

Daily Analysis Runlog For Sequence/QC Batch ID # LB95801

Review By

Review On

SubDirectory

LB95801

Test :

Cyanide

STD. NAME		STD REF.#				
ICAL Standard		WP64996,WP64997,WP64998,WP64999,WP6500,WP65001,WP65002				
ICV Standard		W1542				
CCV Standard		WP65003				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		WP62802				
Chk Standard		WP65005,WP64695,WP64696				

Sr#	SampleId	ClientID	QcType	Date	Comment	Status
1	0.0PPBCN	0.0PPBCN	CAL1	06/04/18 11:00		OK
2	5.0PPBCN	5.0PPBCN	CAL2	06/04/18 11:00		OK
3	10PPBCN	10PPBCN	CAL3	06/04/18 11:00		OK
4	50PPBCN	50PPBCN	CAL4	06/04/18 11:00		OK
5	100PPBCN	100PPBCN	CAL5	06/04/18 11:00		OK
6	250PPBCN	250PPBCN	CAL6	06/04/18 11:00		OK
7	500PPBCN	500PPBCN	CAL7	06/04/18 11:00		OK
8	ICV1	ICV1	ICV	06/04/18 14:08		OK
9	ICB1	ICB1	ICB	06/04/18 14:08		OK
10	CCV1	CCV1	CCV	06/04/18 14:08		OK
11	CCB1	CCB1	CCB	06/04/18 14:08		OK
12	PB109924BL	PB109924BL	MB	06/04/18 14:08		OK
13	PB109924BS	PB109924BS	LCS	06/04/18 14:08		OK
14	LOWPB109924	LOWPB109924	SAM	06/04/18 14:08		OK
15	HIGHPB109924	HIGHPB109924	SAM	06/04/18 14:08		OK
16	J3271-01	TP-7A-WC-1	SAM	06/04/18 14:08		OK
17	J3271-01DUP	TP-7A-WC-1DUP	DUP	06/04/18 14:08		OK
18	J3271-01MS	TP-7A-WC-1MS	MS	06/04/18 14:08		OK
19	J3271-01MSD	TP-7A-WC-1MSD	MSD	06/04/18 14:16		OK
20	J3271-03	TP-7A-WC-2	SAM	06/04/18 14:16		OK
21	J3271-05	TP-7A-WC-3	SAM	06/04/18 14:16		OK

Daily Analysis Runlog For Sequence/QC Batch ID # LB95801

Review By		Review On				
SubDirectory		LB95801		Test : Cyanide		
STD. NAME		STD REF.#				
ICAL Standard		WP64996,WP64997,WP64998,WP64999,WP6500,WP65001,WP65002				
ICV Standard		W1542				
CCV Standard		WP65003				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		WP62802				
Chk Standard		WP65005,WP64695,WP64696				
22	CCV2	CCV2	CCV	06/04/18 14:16		OK
23	CCB2	CCB2	CCB	06/04/18 14:16		OK
24	J3271-07	TP-7A-WC-4	SAM	06/04/18 14:16		OK
25	J3286-01	TP-6A-WC-1	SAM	06/04/18 14:16		OK
26	J3286-03	TP-6A-WC-2	SAM	06/04/18 14:16		OK
27	J3286-05	TP-6A-WC-3	SAM	06/04/18 14:16		OK
28	J3286-07	TP-6A-WC-4	SAM	06/04/18 14:16		OK
29	J3286-09	TP-6A-WC-5	SAM	06/04/18 14:16		OK
30	PB109925BL	PB109925BL	MB	06/04/18 14:23		OK
31	PB109925BS	PB109925BS	LCS	06/04/18 14:23		OK
32	J3272-01	RBR-45901-RBR-47	SAM	06/04/18 14:23		OK
33	J3276-04	ES-STONE	SAM	06/04/18 14:23		OK
34	CCV3	CCV3	CCV	06/04/18 14:23		OK
35	CCB3	CCB3	CCB	06/04/18 14:23		OK
36	J3276-04DUP	ES-STONEDUP	DUP	06/04/18 14:23		OK
37	J3276-04MS	ES-STONEMS	MS	06/04/18 14:23		OK
38	J3276-04MSD	ES-STONEMSD	MSD	06/04/18 14:23		OK
39	J3277-03	OILY-STONES	SAM	06/04/18 14:23		OK
40	PB109926BL	PB109926BL	MB	06/04/18 14:23		OK
41	J3273-01	GROUND-WATER	SAM	06/04/18 14:30		OK
42	J3273-01DUP	GROUND-WATERDU	DUP	06/04/18 14:30		OK
43	J3273-01MS	GROUND-WATERMS	MS	06/04/18 14:30		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 # LB95801

Review By		Review On				
SubDirectory		Test : Cyanide				
LB95801						
STD. NAME		STD REF.#				
ICAL Standard		WP64996,WP64997,WP64998,WP64999,WP6500,WP65001,WP65002				
ICV Standard		W1542				
CCV Standard		WP65003				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		WP62802				
Chk Standard		WP65005,WP64695,WP64696				
44	J3273-01MSD	GROUND-WATERMS	MSD	06/04/18 14:30		OK
45	PB109926BS	PB109926BS	LCS	06/04/18 14:46		OK
46	CCV4	CCV4	CCV	06/04/18 14:46		OK
47	CCB4	CCB4	CCB	06/04/18 14:46		OK



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Report of Analysis

Client:		Date Collected:	
Project:	LB95801	Date Received:	
Client Sample ID:	HIGHPB109924	SDG No.:	LB95801
Lab Sample ID:	HIGHPB109924	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	0.49		1	0.003		0.005	mg/L		06/04/2018	9012B



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Report of Analysis

Client:		Date Collected:	5/31/2018 12:00:00 AM
Project:	LB95801	Date Received:	6/1/2018 12:00:00 AM
Client Sample ID:	TP-7A-WC-1	SDG No.:	LB95801
Lab Sample ID:	J3271-01	Matrix:	Solid
Level (low/med):	low	% Solid:	80.2

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0.11	J	1	0.04		0.3	mg/Kg	06/04/2018	06/04/2018	9012B



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Report of Analysis

Client:		Date Collected:	5/31/2018 12:00:00 AM
Project:	LB95801	Date Received:	6/1/2018 12:00:00 AM
Client Sample ID:	TP-7A-WC-2	SDG No.:	LB95801
Lab Sample ID:	J3271-03	Matrix:	Solid
Level (low/med):	low	% Solid:	80.7

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0.057	J	1	0.039		0.3	mg/Kg	06/04/2018	06/04/2018	9012B



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Report of Analysis

Client:		Date Collected:	5/31/2018 12:00:00 AM
Project:	LB95801	Date Received:	6/1/2018 12:00:00 AM
Client Sample ID:	TP-7A-WC-3	SDG No.:	LB95801
Lab Sample ID:	J3271-05	Matrix:	Solid
Level (low/med):	low	% Solid:	82.4

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0.063	J	1	0.038		0.29	mg/Kg	06/04/2018	06/04/2018	9012B



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Report of Analysis

Client:		Date Collected:	5/31/2018 12:00:00 AM
Project:	LB95801	Date Received:	6/1/2018 12:00:00 AM
Client Sample ID:	TP-7A-WC-4	SDG No.:	LB95801
Lab Sample ID:	J3271-07	Matrix:	Solid
Level (low/med):	low	% Solid:	82.5

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0.038	J	1	0.038		0.29	mg/Kg	06/04/2018	06/04/2018	9012B



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Report of Analysis

Client:		Date Collected:	6/1/2018 12:00:00 AM
Project:	LB95801	Date Received:	6/1/2018 12:00:00 AM
Client Sample ID:	RBR-45901-RBR-47184-RBR-47183	SDG No.:	LB95801
Lab Sample ID:	J3272-01	Matrix:	Solid
Level (low/med):	low	% Solid:	89

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0.1	J	1	0.036		0.27	mg/Kg	06/04/2018	06/04/2018	9012B



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Report of Analysis

Client:		Date Collected:	6/1/2018 12:00:00 AM
Project:	LB95801	Date Received:	6/1/2018 12:00:00 AM
Client Sample ID:	GROUND-WATER	SDG No.:	LB95801
Lab Sample ID:	J3273-01	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	0.002	U	1	0.003		0.005	mg/L	06/04/2018	06/04/2018	9012B



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Report of Analysis

Client:		Date Collected:	6/1/2018 12:00:00 AM
Project:	LB95801	Date Received:	6/1/2018 12:00:00 AM
Client Sample ID:	ES-STONE	SDG No.:	LB95801
Lab Sample ID:	J3276-04	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	0.1	J	1	0.032		0.24	mg/Kg	06/04/2018	06/04/2018	9012B



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Report of Analysis

Client:		Date Collected:	6/1/2018 12:00:00 AM
Project:	LB95801	Date Received:	6/1/2018 12:00:00 AM
Client Sample ID:	OILY-STONES	SDG No.:	LB95801
Lab Sample ID:	J3277-03	Matrix:	Solid
Level (low/med):	low	% Solid:	99.2

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0.049	J	1	0.032		0.24	mg/Kg	06/04/2018	06/04/2018	9012B



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Report of Analysis

Client:		Date Collected:	6/1/2018 12:00:00 AM
Project:	LB95801	Date Received:	6/1/2018 12:00:00 AM
Client Sample ID:	TP-6A-WC-1	SDG No.:	LB95801
Lab Sample ID:	J3286-01	Matrix:	Solid
Level (low/med):	low	% Solid:	90.5

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0.076	J	1	0.035		0.27	mg/Kg	06/04/2018	06/04/2018	9012B



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Report of Analysis

Client:		Date Collected:	6/1/2018 12:00:00 AM
Project:	LB95801	Date Received:	6/1/2018 12:00:00 AM
Client Sample ID:	TP-6A-WC-2	SDG No.:	LB95801
Lab Sample ID:	J3286-03	Matrix:	Solid
Level (low/med):	low	% Solid:	78.5

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0.063	J	1	0.041		0.31	mg/Kg	06/04/2018	06/04/2018	9012B



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Report of Analysis

Client:		Date Collected:	6/1/2018 12:00:00 AM
Project:	LB95801	Date Received:	6/1/2018 12:00:00 AM
Client Sample ID:	TP-6A-WC-3	SDG No.:	LB95801
Lab Sample ID:	J3286-05	Matrix:	Solid
Level (low/med):	low	% Solid:	72.7

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0.065	J	1	0.045		0.34	mg/Kg	06/04/2018	06/04/2018	9012B



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Report of Analysis

Client:		Date Collected:	6/1/2018 12:00:00 AM
Project:	LB95801	Date Received:	6/1/2018 12:00:00 AM
Client Sample ID:	TP-6A-WC-4	SDG No.:	LB95801
Lab Sample ID:	J3286-07	Matrix:	Solid
Level (low/med):	low	% Solid:	82.5

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0.071	J	1	0.04		0.3	mg/Kg	06/04/2018	06/04/2018	9012B



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Report of Analysis

Client:		Date Collected:	6/1/2018 12:00:00 AM
Project:	LB95801	Date Received:	6/1/2018 12:00:00 AM
Client Sample ID:	TP-6A-WC-5	SDG No.:	LB95801
Lab Sample ID:	J3286-09	Matrix:	Solid
Level (low/med):	low	% Solid:	78.3

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0.058	J	1	0.04		0.3	mg/Kg	06/04/2018	06/04/2018	9012B



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Report of Analysis

Client:		Date Collected:	
Project:	LB95801	Date Received:	
Client Sample ID:	LOWPB109924	SDG No.:	LB95801
Lab Sample ID:	LOWPB109924	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	0.01		1	0.003		0.005	mg/L		06/04/2018	9012B



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Report of Analysis

Client:		Date Collected:	
Project:	LB95801	Date Received:	
Client Sample ID:	LOWPB109924	SDG No.:	LB95801
Lab Sample ID:	LOWPB109924	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: LB95801

SDG No.: LB95801

Contract: _____ Lab Code: CHEM

Case No.: LB95801 SAS No.: LB95801

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	0.096	0.099	97		85 - 115		06/04/2018	14:08	LB95801



GENCHEM

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB95801

SDG No.: LB95801

Contract: _____ Lab Code: CHEM

Case No.: LB95801

SAS No.: LB95801

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	0.24	0.25	96		90 - 110		06/04/2018	14:08	LB95801
CCV2	Cyanide	0.24	0.25	96		90 - 110		06/04/2018	14:16	LB95801
CCV3	Cyanide	0.24	0.25	96		90 - 110		06/04/2018	14:23	LB95801
CCV4	Cyanide	0.26	0.25	104		90 - 110		06/04/2018	14:46	LB95801



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB95801 **SDG No.:** LB95801
Contract: **Lab Code:** CHEM **Case No.:** LB95801 **SAS No.:** LB95801

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	Cyanide	0.00035	+/-0.005	U		0.005		06/04/2018	14:08	LB95801



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB95801

SDG No.: LB95801

Contract:

Lab Code: CHEM

Case No.: LB95801

SAS No.: LB95801

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	Cyanide	0.00044	+/-0.005	U		0.005		06/04/2018	14:08	LB95801
CCB2	Cyanide	0.00049	+/-0.005	U		0.005		06/04/2018	14:16	LB95801
CCB3	Cyanide	0.00074	+/-0.005	U		0.005		06/04/2018	14:23	LB95801
CCB4	Cyanide	0.00065	+/-0.005	U		0.005		06/04/2018	14:46	LB95801



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB95801

SDG No.: LB95801

Contract: Lab Code: CHEM

Case No.: LB95801

SAS No.: LB95801

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: LB95801

SDG No.: LB95801

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
PB109924BL	Cyanide	SOLID		Batch Number:		PB109924		Prep Date:	06/04/2018	
		0.025	<0.25	U		0.25		06/04/2018	14:08	LB95801
Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	LOD mg/Kg	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB109925BL	Cyanide	SOLID		Batch Number:		PB109925		Prep Date:	06/04/2018	
		0.013	<0.25	U		0.25		06/04/2018	14:23	LB95801
Sample ID	Analyte	Result (mg/L)	Acceptance Limit	Conc Qual	LOD mg/L	CRQL mg/L	M	Analysis Date	Analysis Time	Run
PB109926BL	Cyanide	WATER		Batch Number:		PB109926		Prep Date:	06/04/2018	
		0.00073	<0.005	U		0.005		06/04/2018	14:23	LB95801



GENCHEM
- 5a -
MATRIX SPIKE SUMMARY

client: LB95801 level: low sdg no.: LB95801
contract: lab code: CHEM case no.: LB95801 sas no.: LB95801
matrix: Solid sample id: J3271-01 client id: TP-7A-WC-1MS
Percent Solids for Sample: 80.2 Spiked ID: J3271-01MS Percent Solids for Spike Sample: 80.2

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Cyanide	mg/Kg	75 - 125	2.3		0.11	J	2.4	91		



GENCHEM
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: LB95801 level: low sdg no.: LB95801
contract: lab code: CHEM case no.: LB95801 sas no.: LB95801
matrix: Solid sample id: J3271-01 client id: TP-7A-WC-1MSD
Percent Solids for Sample: 80.2 Spiked ID: J3271-01MSD Percent Solids for Spike Sample: 80.2

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Cyanide	mg/Kg	75 - 125	2.2		0.11	J	2.4	87		



GENCHEM
- 5a -
MATRIX SPIKE SUMMARY

client: LB95801 level: low sdg no.: LB95801
contract: lab code: CHEM case no.: LB95801 sas no.: LB95801
matrix: WATER sample id: J3273-01 client id: GROUND-WATERMS
Percent Solids for Sample: 0 Spiked ID: J3273-01MS 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	0.039		0.003	U	0.04	97.5		



GENCHEM
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: LB95801 level: low sdg no.: LB95801
contract: lab code: CHEM case no.: LB95801 sas no.: LB95801
matrix: WATER sample id: J3273-01 client id: GROUND-WATERMSD
Percent Solids for Sample: 0 Spiked ID: J3273-01MSD 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	0.04		0.003	U	0.04	100		



GENCHEM
- 5a -
MATRIX SPIKE SUMMARY

client: LB95801 level: low sdg no.: LB95801
contract: lab code: CHEM case no.: LB95801 sas no.: LB95801
matrix: Solid sample id: J3276-04 client id: ES-STONEMS
Percent Solids for Sample: 100 Spiked ID: J3276-04MS 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	2.1		0.1	J	1.9	105		



GENCHEM
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: LB95801 level: low sdg no.: LB95801
contract: lab code: CHEM case no.: LB95801 sas no.: LB95801
matrix: Solid sample id: J3276-04 client id: ES-STONEMSD
Percent Solids for Sample: 100 Spiked ID: J3276-04MSD 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	2.1		0.1	J	1.9	105		

GENCHEM

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DUPLICATE SAMPLE SUMMARY

Client: LB95801 **Level:** LOW **SDG No.:** LB95801
Contract: **Lab Code:** CHEM **Case No.:** LB95801 **SAS No.:** LB95801
Matrix: Solid **Sample ID:** J3271-01 **Client ID:** TP-7A-WC-1DUP
Percent Solids for Sample: 80.2 **Duplicate ID** J3271-01DUP **Percent Solids for Spike Sample:** 80.2

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Cyanide	mg/Kg	20	0.11	J	0.084	J	27	*	

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DUPLICATE SAMPLE SUMMARY

Client: LB95801 **Level:** LOW **SDG No.:** LB95801
Contract: **Lab Code:** CHEM **Case No.:** LB95801 **SAS No.:** LB95801
Matrix: Solid **Sample ID:** J3271-01MS **Client ID:** TP-7A-WC-1MSD
Percent Solids for Sample: 80.2 **Duplicate ID** J3271-01MSD **Percent Solids for Spike Sample:** 80.2

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Cyanide	mg/Kg	20	2.3		2.2		4		

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DUPLICATE SAMPLE SUMMARY

Client: LB95801 **Level:** LOW **SDG No.:** LB95801
Contract: **Lab Code:** CHEM **Case No.:** LB95801 **SAS No.:** LB95801
Matrix: WATER **Sample ID:** J3273-01 **Client ID:** GROUND-WATERDUP
Percent Solids for Sample: 0 **Duplicate ID** J3273-01DUP **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	0.0021	U			

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DUPLICATE SAMPLE SUMMARY

Client: LB95801 **Level:** LOW **SDG No.:** LB95801
Contract: **Lab Code:** CHEM **Case No.:** LB95801 **SAS No.:** LB95801
Matrix: WATER **Sample ID:** J3273-01MS **Client ID:** GROUND-WATERMSD
Percent Solids for Sample: 0 **Duplicate ID** J3273-01MSD **Percent Solids for Spike Sample:** 0

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Cyanide	mg/L	20	0.039		0.04		3		

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DUPLICATE SAMPLE SUMMARY

Client: LB95801 **Level:** LOW **SDG No.:** LB95801
Contract: **Lab Code:** CHEM **Case No.:** LB95801 **SAS No.:** LB95801
Matrix: Solid **Sample ID:** J3276-04 **Client ID:** ES-STONEDUP
Percent Solids for Sample: 100 **Duplicate ID** J3276-04DUP **Percent Solids for Spike Sample:** 100

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Cyanide	mg/Kg	20	0.1	J	0.1	J	0		

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DUPLICATE SAMPLE SUMMARY

Client: LB95801 **Level:** LOW **SDG No.:** LB95801
Contract: **Lab Code:** CHEM **Case No.:** LB95801 **SAS No.:** LB95801
Matrix: Solid **Sample ID:** J3276-04MS **Client ID:** ES-STONEMSD
Percent Solids for Sample: 100 **Duplicate ID** J3276-04MSD **Percent Solids for Spike Sample:** 100

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Cyanide	mg/Kg	20	2.1		2.1		0		



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LABORATORY CONTROL SAMPLE SUMMARY

Client: LB95801

SDG No.: LB95801

Contract:

Lab Code: CHEM

Case No.: LB95801

SAS No.: LB95801

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB109924BS Cyanide	mg/Kg	5	4.8		96	85 - 115	



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LABORATORY CONTROL SAMPLE SUMMARY

Client: LB95801

SDG No.: LB95801

Contract:

Lab Code: CHEM

Case No.: LB95801

SAS No.: LB95801

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB109925BS Cyanide	mg/Kg	5	4.9		98	85 - 115	



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LABORATORY CONTROL SAMPLE SUMMARY

Client: LB95801

SDG No.: LB95801

Contract:

Lab Code: CHEM

Case No.: LB95801

SAS No.: LB95801

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB109926BS Cyanide	mg/L	0.1	0.1		100	85 - 115	