

- G3711 - In the middle of a large worked area, ~ 50 m west of the garage. RRMC tag # 26.
- Sand and stones; hydrocarbon odour.
 - No vegetation was present in the sampling area.
 - 68° 43.852' N, 68° 35.459' W.
- G3712 - Light stain at upper end of drainage path leading to G3711 (worked area). ~ 30 m west of the garage and 8 m west of 2 diesel fuel tanks. RRMC tag # 27.
- Sand, stones and some clay.
 - No vegetation was present in the sampling area.
 - 68° 43.868' N, 68° 35.439' W.
- G3713 - ~ 10 m south of gravel pad, below G3712, and 30 m southwest of the garage. RRMC tag # 28.
- Sand and stones.
 - No vegetation was sampled.
 - Vegetation present: species of moss.
 - 68° 43.852' N, 68° 35.428' W.
- G3714 - In drainage path down from the landfill area, ~ 50 m south of the garage. RRMC tag # 31.
- Sand.
 - No vegetation was sampled.
 - Vegetation present: species of moss.
 - 68° 43.809' N, 68° 35.402' W.
- G3715 - Stained area in drainage path from landfill and gravel pad. Stain originated in the landfill. ~ 100 m south of the garage, southwest of the POL tanks. RRMC tag # 32.
- Sand and stones.

- No vegetation was sampled.
 - Vegetation present: species of moss and lichen.
 - 68° 43.830' N, 68° 35.416' W.
- G3716
- Stain, ~ 15 m east of a barrel pile which contained 170+ barrels. 2 m from remnants of storage shed (metal walls, wood frame). RRM tag # 33.
 - Sand and stones; strong hydrocarbon odour.
 - No vegetation present in the sampling area.
 - No GPS coordinates were taken.
- G3717A
- At the southeast corner of the pump house between the POL tanks, on the POL berm. Both of the POL tanks were empty of fuel but contained ~ 5 m of water. Some barrels were observed in the around the POL tank area. RRM tag # 34.
 - Sand; some hydrocarbon odour.
 - No vegetation was present in the sampling area.
 - 68° 43.857' N, 68° 35.250' W.
- G3717B
- Field duplicate of G3717A.
- G3718
- Drainage area from POL tank pad. ~ 20 m south of the pad, in line with the eastern most tank. This small catchment area was located about 8 m above the road. Some metal cable and bits of other debris were observed scattered about the area. RRM tag # 35.
 - Sand and crushed stones with rocks and boulders underneath.
 - No vegetation was sampled.
 - Vegetation present: species of lichen.
 - 68° 43.835' N, 68° 35.236' W.

- G3719
- 1 m from the south side of the remnants of the Inuit house. A lot of domestic garbage was noted in the area including wood, nails, beds and bed stuffing, plastic, glass, kitchen equipment and utensils. RRMC tag # 36.
 - Sand and stones; moss and a black lichen on the surface.
 - No vegetation was sampled.
 - Vegetation present: species of grass, moss and lichen.
 - 68° 43.820' N, 68° 35.124' W.
- G3720
- Drainage path, approximately 30 m south of the Inuit house, down slope. A lot of debris was noted on the side of the hill including 2 barrels, metal cupboards, a bed and a variety of other wood and metal debris. No marker was placed.
 - Sand and rocks.
 - No vegetation was sampled.
 - Vegetation present: species of grass and moss.
 - 68° 43.845' N, 68° 35.985' W.
- G3721
- Stain (14 m x 3 m), extends down the side of the hill. Approximately 60 m east of the Inuit house, 30 m south of a gravel crusher. There were 24 barrels in the immediate vicinity, some of which were sealed and contained product. RRMC tag # 72.
 - Sand and stones; hydrocarbon odour.
 - No vegetation was present in the sampling area.
 - 68° 43.826' N, 68° 35.030' W.
- G3722
- Stain, sampled at base of stain, ~ 10 m from barrel where stain originated. Located on the north side of the module train, over the cliff. RRMC tag # 78.
 - Sand and stones.
 - No vegetation was sampled

- Vegetation present: species of moss.
- No GPS coordinates were taken.

- G3723
- Series of stains west and northwest of the module train. The stains continue down slope from the station pad to the next plateau. The sample was collected below the stained area, down slope west of the module train. Debris present included barrels, 15 fuel filters and metal. RRMC tag # 79.
 - Fine sand and stones.
 - Black oily substance; strong hydrocarbon odour.
 - No vegetation was present in the sampling area.
 - No GPS coordinates were taken.

A Quonset hut was located 0.5 km southeast of the operations site, down the road on the way to the beaching area. The hut was full of building materials, metal sheets, large rubberized metal, snow fencing, equipment, machinery, duct piping, plywood, etc. A large drainage course created by snow melt was flowing through the hut. The entire southeast face of the hill was covered with barrels, many of which were covered with snow and therefore could not be counted.

- G3724
- Along the road down to the beaching area, approximately 0.5 km southeast of the upper site and 8 m south of an old Quonset hut. 400+ barrels in a pile above the sampling area and 100+ barrels within 150 m of the sampling location. Hundreds of barrels were observed all over the hillside. A variety of wood and metal debris was observed in the vicinity. RRMC tag # 60.
 - Sand, silt and rocks.
 - No vegetation was present in the sampling area.
 - No GPS coordinates were taken.

3 Area B: Outfall

The sewage outfall area extended in a north from the module train down the cliff face. The outfall pipe was not connected to the train and pieces of the pipe could be seen from the building down the cliff for about 15 m. The portion of the pipe closest to the module train was buried in a snow pile at the time of the site visit. The rest of the pipe has been removed or has broken off and gone down the cliff out of sight. Snow melt could be seen and heard in small rivulets running through and under the porous substrate of sand and stones, down over the cliff edge. Vegetation, as in all other areas at the upper site, was quite sparse.

- O3700
 - On the north side of the module train at the east end of the train. ~ 3 m from the staircase and 0.5 m from the outfall pipe. RRMC tag # 6.
 - Coarse sand, stones and pebbles with bits of moss.
 - No vegetation was sampled.
 - Vegetation present: species of moss.
 - No GPS coordinates were taken.

- O3701
 - Outfall drainage area, 15 m from the east end of the module train. Sample area was on a slightly sloped portion of the cliff face, < 1 m from the outfall pipe. Some rust colouration on the rocks in the area. Small metal debris (cans) present. RRMC tag # 7.
 - Coarse sand, pebbles, rocks with bits of moss.
 - No vegetation was sampled.
 - Vegetation present: species of moss.
 - No GPS coordinates were taken.

- O3702
 - ~ 15 m north of O3701, 30 m north of the module train, drainage depression. This part of the drainage area was about 15 m from the end of the remnants of the outfall pipe. Rocky terrain down cliff, rust colouration on the rock surfaces. Numerous snow patches around sample

location. Debris consisting of drums, metal containers, cans, pieces of pipe and wood, was evident on the cliff just above the sample location.

RRMC tag # 8

- Coarse sand and small pebbles; slight hydrocarbon odour present.
- No vegetation was present in the sampling area.
- No GPS coordinates were taken.

O3703 - On a flat ledge on the cliff face, ~ 25 m north of O3702 and 55 m north of the module train. Visible debris included wood, steel brackets, cans, pipes and glass. The sample was taken at the bottom of a large snow patch, ~ 10 m from a punctured barrel that had leaked an oily substance. RRMC tag # 9.

- Coarse sand, stones and pebbles.
- No vegetation was sampled.
- Vegetation present: species of moss.
- No GPS coordinates were taken.

O3704 - ~ 100 m north of module train, down cliff in outfall drainage area. 1.5 m from direct drainage path in a depression plateau of cliff face. Some metal debris, cans and barrels were in the area. RRMC tag # 11.

- Coarse sand and large stones.
- No vegetation was sampled.
- Vegetation present: species of moss.
- No GPS coordinates were taken.

4. Area C: Dumps

One dump is located in the area south of the garage. An extensively stained area was present beginning near the garage, extending down the station pad to the south, continuing south through the dump and on towards the POL tanks. The stain appeared to have been created from several sources including buried drums and waste oil containers.

The stain was black with a strong hydrocarbon odour. Samples L3700 - L3706 were collected in this stained area.

- L3700 - ~ 15 m south of the garage below the station pad. Debris present included clothing, metal, wires, nails, wood, paper, canvas and piping. Some rust coloured staining was also evident (from rusted barrels). RRMC tag # 12.
- Coarse sand and stones, some rocks.
 - No vegetation was present in the sampling area.
 - No GPS coordinates were taken.
- L3701 - ~ 8 m east of L3700, 15 m southeast of the garage. Debris included metal, stainless steel, rubber coated wires, sled, metal cables and wood. RRMC tag # 13.
- Coarse sand and stones.
 - No vegetation was present in the sampling area.
 - No GPS coordinates were taken.
- L3702 - 30 m southeast of the garage, 3 m west of a cache of small metal containers. Approximately 200 of these 10 gallon containers had a black tar-like substance which had spilled from them and migrated down the slope. Debris included wires, canvas, wood and metal. RRMC tag # 14.
- Gravel/crushed stones and sand. There was an orange-brown gooey coating on the soil surface and an oily sheen on the surface of the pooled water by the sample location.
 - No vegetation was present in the sampling area.
 - No GPS coordinates were taken.
- L3703A - 1 m from the 10 gallon container cache, on the south side. ~ 40 m southeast of the garage and 10 m southeast of L3702. Plastic debris was present in the area. RRMC tag # 15.

- Sand, stones and rocks.
 - No vegetation was present in the sampling area.
 - No GPS coordinates were taken.
- L3703B - Field duplicate of L3703A.
- L3704 - Level area down slope from 10 gallon container cache. 20 m west of L3703. Debris present included wood, paint brushes and other small pieces. RRM tag # 16.
- Sand, silt and stones. The soil was a muddy grey colour below the stained surface. An oily sheen was evident on the surface of a pool of water adjacent to the sampling location.
 - No vegetation was present in the sampling area.
 - No GPS coordinates were taken.
- L3705 - Stain (~ 4 m x 6 m), greater than 20 cm deep, oily odour. ~ 20 m southwest of the garage and 10 m down from the top of the gravel pad. RRM tag # 29.
- Sand and stones.
 - No vegetation was present in the sampling area.
 - No GPS coordinates were taken.
- L3706 - Surface stain in drainage path from the dump. ~ 40 m down from the top of the gravel pad, south of the garage. Sampled 1 m from the base of one of the concrete antenna support blocks. RRM tag # 30.
- Sand, hydrocarbon odour.
 - No vegetation present in the sampling area.
 - No GPS coordinates were taken.

- L3707
- In drainage coming from small dump ~ 35 m northeast of the Inuit house. The landfill appeared to contain barrels (four were visible) and a variety of wood and metal debris. RRMC tag # 75.
 - Sand and stones.
 - No vegetation present in the sampling area.
 - No GPS coordinates were taken.
- L3708
- In drainage below the dump, north of the module train on the edge of the gravel pad. ~ 30 m northwest of the train. Debris in the area included plastic, metal, cardboard, wood, cans, wires, piping, glass, metal strapping and barrel tops. RRMC tag # 76.
 - Sand and stones.
 - No vegetation was present in the sampling area.
 - No GPS coordinates were taken.
- L3709
- In drainage course from landfill, north of the module train. Some metal cans were present in the sampling area. RRMC tag # 77.
 - Sand and stones with moss on the surface.
 - No vegetation was sampled.
 - Vegetation present: species of moss.
 - No GPS coordinates were taken.

5. Area D: Beach

The cargo beaching area is located at the lower site. The two 75,700 litre POL tanks were still present and in relatively good condition. Both tanks were missing the front cover plates. The refueling pipeline was still connected and was supported by 14 barrels. There was a variety of debris on the tank pad including two drums, cable, some wood, an empty propane tank and an old stove, as well as 12 drums around the edge of the pad. The beaching area is on the south shore of the body of water known as Ekalugad Fjord. Kangok Fjord is located on the other side of the mountain from the beaching area.

- G3726
- Sampled by connection of POL intake pipe, 26.4 m from the beach front. RRMC tag # 37.
 - Some clay and silt (wet).
 - No vegetation was sampled. Vegetation was sparse at the sampling location.
 - Vegetation present: *Oxyria* sp., *Saxifraga oppositifolia*, *Carex* sp., *Poa* sp., species of moss and lichen.
 - 68° 44.598' N, 68° 39.080' W.
- G3727
- 29.3 m south of G3726, 27.4 m north of the POL tanks. 1 m to the side of the pipeline, beside the electrical cable. Some wooden boards and one of the metal cover plates to the POL tanks were present in the area. RRMC tag # 38.
 - Sand and small stones (wet).
 - No vegetation was sampled.
 - Vegetation present: *Carex* sp., *Oxyria* sp. and species of moss.
 - 68° 44.594' N, 68° 39.014' W.
- G3728
- Under intake valve of western situated POL tank. Some silver spray paint on the ground (from the tanks). RRMC tag # 39.
 - Coarse sand, stones and crushed stones, with finer sand underneath.
 - No vegetation was present in the sampling area.
 - 68° 44.583' N, 68° 39.030' W.

Just to the west of the beach POL tanks there was a vehicle and barrel dump area. 126 barrels were counted that were stacked or scattered along the beach front. Other items present included two batteries, pile of bed coils, cables, three diesel generators and parts, four oil and gas mix containers (plastic), one USAF dump truck, one bombardier, four snow plows, one cab for snow plows, numerous vehicle or generator filters, treads, metal plates, wood frames, three fire extinguishers, and various other wood and metal pieces.

- G3729 - 11.6 m from the water front, amongst the 126 barrels. RRMC tag # 40.
- Coarse sand and stones, some roots, with a black lichen on the surface.
 - Two Thayer's Gulls, three seals, Snow Goose and caribou droppings, caribou tracks and seal bones were all observed in the area.
 - No vegetation was sampled.
 - Vegetation present: *Carex* sp., *Trisetum* sp., *Saxifraga oppositifolia*, *Oxyria* sp., *Luzula* sp., species of seaweed, moss and lichen.
 - 68° 44.605' N, 68° 39.210' W.
- G3730 - ~ 6 m north of the vehicle pile. RRMC tag # 41.
- Clay, silt, some stones and some organic material. There was a black lichen covering the surface.
 - No vegetation was sampled.
 - Vegetation present: *Oxyria* sp., *Carex* sp., *Trisetum* sp., *Saxifraga oppositifolia*, *Luzula* sp., species of moss and lichen.
 - 68° 44.580' N, 68° 39.230' W.
- G3731 - ~ 30 m from water front and 20 m north of vehicle pile (down slope). 1 m beside drainage path from vehicle pile towards barrels at beach front. RRMC tag # 42.
- Brown sand (2 cm) on orange sand (2 cm) on grey clay.
 - No vegetation was sampled.
 - Vegetation present: *Salix* sp., *Carex* sp., *Trisetum* sp., species of moss and lichen.
 - 68° 44.583' N, 68° 39.232' W.

There was a large pile of approximately 600 barrels to the west of the POL tanks. The barrels were empty and had once contained diesel fuel. G3732-G3734 were all collected in the area of this barrel pile.

- G3732 - West end of the barrel pile. RRMC tag # 43.

- Clay with some sand, some roots present. A black lichen covered the surface of the soil.
 - *Salix arctica* was sampled.
 - Other vegetation present: *Polygonum* sp., *Papaver* sp., *Saxafraga oppositifolia*, *Carex* sp., species of moss and lichen.
- G3733
- In a drainage path from the barrel pile towards the beach. ~ 47 m to the water front and 12 m from the barrel pile. RRMC tag # 44.
 - Sand, silt and some small pebbles.
 - No vegetation was sampled.
 - Vegetation present: *Salix* sp., *Polygonum* sp., *Oxyria* sp., *Carex* sp., *Draba* sp., *Alopecurus* sp., species of mushroom, moss and lichen.
 - 68° 44.520' N, 68° 39.335' W.
- G3734A
- ~ 15 m north of the barrel pile and 15 m south of the beach front. RRMC tag # 45.
 - Clay, some small stones and some roots.
 - No vegetation was sampled.
 - Vegetation present: *Salix* sp., *Papaver* sp., *Polygonum* sp., *Festuca* sp., *Ranunculus* sp., *Saxifraga oppositifolia*, species of moss and lichen.
 - 68° 44.555' N, 68° 39.339' W.
- G3734B
- Field duplicate of G3734A.
- G3750
- ~ 1.5 km west of the beach POL tanks, at the mouth of a large river (result of snow melt). 13 barrels as well as other wood and metal debris were observed in the area. RRMC tag # 61.
 - Coarse sand.
 - No vegetation was present in the sampling area.
 - 68° 44.476' N, 68° 39.880' W.

6. Area E: Station Road Debris Piles

Road pile # 1 was located about 40 m west of the station road, at the bottom of the road close to the beaching area, just over 1 km west of the beach POL tanks. There were approximately 500 barrels in this dump site, some diesel fuel, lubricating oil and aviation gas. G3735-G3737 were collected in and around this debris site.

- G3735A - Sampled in the middle of the barrel pile. RRMC tag # 46.
- Clay with a black lichen on the surface. There were some specks of orange paint from the barrels mixed in with the soil.
 - Four Snow Buntings were observed.
 - No vegetation was sampled.
 - Vegetation present: *Festuca* sp., *Ranunculus* sp., *Saxifraga oppositifolia*, species moss and lichen.
 - 68° 44.333' N, 68° 39.715' W.
- G3735B - Field duplicate of G3735A.
- G3736 - 22 m north of the barrel pile, down a hill. RRMC tag # 47.
- Sand, some stones and roots with a black lichen on the surface.
 - *Salix* sp. was sampled.
 - Other vegetation present: *Saxifraga oppositifolia*, *Polygonum* sp., *Silene* sp., *Pedicularis* sp., *Festuca* sp., *Carex* sp., *Dryas* sp., *Cassiope* sp., *Cerastium* sp., species of moss and lichen
 - 68° 44.342' N, 68° 39.755' W.
- G3737 - 22 m south of the barrel pile, 5 m east of some caterpillar tracks. Debris present in the area includes parts of machinery, treads, bolts, coils, cables and some other metal pieces. Could have been a pallet line area or a storage area for machinery parts. RRMC tag # 48.
- Clay, some stones and roots.

- No vegetation was sampled.
- Vegetation present: *Festuca* sp.
- 68° 44.315' N, 68° 39.697' W.

Road pile # 2 was located in a level area ~ 1 km up the road from road pile # 1. There were 54 barrels, two generators, trailer, cement mixer, two bombardiers, one backhoe as well as other assorted metal debris

- G3739A
- Sample was taken in-between the vehicles. RRMC tag # 51.
 - Coarse, wet sand and clay with some small stones. Rust colour on the surface of the soil.
 - No vegetation was sampled.
 - Vegetation present: *Carex* sp., species of moss and lichen.
 - 68° 43.424' N, 68° 39.186' W.
- G3739B
- Field duplicate of G3739A.
- G3740
- Drainage course north of the road and dump # 2, feeds to Ekalugad Fjord. ~ 15 barrels were noted in the area of the sample. RRMC tag # 52.
 - Wet sand.
 - No vegetation was sampled.
 - Vegetation present: *Carex* sp., species of moss and lichen.
 - 68° 43.553' N, 68° 39.054' W.
- G3741
- ~ 40 m north of G3740. Up the bank of the drainage course north of the road. RRMC tag # 53.
 - Coarse, wet sand with small pebbles.
 - No vegetation was sampled.
 - Vegetation present: *Cassiope* sp., species of moss and lichen.
 - 68° 43.596' N, 68° 39.060' W.

7. Area F: Station Road to Water Lake

- G3742A - Approximately 500 diesel fuel barrels. Most have been punctured and it appears that they were drained at this location. Sample was taken in the middle of the barrel pile. RRM tag # 62.
- Sand with some humus, and a black lichen on the surface; a hydrocarbon odour was evident.
 - Caribou tracks were observed throughout the area.
 - No vegetation was sampled.
 - Vegetation present: *Salix* sp., *Carex* sp., species of moss and lichen.
 - 68° 43.479' N, 68° 39.873' W.
- G3742B - Field duplicate of G3742A.
- G3743 - South end of barrel pile. RRM tag # 63.
- Sand, crushed pebbles and humus, and a black lichen on the surface; strong hydrocarbon odour present.
 - No vegetation was sampled.
 - Vegetation present: *Salix arctica*, *Carex* sp., *Cassiope* sp., species of moss and lichen.
 - 68° 43.475' N, 68° 39.908' W.
- G3744 - Pile of wood to the east of large barrel pile. May have been a storage shed, or may just be a wood pile dump. Sampled on west side of the wood pile. RRM tag # 64.
- Coarse sand, orange colour, with pebbles and stones.
 - No vegetation was sampled.
 - Vegetation present: *Carex* sp.
 - 68° 43.496' N, 68° 39.651' W.

- G3745
- Barrel pile down steep hill towards river, ~ 400 m north of the previous barrel pile. About 75 barrels in pile down hill at base of a snow bank; several had rolled right down to the river. Approximately 100 more barrels visible at the top of the hill with lids cut off, and an unknown number buried under the snow and the sand. Sample was collected amongst the 75 barrels at the base of the hill. RRMC tag # 65.
 - Coarse to fine sand (orange to brown colour). A black lichen was on the surface.
 - No vegetation was sampled.
 - Vegetation present: *Carex* sp., species of moss and lichen.
 - 68° 43.607' N, 68° 39.085' W.

A variety of debris was observed around the water lake area including two cranes on wooden pallets, cables, tarps, treads, truck tires, axles, numerous drums, cans, old washer and dryer, approximately 10 fire extinguishers, as well as miscellaneous pieces of metal and wood scattered throughout the area. There were drums right down to the lake front and in the lake itself. The lake becomes deep very quickly, so it was not possible to determine how much, if any, debris had been deposited there.

- G3746A
- Drainage course from up the hill down towards the water lake. A variety of metal debris was noted throughout the drainage course (cans, cables, axles). RRMC tag # 66.
 - Sand and stones.
 - No vegetation was sampled.
 - Vegetation present: *Carex* sp., *Cassiope* sp., species of moss and lichen.
 - 68° 43.366' N, 68° 40.256' W.
- G3746B
- Field duplicate of G3746A.

- G3747
- Drainage course down hill to water lake. ~ 10 m from the lake front. Barrels, wood and metal debris were observed throughout this drainage course. RRMC tag # 67.
 - Sand and stones.
 - No vegetation was sampled.
 - Vegetation present: *Carex* sp., *Umbilicaria* sp., species of moss.
 - 68° 43.340' N, 68° 40.503' W.
- G3748
- Drainage course down to water lake, on the north side of the wooden hut present in the area. More than 30 barrels were visible in the drainage course as well as other metal and wood debris. There were most likely more barrels buried under the snow. RRMC tag # 68.
 - Sand, small pebbles, black lichen on the surface.
 - No vegetation was sampled.
 - Vegetation present: *Carex* sp., species of moss and lichen.
 - 68° 43.472' N, 68° 40.494' W.
- G3749
- Beside stack of about 10 drums, ~ 200 m from the lake front. Extensively stained area (very obvious) with a heavy hydrocarbon odour. RRMC tag # 69.
 - Sand and stones.
 - No vegetation was sampled.
 - Vegetation present: *Carex* sp. and species of moss.
 - 68° 43.315' N, 68° 40.301' W.

D. FOX-C Inorganic Element Results for Soil in Each Area of the Site

Sample	Cu	Ni	Co	Cd	Pb	Zn	Cr	As	Location
	ppm								
1. Freshwater Lake and Remote Background									
BF3700	13.6	11.3	<5.0	<1.0	<10	21	24	0.7	East end of winter water lake
G3725	7.0	<5.0	<5.0	<1.0	<10	8.3	<20	2.1	23 km west of FOX-C, river tributary
G3738A	13.6	<5.0	<5.0	<1.0	<10	12.9	<20	1.3	16 km west of FOX-C, edge of river bed
G3738B	8.8	<5.0	<5.0	<1.0	<10	16.6	<20	2.6	Field duplicate of G3738A
G3751A	17.9	17	7.8	<1.0	<10	42	41	0.9	7 km east of FOX-C, lowland area
G3751B	18.1	16	7.9	<1.0	<10	45	40	1.0	Field duplicate of G3751A
G3752A	28	24	9.5	<1.0	<10	50	53	0.6	13 km east of FOX-C, plateau above beach
G3752B	33	27	10.9	<1.0	<10	56	51	0.6	Field duplicate of G3752A
G3754A	9.2	8.2	<5.0	<1.0	<10	29	31	1.8	51 km west of FOX-C, on a slope
G3754B	9.1	8.0	<5.0	<1.0	<10	28	28	2.0	Field duplicate of G3754A
Mean (n=10)	15.8	11.9	5.1	0.5	5.0	31	30	1.4	
Std Dev	8.7	8.9	3.5	0	0	16.6	16.4	0.7	
Minimum	7.0	8.0	7.8	<1.0	<10	8.3	28	0.6	
Maximum	33	27	10.9	<1.0	<10	56	53	2.6	
2. Area A: Station Proximity									
G3700	19.7	16	5.3	<1.0	<10	39	30	0.9	~8 m from the east end of the module train
G3701	15.5	7.6	<5.0	1.4	<10	63	<20	5.1	South side of module train, back end of staircase
G3702	25	12.8	5.4	<1.0	20	72	26	1.4	South side of module train, front end of staircase
G3703	18.1	9.4	<5.0	<1.0	<10	11.8	<20	1.0	South side of module train, door at west end
G3704	29	10.7	5.7	<1.0	<10	316	<20	<0.2	West end of module train, back end of staircase
G3705	91	7.5	<5.0	<1.0	690	430	116	1.6	Stain, ~80 m north of module train, by barrel
G3706A	193	41	10.9	4.4	1060	1400	94	1.6	Stain, ~1.5 m east of the garage
G3706B	278	33	19.3	11	337	358	95	0.9	Field duplicate of G3706A
G3707	53	28	9.9	3.3	148	314	91	1.0	Stain, ~2 m west of the garage
G3708	23	20	7.7	<1.0	56	50	60	0.8	Stain, at edge of old shed, ~25 m NW of the garage
G3709	23	18.2	6.7	<1.0	14.4	35	39	0.9	Drainage, ~10 m south of G3708
G3710	17.6	14.6	6.7	<1.0	14.4	40	28	0.9	Drainage, ~4 m west of old shed
G3711	13.7	6.0	<5.0	<1.0	<10	28	29	1.6	Worked area, ~50 m west of the garage
G3712	16.3	11.5	<5.0	<1.0	<10	37	30	0.7	Upper end of drainage to G3711, ~30 m west of garage
G3713	14.4	10.2	<5.0	<1.0	<10	21	19.8	0.8	~10 m south of the station pad, below G3712
G3714	18.6	12.3	5.2	<1.0	36	2.7	35	1.3	Drainage from dump area, ~50 m south of garage
G3715	25	17	5.6	<1.0	21	42	37	1.7	Stain in drainage path from dump and station pad
G3716	24	10.7	<5.0	<1.0	130	195	32	0.7	Stain, ~15 m east of 170+ barrel pile
G3717A	23	<5.0	<5.0	1.0	<10	71	<20	1.2	Southeast corner of pumphouse, between POL tanks
G3717B	9.1	<5.0	<5.0	<1.0	<10	67	<20	1.5	Field duplicate of G3717A
G3718									Drainage, ~20 m south of POL tank pad
G3719	10	10.7	<5.0	<1.0	<10	39	29	0.6	South side of remnants of Inuit house
G3720	24	24	8.9	<1.0	<10	40	46	1.3	Drainage, ~30 m south of Inuit house

FOX-C Inorganic Element Results for Soil in Each Area of the Site (cont'd)

Sample	Cu	Ni	Co	Cd	Pb	Zn	Cr	As	Location
				ppm					

2. Area A: Station Proximity (cont'd)

G3721	34	25	8.7	<1.0	11.8	204	67	0.6	Stain, ~100 m east of Inuit house
G3722	14.6	12.7	<5.0	<1.0	<10	60	38	0.6	Stain, ~8 m from barrel
G3723	17	11.3	5.4	<1.0	22	148	30	0.9	Stained area, west and northwest of the module train
G3724	38	27	10.1	<1.0	<10	51	63	2.0	~0.5 km southeast of upper site, along road to beach
Mean (n=26)	19.4	12.8	4.5	0.5	19.7	72	32	1.0	
Std Dev	10.3	8.6	3.1	0.2	35	67	19.6	0.5	
Minimum	9.1	6.0	<5.0	<1.0	<10	2.7	<20	<0.2	
Maximum	278	41	19.3	11	1060	1400	116	5.1	

3. Area B: Outfall

O3700	9.6	9.5	<5.0	<1.0	<10	28	<20	0.7	North side of module train, ~0.5 m from outfall pipe
O3701	109	14.9	5.2	1.2	30	129	46	1.2	Drainage, ~15 m from the module train
O3702	27	10.5	<5.0	<1.0	22	79	26	0.9	Drainage depression, ~30 m north of the module train
O3703	50	11.9	5.2	1.2	16.4	97	46	0.9	Flat ledge on cliff face, ~55 m north of module train
O3704	30	9.4	<5.0	<1.0	<10	30	35	1.9	Depression plateau, ~100 m from module train
Mean (n=5)	45	11.2	5.2	1.2	23	73	38	1.1	
Std Dev	38	2.3	0	0	6.8	44	9.7	0.5	
Minimum	9.6	9.4	<5.0	<1.0	<10	28	<20	0.7	
Maximum	109	14.9	5.2	1.2	30	129	46	1.9	

4. Area C: Upper Site Dumps

L3700	40	21	7.1	<1.0	58	68	46	1.0	Stained area, ~15 m south of the garage
L3701	33	16.9	7.2	<1.0	70	146	56	0.5	Stained area, ~15 m southeast of the garage
L3702	19.9	12.2	<5.0	<1.0	31	63	29	0.8	Stained area, ~30 m southeast of the garage
L3703A	17.1	11.6	9.3	<1.0	52	47	28	1.0	Stained area, ~40 m southeast of the garage
L3703B	22	11.6	6.5	<1.0	43	44	27	0.7	Field duplicate of L3703A
L3704	30	13.2	<5.0	<1.0	57	143	29	0.6	Stained area, ~20 m west of L3703, south of garage
L3705	45	24	7.1	1.8	87	72	67	0.7	Stained area, ~20 m south of the garage
L3706	14.6	8.4	<5.0	<1.0	<10	29	24	1.1	Stain in drainage path, ~30 m south of the garage
L3707									Drainage from dump, ~20 m NE of the Inuit house
L3708	18.9	12.4	5.0	<1.0	44	231	41	0.6	Drainage from dump, ~30 m north of the module train
L3709	16.7	6.9	<5.0	<1.0	13.8	23	<20	0.4	Drainage from dump, north of the module train
Mean (n=10)	23	12.6	4.7	0.6	42	79	32	0.7	
Std Dev	12.7	6.6	2.9	0.4	27	68	19.3	0.3	
Minimum	14.6	6.9	<5.0	<1.0	<10	23	<20	0.4	
Maximum	45	24	9.3	1.8	87	231	67	1.1	

FOX-C Inorganic Element Results for Soil in Each Area of the Site (cont'd)

Sample	Cu	Ni	Co	Cd	Pb	Zn	Cr	As	Location
				ppm					

5. Area D: Beach

G3726	15.5	14.3	8.3	<1.0	<10	38	44	2.5	POL tank intake pipeline, 26.4 m from the beach
G3727	24	<5.0	<5.0	<1.0	<10	9.5	<20	1.4	27.4 m north of the POL tanks, along the pipeline
G3728	12.5	7.9	<5.0	<1.0	17.5	50	<20	1.5	Under intake valve of western situated POL tank
G3729	9.1	7.0	<5.0	<1.0	<10	25	26	1.6	Vehicle pile near POL tanks, 11.6 m from the shore
G3730	19.1	18.8	6.9	1.3	<10	52	59	2.4	~6 m north of the vehicle pile near the POL tanks
G3731	7.5	<5.0	<5.0	<1.0	<10	19.2	26	1.7	~20 m north of the vehicle pile, ~30 m from shore
G3732	22	25	8.3	<1.0	14.7	70	90	2.5	West end of 575+ barrel pile, west of POL tanks
G3733	5.8	6.3	<5.0	<1.0	11.7	22	27	1.7	In drainage path, 12 m west of the barrel pile
G3734A	22	26	10.9	<1.0	<10	61	79	1.2	Drainage, ~15 m north of 575+ barrel pile
G3734B	24	28	10.8	<1.0	<10	61	81	1.4	Field duplicate of G3734A
G3750									~1.5 km west of the POL tanks, mouth of a river
Mean (n=10)	16.2	13.8	5.8	0.6	7.9	41	45	1.8	
Std Dev	7.0	10	3.6	0.3	4.9	21	30	0.5	
Minimum	5.8	<5.0	<5.0	<1.0	<10	9.5	<20	1.2	
Maximum	24	28	10.9	1.3	17.5	70	90	2.5	

6. Area E: Station Road Debris Piles

G3735A	27	32	13	<1.0	25	74	92	1.6	Road pile #1. 500+ barrel pile, ~40 m west of road
G3735B	30	32	12.8	<1.0	17.3	73	93	1.6	Field duplicate of G3735A
G3736	9.6	7.9	<5.0	<1.0	<10	18.4	24	1.9	22 m north of 500+ barrel pile
G3737									22 m south of 500+ barrel pile
G3739A	13.8	8.0	<5.0	<1.0	<10	30	25	1.1	Road pile #2 - adjacent to vehicles
G3739B	22	12.8	5.6	<1.0	<10	37	39	0.8	Field duplicate of G3739A
G3740									Drainage course, north of dump site
G3741									On bank of drainage course, ~40 m north of G3740
Mean (n=5)	17.1	15.5	6.1	0.4	9.6	39	46	1.2	
Std Dev	11.4	13.5	5.6	0.2	9.5	30	39	0.7	
Minimum	9.6	7.9	<5.0	<1.0	<10	18.4	24	0.8	
Maximum	30	32	13	<1.0	25	74	93	1.9	

7. Area F: Station Road to Water Lake

G3742A	7.5	<5.0	<5.0	<1.0	22	27	<20	0.9	In the middle of a 450+ diesel fuel barrel pile
G3742B	8.4	<5.0	<5.0	<1.0	22	46	<20	0.9	Field duplicate of G3742A
G3743	9.3	<5.0	<5.0	<1.0	23	20	<20	1.7	South end of 450+ barrel pile
G3744	13.5	6.3	<5.0	<1.0	<10	16	27	2.0	Wood pile dump, east of 450+ barrel pile