

Daily Analysis Runlog For Sequence/QC Batch ID # LB92778

Review By		Review On				
SubDirectory		LB92778		Test : Cyanide		
STD. NAME		STD REF.#				
ICAL Standard		WP61137,WP61138,WP61139,WP61140,WP61141,WP61142,WP61143				
ICV Standard		W1541				
CCV Standard		WP61144				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		WP58910				
Chk Standard		WP59958,WP60878,WP61146				
Sr#	SampleID	ClientID	QcType	Date	Comment	Status
1	0.0PPBCN	0.0PPBCN	CAL1	01/22/18 09:10		OK
2	5.0PPBCN	5.0PPBCN	CAL2	01/22/18 09:10		OK
3	10PPBCN	10PPBCN	CAL3	01/22/18 09:10		OK
4	50PPBCN	50PPBCN	CAL4	01/22/18 09:10		OK
5	100PPBCN	100PPBCN	CAL5	01/22/18 09:10		OK
6	250PPBCN	250PPBCN	CAL6	01/22/18 09:10		OK
7	500PPBCN	500PPBCN	CAL7	01/22/18 09:10		OK
8	ICV1	ICV1	ICV	01/22/18 15:30		OK
9	ICB1	ICB1	ICB	01/22/18 15:30		OK
10	CCV1	CCV1	CCV	01/22/18 15:30		OK
11	CCB1	CCB1	CCB	01/22/18 15:30		OK
12	PB105844BL	PB105844BL	MB	01/22/18 15:30		OK
13	J1210-01	RT-3992	SAM	01/22/18 15:30		OK
14	J1210-01DUP	RT-3992DUP	DUP	01/22/18 15:37		OK
15	J1210-01MS	RT-3992MS	MS	01/22/18 15:37		OK
16	J1210-01MSD	RT-3992MSD	MSD	01/22/18 15:37		OK
17	J1210-04	RT-4248	SAM	01/22/18 15:37		OK
18	J1210-07	R-4220	SAM	01/22/18 15:37		OK
19	J1210-10	RT-2898	SAM	01/22/18 15:37		OK
20	J1218-01	OILY-GRAVEL	SAM	01/22/18 15:37		OK
21	CCV2	CCV2	CCV	01/22/18 15:37		OK

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STD. NAME		STD REF.#				
ICAL Standard		WP61137,WP61138,WP61139,WP61140,WP61141,WP61142,WP61143				
ICV Standard		W1541				
CCV Standard		WP61144				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		WP58910				
Chk Standard		WP59958,WP60878,WP61146				
22	CCB2	CCB2	CCB	01/22/18 15:37		OK
23	J1228-22	COMP-1	SAM	01/22/18 15:37		OK
24	J1228-23	COMP-2	SAM	01/22/18 15:37		OK
25	J1228-24	COMP-3	SAM	01/22/18 15:42		OK
26	J1228-25	COMP-4	SAM	01/22/18 15:42		OK
27	J1228-26	COMP-5	SAM	01/22/18 15:42		OK
28	PB105857BL	PB105857BL	MB	01/22/18 15:42		OK
29	PB105857BS	PB105857BS	LCS	01/22/18 15:42		OK
30	J1212-03	OILY-STONES	SAM	01/22/18 15:48		OK
31	J1212-03DUP	OILY-STONESDUP	DUP	01/22/18 15:48		OK
32	J1212-03MS	OILY-STONESMS	MS	01/22/18 15:48		OK
33	CCV3	CCV3	CCV	01/22/18 15:48		OK
34	CCB3	CCB3	CCB	01/22/18 15:48		OK
35	J1212-03MSD	OILY-STONESMSD	MSD	01/22/18 15:56		OK
36	J1214-01	WC-PH3-MGP-01	SAM	01/22/18 15:56		OK
37	J1214-02	WC-PH3-MGP-02	SAM	01/22/18 15:56		OK
38	PB105858BL	PB105858BL	MB	01/22/18 15:56		OK
39	PB105858BS	PB105858BS	LCS	01/22/18 15:56		OK
40	J1213-03	MANHOLE	SAM	01/22/18 15:56		OK
41	J1213-03DUP	MANHOLEDUP	DUP	01/22/18 15:56		OK
42	PB105844BS	PB105844BS	LCS	01/22/18 16:00		OK
43	CCV4	CCV4	CCV	01/22/18 16:00		OK



Instrument ID : KONELAB

284 Sheffield Street, Mountainside, New Jersey 07092 Phone : 908 789 8900 Fax : 908 789 8922

Daily Analysis Runlog For Sequence/QC Batch ID # LB92778

Review By		Review On				
SubDirectory		Test : Cyanide				
LB92778						
STD. NAME		STD REF.#				
ICAL Standard		WP61137,WP61138,WP61139,WP61140,WP61141,WP61142,WP61143				
ICV Standard		W1541				
CCV Standard		WP61144				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		WP58910				
Chk Standard		WP59958,WP60878,WP61146				
44	CCB4	CCB4	CCB	01/22/18 16:00		OK
45	J1213-03MS	MANHOLEMS	MS	01/22/18 16:21		OK
46	J1213-03MSD	MANHOLEMSD	MSD	01/22/18 16:21		OK
47	J1230-03	EXCAVATION	SAM	01/22/18 16:21		OK
48	CCV5	CCV5	CCV	01/22/18 16:21		OK
49	CCB5	CCB5	CCB	01/22/18 16:21		OK

Report of Analysis

Client:		Date Collected:	1/19/2018 12:00:00 AM
Project:	LB92778	Date Received:	1/19/2018 12:00:00 AM
Client Sample ID:	RT-3992	SDG No.:	LB92778
Lab Sample ID:	J1210-01	Matrix:	Solid
Level (low/med):	low	% Solid:	89.8

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0.021	U	1	0.036		0.27	mg/Kg	01/22/2018	01/22/2018	9012B



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Report of Analysis

Client:		Date Collected:	1/19/2018 12:00:00 AM
Project:	LB92778	Date Received:	1/19/2018 12:00:00 AM
Client Sample ID:	RT-4248	SDG No.:	LB92778
Lab Sample ID:	J1210-04	Matrix:	Solid
Level (low/med):	low	% Solid:	94.5

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0.032	U	1	0.035		0.26	mg/Kg	01/22/2018	01/22/2018	9012B



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Report of Analysis

Client:		Date Collected:	1/19/2018 12:00:00 AM
Project:	LB92778	Date Received:	1/19/2018 12:00:00 AM
Client Sample ID:	R-4220	SDG No.:	LB92778
Lab Sample ID:	J1210-07	Matrix:	Solid
Level (low/med):	low	% Solid:	92.2

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0.19	J	1	0.035		0.27	mg/Kg	01/22/2018	01/22/2018	9012B



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Report of Analysis

Client:		Date Collected:	1/19/2018 12:00:00 AM
Project:	LB92778	Date Received:	1/19/2018 12:00:00 AM
Client Sample ID:	RT-2898	SDG No.:	LB92778
Lab Sample ID:	J1210-10	Matrix:	Solid
Level (low/med):	low	% Solid:	93.4

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0.079	J	1	0.034		0.26	mg/Kg	01/22/2018	01/22/2018	9012B



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Report of Analysis

Client:		Date Collected:	1/19/2018 12:00:00 AM
Project:	LB92778	Date Received:	1/19/2018 12:00:00 AM
Client Sample ID:	OILY-STONES	SDG No.:	LB92778
Lab Sample ID:	J1212-03	Matrix:	Solid
Level (low/med):	low	% Solid:	100

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	-0.0024	U	1	0.032		0.25	mg/Kg	01/22/2018	01/22/2018	9012B



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Report of Analysis

Client:		Date Collected:	1/19/2018 12:00:00 AM
Project:	LB92778	Date Received:	1/19/2018 12:00:00 AM
Client Sample ID:	MANHOLE	SDG No.:	LB92778
Lab Sample ID:	J1213-03	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0.00039	U	1	0.003		0.005	mg/L	01/22/2018	01/22/2018	9012B



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Report of Analysis

Client:		Date Collected:	1/18/2018 12:00:00 AM
Project:	LB92778	Date Received:	1/19/2018 12:00:00 AM
Client Sample ID:	WC-PH3-MGP-01	SDG No.:	LB92778
Lab Sample ID:	J1214-01	Matrix:	Solid
Level (low/med):	low	% Solid:	23.3

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0.11	U	1	0.14		1.1	mg/Kg	01/22/2018	01/22/2018	9012B



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Report of Analysis

Client:		Date Collected:	1/18/2018 12:00:00 AM
Project:	LB92778	Date Received:	1/19/2018 12:00:00 AM
Client Sample ID:	WC-PH3-MGP-02	SDG No.:	LB92778
Lab Sample ID:	J1214-02	Matrix:	Solid
Level (low/med):	low	% Solid:	37.1

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0.15	J	1	0.087		0.66	mg/Kg	01/22/2018	01/22/2018	9012B



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Report of Analysis

Client:		Date Collected:	1/19/2018 12:00:00 AM
Project:	LB92778	Date Received:	1/19/2018 12:00:00 AM
Client Sample ID:	OILY-GRAVEL	SDG No.:	LB92778
Lab Sample ID:	J1218-01	Matrix:	Solid
Level (low/med):	low	% Solid:	100

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0.087	J	1	0.031		0.24	mg/Kg	01/22/2018	01/22/2018	9012B



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Report of Analysis

Client:		Date Collected:	1/18/2018 12:00:00 AM
Project:	LB92778	Date Received:	1/19/2018 12:00:00 AM
Client Sample ID:	COMP-1	SDG No.:	LB92778
Lab Sample ID:	J1228-22	Matrix:	Solid
Level (low/med):	low	% Solid:	85

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	-0.012	U	1	0.038		0.29	mg/Kg	01/22/2018	01/22/2018	9012B



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Report of Analysis

Client:		Date Collected:	1/18/2018 12:00:00 AM
Project:	LB92778	Date Received:	1/19/2018 12:00:00 AM
Client Sample ID:	COMP-2	SDG No.:	LB92778
Lab Sample ID:	J1228-23	Matrix:	Solid
Level (low/med):	low	% Solid:	86.2

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0.087	J	1	0.038		0.28	mg/Kg	01/22/2018	01/22/2018	9012B



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Report of Analysis

Client:		Date Collected:	1/18/2018 12:00:00 AM
Project:	LB92778	Date Received:	1/19/2018 12:00:00 AM
Client Sample ID:	COMP-3	SDG No.:	LB92778
Lab Sample ID:	J1228-24	Matrix:	Solid
Level (low/med):	low	% Solid:	89.3

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0.037	J	1	0.036		0.27	mg/Kg	01/22/2018	01/22/2018	9012B



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Report of Analysis

Client:		Date Collected:	1/18/2018 12:00:00 AM
Project:	LB92778	Date Received:	1/19/2018 12:00:00 AM
Client Sample ID:	COMP-4	SDG No.:	LB92778
Lab Sample ID:	J1228-25	Matrix:	Solid
Level (low/med):	low	% Solid:	88.7

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0.86		1	0.037		0.28	mg/Kg	01/22/2018	01/22/2018	9012B

Report of Analysis

Client:		Date Collected:	1/18/2018 12:00:00 AM
Project:	LB92778	Date Received:	1/19/2018 12:00:00 AM
Client Sample ID:	COMP-5	SDG No.:	LB92778
Lab Sample ID:	J1228-26	Matrix:	Solid
Level (low/med):	low	% Solid:	90.3

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	-0.033	U	1	0.035		0.27	mg/Kg	01/22/2018	01/22/2018	9012B



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Report of Analysis

Client:		Date Collected:	1/19/2018 12:00:00 AM
Project:	LB92778	Date Received:	1/19/2018 12:00:00 AM
Client Sample ID:	EXCAVATION	SDG No.:	LB92778
Lab Sample ID:	J1230-03	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0.00051	U	1	0.003		0.005	mg/L	01/22/2018	01/22/2018	9012B



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Report of Analysis

Client:		Date Collected:	1/19/2018 12:00:00 AM
Project:	LB92778	Date Received:	1/19/2018 12:00:00 AM
Client Sample ID:	EXCAVATION	SDG No.:	LB92778
Lab Sample ID:	J1230-03	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
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Color Before:

Clarity Before:

Texture:

Color After:

Clarity After:

Artifacts:

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N = Spiked sample recovery not within control limits



GENCHEM

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB92778

SDG No.: LB92778

Contract: _____

Lab Code: CHEM

Case No.: LB92778

SAS No.: LB92778

Initial Calibration Source: _____

Continuing Calibration Source: _____

Sample ID	Analyte	Result mg/L	True Value	% Recovery	Qual	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV1	Cyanide	0.094	0.099	94.9		85 - 115		01/22/2018	15:30	LB92778



GENCHEM

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB92778

SDG No.: LB92778

Contract: _____ Lab Code: CHEM

Case No.: LB92778

SAS No.: LB92778

Initial Calibration Source: _____

Continuing Calibration Source: _____

Sample ID	Analyte	Result mg/L	True Value	% Recovery	Qual	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV1	Cyanide	0.25	0.25	100		90 - 110		01/22/2018	15:30	LB92778
CCV2	Cyanide	0.24	0.25	96		90 - 110		01/22/2018	15:37	LB92778
CCV3	Cyanide	0.26	0.25	104		90 - 110		01/22/2018	15:48	LB92778
CCV4	Cyanide	0.26	0.25	104		90 - 110		01/22/2018	16:00	LB92778
CCV5	Cyanide	0.25	0.25	100		90 - 110		01/22/2018	16:21	LB92778



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB92778

SDG No.: LB92778

Contract:

Lab Code: CHEM

Case No.: LB92778

SAS No.: LB92778

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	Cyanide	-0.00075	+/-0.005	U		0.005		01/22/2018	15:30	LB92778



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB92778

SDG No.: LB92778

Contract: Lab Code: CHEM

Case No.: LB92778

SAS No.: LB92778

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	Cyanide	-0.0006	+/-0.005	U		0.005		01/22/2018	15:30	LB92778
CCB2	Cyanide	-0.00076	+/-0.005	U		0.005		01/22/2018	15:37	LB92778
CCB3	Cyanide	-0.00068	+/-0.005	U		0.005		01/22/2018	15:48	LB92778
CCB4	Cyanide	-0.00071	+/-0.005	U		0.005		01/22/2018	16:00	LB92778
CCB5	Cyanide	-0.00084	+/-0.005	U		0.005		01/22/2018	16:21	LB92778



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB92778

SDG No.: LB92778

Contract: Lab Code: CHEM

Case No.: LB92778

SAS No.: LB92778

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
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GENCHEM
- 3b -
PREPARATION BLANK SUMMARY

Client: LB92778

SDG No.: LB92778

Instrument: Konelab 20

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	LOD mg/Kg	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB105844BL	Cyanide	SOLID	<0.25	Batch Number:		PB105844		Prep Date:		01/22/2018
		-0.051		U		0.25		01/22/2018	15:30	LB92778
Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	LOD mg/Kg	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB105857BL	Cyanide	SOLID	<0.25	Batch Number:		PB105857		Prep Date:		01/22/2018
		-0.046		U		0.25		01/22/2018	15:42	LB92778
Sample ID	Analyte	Result (mg/L)	Acceptance Limit	Conc Qual	LOD mg/L	CRQL mg/L	M	Analysis Date	Analysis Time	Run
PB105858BL	Cyanide	WATER	<0.005	Batch Number:		PB105858		Prep Date:		01/22/2018
		-0.00076		U		0.005		01/22/2018	15:56	LB92778



GENCHEM
- 5a -
MATRIX SPIKE SUMMARY

client: LB92778 level: low sdg no.: LB92778
contract: lab code: CHEM case no.: LB92778 sas no.: LB92778
matrix: Solid sample id: J1210-01 client id: RT-3992MS
Percent Solids for Sample: 89.8 Spiked ID: J1210-01MS Percent Solids for Spike Sample: 89.8

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Cyanide	mg/Kg	75 - 125	0.8		0.036	U	2.2	36.4	*	



GENCHEM
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: LB92778 level: low sdg no.: LB92778
contract: lab code: CHEM case no.: LB92778 sas no.: LB92778
matrix: Solid sample id: J1210-01 client id: RT-3992MSD
Percent Solids for Sample: 89.8 Spiked ID: J1210-01MSD Percent Solids for Spike Sample: 89.8

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Cyanide	mg/Kg	75 - 125	0.81		0.036	U	2.2	36.8	*	



GENCHEM
- 5a -
MATRIX SPIKE SUMMARY

client: LB92778 level: low sdg no.: LB92778
contract: lab code: CHEM case no.: LB92778 sas no.: LB92778
matrix: Solid sample id: J1212-03 client id: OILY-STONESMS
Percent Solids for Sample: 100 Spiked ID: J1212-03MS Percent Solids for Spike Sample: 100

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Cyanide	mg/Kg	75 - 125	1.7		0.032	U	2	85		



GENCHEM
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: LB92778 level: low sdg no.: LB92778
contract: lab code: CHEM case no.: LB92778 sas no.: LB92778
matrix: Solid sample id: J1212-03 client id: OILY-STONESMSD
Percent Solids for Sample: 100 Spiked ID: J1212-03MSD Percent Solids for Spike Sample: 100

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Cyanide	mg/Kg	75 - 125	1.6		0.032	U	2	80		



GENCHEM
- 5a -
MATRIX SPIKE SUMMARY

client: LB92778 level: low sdg no.: LB92778
contract: lab code: CHEM case no.: LB92778 sas no.: LB92778
matrix: WATER sample id: J1213-03 client id: MANHOLEMS
Percent Solids for Sample: 0 Spiked ID: J1213-03MS Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Cyanide	mg/L	75 - 125	0.034		0.003	U	0.04	85		



GENCHEM
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: LB92778 level: low sdg no.: LB92778
contract: lab code: CHEM case no.: LB92778 sas no.: LB92778
matrix: WATER sample id: J1213-03 client id: MANHOLEMSD
Percent Solids for Sample: 0 Spiked ID: J1213-03MSD Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Cyanide	mg/L	75 - 125	0.034		0.003	U	0.04	85		

GENCHEM

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: LB92778 **Level:** LOW **SDG No.:** LB92778
Contract: **Lab Code:** CHEM **Case No.:** LB92778 **SAS No.:** LB92778
Matrix: Solid **Sample ID:** J1210-01 **Client ID:** RT-3992DUP
Percent Solids for Sample: 89.8 **Duplicate ID** J1210-01DUP **Percent Solids for Spike Sample:** 89.8

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Cyanide	mg/Kg	20	0.036	U	0.027	U			

GENCHEM

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: LB92778 **Level:** LOW **SDG No.:** LB92778
Contract: **Lab Code:** CHEM **Case No.:** LB92778 **SAS No.:** LB92778
Matrix: Solid **Sample ID:** J1210-01MS **Client ID:** RT-3992MSD
Percent Solids for Sample: 89.8 **Duplicate ID** J1210-01MSD **Percent Solids for Spike Sample:** 89.8

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Cyanide	mg/Kg	20	0.8		0.81		1		

GENCHEM

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: LB92778 **Level:** LOW **SDG No.:** LB92778
Contract: **Lab Code:** CHEM **Case No.:** LB92778 **SAS No.:** LB92778
Matrix: Solid **Sample ID:** J1212-03 **Client ID:** OILY-STONESDUP
Percent Solids for Sample: 100 **Duplicate ID** J1212-03DUP **Percent Solids for Spike Sample:** 100

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Cyanide	mg/Kg	20	0.032	U	0.00038	U			

GENCHEM

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: LB92778 **Level:** LOW **SDG No.:** LB92778
Contract: **Lab Code:** CHEM **Case No.:** LB92778 **SAS No.:** LB92778
Matrix: Solid **Sample ID:** J1212-03MS **Client ID:** OILY-STONESMSD
Percent Solids for Sample: 100 **Duplicate ID** J1212-03MSD **Percent Solids for Spike Sample:** 100

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Cyanide	mg/Kg	20	1.7		1.6		6		

GENCHEM

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: LB92778 **Level:** LOW **SDG No.:** LB92778
Contract: **Lab Code:** CHEM **Case No.:** LB92778 **SAS No.:** LB92778
Matrix: WATER **Sample ID:** J1213-03 **Client ID:** MANHOLEDUP
Percent Solids for Sample: 0 **Duplicate ID** J1213-03DUP **Percent Solids for Spike Sample:** 0

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Cyanide	mg/L	20	0.003	U	0.0003	U			



GENCHEM

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: LB92778 **Level:** LOW **SDG No.:** LB92778
Contract: **Lab Code:** CHEM **Case No.:** LB92778 **SAS No.:** LB92778
Matrix: WATER **Sample ID:** J1213-03MS **Client ID:** MANHOLEMSD
Percent Solids for Sample: 0 **Duplicate ID** J1213-03MSD **Percent Solids for Spike Sample:** 0

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Cyanide	mg/L	20	0.034		0.034		0		



GENCHEM

- 7 -

LABORATORY CONTROL SAMPLE SUMMARY

Client: LB92778

SDG No.: LB92778

Contract:

Lab Code: CHEM

Case No.: LB92778

SAS No.: LB92778

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB105844BS Cyanide	mg/Kg	4.8	4.8		100	85 - 115	



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- 7 -

LABORATORY CONTROL SAMPLE SUMMARY

Client: LB92778

SDG No.: LB92778

Contract:

Lab Code: CHEM

Case No.: LB92778

SAS No.: LB92778

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB105857BS Cyanide	mg/Kg	4.8	4.7		97.9	85 - 115	



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- 7 -

LABORATORY CONTROL SAMPLE SUMMARY

Client: LB92778

SDG No.: LB92778

Contract:

Lab Code: CHEM

Case No.: LB92778

SAS No.: LB92778

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB105858BS Cyanide	mg/L	0.1	0.097		97	85 - 115	