

Appendix C Waste Rock Production Summary Fourth Quarter 2012



Waste Rock Production Summary

Production Month October 2012

Waste Type: Construction Waste

Formation: Ikalukrok

Stockpile Use:	Tonnes	Avg. Zinc	Avg. Iron	Avg. Lead
Shelly Creek Ramp	6,150	3.3%	1.8%	1.9%

Stockpile Use:	Tonnes	Avg. Zinc	Avg. Iron	Avg. Lead
Crusher Pad	82	1.2%	2.2%	1.0%

Waste Type Subtotal: 6,232

Waste Type: Most Reactive Waste

Formation: Ikalukrok

Stockpile Use:	Tonnes	Avg. Zinc	Avg. Iron	Avg. Lead
Shelly Creek Ramp	1,804	8.3%	4.6%	4.2%

Stockpile Use:	Tonnes	Avg. Zinc	Avg. Iron	Avg. Lead
Main Pit Dump 2	246	7.9%	2.2%	3.0%

Stockpile Use:	Tonnes	Avg. Zinc	Avg. Iron	Avg. Lead
South East Access	8,528	3.9%	7.0%	1.0%

Stockpile Use:	Tonnes	Avg. Zinc	Avg. Iron	Avg. Lead
Main pit dump 4	1,312	5.8%	7.1%	0.3%

Formation: kayak

Stockpile Use:	Tonnes	Avg. Zinc	Avg. Iron	Avg. Lead
South East Access	6,314	0.3%	5.4%	0.1%

Formation: Mixed

Stockpile Use:	Tonnes	Avg. Zinc	Avg. Iron	Avg. Lead
Main Waste Dump	24,108	3.5%	7.5%	0.5%

Stockpile Use:	Tonnes	Avg. Zinc	Avg. Iron	Avg. Lead
Main pit dump 4	12,956	3.0%	7.2%	0.4%

Stockpile Use:	Tonnes	Avg. Zinc	Avg. Iron	Avg. Lead
South East Access	2,952	3.5%	7.5%	0.5%

Stockpile Use:	Tonnes	Avg. Zinc	Avg. Iron	Avg. Lead
Main Pit Dump 2	41,000	0.5%	5.5%	0.1%

Formation: Okpikruak

Stockpile Use:	Tonnes	Avg. Zinc	Avg. Iron	Avg. Lead
Main pit dump 4	12,710	0.2%	5.4%	0.1%

Stockpile Use:	Tonnes	Avg. Zinc	Avg. Iron	Avg. Lead
Main Pit Dump 2	3,116	0.2%	5.4%	0.1%

Stockpile Use:	Tonnes	Avg. Zinc	Avg. Iron	Avg. Lead
Main Waste Dump	62,648	0.2%	5.4%	0.1%

Stockpile Use:	Tonnes	Avg. Zinc	Avg. Iron	Avg. Lead
?	410	0.2%	5.4%	0.1%

Waste Type Subtotal: 178,104

Waste Type:**Other Waste****Formation:** Ikalukrok

Stockpile Use:	Tonnes	Avg. Zinc	Avg. Iron	Avg. Lead
South East Access	44,116	2.1%	2.4%	1.3%
Stockpile Use:	Tonnes	Avg. Zinc	Avg. Iron	Avg. Lead
Main Waste Dump	51,742	3.0%	1.5%	1.9%
Stockpile Use:	Tonnes	Avg. Zinc	Avg. Iron	Avg. Lead
SOUTH EAST PIT	28,782	2.7%	2.2%	1.5%
Stockpile Use:	Tonnes	Avg. Zinc	Avg. Iron	Avg. Lead
Main pit dump 4	28,372	2.6%	1.5%	1.8%
Stockpile Use:	Tonnes	Avg. Zinc	Avg. Iron	Avg. Lead
Main Pit Dump 3	1,886	2.4%	0.9%	1.7%
Stockpile Use:	Tonnes	Avg. Zinc	Avg. Iron	Avg. Lead
Shelly Creek Ramp	15,252	3.2%	1.6%	1.9%
Stockpile Use:	Tonnes	Avg. Zinc	Avg. Iron	Avg. Lead
Main Pit Dump 2	49,446	3.2%	1.9%	1.9%

Formation: Intrusive

Stockpile Use:	Tonnes	Avg. Zinc	Avg. Iron	Avg. Lead
Main pit dump 4	5,904	0.2%	3.9%	0.3%
Stockpile Use:	Tonnes	Avg. Zinc	Avg. Iron	Avg. Lead
South East Access	3,034	0.2%	3.9%	0.3%
Stockpile Use:	Tonnes	Avg. Zinc	Avg. Iron	Avg. Lead
Main Pit Dump 2	1,394	0.2%	3.9%	0.3%

Formation: kayak

Stockpile Use:	Tonnes	Avg. Zinc	Avg. Iron	Avg. Lead
South East Access	7,872	0.2%	3.9%	0.3%
Stockpile Use:	Tonnes	Avg. Zinc	Avg. Iron	Avg. Lead
Main Waste Dump	37,720	0.2%	3.1%	0.3%

Formation: Mixed

Stockpile Use:	Tonnes	Avg. Zinc	Avg. Iron	Avg. Lead
Main Pit Dump 3	2,378	0.2%	4.7%	0.2%
Stockpile Use:	Tonnes	Avg. Zinc	Avg. Iron	Avg. Lead
Main pit dump 4	58,630	1.3%	3.9%	0.9%
Stockpile Use:	Tonnes	Avg. Zinc	Avg. Iron	Avg. Lead
South East Access	15,334	0.2%	4.7%	0.2%
Stockpile Use:	Tonnes	Avg. Zinc	Avg. Iron	Avg. Lead
Main Waste Dump	55,514	1.0%	4.1%	0.6%
Stockpile Use:	Tonnes	Avg. Zinc	Avg. Iron	Avg. Lead
Main Pit Dump 2	18,204	1.5%	3.2%	1.0%

Formation: Okpikruak

Stockpile Use:	Tonnes	Avg. Zinc	Avg. Iron	Avg. Lead
Main Waste Dump	13,448	0.1%	4.2%	0.3%
Stockpile Use:	Tonnes	Avg. Zinc	Avg. Iron	Avg. Lead
Main pit dump 4	27,060	0.1%	4.2%	0.3%

Formation: Siksikpuk

Stockpile Use:	Tonnes	Avg. Zinc	Avg. Iron	Avg. Lead
Main pit dump 4	29,028	0.4%	3.9%	0.5%
Stockpile Use:	Tonnes	Avg. Zinc	Avg. Iron	Avg. Lead
South East Access	79,540	0.3%	4.5%	0.3%
Stockpile Use:	Tonnes	Avg. Zinc	Avg. Iron	Avg. Lead

Landfill @MWD	984	0.3%	4.5%	0.3%
Stockpile Use:	Tonnes	Avg. Zinc	Avg. Iron	Avg. Lead
Main Pit Dump 3	574	0.6%	3.2%	0.8%
Stockpile Use:	Tonnes	Avg. Zinc	Avg. Iron	Avg. Lead
Main Pit Dump 2	3,034	0.6%	3.2%	0.8%
Stockpile Use:	Tonnes	Avg. Zinc	Avg. Iron	Avg. Lead
Main Waste Dump	18,286	0.6%	3.2%	0.8%
Waste Type Subtotal:	597,534			
Total tonnes for month:	781,870			

Production Month November 2012

Waste Type: Construction Waste

Formation: Ikalukrok				
Stockpile Use: ARD	Tonnes 246	Avg. Zinc 3.3%	Avg. Iron 1.8%	Avg. Lead 1.9%
Stockpile Use: SOUTH EAST PIT	Tonnes 4,756	Avg. Zinc 0.2%	Avg. Iron 0.7%	Avg. Lead 0.4%
Stockpile Use: Tailings pipe bench	Tonnes 15,662	Avg. Zinc 4.2%	Avg. Iron 1.4%	Avg. Lead 2.0%
Formation: kayak				
Stockpile Use: SOUTH EAST PIT	Tonnes 13,940	Avg. Zinc 0.2%	Avg. Iron 2.3%	Avg. Lead 0.2%
Stockpile Use: Main Waste Dump	Tonnes 20,090	Avg. Zinc 0.2%	Avg. Iron 2.3%	Avg. Lead 0.2%
Stockpile Use: Tailings pipe bench	Tonnes 5,494	Avg. Zinc 0.4%	Avg. Iron 3.0%	Avg. Lead 0.3%
Formation: Siksikpuk				
Stockpile Use: Tailings pipe bench	Tonnes 12,382	Avg. Zinc 0.4%	Avg. Iron 4.6%	Avg. Lead 0.4%
Waste Type Subtotal:	72,570			

Waste Type: Most Reactive Waste

Formation: Ikalukrok				
Stockpile Use: SOUTH EAST PIT	Tonnes 70,274	Avg. Zinc 2.0%	Avg. Iron 4.9%	Avg. Lead 0.9%
Formation: kayak				
Stockpile Use: SOUTH EAST PIT	Tonnes 12,792	Avg. Zinc 3.5%	Avg. Iron 7.5%	Avg. Lead 0.5%
Formation: Mixed				
Stockpile Use: SOUTH EAST PIT	Tonnes 13,448	Avg. Zinc 3.1%	Avg. Iron 7.3%	Avg. Lead 0.4%
Stockpile Use: South Pit Dump	Tonnes 410	Avg. Zinc 3.5%	Avg. Iron 7.5%	Avg. Lead 0.5%
Formation: Okpikruak				
Stockpile Use: SOUTH EAST PIT	Tonnes 13,038	Avg. Zinc 1.5%	Avg. Iron 5.3%	Avg. Lead 0.5%
Formation: Siksikpuk				
Stockpile Use: SOUTH EAST PIT	Tonnes 9,922	Avg. Zinc 0.1%	Avg. Iron 5.4%	Avg. Lead 0.2%
Waste Type Subtotal:	119,884			

Waste Type: Other Waste

Formation: Ikalukrok				
Stockpile Use: Main Waste Dump	Tonnes 6,396	Avg. Zinc 1.9%	Avg. Iron 4.1%	Avg. Lead 0.6%
Stockpile Use: Landfill @MWD	Tonnes 2,214	Avg. Zinc 1.9%	Avg. Iron 3.4%	Avg. Lead 1.1%
Stockpile Use: SOUTH EAST PIT	Tonnes 180,234	Avg. Zinc 2.4%	Avg. Iron 2.6%	Avg. Lead 1.3%

Stockpile Use:	Tonnes	Avg. Zinc	Avg. Iron	Avg. Lead
South Pit Dump	22,058	3.9%	1.1%	2.1%
Formation: kayak				
Stockpile Use:	Tonnes	Avg. Zinc	Avg. Iron	Avg. Lead
SOUTH EAST PIT	53,464	0.4%	3.2%	0.3%
Stockpile Use:	Tonnes	Avg. Zinc	Avg. Iron	Avg. Lead
Main Waste Dump	24,272	0.4%	3.1%	0.3%
Formation: Mixed				
Stockpile Use:	Tonnes	Avg. Zinc	Avg. Iron	Avg. Lead
SOUTH EAST PIT	44,675	1.0%	3.3%	0.7%
Formation: Siksikpuk				
Stockpile Use:	Tonnes	Avg. Zinc	Avg. Iron	Avg. Lead
SOUTH EAST PIT	212,298	0.5%	4.2%	0.5%
Waste Type Subtotal:	545,611			
Total tonnes for month:	738,065			

Production Month December 2012

Waste Type: Construction Waste

Formation: Ikalukrok

Stockpile Use:

?

Tonnes	Avg. Zinc	Avg. Iron	Avg. Lead
902	3.0%	1.6%	1.9%

Stockpile Use:

SOUTH EAST PIT

Tonnes	Avg. Zinc	Avg. Iron	Avg. Lead
1,558	0.2%	0.7%	0.4%

Formation: Mixed

Stockpile Use:

Tonnes	Avg. Zinc	Avg. Iron	Avg. Lead
328	1.4%	2.9%	0.8%

Waste Type Subtotal:

2,788

Waste Type: Most Reactive Waste

Formation: Ikalukrok

Stockpile Use:

Landfill @MWD

Tonnes	Avg. Zinc	Avg. Iron	Avg. Lead
82	2.3%	6.6%	0.0%

Stockpile Use:

Main pit dump 4

Tonnes	Avg. Zinc	Avg. Iron	Avg. Lead
9,020	2.0%	9.8%	0.2%

Stockpile Use:

SOUTH EAST PIT

Tonnes	Avg. Zinc	Avg. Iron	Avg. Lead
20,254	2.9%	7.1%	0.8%

Stockpile Use:

SEPR

Tonnes	Avg. Zinc	Avg. Iron	Avg. Lead
10,168	2.3%	9.1%	0.4%

Formation: kayak

Stockpile Use:

Main Waste Dump

Tonnes	Avg. Zinc	Avg. Iron	Avg. Lead
246	0.8%	4.8%	0.3%

Formation: Mixed

Stockpile Use:

SEPR

Tonnes	Avg. Zinc	Avg. Iron	Avg. Lead
19,516	1.6%	5.5%	0.5%

Stockpile Use:

SOUTH EAST PIT

Tonnes	Avg. Zinc	Avg. Iron	Avg. Lead
15,990	1.7%	5.9%	0.2%

Stockpile Use:

Main Waste Dump

Tonnes	Avg. Zinc	Avg. Iron	Avg. Lead
164	2.6%	7.0%	0.2%

Stockpile Use:

Main Pit Dump 3

Tonnes	Avg. Zinc	Avg. Iron	Avg. Lead
8,036	2.6%	7.0%	0.2%

Formation: Okpikruak

Stockpile Use:

Landfill @MWD

Tonnes	Avg. Zinc	Avg. Iron	Avg. Lead
492	2.6%	7.0%	0.2%

Stockpile Use:

SOUTH EAST PIT

Tonnes	Avg. Zinc	Avg. Iron	Avg. Lead
7,708	3.3%	6.9%	0.9%

Formation: otuk

Stockpile Use:

SOUTH EAST PIT

Tonnes	Avg. Zinc	Avg. Iron	Avg. Lead
656	0.1%	5.9%	0.1%

Stockpile Use:

Main Waste Dump

Tonnes	Avg. Zinc	Avg. Iron	Avg. Lead
33,948	0.1%	5.9%	0.1%

Formation: Siksikpuk

Stockpile Use:

Main Waste Dump

Tonnes	Avg. Zinc	Avg. Iron	Avg. Lead
17,548	0.8%	4.8%	0.3%

Stockpile Use:

SOUTH EAST PIT

Tonnes	Avg. Zinc	Avg. Iron	Avg. Lead
65,764	0.7%	5.1%	0.2%

Stockpile Use:	Tonnes	Avg. Zinc	Avg. Iron	Avg. Lead
Main Pit Dump 3	1,312	0.8%	4.8%	0.3%
Waste Type Subtotal:	210,904			
Waste Type: Other Waste				
Formation: Ikalukrok				
Stockpile Use:	Tonnes	Avg. Zinc	Avg. Iron	Avg. Lead
SEPR	20,090	3.2%	1.3%	1.7%
Stockpile Use:	Tonnes	Avg. Zinc	Avg. Iron	Avg. Lead
Main Pit Dump 3	4,018	1.8%	2.0%	1.0%
Stockpile Use:	Tonnes	Avg. Zinc	Avg. Iron	Avg. Lead
Landfill @MWD	492	2.7%	1.4%	2.2%
Stockpile Use:	Tonnes	Avg. Zinc	Avg. Iron	Avg. Lead
Main pit dump 4	24,108	3.8%	1.6%	2.0%
Stockpile Use:	Tonnes	Avg. Zinc	Avg. Iron	Avg. Lead
SOUTH EAST PIT	188,190	2.9%	1.5%	1.8%
Formation: kayak				
Stockpile Use:	Tonnes	Avg. Zinc	Avg. Iron	Avg. Lead
Main Waste Dump	57,318	0.3%	3.8%	0.3%
Formation: Kivalina				
Stockpile Use:	Tonnes	Avg. Zinc	Avg. Iron	Avg. Lead
Main Waste Dump	20,008	0.1%	4.0%	0.3%
Formation: Mixed				
Stockpile Use:	Tonnes	Avg. Zinc	Avg. Iron	Avg. Lead
Main pit dump 4	574	0.3%	3.8%	0.3%
Stockpile Use:	Tonnes	Avg. Zinc	Avg. Iron	Avg. Lead
SOUTH EAST PIT	200,162	0.9%	3.3%	0.7%
Stockpile Use:	Tonnes	Avg. Zinc	Avg. Iron	Avg. Lead
SEPR	4,838	0.3%	3.8%	0.3%
Formation: Siksikpuk				
Stockpile Use:	Tonnes	Avg. Zinc	Avg. Iron	Avg. Lead
Main Pit Dump 3	5,986	0.1%	4.6%	0.2%
Stockpile Use:	Tonnes	Avg. Zinc	Avg. Iron	Avg. Lead
Landfill @MWD	738	0.3%	4.2%	0.4%
Stockpile Use:	Tonnes	Avg. Zinc	Avg. Iron	Avg. Lead
SOUTH EAST PIT	84,870	0.4%	4.1%	0.4%
Stockpile Use:	Tonnes	Avg. Zinc	Avg. Iron	Avg. Lead
Main Waste Dump	1,230	1.0%	1.0%	2.0%
Waste Type Subtotal:	612,622			
Total tonnes for month:	826,314			