be contaminated by site activities. Area will be used to evaluate background concentrations.
IA-Ref-02	Reference area to the east of the debris landfill	0.15 acres	Area not believed to be contaminated by site activities. Area will be used to evaluate background concentrations. The planned location was overgrown with vegetation and inaccessible. VHB moved the DU to a more accessible location outside the surveyed boundaries of buried waste.
SC-03-01	West side of landfill, in front of shed	Discrete	Area reported to be historical landfill. Waste was observed in soil core.
SC-03-02	In landfill	Discrete	Area reported to be historical landfill. Waste was observed in soil core.
SC-03-03	In landfill	Discrete	Area reported to be historical landfill. Waste was observed in soil core.
SC-03-04	In landfill	Discrete	Area reported to be historical landfill. Waste was observed in soil core.
SC-03-05	In landfill	Discrete	Area reported to be historical landfill. Refusal was encountered on shallow rock and no samples could be collected.
SC-03-06	In landfill	Discrete	Area reported to be historical landfill. Waste was observed in soil core.
SC-03-07	In landfill	Discrete	Area reported to be historical landfill. Waste was observed in soil core.
SC-03-08	In landfill	Discrete	Area reported to be historical landfill. Waste was observed in soil core.
SC-03-09	In landfill	Discrete	Area reported to be historical landfill. Waste was observed in soil core.

Sample ID	Location	Decision Unit Size	Reason for Sampling
SC-03-10	In landfill	Discrete	Area reported to be historical landfill. Waste was observed in soil core. A paired boring was completed to collect duplicate soil samples from this location (SC-101 from 0-3 feet and SC-102 from 0-6 feet)
SC-03-11	In landfill	Discrete	Area reported to be historical landfill. Waste was observed in soil core.
SC-Ref-01	Reference boring east of landfill, northern boring	Discrete	Area outside surveyed landfill. Location moved for access. Refusal on rock was encountered in shallow soil (0-0.5 feet). No waste was encountered.
SC-Ref-02	Reference boring east of landfill, center boring	Discrete	Area outside surveyed landfill. Location moved for access. Refusal on rock was encountered at 2.6 feet deep. No waste was encountered.
SC-Ref-03	Reference boring east of landfill, southern boring	Discrete	Area outside surveyed landfill. Location moved for access. Refusal on rock was encountered at 4.0 feet deep. No waste was encountered.
SC-Bldg-01	Building dripline soil	Discrete	Composite of 4 locations around Turtle Bay Beach rooms. Paint chips observed.
SC-Bldg-02	Building dripline soil	Discrete	Composite of 3 locations around northeast end of Turtle Bay Estate House and rooms 102/101. Paint chips observed.
SC-Bldg-03	Building dripline soil	Discrete	Composite of 3 locations along drip edge of painted surfaces at Turtle Bay Child Center.
SC-Bldg-04	Building dripline soil	Discrete	Composite of 4 locations on west side of two Hawksnest building rooms.
SC-Bldg-05	Building dripline soil	Discrete	Composite of 4 locations at Scott Beach Rooms 76, 78, 84, and 86.
SC-Bldg-06	Debris dripline soil	Discrete	Composite of 4 locations at building debris piles around Scott Beach.
SC-Bldg-07	Building dripline soil	Discrete	Composite of 4 locations around Cottage 7.
SC-Bldg-08	Building dripline soil	Discrete	Composite of 4 locations around Rooms 54-57. Paint chips observed. A duplicate (SC-Bldg-101) was collected from this location.
SC-Bldg-09	Building dripline soil	Discrete	Composite of 4 locations around Rooms 26-29
SC-Bldg-10	Building dripline soil	Discrete	Composite of 4 locations around Rooms 30-42

Sample ID	Location	Decision Unit Size	Reason for Sampling
SC-Bldg-11	Building dripline soil	Discrete	Composite of 4 locations around Rooms 14-25
SC-Bldg-12	Building dripline soil	Discrete	Composite of 4 locations around Beach Terrace
SC-Bldg-13	Building/debris dripline soil	Discrete	Composite of 4 locations around Equator Restaurant
SC-Bldg-14	Building dripline soil	Discrete	Composite of 4 locations around Rooms 134-135
SC-Bldg-15	Building dripline soil	Discrete	Composite of 4 locations around Rooms 143-152
SC-Bldg-16	Building dripline soil	Discrete	Composite of 4 locations around Rooms 164-166
SC-Bldg-17	Building dripline soil	Discrete	Composite of 4 locations around Rooms 5-13
SC-Bldg-18	Building dripline soil	Discrete	Composite of 4 locations around Gift Shop
SC-Bldg-19	Building dripline soil	Discrete	Composite of 4 locations around Self Center

Table B-2
Summary of Potential ACM and Lead-Based Paint Observations
Caneel Bay Site

Observation ID	Observation Area Description	Associated Lead-Based Paint Soil Sample	ACM & Lead-Based Paint Observations	Figure B-3 Photo Descriptions	Evidence of Possible ACM Exposure to Environment
A1	Turtle Bay Beach Rooms (Rooms 87-98)	SC-Bldg-01	<ul style="list-style-type: none"> -Substantial damage to the upper level rooms; roofs missing with debris scattered to the south -Plaster fragments with visible fibers observed outside the building footprint on the ground surface -Roof debris with tar paper with visible exposed fibers observed to the south of the building -Tile and grout present but intact; no visible fibers -Paint chips observed on ground and in soil sample 	-Plaster fragment with visible exposed fibers at Turtle Bay Beach rooms	x
A2	Turtle Bay Estate House & Rooms 99-102	SC-Bldg-02	<ul style="list-style-type: none"> -Substantial damage to areas of building complex; portions with missing roofs -Roof debris with tar paper with visible exposed fibers observed within and around the building complex -Dry wall and plaster appear to be largely intact -Tile and grout present but intact; no visible fibers -Few painted exterior surfaces. Peeling paint with multiple visible layers observed in northeast corner of complex 	<ul style="list-style-type: none"> -View of roof debris, including tar paper with visible exposed fibers in Turtle Bay Estate Courtyard -Damaged paint exposed to the environment at rooms 101 and 102 at Turtle Bay Estate 	x
A3	Children's Center "Turtle Town"	SC-Bldg-03	<ul style="list-style-type: none"> -Structure appears to be newer construction in relatively good condition. -Roof intact -Scattered debris, including roof debris with tar paper with visible exposed fibers, observed around building and in playground 	NA	x
A4	Hawknest Beach Massage Cabanas	NA	<ul style="list-style-type: none"> -Structures appear to be newer construction -One cabana collapsed and two other standing -Evidence of lead-based paint or ACM not observed 	NA	
A5	Hawkskest Beach Rooms (Rooms 106-129)	SC-Bldg-04	<ul style="list-style-type: none"> -Structures, including roofs, largely intact -Sand has drifted through some areas of the lower level -Tile and ground present but intact; no visible fibers -Large piles of roof debris, including tar paper with visible exposed fiber, observed around buildings -Metal roofing debris submerged in Hawkskest Bay -Peeling paint with multiple visible layers observed 	-Piled roofing debris, including tar paper with visible exposed fibers, at Hawknest Beach rooms; debris is from other Site structures	x
A6	Scott Beach Rooms (Rooms 67-86)	SC-Bldg-05, SC-Bldg-06	<ul style="list-style-type: none"> -Substantial damage to most buildings; most roofs missing -Large piles of and scattered roof debris to east of buildings. Debris appears consistent with that observed at Hawknest Beach. Roof debris includes tar paper with visible exposed fibers -Most rooms appear to be recently renovated with new dry wall installed over old dry wall. Fibers not observed in dry wall 	<ul style="list-style-type: none"> -View of interior of typical Scott Beach room; roof is missing, paint peeling, sections of drywall are damaged or missing -Piled roofing debris, including tar paper with visible exposed fibers, to the east of Scott Beach rooms 	x
A7	Paradise Beach Rooms, Cottage 7	SC-Bldg-07	<ul style="list-style-type: none"> -Structures, including roofs, largely intact -Possible asbestos pipe leading to exterior observed in basement/former bomb shelter 	NA	

Table B-2
Summary of Potential ACM and Lead-Based Paint Observations
Caneel Bay Site

Observation ID	Observation Area Description	Associated Lead-Based Paint Soil Sample	ACM & Lead-Based Paint Observations	Figure B-3 Photo Descriptions	Evidence of Possible ACM Exposure to Environment
A8	Cottage Point Rooms (Rooms 58-66)	NA	-Structures, including roofs, appear largely intact -Appear to be renovated relatively recently	NA	
A9	Cottage Point Rooms (Rooms 54-57)	SC-Bldg-08, Duplicate SC-Bldg-101	-Structures appear to be partially demolished for possible renovation -Roofs intact -Evidence of fragmented plaster, dry wall, and masonry with possible ACM	-Partial demolition at Cottage Point rooms; evidence of fragmented plaster, dry wall, and masonry with possible ACM	x
A10	Caneel Beach Rooms (Rooms 26-29, 50-53)	SC-Bldg-09	-Structures appear to be partially demolished for possible renovation -Roofs intact -Evidence of fragmented plaster, dry wall, ceiling tile, and masonry with possible ACM -Dry wall debris with visible exposed fibers observed to the east of Rooms 26-29	-Dry wall debris with visible exposed fibers to east of Caneel Beach rooms	x
A11	Caneel Beach Rooms (Rooms 30-49)	SC-Bldg-10	-Structures, including roofs, appear largely intact -Chipping paint observed	NA	
A12	Caneel Beach Rooms (Rooms 14-25)	SC-Bldg-11	-Substantial damage to most buildings; most roofs missing -Large piles of and scattered roof debris around buildings. Roof debris includes tar paper with visible exposed fibers -Dry wall debris with visible fibers observed	-Damaged dry wall with visible exposed fibers in Caneel Beach rooms	x
A13	Beach Terrace Dining Room	SC-Bldg-12	-Roof partially missing -Scattered roof debris, including tar paper with visible exposed fibers -Damaged dry wall with visible fibers	-Roof damage at the Beach Terrace Dining Room; debris includes tar paper with visible exposed fibers	x
A14	Tennis Pro Shop and Massage Center	NA	-Structures appear to be newer construction in relatively good condition -Roof intact -Scattered roof debris from other buildings, including tar paper with visible exposed fibers	NA	x
A15	Equator Restaurant	SC-Bldg-13, Duplicate SC-Bldg-102	-Roof partially missing -Scattered roof debris, including tar paper with visible exposed fibers -Damaged dry wall with visible fibers	NA	x
A16	Garden View Rooms (Rooms 132-142)	SC-Bldg-14	-Appear to be similar construction with only minor damage -Sheet metal roofing partially missing, tar paper appears intact	NA	
A17	Courtside Rooms (143-152)	SC-Bldg-15	-Roof partially missing; significant damage to associated second floor rooms -Scattered roof debris, including tar paper with visible exposed fibers	-View of damage to second floor courtside rooms; roof partially missing, debris includes tar paper with visible exposed fibers	x
A18	Fitness Center	No Sample	-Structure, including roof, appears largely intact -Interior appears to have been in process of renovation. Damaged drywall with visible fibers -Scattered roof debris from other buildings, including tar paper with visible exposed fibers	-Scattered roofing debris, including tar paper with visible exposed fibers, to west of the fitness center	x
A19	Garden View Rooms (Rooms 153-163)	No Sample	-Structures, including roofs, appear largely intact with minor damage -Tar paper with visible exposed fibers observed in areas of damaged roof	NA	x

Table B-2
Summary of Potential ACM and Lead-Based Paint Observations
Caneel Bay Site

Observation ID	Observation Area Description	Associated Lead-Based Paint Soil Sample	ACM & Lead-Based Paint Observations	Figure B-3 Photo Descriptions	Evidence of Possible ACM Exposure to Environment
A20	Garden View Rooms (Rooms 164-166)	SC-Bldg-16	-Structures, including roofs, appear largely intact with minor damage -Evidence of possible ACM not observed	NA	
A21	Residence near Equator Restaurant	NA	-Structure, including roof, appears largely intact with minor damage -Interior drywall damage; visible fibers not observed	NA	
A22	Little Caneel Beach Rooms (Rooms 5-13)	SC-Bldg-17	-Structure, including roof, appears largely intact with minor damage -Evidence of ACM not observed	NA	
A23	Little Caneel Beach Rooms (Rooms 1-4)	NA	-Structure, including roof, appears largely intact with minor damage -Evidence of ACM not observed	NA	
A24	Gift Shop and Day Changing Rooms	SC-Bldg-18	-Structure, including roof, appears largely intact with minor damage -Evidence of ACM not observed	NA	
A25	Residence near wastewater treatment plant	NA	-Significant damage to structure; roof largely missing -Appears to be newer construction; evidence of ACM not observed	NA	
A26	Self Center	SC-Bldg-19	-Structure, including roof, appears largely intact with minor damage -Evidence of ACM not observed	NA	
A27	Gravel Staging Area	NA	-Stacked possible asbestos tile in eastern portion of area -Pile of apparent demolition debris including tile, drywall, mortar with possible ACM observed near wastewater treatment plant	-View looking south of apparent demolition debris pile adjacent to former WWTP -Pile of possible ACM tile in eastern portion of gravel staging area	x
P1	Landscaping Area	NA	-Previously identified and sampled asbestos-cement pipe	See observations	
P2	Engineering Area	NA	-Possible underground/vertical asbestos cement pipe in engineering area	See observations	
P3	Engineering Area Drainage Ditch	NA	-Possible underground/vertical asbestos cement pipe near engineering area drainage ditch	See observations	
P4	Southern edge of gravel staging area	NA	-Possible underground asbestos cement pipe emerging from southern edge of gravel staging area	See observations	
P5	Southern edge of gravel staging area	NA	-Possible underground asbestos cement pipe emerging from southern edge of gravel staging area	See observations	
P6	Debris landfill entrance	NA	-Possible aboveground asbestos cement pipe running downslope towards the landfill entrance	See observations	
P7	Southwestern edge of debris landfill	NA	-Possible underground asbestos cement pipe emerging from southwestern toe of debris landfill	See observations	
P8	Cottage 7 basement/former bomb shelter	NA	-Possible underground asbestos cement pipe through exterior wall of Cottage 7 basement/former bomb shelter	See observations	

Notes

Observation areas, sample locations, and photographs shown on Figure B-3

ACM Asbestos-containing material



Table B-3
Summary of Preliminary Lead-Based Paint Investigation
Surface Soil Results
Caneel Bay Site

Location ID:					SC-BLDG-01	SC-BLDG-02	SC-BLDG-03	SC-BLDG-04	SC-BLDG-05	SC-BLDG-06	SC-BLDG-07	SC-BLDG-08	SC-BLDG-09	SC-BLDG-10	SC-BLDG-11
Sample Date:					2/13/2021	2/13/2021	2/13/2021	2/13/2021	2/13/2021	2/13/2021	2/15/2021	2/15/2021	2/15/2021	2/15/2021	2/15/2021
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'
Analyte (mg/kg)	CAS	Soil RSL	NPS Soil ESV	Soil PAL											
Lead	7439-92-1	400	0.94	0.94	96 *	20	12	11	17	6.8	15	18	20	17	28

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



Table B-3
Summary of Preliminary Lead-Based Paint Investigation
Surface Soil Results
Caneel Bay Site

Location ID:					SC-BLDG-12	SC-BLDG-13	SC-BLDG-14	SC-BLDG-15	SC-BLDG-16	SC-BLDG-17	SC-BLDG-18	SC-BLDG-19
Sample Date:					2/15/2021	2/16/2021	2/16/2021	2/16/2021	2/16/2021	2/16/2021	2/16/2021	2/16/2021
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'
Analyte (mg/kg)	CAS	Soil RSL	NPS Soil ESV	Soil PAL								
Lead	7439-92-1	400	0.94	0.94	22	36	30	15	34	35	34	280

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

Table B-4A
**Summary of ISM Metal Results 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
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
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'
Analyte (mg/kg)	CAS	Soil RSL	NPS Soil ESV	Soil PAL											
Antimony	7440-36-0	3.1	0.248	0.248	U / 0.17	U / 0.17	U / 0.17	U / 0.17	U / 0.17	U / 0.17	U / 0.18	U / 0.16	U / 0.17	U / 0.17	U / 0.17
Arsenic	7440-38-2	0.68	0.25	0.25	2.2	2.5	2.3	5.9	5.4	7.6	2	1.9	2.2	1.7	1.7
Barium	7440-39-3	1500	17.2	17.2	64	66	62	72	64	71	64	64	63	69	68
Beryllium	7440-41-7	16	2.42	2.42	0.25 J	0.3	0.26 J	0.27	0.27	0.26 J	0.24 J	0.24 J	0.22 J	0.24 J	0.22 J
Cadmium	7440-43-9	7.1	0.27	0.27	0.11 J	0.18 J	0.24 J	0.13 J	0.12 J	0.15 J	0.086 J	0.097 J	0.11 J	0.11 J	0.09 J
Chromium, Total	7440-47-3	12000	0.83	0.83	45	47	45	59	54	58	48	47	45	56	58
Copper	7440-50-8	31	14	14	99	120	120	96	83	87	85	84	85	77	78
Lead	7439-92-1	400	0.94	0.94	10	10	12	9	9.4	10	10	10	10	5.3	4.9
Mercury	7439-97-6	1.1	0.013	0.013	0.024 J	0.032 J	0.033 J	0.025 J	0.022 J	0.02 J	0.024 J	0.023 J	0.027 J	0.024 J	0.02 J
Nickel	7440-02-0	150	10	10	29	30	28	28	24	27	23	21	22	25	26
Selenium	7782-49-2	39	0.331	0.331	0.25 J	0.27 J	0.23 J	0.18 J	0.19 J	0.22 J	0.2 J	0.23 J	0.23 J	0.17 J	U / 0.16
Silver	7440-22-4	39	2	2	0.055 J	0.06 J	0.066 J	0.041 J	0.036 J	0.047 J	0.054 J	0.061 J	0.061 J	0.039 J	0.033 J
Thallium	7440-28-0	0.078	0.027	0.027	0.07 J	0.08 J	U / 0.065	U / 0.065	U / 0.065	U / 0.065	U / 0.067	U / 0.062	U / 0.064	U / 0.065	U / 0.065
Zinc	7440-66-6	2300	6.62	6.62	110	110	110	120	100	110	71	67	72	150	110

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

Table B-4A
**Summary of ISM Metal Results in Surface Soil
Caneel Bay Site**

Location ID:					IA-1-04 C	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
Sample Date:					2/24/2021	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
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'
Analyte (mg/kg)	CAS	Soil RSL	NPS Soil ESV	Soil PAL											
Antimony	7440-36-0	3.1	0.248	0.248	U / 0.17	0.27 J	0.27 J	0.24 J	0.17 J	0.2 J	0.2 J	0.23 J	U / 0.17	U / 0.17	U / 0.18
Arsenic	7440-38-2	0.68	0.25	0.25	1.9	5.2	5.2	6.8	2.6	2.8	2.4	4.2	3.9 J+	3.7 J+	6.8
Barium	7440-39-3	1500	17.2	17.2	72	96	90	220	61	66	64	56	54 J+	56 J+	49
Beryllium	7440-41-7	16	2.42	2.42	0.23 J	0.26 J	0.25 J	0.27	0.25 J	0.25 J	0.25 J	0.25 J	0.24 J	0.24 J	0.27 J
Cadmium	7440-43-9	7.1	0.27	0.27	0.099 J	0.25 J	0.29	0.31	0.34	0.39	0.37	0.17 J	0.16 J	0.15 J	0.26 J
Chromium, Total	7440-47-3	12000	0.83	0.83	55	41	40	41	30	34	34	33	31 J+	32 J+	34
Copper	7440-50-8	31	14	14	79	79	86	84	200	84	86	75	72 J+	75 J+	83
Lead	7439-92-1	400	0.94	0.94	5.5	23	27	24	26	27	32	13	12 J+	11 J+	24
Mercury	7439-97-6	1.1	0.013	0.013	0.022 J	0.044 J	0.048 J	0.055 J	0.063 J	0.066 J	0.12	0.041 J	0.05 J	0.035 J	0.042 J
Nickel	7440-02-0	150	10	10	24	18	19	18	18	20	19	17	17 J+	18 J+	19
Selenium	7782-49-2	39	0.331	0.331	0.16 J	0.33 J	0.36 J	0.34 J	0.28 J	0.31 J	0.32 J	0.27 J	0.27 J	0.27 J	0.26 J
Silver	7440-22-4	39	2	2	0.036 J	0.069 J	0.082 J	0.071 J	0.1 J	0.08 J	0.1 J	0.059 J	0.054 J	0.054 J	0.096 J
Thallium	7440-28-0	0.078	0.027	0.027	U / 0.065	U / 0.068	U / 0.067	U / 0.063	U / 0.066	U / 0.068	U / 0.067	U / 0.064	U / 0.066	U / 0.066	U / 0.067
Zinc	7440-66-6	2300	6.62	6.62	140	300	320	330	130	170	140	110	95 J+	94 J+	140

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

Table B-4A
**Summary of ISM Metal Results in Surface Soil
Caneel Bay Site**

Location ID:					IA-2-04 B	IA-2-04 C	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
Sample Date:					2/18/2021	2/18/2021	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
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'
Analyte (mg/kg)	CAS	Soil RSL	NPS Soil ESV	Soil PAL											
Antimony	7440-36-0	3.1	0.248	0.248	U / 0.17	0.17 J	0.2 J	0.22 J	0.22 J	0.29 J	U / 0.18	U / 0.17	U / 0.18	U / 0.17	U / 0.17
Arsenic	7440-38-2	0.68	0.25	0.25	5.9	8.2	8.2 *	11	10	1.7	1.9 J+	2.1 J+	2.5	2.6	3
Barium	7440-39-3	1500	17.2	17.2	50	47	67 *	72	70	66	65 J+	72 J+	64	58	55
Beryllium	7440-41-7	16	2.42	2.42	0.23 J	0.23 J	0.3 *	0.25 J	0.25 J	0.23 J	0.23 J	0.22 J	0.21 J	0.22 J	0.19 J
Cadmium	7440-43-9	7.1	0.27	0.27	0.22 J	0.72	0.16 J,*	0.31	0.15 J	0.1 J	0.094 J	0.11 J	0.093 J	0.097 J	0.09 J
Chromium, Total	7440-47-3	12000	0.83	0.83	31	32	26 *	28	26	24	24 J+	26 J+	26	25	23
Copper	7440-50-8	31	14	14	91	85	76 *	82	84	77	78 J+	81 J+	72	65	65
Lead	7439-92-1	400	0.94	0.94	19	21	29 *	33	33	44	7.7 J+	9.4 J+	8	7.4	6
Mercury	7439-97-6	1.1	0.013	0.013	0.052 J	0.05 J	0.039 J	0.049 J	0.046 J	0.063 J	0.025 J	0.052 J	0.026 J	0.022 J	0.036 J
Nickel	7440-02-0	150	10	10	18	19	19 *	21	23	15	15 J+	16 J+	16	15	14
Selenium	7782-49-2	39	0.331	0.331	0.27 J	0.27 J	0.32 J,*	0.31 J	0.28 J	0.18 J	U / 0.17	U / 0.16	0.19 J	0.2 J	U / 0.17
Silver	7440-22-4	39	2	2	0.082 J	0.11 J	0.052 J,*	0.054 J	0.086 J	0.044 J	0.048 J	0.055 J	0.035 J	0.036 J	0.033 J
Thallium	7440-28-0	0.078	0.027	0.027	U / 0.067	U / 0.067	U,* / 0.066	U / 0.067	U / 0.068	U / 0.067	U / 0.067	U / 0.066	U / 0.068	U / 0.065	U / 0.067
Zinc	7440-66-6	2300	6.62	6.62	130	130	79 *	96	98	74	72 J+	76 J+	64	65	59

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

Table B-4A

Summary of ISM Metal Results in Surface Soil
Caneel Bay Site

Location ID:					IA-3-03 A	IA-3-03 B	IA-3-03 C	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
Sample Date:					2/23/2021	2/23/2021	2/23/2021	2/23/2021	2/23/2021	2/23/2021	2/22/2021	2/22/2021	2/22/2021	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'	0 - 0.5'	0 - 0.5'
Analyte (mg/kg)	CAS	Soil RSL	NPS Soil ESV	Soil PAL											
Antimony	7440-36-0	3.1	0.248	0.248	U / 0.18	U / 0.17	U / 0.17	U / 0.18	U / 0.17	U / 0.17	U / 0.17	U / 0.17	U / 0.18	U / 0.17	U / 0.18
Arsenic	7440-38-2	0.68	0.25	0.25	2.2	2	3.2	1.8	2.3	2.3	1.2 J	0.68 J	U / 0.084	1.6	1.6
Barium	7440-39-3	1500	17.2	17.2	85	77	74	67	64	63	72	53	73	74	73
Beryllium	7440-41-7	16	2.42	2.42	0.29	0.29	0.31	0.23 J	0.25 J	0.24 J	0.3	0.24 J	0.31	0.25 J	0.24 J
Cadmium	7440-43-9	7.1	0.27	0.27	U / 0.061	0.066 J	U / 0.06	0.44	0.36	0.9	U / 0.058	U / 0.06	U / 0.06	U / 0.06	U / 0.061
Chromium, Total	7440-47-3	12000	0.83	0.83	20	18	22	20	21	20	39	27	36	18	19
Copper	7440-50-8	31	14	14	62	60	110	67	61	60	63	43	62	73	76
Lead	7439-92-1	400	0.94	0.94	4	12	4.4	9.3	34	9.8	17	17	18	4.1	3.2
Mercury	7439-97-6	1.1	0.013	0.013	0.023 J	0.02 J	0.023 J	0.039 J	0.041 J	0.036 J	0.021 J	0.021 J	U / 0.02	U / 0.02	U / 0.021
Nickel	7440-02-0	150	10	10	12	11	11	12	12	12	17	12	17	12	12
Selenium	7782-49-2	39	0.331	0.331	0.27 J	0.28 J	0.34 J	0.33 J	0.34 J	0.36 J	0.29 J	0.22 J	0.31 J	0.22 J	0.2 J
Silver	7440-22-4	39	2	2	U / 0.031	U / 0.03	U / 0.031	0.031 J	0.032 J	0.032 J	0.036 J	U / 0.03	0.038 J	U / 0.031	U / 0.031
Thallium	7440-28-0	0.078	0.027	0.027	U / 0.068	U / 0.065	U / 0.067	U / 0.068	U / 0.066	U / 0.065	U / 0.064	U / 0.067	U / 0.067	0.077 J	U / 0.068
Zinc	7440-66-6	2300	6.62	6.62	44	42	54	74	74	89	38	29	40 B	50	49

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

Table B-4A
**Summary of ISM Metal Results in Surface Soil
Caneel Bay Site**

Location ID:					IA-REF-02 C
Sample Date:					2/19/2021
Interval (ftbgs):					0 - 0.5'
Analyte (mg/kg)	CAS	Soil RSL	NPS Soil ESV	Soil PAL	
Antimony	7440-36-0	3.1	0.248	0.248	<i>U / 0.16</i>
Arsenic	7440-38-2	0.68	0.25	0.25	2
Barium	7440-39-3	1500	17.2	17.2	75
Beryllium	7440-41-7	16	2.42	2.42	0.25 J
Cadmium	7440-43-9	7.1	0.27	0.27	0.095 J
Chromium, Total	7440-47-3	12000	0.83	0.83	20
Copper	7440-50-8	31	14	14	79
Lead	7439-92-1	400	0.94	0.94	4.8
Mercury	7439-97-6	1.1	0.013	0.013	0.017 J
Nickel	7440-02-0	150	10	10	13
Selenium	7782-49-2	39	0.331	0.331	0.2 J
Silver	7440-22-4	39	2	2	<i>U / 0.029</i>
Thallium	7440-28-0	0.078	0.027	0.027	<i>U / 0.063</i>
Zinc	7440-66-6	2300	6.62	6.62	54

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

Table B-4B
**Summary of ISM PAH Results 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
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
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 RSL	DPNR Soil	NPS Soil ESV	Soil PAL									
1-Methylnaphthalene	90-12-0	18	200	--	18	0.0049 J	0.0043 J	0.0037 J	U / 0.0027	U / 0.0026	U / 0.0026	U / 0.0026	U / 0.0027	U / 0.0026
2-Methylnaphthalene	91-57-6	24	210	16	16	0.0059 J	0.0062 J	0.0055 J	0.0041 J	0.0056 J	0.005 J	0.0045 J	0.0056 J	0.0051 J
Acenaphthene	83-32-9	360	2400	0.25	0.25	0.01 J	0.0075 J	0.0087 J	U / 0.0029	U / 0.0028	U / 0.0028	U / 0.0028	U / 0.0029	0.01 J
Acenaphthylene	208-96-8	--	1800	120	120	U / 0.004	U / 0.004	U / 0.004	U / 0.0041	U / 0.0039	U / 0.0039	U / 0.004	U / 0.0041	U / 0.0039
Anthracene	120-12-7	1800	21000	6.8	6.8	0.014 J	0.012 J	0.016	U / 0.0025	0.0034 J	0.0044 J	0.0072 J	0.0075 J	0.038
Benz(a)anthracene	56-55-3	1.1	--	0.73	0.73	0.067	0.04	0.056	U / 0.0035	0.017	0.027	0.076	0.079	0.29
Benz(a)pyrene	50-32-8	0.11	0.1	1.98	0.1	0.071	0.04	0.058	U / 0.0095	0.016	0.031	0.064	0.071	0.22
Benz(b)fluoranthene	205-99-2	1.1	--	18	1.1	0.1	0.063	0.085	0.012 J	0.027	0.044	0.088	0.12	0.31
Benz(g,h,l)perylene	191-24-2	--	2500	25	25	0.02	0.015	0.023	U / 0.0072	0.013 J	0.026	0.029	0.027	0.06
Benz(k)fluoranthene	207-08-9	11	--	71	11	0.036	0.021	0.024	U / 0.0071	U / 0.0068	0.018	0.039	0.031	0.13
Chrysene	218-01-9	110	--	3.1	3.1	0.067	0.039	0.054	0.0092 J	0.018	0.035	0.075	0.078	0.27
Dibenz(a,h)anthracene	53-70-3	0.11	--	14	0.11	U / 0.0069	U / 0.0069	0.0076 J	U / 0.0071	U / 0.0068	U / 0.0068	0.01 J	0.012 J	0.032
Fluoranthene (ldryl)	206-44-0	240	3200	10	10	0.14	0.08	0.11	0.013 J	0.037	0.071	0.13	0.12	0.51
Fluorene	86-73-7	240	2600	3.7	3.7	0.0065 J	0.0058 J	0.0058 J	U / 0.0028	U / 0.0027	U / 0.0027	U / 0.0027	U / 0.0028	0.0067 J
Indeno(1,2,3-cd)pyrene	193-39-5	1.1	--	71	1.1	0.022	0.016	0.024	U / 0.0075	0.012 J	0.021	0.029	0.029	0.071
Naphthalene	91-20-3	2	55	1	1	0.0077 J	0.0073 J	0.0095 J	0.007 J	0.0077 J	0.0083 J	0.007 J	0.0081 J	0.0072 J
Phenanthrene	85-01-8	--	2200	5.5	5.5	0.081	0.054	0.067	0.0086 J	0.026	0.039	0.034	0.034	0.16
Pyrene	129-00-0	180	2400	10	10	0.097	0.057	0.083	0.0087 J	0.026	0.05	0.1	0.097	0.38

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

Table B-4B
Summary of ISM PAH Results in Surface Soil
Caneel Bay Site

Location ID:						IA-1-04 A	IA-1-04 B	IA-1-04 C	IA-2-01 A	IA-2-01 B	IA-2-01 C	IA-2-02 A	IA-2-02 B	IA-2-02 C
Sample Date:						2/24/2021	2/24/2021	2/24/2021	2/20/2021	2/20/2021	2/20/2021	2/20/2021	2/20/2021	2/20/2021
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 RSL	DPNR Soil	NPS Soil ESV	Soil PAL									
1-Methylnaphthalene	90-12-0	18	200	--	18	U / 0.0027	U / 0.0027	0.0041 J	0.0039 J	0.0051 J	0.005 J	U / 0.0027	U / 0.0027	U / 0.0027
2-Methylnaphthalene	91-57-6	24	210	16	16	0.008 J	0.0051 J	0.0067 J	0.0053 J	0.0079 J	0.0078 J	0.0048 J	0.005 J	0.0047 J
Acenaphthene	83-32-9	360	2400	0.25	0.25	0.0048 J	U / 0.0029	0.01 J	0.0037 J	0.0098 J	0.005 J	0.0089 J	0.0059 J	0.011 J
Acenaphthylene	208-96-8	--	1800	120	120	U / 0.004	U / 0.004	U / 0.004	U / 0.0041	U / 0.0041	U / 0.0041	U / 0.0041	U / 0.0041	U / 0.0041
Anthracene	120-12-7	1800	21000	6.8	6.8	0.0065 J	U / 0.0024	0.021	U / 0.0025	0.018	0.0091 J	0.015	0.0095 J	0.021
Benz(a)anthracene	56-55-3	1.1	--	0.73	0.73	0.031	U / 0.0034	0.063	0.036	0.11	0.05	0.13	0.095	0.12
Benz(a)pyrene	50-32-8	0.11	0.1	1.98	0.1	0.034	U / 0.0094	0.063	0.043	0.1	0.054	0.13	0.1	0.12
Benz(b)fluoranthene	205-99-2	1.1	--	18	1.1	0.055	U / 0.0065	0.086	0.059	0.15	0.088	0.2	0.16	0.18
Benz(g,h,l)perylene	191-24-2	--	2500	25	25	0.025	U / 0.0072	0.033	0.031	0.057	0.023	0.089	0.069	0.06
Benz(k)fluoranthene	207-08-9	11	--	71	11	0.015	U / 0.007	0.036	0.026	0.067	0.028	0.077	0.057	0.053
Chrysene	218-01-9	110	--	3.1	3.1	0.037	0.0034 J	0.064	0.046	0.12	0.053	0.15	0.12	0.13
Dibenz(a,h)anthracene	53-70-3	0.11	--	14	0.11	U / 0.007	U / 0.007	0.0071 J	0.0073 J	0.015	U / 0.007	0.02	0.016	0.02
Fluoranthene (ldryl)	206-44-0	240	3200	10	10	0.07	0.0061 J	0.14	0.077	0.27	0.092	0.29	0.19	0.21
Fluorene	86-73-7	240	2600	3.7	3.7	U / 0.0028	U / 0.0028	0.0077 J	0.0066 J	0.0079 J	0.0081 J	0.0071 J	0.0062 J	0.013 J
Indeno(1,2,3-cd)pyrene	193-39-5	1.1	--	71	1.1	0.022	U / 0.0074	0.034	0.026	0.055	0.024	0.08	0.061	0.057
Naphthalene	91-20-3	2	55	1	1	0.011 J	0.007 J	0.0096 J	0.0071 J	0.0093 J	0.011 J	0.0055 J	0.0069 J	0.0058 J
Phenanthrene	85-01-8	--	2200	5.5	5.5	0.035	0.0092 J	0.087	0.043	0.15	0.055	0.12	0.073	0.11
Pyrene	129-00-0	180	2400	10	10	0.047	0.0052 J	0.095	0.069	0.2	0.076	0.23	0.16	0.18

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

Table B-4B
**Summary of ISM PAH Results in Surface Soil
Caneel Bay Site**

Location ID:						IA-2-03 A	IA-2-03 B	IA-2-03 C	IA-2-04 A	IA-2-04 B	IA-2-04 C	IA-2-05A	IA-2-05B	IA-2-05C
Sample Date:						2/18/2021	2/18/2021	2/18/2021	2/18/2021	2/18/2021	2/18/2021	2/16/2021	2/16/2021	2/16/2021
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 RSL	DPNR Soil	NPS Soil ESV	Soil PAL									
1-Methylnaphthalene	90-12-0	18	200	--	18	U / 0.0027	U / 0.0027	U / 0.0027	0.0086 J	0.0056 J	0.018	U / 0.0027	U / 0.0027	U / 0.0069
2-Methylnaphthalene	91-57-6	24	210	16	16	0.0058 J	0.0046 J	U / 0.002	0.0091 J	0.009 J	0.02	U / 0.002	U / 0.002	U / 0.005
Acenaphthene	83-32-9	360	2400	0.25	0.25	0.0052 J	0.0077 J	0.0053 J	U / 0.0029	0.0064 J	U / 0.0029	U / 0.0029	U / 0.0029	U / 0.0074
Acenaphthylene	208-96-8	--	1800	120	120	U / 0.004	U / 0.004	U / 0.004	U / 0.004	U / 0.004	U / 0.004	U / 0.004	U / 0.0041	U / 0.01
Anthracene	120-12-7	1800	21000	6.8	6.8	0.0061 J	0.012 J	0.0067 J	0.0054 J	0.0096 J	0.0091 J	U / 0.0024	U / 0.0025	0.016 J
Benz(a)anthracene	56-55-3	1.1	--	0.73	0.73	0.029	0.062 J+	0.04 J+	0.014 J	0.027	0.026	U / 0.0034	U / 0.0035	U / 0.0088
Benz(a)pyrene	50-32-8	0.11	0.1	1.98	0.1	0.03	0.064 J+	0.045 J+	0.013 J	0.026	0.024	U / 0.0093	U / 0.0096	0.026 J
Benz(b)fluoranthene	205-99-2	1.1	--	18	1.1	0.043	0.1 J+	0.055 J+	0.025	0.038	0.031	U / 0.0065	0.008 J	0.05
Benz(g,h,l)perylene	191-24-2	--	2500	25	25	0.016	0.017 J+	0.031 J+	U / 0.0072	0.015	0.012 J	U / 0.0071	U / 0.0073	U / 0.018
Benz(k)fluoranthene	207-08-9	11	--	71	11	0.025	0.038 J+	0.031 J+	U / 0.007	0.018	0.019	U / 0.0069	U / 0.0071	0.021 J
Chrysene	218-01-9	110	--	3.1	3.1	0.031	0.066 J+	0.046 J+	0.015	0.03	0.026	0.0043 J	0.0058 J	0.035 J
Dibenz(a,h)anthracene	53-70-3	0.11	--	14	0.11	U / 0.0069	U / 0.0069	U / 0.007	U / 0.007	U / 0.007	U / 0.007	U / 0.0069	U / 0.0071	U / 0.018
Fluoranthene (ldryl)	206-44-0	240	3200	10	10	0.051	0.12 J+	0.083 J+	0.023	0.054	0.053	0.006 J	0.006 J	0.029 J
Fluorene	86-73-7	240	2600	3.7	3.7	0.0054 J	0.0074 J	0.0054 J	0.0081 J	0.01 J	0.023	U / 0.0027	U / 0.0028	U / 0.0071
Indeno(1,2,3-cd)pyrene	193-39-5	1.1	--	71	1.1	0.013 J	0.018 J+	0.027 J+	U / 0.0074	0.013 J	U / 0.0074	U / 0.0073	U / 0.0076	U / 0.019
Naphthalene	91-20-3	2	55	1	1	0.0065 J	0.0049 J	0.0045 J	0.0071 J	0.0083 J	0.0091 J	U / 0.0024	U / 0.0025	U / 0.0062
Phenanthrene	85-01-8	--	2200	5.5	5.5	0.034	0.07 J+	0.045 J+	0.034	0.065	0.071	0.0035 J	U / 0.0023	U / 0.0057
Pyrene	129-00-0	180	2400	10	10	0.045	0.1 J+	0.064 J+	0.029	0.047	0.082	0.0057 J	0.0059 J	0.034 J

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

Table B-4B
Summary of ISM PAH Results in Surface Soil
Caneel Bay Site

Location ID:														
Sample Date:														
Interval (ftbgs):														
Analyte (mg/kg)	CAS	Soil RSL	DPNR Soil	NPS Soil ESV	Soil PAL									
1-Methylnaphthalene	90-12-0	18	200	--	18	0.0099 J	0.004 J	U / 0.0027	U / 0.0027	0.0037 J	U / 0.0027	U / 0.0027	U / 0.0027	U / 0.0027
2-Methylnaphthalene	91-57-6	24	210	16	16	0.011 J	0.0061 J	U / 0.002	0.0046 J	0.004 J	0.0053 J	0.0061 J	0.005 J	0.0051 J
Acenaphthene	83-32-9	360	2400	0.25	0.25	0.033	0.014 J	0.0043 J	U / 0.0029	0.0049 J	U / 0.0029	U / 0.0029	U / 0.0029	U / 0.0028
Acenaphthylene	208-96-8	--	1800	120	120	U / 0.0041	U / 0.0041	U / 0.0041	U / 0.0041	U / 0.0039	U / 0.0041	U / 0.0041	U / 0.0041	U / 0.004
Anthracene	120-12-7	1800	21000	6.8	6.8	0.037	0.02 J+	0.0038 J	U / 0.0024	0.0059 J	0.0038 J	U / 0.0025	U / 0.0025	U / 0.0024
Benz(a)anthracene	56-55-3	1.1	--	0.73	0.73	0.075	0.046 J+	0.014 J	0.01 J	0.028	0.012 J	U / 0.0035	U / 0.0035	U / 0.0034
Benz(a)pyrene	50-32-8	0.11	0.1	1.98	0.1	0.067	0.044 J+	0.014 J	0.011 J	0.028	0.013 J	U / 0.0095	U / 0.0095	U / 0.0093
Benz(b)fluoranthene	205-99-2	1.1	--	18	1.1	0.088	0.052 J+	0.018 J+	0.016	0.04	0.018	U / 0.0066	U / 0.0066	U / 0.0065
Benz(g,h,l)perylene	191-24-2	--	2500	25	25	0.02	0.026 J+	0.011 J	U / 0.0072	0.011 J	U / 0.0072	U / 0.0072	U / 0.0072	U / 0.0071
Benz(k)fluoranthene	207-08-9	11	--	71	11	0.048	0.032 J+	U / 0.007	U / 0.007	0.015	0.0084 J	U / 0.0071	U / 0.0071	U / 0.0069
Chrysene	218-01-9	110	--	3.1	3.1	0.08	0.045 J+	0.0096 J	0.011 J	0.028	0.012 J	U / 0.0075	U / 0.0075	0.0038 J
Dibenz(a,h)anthracene	53-70-3	0.11	--	14	0.11	U / 0.007	U / 0.007	U / 0.007	U / 0.007	U / 0.0068	U / 0.007	U / 0.007	U / 0.0071	U / 0.0069
Fluoranthene (ldryl)	206-44-0	240	3200	10	10	0.16	0.11 J+	0.029 J+	0.02	0.055	0.023	0.0069 J	0.0067 J	0.0083 J
Fluorene	86-73-7	240	2600	3.7	3.7	0.027	0.011 J	0.0034 J	0.005 J	0.0061 J	0.0052 J	U / 0.0028	U / 0.0028	U / 0.0027
Indeno(1,2,3-cd)pyrene	193-39-5	1.1	--	71	1.1	0.022	0.024 J+	U / 0.0074	U / 0.0074	0.0094 J	U / 0.0075	U / 0.0075	U / 0.0075	U / 0.0073
Naphthalene	91-20-3	2	55	1	1	0.013 J	0.0061 J	U / 0.0024	0.0056 J	0.006 J	0.0062 J	0.011 J	0.0088 J	0.0084 J
Phenanthrene	85-01-8	--	2200	5.5	5.5	0.17	0.089 J+	0.025 J+	0.026	0.045	0.029	0.011 J	0.01 J	0.012 J
Pyrene	129-00-0	180	2400	10	10	0.12	0.11 J+	0.025 J+	0.017	0.045	0.02	0.0048 J	0.0041 J	0.0059 J

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

Table B-4B
Summary of ISM PAH Results in Surface Soil
Caneel Bay Site

Location ID:														
Sample Date:														
Interval (ftbgs):														
Analyte (mg/kg)	CAS	Soil RSL	DPNR Soil	NPS Soil ESV	Soil PAL									
1-Methylnaphthalene	90-12-0	18	200	--	18	0.0037 J	0.005 J	U / 0.0027	U / 0.0027	U / 0.0027	U / 0.0027	U / 0.0027	0.0051 J	U / 0.0027
2-Methylnaphthalene	91-57-6	24	210	16	16	0.0054 J	0.0066 J	0.0048 J	0.0067 J	0.0044 J	0.0053 J	0.0038 J	0.0086 J	0.0036 J
Acenaphthene	83-32-9	360	2400	0.25	0.25	0.011 J	0.01 J	0.0068 J	U / 0.0029	U / 0.0029	U / 0.0028	U / 0.0029	0.0058 J	U / 0.0029
Acenaphthylene	208-96-8	--	1800	120	120	U / 0.004	U / 0.004	U / 0.004	U / 0.0041	U / 0.0041	U / 0.004	U / 0.004	U / 0.0041	U / 0.004
Anthracene	120-12-7	1800	21000	6.8	6.8	0.021	0.013 J	0.015	U / 0.0024	U / 0.0024	U / 0.0024	U / 0.0024	0.0039 J	U / 0.0024
Benz(a)anthracene	56-55-3	1.1	--	0.73	0.73	0.071	0.055	0.1	U / 0.0034	U / 0.0034	U / 0.0034	U / 0.0034	0.0037 J	U / 0.0034
Benz(a)pyrene	50-32-8	0.11	0.1	1.98	0.1	0.064	0.055		U / 0.0094	U / 0.0094	U / 0.0093	U / 0.0094	U / 0.0094	U / 0.0094
Benz(b)fluoranthene	205-99-2	1.1	--	18	1.1	0.084	0.086	0.13	U / 0.0066	U / 0.0066	U / 0.0065	U / 0.0066	U / 0.0066	U / 0.0065
Benz(g,h,i)perylene	191-24-2	--	2500	25	25	0.03	0.035	0.046	U / 0.0072	U / 0.0072	U / 0.0071	U / 0.0072	U / 0.0072	U / 0.0071
Benz(k)fluoranthene	207-08-9	11	--	71	11	0.041	0.029	0.046	U / 0.007	U / 0.007	U / 0.0069	U / 0.007	U / 0.007	U / 0.007
Chrysene	218-01-9	110	--	3.1	3.1	0.067	0.057	0.094	U / 0.0015	U / 0.0015	U / 0.0015	U / 0.0015	0.0039 J	U / 0.0015
Dibenz(a,h)anthracene	53-70-3	0.11	--	14	0.11	0.0083 J	0.0097 J	0.016	U / 0.007	U / 0.007	U / 0.0069	U / 0.007	U / 0.007	U / 0.007
Fluoranthene (ldryl)	206-44-0	240	3200	10	10	0.14	0.12	0.16	U / 0.0045	U / 0.0045	U / 0.0044	0.0056 J	0.017	0.0072 J
Fluorene	86-73-7	240	2600	3.7	3.7	0.0051 J	0.0071 J	0.0052 J	0.004 J	U / 0.0028	U / 0.0027	0.0044 J	0.012 J	0.0045 J
Indeno(1,2,3-cd)pyrene	193-39-5	1.1	--	71	1.1	0.029	0.034	0.042	U / 0.0074	U / 0.0074	U / 0.0073	U / 0.0074	U / 0.0074	U / 0.0074
Naphthalene	91-20-3	2	55	1	1	0.0081 J	0.0094 J	0.0078 J	0.0098 J	0.0077 J	0.0094 J	0.0052 J	0.0082 J	0.0053 J
Phenanthrene	85-01-8	--	2200	5.5	5.5	0.093	0.065	0.058	0.013 J	0.0084 J	0.011 J	0.017	0.059	0.018
Pyrene	129-00-0	180	2400	10	10	0.1	0.082	0.13	U / 0.0022	U / 0.0022	U / 0.0021	0.005 J	0.011 J	0.0046 J

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

Table B-4C

**Summary of ISM Pesticide Results 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 RSL	NPS Soil ESV	Soil PAL												
4,4-DDD	72-54-8	0.19	0.002	0.002	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	2	0.002	0.002	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	1.9	0.002	0.002	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
Aldrin	309-00-2	0.039	0.00332	0.00332	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-BHC	319-84-6	0.086	0.07	0.07	U / 0.00088	U / 0.00086	U / 0.00088	U / 0.0009	U / 0.0009	U / 0.00091	U / 0.00078	U / 0.00082	U / 0.00078	U / 0.00081	U / 0.00092	U / 0.0009
alpha-Chlordane	5103-71-9	--	0.27	0.27	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
beta-BHC	319-85-7	0.3	0.00398	0.00398	U / 0.0017	U / 0.0016	U / 0.0017	U / 0.0017	U / 0.0017	U / 0.0017	U / 0.0015	U / 0.0016	U / 0.0015	U / 0.0015	U / 0.0017	U / 0.0017
Chlordane, Technical	12789-03-6	1.7	0.22	0.22	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
delta-BHC	319-86-8	--	0.07	0.07	U / 0.0016	U / 0.0016	U / 0.0016	U / 0.0017	U / 0.0017	U / 0.0017	U / 0.0015	U / 0.0015	U / 0.0015	U / 0.0015	U / 0.0017	U / 0.0017
Dieldrin	60-57-1	0.034	0.0045	0.0045	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
Endosulfan I	959-98-8	--	--	--	U / 0.0012	U / 0.0011	U / 0.0012	U / 0.0012	U / 0.0012	U / 0.0012	U / 0.001	U / 0.0011	U / 0.001	U / 0.0011	U / 0.0012	U / 0.0012
Endosulfan II	33213-65-9	--	0.56	0.56	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
Endosulfan Sulfate	1031-07-8	38	0.56	0.56	U / 0.0012	U / 0.0012	U / 0.0012	U / 0.0013	U / 0.0013	U / 0.0013	U / 0.0011	U / 0.0012	U / 0.0011	U / 0.0011	U / 0.0013	U / 0.0013
Endrin	72-20-8	1.9	0.0014	0.0014	U / 0.0018	U / 0.0018	U / 0.0018	U / 0.0019	U / 0.0019	U / 0.0019	U / 0.0016	U / 0.0017	U / 0.0016	U / 0.0017	U / 0.0019	U / 0.0019
Endrin Aldehyde	7421-93-4	--	--	--	U / 0.0013	U / 0.0012	U / 0.0013	U / 0.0013	U / 0.0013	U / 0.0013	U / 0.0011	U / 0.0012	U / 0.0011	U / 0.0012	U / 0.13	U / 0.0013
Endrin ketone	53494-70-5	--	--	--	U / 0.00086	U / 0.00084	U / 0.00086	U / 0.00088	U / 0.00088	U / 0.00089	U / 0.00076	U / 0.0008	U / 0.00077	U / 0.0008	U / 0.0009	U / 0.00088
gamma-BHC (Lindane)	58-89-9	0.57	0.005	0.005	U / 0.0017	U / 0.0017	U / 0.0017	U / 0.0018	U / 0.0018	U / 0.0018	U / 0.0015	U / 0.0016	U / 0.0015	U / 0.0016	U / 0.0018	U / 0.0018
Heptachlor	76-44-8	0.13	0.059	0.059	U / 0.0015	U / 0.0015	U / 0.0015	U / 0.0016	U / 0.0016	U / 0.0016	U / 0.0014	U / 0.0014	U / 0.0014	U / 0.0014	U / 0.0016	U / 0.0016
Heptachlor Epoxide	1024-57-3	0.07	--	0.07	U / 0.0014	U / 0.0014	U / 0.0014	U / 0.0014	U / 0.0014	U / 0.0014	U / 0.0012	U / 0.0013	U / 0.0012	U / 0.0013	U / 0.0015	U / 0.0014
Methoxychlor	72-43-5	32	5.1	5.1	U / 0.0064	U / 0.0062	U / 0.0063	U / 0.0065	U / 0.0065	U / 0.0065	U / 0.0056	U / 0.0059	U / 0.0056	U / 0.0059	U / 0.66	U / 0.0065
Toxaphene	8001-35-2	0.49	4.1	0.49	U / 0.024	U / 0.024	U / 0.024	U / 0.025	U / 0.025	U / 0.025	U / 0.021	U / 0.022	U / 0.021	U / 0.022	U / 0.025	U / 0.025
trans-Chlordane	5103-74-2	--	2.2	2.2	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

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

Table B-4C

**Summary of ISM Pesticide Results 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 RSL	NPS Soil ESV	Soil PAL												
4,4-DDD	72-54-8	0.19	0.002	0.002	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	2	0.002	0.002	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	1.9	0.002	0.002	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
Aldrin	309-00-2	0.039	0.00332	0.00332	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-BHC	319-84-6	0.086	0.07	0.07	U / 0.018	U / 0.0091	U / 0.009	U / 0.042	U / 0.018	U / 0.045	U / 0.00091	U / 0.00087	U / 0.00091	U / 0.0046	U / 0.0009	U / 0.00088
alpha-Chlordane	5103-71-9	--	0.27	0.27	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
beta-BHC	319-85-7	0.3	0.00398	0.00398	U / 0.035	U / 0.017	U / 0.017	U / 0.08	U / 0.034	U / 0.086	U / 0.0017	U / 0.0017	U / 0.0017	U / 0.0087	U / 0.0017	U / 0.0017
Chlordane, Technical	12789-03-6	1.7	0.22	0.22	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
delta-BHC	319-86-8	--	0.07	0.07	U / 0.034	U / 0.017	U / 0.017	U / 0.079	U / 0.033	U / 0.084	U / 0.0017	U / 0.0016	U / 0.0017	U / 0.0085	U / 0.0017	U / 0.0016
Dieldrin	60-57-1	0.034	0.0045	0.0045	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
Endosulfan I	959-98-8	--	--	--	U / 0.024	U / 0.012	U / 0.012	U / 0.056	U / 0.023	U / 0.06	U / 0.0012	U / 0.0012	U / 0.0012	0.0095 J	U / 0.0012	U / 0.0012
Endosulfan II	33213-65-9	--	0.56	0.56	U / 0.03	U / 0.015	U / 0.015	U / 0.069	U / 0.029	U / 0.074	U / 0.0015	U / 0.0014	U / 0.0015	0.027 J-	U / 0.0015	U / 0.0014
Endosulfan Sulfate	1031-07-8	38	0.56	0.56	U / 0.026	U / 0.013	U / 0.013	U / 0.06	U / 0.025	U / 0.064	U / 0.0013	U / 0.0012	U / 0.0013	0.012 J	U / 0.0013	U / 0.0012
Endrin	72-20-8	1.9	0.0014	0.0014	U / 0.039	U / 0.019	U / 0.019	U / 0.088	U / 0.037	U / 0.095	U / 0.0019	U / 0.0018	U / 0.0019	U / 0.0095	U / 0.0019	U / 0.0018
Endrin Aldehyde	7421-93-4	--	--	--	U / 0.027	U / 0.013	U / 0.013	U / 0.061	U / 0.025	U / 0.065	U / 0.0013	U / 0.0013	U / 0.0013	U / 0.0066	U / 0.0013	U / 0.0013
Endrin ketone	53494-70-5	--	--	--	U / 0.018	U / 0.0089	U / 0.0088	U / 0.041	U / 0.017	U / 0.044	U / 0.00089	U / 0.00086	U / 0.00089	U / 0.0045	U / 0.00088	U / 0.00086
gamma-BHC (Lindane)	58-89-9	0.57	0.005	0.005	U / 0.036	U / 0.018	U / 0.018	U / 0.083	U / 0.035	U / 0.089	U / 0.0018	U / 0.0017	U / 0.0018	U / 0.009	U / 0.0018	U / 0.0017
Heptachlor	76-44-8	0.13	0.059	0.059	U / 0.032	U / 0.016	U / 0.016	U / 0.073	U / 0.031	U / 0.079	U / 0.0016	U / 0.0015	U / 0.0016	U / 0.0079	U / 0.0016	U / 0.0015
Heptachlor Epoxide	1024-57-3	0.07	--	0.07	U / 0.029	U / 0.014	U / 0.014	U / 0.067	U / 0.028	U / 0.072	U / 0.0014	U / 0.0014	U / 0.0014	U / 0.0072	U / 0.0014	U / 0.0014
Methoxychlor	72-43-5	32	5.1	5.1	U / 0.13	U / 0.065	U / 0.065	U / 0.31	U / 0.13	U / 0.33	U / 0.0066	U / 0.0063	U / 0.0065	U / 0.033	U / 0.0065	U / 0.0064
Toxaphene	8001-35-2	0.49	4.1	0.49	U / 0.51	U / 0.25	U / 0.25	U / 1.2	U / 0.49	U / 1.2	U / 0.025	U / 0.024	U / 0.025	U / 0.13	U / 0.025	U / 0.024
trans-Chlordane	5103-74-2	--	2.2	2.2	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-

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

Table B-4C

**Summary of ISM Pesticide Results 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 RSL	NPS Soil ESV	Soil PAL												
4,4-DDD	72-54-8	0.19	0.002	0.002	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	2	0.002	0.002	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	1.9	0.002	0.002	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
Aldrin	309-00-2	0.039	0.00332	0.00332	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-BHC	319-84-6	0.086	0.07	0.07	U / 0.00087	U / 0.00085	U / 0.00091	U / 0.00078	U / 0.004	U / 0.00088	U / 0.00092	U / 0.00092	U / 0.0009	U / 0.00085	U / 0.00091	U / 0.00091
alpha-Chlordane	5103-71-9	--	0.27	0.27	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
beta-BHC	319-85-7	0.3	0.00398	0.00398	U / 0.0017	U / 0.0016	U / 0.0017	U / 0.0015	U / 0.0076	U / 0.0017	U / 0.0017	U / 0.0018	U / 0.0017	U / 0.0016	U / 0.0017	U / 0.0017
Chlordane, Technical	12789-03-6	1.7	0.22	0.22	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
delta-BHC	319-86-8	--	0.07	0.07	U / 0.0016	U / 0.0016	U / 0.0017	U / 0.0014	U / 0.0074	U / 0.0016	U / 0.0017	U / 0.0017	U / 0.0017	U / 0.0016	U / 0.0017	U / 0.0017
Dieldrin	60-57-1	0.034	0.0045	0.0045	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
Endosulfan I	959-98-8	--	--	--	U / 0.0011	U / 0.0011	U / 0.0012	U / 0.001	U / 0.0053	U / 0.0012	U / 0.0012	U / 0.0012	U / 0.0012	U / 0.0011	U / 0.0012	U / 0.0012
Endosulfan II	33213-65-9	--	0.56	0.56	U / 0.0014	U / 0.0014	U / 0.0015	U / 0.0013	U / 0.0065	U / 0.0014	U / 0.0015	U / 0.0015	U / 0.0015	U / 0.0014	U / 0.0015	U / 0.0015
Endosulfan Sulfate	1031-07-8	38	0.56	0.56	U / 0.0012	U / 0.0012	U / 0.0013	U / 0.0011	U / 0.0056	U / 0.0012	U / 0.0013	U / 0.0013	U / 0.0013	U / 0.0012	U / 0.0013	U / 0.0013
Endrin	72-20-8	1.9	0.0014	0.0014	U / 0.0018	U / 0.0018	U / 0.0019	U / 0.0016	U / 0.0084	U / 0.0018	U / 0.0019	U / 0.0019	U / 0.0019	U / 0.0018	U / 0.0019	U / 0.0019
Endrin Aldehyde	7421-93-4	--	--	--	U / 0.0013	U / 0.0012	U / 0.0013	U / 0.0011	U / 0.0058	U / 0.0013	U / 0.0013	U / 0.0013	U / 0.0013	U / 0.0012	U / 0.0013	U / 0.0013
Endrin ketone	53494-70-5	--	--	--	U / 0.00085	U / 0.00083	U / 0.00089	U / 0.00076	U / 0.0039	U / 0.00086	U / 0.0009	U / 0.0009	U / 0.00088	U / 0.00083	U / 0.00089	U / 0.00089
gamma-BHC (Lindane)	58-89-9	0.57	0.005	0.005	U / 0.0017	U / 0.0017	U / 0.0018	U / 0.0015	U / 0.0079	U / 0.0017	U / 0.0018	U / 0.0018	U / 0.0018	U / 0.0017	U / 0.0018	U / 0.0018
Heptachlor	76-44-8	0.13	0.059	0.059	U / 0.0015	U / 0.0015	U / 0.0016	U / 0.0014	U / 0.007	U / 0.0015	U / 0.0016	U / 0.0016	U / 0.0016	U / 0.0015	U / 0.0016	U / 0.0016
Heptachlor Epoxide	1024-57-3	0.07	--	0.07	U / 0.0014	U / 0.0013	U / 0.0014	U / 0.0012	U / 0.0063	U / 0.0014	U / 0.0015	U / 0.0015	U / 0.0014	U / 0.0014	U / 0.0014	U / 0.0014
Methoxychlor	72-43-5	32	5.1	5.1	U / 0.0063	U / 0.0061	U / 0.0066	U / 0.0056	U / 0.029	U / 0.0064	U / 0.0066	U / 0.0066	U / 0.0065	U / 0.0062	U / 0.0066	U / 0.0066
Toxaphene	8001-35-2	0.49	4.1	0.49	U / 0.024	U / 0.023	U / 0.025	U / 0.021	U / 0.11	U / 0.024	U / 0.025	U / 0.025	U / 0.025	U / 0.023	U / 0.025	U / 0.025
trans-Chlordane	5103-74-2	--	2.2	2.2	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

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

Table B-4C

**Summary of ISM Pesticide Results 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 RSL	NPS Soil ESV	Soil PAL									
4,4-DDD	72-54-8	0.19	0.002	0.002	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	2	0.002	0.002	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	1.9	0.002	0.002	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
Aldrin	309-00-2	0.039	0.00332	0.00332	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-BHC	319-84-6	0.086	0.07	0.07	U / 0.00091	U / 0.0009	U / 0.00081	U / 0.0009	U / 0.00091	U / 0.00085	U / 0.0046	U / 0.00089	U / 0.0009
alpha-Chlordane	5103-71-9	--	0.27	0.27	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
beta-BHC	319-85-7	0.3	0.00398	0.00398	U / 0.0017	U / 0.0017	U / 0.0015	U / 0.0017	U / 0.0017	U / 0.0016	U / 0.0087	U / 0.0017	U / 0.0017
Chlordane, Technical	12789-03-6	1.7	0.22	0.22	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
delta-BHC	319-86-8	--	0.07	0.07	U / 0.0017	U / 0.0017	U / 0.0015	U / 0.0017	U / 0.0017	U / 0.0016	U / 0.0085	U / 0.0017	U / 0.0017
Dieldrin	60-57-1	0.034	0.0045	0.0045	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
Endosulfan I	959-98-8	--	--	--	U / 0.0012	U / 0.0012	U / 0.0011	U / 0.0012	U / 0.0012	U / 0.0011	U / 0.006	U / 0.0012	U / 0.0012
Endosulfan II	33213-65-9	--	0.56	0.56	U / 0.0015	U / 0.0015	U / 0.0013	U / 0.0015	U / 0.0015	U / 0.0014	U / 0.0074	U / 0.0015	U / 0.0015
Endosulfan Sulfate	1031-07-8	38	0.56	0.56	U / 0.0013	U / 0.0013	U / 0.0011	U / 0.0013	U / 0.0013	U / 0.0012	U / 0.0064	U / 0.0013	U / 0.0013
Endrin	72-20-8	1.9	0.0014	0.0014	U / 0.0019	U / 0.0019	U / 0.0017	U / 0.0019	U / 0.0019	U / 0.0018	U / 0.0095	U / 0.0019	U / 0.0019
Endrin Aldehyde	7421-93-4	--	--	--	U / 0.0013	U / 0.0013	U / 0.0012	U / 0.0013	U / 0.0013	U / 0.0012	U / 0.0066	U / 0.0013	U / 0.0013
Endrin ketone	53494-70-5	--	--	--	U / 0.00089	U / 0.00088	U / 0.0008	U / 0.00088	U / 0.00089	U / 0.00084	U / 0.0045	U / 0.00087	U / 0.00088
gamma-BHC (Lindane)	58-89-9	0.57	0.005	0.005	U / 0.0018	U / 0.0018	U / 0.0016	U / 0.0018	U / 0.0018	U / 0.0017	U / 0.009	U / 0.0018	U / 0.0018
Heptachlor	76-44-8	0.13	0.059	0.059	U / 0.0016	U / 0.0016	U / 0.0014	U / 0.0016	U / 0.0016	U / 0.0015	U / 0.0079	U / 0.0015	U / 0.0016
Heptachlor Epoxide	1024-57-3	0.07	--	0.07	U / 0.0014	U / 0.0014	U / 0.0013	U / 0.0014	U / 0.0014	U / 0.0014	U / 0.0072	U / 0.0014	U / 0.0014
Methoxychlor	72-43-5	32	5.1	5.1	U / 0.0065	U / 0.0065	U / 0.0059	U / 0.0065	U / 0.0065	U / 0.0062	U / 0.033	U / 0.0064	U / 0.0065
Toxaphene	8001-35-2	0.49	4.1	0.49	U / 0.025	U / 0.025	U / 0.022	U / 0.025	U / 0.025	U / 0.023	U / 0.13	U / 0.024	U / 0.025
trans-Chlordane	5103-74-2	--	2.2	2.2	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

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

Table B-4D
Summary of ISM PCB Results in Surface Soil
Caneel Bay Site

Location ID:					IA-2-03 A	IA-2-03 B	IA-2-03 C	IA-2-04 A	IA-2-04 B	IA-2-04 C	IA-3-01 A	IA-3-01 B	IA-3-01 C	IA-3-02 A	IA-3-02 B
Sample Date:					2/18/2021	2/18/2021	2/18/2021	2/18/2021	2/18/2021	2/18/2021	2/21/2021	2/21/2021	2/21/2021	2/21/2021	2/21/2021
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'
Analyte (mg/kg)	CAS	Soil RSL	NPS Soil ESV	Soil PAL											
Aroclor 1016	12674-11-2	0.41	1.1	0.41	U / 0.021	U / 0.022	U / 0.022	U / 0.022	U / 0.022	U / 0.022	U / 0.021	U / 0.021	U / 0.022	U / 0.022	U / 0.022
Aroclor 1221	11104-28-2	0.2	--	0.2	U / 0.023	U / 0.024	U / 0.024	U / 0.024	U / 0.024	U / 0.024	U / 0.023	U / 0.023	U / 0.024	U / 0.024	U / 0.024
Aroclor 1232	11141-16-5	0.17	--	0.17	U / 0.022	U / 0.023	U / 0.023	U / 0.023	U / 0.023	U / 0.023	U / 0.022	U / 0.022	U / 0.023	U / 0.023	U / 0.023
Aroclor 1242	53469-21-9	0.23	0.041	0.041	U / 0.018	U / 0.019	U / 0.019	U / 0.019	U / 0.019	U / 0.019	U / 0.018	U / 0.018	U / 0.019	U / 0.019	U / 0.019
Aroclor 1248	12672-29-6	0.23	0.0073	0.0073	U / 0.023	U / 0.024	U / 0.024	U / 0.024	U / 0.024	U / 0.024	U / 0.023	U / 0.023	U / 0.024	U / 0.024	U / 0.024
Aroclor 1254	11097-69-1	0.12	0.041	0.041	U / 0.022	U / 0.023	U / 0.023	U / 0.023	U / 0.023	U / 0.023	U / 0.022	U / 0.022	U / 0.023	U / 0.023	U / 0.023
Aroclor 1260	11096-82-5	0.24	0.88	0.24	U / 0.021	U / 0.022	U / 0.022	U / 0.022	U / 0.022	U / 0.022	U / 0.021	U / 0.021	U / 0.022	U / 0.022	U / 0.022

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

Table B-4D
Summary of ISM PCB Results in Surface Soil
Caneel Bay Site

Location ID:					IA-3-02 C	IA-3-03 A	IA-3-03 B	IA-3-03 C	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
Sample Date:					2/21/2021	2/23/2021	2/23/2021	2/23/2021	2/23/2021	2/23/2021	2/23/2021	2/22/2021	2/22/2021	2/22/2021	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'	0 - 0.5'	0 - 0.5'
Analyte (mg/kg)	CAS	Soil RSL	NPS Soil ESV	Soil PAL											
Aroclor 1016	12674-11-2	0.41	1.1	0.41	U / 0.021	U / 0.021	U / 0.022	U / 0.019	U / 0.02	U / 0.022	U / 0.021	U / 0.02	U / 0.022	U / 0.021	U / 0.022
Aroclor 1221	11104-28-2	0.2	--	0.2	U / 0.023	U / 0.023	U / 0.024	U / 0.021	U / 0.022	U / 0.024	U / 0.023	U / 0.021	U / 0.024	U / 0.023	U / 0.023
Aroclor 1232	11141-16-5	0.17	--	0.17	U / 0.022	U / 0.022	U / 0.023	U / 0.02	U / 0.021	U / 0.023	U / 0.022	U / 0.021	U / 0.023	U / 0.022	U / 0.023
Aroclor 1242	53469-21-9	0.23	0.041	0.041	U / 0.018	U / 0.018	U / 0.019	U / 0.017	U / 0.017	U / 0.019	U / 0.018	U / 0.017	U / 0.019	U / 0.018	U / 0.019
Aroclor 1248	12672-29-6	0.23	0.0073	0.0073	U / 0.023	U / 0.023	U / 0.024	U / 0.021	U / 0.022	U / 0.024	U / 0.023	U / 0.021	U / 0.024	U / 0.023	U / 0.023
Aroclor 1254	11097-69-1	0.12	0.041	0.041	U / 0.022	U / 0.022	U / 0.023	U / 0.02	U / 0.021	U / 0.023	U / 0.022	U / 0.021	U / 0.023	U / 0.022	U / 0.023
Aroclor 1260	11096-82-5	0.24	0.88	0.24	U / 0.021	U / 0.021	U / 0.022	U / 0.019	U / 0.02	U / 0.022	U / 0.021	U / 0.02	U / 0.022	U / 0.021	U / 0.022

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

Table B-4D
**Summary of ISM PCB Results in Surface Soil
Caneel Bay Site**

Location ID:						
Sample Date:						
Interval (ftbgs):						
Analyte (mg/kg)	CAS	Soil RSL	NPS Soil ESV	Soil PAL		
Aroclor 1016	12674-11-2	0.41	1.1	0.41	<i>U / 0.022</i>	<i>U / 0.02</i>
Aroclor 1221	11104-28-2	0.2	--	0.2	<i>U / 0.024</i>	<i>U / 0.022</i>
Aroclor 1232	11141-16-5	0.17	--	0.17	<i>U / 0.023</i>	<i>U / 0.021</i>
Aroclor 1242	53469-21-9	0.23	0.041	0.041	<i>U / 0.019</i>	<i>U / 0.017</i>
Aroclor 1248	12672-29-6	0.23	0.0073	0.0073	<i>U / 0.024</i>	<i>U / 0.022</i>
Aroclor 1254	11097-69-1	0.12	0.041	0.041	<i>U / 0.023</i>	<i>U / 0.021</i>
Aroclor 1260	11096-82-5	0.24	0.88	0.24	<i>U / 0.022</i>	<i>U / 0.02</i>

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

Table B-4E
Summary of ISM VOC Results in Surface Soil
Caneel Bay Site

Location ID:						IA-2-05A	IA-2-05B	IA-2-05C
Sample Date:						2/16/2021	2/16/2021	2/16/2021
Interval (ftbgs):						0 - 0.5'	0 - 0.5'	0 - 0.5'
Analyte (mg/kg)	CAS	Soil RSL	DPNR Soil	NPS Soil ESV	Soil PAL			
1,1,1-Trichloroethane	71-55-6	810	--	260	260	U / 0.13	U / 0.13	U / 0.14
1,1,2,2-Tetrachloroethane	79-34-5	0.6	--	--	0.6	U / 0.26	U / 0.25	U / 0.26
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	670	--	--	--	U / 0.12	U / 0.11	U / 0.12
1,1,2-Trichloroethane	79-00-5	0.15	--	--	0.15	U / 0.098	U / 0.094	U / 0.1
1,1-Dichloroethane	75-34-3	3.6	--	210	3.6	U / 0.083	U / 0.079	U / 0.085
1,1-Dichloroethene	75-35-4	23	--	11	11	U / 0.14	U / 0.14	U / 0.14
1,2,4-Trichlorobenzene	120-82-1	5.8	--	0.27	0.27	U / 0.23	U / 0.22	U / 0.23
1,2-Dibromo-3-chloropropane	96-12-8	0.0053	--	--	0	U / 0.38	U / 0.37	U / 0.39
1,2-Dibromoethane	106-93-4	0.036	--	--	0.036	U / 0.14	U / 0.13	U / 0.14
1,2-Dichlorobenzene	95-50-1	180	--	0.92	0.92	U / 0.21	U / 0.2	U / 0.21
1,2-Dichloroethane	107-06-2	0.46	0.5	0.85	0.46	U / 0.081	U / 0.078	U / 0.083
1,2-Dichloropropane	78-87-5	1.6	--	700	1.6	U / 0.064	U / 0.061	U / 0.065
1,3-Dichlorobenzene	541-73-1		--	0.74	0.74	U / 0.079	U / 0.076	U / 0.081
1,4-Dichlorobenzene	106-46-7	2.6	--	0.89	0.89	U / 0.095	U / 0.091	U / 0.097
2-Hexanone	591-78-6	20	--	0.36	0.36	U / 0.45	U / 0.43	U / 0.46
4-Methyl-2-Pentanone	108-10-1	3300	--	9.7	9.7	U / 0.41	U / 0.39	U / 0.42
Acetone	67-64-1	6100	--	1.2	1.2	U / 0.42	U / 0.4	U / 0.43
Benzene	71-43-2	1.2	1.2	24	1.2	U / 0.072	U / 0.069	U / 0.074
Bromodichloromethane	75-27-4	0.29	--	--	0.29	U / 0.048	U / 0.046	U / 0.049
Bromoform	75-25-2	19	--	--	19	U / 0.39	U / 0.38	U / 0.4
Bromomethane	74-83-9	0.68	--	--	0.68	U / 0.29	U / 0.27	U / 0.29
Carbon disulfide	75-15-0	77	--	0.81	0.81	U / 0.19	U / 0.18	U / 0.19
Carbon Tetrachloride	56-23-5	0.65	--	58.6	0.65	U / 0.18	U / 0.17	U / 0.18
Chlorobenzene	108-90-7	28	--	2.4	2.4	U / 0.06	U / 0.058	U / 0.062
Chloroethane	75-00-3	1400	--	--	1400	U / 0.26	U / 0.25	U / 0.26
Chloroform	67-66-3	0.32	--	8	0.32	U / 0.093	U / 0.089	U / 0.095
Chloromethane	74-87-3	11	--	--	11	U / 0.11	U / 0.11	U / 0.12
cis-1,2-Dichloroethene	156-59-2	16	--	89.6	16	U / 0.069	U / 0.066	U / 0.07
cis-1,3-Dichloropropene	10061-01-5		--	--	--	U / 0.21	U / 0.2	U / 0.22
Cyclohexane	110-82-7	650	--	--	650	U / 0.28	U / 0.27	U / 0.29
Dibromochloromethane	124-48-1	8.3	--	--	8.3	U / 0.2	U / 0.19	U / 0.21
Dichlorodifluoromethane	75-71-8	8.7	--	--	8.7	U / 0.091	U / 0.088	U / 0.093
Ethylbenzene	100-41-4	5.8	1500	--	5.8	U / 0.081	U / 0.078	U / 0.083
Isopropylbenzene	98-82-8	190	--	--	190	U / 0.066	U / 0.063	U / 0.067
Methyl Acetate	79-20-9	7800	--	--	7800	1.1 J	0.95 J	1 J
Methyl ethyl ketone	78-93-3	2700	--	350	350	U / 0.27	U / 0.26	U / 0.28
Methyl Tert-Butyl Ether	1634-04-4	47	4400	--	47	U / 0.064	U / 0.061	U / 0.065
Methylcyclohexane	108-87-2		--	--	--	U / 0.11	U / 0.11	U / 0.12
Methylene chloride	75-09-2	35	--	2.6	2.6	U / 0.66	U / 0.63	U / 0.67
n-Hexane	110-54-3	61	--	--	61	U / 0.2	U / 0.19	U / 0.2
Styrene	100-42-5	600	--	1.2	1.2	U / 0.09	U / 0.086	U / 0.092
Tetrachloroethene	127-18-4	8.1	--	0.18	0.18	U / 0.17	U / 0.16	U / 0.17
Tetrahydrofuran	109-99-9	1800	--	--	1800	U / 0.24	U / 0.23	U / 0.25
Toluene	108-88-3	490	--	23	23	U / 0.41	U / 0.4	U / 0.42
trans-1,2-Dichloroethene	156-60-5	7	--	89.6	7	U / 0.11	U / 0.1	U / 0.11
trans-1,3-Dichloropropene	10061-02-6		--	--	--	U / 0.18	U / 0.17	U / 0.19
Trichloroethene	79-01-6	0.41	--	1.387	0.41	U / 0.25	U / 0.24	U / 0.25
Trichlorofluoromethane	75-69-4	2300	--	52	52	U / 0.24	U / 0.23	U / 0.24
Vinyl chloride	75-01-4	0.059	--	0.12	0.059	U / 0.21	U / 0.2	U / 0.22
Xylenes, Total	1330-20-7	58	130	1.4	1.4	U / 0.16	U / 0.15	U / 0.16

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

Table B-5A**Summary of Metal Results in Subsurface Soil
Caneel Bay Site**

Location ID:					SC-101	SC-102	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
Sample Date:					2/22/2021	2/22/2021	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
Interval (ftbgs):					-	-	0.5 - 2.5'	5 - 6'	0 - 3'	3 - 6'	0 - 3'	3 - 6'	0 - 3'	3 - 6'	0 - 3'
Analyte (mg/kg)	CAS	Soil RSL	NPS Soil ESV	Soil PAL											
Antimony	7440-36-0	3.1	0.248	0.248	<i>U / 0.09</i>	<i>U / 0.16</i>	<i>U / 0.12</i>	0.12 J	<i>U / 0.09</i>	<i>U / 0.14</i>	<i>U / 0.13</i>	<i>U / 0.12</i>	<i>U / 0.12</i>	<i>U / 0.13</i>	<i>U / 0.16</i>
Arsenic	7440-38-2	0.68	0.25	0.25	1.7	1.9	1	3.3	0.61 J	0.71 J	4.9	2.7	0.99	1.1	2
Barium	7440-39-3	1500	17.2	17.2	38	56	47	60	40	56	43	54	66	60	81
Beryllium	7440-41-7	16	2.42	2.42	0.19	0.2 J	0.15 J	0.25	0.15	0.25	0.18 J	0.19	0.18 J	0.15 J	0.24 J
Cadmium	7440-43-9	7.1	0.27	0.27	0.049 J	0.15 J	0.13 J	0.15 J	0.072 J	0.071 J	0.12 J	0.077 J	0.057 J	0.062 J	0.13 J
Chromium, Total	7440-47-3	12000	0.83	0.83	13	21	19	31	12	16	34	24	13	16	22
Copper	7440-50-8	31	14	14	50	57	60	56	54	58	73	68	64	65	90
Lead	7439-92-1	400	0.94	0.94	2	5.9	4.3	10	4.3	3.2	6.3	6.6	2	2.3	9.2
Mercury	7439-97-6	1.1	0.013	0.013	<i>U / 0.018</i>	0.055 J	<i>U / 0.018</i>	0.04 J	<i>U / 0.016</i>	<i>U / 0.023</i>	0.031 J	0.033 J	<i>U / 0.023</i>	<i>U / 0.02</i>	0.1 J
Nickel	7440-02-0	150	10	10	7.7	12	11	16	8.6	11	16	14	9.8	11	16
Selenium	7782-49-2	39	0.331	0.331	0.14 J	0.21 J	0.13 J	0.27 J	0.094 J	0.15 J	0.27 J	0.18 J	0.15 J	0.12 J	0.29 J
Silver	7440-22-4	39	2	2	<i>U / 0.016</i>	0.048 J	0.028 J	0.049 J	0.018 J	<i>U / 0.025</i>	0.035 J	0.031 J	<i>U / 0.021</i>	<i>U / 0.022</i>	0.039 J
Thallium	7440-28-0	0.078	0.027	0.027	<i>U / 0.035</i>	<i>U / 0.062</i>	0.052 J	0.1 J	0.053 J	<i>U / 0.056</i>	<i>U / 0.049</i>	<i>U / 0.046</i>	<i>U / 0.047</i>	<i>U / 0.048</i>	<i>U / 0.063</i>
Zinc	7440-66-6	2300	6.62	6.62	33	58	51	69	46	48	65	62	43	50	74

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

Table B-5A**Summary of Metal Results in Subsurface Soil
Caneel Bay Site**

Location ID:					SC-3-06	SC-3-07	SC-3-07	SC-3-08	SC-3-08	SC-3-09	SC-3-09	SC-3-10	SC-3-10	SC-3-11	SC-3-11
Sample Date:					2/19/2021	2/19/2021	2/19/2021	2/21/2021	2/21/2021	2/21/2021	2/21/2021	2/22/2021	2/22/2021	2/21/2021	2/21/2021
Interval (ftbgs):					3 - 6'	0 - 3'	3 - 6'	0 - 3'	3 - 6'	0 - 3'	3 - 6'	0 - 3'	3 - 6'	0 - 3'	3 - 6'
Analyte (mg/kg)	CAS	Soil RSL	NPS Soil ESV	Soil PAL											
Antimony	7440-36-0	3.1	0.248	0.248	<i>U / 0.1</i>	<i>U / 0.13</i>	<i>U / 0.12</i>	0.16 J	<i>U / 0.14</i>	<i>U / 0.11</i>	<i>U / 0.13</i>	<i>U / 0.11</i>	<i>U / 0.14</i>	<i>U / 0.11</i>	<i>U / 0.15</i>
Arsenic	7440-38-2	0.68	0.25	0.25	1.4	5.7	0.76 J	2.6	1.1	1.9	2.3	1.4	1.4	1.3	2.6
Barium	7440-39-3	1500	17.2	17.2	58	66	52	60	66	51	46	38	49	35	51
Beryllium	7440-41-7	16	2.42	2.42	0.19	0.23	0.17 J	0.19 J	0.29	0.16 J	0.15 J	0.19	0.16 J	0.2	0.17 J
Cadmium	7440-43-9	7.1	0.27	0.27	0.13 J	0.23	<i>U / 0.043</i>	0.7	0.079 J	0.1 J	0.12 J	0.052 J	0.12 J	0.075 J	0.081 J
Chromium, Total	7440-47-3	12000	0.83	0.83	23	38	13	26	18	19	21	13	17	15	19
Copper	7440-50-8	31	14	14	76	72	67	71	63	69	57	55	56	58 J	47
Lead	7439-92-1	400	0.94	0.94	5.1	12	0.91	13	3.5	6	8.9	2.1	5.3	4.5	5.4
Mercury	7439-97-6	1.1	0.013	0.013	0.028 J	0.067 J	<i>U / 0.021</i>	0.092 J	0.022 J	0.03 J	0.029 J	<i>U / 0.019</i>	0.048 J	<i>U / 0.018</i>	0.023 J
Nickel	7440-02-0	150	10	10	14	16	12	17	10	13	13	7.9	11	9.3	13
Selenium	7782-49-2	39	0.331	0.331	0.19 J	0.29 J	<i>U / 0.12</i>	0.29 J	0.42 J	0.17 J	0.19 J	0.13 J	0.18 J	0.14 J	0.16 J
Silver	7440-22-4	39	2	2	0.025 J	0.056 J	<i>U / 0.022</i>	0.073 J	0.041 J	0.034 J	0.038 J	<i>U / 0.02</i>	0.036 J	0.029 J	0.028 J
Thallium	7440-28-0	0.078	0.027	0.027	<i>U / 0.04</i>	<i>U / 0.051</i>	0.064 J	<i>U / 0.049</i>	<i>U / 0.054</i>	<i>U / 0.043</i>	<i>U / 0.05</i>	<i>U / 0.043</i>	<i>U / 0.056</i>	0.095 J	<i>U / 0.056</i>
Zinc	7440-66-6	2300	6.62	6.62											

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

Table B-5A
**Summary of Metal Results in Subsurface Soil
Caneel Bay Site**

Location ID:					SC-REF-01	SC-REF-02	SC-REF-03
Sample Date:					2/21/2021	2/21/2021	2/21/2021
Interval (ftbgs):					0 - 0.5'	0 - 2.6'	0 - 3'
Analyte (mg/kg)	CAS	Soil RSL	NPS Soil ESV	Soil PAL			
Antimony	7440-36-0	3.1	0.248	0.248	<i>U / 0.13</i>	<i>U / 0.12</i>	0.28 J
Arsenic	7440-38-2	0.68	0.25	0.25	0.55 J	0.51 J	6.3
Barium	7440-39-3	1500	17.2	17.2	59	46	46
Beryllium	7440-41-7	16	2.42	2.42	<i>U / 0.048</i>	0.17 J	0.14 J
Cadmium	7440-43-9	7.1	0.27	0.27	0.047 J	0.056 J	0.19
Chromium, Total	7440-47-3	12000	0.83	0.83	14	12	16
Copper	7440-50-8	31	14	14	65	73	41
Lead	7439-92-1	400	0.94	0.94	1	0.72	18
Mercury	7439-97-6	1.1	0.013	0.013	<i>U / 0.022</i>	<i>U / 0.018</i>	0.022 J
Nickel	7440-02-0	150	10	10	10	10	11
Selenium	7782-49-2	39	0.331	0.331	0.15 J	0.13 J	0.24 J
Silver	7440-22-4	39	2	2	<i>U / 0.022</i>	<i>U / 0.021</i>	0.038 J
Thallium	7440-28-0	0.078	0.027	0.027	0.076 J	0.067 J	<i>U / 0.044</i>
Zinc	7440-66-6	2300	6.62	6.62	43	46	77 J

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

Table B-5B
Summary of PAH Results in Subsurface Soil
Caneel Bay Site

Location ID:						SC-101	SC-102	SC-3-01	SC-3-01	SC-3-02	SC-3-02	SC-3-03	SC-3-03	SC-3-04	SC-3-04
Sample Date:						2/22/2021	2/22/2021	2/17/2021	2/17/2021	2/19/2021	2/19/2021	2/19/2021	2/19/2021	2/19/2021	2/19/2021
Interval (ftbgs):						-	-	0.5 - 2.5'	5 - 6'	0 - 3'	3 - 6'	0 - 3'	3 - 6'	0 - 3'	3 - 6'
Analyte (mg/kg)	CAS	Soil RSL	DPNR Soil	NPS Soil ESV	Soil PAL										
1-Methylnaphthalene	90-12-0	18	200	--	18	U / 0.0029	U / 0.0039	0.046	0.14	U / 0.0028	U / 0.0032	U / 0.0029	U / 0.0032	U / 0.003	U / 0.0033
2-Methylnaphthalene	91-57-6	24	210	16	16	U / 0.0021	U / 0.0028	0.097	0.29	U / 0.0021	U / 0.0023	U / 0.0021	U / 0.0023	U / 0.0022	U / 0.0024
Acenaphthene	83-32-9	360	2400	0.25	0.25	U / 0.0031	U / 0.0041	0.0086 J	0.035	U / 0.003	U / 0.0034	0.0043 J	U / 0.0034	U / 0.0032	U / 0.0035
Acenaphthylene	208-96-8	--	1800	120	120	U / 0.0043	U / 0.0058	U / 0.0045	U / 0.0044	U / 0.0042	U / 0.0047	U / 0.0043	U / 0.0047	U / 0.0044	U / 0.0049
Anthracene	120-12-7	1800	21000	6.8	6.8	U / 0.0026	U / 0.0035	0.0042 J	U / 0.0027	U / 0.0025	U / 0.0029	0.0044 J	U / 0.0029	U / 0.0027	U / 0.0029
Benz(a)anthracene	56-55-3	1.1	--	0.73	0.73	U / 0.0037	0.011 J	0.024	0.013 J	U / 0.0036	0.0061 J	0.021	0.01 J	U / 0.0038	U / 0.0041
Benz(a)pyrene	50-32-8	0.11	0.1	1.98	0.1	U / 0.01	U / 0.013	0.026	0.015 J	U / 0.0098	U / 0.011	0.018	0.011 J	U / 0.01	U / 0.011
Benz(b)fluoranthene	205-99-2	1.1	--	18	1.1	U / 0.007	0.017 J	0.038	0.021	U / 0.0068	0.0079 J	0.025	0.015 J	U / 0.0072	U / 0.0079
Benz(g,h,i)perylene	191-24-2	--	2500	25	25	U / 0.0076	U / 0.01	0.015 J	U / 0.0078	U / 0.0074	U / 0.0084	0.0086 J	U / 0.0084	U / 0.0078	U / 0.0086
Benz(k)fluoranthene	207-08-9	11	--	71	11	U / 0.0075	U / 0.01	0.013 J	U / 0.0077	U / 0.0073	U / 0.0082	0.0085 J	U / 0.0082	U / 0.0076	U / 0.0084
Chrysene	218-01-9	110	--	3.1	3.1	0.0039 J	0.012 J	0.026	0.015 J	U / 0.0016	0.0094 J	0.022	0.011 J	U / 0.0016	U / 0.0018
Dibenz(a,h)anthracene	53-70-3	0.11	--	14	0.11	U / 0.0075	U / 0.0099	U / 0.0078	U / 0.0076	U / 0.0073	U / 0.0082	U / 0.0074	U / 0.0082	U / 0.0076	U / 0.0084
Fluoranthene (ldryl)	206-44-0	240	3200	10	10	0.01 J	0.026	0.042	0.026	U / 0.0047	0.0089 J	0.034	0.017 J	U / 0.0049	U / 0.0054
Fluorene	86-73-7	240	2600	3.7	3.7	U / 0.003	U / 0.0039	0.0061 J	0.018	U / 0.0029	U / 0.0032	U / 0.0029	U / 0.0032	U / 0.003	U / 0.0033
Indeno(1,2,3-cd)pyrene	193-39-5	1.1	--	71	1.1	U / 0.0079	U / 0.011	0.011 J	U / 0.0081	U / 0.0077	U / 0.0087	U / 0.0079	U / 0.0087	U / 0.0081	U / 0.009
Naphthalene	91-20-3	2	55	1	1	U / 0.0026	U / 0.0035	0.021	0.057	U / 0.0025	U / 0.0029	U / 0.0026	U / 0.0029	U / 0.0027	U / 0.0029
Phenanthrene	85-01-8	--	2200	5.5	5.5	0.0078 J	0.013 J	0.023	0.026	U / 0.0023	0.007 J	0.018	0.015 J	U / 0.0025	U / 0.0027
Pyrene	129-00-0	180	2400	10	10	0.007 J	0.019 J	0.035	0.023	U / 0.0022	0.0083 J	0.031	0.016 J	U / 0.0024	0.0043 J

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

Table B-5B
Summary of PAH Results in Subsurface Soil
Caneel Bay Site

Location ID:															
Sample Date:															
Interval (ftbgs):															
Analyte (mg/kg)	CAS	Soil RSL	DPNR Soil	NPS Soil ESV	Soil PAL										
1-Methylnaphthalene	90-12-0	18	200	--	18	0.0051 J	U / 0.0031	U / 0.003	U / 0.0029	U / 0.0031	U / 0.0034	U / 0.003	U / 0.003	U / 0.0029	U / 0.0034
2-Methylnaphthalene	91-57-6	24	210	16	16	0.0075 J	U / 0.0023	U / 0.0022	U / 0.0021	U / 0.0022	U / 0.0025	U / 0.0022	U / 0.0022	U / 0.0021	U / 0.0025
Acenaphthene	83-32-9	360	2400	0.25	0.25	U / 0.0041	U / 0.0033	U / 0.0032	U / 0.0031	U / 0.0033	U / 0.0036	0.0075 J	U / 0.0032	U / 0.0031	U / 0.0036
Acenaphthylene	208-96-8	--	1800	120	120	U / 0.0058	U / 0.0047	U / 0.0045	U / 0.0044	U / 0.0046	U / 0.005	U / 0.0045	U / 0.0045	U / 0.0043	U / 0.005
Anthracene	120-12-7	1800	21000	6.8	6.8	0.0072 J	U / 0.0028	0.0075 J	U / 0.0026	U / 0.0028	U / 0.003	0.017	U / 0.0027	U / 0.0026	U / 0.003
Benz(a)anthracene	56-55-3	1.1	--	0.73	0.73	0.028	0.0043 J	0.04	U / 0.0037	0.014 J	U / 0.0043	0.068	0.0061 J	U / 0.0037	U / 0.0043
Benz(a)pyrene	50-32-8	0.11	0.1	1.98	0.1	0.022	U / 0.011	0.038	U / 0.01	0.019	U / 0.012	0.067	U / 0.01	U / 0.01	U / 0.012
Benz(b)fluoranthene	205-99-2	1.1	--	18	1.1	0.033	U / 0.0076	0.056	U / 0.0071	0.027	U / 0.0082	0.098	0.011 J	U / 0.007	0.0088 J
Benz(g,h,i)perylene	191-24-2	--	2500	25	25	U / 0.01	U / 0.0083	0.013 J	U / 0.0078	0.014 J	U / 0.0089	0.034	U / 0.0079	U / 0.0077	U / 0.0089
Benz(k)fluoranthene	207-08-9	11	--	71	11	0.015 J	U / 0.0081	0.022	U / 0.0076	0.012 J	U / 0.0087	0.033	U / 0.0077	U / 0.0075	U / 0.0087
Chrysene	218-01-9	110	--	3.1	3.1	0.028	0.0048 J	0.037	U / 0.0016	0.02	U / 0.0019	0.074	0.0071 J	U / 0.0016	0.0065 J
Dibenz(a,h)anthracene	53-70-3	0.11	--	14	0.11	U / 0.01	U / 0.0081	U / 0.0078	U / 0.0076	U / 0.0079	U / 0.0087	0.0082 J	U / 0.0077	U / 0.0075	U / 0.0087
Fluoranthene (ldryl)	206-44-0	240	3200	10	10	0.051	0.0074 J	0.067	U / 0.0049	0.017	U / 0.0056	0.15	0.0094 J	U / 0.0048	0.012 J
Fluorene	86-73-7	240	2600	3.7	3.7	U / 0.0039	U / 0.0032	U / 0.0031	U / 0.003	U / 0.0031	U / 0.0034	0.0068 J	U / 0.0031	U / 0.003	U / 0.0034
Indeno(1,2,3-cd)pyrene	193-39-5	1.1	--	71	1.1	U / 0.011	U / 0.0086	0.013 J	U / 0.008	0.013 J	U / 0.0092	0.031	U / 0.0082	U / 0.008	U / 0.0092
Naphthalene	91-20-3	2	55	1	1	U / 0.0035	U / 0.0028	U / 0.0027	U / 0.0026	U / 0.0028	U / 0.003	U / 0.0027	U / 0.0027	U / 0.0026	U / 0.003
Phenanthrene	85-01-8	--	2200	5.5	5.5	0.036	0.0066 J	0.039	U / 0.0024	0.0073 J	U / 0.0028	0.092	0.004 J	U / 0.0024	0.0072 J
Pyrene	129-00-0	180	2400	10	10	0.043	0.0061 J	0.055	U / 0.0023	0.022	U / 0.0027	0.13	0.0085 J	U / 0.0023	0.0096 J

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

Table B-5B
Summary of PAH Results in Subsurface Soil
Caneel Bay Site

Location ID:						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	2/21/2021	2/21/2021
Interval (ftbgs):						0 - 3'	3 - 6'	0 - 0.5'	0 - 2.6'	0 - 3'
Analyte (mg/kg)	CAS	Soil RSL	DPNR Soil	NPS Soil ESV	Soil PAL					
1-Methylnaphthalene	90-12-0	18	200	--	18	U / 0.003	U / 0.0032	U / 0.0029	U / 0.0029	U / 0.003
2-Methylnaphthalene	91-57-6	24	210	16	16	U / 0.0022	U / 0.0024	U / 0.0021	U / 0.0021	U / 0.0022
Acenaphthene	83-32-9	360	2400	0.25	0.25	0.021	U / 0.0034	U / 0.0031	U / 0.0031	U / 0.0032
Acenaphthylene	208-96-8	--	1800	120	120	U / 0.0046	U / 0.0048	U / 0.0043	U / 0.0043	U / 0.0045
Anthracene	120-12-7	1800	21000	6.8	6.8	0.024	U / 0.0029	U / 0.0026	U / 0.0026	U / 0.0027
Benz(a)anthracene	56-55-3	1.1	--	0.73	0.73	0.066	0.026	U / 0.0037	U / 0.0036	0.0066 J
Benz(a)pyrene	50-32-8	0.11	0.1	1.98	0.1	0.075	0.027	U / 0.01	U / 0.01	U / 0.01
Benz(b)fluoranthene	205-99-2	1.1	--	18	1.1	0.099	0.046	U / 0.007	U / 0.0069	0.0078 J
Benz(g,h,i)perylene	191-24-2	--	2500	25	25	0.042	0.016 J	U / 0.0076	U / 0.0076	U / 0.0079
Benz(k)fluoranthene	207-08-9	11	--	71	11	0.04	0.015 J	U / 0.0075	U / 0.0074	U / 0.0077
Chrysene	218-01-9	110	--	3.1	3.1	0.072	0.031	U / 0.0016	U / 0.0016	0.0081 J
Dibenz(a,h)anthracene	53-70-3	0.11	--	14	0.11	0.012 J	U / 0.0083	U / 0.0075	U / 0.0074	U / 0.0077
Fluoranthene (ldryl)	206-44-0	240	3200	10	10	0.17	0.054	U / 0.0048	U / 0.0048	0.012 J
Fluorene	86-73-7	240	2600	3.7	3.7	0.014 J	U / 0.0033	U / 0.003	U / 0.0029	U / 0.003
Indeno(1,2,3-cd)pyrene	193-39-5	1.1	--	71	1.1	0.036	0.014 J	U / 0.0079	U / 0.0079	U / 0.0082
Naphthalene	91-20-3	2	55	1	1	U / 0.0027	U / 0.0029	U / 0.0026	U / 0.0026	U / 0.0027
Phenanthrene	85-01-8	--	2200	5.5	5.5	0.13	0.017 J	U / 0.0024	U / 0.0024	0.0057 J
Pyrene	129-00-0	180	2400	10	10	0.11	0.046	U / 0.0023	U / 0.0023	0.011 J

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

Table B-5C
Summary of Pesticide Results in Subsurface Soil
Caneel Bay Site

Location ID:					SC-101	SC-102	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
Sample Date:					2021-02-22	2021-02-22	2021-02-17	2021-02-17	2021-02-19	2021-02-19	2021-02-19	2021-02-19	2021-02-19	2021-02-19	2021-02-19
Interval (ftbgs):					-	-	0.5 - 2.5'	5 - 6'	0 - 3'	3 - 6'	0 - 3'	3 - 6'	0 - 3'	3 - 6'	0 - 3'
Analyte (mg/kg)	CAS	Soil RSL	NPS Soil ESV	Soil PAL											
4,4-DDD	72-54-8	0.19	0.002	0.002	U / 0.0015	U / 0.0022	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-
4,4-DDE	72-55-9	2	0.002	0.002	U / 0.0016	0.013	0.0076	0.0031 J	U / 0.0015	0.0049 J	U / 0.0017	U / 0.0017	U / 0.0017	U / 0.0018	0.0096
4,4-DDT	50-29-3	1.9	0.002	0.002	U / 0.0012	U / 0.0017	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
Aldrin	309-00-2	0.039	0.0033	0.0033	U / 0.00079	U / 0.0011	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
alpha-BHC	319-84-6	0.086	0.07	0.07	U / 0.00094	U / 0.0013	U / 0.001	U / 0.00098	U / 0.00092	U / 0.001	U / 0.001	U / 0.0011	U / 0.001	U / 0.0011	U / 0.0013
alpha-Chlordane	5103-71-9	--	0.27	0.27	U / 0.0015	U / 0.0022	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
beta-BHC	319-85-7	0.3	0.004	0.004	U / 0.0018	U / 0.0025	U / 0.002	U / 0.0019	U / 0.0017	U / 0.002	U / 0.0019	U / 0.002	U / 0.002	U / 0.0021	U / 0.0024
Chlordane, Technical	12789-03-6	1.7	0.22	0.22	U / 0.012	U / 0.018	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
delta-BHC	319-86-8	--	0.07	0.07	U / 0.0017	U / 0.0025	U / 0.0019	U / 0.0018	U / 0.0017	U / 0.0019	U / 0.0019	U / 0.002	U / 0.0019	U / 0.002	U / 0.0024
Dieldrin	60-57-1	0.034	0.0045	0.0045	U / 0.0011	U / 0.0016	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
Endosulfan I	959-98-8	--	--	--	U / 0.0012	U / 0.0018	U / 0.0014	U / 0.0013	U / 0.0012	U / 0.0014	U / 0.0013	U / 0.0014	U / 0.0014	U / 0.0014	U / 0.0017
Endosulfan II	33213-65-9	--	0.56	0.56	U / 0.0015	U / 0.0022	U / 0.0017	U / 0.0016	U / 0.0015	0.0083 J-	U / 0.0016	U / 0.0017	U / 0.0017	U / 0.0018	U / 0.0021
Endosulfan Sulfate	1031-07-8	38	0.56	0.56	U / 0.0013	U / 0.0019	U / 0.0015	U / 0.0014	U / 0.0013	U / 0.0015	U / 0.0014	U / 0.0015	U / 0.0015	U / 0.0015	U / 0.0018
Endrin	72-20-8	1.9	0.0014	0.0014	U / 0.002	U / 0.0028	U / 0.0022	U / 0.002	U / 0.0019	U / 0.0022	U / 0.0021	U / 0.0022	U / 0.0022	U / 0.0023	U / 0.0027
Endrin Aldehyde	7421-93-4	--	--	--	U / 0.0013	U / 0.0019	U / 0.0015	U / 0.0014	U / 0.0013	U / 0.0015	U / 0.0014	U / 0.0015	U / 0.0015	U / 0.0016	U / 0.0019
Endrin ketone	53494-70-5	--	--	--	U / 0.00092	U / 0.0013	U / 0.001	U / 0.00096	U / 0.0009	U / 0.001	U / 0.00098	U / 0.001	U / 0.001	U / 0.0011	U / 0.0013
gamma-BHC (Lindane)	58-89-9	0.57	0.005	0.005	U / 0.0018	U / 0.0026	U / 0.002	U / 0.0019	U / 0.0018	U / 0.0021	U / 0.002	U / 0.0021	U / 0.002	U / 0.0021	U / 0.0025
Heptachlor	76-44-8	0.13	0.059	0.059	U / 0.0016	U / 0.0023	U / 0.0018	U / 0.0017	U / 0.0016	U / 0.0018	U / 0.0017	U / 0.0018	U / 0.0018	U / 0.0019	U / 0.0022
Heptachlor Epoxide	1024-57-3	0.07	--	0.07	U / 0.0015	U / 0.0021	U / 0.0016	U / 0.0015	U / 0.0015	U / 0.0017	U / 0.0016	U / 0.0017	U / 0.0016	U / 0.0017	U / 0.002
Methoxychlor	72-43-5	32	5.1	5.1	U / 0.0067	U / 0.0096	U / 0.0075	U / 0.0071	U / 0.0066	U / 0.0075	U / 0.0072	U / 0.0077	U / 0.0075	U / 0.0079	U / 0.0093
Toxaphene	8001-35-2	0.49	4.1	0.49	U / 0.026	U / 0.037	U / 0.028	U / 0.027	U / 0.025	U / 0.029	U / 0.028	U / 0.029	U / 0.028	U / 0.03	U / 0.035
trans-Chlordane	5103-74-2	--	2.2	2.2	U / 0.0013	U / 0.0018	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

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

Table B-5C
Summary of Pesticide Results in Subsurface Soil
Caneel Bay Site

Location ID:					SC-3-06	SC-3-07	SC-3-07	SC-3-08	SC-3-08	SC-3-09	SC-3-09	SC-3-10	SC-3-10	SC-3-11	SC-3-11
Sample Date:					2021-02-19	2021-02-19	2021-02-19	2021-02-21	2021-02-21	2021-02-21	2021-02-21	2021-02-22	2021-02-22	2021-02-21	2021-02-21
Interval (ftbgs):					3 - 6'	0 - 3'	3 - 6'	0 - 3'	3 - 6'	0 - 3'	3 - 6'	0 - 3'	3 - 6'	0 - 3'	3 - 6'
Analyte (mg/kg)	CAS	Soil RSL	NPS Soil ESV	Soil PAL											
4,4-DDD	72-54-8	0.19	0.002	0.002	U / 0.0018	U / 0.0017	U / 0.0016	0.015	U / 0.0019	U / 0.0017	U / 0.0016	U / 0.0015	U / 0.0018	U / 0.0017	U / 0.0017
4,4-DDE	72-55-9	2	0.002	0.002	0.0034 J	0.046	U / 0.0017	0.049	U / 0.002	0.017	0.0079	U / 0.0016	0.01	0.016 J+	0.0044 J
4,4-DDT	50-29-3	1.9	0.002	0.002	U / 0.0013	0.0037 J	U / 0.0013	0.1	U / 0.0015	0.0033 J	0.0052 J	U / 0.0012	U / 0.0014	0.0057 J+	U / 0.0013
Aldrin	309-00-2	0.039	0.0033	0.0033	U / 0.00091	U / 0.00086	U / 0.00085	U / 0.00085	U / 0.001	U / 0.00087	U / 0.00082	U / 0.0008	U / 0.00095	U / 0.00086	0.002 J
alpha-BHC	319-84-6	0.086	0.07	0.07	U / 0.0011	U / 0.001	U / 0.001	U / 0.001	U / 0.0012	U / 0.001	U / 0.00096	U / 0.00095	U / 0.0011	U / 0.001	U / 0.001
alpha-Chlordane	5103-71-9	--	0.27	0.27	U / 0.0018	U / 0.0017	U / 0.0017	U / 0.0017	U / 0.002	U / 0.0017	U / 0.0016	U / 0.0016	U / 0.0019	U / 0.0017	U / 0.0017
beta-BHC	319-85-7	0.3	0.004	0.004	U / 0.002	U / 0.0019	U / 0.0019	U / 0.0019	U / 0.0023	U / 0.0019	U / 0.0018	U / 0.0018	U / 0.0021	U / 0.0019	U / 0.002
Chlordane, Technical	12789-03-6	1.7	0.22	0.22	U / 0.014	U / 0.013	U / 0.013	U / 0.013	U / 0.016	U / 0.014	U / 0.013	U / 0.013	U / 0.015	U / 0.013	U / 0.014
delta-BHC	319-86-8	--	0.07	0.07	U / 0.002	U / 0.0019	U / 0.0019	U / 0.0019	U / 0.0022	U / 0.0019	U / 0.0018	U / 0.0018	U / 0.0021	U / 0.0019	U / 0.0019
Dieldrin	60-57-1	0.034	0.0045	0.0045	U / 0.0013	U / 0.0012	U / 0.0012	U / 0.0012	U / 0.0014	U / 0.0012	U / 0.0012	U / 0.0011	U / 0.0014	0.0033 J	U / 0.0013
Endosulfan I	959-98-8	--	--	--	U / 0.0014	U / 0.0013	U / 0.0013	U / 0.0013	U / 0.0016	U / 0.0014	U / 0.0013	U / 0.0013	U / 0.0015	U / 0.0013	U / 0.0014
Endosulfan II	33213-65-9	--	0.56	0.56	U / 0.0018	U / 0.0017	U / 0.0016	U / 0.0016	U / 0.0019	U / 0.0017	U / 0.0016	U / 0.0015	U / 0.0018	U / 0.0017	U / 0.0017
Endosulfan Sulfate	1031-07-8	38	0.56	0.56	U / 0.0015	U / 0.0014	U / 0.0014	U / 0.0014	U / 0.0017	U / 0.0014	U / 0.0014	U / 0.0013	U / 0.0016	U / 0.0014	U / 0.0015
Endrin	72-20-8	1.9	0.0014	0.0014	U / 0.0023	U / 0.0021	U / 0.0021	U / 0.0021	U / 0.0025	U / 0.0021	U / 0.002	U / 0.002	U / 0.0024	U / 0.0021	U / 0.0022
Endrin Aldehyde	7421-93-4	--	--	--	U / 0.0016	U / 0.0015	U / 0.0014	0.0032 J	U / 0.0017	U / 0.0015	U / 0.0014	U / 0.0014	U / 0.0016	U / 0.0015	U / 0.0015
Endrin ketone	53494-70-5	--	--	--	U / 0.0011	U / 0.001	U / 0.00098	U / 0.00099	U / 0.0012	U / 0.001	U / 0.00094	U / 0.00093	U / 0.0011	U / 0.00099	U / 0.001
gamma-BHC (Lindane)	58-89-9	0.57	0.005	0.005	U / 0.0021	U / 0.002	U / 0.002	U / 0.002	U / 0.0024	U / 0.002	U / 0.0019	U / 0.0019	U / 0.0022	U / 0.002	U / 0.0021
Heptachlor	76-44-8	0.13	0.059	0.059	U / 0.0019	U / 0.0018	U / 0.0017	U / 0.0018	U / 0.0021	U / 0.0018	U / 0.0017	U / 0.0017	U / 0.002	U / 0.0018	U / 0.0018
Heptachlor Epoxide	1024-57-3	0.07	--	0.07	U / 0.0017	U / 0.0016	U / 0.0016	U / 0.0016	U / 0.0019	U / 0.0016	U / 0.0015	U / 0.0015	U / 0.0018	U / 0.0016	U / 0.0017
Methoxychlor	72-43-5	32	5.1	5.1	U / 0.0078	U / 0.0073	U / 0.0073	U / 0.0073	U / 0.0086	U / 0.0074	U / 0.007	U / 0.0069	U / 0.0081	U / 0.0073	U / 0.0076
Toxaphene	8001-35-2	0.49	4.1	0.49	U / 0.03	U / 0.028	U / 0.028	U / 0.028	U / 0.033	U / 0.028	U / 0.026	U / 0.026	U / 0.031	U / 0.028	U / 0.029
trans-Chlordane	5103-74-2	--	2.2	2.2	U / 0.0015	U / 0.0014	U / 0.0014	0.0038 J	U / 0.0016	0.0014 J	U / 0.0013	U / 0.0013	U / 0.0015	U / 0.0014	U / 0.0014

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

Table B-5C
Summary of Pesticide Results in Subsurface Soil
Caneel Bay Site

					SC-REF-01	SC-REF-02	SC-REF-03
Sample Date:					2021-02-21	2021-02-21	2021-02-21
Interval (ftbgs):					0 - 0.5'	0 - 2.6'	0 - 3'
Analyte (mg/kg)	CAS	Soil RSL	NPS Soil ESV	Soil PAL			
4,4-DDD	72-54-8	0.19	0.002	0.002	U / 0.0015	U / 0.0016	U / 0.0016
4,4-DDE	72-55-9	2	0.002	0.002	U / 0.0016	U / 0.0016	0.004 J
4,4-DDT	50-29-3	1.9	0.002	0.002	U / 0.0012	U / 0.0012	U / 0.0012
Aldrin	309-00-2	0.039	0.0033	0.0033	U / 0.0008	U / 0.00082	U / 0.00082
alpha-BHC	319-84-6	0.086	0.07	0.07	U / 0.00095	U / 0.00097	U / 0.00096
alpha-Chlordane	5103-71-9	--	0.27	0.27	U / 0.0016	U / 0.0016	U / 0.0016
beta-BHC	319-85-7	0.3	0.004	0.004	U / 0.0018	U / 0.0019	U / 0.0018
Chlordane, Technical	12789-03-6	1.7	0.22	0.22	U / 0.013	U / 0.013	U / 0.013
delta-BHC	319-86-8	--	0.07	0.07	U / 0.0018	U / 0.0018	U / 0.0018
Dieldrin	60-57-1	0.034	0.0045	0.0045	U / 0.0011	U / 0.0012	U / 0.0012
Endosulfan I	959-98-8	--	--	--	U / 0.0013	U / 0.0013	U / 0.0013
Endosulfan II	33213-65-9	--	0.56	0.56	U / 0.0015	U / 0.0016	U / 0.0016
Endosulfan Sulfate	1031-07-8	38	0.56	0.56	U / 0.0013	U / 0.0014	U / 0.0014
Endrin	72-20-8	1.9	0.0014	0.0014	U / 0.002	U / 0.002	U / 0.002
Endrin Aldehyde	7421-93-4	--	--	--	U / 0.0014	U / 0.0014	U / 0.0014
Endrin ketone	53494-70-5	--	--	--	U / 0.00093	U / 0.00095	U / 0.00094
gamma-BHC (Lindane)	58-89-9	0.57	0.005	0.005	U / 0.0019	U / 0.0019	U / 0.0019
Heptachlor	76-44-8	0.13	0.059	0.059	U / 0.0016	U / 0.0017	U / 0.0017
Heptachlor Epoxide	1024-57-3	0.07	--	0.07	U / 0.0015	U / 0.0015	U / 0.0015
Methoxychlor	72-43-5	32	5.1	5.1	U / 0.0068	U / 0.007	U / 0.007
Toxaphene	8001-35-2	0.49	4.1	0.49	U / 0.026	U / 0.027	U / 0.027
trans-Chlordane	5103-74-2	--	2.2	2.2	U / 0.0013	U / 0.0013	U / 0.0013

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

Table B-5D
Summary of PCB Results in Subsurface Soil
Caneel Bay Site

Location ID:					SC-101	SC-102	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
Sample Date:					2/22/2021	2/22/2021	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
Interval (ftbgs):					-	-	0.5 - 2.5'	5 - 6'	0 - 3'	3 - 6'	0 - 3'	3 - 6'	0 - 3'	3 - 6'	0 - 3'
Analyte (mg/kg)	CAS	Soil RSL	NPS Soil ESV	Soil PAL											
Aroclor 1016	12674-11-2	0.41	1.1	0.41	U / 0.023	U / 0.032	U / 0.025	U / 0.024	U / 0.022	U / 0.025	U / 0.024	U / 0.026	U / 0.025	U / 0.026	U / 0.031
Aroclor 1221	11104-28-2	0.2	--	0.2	U / 0.025	U / 0.035	U / 0.027	U / 0.026	U / 0.024	U / 0.028	U / 0.026	U / 0.028	U / 0.027	U / 0.029	U / 0.034
Aroclor 1232	11141-16-5	0.17	--	0.17	U / 0.024	U / 0.034	U / 0.026	U / 0.025	U / 0.023	U / 0.026	U / 0.025	U / 0.027	U / 0.026	U / 0.028	U / 0.033
Aroclor 1242	53469-21-9	0.23	0.041	0.041	U / 0.02	U / 0.028	U / 0.022	U / 0.02	U / 0.019	U / 0.022	U / 0.021	U / 0.022	U / 0.022	U / 0.023	U / 0.027
Aroclor 1248	12672-29-6	0.23	0.0073	0.0073	U / 0.025	U / 0.035	U / 0.027	U / 0.026	U / 0.024	U / 0.028	U / 0.026	U / 0.028	U / 0.027	U / 0.029	U / 0.034
Aroclor 1254	11097-69-1	0.12	0.041	0.041	U / 0.024	U / 0.034	U / 0.026	U / 0.025	U / 0.023	U / 0.026	U / 0.025	U / 0.027	U / 0.026	U / 0.028	U / 0.033
Aroclor 1260	11096-82-5	0.24	0.88	0.24	U / 0.023	U / 0.032	U / 0.025	U / 0.024	U / 0.022	U / 0.025	U / 0.024	U / 0.026	U / 0.025	U / 0.026	U / 0.031

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

Table B-5D
Summary of PCB Results in Subsurface Soil
Caneel Bay Site

Location ID:					SC-3-06	SC-3-07	SC-3-07	SC-3-08	SC-3-08	SC-3-09	SC-3-09	SC-3-10	SC-3-10	SC-3-11	SC-3-11
Sample Date:					2/19/2021	2/19/2021	2/19/2021	2/21/2021	2/21/2021	2/21/2021	2/21/2021	2/22/2021	2/22/2021	2/21/2021	2/21/2021
Interval (ftbgs):					3 - 6'	0 - 3'	3 - 6'	0 - 3'	3 - 6'	0 - 3'	3 - 6'	0 - 3'	3 - 6'	0 - 3'	3 - 6'
Analyte (mg/kg)	CAS	Soil RSL	NPS Soil ESV	Soil PAL											
Aroclor 1016	12674-11-2	0.41	1.1	0.41	U / 0.026	U / 0.025	U / 0.024	U / 0.024	U / 0.029	U / 0.025	U / 0.023	U / 0.023	U / 0.027	U / 0.025	U / 0.025
Aroclor 1221	11104-28-2	0.2	--	0.2	U / 0.028	U / 0.027	U / 0.027	U / 0.027	U / 0.032	U / 0.027	U / 0.025	U / 0.025	U / 0.03	U / 0.027	U / 0.028
Aroclor 1232	11141-16-5	0.17	--	0.17	U / 0.027	U / 0.026	U / 0.025	U / 0.026	U / 0.03	U / 0.026	U / 0.024	U / 0.024	U / 0.028	U / 0.026	U / 0.027
Aroclor 1242	53469-21-9	0.23	0.041	0.041	U / 0.023	U / 0.021	U / 0.021	U / 0.021	U / 0.025	U / 0.021	U / 0.02	U / 0.02	U / 0.024	U / 0.021	U / 0.022
Aroclor 1248	12672-29-6	0.23	0.0073	0.0073	U / 0.028	U / 0.027	U / 0.027	U / 0.027	U / 0.032	U / 0.027	U / 0.025	U / 0.025	U / 0.03	U / 0.027	U / 0.028
Aroclor 1254	11097-69-1	0.12	0.041	0.041	U / 0.027	U / 0.026	U / 0.025	U / 0.026	U / 0.03	U / 0.026	U / 0.024	U / 0.024	U / 0.028	U / 0.026	U / 0.027
Aroclor 1260	11096-82-5	0.24	0.88	0.24	U / 0.026	U / 0.025	U / 0.024	0.11	U / 0.029	U / 0.025	U / 0.023	U / 0.023	U / 0.027	U / 0.025	U / 0.025

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

Table B-5D
Summary of PCB Results in Subsurface Soil
Caneel Bay Site

Location ID:					SC-REF-01	SC-REF-02	SC-REF-03
Sample Date:					2/21/2021	2/21/2021	2/21/2021
Interval (ftbgs):					0 - 0.5'	0 - 2.6'	0 - 3'
Analyte (mg/kg)	CAS	Soil RSL	NPS Soil ESV	Soil PAL			
Aroclor 1016	12674-11-2	0.41	1.1	0.41	U / 0.023	U / 0.024	U / 0.023
Aroclor 1221	11104-28-2	0.2	--	0.2	U / 0.025	U / 0.026	U / 0.025
Aroclor 1232	11141-16-5	0.17	--	0.17	U / 0.024	U / 0.025	U / 0.024
Aroclor 1242	53469-21-9	0.23	0.041	0.041	U / 0.02	U / 0.02	U / 0.02
Aroclor 1248	12672-29-6	0.23	0.0073	0.0073	U / 0.025	U / 0.026	U / 0.025
Aroclor 1254	11097-69-1	0.12	0.041	0.041	U / 0.024	U / 0.025	U / 0.024
Aroclor 1260	11096-82-5	0.24	0.88	0.24	U / 0.023	U / 0.024	U / 0.023

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

Table B-5E

**Summary of VOC Results in Subsurface Soil
Caneel Bay Site**

Location ID:						SC-101	SC-102	SC-3-01	SC-3-01
Sample Date:						2/22/2021	2/22/2021	2/17/2021	2/17/2021
Interval (ftbgs):						-	-	0.5 - 2.5'	5 - 6'
Analyte (mg/kg)	CAS	Soil RSL	DPNR Soil	NPS Soil ESV	Soil PAL				
1,1,1-Trichloroethane	71-55-6	810	--	260	260	UJ / 0.0016	UJ / 0.0011	R	R
1,1,2,2-Tetrachloroethane	79-34-5	0.6	--	--	0.6	UJ / 0.0028	UJ / 0.0019	R	R
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	670	--	--	--	UJ / 0.0025	UJ / 0.0017	R	R
1,1,2-Trichloroethane	79-00-5	0.15	--	--	0.15	UJ / 0.0022	UJ / 0.0015	R	R
1,1-Dichloroethane	75-34-3	3.6	--	210	3.6	UJ / 0.0013	UJ / 0.00092	R	R
1,1-Dichloroethene	75-35-4	23	--	11	11	UJ / 0.0018	UJ / 0.0012	R	R
1,2,4-Trichlorobenzene	120-82-1	5.8	--	0.27	0.27	UJ / 0.0011	UJ / 0.00076	R	R
1,2-Dibromo-3-chloropropane	96-12-8	0.0053	--	--	0	UJ / 0.007	UJ / 0.0048	R	R
1,2-Dibromoethane	106-93-4	0.036	--	--	0.036	UJ / 0.0015	UJ / 0.001	R	R
1,2-Dichlorobenzene	95-50-1	180	--	0.92	0.92	UJ / 0.0022	UJ / 0.0015	R	R
1,2-Dichloroethane	107-06-2	0.46	0.5	0.85	0.46	UJ / 0.0015	UJ / 0.001	R	R
1,2-Dichloropropane	78-87-5	1.6	--	700	1.6	UJ / 0.0017	UJ / 0.0011	R	R
1,3-Dichlorobenzene	541-73-1	--	--	0.74	0.74	UJ / 0.0016	UJ / 0.0011	R	R
1,4-Dichlorobenzene	106-46-7	2.6	--	0.89	0.89	UJ / 0.0017	UJ / 0.0012	R	R
2-Hexanone	591-78-6	20	--	0.36	0.36	UJ / 0.0079	UJ / 0.0054	R	R
4-Methyl-2-Pentanone	108-10-1	3300	--	9.7	9.7	UJ / 0.0072	UJ / 0.0049	R	R
Acetone	67-64-1	6100	--	1.2	1.2	UJ / 0.041	0.14 J	R	R
Benzene	71-43-2	1.2	1.2	24	1.2	UJ / 0.0014	UJ / 0.00093	R	R
Bromodichloromethane	75-27-4	0.29	--	--	0.29	UJ / 0.0013	UJ / 0.0009	R	R
Bromoform	75-25-2	19	--	--	19	UJ / 0.0047	UJ / 0.0032	R	R
Bromomethane	74-83-9	0.68	--	--	0.68	UJ / 0.0019	UJ / 0.0013	R	R
Carbon disulfide	75-15-0	77	--	0.81	0.81	UJ / 0.0023	UJ / 0.0015	R	R
Carbon Tetrachloride	56-23-5	0.65	--	58.6	0.65	UJ / 0.0063	UJ / 0.0043	R	R
Chlorobenzene	108-90-7	28	--	2.4	2.4	UJ / 0.0018	UJ / 0.0012	R	R
Chloroethane	75-00-3	1400	--	--	1400	UJ / 0.0024	UJ / 0.0016	R	R
Chloroform	67-66-3	0.32	--	8	0.32	UJ / 0.0015	UJ / 0.001	R	R
Chloromethane	74-87-3	11	--	--	11	UJ / 0.002	UJ / 0.0014	R	R
cis-1,2-Dichloroethene	156-59-2	16	--	89.6	16	UJ / 0.0013	UJ / 0.00087	R	R
cis-1,3-Dichloropropene	10061-01-5	--	--	--	--	UJ / 0.0028	UJ / 0.0019	R	R
Cyclohexane	110-82-7	650	--	--	650	UJ / 0.0027	UJ / 0.0018	R	R
Dibromochloromethane	124-48-1	8.3	--	--	8.3	UJ / 0.0054	UJ / 0.0037	R	R
Dichlorodifluoromethane	75-71-8	8.7	--	--	8.7	UJ / 0.0018	UJ / 0.0013	R	R
Ethylbenzene	100-41-4	5.8	1500	--	5.8	UJ / 0.002	UJ / 0.0014	R	R
Isopropylbenzene	98-82-8	190	--	--	190	UJ / 0.0016	UJ / 0.0011	R	R
Methyl Acetate	79-20-9	7800	--	--	7800	UJ / 0.0066	UJ / 0.0045	R	R
Methyl ethyl ketone	78-93-3	2700	--	350	350	UJ / 0.0069	0.024 J	R	R
Methyl Tert-Butyl Ether	1634-04-4	47	4400	--	47	UJ / 0.0016	UJ / 0.0011	R	R
Methylcyclohexane	108-87-2	--	--	--	--	UJ / 0.0024	UJ / 0.0016	R	R
Methylene chloride	75-09-2	35	--	2.6	2.6	UJ / 0.0023	UJ / 0.0016	R	R
n-Hexane	110-54-3	61	--	--	61	UJ / 0.0029	UJ / 0.002	R	R
Styrene	100-42-5	600	--	1.2	1.2	UJ / 0.0022	UJ / 0.0015	R	R
Tetrachloroethene	127-18-4	8.1	--	0.18	0.18	UJ / 0.0014	UJ / 0.00097	R	R
Tetrahydrofuran	109-99-9	1800	--	--	1800	UJ / 0.005	UJ / 0.0034	R	R
Toluene	108-88-3	490	--	23	23	UJ / 0.0015	UJ / 0.001	R	R
trans-1,2-Dichloroethene	156-60-5	7	--	89.6	7	UJ / 0.0009	UJ / 0.00062	R	R
trans-1,3-Dichloropropene	10061-02-6	--	--	--	--	UJ / 0.002	UJ / 0.0014	R	R
Trichloroethene	79-01-6	0.41	--	1.387	0.41	UJ / 0.0012	UJ / 0.00084	R	R
Trichlorofluoromethane	75-69-4	2300	--	52	52	UJ / 0.0021	UJ / 0.0014	R	R
Vinyl chloride	75-01-4	0.059	--	0.12	0.059	UJ / 0.0016	UJ / 0.0011	R	R
Xylenes, Total	1330-20-7	58	130	1.4	1.4	UJ / 0.0031	UJ / 0.0021	R	R

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

Table B-5E
Summary of VOC Results in Subsurface Soil
Caneel Bay Site

Location ID:						SC-3-02	SC-3-03	SC-3-03	SC-3-04
Sample Date:						2/19/2021	2/19/2021	2/19/2021	2/19/2021
Interval (ftbgs):						3 - 6'	0 - 3'	3 - 6'	0 - 3'
Analyte (mg/kg)	CAS	Soil RSL	DPNR Soil	NPS Soil ESV	Soil PAL				
1,1,1-Trichloroethane	71-55-6	810	--	260	260	R	UJ / 0.0011	UJ / 0.001	UJ / 0.001
1,1,2,2-Tetrachloroethane	79-34-5	0.6	--	--	0.6	R	UJ / 0.002	UJ / 0.0017	UJ / 0.0018
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	670	--	--	--	R	UJ / 0.0018	UJ / 0.0016	UJ / 0.0016
1,1,2-Trichloroethane	79-00-5	0.15	--	--	0.15	R	UJ / 0.0016	UJ / 0.0014	UJ / 0.0014
1,1-Dichloroethane	75-34-3	3.6	--	210	3.6	R	UJ / 0.00097	UJ / 0.00084	UJ / 0.00088
1,1-Dichloroethene	75-35-4	23	--	11	11	R	UJ / 0.0013	UJ / 0.0011	UJ / 0.0011
1,2,4-Trichlorobenzene	120-82-1	5.8	--	0.27	0.27	R	UJ / 0.0008	UJ / 0.0007	UJ / 0.00072
1,2-Dibromo-3-chloropropane	96-12-8	0.0053	--	--	0	R	UJ / 0.005	UJ / 0.0044	UJ / 0.0046
1,2-Dibromoethane	106-93-4	0.036	--	--	0.036	R	UJ / 0.0011	UJ / 0.00094	UJ / 0.00098
1,2-Dichlorobenzene	95-50-1	180	--	0.92	0.92	R	UJ / 0.0015	UJ / 0.0014	UJ / 0.0014
1,2-Dichloroethane	107-06-2	0.46	0.5	0.85	0.46	R	UJ / 0.0011	UJ / 0.00094	UJ / 0.00098
1,2-Dichloropropane	78-87-5	1.6	--	700	1.6	R	UJ / 0.0012	UJ / 0.001	UJ / 0.0011
1,3-Dichlorobenzene	541-73-1	--	--	0.74	0.74	R	UJ / 0.0011	UJ / 0.00099	UJ / 0.001
1,4-Dichlorobenzene	106-46-7	2.6	--	0.89	0.89	R	UJ / 0.0012	UJ / 0.0011	UJ / 0.0011
2-Hexanone	591-78-6	20	--	0.36	0.36	R	UJ / 0.0057	UJ / 0.005	UJ / 0.0052
4-Methyl-2-Pentanone	108-10-1	3300	--	9.7	9.7	R	UJ / 0.0052	UJ / 0.0045	UJ / 0.0047
Acetone	67-64-1	6100	--	1.2	1.2	0.12 J-	UJ / 0.029	0.063 J-	UJ / 0.027
Benzene	71-43-2	1.2	1.2	24	1.2	R	UJ / 0.00097	UJ / 0.00085	UJ / 0.00088
Bromodichloromethane	75-27-4	0.29	--	--	0.29	R	UJ / 0.00095	UJ / 0.00083	UJ / 0.00086
Bromoform	75-25-2	19	--	--	19	R	UJ / 0.0033	UJ / 0.0029	UJ / 0.003
Bromomethane	74-83-9	0.68	--	--	0.68	R	UJ / 0.0014	UJ / 0.0012	UJ / 0.0013
Carbon disulfide	75-15-0	77	--	0.81	0.81	0.0014 J	UJ / 0.0016	UJ / 0.0014	UJ / 0.0015
Carbon Tetrachloride	56-23-5	0.65	--	58.6	0.65	R	UJ / 0.0045	UJ / 0.004	UJ / 0.0041
Chlorobenzene	108-90-7	28	--	2.4	2.4	R	UJ / 0.0013	UJ / 0.0011	UJ / 0.0012
Chloroethane	75-00-3	1400	--	--	1400	R	UJ / 0.0017	UJ / 0.0015	UJ / 0.0015
Chloroform	67-66-3	0.32	--	8	0.32	R	UJ / 0.0011	UJ / 0.00096	UJ / 0.001
Chloromethane	74-87-3	11	--	--	11	R	UJ / 0.0015	UJ / 0.0013	UJ / 0.0013
cis-1,2-Dichloroethene	156-59-2	16	--	89.6	16	R	UJ / 0.00091	UJ / 0.00079	UJ / 0.00082
cis-1,3-Dichloropropene	10061-01-5	--	--	--	--	R	UJ / 0.002	UJ / 0.0017	UJ / 0.0018
Cyclohexane	110-82-7	650	--	--	650	R	UJ / 0.0019	UJ / 0.0017	UJ / 0.0017
Dibromochloromethane	124-48-1	8.3	--	--	8.3	R	UJ / 0.0039	UJ / 0.0034	UJ / 0.0035
Dichlorodifluoromethane	75-71-8	8.7	--	--	8.7	R	UJ / 0.0013	UJ / 0.0011	UJ / 0.0012
Ethylbenzene	100-41-4	5.8	1500	--	5.8	R	UJ / 0.0015	UJ / 0.0013	UJ / 0.0013
Isopropylbenzene	98-82-8	190	--	--	190	R	UJ / 0.0012	UJ / 0.001	UJ / 0.0011
Methyl Acetate	79-20-9	7800	--	--	7800	R	UJ / 0.0047	UJ / 0.0041	UJ / 0.0043
Methyl ethyl ketone	78-93-3	2700	--	350	350	0.02 J-	UJ / 0.005	0.01 J	UJ / 0.0045
Methyl Tert-Butyl Ether	1634-04-4	47	4400	--	47	R	UJ / 0.0011	UJ / 0.001	UJ / 0.001
Methylcyclohexane	108-87-2	--	--	--	--	R	UJ / 0.0017	UJ / 0.0015	UJ / 0.0016
Methylene chloride	75-09-2	35	--	2.6	2.6	R	UJ / 0.017	UJ / 0.015	UJ / 0.015
n-Hexane	110-54-3	61	--	--	61	R	UJ / 0.002	UJ / 0.0018	UJ / 0.0019
Styrene	100-42-5	600	--	1.2	1.2	R	UJ / 0.0016	UJ / 0.0014	UJ / 0.0015
Tetrachloroethene	127-18-4	8.1	--	0.18	0.18	R	UJ / 0.001	UJ / 0.00089	UJ / 0.00093
Tetrahydrofuran	109-99-9	1800	--	--	1800	R	UJ / 0.0036	UJ / 0.0031	UJ / 0.0033
Toluene	108-88-3	490	--	23	23	R	UJ / 0.0011	UJ / 0.00094	UJ / 0.00098
trans-1,2-Dichloroethene	156-60-5	7	--	89.6	7	R	UJ / 0.00065	UJ / 0.00057	UJ / 0.00059
trans-1,3-Dichloropropene	10061-02-6	--	--	--	--	R	UJ / 0.0014	UJ / 0.0013	UJ / 0.0013
Trichloroethene	79-01-6	0.41	--	1.387	0.41	R	UJ / 0.00088	UJ / 0.00077	UJ / 0.0008
Trichlorofluoromethane	75-69-4	2300	--	52	52	R	UJ / 0.0015	UJ / 0.0013	UJ / 0.0014
Vinyl chloride	75-01-4	0.059	--	0.12	0.059	R	UJ / 0.0012	UJ / 0.001	UJ / 0.0011
Xylenes, Total	1330-20-7	58	130	1.4	1.4	R	UJ / 0.0022	UJ / 0.0019	UJ / 0.002

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

Table B-5E
Summary of VOC Results in Subsurface Soil
Caneel Bay Site

Location ID:						SC-3-04	SC-3-06	SC-3-06	SC-3-07
Sample Date:						2/19/2021	2/19/2021	2/19/2021	2/19/2021
Interval (ftbgs):						3 - 6'	0 - 3'	3 - 6'	0 - 3'
Analyte (mg/kg)	CAS	Soil RSL	DPNR Soil	NPS Soil ESV	Soil PAL				
1,1,1-Trichloroethane	71-55-6	810	--	260	260	UJ / 0.0014	UJ / 0.0012	UJ / 0.00081	UJ / 0.00097
1,1,2,2-Tetrachloroethane	79-34-5	0.6	--	--	0.6	UJ / 0.0024	UJ / 0.0021	UJ / 0.0014	UJ / 0.0017
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	670	--	--	--	UJ / 0.0021	UJ / 0.0018	UJ / 0.0013	UJ / 0.0015
1,1,2-Trichloroethane	79-00-5	0.15	--	--	0.15	UJ / 0.0019	UJ / 0.0016	UJ / 0.0011	UJ / 0.0013
1,1-Dichloroethane	75-34-3	3.6	--	210	3.6	UJ / 0.0011	UJ / 0.00099	UJ / 0.00068	UJ / 0.00082
1,1-Dichloroethene	75-35-4	23	--	11	11	UJ / 0.0015	UJ / 0.0013	UJ / 0.00089	UJ / 0.0011
1,2,4-Trichlorobenzene	120-82-1	5.8	--	0.27	0.27	UJ / 0.00095	UJ / 0.00082	UJ / 0.00056	UJ / 0.00068
1,2-Dibromo-3-chloropropane	96-12-8	0.0053	--	--	0	UJ / 0.006	UJ / 0.0052	UJ / 0.0036	UJ / 0.0043
1,2-Dibromoethane	106-93-4	0.036	--	--	0.036	UJ / 0.0013	UJ / 0.0011	UJ / 0.00076	UJ / 0.00091
1,2-Dichlorobenzene	95-50-1	180	--	0.92	0.92	UJ / 0.0018	UJ / 0.0016	UJ / 0.0011	UJ / 0.0013
1,2-Dichloroethane	107-06-2	0.46	0.5	0.85	0.46	UJ / 0.0013	UJ / 0.0011	UJ / 0.00076	UJ / 0.00092
1,2-Dichloropropane	78-87-5	1.6	--	700	1.6	UJ / 0.0014	UJ / 0.0012	UJ / 0.00084	UJ / 0.001
1,3-Dichlorobenzene	541-73-1	--	--	0.74	0.74	UJ / 0.0014	UJ / 0.0012	UJ / 0.0008	UJ / 0.00097
1,4-Dichlorobenzene	106-46-7	2.6	--	0.89	0.89	UJ / 0.0015	UJ / 0.0013	UJ / 0.00087	UJ / 0.001
2-Hexanone	591-78-6	20	--	0.36	0.36	UJ / 0.0068	UJ / 0.0059	UJ / 0.004	UJ / 0.0048
4-Methyl-2-Pentanone	108-10-1	3300	--	9.7	9.7	UJ / 0.0062	UJ / 0.0053	UJ / 0.0037	UJ / 0.0044
Acetone	67-64-1	6100	--	1.2	1.2	0.16 J-	0.035 J-	0.073 J-	UJ / 0.025
Benzene	71-43-2	1.2	1.2	24	1.2	UJ / 0.0012	UJ / 0.001	UJ / 0.00069	UJ / 0.00083
Bromodichloromethane	75-27-4	0.29	--	--	0.29	UJ / 0.0011	UJ / 0.00097	UJ / 0.00067	UJ / 0.00081
Bromoform	75-25-2	19	--	--	19	UJ / 0.004	UJ / 0.0034	UJ / 0.0024	UJ / 0.0028
Bromomethane	74-83-9	0.68	--	--	0.68	UJ / 0.0016	UJ / 0.0014	UJ / 0.00097	UJ / 0.0012
Carbon disulfide	75-15-0	77	--	0.81	0.81	0.0019 J	UJ / 0.0017	UJ / 0.0011	UJ / 0.0014
Carbon Tetrachloride	56-23-5	0.65	--	58.6	0.65	UJ / 0.0054	UJ / 0.0047	UJ / 0.0032	UJ / 0.0039
Chlorobenzene	108-90-7	28	--	2.4	2.4	UJ / 0.0015	UJ / 0.0013	UJ / 0.0009	UJ / 0.0011
Chloroethane	75-00-3	1400	--	--	1400	UJ / 0.002	UJ / 0.0017	UJ / 0.0012	UJ / 0.0014
Chloroform	67-66-3	0.32	--	8	0.32	UJ / 0.0013	UJ / 0.0011	UJ / 0.00078	UJ / 0.00093
Chloromethane	74-87-3	11	--	--	11	UJ / 0.0017	UJ / 0.0015	UJ / 0.001	UJ / 0.0012
cis-1,2-Dichloroethene	156-59-2	16	--	89.6	16	UJ / 0.0011	UJ / 0.00093	UJ / 0.00064	UJ / 0.00077
cis-1,3-Dichloropropene	10061-01-5	--	--	--	--	UJ / 0.0024	UJ / 0.0021	UJ / 0.0014	UJ / 0.0017
Cyclohexane	110-82-7	650	--	--	650	UJ / 0.0023	UJ / 0.002	UJ / 0.0014	UJ / 0.0016
Dibromochloromethane	124-48-1	8.3	--	--	8.3	UJ / 0.0046	UJ / 0.004	UJ / 0.0027	UJ / 0.0033
Dichlorodifluoromethane	75-71-8	8.7	--	--	8.7	UJ / 0.0016	UJ / 0.0014	UJ / 0.00093	UJ / 0.0011
Ethylbenzene	100-41-4	5.8	1500	--	5.8	UJ / 0.0017	UJ / 0.0015	UJ / 0.001	UJ / 0.0012
Isopropylbenzene	98-82-8	190	--	--	190	UJ / 0.0014	UJ / 0.0012	UJ / 0.00082	UJ / 0.00099
Methyl Acetate	79-20-9	7800	--	--	7800	UJ / 0.0056	UJ / 0.0049	UJ / 0.0033	UJ / 0.004
Methyl ethyl ketone	78-93-3	2700	--	350	350	0.031 J	0.0095 J	0.0097 J	UJ / 0.0042
Methyl Tert-Butyl Ether	1634-04-4	47	4400	--	47	UJ / 0.0014	UJ / 0.0012	UJ / 0.00081	UJ / 0.00097
Methylcyclohexane	108-87-2	--	--	--	--	UJ / 0.002	UJ / 0.0018	UJ / 0.0012	UJ / 0.0015
Methylene chloride	75-09-2	35	--	2.6	2.6	UJ / 0.02	UJ / 0.017	UJ / 0.012	UJ / 0.014
n-Hexane	110-54-3	61	--	--	61	UJ / 0.0024	UJ / 0.0021	UJ / 0.0014	UJ / 0.0017
Styrene	100-42-5	600	--	1.2	1.2	UJ / 0.0019	UJ / 0.0017	UJ / 0.0011	UJ / 0.0014
Tetrachloroethene	127-18-4	8.1	--	0.18	0.18	UJ / 0.0012	UJ / 0.001	UJ / 0.00072	UJ / 0.00087
Tetrahydrofuran	109-99-9	1800	--	--	1800	UJ / 0.0043	UJ / 0.0037	UJ / 0.0026	UJ / 0.0031
Toluene	108-88-3	490	--	23	23	UJ / 0.0013	UJ / 0.0011	UJ / 0.00076	UJ / 0.00092
trans-1,2-Dichloroethene	156-60-5	7	--	89.6	7	UJ / 0.00077	UJ / 0.00067	UJ / 0.00046	UJ / 0.00055
trans-1,3-Dichloropropene	10061-02-6	--	--	--	--	UJ / 0.0017	UJ / 0.0015	UJ / 0.001	UJ / 0.0012
Trichloroethene	79-01-6	0.41	--	1.387	0.41	UJ / 0.0011	UJ / 0.00091	UJ / 0.00062	UJ / 0.00075
Trichlorofluoromethane	75-69-4	2300	--	52	52	UJ / 0.0018	UJ / 0.0015	UJ / 0.0011	UJ / 0.0013
Vinyl chloride	75-01-4	0.059	--	0.12	0.059	UJ / 0.0014	UJ / 0.0012	UJ / 0.00082	UJ / 0.00099
Xylenes, Total	1330-20-7	58	130	1.4	1.4	UJ / 0.0026	UJ / 0.0023	UJ / 0.0016	UJ / 0.0019

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

Table B-5E
Summary of VOC Results in Subsurface Soil
Caneel Bay Site

Location ID:						SC-3-07	SC-3-08	SC-3-08	SC-3-09
Sample Date:						2/19/2021	2/21/2021	2/21/2021	2/21/2021
Interval (ftbgs):						3 - 6'	0 - 3'	3 - 6'	0 - 3'
Analyte (mg/kg)	CAS	Soil RSL	DPNR Soil	NPS Soil ESV	Soil PAL				
1,1,1-Trichloroethane	71-55-6	810	--	260	260	UJ / 0.00091	UJ / 0.0015	UJ / 0.00099	UJ / 0.0011
1,1,2,2-Tetrachloroethane	79-34-5	0.6	--	--	0.6	UJ / 0.0016	UJ / 0.0027	UJ / 0.0017	UJ / 0.0019
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	670	--	--	--	UJ / 0.0014	UJ / 0.0024	UJ / 0.0015	UJ / 0.0017
1,1,2-Trichloroethane	79-00-5	0.15	--	--	0.15	UJ / 0.0013	UJ / 0.0021	UJ / 0.0014	UJ / 0.0015
1,1-Dichloroethane	75-34-3	3.6	--	210	3.6	UJ / 0.00077	UJ / 0.0013	UJ / 0.00083	UJ / 0.0009
1,1-Dichloroethene	75-35-4	23	--	11	11	UJ / 0.001	UJ / 0.0017	UJ / 0.0011	UJ / 0.0012
1,2,4-Trichlorobenzene	120-82-1	5.8	--	0.27	0.27	UJ / 0.00063	UJ / 0.0011	UJ / 0.00069	UJ / 0.00074
1,2-Dibromo-3-chloropropane	96-12-8	0.0053	--	--	0	UJ / 0.004	UJ / 0.0067	UJ / 0.0043	UJ / 0.0047
1,2-Dibromoethane	106-93-4	0.036	--	--	0.036	UJ / 0.00085	UJ / 0.0014	UJ / 0.00093	UJ / 0.001
1,2-Dichlorobenzene	95-50-1	180	--	0.92	0.92	UJ / 0.0012	UJ / 0.0021	UJ / 0.0013	UJ / 0.0014
1,2-Dichloroethane	107-06-2	0.46	0.5	0.85	0.46	UJ / 0.00085	UJ / 0.0014	UJ / 0.00093	UJ / 0.001
1,2-Dichloropropane	78-87-5	1.6	--	700	1.6	UJ / 0.00094	UJ / 0.0016	UJ / 0.001	UJ / 0.0011
1,3-Dichlorobenzene	541-73-1	--	--	0.74	0.74	UJ / 0.0009	UJ / 0.0015	UJ / 0.00098	UJ / 0.0011
1,4-Dichlorobenzene	106-46-7	2.6	--	0.89	0.89	UJ / 0.00097	UJ / 0.0017	UJ / 0.0011	UJ / 0.0011
2-Hexanone	591-78-6	20	--	0.36	0.36	UJ / 0.0045	UJ / 0.0076	UJ / 0.0049	UJ / 0.0053
4-Methyl-2-Pentanone	108-10-1	3300	--	9.7	9.7	UJ / 0.0041	UJ / 0.0069	UJ / 0.0045	UJ / 0.0048
Acetone	67-64-1	6100	--	1.2	1.2	UJ / 0.023	UJ / 0.039	UJ / 0.025	UJ / 0.027
Benzene	71-43-2	1.2	1.2	24	1.2	UJ / 0.00077	UJ / 0.0013	UJ / 0.00084	UJ / 0.00091
Bromodichloromethane	75-27-4	0.29	--	--	0.29	UJ / 0.00075	UJ / 0.0013	UJ / 0.00082	UJ / 0.00088
Bromoform	75-25-2	19	--	--	19	UJ / 0.0027	UJ / 0.0045	UJ / 0.0029	UJ / 0.0031
Bromomethane	74-83-9	0.68	--	--	0.68	UJ / 0.0011	UJ / 0.0018	UJ / 0.0012	UJ / 0.0013
Carbon disulfide	75-15-0	77	--	0.81	0.81	UJ / 0.0013	UJ / 0.0022	UJ / 0.0014	UJ / 0.0015
Carbon Tetrachloride	56-23-5	0.65	--	58.6	0.65	UJ / 0.0036	UJ / 0.0061	UJ / 0.0039	UJ / 0.0042
Chlorobenzene	108-90-7	28	--	2.4	2.4	UJ / 0.001	UJ / 0.0017	UJ / 0.0011	UJ / 0.0012
Chloroethane	75-00-3	1400	--	--	1400	UJ / 0.0013	UJ / 0.0023	UJ / 0.0015	UJ / 0.0016
Chloroform	67-66-3	0.32	--	8	0.32	UJ / 0.00087	UJ / 0.0015	UJ / 0.00095	UJ / 0.001
Chloromethane	74-87-3	11	--	--	11	UJ / 0.0012	UJ / 0.0019	UJ / 0.0013	UJ / 0.0014
cis-1,2-Dichloroethene	156-59-2	16	--	89.6	16	UJ / 0.00072	UJ / 0.0012	UJ / 0.00078	UJ / 0.00085
cis-1,3-Dichloropropene	10061-01-5	--	--	--	--	UJ / 0.0016	UJ / 0.0027	UJ / 0.0017	UJ / 0.0019
Cyclohexane	110-82-7	650	--	--	650	UJ / 0.0015	UJ / 0.0026	UJ / 0.0017	UJ / 0.0018
Dibromochloromethane	124-48-1	8.3	--	--	8.3	UJ / 0.0031	UJ / 0.0052	UJ / 0.0033	UJ / 0.0036
Dichlorodifluoromethane	75-71-8	8.7	--	--	8.7	UJ / 0.001	UJ / 0.0018	UJ / 0.0011	UJ / 0.0012
Ethylbenzene	100-41-4	5.8	1500	--	5.8	UJ / 0.0012	UJ / 0.002	UJ / 0.0013	UJ / 0.0014
Isopropylbenzene	98-82-8	190	--	--	190	UJ / 0.00092	UJ / 0.0016	UJ / 0.001	UJ / 0.0011
Methyl Acetate	79-20-9	7800	--	--	7800	UJ / 0.0038	UJ / 0.0064	UJ / 0.0041	UJ / 0.0044
Methyl ethyl ketone	78-93-3	2700	--	350	350	UJ / 0.0039	UJ / 0.0067	UJ / 0.0043	UJ / 0.0046
Methyl Tert-Butyl Ether	1634-04-4	47	4400	--	47	UJ / 0.00091	UJ / 0.0015	UJ / 0.00099	UJ / 0.0011
Methylcyclohexane	108-87-2	--	--	--	--	UJ / 0.0014	UJ / 0.0023	UJ / 0.0015	UJ / 0.0016
Methylene chloride	75-09-2	35	--	2.6	2.6	UJ / 0.013	UJ / 0.022	UJ / 0.014	UJ / 0.016
n-Hexane	110-54-3	61	--	--	61	UJ / 0.0016	UJ / 0.0027	UJ / 0.0018	UJ / 0.0019
Styrene	100-42-5	600	--	1.2	1.2	UJ / 0.0013	UJ / 0.0022	UJ / 0.0014	UJ / 0.0015
Tetrachloroethene	127-18-4	8.1	--	0.18	0.18	UJ / 0.00081	UJ / 0.0014	UJ / 0.00088	UJ / 0.00095
Tetrahydrofuran	109-99-9	1800	--	--	1800	UJ / 0.0029	UJ / 0.0048	UJ / 0.0031	UJ / 0.0034
Toluene	108-88-3	490	--	23	23	UJ / 0.00085	UJ / 0.0014	UJ / 0.00093	UJ / 0.001
trans-1,2-Dichloroethene	156-60-5	7	--	89.6	7	UJ / 0.00051	UJ / 0.00087	UJ / 0.00056	UJ / 0.00061
trans-1,3-Dichloropropene	10061-02-6	--	--	--	--	UJ / 0.0011	UJ / 0.0019	UJ / 0.0012	UJ / 0.0013
Trichloroethene	79-01-6	0.41	--	1.387	0.41	UJ / 0.0007	UJ / 0.0012	UJ / 0.00076	UJ / 0.00082
Trichlorofluoromethane	75-69-4	2300	--	52	52	UJ / 0.0012	UJ / 0.002	UJ / 0.0013	UJ / 0.0014
Vinyl chloride	75-01-4	0.059	--	0.12	0.059	UJ / 0.00092	UJ / 0.0016	UJ / 0.001	UJ / 0.0011
Xylenes, Total	1330-20-7	58	130	1.4	1.4	UJ / 0.0018	UJ / 0.003	UJ / 0.0019	UJ / 0.0021

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

Table B-5E
Summary of VOC Results in Subsurface Soil
Caneel Bay Site

Location ID:						SC-3-09	SC-3-10	SC-3-10	SC-3-11
Sample Date:						2/21/2021	2/22/2021	2/22/2021	2/21/2021
Interval (ftbgs):						3 - 6'	0 - 3'	3 - 6'	0 - 3'
Analyte (mg/kg)	CAS	Soil RSL	DPNR Soil	NPS Soil ESV	Soil PAL				
1,1,1-Trichloroethane	71-55-6	810	--	260	260	UJ / 0.001	UJ / 0.0012	UJ / 0.00087	UJ / 0.0011
1,1,2,2-Tetrachloroethane	79-34-5	0.6	--	--	0.6	UJ / 0.0018	UJ / 0.0021	UJ / 0.0015	UJ / 0.0019
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	670	--	--	--	UJ / 0.0016	UJ / 0.0019	UJ / 0.0014	UJ / 0.0017
1,1,2-Trichloroethane	79-00-5	0.15	--	--	0.15	UJ / 0.0014	UJ / 0.0017	UJ / 0.0012	UJ / 0.0015
1,1-Dichloroethane	75-34-3	3.6	--	210	3.6	UJ / 0.00087	UJ / 0.001	UJ / 0.00073	UJ / 0.0009
1,1-Dichloroethene	75-35-4	23	--	11	11	UJ / 0.0011	UJ / 0.0013	UJ / 0.00095	UJ / 0.0012
1,2,4-Trichlorobenzene	120-82-1	5.8	--	0.27	0.27	UJ / 0.00072	UJ / 0.00085	UJ / 0.0006	UJ / 0.00074
1,2-Dibromo-3-chloropropane	96-12-8	0.0053	--	--	0	UJ / 0.0045	UJ / 0.0053	UJ / 0.0038	UJ / 0.0047
1,2-Dibromoethane	106-93-4	0.036	--	--	0.036	UJ / 0.00096	UJ / 0.0011	UJ / 0.00081	UJ / 0.001
1,2-Dichlorobenzene	95-50-1	180	--	0.92	0.92	UJ / 0.0014	UJ / 0.0016	UJ / 0.0012	UJ / 0.0014
1,2-Dichloroethane	107-06-2	0.46	0.5	0.85	0.46	UJ / 0.00097	UJ / 0.0011	UJ / 0.00081	UJ / 0.001
1,2-Dichloropropane	78-87-5	1.6	--	700	1.6	UJ / 0.0011	UJ / 0.0013	UJ / 0.0009	UJ / 0.0011
1,3-Dichlorobenzene	541-73-1	--	--	0.74	0.74	UJ / 0.001	UJ / 0.0012	UJ / 0.00086	UJ / 0.0011
1,4-Dichlorobenzene	106-46-7	2.6	--	0.89	0.89	UJ / 0.0011	UJ / 0.0013	UJ / 0.00093	UJ / 0.0011
2-Hexanone	591-78-6	20	--	0.36	0.36	UJ / 0.0051	UJ / 0.0061	UJ / 0.0043	UJ / 0.0053
4-Methyl-2-Pentanone	108-10-1	3300	--	9.7	9.7	UJ / 0.0046	UJ / 0.0055	UJ / 0.0039	UJ / 0.0048
Acetone	67-64-1	6100	--	1.2	1.2	UJ / 0.026	UJ / 0.031	0.072 J	UJ / 0.027
Benzene	71-43-2	1.2	1.2	24	1.2	UJ / 0.00087	UJ / 0.001	UJ / 0.00074	UJ / 0.00091
Bromodichloromethane	75-27-4	0.29	--	--	0.29	UJ / 0.00085	UJ / 0.001	UJ / 0.00072	UJ / 0.00088
Bromoform	75-25-2	19	--	--	19	UJ / 0.003	UJ / 0.0036	UJ / 0.0025	UJ / 0.0031
Bromomethane	74-83-9	0.68	--	--	0.68	UJ / 0.0012	UJ / 0.0015	UJ / 0.001	UJ / 0.0013
Carbon disulfide	75-15-0	77	--	0.81	0.81	UJ / 0.0015	UJ / 0.0017	UJ / 0.0012	UJ / 0.0015
Carbon Tetrachloride	56-23-5	0.65	--	58.6	0.65	UJ / 0.0041	UJ / 0.0048	UJ / 0.0034	UJ / 0.0042
Chlorobenzene	108-90-7	28	--	2.4	2.4	UJ / 0.0011	UJ / 0.0014	UJ / 0.00097	UJ / 0.0012
Chloroethane	75-00-3	1400	--	--	1400	UJ / 0.0015	UJ / 0.0018	UJ / 0.0013	UJ / 0.0016
Chloroform	67-66-3	0.32	--	8	0.32	UJ / 0.00099	UJ / 0.0012	UJ / 0.00083	UJ / 0.001
Chloromethane	74-87-3	11	--	--	11	UJ / 0.0013	UJ / 0.0015	UJ / 0.0011	UJ / 0.0014
cis-1,2-Dichloroethene	156-59-2	16	--	89.6	16	UJ / 0.00081	UJ / 0.00097	UJ / 0.00069	UJ / 0.00085
cis-1,3-Dichloropropene	10061-01-5	--	--	--	--	UJ / 0.0018	UJ / 0.0021	UJ / 0.0015	UJ / 0.0019
Cyclohexane	110-82-7	650	--	--	650	UJ / 0.0017	UJ / 0.002	UJ / 0.0015	UJ / 0.0018
Dibromochloromethane	124-48-1	8.3	--	--	8.3	UJ / 0.0035	UJ / 0.0041	UJ / 0.0029	UJ / 0.0036
Dichlorodifluoromethane	75-71-8	8.7	--	--	8.7	UJ / 0.0012	UJ / 0.0014	UJ / 0.001	UJ / 0.0012
Ethylbenzene	100-41-4	5.8	1500	--	5.8	UJ / 0.0013	UJ / 0.0016	UJ / 0.0011	UJ / 0.0014
Isopropylbenzene	98-82-8	190	--	--	190	UJ / 0.001	UJ / 0.0012	UJ / 0.00088	UJ / 0.0011
Methyl Acetate	79-20-9	7800	--	--	7800	UJ / 0.0043	UJ / 0.005	UJ / 0.0036	UJ / 0.0044
Methyl ethyl ketone	78-93-3	2700	--	350	350	UJ / 0.0044	UJ / 0.0053	0.015 J	UJ / 0.0046
Methyl Tert-Butyl Ether	1634-04-4	47	4400	--	47	UJ / 0.001	UJ / 0.0012	UJ / 0.00087	UJ / 0.0011
Methylcyclohexane	108-87-2	--	--	--	--	UJ / 0.0015	UJ / 0.0018	UJ / 0.0013	UJ / 0.0016
Methylene chloride	75-09-2	35	--	2.6	2.6	UJ / 0.015	UJ / 0.018	UJ / 0.013	UJ / 0.016
n-Hexane	110-54-3	61	--	--	61	UJ / 0.0018	UJ / 0.0022	UJ / 0.0015	UJ / 0.0019
Styrene	100-42-5	600	--	1.2	1.2	UJ / 0.0014	UJ / 0.0017	UJ / 0.0012	UJ / 0.0015
Tetrachloroethene	127-18-4	8.1	--	0.18	0.18	UJ / 0.00091	UJ / 0.0011	UJ / 0.00077	UJ / 0.00095
Tetrahydrofuran	109-99-9	1800	--	--	1800	UJ / 0.0032	UJ / 0.0038	UJ / 0.0027	UJ / 0.0034
Toluene	108-88-3	490	--	23	23	UJ / 0.00097	UJ / 0.0011	UJ / 0.00082	UJ / 0.001
trans-1,2-Dichloroethene	156-60-5	7	--	89.6	7	UJ / 0.00058	UJ / 0.00069	UJ / 0.00049	UJ / 0.00061
trans-1,3-Dichloropropene	10061-02-6	--	--	--	--	UJ / 0.0013	UJ / 0.0015	UJ / 0.0011	UJ / 0.0013
Trichloroethene	79-01-6	0.41	--	1.387	0.41	UJ / 0.00079	UJ / 0.00094	UJ / 0.00067	UJ / 0.00082
Trichlorofluoromethane	75-69-4	2300	--	52	52	UJ / 0.0013	UJ / 0.0016	UJ / 0.0011	UJ / 0.0014
Vinyl chloride	75-01-4	0.059	--	0.12	0.059	UJ / 0.001	UJ / 0.0012	UJ / 0.00088	UJ / 0.0011
Xylenes, Total	1330-20-7	58	130	1.4	1.4	UJ / 0.002	UJ / 0.0024	UJ / 0.0017	UJ / 0.0021

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

Table B-5E
Summary of VOC Results in Subsurface Soil
Caneel Bay Site

Location ID:						SC-3-11	SC-REF-01	SC-REF-02	SC-REF-03
Sample Date:						2/21/2021	2/21/2021	2/21/2021	2/21/2021
Interval (ftbgs):						3 - 6'	0 - 0.5'	0 - 2.6'	0 - 3'
Analyte (mg/kg)	CAS	Soil RSL	DPNR Soil	NPS Soil ESV	Soil PAL				
1,1,1-Trichloroethane	71-55-6	810	--	260	260	UJ / 0.0011	UJ / 0.00087	UJ / 0.0011	UJ / 0.00094
1,1,2,2-Tetrachloroethane	79-34-5	0.6	--	--	0.6	UJ / 0.002	UJ / 0.0015	UJ / 0.0018	UJ / 0.0016
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	670	--	--	--	UJ / 0.0018	UJ / 0.0014	UJ / 0.0016	UJ / 0.0015
1,1,2-Trichloroethane	79-00-5	0.15	--	--	0.15	UJ / 0.0016	UJ / 0.0012	UJ / 0.0015	UJ / 0.0013
1,1-Dichloroethane	75-34-3	3.6	--	210	3.6	UJ / 0.00095	UJ / 0.00074	UJ / 0.00089	UJ / 0.0008
1,1-Dichloroethene	75-35-4	23	--	11	11	UJ / 0.0012	UJ / 0.00096	UJ / 0.0012	UJ / 0.001
1,2,4-Trichlorobenzene	120-82-1	5.8	--	0.27	0.27	UJ / 0.00079	UJ / 0.00061	UJ / 0.00073	UJ / 0.00066
1,2-Dibromo-3-chloropropane	96-12-8	0.0053	--	--	0	UJ / 0.005	UJ / 0.0038	UJ / 0.0046	UJ / 0.0042
1,2-Dibromoethane	106-93-4	0.036	--	--	0.036	UJ / 0.0011	UJ / 0.00082	UJ / 0.00099	UJ / 0.00089
1,2-Dichlorobenzene	95-50-1	180	--	0.92	0.92	UJ / 0.0015	UJ / 0.0012	UJ / 0.0014	UJ / 0.0013
1,2-Dichloroethane	107-06-2	0.46	0.5	0.85	0.46	UJ / 0.0011	UJ / 0.00082	UJ / 0.00099	UJ / 0.00089
1,2-Dichloropropane	78-87-5	1.6	--	700	1.6	UJ / 0.0012	UJ / 0.0009	UJ / 0.0011	UJ / 0.00098
1,3-Dichlorobenzene	541-73-1	--	--	0.74	0.74	UJ / 0.0011	UJ / 0.00087	UJ / 0.001	UJ / 0.00094
1,4-Dichlorobenzene	106-46-7	2.6	--	0.89	0.89	UJ / 0.0012	UJ / 0.00094	UJ / 0.0011	UJ / 0.001
2-Hexanone	591-78-6	20	--	0.36	0.36	UJ / 0.0056	UJ / 0.0043	UJ / 0.0052	UJ / 0.0047
4-Methyl-2-Pentanone	108-10-1	3300	--	9.7	9.7	UJ / 0.0051	UJ / 0.0039	UJ / 0.0048	UJ / 0.0043
Acetone	67-64-1	6100	--	1.2	1.2	0.12 J-	UJ / 0.022	UJ / 0.027	UJ / 0.024
Benzene	71-43-2	1.2	1.2	24	1.2	UJ / 0.00096	UJ / 0.00074	UJ / 0.0009	UJ / 0.0008
Bromodichloromethane	75-27-4	0.29	--	--	0.29	UJ / 0.00093	UJ / 0.00072	UJ / 0.00087	UJ / 0.00078
Bromoform	75-25-2	19	--	--	19	UJ / 0.0033	UJ / 0.0026	UJ / 0.0031	UJ / 0.0028
Bromomethane	74-83-9	0.68	--	--	0.68	UJ / 0.0014	UJ / 0.0011	UJ / 0.0013	UJ / 0.0011
Carbon disulfide	75-15-0	77	--	0.81	0.81	0.0016 J	0.0034 J	UJ / 0.0015	UJ / 0.0013
Carbon Tetrachloride	56-23-5	0.65	--	58.6	0.65	UJ / 0.0045	UJ / 0.0035	UJ / 0.0042	UJ / 0.0037
Chlorobenzene	108-90-7	28	--	2.4	2.4	UJ / 0.0013	UJ / 0.00097	UJ / 0.0012	UJ / 0.0011
Chloroethane	75-00-3	1400	--	--	1400	UJ / 0.0017	UJ / 0.0013	UJ / 0.0016	UJ / 0.0014
Chloroform	67-66-3	0.32	--	8	0.32	UJ / 0.0011	UJ / 0.00084	UJ / 0.001	UJ / 0.00091
Chloromethane	74-87-3	11	--	--	11	UJ / 0.0014	UJ / 0.0011	UJ / 0.0013	UJ / 0.0012
cis-1,2-Dichloroethene	156-59-2	16	--	89.6	16	UJ / 0.00089	UJ / 0.00069	UJ / 0.00084	UJ / 0.00075
cis-1,3-Dichloropropene	10061-01-5	--	--	--	--	UJ / 0.002	UJ / 0.0015	UJ / 0.0018	UJ / 0.0017
Cyclohexane	110-82-7	650	--	--	650	UJ / 0.0019	UJ / 0.0015	UJ / 0.0018	UJ / 0.0016
Dibromochloromethane	124-48-1	8.3	--	--	8.3	UJ / 0.0038	UJ / 0.003	UJ / 0.0036	UJ / 0.0032
Dichlorodifluoromethane	75-71-8	8.7	--	--	8.7	UJ / 0.0013	UJ / 0.001	UJ / 0.0012	UJ / 0.0011
Ethylbenzene	100-41-4	5.8	1500	--	5.8	UJ / 0.0014	UJ / 0.0011	UJ / 0.0013	UJ / 0.0012
Isopropylbenzene	98-82-8	190	--	--	190	UJ / 0.0011	UJ / 0.00088	UJ / 0.0011	UJ / 0.00096
Methyl Acetate	79-20-9	7800	--	--	7800	UJ / 0.0047	UJ / 0.0036	UJ / 0.0044	UJ / 0.0039
Methyl ethyl ketone	78-93-3	2700	--	350	350	0.02 J	UJ / 0.0038	UJ / 0.0046	UJ / 0.0041
Methyl Tert-Butyl Ether	1634-04-4	47	4400	--	47	UJ / 0.0011	UJ / 0.00087	UJ / 0.0011	UJ / 0.00094
Methylcyclohexane	108-87-2	--	--	--	--	UJ / 0.0017	UJ / 0.0013	UJ / 0.0016	UJ / 0.0014
Methylene chloride	75-09-2	35	--	2.6	2.6	UJ / 0.016	UJ / 0.013	UJ / 0.015	UJ / 0.014
n-Hexane	110-54-3	61	--	--	61	UJ / 0.002	UJ / 0.0016	UJ / 0.0019	UJ / 0.0017
Styrene	100-42-5	600	--	1.2	1.2	UJ / 0.0016	UJ / 0.0012	UJ / 0.0015	UJ / 0.0013
Tetrachloroethene	127-18-4	8.1	--	0.18	0.18	UJ / 0.001	UJ / 0.00078	UJ / 0.00094	UJ / 0.00084
Tetrahydrofuran	109-99-9	1800	--	--	1800	UJ / 0.0036	UJ / 0.0028	UJ / 0.0033	UJ / 0.003
Toluene	108-88-3	490	--	23	23	UJ / 0.0011	UJ / 0.00082	UJ / 0.00099	UJ / 0.00089
trans-1,2-Dichloroethene	156-60-5	7	--	89.6	7	UJ / 0.00064	UJ / 0.00049	UJ / 0.0006	UJ / 0.00054
trans-1,3-Dichloropropene	10061-02-6	--	--	--	--	UJ / 0.0014	UJ / 0.0011	UJ / 0.0013	UJ / 0.0012
Trichloroethene	79-01-6	0.41	--	1.387	0.41	UJ / 0.00087	UJ / 0.00067	UJ / 0.00081	UJ / 0.00073
Trichlorofluoromethane	75-69-4	2300	--	52	52	UJ / 0.0015	UJ / 0.0011	UJ / 0.0014	UJ / 0.0012
Vinyl chloride	75-01-4	0.059	--	0.12	0.059	UJ / 0.0011	UJ / 0.00089	UJ / 0.0011	UJ / 0.00096
Xylenes, Total	1330-20-7	58	130	1.4	1.4	UJ / 0.0022	UJ / 0.0017	UJ / 0.002	UJ / 0.0018

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

Table B-5F
Summary of TCLP Results in Subsurface Soil
Caneel Bay Site

Location ID:		SC-3-01	SC-3-02	SC-3-03	SC-3-04	SC-3-06	SC-3-07	SC-3-08	SC-3-10	SC-3-11
Sample Date:		2/19/2021	2/19/2021	2/19/2021	2/19/2021	2/19/2021	2/19/2021	2/21/2021	2/21/2021	2/21/2021
Interval (ftbgs):		0 - 4'	0 - 5'	0 - 5'	0 - 5'	0 - 6'	2 - 6'	0 - 5'	0 - 5'	0 - 5'
Analyte (µg/L)	CAS									
Metals										
Arsenic	7440-38-2	26 J,B	6 J,B	7.5 J,B	7.6 J,B	6.9 J,B	12 J,B	19 J,B	64 B	9.7 J,B
Barium	7440-39-3	330 J	860	430 J	730	620	510	280 J	540	440 J
Cadmium	7440-43-9	0.44 J	U / 50	U / 50	U / 50	0.39 J	0.41 J	0.32 J	0.37 J	0.28 J
Chromium, Total	7440-47-3	2.9 J,B	4.4 J,B	2.5 J,B	2.8 J,B	3.7 J,B	3.9 J,B	3 J,B	10 J,B	2.4 J,B
Lead	7439-92-1	3.1 J	2.8 J	U / 50	U / 50	U / 50	U / 50	U / 50	U / 50	U / 50
Mercury	7439-97-6	U / 2	U / 2	U / 2	U / 2	U / 2	U / 2	U / 2	U / 2	U / 2
Selenium	7782-49-2	U / 50	U / 50	U / 50	U / 50	U / 50	U / 50	U / 50	U / 50	U / 50
Silver	7440-22-4	U / 50	U / 50	U / 50	U / 50	0.89 J	U / 50	U / 50	U / 50	U / 50
Pesticides										
Chlordane, Technical	12789-03-6	U / 5	U / 5	U / 5	U / 5	U / 5	U / 5	U / 5	U / 5	U / 5
Endrin	72-20-8	U / 0.5	U / 0.5	U / 0.5	U / 0.5	U / 0.5	U / 0.5	U / 0.5	U / 0.5	U / 0.5
gamma-BHC (Lindane)	58-89-9	U / 0.5	U / 0.5	U / 0.5	U / 0.5	U / 0.5	U / 0.5	U / 0.5	U / 0.5	U / 0.5
Heptachlor	76-44-8	U / 0.5	U / 0.5	U / 0.5	U / 0.5	U / 0.5	U / 0.5	U / 0.5	U / 0.5	U / 0.5
Heptachlor Epoxide	1024-57-3	U / 0.5	U / 0.5	U / 0.5	U / 0.5	U / 0.5	U / 0.5	U / 0.5	U / 0.5	U / 0.5
Methoxychlor	72-43-5	U / 1	U / 1	U / 1	U / 1	U / 1	U / 1	U / 1	U / 1	U / 1
Toxaphene	8001-35-2	U / 20	U / 20	U / 20	U / 20	U / 20	U / 20	U / 20	U / 20	U / 20
VOCs										
1,1-Dichloroethene	75-35-4	U / 25	U / 25	U / 25	U / 25	U / 25	U / 25	U / 50	U / 25	U / 50
1,2-Dichloroethane	107-06-2	U / 25	U / 25	U / 25	U / 25	U / 25	U / 25	U / 50	U / 25	U / 50
Benzene	71-43-2	U / 25	U / 25	U / 25	U / 25	U / 25	U / 25	U / 50	U / 25	U / 50
Carbon Tetrachloride	56-23-5	U / 25	U / 25	U / 25	U / 25	U / 25	U / 25	U / 50	U / 25	U / 50
Chlorobenzene	108-90-7	U / 25	U / 25	U / 25	U / 25	U / 25	U / 25	U / 50	U / 25	U / 50
Chloroform	67-66-3	U / 25	U / 25	U / 25	U / 25	U / 25	U / 25	U / 50	U / 25	U / 50
Methyl ethyl ketone	78-93-3	U / 250	U / 250	U / 250	U / 250	U / 250	U / 250	U / 500	150 J,B	U / 500
Tetrachloroethene	127-18-4	U / 25	U / 25	U / 25	U / 25	U / 25	U / 25	13 J,B	7 J,B	15 J,B
Trichloroethene	79-01-6	U / 25	U / 25	U / 25	U / 25	U / 25	U / 25	U / 50	U / 25	U / 50
Vinyl chloride	75-01-4	U / 25	U / 25	U / 25	U / 25	U / 25	U / 25	U / 50	U / 25	U / 50
SVOCs										
1,4-Dichlorobenzene	106-46-7	U / 4	U / 4	U / 4	U / 4	U / 4	U / 4	U / 4	U / 4	U / 4
2,4,5-Trichlorophenol	95-95-4	U / 4	U / 4	U / 4	U / 4	U / 4	U / 4	U / 4	U / 4	U / 4
2,4,6-Trichlorophenol	88-06-2	U / 4	U / 4	U / 4	U / 4	U / 4	U / 4	U / 4	U / 4	U / 4
2,4-Dinitrotoluene	121-14-2	U / 4	U / 4	U / 4	U / 4	U / 4	U / 4	U / 4	U / 4	U / 4
2-Methylphenol	95-48-7	U / 4	U / 4	U / 4	U / 4	U / 4	U / 4	U / 4	U / 4	U / 4
3-&4-Methylphenol	15831-10-4	U / 4	1.3 J	U / 4	U / 4	U / 4	U / 4	U / 4	U / 4	U / 4
Hexachlorobenzene	118-74-1	U / 0.8	U / 0.8	U / 0.8	U / 0.8	U / 0.8	U / 0.8	U / 0.8	U / 0.8	U / 0.8
Hexachlorobutadiene	87-68-3	U / 4	U / 4	U / 4	U / 4	U / 4	U / 4	U / 4	U / 4	U / 4
Hexachloroethane	67-72-1	U / 4	U / 4	U / 4	U / 4	U / 4	U / 4	U / 4	U / 4	U / 4
Nitrobenzene	98-95-3	U / 4	U / 4	U / 4	U / 4	U / 4	U / 4	U / 4	U / 4	U / 4
Pentachlorophenol	87-86-5	U / 16	U / 16	U / 16	U / 16	U / 16	U / 16	U / 16	U / 16	U / 16
Pyridine	110-86-1	U / 4	U / 4	U / 4	U / 4	U / 4	U / 4	U / 4	U / 4	U / 4

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

Table B-6A
Summary of Metal Results in Groundwater
Caneel Bay Site

Sample Name: MW-01							
Sample Date: 2/24/2021							
Analyte (µg/L)	CASN	Drinking Water MCL	DPNR Ground-water	Tapwater RSL	NPS ESV Surface Water	Ground-water PAL	
Antimony	7440-36-0	6	--	0.78	30	0.78	<i>U / 0.41</i>
Arsenic	7440-38-2	10	10	0.052	3.1	0.052	2.4
Barium	7440-39-3	2000	--	380	3.9	3.9	100
Beryllium	7440-41-7	4	--	2.5	0.66	0.66	<i>U / 0.12</i>
Cadmium	7440-43-9	5	5	0.92	0.07	0.07	0.86
Chromium, Total	7440-47-3	--	--	--	--	--	2.2
Copper	7440-50-8	1300	--	80	0.23	0.23	15
Lead	7439-92-1	15	15	15	0.92	0.92	3.4
Mercury	7439-97-6	2	--	0.063	0.026	0.026	<i>U / 0.079</i>
Nickel	7440-02-0	--	--	39	5	5	13
Selenium	7782-49-2	50	--	10	1	1	<i>U / 0.28</i>
Silver	7440-22-4	--	--	9.4	0.067	0.067	0.34 J
Thallium	7440-28-0	2	--	0.02	0.03	0.02	<i>U / 0.13</i>
Zinc	7440-66-6	--	--	600	30	30	110

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

Table B-6B
Summary of PAH Results in Groundwater
Caneel Bay Site

Sample Name:							MW-01
Sample Date:							2/24/2021
Analyte (µg/L)	CASN	Drinking Water MCL	DPNR Ground-water	Tapwater RSL	NPS ESV Surface Water	Ground-water PAL	
1-Methylnaphthalene	90-12-0	--	28	1.1	--	1.1	0.032 J
2-Methylnaphthalene	91-57-6	--	28	3.6	330	3.6	UJ / 0.032
Acenaphthene	83-32-9	--	20	53	5.8	5.8	UJ / 0.016
Acenaphthylene	208-96-8	--	210	--	4800	210	UJ / 0.016
Anthracene	120-12-7	--	2100	180	0.012	0.012	UJ / 0.016
Benz(a)anthracene	56-55-3	--	0.05	0.03	0.018	0.018	UJ / 0.016
Benz(a)pyrene	50-32-8	0.2	0.2	0.025	0.014	0.014	UJ / 0.016
Benz(b)fluoranthene	205-99-2	--	0.05	0.25	9	0.05	UJ / 0.016
Benz(g,h,i)perylene	191-24-2	--	210	--	7.6	7.6	UJ / 0.016
Benz(k)fluoranthene	207-08-9	--	0.5	2.5	0.0041	0.0041	UJ / 0.016
Chrysene	218-01-9	--	4.8	25	0.0018	0.0018	UJ / 0.016
Dibenz(a,h)anthracene	53-70-3	--	0.005	0.025	0.0034	0.0034	UJ / 0.032
Fluoranthene (ldryl)	206-44-0	--	280	80	0.04	0.04	0.022 J
Fluorene	86-73-7	--	280	29	3	3	0.039 J
Indeno(1,2,3-cd)pyrene	193-39-5	--	0.05	0.25	4.3	0.05	UJ / 0.032
Naphthalene	91-20-3	--	14	0.12	1.1	0.12	UJ / 0.048
Phenanthrene	85-01-8	--	210	--	0.4	0.4	UJ / 0.048
Pyrene	129-00-0	--	210	12	0.025	0.025	0.024 J

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

Table B-6C
Summary of VOC Results in Groundwater
Caneel Bay Site

Sample Name: MW-01							
Sample Date: 2/24/2021							
Analyte (µg/L)	CASN	Drinking Water MCL	DPNR Ground water	Tapwater RSL	NPS ESV Surface Water	Vapor Intrusion RSL	Ground-water PAL
1,1,1-Trichloroethane	71-55-6	200	--	800	11	--	11
1,1,2,2-Tetrachloroethane	79-34-5	--	--	0.076	610	--	0.076
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	--	--	1000	--	--	1000
1,1,2-Trichloroethane	79-00-5	5	--	0.041	1200	--	0.041
1,1-Dichloroethane	75-34-3	--	--	2.8	47	--	2.8
1,1-Dichloroethene	75-35-4	7	--	28	25	--	7
1,2,4-Trichlorobenzene	120-82-1	70	--	0.4	24	--	0.4
1,2-Dibromo-3-chloropropane	96-12-8	0.2	--	0.00033	--	--	0.00033
1,2-Dibromoethane	106-93-4	0.05	0.02	0.0075	--	--	0.0075
1,2-Dichlorobenzene	95-50-1	600	--	30	0.7	--	0.7
1,2-Dichloroethane	107-06-2	5	3	0.17	100	--	0.17
1,2-Dichloropropane	78-87-5	5	--	0.82	--	--	0.82
1,3-Dichlorobenzene	541-73-1	--	--	--	71	--	71
1,4-Dichlorobenzene	106-46-7	75	--	0.48	15	--	0.48
2-Hexanone	591-78-6	--	--	3.8	99	--	3.8
2-Methyl-2-propanol	75-65-0	--	50	--	--	--	50
4-Methyl-2-Pentanone	108-10-1	--	--	630	170	--	170
Acetone	67-64-1	--	--	1400	1500	--	1400
Benzene	71-43-2	5	1	0.46	46	--	0.46
Bromodichloromethane	75-27-4	80	--	0.13	--	--	0.13
Bromoform	75-25-2	80	--	3.3	320	--	3.3
Bromomethane	74-83-9	--	--	0.75	1300	--	0.75
Carbon disulfide	75-15-0	--	--	81	0.92	--	0.92
Carbon Tetrachloride	56-23-5	5	--	0.46	9.8	--	0.46
Chlorobenzene	108-90-7	100	--	7.8	1.3	--	1.3
Chloroethane	75-00-3	--	--	2100	--	--	2100
Chloroform	67-66-3	80	--	0.22	1.8	--	0.22
Chloromethane	74-87-3	--	--	19	--	--	19
cis-1,2-Dichloroethene	156-59-2	70	--	3.6	590	--	3.6
cis-1,3-Dichloropropene	10061-01-5	--	--	--	0.055	--	0.055
Cyclohexane	110-82-7	--	--	1300	--	--	1300
Dibromochloromethane	124-48-1	80	--	0.87	--	--	0.87
Dichlorodifluoromethane	75-71-8	--	--	20	--	--	20
Ethylbenzene	100-41-4	700	700	1.5	7.3	3.5	1.5
Isopropyl Ether	108-20-3	--	5	150	--	--	5
Isopropylbenzene	98-82-8	--	--	45	--	--	45
Methyl Acetate	79-20-9	--	--	2000	--	--	2000
Methyl ethyl ketone	78-93-3	--	--	560	7200	--	560
Methyl Tert-Butyl Ether	1634-04-4	--	--	14	10000	--	14
Methylcyclohexane	108-87-2	--	--	--	--	--	--
Methylene chloride	75-09-2	5	--	11	98.1	--	5
n-Hexane	110-54-3	--	--	150	--	--	150
Styrene	100-42-5	100	--	120	72	930	72
Tetrachloroethene	127-18-4	5	--	4.1	50	--	4.1
Toluene	108-88-3	1000	1000	110	2	--	2
trans-1,2-Dichloroethene	156-60-5	100	--	6.8	590	--	6.8
trans-1,3-Dichloropropene	10061-02-6	--	--	--	0.055	--	0.055
Trichloroethene	79-01-6	5	--	0.28	21	--	0.28
Trichlorofluoromethane	75-69-4	--	--	520	--	--	520
Vinyl chloride	75-01-4	2	--	0.019	--	--	0.019
Xylenes, Total	1330-20-7	10000	10000	19	13	--	13

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

Notes for all data tables

Screening Levels

RSL	Residential Regional Screening Level (Soil), based on Carcinogenic Risk of 1E-6, Non-Cancer risk of 0.1
DPNR	United States Virgin Island Department of Natural Resources Cleanup Standard
NPS ESV	NPS Ecological Screening Value, 2018 values
MCL	Federal and Virgin Islands Maximum Contaminant Level (MCL) for drinking water
PAL	Project Action Limit, which is the lowest of the screening levels
PAL Exceedance =	##

Analytical Acronyms

ISM	Incremental Screening Methodology
PAH	Polycyclic aromatic hydrocarbon
VOC	Volatile Organic Compound
CAS	Chemical Abstracts Service
MDL	Method Detection Limit
LOQ	Limit of Quantitation

Data Qualifiers

*	Laboratory indicates that the sample may be biased low, this sample was not validated
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)
UJ	Value is below the estimated Laboratory MDL (Limit shown)
B	Analyte also detected in blank sample
R	Result rejected by Data Validator

Units

µg/L	Micrograms per liter
mg/kg	Milligrams per kilogram

Other Acronyms/Symbols

ID	Identification
ftbgs	Feet below ground surface

-- = not analyzed for or no screening level