

Report Number

16-245-0319

Page: 1 of 8

Account Number

21085



2790 Whitten Road, Memphis, TN 38133

Main 901.213.2400 ° Fax 901.213.2440

www.waypointanalytical.com

Send To: Fertoz International, Inc.

Pat Avery

229 Yonge St.

4th Floor

Toronto, Canada , M5B 149

Project : Solvay

Silver Bow Site

Purchase Order :**Report Date :** 09/12/2016**Date Received :** 09/01/2016**REPORT OF ANALYSIS****Date Sampled :** 08/23/2016

Lab Number: 93592

Sample Id : #1 South Ore Pile

Analysis	Result	Quantitation Limit	Method	Date and Time Test Started	Analyst
Available Phosphorus as P2O5 , %	12.6	0.100	AOAC 993.31	09/08/2016 09:00	DXT
Phosphorus (as P2O5) , %	30.5	0.1	AOAC 958.01	09/09/2016 08:30	DXT
Total Silver , mg/Kg	<12.5	12.5	6010C	09/08/2016 11:47	CCR
Total Arsenic , mg/Kg	<50.0	50.0	6010C	09/08/2016 11:47	CCR
Total Barium , mg/Kg	56.9	25.0	6010C	09/08/2016 11:47	CCR
Total Cadmium , mg/Kg	113	5.00	6010C	09/08/2016 11:47	CCR
Total Chromium , mg/Kg	534	12.5	6010C	09/08/2016 11:47	CCR
Mercury (Total) , mg/Kg	0.333	0.0133	7471A	09/08/2016 12:35	KKM
Total Lead , mg/Kg	15.2	15.0	6010C	09/08/2016 11:47	CCR
Total Selenium , mg/Kg	<50.0	50.0	6010C	09/08/2016 11:47	CCR

A handwritten signature in black ink, appearing to read "Jimmy R. Ferguson".

Jimmy R. Ferguson

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<u>Analysis</u>	<u>Result</u>	<u>Quantitation Limit</u>	<u>Method</u>	<u>Date and Time Test Started</u>	<u>Analyst</u>
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Method Reference:

Official Methods of Analysis of AOAC International, 17th Edition, 1998

USEPA, SW-846, Test Methods for Evaluating Solid Wastes, Physical/Chemical Methods, 3rd Ed. Current Revision

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Purchase Order :**Report Date :** 09/12/2016**Date Received :** 09/01/2016**REPORT OF ANALYSIS****Date Sampled :** 08/23/2016

Lab Number: 93593

Sample Id : #2 North Ore Pile

Analysis	Result	Quantitation Limit	Method	Date and Time Test Started	Analyst
Available Phosphorus as P2O5 , %	12.9	0.100	AOAC 993.31	09/08/2016 09:00	DXT
Phosphorus (as P2O5) , %	34.1	0.1	AOAC 958.01	09/09/2016 08:30	DXT
Total Silver , mg/Kg	<5.00	5.00	6010C	09/08/2016 14:31	CCR
Total Arsenic , mg/Kg	<20.0	20.0	6010C	09/08/2016 14:31	CCR
Total Barium , mg/Kg	59.7	10.0	6010C	09/08/2016 14:31	CCR
Total Cadmium , mg/Kg	113	2.00	6010C	09/08/2016 14:31	CCR
Total Chromium , mg/Kg	480	5.00	6010C	09/08/2016 14:31	CCR
Mercury (Total) , mg/Kg	0.288	0.0133	7471A	09/08/2016 12:36	KKM
Total Lead , mg/Kg	13.4	6.00	6010C	09/08/2016 14:31	CCR
Total Selenium , mg/Kg	<20.0	20.0	6010C	09/08/2016 14:31	CCR

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Lab Number: 93593

Sample Id : #2 North Ore Pile

Analysis	Result	Quantitation Limit	Method	Date and Time Test Started	Analyst
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Lab Number: 93594

Sample Id : #3 Batch No. 1 SM ore

Analysis	Result	Quantitation Limit	Method	Date and Time Test Started	Analyst
Available Phosphorus as P2O5 , %	11.3	0.100	AOAC 993.31	09/08/2016 09:00	DXT
Phosphorus (as P2O5) , %	37.2	0.1	AOAC 958.01	09/09/2016 08:30	DXT
Total Silver , mg/Kg	<12.5	12.5	6010C	09/08/2016 11:57	CCR
Total Arsenic , mg/Kg	<50.0	50.0	6010C	09/08/2016 11:57	CCR
Total Barium , mg/Kg	50.5	25.0	6010C	09/08/2016 11:57	CCR
Total Cadmium , mg/Kg	105	5.00	6010C	09/08/2016 11:57	CCR
Total Chromium , mg/Kg	708	12.5	6010C	09/08/2016 11:57	CCR
Mercury (Total) , mg/Kg	0.405	0.0133	7471A	09/08/2016 12:37	KKM
Total Lead , mg/Kg	18.6	15.0	6010C	09/08/2016 11:57	CCR
Total Selenium , mg/Kg	<50.0	50.0	6010C	09/08/2016 11:57	CCR

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Lab Number: 93594

Sample Id : #3 Batch No. 1 SM ore

<u>Analysis</u>	<u>Result</u>	<u>Quantitation Limit</u>	<u>Method</u>	<u>Date and Time Test Started</u>	<u>Analyst</u>
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Purchase Order :**Report Date :** 09/12/2016**Date Received :** 09/01/2016**REPORT OF ANALYSIS****Date Sampled :** 08/23/2016

Lab Number: 93595

Sample Id : #4 Batch No. 2 SM ore

Analysis	Result	Quantitation Limit	Method	Date and Time Test Started	Analyst
Available Phosphorus as P2O5 , %	11.7	0.100	AOAC 993.31	09/08/2016 09:00	DXT
Phosphorus (as P2O5) , %	30.1	0.1	AOAC 958.01	09/09/2016 08:30	DXT
Total Silver , mg/Kg	6.09	5.00	6010C	09/08/2016 14:41	CCR
Total Arsenic , mg/Kg	<20.0	20.0	6010C	09/08/2016 14:41	CCR
Total Barium , mg/Kg	55.7	10.0	6010C	09/08/2016 14:41	CCR
Total Cadmium , mg/Kg	115	2.00	6010C	09/08/2016 14:41	CCR
Total Chromium , mg/Kg	734	5.00	6010C	09/08/2016 14:41	CCR
Mercury (Total) , mg/Kg	0.350	0.0133	7471A	09/08/2016 12:39	KKM
Total Lead , mg/Kg	13.1	6.00	6010C	09/08/2016 14:41	CCR
Total Selenium , mg/Kg	49.6	20.0	6010C	09/08/2016 14:41	CCR

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Lab Number: 93595

Sample Id : #4 Batch No. 2 SM ore

<u>Analysis</u>	<u>Result</u>	<u>Quantitation Limit</u>	<u>Method</u>	<u>Date and Time Test Started</u>	<u>Analyst</u>
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