

Bratcher, Mike, EMNRD

From: Michael Stubblefield <mcstubblefield@talonlpe.com>
Sent: Monday, February 04, 2013 6:01 PM
To: Bratcher, Mike, EMNRD
Cc: Michael Barrett; Jerry Smith
Subject: PDF Document H300306 TALON (3).pdf
Attachments: LRR Atoka SA Unit No.100 digram for soil sampling locations..pdf; Lime Rock Resources, LLC Atoka SA Ut. No. 100 004.JPG; Lime Rock Resources, LLC Atoka SA Ut. No. 100 007.JPG; H300306 TALON (3).pdf

Dear Mr. Bratcher,

Talon/LPE is sending the analytical testing results for soil samples collected at the Atoka SA Unit No.100 release. Please review the test results, Lime Rock Resources, LLC is requesting permission to backfill the excavation to 5-feet below ground surface (bgs), a 20 Mil. liner will be placed into the excavation at 5-feet bgs. New soil purchased from Mr. Fanning then be utilized to backfill to grade, Mr. Fanning has requested the project be completed as soon as possible, due to spring and the need to get his farming operations started. I will contact you in the morning to review the analytical data. Photos are attached.

Respectfully submitted,

Mike Stubblefield
Project Manager
Talon/LPE
408 West Texas Avenue
Artesia, New Mexico 88210
(575) 746.8768 phone
(575) 746.8905 fax
(575) 441.7254 cell
www.talonlpe.com



Better Business Bureau Torch Award for Marketplace Ethics: 2010 Winner, 2009 Finalist
Staples Foundation for Learning Hall of Fame Recipient: 2010
ICIC and Business Week- Top 100: 2010, 2009, 2008, 2007, 2006
Inc. 500/5000: 2011, 2010, 2009, 2008, 2007



Project Correspondence Sheet

☐ Field ☐ Office ☐ Reimbursement ☐ Proposal
☐ OK ☐ NM ☐ TX ☐ Other

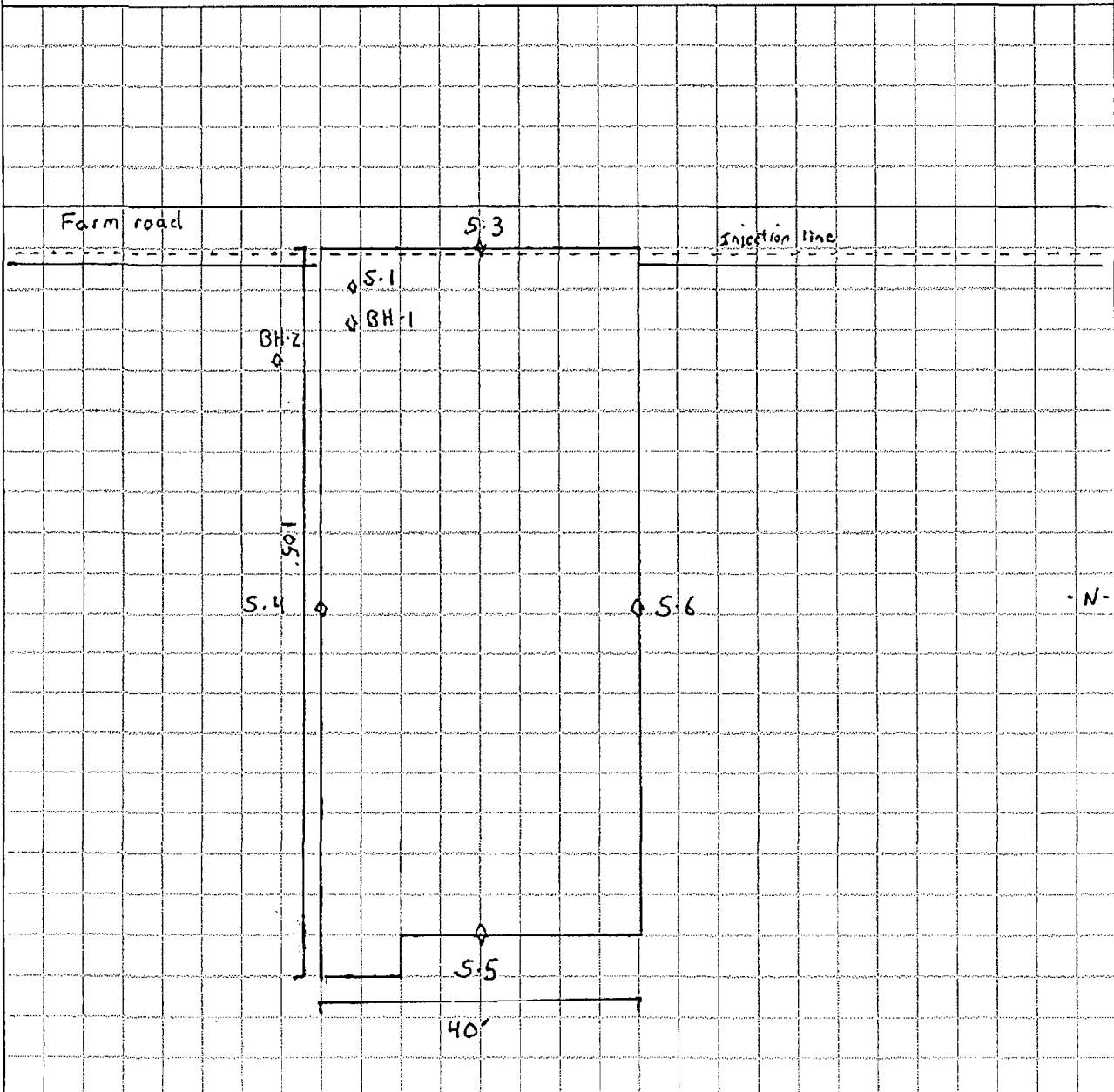
Date: 2/1/13 Time: Project Manager: M. Stubblefield

Project Number: 701302.040.01

Project Name: Lime Rock Resources, LLC Atoka SA Unit No. 100

Topic: Diagram for soil sampling locations.

Notes:



Document must be
filed in Project File

Prepared by:

Page 1 of 1



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

February 04, 2013

MIKE STUBBLEFIELD

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: ATOKA SAN ANDRES UNIT NO. 100

Enclosed are the results of analyses for samples received by the laboratory on 02/01/13 17:05.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "C. D. Keene", written in a cursive style.

Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

TALON LPE
MIKE STUBBLEFIELD
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received:	02/01/2013	Sampling Date:	02/01/2013
Reported:	02/04/2013	Sampling Type:	Soil
Project Name:	ATOKA SAN ANDRES UNIT NO. 100	Sampling Condition:	Cool & Intact
Project Number:	701307.040.01	Sample Received By:	Jodi Henson
Project Location:	SEC. 12 - T18S - R26E		

Sample ID: S - 3 (H300306-01)

BTEX 8021B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/03/2013	ND	2.14	107	2.00	15.7	
Toluene*	<0.050	0.050	02/03/2013	ND	2.13	106	2.00	15.8	
Ethylbenzene*	<0.050	0.050	02/03/2013	ND	2.10	105	2.00	15.4	
Total Xylenes*	<0.150	0.150	02/03/2013	ND	6.38	106	6.00	15.2	
Total BTEX	<0.300	0.300	02/03/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIC) 104 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	02/04/2013	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	02/04/2013	ND	218	109	200	2.45	
DRO >C10-C28	<10.0	10.0	02/04/2013	ND	183	91.6	200	6.21	

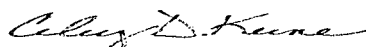
Surrogate: 1-Chlorooctane 85.9 % 65.2-140

Surrogate: 1-Chlorooctadecane 89.4 % 63.6-154

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

TALON LPE
MIKE STUBBLEFIELD
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received:	02/01/2013	Sampling Date:	02/01/2013
Reported:	02/04/2013	Sampling Type:	Soil
Project Name:	ATOKA SAN ANDRES UNIT NO. 100	Sampling Condition:	Cool & Intact
Project Number:	701307.040.01	Sample Received By:	Jodi Henson
Project Location:	SEC. 12 - T18S - R26E		

Sample ID: S - 4 (H300306-02)

BTX 8021B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/03/2013	ND	2.14	107	2.00	15.7	
Toluene*	<0.050	0.050	02/03/2013	ND	2.13	106	2.00	15.8	
Ethylbenzene*	<0.050	0.050	02/03/2013	ND	2.10	105	2.00	15.4	
Total Xylenes*	<0.150	0.150	02/03/2013	ND	6.38	106	6.00	15.2	
Total BTX	<0.300	0.300	02/03/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIL) 104 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	02/04/2013	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	02/04/2013	ND	218	109	200	2.45	
DRO >C10-C28	<10.0	10.0	02/04/2013	ND	183	91.6	200	6.21	

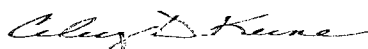
Surrogate: 1-Chlorooctane 92.6 % 65.2-140

Surrogate: 1-Chlorooctadecane 99.5 % 63.6-154

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

TALON LPE
MIKE STUBBLEFIELD
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received:	02/01/2013	Sampling Date:	02/01/2013
Reported:	02/04/2013	Sampling Type:	Soil
Project Name:	ATOKA SAN ANDRES UNIT NO. 100	Sampling Condition:	Cool & Intact
Project Number:	701307.040.01	Sample Received By:	Jodi Henson
Project Location:	SEC. 12 - T18S - R26E		

Sample ID: S - 5 (H300306-03)

BTEX 8021B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/03/2013	ND	2.14	107	2.00	15.7		
Toluene*	<0.050	0.050	02/03/2013	ND	2.13	106	2.00	15.8		
Ethylbenzene*	<0.050	0.050	02/03/2013	ND	2.10	105	2.00	15.4		
Total Xylenes*	<0.150	0.150	02/03/2013	ND	6.38	106	6.00	15.2		
Total BTEX	<0.300	0.300	02/03/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIL) 105 % 89.4-126

Chloride, SM4500CI-B		mg/kg		Analyzed By: DW						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	416	16.0	02/04/2013	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	02/04/2013	ND	218	109	200	2.45		
DRO >C10-C28	<10.0	10.0	02/04/2013	ND	183	91.6	200	6.21		


Surrogate: 1-Chlorooctane 83.5 % 65.2-140

Surrogate: 1-Chlorooctadecane 89.8 % 63.6-154

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 TALON LPE
 MIKE STUBBLEFIELD
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	02/01/2013	Sampling Date:	02/01/2013
Reported:	02/04/2013	Sampling Type:	Soil
Project Name:	ATOKA SAN ANDRES UNIT NO. 100	Sampling Condition:	Cool & Intact
Project Number:	701307.040.01	Sample Received By:	Jodi Henson
Project Location:	SEC. 12 - T18S - R26E		

Sample ID: S - 6 (H300306-04)

BTEx 8021B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/03/2013	ND	2.14	107	2.00	15.7		
Toluene*	<0.050	0.050	02/03/2013	ND	2.13	106	2.00	15.8		
Ethylbenzene*	<0.050	0.050	02/03/2013	ND	2.10	105	2.00	15.4		
Total Xylenes*	<0.150	0.150	02/03/2013	ND	6.38	106	6.00	15.2		
Total BTEX	<0.300	0.300	02/03/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 105 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	02/04/2013	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	02/04/2013	ND	218	109	200	2.45		
DRO >C10-C28	<10.0	10.0	02/04/2013	ND	183	91.6	200	6.21		

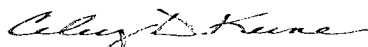
Surrogate: 1-Chlorooctane 92.9 % 65.2-140

Surrogate: 1-Chlorooctadecane 104 % 63.6-154

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

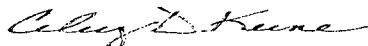
Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



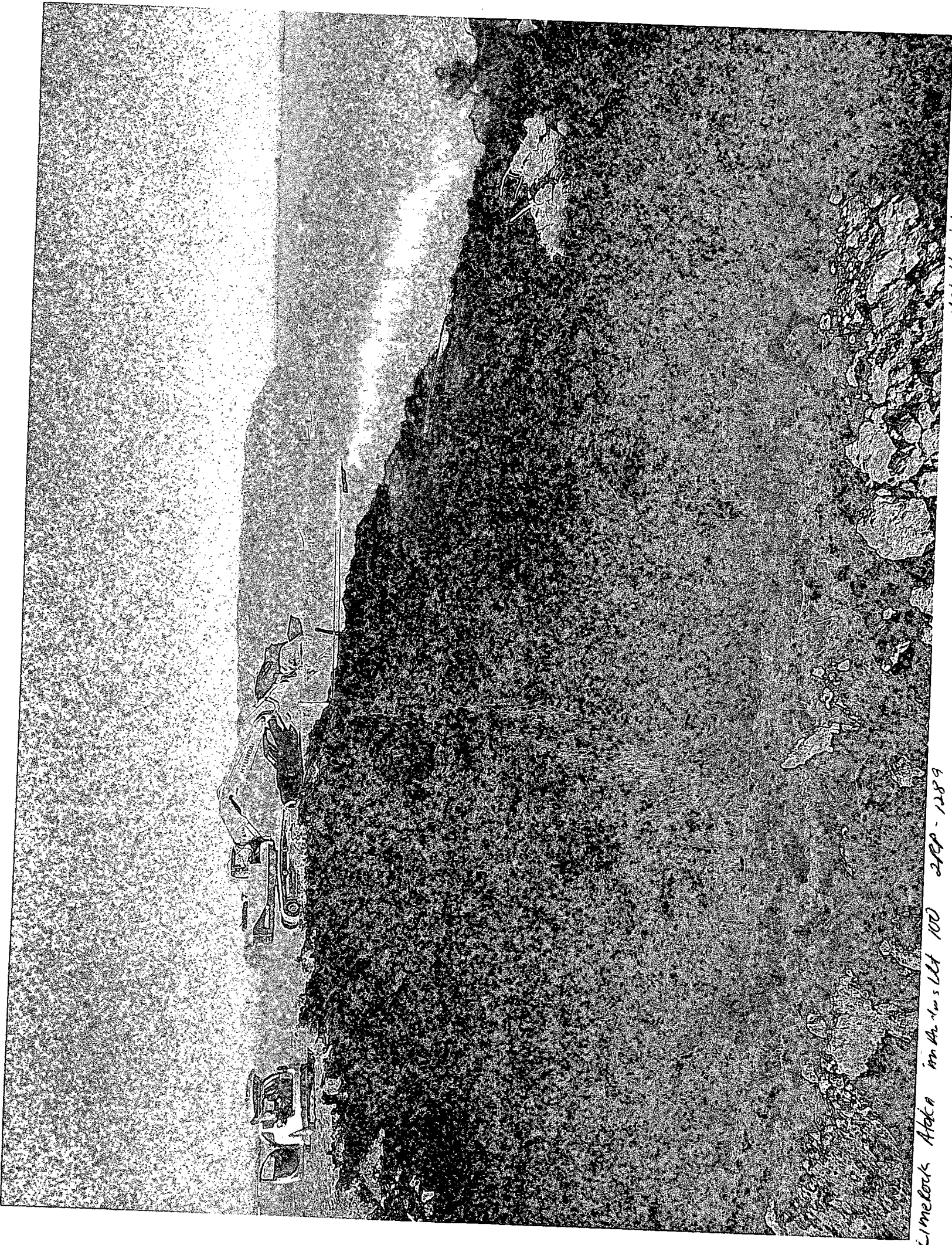
CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

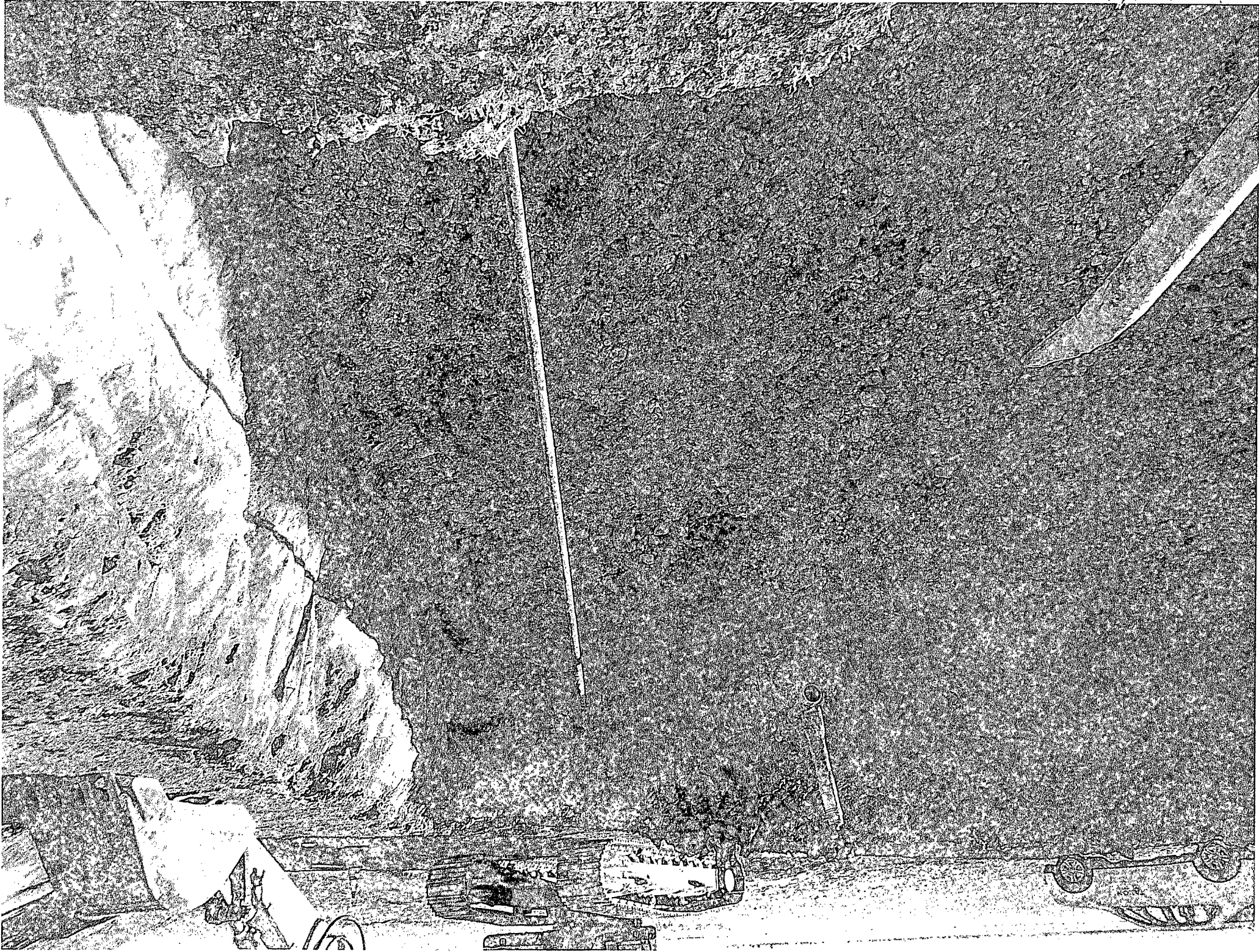
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Relinquished By: <u>Mr. S. S. S. S.</u> Relinquished By: _____		Date: <u>2/1/2013</u> Time: <u>5:05</u> Date: _____ Time: _____		Received By: <u>Paul Benson</u> Received By: _____		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: _____ Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #: _____ REMARKS: <u>RUSH!!</u>	
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No		CHECKED BY: (Initials) <u>JS</u>			



Lime Rock Abaka in the low 500 2000 - 1289



Waste 44 photo

Lincoln Park, N.Y. in Hudson 100 3/21-1989

Bratcher, Mike, EMNRD

From: Bratcher, Mike, EMNRD
Sent: Tuesday, February 05, 2013 9:09 AM
To: 'Michael Stubblefield'
Cc: Michael Barrett; Jerry Smith
Subject: RE: PDF Document H300306 TALON (3).pdf

Mike,

Per our meeting on 2/5/13, based on the analytical data presented, you may commence backfill operations on your schedule.

Mike Bratcher
NMOCD District 2
811 S. First Street
Artesia, NM 88210
O: 575-748-1283 X108
C: 575-626-0857
F: 575-748-9720

From: Michael Stubblefield [<mailto:mcstubblefield@talonlpe.com>]
Sent: Monday, February 04, 2013 6:01 PM
To: Bratcher, Mike, EMNRD
Cc: Michael Barrett; Jerry Smith
Subject: PDF Document H300306 TALON (3).pdf

Dear Mr. Bratcher,

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Respectfully submitted,

Mike Stubblefield
Project Manager
Talon/LPE
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Artesia, New Mexico 88210
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Inc. 500/5000: 2011, 2010, 2009, 2008, 2007