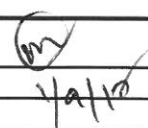


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Analytical Review Report

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 Analyst : AK
 Data File : LB85185.csv

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 Approved Date : 1/11/17
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mg056 - A - Inorganic Arsenic - 12

Lab Sample ID	Client ID		Raw Amt PPB	Dil	Matrix	A. Date	Prep Method	Analysis Method			Line 1	
Parameter						%Rec	LCL	UCL	RPD	Max RPD	Units	Line 2
Bromide												
STD1	STD1				W	12/20/16						
Bromide		PASS	0.000		0.000						mg/L	
STD2	STD2				W	12/20/16						
Bromide		PASS	1.415		1.42						mg/L	
STD3	STD3				W	12/20/16						
Bromide		PASS	2.676		2.68						mg/L	
STD4	STD4				W	12/20/16						
Bromide		PASS	4.317		4.32						mg/L	
STD5	STD5				W	12/20/16						
Bromide		PASS	9.639		9.64						mg/L	
STD6	STD6				W	12/20/16						
Bromide		PASS	18.895		18.9						mg/L	
STD7	STD7				W	12/20/16						
Bromide		PASS	23.462		23.5						mg/L	
STD8	STD8				W	12/20/16						
Bromide		PASS	51.095		51.1						mg/L	
CCV1	CCV1				W	12/20/16						
Bromide		PASS	23.293		23.30	93.0	90	110			mg/L	
CCB1	CCB1				W	12/20/16						
Bromide		PASS	0.000		0.000			+/-0.0660			mg/L	
ICV1	ICV1				W	12/20/16						
Bromide		PASS	23.228		23.20	93.0	90	110			mg/L	
ICB1	ICB1				W	12/20/16						
Bromide		PASS	0.000		0.000			+/-0.0660			mg/L	
LB85185BLS	LB85185BLS				S	12/20/16						
Bromide		PASS	0.000		0.000			+/-0.1900			mg/Kg	
LB85185BSS	LB85185BSS				S	12/20/16						
Bromide		PASS	23.968		479.00	96.0	90.00	110.00			mg/Kg	
H6103-01	LOD-SOIL-01-QT1-2017			1	S	12/20/16						
Bromide		PASS	0.117		2.34						mg/Kg	
H6103-02	LOQ-SOIL-02-QT1-2017				S	12/20/16						
Bromide		PASS	1.003		20.10	101.0	50.00	150.00			mg/Kg	
CCV1	CCV1				W	12/21/16						
Bromide		PASS	23.867		23.90	96.0	90	110			mg/L	
CCB1	CCB1				W	12/21/16						
Bromide		PASS	0.000		0.000			+/-0.0660			mg/L	

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Lab Sample ID	Client ID		Raw Amt	Dil	Matrix	A. Date	Prep	Analysis			Line 1
Parameter			PPB		Final Conc	%Rec	Method	Method			Line 2
Chloride											
STD1	STD1				W	12/20/16					
Chloride		PASS	0.000		0.000					mg/L	
STD2	STD2				W	12/20/16					
Chloride		PASS	0.438		0.438					mg/L	
STD3	STD3				W	12/20/16					
Chloride		PASS	0.814		0.814					mg/L	
STD4	STD4				W	12/20/16					
Chloride		PASS	1.297		1.30					mg/L	
STD5	STD5				W	12/20/16					
Chloride		PASS	2.890		2.89					mg/L	
STD6	STD6				W	12/20/16					
Chloride		PASS	5.647		5.65					mg/L	
STD7	STD7				W	12/20/16					
Chloride		PASS	7.023		7.02					mg/L	
STD8	STD8				W	12/20/16					
Chloride		PASS	15.341		15.3					mg/L	
CCV1	CCV1				W	12/20/16					
Chloride		PASS	6.963		6.96	93.0	90	110		mg/L	
CCB1	CCB1				W	12/20/16					
Chloride		PASS	0.000		0.000			+/-0.0750		mg/L	
ICV1	ICV1				W	12/20/16					
Chloride		PASS	6.961		6.96	93.0	90	110		mg/L	
ICB1	ICB1				W	12/20/16					
Chloride		PASS	0.000		0.000			+/-0.0750		mg/L	
LB85185BLS	LB85185BLS				S	12/20/16					
Chloride		PASS	0.000		0.000			+/-0.0320		mg/Kg	
LB85185BSS	LB85185BSS				S	12/20/16					
Chloride		PASS	7.196		144.00	96.0	90.00	110.00		mg/Kg	
H6103-01	LOD-SOIL-01-QT1-2017				S	12/20/16					
Chloride		PASS	0.007	1	0.140					mg/Kg	
H6103-02	LOQ-SOIL-02-QT1-2017				S	12/20/16					
Chloride		PASS	0.304		6.08	101.0	50.00	150.00		mg/Kg	
CCV1	CCV1				W	12/21/16					
Chloride		PASS	7.151		7.15	95.0	90	110		mg/L	
CCB1	CCB1				W	12/21/16					
Chloride		PASS	0.000		0.000			+/-0.0750		mg/L	

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Parameter			PPB		Final Conc	%Rec	Method	Method			Line 2
Fluoride											
STD1	STD1				W	12/20/16					
Fluoride		PASS	0.000		0.000					mg/L	
STD2	STD2				W	12/20/16					
Fluoride		PASS	0.155		0.155					mg/L	
STD3	STD3				W	12/20/16					
Fluoride		PASS	0.437		0.437					mg/L	
STD4	STD4				W	12/20/16					
Fluoride		PASS	0.817		0.817					mg/L	
STD5	STD5				W	12/20/16					
Fluoride		PASS	1.941		1.94					mg/L	
STD6	STD6				W	12/20/16					
Fluoride		PASS	4.024		4.02					mg/L	
STD7	STD7				W	12/20/16					
Fluoride		PASS	4.860		4.86					mg/L	
STD8	STD8				W	12/20/16					
Fluoride		PASS	10.066		10.1					mg/L	
CCV1	CCV1				W	12/20/16					
Fluoride		PASS	4.742		4.74	95.0	90	110		mg/L	
CCB1	CCB1				W	12/20/16					
Fluoride		PASS	0.000		0.000			+/-0.0430		mg/L	
ICV1	ICV1				W	12/20/16					
Fluoride		PASS	4.498		4.50	90.0	90	110		mg/L	
ICB1	ICB1				W	12/20/16					
Fluoride		PASS	0.000		0.000			+/-0.0430		mg/L	
LB85185BLS	LB85185BLS				S	12/20/16					
Fluoride		PASS	0.000		0.000			+/-0.0170		mg/Kg	
LB85185BSS	LB85185BSS				S	12/20/16					
Fluoride		PASS	4.821		96.40	96.0	90.00	110.00		mg/Kg	
H6103-01	LOD-SOIL-01-QT1-2017				S	12/20/16					
Fluoride		PASS	0.043	1	0.860					mg/Kg	
H6103-02	LOQ-SOIL-02-QT1-2017				S	12/20/16					
Fluoride		PASS	0.219		4.38	110.0	50.00	150.00		mg/Kg	
CCV1	CCV1				W	12/21/16					
Fluoride		PASS	5.058		5.06	101.0	90	110		mg/L	
CCB1	CCB1				W	12/21/16					
Fluoride		PASS	0.000		0.000			+/-0.0430		mg/L	

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Parameter			PPB		Final Conc	%Rec	Method	Method			Line 2
Nitrate											
STD1	STD1				W	12/20/16					
Nitrate		PASS	0.000		0.000					mg/L	
STD2	STD2				W	12/20/16					
Nitrate		PASS	0.304		0.304					mg/L	
STD3	STD3				W	12/20/16					
Nitrate		PASS	0.603		0.603					mg/L	
STD4	STD4				W	12/20/16					
Nitrate		PASS	0.969		0.969					mg/L	
STD5	STD5				W	12/20/16					
Nitrate		PASS	2.179		2.18					mg/L	
STD6	STD6				W	12/20/16					
Nitrate		PASS	4.281		4.28					mg/L	
STD7	STD7				W	12/20/16					
Nitrate		PASS	5.315		5.32					mg/L	
STD8	STD8				W	12/20/16					
Nitrate		PASS	11.540		11.5					mg/L	
CCV1	CCV1				W	12/20/16					
Nitrate		PASS	5.278		5.28	93.0	90	110		mg/L	
CCB1	CCB1				W	12/20/16					
Nitrate		PASS	0.000		0.000			+/-0.0270		mg/L	
ICV1	ICV1				W	12/20/16					
Nitrate		PASS	5.846		5.85	94.0	90	110		mg/L	
ICB1	ICB1				W	12/20/16					
Nitrate		PASS	0.000		0.000			+/-0.0270		mg/L	
LB85185BLS	LB85185BLS				S	12/20/16					
Nitrate		PASS	0.000		0.000			+/-0.0110		mg/Kg	
LB85185BSS	LB85185BSS				S	12/20/16					
Nitrate		PASS	6.037		121.00	97.0	90.00	110.00		mg/Kg	
H6103-01	LOD-SOIL-01-QT1-2017			1	S	12/20/16					
Nitrate		PASS	0.026		0.520					mg/Kg	
H6103-02	LOQ-SOIL-02-QT1-2017				S	12/20/16					
Nitrate		PASS	0.249		4.98	100.0	50.00	150.00		mg/Kg	
CCV1	CCV1				W	12/21/16					
Nitrate		PASS	5.409		5.41	96.0	90	110		mg/L	
CCB1	CCB1				W	12/21/16					
Nitrate		PASS	0.000		0.000			+/-0.0270		mg/L	

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Lab Sample ID	Client ID		Raw Amt PPB	Dil	Matrix	A. Date	Prep Method	Analysis Method			Line 1	
Parameter						%Rec	LCL	UCL	RPD	Max RPD	Units	Line 2
Nitrite												
STD1	STD1				W	12/20/16						
Nitrite		PASS	0.000		0.000						mg/L	
STD2	STD2				W	12/20/16						
Nitrite		PASS	0.360		0.360						mg/L	
STD3	STD3				W	12/20/16						
Nitrite		PASS	0.738		0.738						mg/L	
STD4	STD4				W	12/20/16						
Nitrite		PASS	1.248		1.25						mg/L	
STD5	STD5				W	12/20/16						
Nitrite		PASS	2.912		2.91						mg/L	
STD6	STD6				W	12/20/16						
Nitrite		PASS	5.809		5.81						mg/L	
STD7	STD7				W	12/20/16						
Nitrite		PASS	7.242		7.24						mg/L	
STD8	STD8				W	12/20/16						
Nitrite		PASS	15.451		15.5						mg/L	
CCV1	CCV1				W	12/20/16						
Nitrite		PASS	7.201		7.20	95.0	90	110			mg/L	
CCB1	CCB1				W	12/20/16						
Nitrite		PASS	0.000		0.000			+/-0.0220			mg/L	
ICV1	ICV1				W	12/20/16						
Nitrite		PASS	7.110		7.11	95.0	90	110			mg/L	
ICB1	ICB1				W	12/20/16						
Nitrite		PASS	0.000		0.000			+/-0.0220			mg/L	
LB85185BLS	LB85185BLS				S	12/20/16						
Nitrite		PASS	0.000		0.000			+/-0.0100			mg/Kg	
LB85185BSS	LB85185BSS				S	12/20/16						
Nitrite		PASS	7.328		147.00	98.0	90.00	110.00			mg/Kg	
H6103-01	LOD-SOIL-01-QT1-2017				S	12/20/16						
Nitrite		PASS	0.069		1.38						mg/Kg	
H6103-02	LOQ-SOIL-02-QT1-2017				S	12/20/16						
Nitrite		PASS	0.318		6.36	106.0	50.00	150.00			mg/Kg	
CCV1	CCV1				W	12/21/16						
Nitrite		PASS	7.443		7.44	98.0	90	110			mg/L	
CCB1	CCB1				W	12/21/16						
Nitrite		PASS	0.000		0.000			+/-0.0220			mg/L	

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Lab Sample ID	Client ID		Raw Amt	Dil	Matrix	A. Date	Prep	Analysis			Line 1
Parameter			PPB		Final Conc	%Rec	Method	Method			Line 2
Ortho Phosphate											
STD1	STD1				W	12/20/16					
Ortho Phosphate		PASS	0.000		0.000					mg/L	
STD2	STD2				W	12/20/16					
Ortho Phosphate		PASS	0.437		0.437					mg/L	
STD3	STD3				W	12/20/16					
Ortho Phosphate		PASS	1.144		1.14					mg/L	
STD4	STD4				W	12/20/16					
Ortho Phosphate		PASS	2.173		2.17					mg/L	
STD5	STD5				W	12/20/16					
Ortho Phosphate		PASS	4.526		4.53					mg/L	
STD6	STD6				W	12/20/16					
Ortho Phosphate		PASS	8.996		9.00					mg/L	
STD7	STD7				W	12/20/16					
Ortho Phosphate		PASS	12.297		12.3					mg/L	
STD8	STD8				W	12/20/16					
Ortho Phosphate		PASS	24.388		24.4					mg/L	
CCV1	CCV1				W	12/20/16					
Ortho Phosphate		PASS	11.293		11.30	93.0	90	110		mg/L	
CCB1	CCB1				W	12/20/16					
Ortho Phosphate		PASS	0.000		0.000			+/-0.0100		mg/L	
ICV1	ICV1				W	12/20/16					
Ortho Phosphate		PASS	11.337		11.30	90.0	90	110		mg/L	
ICB1	ICB1				W	12/20/16					
Ortho Phosphate		PASS	0.000		0.000			+/-0.0100		mg/L	
LB85185BLS	LB85185BLS				S	12/20/16					
Ortho Phosphate		PASS	0.000		0.000			+/-0.0020		mg/Kg	
LB85185BSS	LB85185BSS				S	12/20/16					
Ortho Phosphate		PASS	12.073		241.00	96.0	90.00	110.00		mg/Kg	
H6103-01	LOD-SOIL-01-QT1-2017				S	12/20/16					
Ortho Phosphate		PASS	0.037		0.740					mg/Kg	
H6103-02	LOQ-SOIL-02-QT1-2017				S	12/20/16					
Ortho Phosphate		PASS	0.609		12.20	122.0	50.00	150.00		mg/Kg	
CCV1	CCV1				W	12/21/16					
Ortho Phosphate		PASS	12.201		12.20	101.0	90	110		mg/L	
CCB1	CCB1				W	12/21/16					
Ortho Phosphate		PASS	0.000		0.000			+/-0.0100		mg/L	

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Parameter			PPB		Final Conc	%Rec	Method	Method			Line 2
Sulfate											
STD1	STD1				W	12/20/16					
Sulfate		PASS	0.000		0.000					mg/L	
STD2	STD2				W	12/20/16					
Sulfate		PASS	2.423		2.42					mg/L	
STD3	STD3				W	12/20/16					
Sulfate		PASS	4.225		4.22					mg/L	
STD4	STD4				W	12/20/16					
Sulfate		PASS	6.547		6.55					mg/L	
STD5	STD5				W	12/20/16					
Sulfate		PASS	14.250		14.2					mg/L	
STD6	STD6				W	12/20/16					
Sulfate		PASS	28.030		28.0					mg/L	
STD7	STD7				W	12/20/16					
Sulfate		PASS	34.907		34.9					mg/L	
STD8	STD8				W	12/20/16					
Sulfate		PASS	76.868		76.9					mg/L	
CCV1	CCV1				W	12/20/16					
Sulfate		PASS	34.663		34.70	93.0	90	110		mg/L	
CCB1	CCB1				W	12/20/16					
Sulfate		PASS	0.000		0.000			+/-0.1320		mg/L	
ICV1	ICV1				W	12/20/16					
Sulfate		PASS	34.535		34.50	92.0	90	110		mg/L	
ICB1	ICB1				W	12/20/16					
Sulfate		PASS	0.000		0.000			+/-0.1320		mg/L	
LB85185BLS	LB85185BLS				S	12/20/16					
Sulfate		PASS	0.000		0.000			+/-0.0960		mg/Kg	
LB85185BSS	LB85185BSS				S	12/20/16					
Sulfate		PASS	35.602		712.00	95.0	90.00	110.00		mg/Kg	
H6103-01	LOD-SOIL-01-QT1-2017				S	12/20/16					
Sulfate		PASS	0.302	1	6.04					mg/Kg	
H6103-02	LOQ-SOIL-02-QT1-2017				S	12/20/16					
Sulfate		PASS	1.652		33.00	110.0	50.00	150.00		mg/Kg	
CCV1	CCV1				W	12/21/16					
Sulfate		PASS	35.469		35.50	95.0	90	110		mg/L	
CCB1	CCB1				W	12/21/16					
Sulfate		PASS	0.000		0.000			+/-0.1320		mg/L	