

Project: ROUTE 11 (SECTION BETWEEN YUEN LONG AND NORTH LANTAU) AND OTHER MAJOR ROAD PROJECTS - GROUND INVESTIGATION

Analyte Description				Silver	Arsenic	Cadmium	Chromium	Copper	Nickel	Lead	Zinc	Mercury	Total Polychlorinated biphenyls	Low M.W. PAHs	High M.W. PAHs	Tributyl Tin	ETWB TCW No. 34/2002 - Classification of Sediment	
Unit (In dry Wt basis)				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	µg/kg	µg/kg	µg/kg	ug TBT/L		
Reporting Limits				0.1	1	0.2	1	1	1	1	1	0.05	18	550	1700	0.015		
Lower Chemical Exceedance Level (LCEL)				1	12	1.5	80	65	40	75	200	0.5	23	550	1700	0.15		
Upper Chemical Exceedance Level (UCEL)				<u>2</u>	<u>42</u>	<u>4</u>	<u>160</u>	<u>110</u>	<u>40</u>	<u>110</u>	<u>270</u>	<u>1</u>	<u>180</u>	<u>3160</u>	<u>9600</u>	<u>0.15</u>		
10 x (LCEL)				<u>10</u>	<u>120</u>	<u>15</u>	<u>800</u>	<u>650</u>	<u>400</u>	<u>750</u>	<u>2000</u>	<u>5</u>	<u>230</u>	<u>5500</u>	<u>17000</u>	<u>1.5</u>		
ALS Lab ID	Drillhole No	Sampling Depth		Date of Sampling														
HK2238009001	TLB/VC3	Surface		26/09/2022	0.1	3	<0.2	11	12	7	19	40	<0.05	<18	<550	<1700	--	L
HK2238009002	TLB/VC1	Surface		26/09/2022	<0.1	3	<0.2	8	9	5	17	33	<0.05	<18	<550	<1700	--	L
HK2238313001	TLB/VC1	0.00-0.45	0.50-0.95	27/09/2022	<0.1	5	<0.2	8	5	<1	13	57	<0.05	<18	<550	<1700	--	L
HK2238313002	TLB/VC1	1.00-1.45	1.50-1.95	27/09/2022	<0.1	4	<0.2	12	4	8	13	74	<0.05	<18	<550	<1700	--	L
HK2238317001	TLB/VC3	0.00-0.45	0.50-0.95	28/09/2022	<0.1	6	<0.2	21	9	14	20	62	<0.05	<18	<550	<1700	--	L
HK2238317002	TLB/VC3	1.00-1.45	1.50-1.95	28/09/2022	<0.1	5	<0.2	19	7	13	19	100	<0.05	<18	<550	<1700	--	L
HK2238317003	TLB/VC3	2.00-2.45	2.50-2.95	28/09/2022	<0.1	5	<0.2	19	7	13	19	73	<0.05	<18	<550	<1700	--	L

Note:

[1] No marine sediment was encountered from 2.0m bgl onwards at TLB/VC1.

[2] No marine sediment was encountered from 3.0m bgl onwards at TLB/VC3.

Bold: Value that exceed LCEL

Bold Italic and Underlined: Value that exceed UCEL

Bold and Underlined: Value that exceed 10 x LCEL

Total PCB: Total PCBs calculated through summation of the 18 PCB congeners, based on raw data above the limit of detection of 1ug/kg.

For detailed information on the individual congeners please refer to the certificate of analysis for the work order.

IS Denoted: Insufficient interstitial water generated for TBT analysis.

Category L: Analytical results less than or equal to Lower Chemical Exceedance Level (LCEL)

Category M: Analytical results greater than Lower Chemical Exceedance Level (LCEL), but less than or equal to Upper Chemical Exceedance Level (UCEL)

Category H: Analytical results greater than Upper Chemical Exceedance Level (UCEL)

Category 10xLCEL: Analytical results greater than 10x Lower Chemical Exceedance Level (10xLCEL)