

## **Teck**

## Quarterly Waste Rock Production Report

i i dauctioni i vioniti januar y 2010	Production	Month	January	2016
---------------------------------------	------------	-------	---------	------

Waste Type:	Cover Material	<u>Tonnes</u>	Avg Zn%	Avg Fe%	Avg Pb%
Forma	tion: Kayak				
1011114	Placed Location				
	North Oxide	101,772	0.00%	1.96%	0.03%
	Waste Type Subtotal	101,772	0.0070	1.5070	0.0370
Marks Tones		-		,	
Waste Type:		<u>Tonnes</u>	Avg Zn%	Avg Fe%	Avg Pb%
Forma	tion: Mixed				
	Placed Location				
	Oxide East	5,444	1.90%	5.20%	0.60%
	Placed Location				
	PAC Dump	17,394	1.90%	5.20%	0.60%
Forma	tion: Siksikpuk				
	Placed Location				
	Oxide East	54,616	0.10%	6.90%	0.10%
	Placed Location				
	PAC Dump	22,002	0.70%	6.71%	0.21%
	Waste Type Subtotal	99,456			
Waste Type:	Other Waste	<u>Tonnes</u>	Avg Zn%	Avg Fe%	Avg Pb%
Forma	tion: Ikalukrok				
	Placed Location				
	Marginal Ore Stockpile	52,738	4.55%	1.21%	2.55%
	Placed Location				
	Oxide East	190,553	2.50%	1.56%	1.40%
	Placed Location				
	PAC Dump	97,132	2.73%	0.98%	1.74%
	Placed Location	0.452	1 200/	2.400/	0.450/
Гонно	West Spur Dump	8,153	1.30%	3.48%	0.45%
Forma	tion: Intrusive				
	Placed Location	42.444	0.000/	2.000/	0.000/
F	Oxide East	13,144	0.00%	2.00%	0.00%
Forma	tion: Kayak				
	Placed Location				
	Oxide East	50,479	1.37%	1.98%	0.95%
	Placed Location	27.404	4.220/	4.020/	0.750/
	PAC Dump  Placed Location	37,404	1.23%	1.92%	0.75%
	West Spur Dump	15,074	1.40%	2.00%	1.00%
Earma	tion: Kivalina	13,074	1.40%	2.0070	1.00%
FUIIIIa					
	Placed Location	2 106	2 500/	1 500/	1 500/
	Oxide East Placed Location	3,196	2.50%	1.50%	1.50%
	West Spur Dump	2,658	2.50%	1.50%	1.50%
Formo	tion: Siksikpuk	2,038	2.30%	1.30/0	1.50%
FUIIIIa	•				
	Placed Location	12 652	1 470/	/L COO/	0.450/
	PAC Dump  Placed Location	13,652	1.47%	4.08%	0.45%
	Oxide East	10,590	1.47%	4.08%	0.45%
	Waste Type Subtotal	494,773	1.47/0	4.00/0	0.43/0
	- vaste Type Subtotal	7,7,773	_		

**Total tonnes for month** 

696,001

oduction Month February 2016					
Waste Type: Cover Material	<u>Tonnes</u>	Avg Zn%	Avg Fe%	Avg Pb%	
Formation: Kayak					
Placed Location					
North Oxide	8,402	0.00%	1.60%	0.10%	
Waste Type Subtotal	8,402				
Waste Type: Most Reactive Waste	<u>Tonnes</u>	Avg Zn%	Avg Fe%	Avg Pb%	
Formation: Ikalukrok					
Placed Location					
PAC Dump	20,289	3.53%	3.99%	1.96%	
Placed Location	,				
West Spur Dump	4,692	3.10%	3.90%	1.90%	
Placed Location					
West Tailings	11,856	3.10%	3.90%	1.90%	
Waste Type Subtotal	36,837				_
Waste Type: Other Waste	<u>Tonnes</u>	Avg Zn%	Avg Fe%	Avg Pb%	
Formation: Ikalukrok					
Placed Location					
West Spur Dump	126,209	1.32%	2.99%	0.93%	
Placed Location	,				
Crusher Pad	386	1.50%	1.00%	2.60%	
Placed Location					
Main Dam	3,316	1.50%	1.00%	2.60%	
Placed Location					
Main Pit Dump 3	79	1.50%	1.00%	2.60%	
Placed Location					
Marginal Ore Stockpile	39,213	3.64%	1.26%	2.76%	
Placed Location					
North Bank	942	0.70%	3.70%	0.10%	
Placed Location					
Oxide East	20,599	1.70%	2.04%	1.33%	
Placed Location					
PAC Dump	329,802	1.59%	2.29%	1.34%	
Formation: Kayak					
Placed Location					
PAC Dump	847	1.40%	2.00%	1.00%	
Formation: Mixed					
Placed Location					
Main Pit Dump 3	41,455	0.81%	1.31%	2.49%	
Placed Location					
West Spur Dump	63,111	1.11%	1.03%	3.41%	
Formation: Siksikpuk					
Placed Location					
Oxide East	9,433	0.50%	3.60%	0.10%	
Placed Location	•				
PAC Dump	80,146	0.41%	3.49%	0.10%	
Placed Location					
	78,453	0.27%	2.93%	0.23%	_

Total tonnes for month 839,230

duction Month	March 2016				
Waste Type:	Cover Material	<u>Tonnes</u>	Avg Zn%	Avg Fe%	Avg Pb%
Forma	tion: Kivalina				
	Placed Location				
	North Oxide	10,432	0.00%	2.10%	0.00%
	Placed Location				
	North Oxide East	3,675	0.00%	1.80%	0.00%
	Waste Type Subtotal	14,107			
Waste Type:	Most Reactive Waste	<u>Tonnes</u>	Avg Zn%	Avg Fe%	Avg Pb%
Forma	tion: Ikalukrok				
	Placed Location				
	Marginal Ore Stockpile	1,767	5.50%	2.90%	3.00%
	Placed Location				
	West Tailings	18,337	3.06%	3.91%	2.35%
	Placed Location				
	West Spur Dump	9,116	3.60%	4.03%	3.39%
	Placed Location				
	Oxide East	13,933	2.90%	3.80%	2.00%
	Placed Location		• • • • • • • • • • • • • • • • • • • •	2 222/	
	PAC Dump	4,450	2.90%	3.80%	2.00%
Forma	tion: Mixed				
	Placed Location				
	PAC Dump	1,590	1.99%	4.59%	1.64%
	Placed Location				
	West Tailings	38,528	0.62%	5.65%	0.39%
Forma	tion: Siksikpuk				
	Placed Location				
	PAC Dump	473	1.70%	5.10%	0.10%
	Placed Location		0.000/		0.400/
	West Spur Dump	700	0.30%	5.90%	0.10%
	Placed Location West Tailings	25 167	1 220/	F 210/	0.100/
	Placed Location	35,167	1.33%	5.31%	0.10%
	Oxide East	15,056	0.30%	5.90%	0.10%
	Placed Location	15,050	0.5070	3.3070	0.1070
	Landfill @MWD	916	0.30%	5.90%	0.10%
	Placed Location			0.007	
	Main Dam	477	0.30%	5.90%	0.10%
	Waste Type Subtotal	140,510			
Waste Type:	Other Waste	<u>Tonnes</u>	Avg Zn%	Avg Fe%	Avg Pb%
Format	tion: Ikalukrok				
	Placed Location				
	Main Dam	215	2.10%	2.00%	1.70%
	Placed Location				
	Main Dam	400	0.71%	1.39%	2.46%
	Placed Location				
	Main Pit Dump 3	3,719	0.80%	1.60%	3.70%
	Placed Location				
	Marginal Ore Stockpile	35,789	4.17%	2.12%	3.10%
	Placed Location				
	Oxide East	30,864	2.00%	1.75%	2.21%
	Placed Location				
	PAC Dump	5,562	1.28%	2.82%	1.46%
	Placed Location		0.000/	2 222	0.1001
	West Spur Dump	13,250	0.23%	2.29%	0.16%

Waste Type Subtotal	564 221			
West Spur Dump	95	1.44%	2.99%	1.31%
Placed Location				
PAC Dump	9,312	1.00%	2.80%	0.55%
Placed Location				
Oxide East	79,054	1.16%	2.58%	1.12%
Placed Location				
Main Pit Dump 3	60	1.80%	1.40%	1.40%
Placed Location				
Main Dam	168	0.90%	1.50%	1.30%
Placed Location	,			
West Tailings	179,200	1.46%	2.01%	1.23%
Placed Location				
Formation: Siksikpuk				
Main Pit Dump 3	101,443	0.71%	1.39%	2.22%
Placed Location				
PAC Dump	560	2.54%	0.70%	2.99%
Placed Location				
Formation: Mixed				
West Spur Dump	2,432	0.50%	1.40%	0.90%
Placed Location				
Formation: Kivalina				
West Tailings	102,098	1.08%	1.73%	2.24%
Placed Location				

Waste Type Subtotal 564,221
Total tonnes for month 718,838

oduction Month	April 2016				
Waste Type:	Construction Waste	<u>Tonnes</u>	Avg Zn%	Avg Fe%	Avg Pb%
Forma	tion: Ikalukrok				
	Placed Location				
	Crusher Pad	1,354	0.20%	2.40%	0.10%
	Waste Type Subtotal	1,354	0.2070	2.4070	0.1070
Waste Type:	Cover Material	Tonnes	Avg Zn%	Avg Fe%	Avg Pb%
	tion: Kivalina	<u> </u>			
FOIIIIa	Placed Location				
		12.050	0.000/	2.400/	0.000/
	North Oxide  Waste Type Subtotal	13,058 <b>13,058</b>	0.00%	2.10%	0.00%
Masta Tuno.		•	A 7 0/	A F - 0/	A Dl- 0/
Waste Type:	Most Reactive Waste	<u>Tonnes</u>	Avg Zn%	Avg Fe%	Avg Pb%
Forma	tion: Ikalukrok				
	Placed Location				
	incinerator	523	7.90%	12.10%	4.80%
	Placed Location				
	Main Pit Dump 3	865	5.10%	16.40%	1.80%
	Placed Location				
	West Spur Dump	8,135	2.83%	3.87%	2.02%
Forma	tion: Siksikpuk				
	Placed Location				
	incinerator	152	0.30%	5.90%	0.10%
	Placed Location				
	West Tailings	74,452	0.15%	5.68%	0.10%
	Placed Location				
	West Spur Dump	29,511	0.30%	5.90%	0.10%
	Placed Location				
	PAC Dump	17,125	0.15%	5.68%	0.10%
	Placed Location				
	In-Pit Buttress	360	0.10%	5.60%	0.10%
	Placed Location				
	Landfill @MWD	3,200	0.30%	5.90%	0.10%
	Waste Type Subtotal	134,323			
Waste Type:	Other Waste	<u>Tonnes</u>	Avg Zn%	Avg Fe%	Avg Pb%
Forma	tion: Ikalukrok				
	Placed Location				
	incinerator	82	2.20%	0.90%	2.20%
	Placed Location				
	Main Pit Dump 3	8,187	0.92%	1.31%	0.82%
	Placed Location	-, -			
	PAC Dump	5,520	1.86%	1.16%	1.84%
	Placed Location	•			
	West Spur Dump	71,812	0.81%	2.33%	0.48%
	Placed Location	•			
	West Tailings	99,478	1.11%	1.64%	1.04%
Forma	tion: Kivalina				
	Placed Location				
	Main Pit Dump 3	1,814	0.50%	1.40%	0.90%
	Placed Location	1,014	0.50/0	1.40/0	0.30/0
	West Spur Dump	33,013	0.50%	1.40%	0.90%
	Placed Location	33,013	0.30%	1.4070	0.5070
	West Tailings	1,985	0.50%	1.40%	0.90%
Eauce	_	1,505	0.50/0	1.40/0	0.30/0
Forma	tion: Mixed				

Waste Type Subtotal	474.478			
incinerator	3,409	0.45%	1.65%	0.81%
Placed Location				
West Tailings	39,342	0.56%	1.75%	0.92%
Placed Location				
West Spur Dump	43,504	0.64%	3.47%	0.60%
Placed Location				
PAC Dump	36,091	1.10%	4.30%	0.80%
Placed Location				
Main Pit Dump 3	15,678	0.50%	1.40%	0.90%
Placed Location				
Formation: Siksikpuk				
West Tailings	4,226	0.18%	4.93%	0.42%
Placed Location				
PAC Dump	1,484	0.10%	0.10%	0.10%
Placed Location				
Formation: Okpikruak				
Main Pit Dump 3	108,853	0.73%	1.37%	2.20%
Placed Location				

Waste Type Subtotal 474,478
Total tonnes for month 623,213

duction Month	May 2016				
Waste Type:	Construction Waste	<u>Tonnes</u>	Avg Zn%	Avg Fe%	Avg Pb%
Forma	tion: Ikalukrok				
	Placed Location				
	Crusher Pad	1,305	1.66%	1.72%	1.18%
	Placed Location				
	Concentrate storage	1,529	2.62%	1.17%	1.88%
Forma	tion: Siksikpuk				
	Placed Location				
	Haul Road Maintenance	273	0.00%	3.90%	0.00%
	Placed Location  North Bank	70	0.00%	2.000/	0.000/
	Waste Type Subtotal	79 <b>3,186</b>	0.00%	3.90%	0.00%
Waste Type:		-	Aug 7n9/	Ava Eo9/	Ava Db%
		<u>Tonnes</u>	Avg Zn%	Avg Fe%	Avg Pb%
Forma	tion: Kivalina				
	Placed Location				
	North Oxide	20,689	0.00%	2.07%	0.00%
	Waste Type Subtotal	20,689			
Waste Type:	Most Reactive Waste	<u>Tonnes</u>	Avg Zn%	Avg Fe%	Avg Pb%
Forma	tion: Ikalukrok				
	Placed Location				
	Haul Road Maintenance	159	2.50%	4.20%	2.10%
	Placed Location				
	incinerator  Placed Location	80,283	1.62%	4.87%	0.59%
	West Spur Dump	16,227	3.39%	4.18%	0.22%
Forma	tion: Kivalina	10,227	3.3370	4.1070	0.22/0
1011114	Placed Location				
	incinerator	7,638	2.60%	4.10%	0.20%
Forma	tion: Okpikruak	1,000			
	Placed Location				
	West Spur Dump	5,847	1.03%	4.92%	0.06%
	Placed Location				
	Concentrate storage	1,186	0.30%	5.30%	0.00%
	Placed Location				
	incinerator	46,378	0.68%	5.10%	0.03%
Forma	tion: Siksikpuk				
	Placed Location				
	incinerator	22,898	0.29%	5.31%	0.00%
	Placed Location	150	0.200/	F 200/	0.000/
	West Spur Dump  Waste Type Subtotal	150 <b>180,766</b>	0.30%	5.30%	0.00%
		-	_	_	_
Waste Type:		<u>Tonnes</u>	Avg Zn%	Avg Fe%	Avg Pb%
Forma	tion: Ikalukrok				
	Placed Location				
	incinerator	282,759	1.98%	1.86%	1.24%
	Placed Location	4.520	3.400/	2.400/	1.000/
	Main Pit Dump 2 Placed Location	4,536	2.10%	2.10%	1.00%
	Main Pit Dump 3	98	2.00%	1.10%	1.60%
	Placed Location	50	2.5070	1.10/0	1.00/0
	Main pit dump 4	253	2.10%	2.10%	1.00%
	Placed Location				
	West Spur Dump	20,848	2.05%	1.58%	1.35%

Formation: Mixed				
Placed Location				
incinerator	9,148	2.87%	2.83%	0.13%
Placed Location				
Main Pit Dump 2	914	3.80%	1.10%	1.80%
Placed Location				
Main Pit Dump 3	26,362	0.80%	1.30%	2.10%
Placed Location				
West Spur Dump	4,979	2.00%	3.00%	1.00%
Formation: Siksikpuk				
Placed Location				
West Spur Dump	7,413	0.00%	3.90%	0.00%
Placed Location				
West Tailings	2,125	0.00%	3.90%	0.00%
Placed Location				
incinerator	121,206	0.63%	3.62%	0.71%
Waste Type Subtotal	480,641			
Total tonnes for month	685,282			

Production Month	June 2016					
Waste Type:	Construction Waste	<u>Tonnes</u>	Avg Zn%	Avg Fe%	Avg Pb%	
Forma	tion: Ikalukrok					
	Placed Location					
	Haul Road Maintenance	193	2.30%	0.80%	1.80%	
	Waste Type Subtotal	193				
Waste Type:	<u>Cover Material</u>	<u>Tonnes</u>	Avg Zn%	Avg Fe%	Avg Pb%	
Forma	tion: Kivalina					
	Placed Location					
	North Oxide	10,070	0.00%	2.00%	0.00%	
	Waste Type Subtotal	10,070				
Waste Type:	Most Reactive Waste	<u>Tonnes</u>	Avg Zn%	Avg Fe%	Avg Pb%	
Forma	tion: Ikalukrok					
	Placed Location					
	Cold Storage North	18,428	3.40%	3.70%	0.30%	
	Placed Location					
	incinerator	3,498	0.60%	5.50%	0.10%	
	Placed Location					
	Landfill @MWD	804	3.40%	3.70%	0.30%	
	Placed Location					
	Main Pit Dump 3	7,891	7.10%	23.60%	2.70%	
Forma	tion: Mixed					
	Placed Location					
	Main Pit Dump 3	1,092	4.50%	18.00%	1.60%	
Forma	tion: Siksikpuk					
	Placed Location					
	incinerator	10,754	0.10%	5.60%	0.10%	
	Placed Location					
	Main Pit Dump 2	796	0.10%	5.60%	0.10%	
	Waste Type Subtotal	43,263				
Waste Type:	Other Waste	<u>Tonnes</u>	Avg Zn%	Avg Fe%	Avg Pb%	
Forma	tion: Ikalukrok					
	Placed Location					
	West Spur Dump	18,490	2.30%	0.80%	2.00%	
	Placed Location					
	West Tailings	7,996	2.30%	0.80%	2.00%	
	Placed Location		2	4 0=01	4 ====	
	Cold Storage North	116,959	2.46%	1.35%	1.72%	
	Placed Location	222.275	2 240/	1 120/	1 7/10/	
	incinerator  Placed Location	323,275	2.24%	1.13%	1.74%	
	Main Pit Dump 3	ว กวง	2.00%	1.10%	1 60%	
Faur-	tion: Kivalina	2,028	2.00%	1.10%	1.60%	
Forma						
	Placed Location	7.050	0.000/	2 200/	0.700/	
_	incinerator	7,856	0.80%	2.20%	0.70%	

29,890

1,066

91,026

0.80%

3.80%

1.95%

1.30%

1.10%

2.76%

2.10%

1.80%

2.36%

Formation: Mixed

Placed Location
Main Pit Dump 3

**Placed Location**Main pit dump 4

Formation: Siksikpuk
Placed Location
incinerator

Waste Type Subtotal	598,586
Total tonnes for month	652,112

Production Month	July 2016				
Waste Type:	Cover Material	<u>Tonnes</u>	Avg Zn%	Avg Fe%	Avg Pb%
Forma	tion: Kivalina				
	Placed Location				
	North Oxide	16,142	0.00%	2.26%	0.09%
	Waste Type Subtotal	16,142	0.0070	2.2075	0.0370
Waste Type:		Tonnes	Avg Zn%	Avg Fe%	Avg Pb%
Forma	tion: Ikalukrok				
	Placed Location				
	Main pit dump 4	3,714	3.00%	4.00%	1.00%
	Placed Location	-,			,
	Main Pit Dump 3	8,515	4.50%	18.00%	1.60%
	Placed Location				
	Cold Storage North	2,355	2.50%	4.20%	2.10%
	Placed Location				
	Main Pit Dump 2	189	4.50%	18.00%	1.60%
	Waste Type Subtotal	14,773			
Waste Type:	Other Waste	<u>Tonnes</u>	Avg Zn%	Avg Fe%	Avg Pb%
Forma	tion: Ikalukrok				
	Placed Location				
	Oxide East	1,130	1.00%	2.00%	1.00%
	Placed Location				
	Main Pit Dump 2	77,995	1.83%	0.96%	1.28%
	Placed Location				
	West Spur Dump	716	2.20%	0.90%	1.50%
	Placed Location West Hobbit Hut	2 514	2 760/	0.030/	1 070/
	Placed Location	3,514	2.76%	0.83%	1.87%
	Portable crusher Pad	7,488	2.90%	1.30%	2.00%
	Placed Location	7,400	2.5070	1.5070	2.0070
	Main Pit Dump 3	22,065	1.16%	0.87%	0.94%
	Placed Location	,			
	Back Dam	31,505	2.91%	0.79%	1.90%
	Placed Location				
	incinerator	6,722	2.99%	0.80%	1.90%
	Placed Location				
	Cold Storage North	190,002	2.10%	1.60%	1.35%
	Placed Location				
	Off MPD2	135,487	1.89%	1.02%	1.32%
Forma	tion: Kivalina				
	Placed Location				
	Cold Storage North	30,751	1.34%	2.48%	0.70%
Forma	tion: Mixed				
	Placed Location				
	Cold Storage North	1,533	2.00%	3.00%	1.00%
	Placed Location				
	Main Pit Dump 3	53,889	0.80%	1.30%	2.11%
	Placed Location		2.0001	4.4001	4.0001
	Main pit dump 4	1,284	3.80%	1.10%	1.80%
	Placed Location Off MPD2	22.061	0.80%	1.30%	2 100/
	Placed Location	23,061	0.80%	1.30%	2.10%
	West Spur Dump	77	0.80%	1.30%	2.10%
Earma	tion: Siksikpuk	,,	3.5570	1.50/0	2.10/0
FUIIIId	ition. Sinsinpun				

Placed Location				
Off MPD2	7,165	0.30%	2.00%	0.60%
Placed Location				
Back Dam	68,563	0.30%	2.01%	0.60%
Placed Location				
Cold Storage North	108,380	0.75%	2.61%	0.41%
Waste Type Subtotal	771,327			
Total tonnes for month	802,242			

Production Month	August 2016				
Waste Type:	Cover Material	<u>Tonnes</u>	Avg Zn%	Avg Fe%	Avg Pb%
Forma	tion: Kivalina				
	Placed Location				
	North Oxide	1,762	0.00%	2.15%	0.00%
Forma	tion: Topsoil				
	Placed Location				
	South Oxide Topsoil	14,667	0.10%	0.10%	0.10%
	Waste Type Subtotal	16,429			
Waste Type:	Most Reactive Waste	<b>Tonnes</b>	Avg Zn%	Avg Fe%	Avg Pb%
Forma	ition: Ikalukrok				
	Placed Location				
	Main Pit Dump 3	17,783	2.62%	10.78%	3.27%
	Placed Location				
	Off MPD2	9,159	1.62%	10.10%	2.40%
	Placed Location				
	Portable crusher Pad	2,160	2.50%	4.20%	2.10%
Forma	tion: Kivalina				
	Placed Location				
	Off MPD2	1,463	4.50%	4.20%	2.10%
Forma	tion: Mixed				
	Placed Location				
	Main pit dump 4	778	3.00%	4.00%	1.00%
	Placed Location				
_	Off MPD2	10,037	3.00%	4.00%	1.00%
Forma	tion: Siksikpuk				
	Placed Location				
	Cold Storage North Placed Location	41,746	0.00%	6.60%	0.00%
	Main pit dump 4	5,767	0.00%	6.60%	0.00%
Forma	ition: Topsoil	3,707	0.00%	0.00%	0.00%
1011116	Placed Location				
	Main Pit Dump 3	4,217	3.00%	4.00%	1.00%
	Waste Type Subtotal	93,110	3.0070	4.0070	1.0070
Wasta Tyna:	Other Waste	Tonnes	Avg Zn%	Λυα Εο%	Avg Pb%
		Tollies	AVE ZII/0	Avg Fe%	AVE FU/0
Forma	tion: Ikalukrok				
	Placed Location		0.044		0.000/
	Main Pit Dump 3	97,519	0.81%	1.25%	0.89%
	Placed Location Portable crusher Pad	41,646	2.00%	1.03%	1.67%
	Placed Location	41,040	2.00%	1.03/0	1.07/0
	Main Pit Dump 2	14,861	2.05%	1.97%	1.05%
	Placed Location	,			
	Landfill @MWD	11,931	1.95%	2.04%	1.76%
	Placed Location				
	Haul Road Maintenance	282	2.80%	0.80%	2.10%
	Placed Location				
	Cold Storage North	94,566	2.23%	2.42%	1.25%
	Placed Location				
_	Off MPD2	174,797	0.70%	1.25%	0.71%
Forma	tion: Kivalina				
	Placed Location				
	Cold Storage North	34,338	1.00%	2.40%	0.60%
Forma	ition: Mixed				

-1 1				
Placed Location				
Main pit dump 4	287	1.00%	2.00%	1.00%
Formation: Siksikpuk				
Placed Location				
Cold Storage North	119,287	0.34%	4.69%	0.34%
Placed Location				
Haul Road Maintenance	1,177	1.90%	3.60%	2.00%
Placed Location				
Main Pit Dump 2	2,258	0.40%	3.70%	0.10%
Placed Location				
Main Pit Dump 3	39,387	0.30%	3.30%	0.18%
Placed Location				
Off MPD2	77,213	0.46%	3.40%	0.29%
Placed Location				
Portable crusher Pad	9,879	0.40%	3.70%	0.10%
Placed Location				
West Tailings	2,102	0.40%	3.70%	0.10%
Waste Type Subtotal	721,530			
, ·	,			

Total tonnes for month 831,069

oduction Month	September 2016				
Waste Type:	Cover Material	<u>Tonnes</u>	Avg Zn%	Avg Fe%	Avg Pb%
Forma	tion: Kivalina				
	Placed Location				
	North Oxide	3,460	0.10%	0.20%	0.10%
	Waste Type Subtotal	3,460			
Waste Type:	Most Reactive Waste	<u>Tonnes</u>	Avg Zn%	Avg Fe%	Avg Pb%
Forma	tion: Ikalukrok				
	Placed Location				
	Main Pit Dump 3	6,317	1.20%	5.22%	0.79%
	Placed Location	•			
	Off MPD2	11,237	1.04%	5.22%	0.26%
Forma	tion: Siksikpuk				
	Placed Location				
	Landfill @MWD	1,120	0.00%	5.50%	0.00%
	Placed Location	1,120	0.0070	3.3070	0.0070
	Main Pit Dump 3	25,198	0.00%	5.50%	0.00%
	Placed Location		0.00,0		0.0075
	Off MPD2	59,982	0.10%	5.47%	0.05%
	Placed Location	,			
	incinerator	32,022	0.00%	5.50%	0.00%
	Waste Type Subtotal	135,876			
Waste Type:	Other Waste	<u>Tonnes</u>	Avg Zn%	Avg Fe%	Avg Pb%
Forma	tion: Ikalukrok				
	Placed Location				
	Main Pit Dump 2	102	2.20%	1.10%	1.90%
	Placed Location				
	Main Pit Dump 3	69,419	1.16%	2.88%	0.75%
	Placed Location				
	Main pit dump 4	822	1.30%	3.00%	0.20%
	Placed Location				
	Off MPD2	268,183	1.32%	2.51%	0.91%
	Placed Location				
	Portable crusher Pad	17,134	2.25%	0.94%	1.95%
Forma	tion: Kivalina				
	Placed Location				
	Main Pit Dump 3	9,955	1.00%	1.60%	1.20%
	Placed Location	•			
	Off MPD2	29,682	1.00%	1.60%	1.20%
Forma	tion: Siksikpuk				
	Placed Location				
	West Tailings	1,749	0.40%	3.70%	0.10%
	Placed Location	,			
	Main Pit Dump 3	54,642	0.30%	2.18%	0.61%
	Placed Location	•			
	Off MPD2	134,742	0.32%	2.26%	0.64%
	Waste Type Subtotal	586,430			

Total tonnes for month 725,766

Production Month October 2016				
Waste Type: Most Reactive Waste	<u>Tonnes</u>	Avg Zn%	Avg Fe%	Avg Pb%
Formation: Ikalukrok				
Placed Location				
Main Pit Dump 3	558	4.50%	4.20%	2.10%
Formation: Mixed				
Placed Location				
Main Pit Dump 2	80	3.00%	4.00%	1.00%
Formation: Siksikpuk				
Placed Location				
Landfill @MWD	1,211	0.10%	5.40%	0.00%
Placed Location	,			
Main Pit Dump 3	54,564	0.14%	5.50%	0.08%
Placed Location				
Off MPD2	143,253	0.18%	5.60%	0.16%
Waste Type Subtotal	199,666			
Waste Type Subtotal <u>Waste Type:</u> Other Waste	199,666 <u>Tonnes</u>	Avg Zn%	Avg Fe%	Avg Pb%
		Avg Zn%	Avg Fe%	Avg Pb%
Waste Type: Other Waste		Avg Zn%	Avg Fe%	Avg Pb%
Waste Type: Other Waste  Formation: Ikalukrok		Avg Zn% 2.23%	<b>Avg Fe%</b> 0.96%	Avg Pb% 1.70%
Waste Type: Other Waste  Formation: Ikalukrok  Placed Location	Tonnes			
Waste Type: Other Waste  Formation: Ikalukrok  Placed Location  Main Pit Dump 3	Tonnes			
Waste Type: Other Waste  Formation: Ikalukrok  Placed Location  Main Pit Dump 3  Placed Location	<u>Tonnes</u> 132,124	2.23%	0.96%	1.70%
Waste Type: Other Waste  Formation: Ikalukrok  Placed Location  Main Pit Dump 3  Placed Location  Off MPD2  Placed Location  Oxide East	<u>Tonnes</u> 132,124	2.23%	0.96%	1.70%
Waste Type: Other Waste  Formation: Ikalukrok Placed Location Main Pit Dump 3 Placed Location Off MPD2 Placed Location	Tonnes  132,124  79,333	2.23%	0.96%	1.70%
Waste Type: Other Waste  Formation: Ikalukrok  Placed Location  Main Pit Dump 3  Placed Location  Off MPD2  Placed Location  Oxide East	Tonnes  132,124  79,333	2.23%	0.96%	1.70%
Waste Type: Other Waste  Formation: Ikalukrok  Placed Location  Main Pit Dump 3  Placed Location  Off MPD2  Placed Location  Oxide East  Formation: Kivalina	Tonnes  132,124  79,333	2.23%	0.96%	1.70%
Waste Type: Other Waste  Formation: Ikalukrok Placed Location Main Pit Dump 3 Placed Location Off MPD2 Placed Location Oxide East Formation: Kivalina Placed Location	Tonnes  132,124  79,333  1,877	2.23% 1.66% 2.30%	0.96% 1.82% 0.90%	1.70% 1.19% 1.70%
Waste Type: Other Waste  Formation: Ikalukrok Placed Location Main Pit Dump 3 Placed Location Off MPD2 Placed Location Oxide East Formation: Kivalina Placed Location Main Pit Dump 3	Tonnes  132,124  79,333  1,877	2.23% 1.66% 2.30%	0.96% 1.82% 0.90%	1.70% 1.19% 1.70%
Waste Type: Other Waste  Formation: Ikalukrok Placed Location Main Pit Dump 3 Placed Location Off MPD2 Placed Location Oxide East Formation: Kivalina Placed Location Main Pit Dump 3 Formation: Siksikpuk	Tonnes  132,124  79,333  1,877	2.23% 1.66% 2.30%	0.96% 1.82% 0.90%	1.70% 1.19% 1.70%

Waste Type Subtotal 527,508
Total tonnes for month 727,174

62,883

236,100

0.31%

0.54%

1.42%

1.62%

2.04%

1.68%

Main Pit Dump 3

Placed Location Off MPD2

<b>Production Month</b>	November 2016				
Waste Type:	Most Reactive Waste	<u>Tonnes</u>	Avg Zn%	Avg Fe%	Avg Pb%
Format	tion: Ikalukrok				
	Placed Location				
	Main Pit Dump 3	1,448	1.40%	5.50%	1.10%
	Placed Location				
	Off MPD2	11,865	5.43%	16.11%	1.71%
Format	tion: Siksikpuk				
	Placed Location				
	Main Pit Dump 3	8,852	0.98%	6.05%	1.07%
	Placed Location				
	Off MPD2	117,120	0.88%	5.70%	0.89%
	Waste Type Subtotal	139,285			
Waste Type:	Other Waste	<u>Tonnes</u>	Avg Zn%	Avg Fe%	Avg Pb%
Format	tion: Ikalukrok				
	Placed Location				
	Off MPD2	70,289	1.49%	2.32%	1.10%
	Placed Location				
	Main Pit Dump 3	17,989	2.22%	0.94%	1.75%
Format	tion: Mixed				
	Placed Location				
	Main Pit Dump 3	8,818	0.70%	0.70%	2.60%
	Placed Location				
	Off MPD2	43,508	0.70%	0.70%	2.60%
Format	t <b>ion:</b> Siksikpuk				
	Placed Location				
	Main Pit Dump 3	54,194	1.03%	1.45%	3.30%
	Placed Location				
	Off MPD2	224,980	0.92%	1.74%	2.72%
	Waste Type Subtotal	419,778			
	Total tonnes for month	559,063	_		

Production Month	December 2016						
Waste Type:	Most Reactive Waste	<u>Tonnes</u>	Avg Zn%	Avg Fe%	Avg Pb%		
Forma	tion: Ikalukrok						
	Placed Location						
	Main Pit Dump 3	3,810	2.49%	4.91%	2.51%		
	Placed Location						
	Off MPD2	87,763	3.96%	4.59%	3.17%		
	Waste Type Subtotal	91,573					
Waste Type:	Other Waste	<u>Tonnes</u>	Avg Zn%	Avg Fe%	Avg Pb%		
Formation: Ikalukrok							
	Placed Location						
	Main Pit Dump 3	19,116	2.05%	1.05%	1.65%		
	Placed Location						
	Off MPD2	143,107	1.92%	1.93%	1.37%		
Forma	tion: Mixed						
	Placed Location						
	Main Pit Dump 3	6,792	0.70%	0.70%	2.60%		
	Placed Location						
	Off MPD2	25,196	0.70%	0.70%	2.60%		
Forma	tion: Siksikpuk						
	Placed Location						
	Off MPD2	134,447	0.81%	2.21%	1.93%		
	Placed Location						
	Main Pit Dump 3	18,530	0.78%	1.92%	1.72%		
	Waste Type Subtotal	347,188	_				
	Total tonnes for month	438,761					

**Total Waste Rock tonnes for period** 

8,298,751

## Teck

## Quarterly Waste Rock Production Report

Production Month	October 2016
------------------	--------------

Waste Type:	Most Reactive Waste	<u>Tonnes</u>	Avg Zn%	Avg Fe%	Avg Pb%
Forma	tion: Ikalukrok				
	Placed Location				
	Main Pit Dump 3	558	4.50%	4.20%	2.10%
Forma	tion: Mixed				
	Placed Location				
	Main Pit Dump 2	80	3.00%	4.00%	1.00%
Forma	tion: Siksikpuk				
	Placed Location				
	Landfill @MWD	1,211	0.10%	5.40%	0.00%
	Placed Location				
	Main Pit Dump 3	54,564	0.14%	5.50%	0.08%
	Placed Location				
	Off MPD2	143,253	0.18%	5.60%	0.16%
	Waste Type Subtotal	199,666			
Waste Type:	Other Waste	<b>Tonnes</b>	Avg Zn%	Avg Fe%	Avg Pb%
Forma	tion: Ikalukrok				
	Placed Location				
	Main Pit Dump 3	132,124	2.23%	0.96%	1.70%
	Placed Location				
	Off MPD2	79,333	1.66%	1.82%	1.19%
	Placed Location				
	Oxide East	1,877	2.30%	0.90%	1.70%
Forma	tion: Kivalina				
	Placed Location				
	Main Pit Dump 3	13,015	1.00%	1.60%	1.20%
Forma	tion: Siksikpuk				
	Placed Location				
	Haul Road Maintenance	2,176	1.00%	1.60%	1.20%
	Placed Location				
	Main Pit Dump 3	62,883	0.31%	2.04%	1.42%
	Placed Location				
	Off MPD2	236,100	0.54%	1.68%	1.62%
	Waste Type Subtotal	527,508	_		

Total tonnes for month 727,174

<b>Production Month</b>	November 2016				
Waste Type:	Most Reactive Waste	<u>Tonnes</u>	Avg Zn%	Avg Fe%	Avg Pb%
Format	i <b>on:</b> Ikalukrok				
	Placed Location				
	Off MPD2	11,865	5.43%	16.11%	1.71%
	Placed Location				
	Main Pit Dump 3	1,448	1.40%	5.50%	1.10%
Format	ion: Siksikpuk				
	Placed Location				
	Off MPD2	117,120	0.88%	5.70%	0.89%
	Placed Location				
	Main Pit Dump 3	8,852	0.98%	6.05%	1.07%
	Waste Type Subtotal	139,285			
Waste Type:	Other Waste	<u>Tonnes</u>	Avg Zn%	Avg Fe%	Avg Pb%
Format	i <b>on:</b> Ikalukrok				
	Placed Location				
	Main Pit Dump 3	17,989	2.22%	0.94%	1.75%
	Placed Location				
	Off MPD2	70,289	1.49%	2.32%	1.10%
Format	ion: Mixed				
	Placed Location				
	Main Pit Dump 3	8,818	0.70%	0.70%	2.60%
	Placed Location				
	Off MPD2	43,508	0.70%	0.70%	2.60%
Format	ion: Siksikpuk				
	Placed Location				
	Main Pit Dump 3	54,194	1.03%	1.45%	3.30%
	Placed Location				
	Off MPD2	224,980	0.92%	1.74%	2.72%
	Waste Type Subtotal	419,778			
	Total tonnes for month	559,063	_		

Production Month December 2016							
Waste Type:	Most Reactive Waste	<u>Tonnes</u>	Avg Zn%	Avg Fe%	Avg Pb%		
Forma	ation: Ikalukrok						
	Placed Location						
	Main Pit Dump 3	3,810	2.49%	4.91%	2.51%		
	Placed Location						
	Off MPD2	87,763	3.96%	4.59%	3.17%		
	Waste Type Subtotal	91,573					
Waste Type:	Other Waste	<u>Tonnes</u>	Avg Zn%	Avg Fe%	Avg Pb%		
Formation: Ikalukrok							
	Placed Location						
	Main Pit Dump 3	19,116	2.05%	1.05%	1.65%		
	Placed Location						
	Off MPD2	143,107	1.92%	1.93%	1.37%		
Forma	ation: Mixed						
	Placed Location						
	Main Pit Dump 3	6,792	0.70%	0.70%	2.60%		
	Placed Location						
	Off MPD2	25,196	0.70%	0.70%	2.60%		
Forma	ation: Siksikpuk						
	Placed Location						
	Off MPD2	134,447	0.81%	2.21%	1.93%		
	Placed Location						
	Main Pit Dump 3	18,530	0.78%	1.92%	1.72%		
	Waste Type Subtotal	347,188	_				
	Total tonnes for month	438,761					

**Total Waste Rock tonnes for period** 

1,724,998