

Appendix 4A

Geological Survey of Canada  
Banks Island KIM samples - TABLING DATA

		Overburden Drilling Management Limited – Laboratory Sample Log															
Sample Number	Field Processing	Weight (kg wet)			Sample Description											CLASS	Sample Material <sup>2</sup>
					Clasts (> 2.0 mm) <sup>1</sup>					Matrix (<2.0 mm)							
		Size	Percentage				Distribution				Colour						
			V/S	GR	LS	OT	S/U	SD	ST	CY	SD	CY					
		Bulk Rec'd	+2.0 mm Clasts	Table Feed													
15SUV001	wet sieved (<2.38 mm)	24.9	0.8	24.1	G	100	Tr	0	0	S	MC	-	N	LOC	NA	SAND + GRAVEL	SS
15SUV002	wet sieved (<2.38 mm)	22.4	4.3	18.1	P	100	Tr	0	0	S	MC	-	N	LOC	NA	SAND + GRAVEL	SS
15SUV003	wet sieved (<2.38 mm)	21.7	4.0	17.7	G	100	Tr	0	0	S	MC	-	N	LOC	NA	SAND + GRAVEL	SS
15SUV004	wet sieved (<2.38 mm)	27.9	2.5	25.4	G	100	Tr	0	0	S	MC	-	N	LOC	NA	SAND + GRAVEL	SS
15SUV005	wet sieved (<2.38 mm)	23.0	3.0	20.0	G	100	Tr	0	0	S	MC	-	N	LOC	NA	SAND + GRAVEL	SS
15SUV006	wet sieved (<2.38 mm)	22.4	2.2	20.2	G	100	Tr	0	0	S	MC	-	N	LOC	NA	SAND + GRAVEL	SS
15SUV008	bulk	26.5	17.5	9.0	C	100	Tr	0	0	S	FMC	Y	N	OC	NA	SAND + GRAVEL	SS
15SUV009	bulk	25.3	13.9	11.4	C	100	Tr	0	0	S	FMC	Y	N	OC	NA	SAND + GRAVEL	SS
15SUV010	wet sieved (<2.38 mm)	25.6	2.4	23.2	G	100	Tr	0	0	S	MC	-	N	OC	NA	SAND + GRAVEL	SS
15SUV014	wet sieved (<2.38 mm)	20.1	1.6	18.5	G	100	Tr	0	0	S	MC	-	N	OC	NA	SAND + GRAVEL	SS
15SUV015	bulk	24.2	16.0	8.2	C	100	Tr	0	0	S	FMC	Y	N	DOC	NA	SAND + GRAVEL	BF
15SUV018	bulk	21.9	11.0	10.9	P	100	Tr	0	0	S	FMC	Y	N	DOC	NA	SAND + GRAVEL	BF
15SUV019	bulk	27.3	14.1	13.2	P	95	Tr	5	0	S	MC	-	N	OC	NA	SAND + GRAVEL	BF
15SUV020	wet sieved (<2.38 mm)	24.0	2.4	21.6	G	95	5	0	0	S	MC	-	N	OC	NA	SAND + GRAVEL	SS
15SUV021	wet sieved (<2.38 mm)	23.2	2.0	21.2	G	100	Tr	0	0	S	MC	-	N	LOC	NA	SAND + GRAVEL	SS
15SUV022	bulk	23.9	3.8	20.1	P	100	Tr	0	0	U	-	+	+	LOC	LOC	TILL	T
15SUV023	bulk	21.9	3.1	18.8	P	100	Tr	0	0	U	-	+	+	LOC	LOC	TILL	T
15SUV024	dry sieved (<2.38 mm)	16.6	1.1	15.5	G	100	Tr	0	0	S	MC	-	N	DOC	NA	SAND + GRAVEL	GF
15SUV025	wet sieved (<2.38 mm)	19.6	1.5	18.1	G	100	Tr	0	0	S	MC	-	N	GY	NA	SAND + GRAVEL	SS
15SUV026	wet sieved (<2.38 mm)	19.9	1.8	18.1	G	100	Tr	0	0	S	MC	-	N	GY	NA	SAND + GRAVEL	SS
15SUV027	wet sieved (<2.38 mm)	22.0	2.5	19.5	G	100	Tr	0	0	S	C	-	N	GY	NA	SAND + GRAVEL	SS
15SUV028	bulk	25.4	17.5	7.9	C	100	Tr	0	0	S	MC	-	N	OC	NA	SAND + GRAVEL	BF
15SUV030	bulk	24.7	11.3	13.4	C	100	Tr	0	0	S	FMC	Y	N	OC	NA	SAND + GRAVEL	BF
15SUV031	wet sieved (<2.38 mm)	15.3	0.9	14.4	G	100	Tr	0	0	S	MC	N	N	LOC	NA	SAND + GRAVEL	SS
15SUV032	wet sieved (<2.38 mm)	19.6	1.3	18.3	G	100	Tr	0	0	U	Y	Y	Y	LOC	LOC	TILL	SS
15SUV033	wet sieved (<2.38 mm)	22.1	0.1	22.0	G	100	Tr	0	0	S	FM	Y	N	LOC	NA	SAND + SILT	SS
15SUV050	wet sieved (<2.38 mm)	22.0	2.8	19.2	G	100	Tr	0	0	S	MC	-	N	LOC	NA	SAND + GRAVEL	SS
15SUV051	dry sieved (<2.38 mm)	20.1	3.5	16.6	G	100	Tr	Tr	0	S	MC	-	N	LOC	NA	SAND + GRAVEL	SS
15SUV052	wet sieved (<2.38 mm)	30.2	3.4	26.8	G	100	Tr	Tr	0	S	MC	-	N	LOC	NA	SAND + GRAVEL	SS
15SUV053	wet sieved (<2.38 mm)	25.0	2.0	23.0	G	60	0	40	0	S	MC	-	N	LOC	NA	SAND + GRAVEL	SS
15SUV054	dry sieved (<2.38 mm)	18.7	2.7	16.0	C	30	Tr	70	0	U	Y	Y	Y	OC	OC	TILL	T
15SUV055*	wet sieved (<2.38 mm)	13.1	0.9	12.2	G	30	Tr	70	0	S	MC	N	N	LOC	NA	SAND + GRAVEL	SS
16SUV013	bulk	22.9	13.1	9.8	P	20	0	80	0	S	MC	-	N	LOC	NA	SAND + GRAVEL	GF
16SUV014	wet sieved (<2.38 mm)	21.3	2.3	19.0	G	30	0	70	0	S	MC	-	N	LOC	NA	SAND + GRAVEL	SS
16SUV015	wet sieved (<2.38 mm)	25.1	1.8	23.3	P	10	0	90	0	S	MC	-	N	LOC	NA	SAND + GRAVEL	SS
16SUV016	wet sieved (<2.38 mm)	21.4	1.6	19.8	P	20	0	80	0	S	FM	-	N	LOC	NA	SAND + GRAVEL	SS
16SUV017	bulk	26.6	20.4	6.2	P	80	0	Tr	20	S	MC	-	N	GB	NA	SAND + GRAVEL	GF
16SUV018	bulk	23.3	12.3	11.0	P	80	0	Tr	20	S	MC	-	N	GB	NA	SAND + GRAVEL	GF
16SUV019	bulk	15.1	1.0	14.1	P	30	Tr	40	30	S	-	+	Y	GB	GB	TILL	T
16SUV020	bulk	16.5	0.8	15.7	P	60	Tr	20	20	S	-	Y	+	GB	GB	TILL	T
16SUV022	bulk	23.2	0.1	23.1	P	100**	0	0	0	S	FM	-	N	GB	NA	SAND	R
16SUV023	bulk	26.2	15.0	11.2	P	40	0	10	50	S	FMC	-	N	OC	NA	SAND + GRAVEL	BF
16SUV024	dry sieved (<2.38 mm)	23.4	0.5	22.9	G	10	90	0	0	S	FM	-	N	GB	NA	SAND + GRAVEL	R
16SUV025	wet sieved (<2.38 mm)	23.7	2.0	21.7	G	10	Tr	20	70	S	MC	-	N	OC	NA	SAND + GRAVEL	SS
16SUV026	bulk	23.1	7.1	16.0	P	Tr	0	10	90	S	MC	-	N	OC	NA	SAND + GRAVEL	BF
16SUV027	wet sieved (<2.38 mm)	20.5	2.8	17.7	G	10	Tr	20	70	S	MC	-	N	OC	NA	SAND + GRAVEL	SS
16SUV028	wet sieved (<2.38 mm)	29.6	2.1	27.5	G	10	Tr	10	80	S	MC	-	N	OC	NA	SAND + GRAVEL	SS
16SUV030	wet sieved (<2.38 mm)	18.3	2.5	15.8	G	20	Tr	Tr	80	S	MC	-	N	OC	NA	SAND + GRAVEL	SS
Blanks																	
15SUV017	bulk	18.6	0.7	17.9	G	0	100	0	0	S	FM	-	N	OC	NA	SAND + GRAVEL	GF
15SUV029	bulk	16.6	2.8	13.8	P	10	90	Tr	0	U	+	Y	-	LOC	LOC	TILL	T
16SUV021	bulk	16.6	2.3	14.3	P	0	50	20	20	S	Y	Y	-	OC	OC	TILL	T
16SUV029	bulk	17.2	0.8	16.4	G	0	100	0	0	S	MC	-	N	OC	NA	SAND	GF

Note, abbreviations used in the table are defined in the final data table tab; shading identifies Beaufort Fm. samples

<sup>1</sup>V/S=volcanics and/or sediments, GR=granite, LS=limestone and carbonates, OT=red & buff Proterozoic sediments.

<sup>2</sup>Sample Material: BF=Beaufort Formation, GF=glaciofluvial, R=bedrock, SS=stream sediment, T=till

\*sample 15SUV055 is a field duplicate of 15SUV031

\*\*Limonite cemented silica sand.

Shading identifies Beaufort Formation samples.