

From: 4326860600

06/16/2009 11:13

#838 P.001/002

PCRL0915957330

2194

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised October 10, 2003

Submit 2 Copies to appropriate
District Office in accordance
with Rule 116 on back
side of form

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company BC Operating, Inc	Contact Tami Parker
Address P O Box 50820, Midland, TX 79710	Telephone No. (432) 684-9696 ext 218
Facility Name South Langlie Jal Unit #27	Facility Type Flowline

Surface Owner Clay Osbourne	Mineral Owner	Lease No. 27321
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LOCATION OF RELEASE

API#

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
N	17	25S	37E	990'	South	2310'	West	Lea

Latitude _____ Longitude _____

NATURE OF RELEASE

Type of Release: Lease Oil, Produced Water	Volume of Release 14-Oil 42-Wr	Volume Recovered 0 bbls
Source of Release Flowline for well #27	Date and Hour of Occurrence 6/2/09	Date and Hour of Discovery 6/2/09
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Larry Johnson, Hobbs District Office	
By Whom? Tami Parker	Date and Hour 6/3/09 8:10 AM	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*
Rupture in 2-3/8" steel flowline.

Describe Area Affected and Cleanup Action Taken.*
17' x 60' area affected. Crew will haul off contaminated soil and back fill w/ soil off lease to clean up location of spill.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

OIL CONSERVATION DIVISION

Signature:

Tami Parker

Printed Name: Tami Parker

Approved by District Supervisor:

Title: Regulatory Analyst

Approval Date:

Expiration Date:

E-mail Address: tparker@blackoakres.com

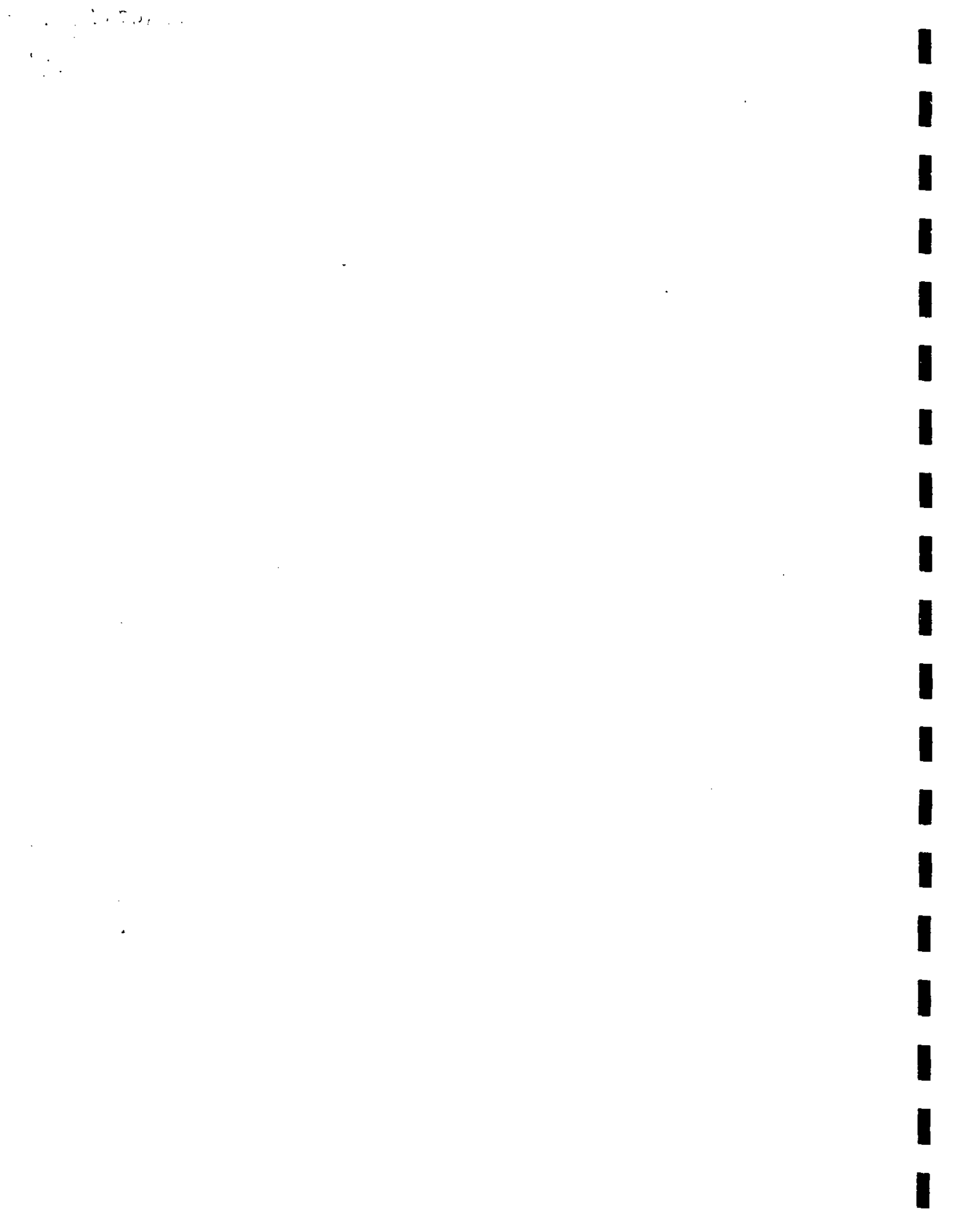
Conditions of Approval:

Attached ☐

Date: 6/3/09

Phone: (432) 684-9696 x 218

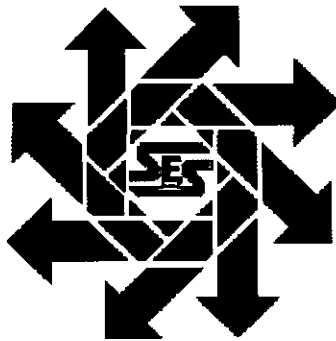
* Attach Additional Sheets If Necessary



**BC Operating, Inc.
South Langlie Jal Unit #27
Section 17, Township 25 South, Range 37 East
Lea County, New Mexico**

Work Plan

August 10, 2009



Prepared for:

***BC Operating, Inc.
PO Box 50820
Midland, Texas 79710***

By:

***Safety & Environmental Solutions, Inc.
703 East Clinton Street
Hobbs, New Mexico 88240
(575) 397-0510***

DEC 22 2015



I. **Company Contacts**

NAME	Company	Telephone	E-mail
Gary Stevens	BC operating	432-894-7113	g.stevens2@att.net
Bob Allen	SESI	575-397-0510	ballen@sesi-nm.com

II. **Background**

Safety and Environmental Solutions, Inc. (SESI) was engaged by BC Operating Inc. to perform a site assessment at the South Langlie Jal Unit #27. This is an active well site located in Unit N, Section 17, Township 25 South, Range 37 East. On June 2, 2009 a release occurred from a rupture from a 2-3/8" steel flowline for well #27. Approximately 14 barrels of lease oil and 42 barrels of water were released.

III. **Surface and Ground Water**

According the database provided by the U.S. Geological Survey (USGS) online database, the average depth of water in this area is 49'.

IV. **Work Performed**

On July 14, 2009, SESI was onsite with Watson Construction to attempt to delineate the release. Three test trenches were installed within the affected area. Field samples collected indicated elevated levels of chloride concentrations. The vertical extent of the contamination was unable to be determined.

On July 20, 2009 SESI was onsite with Eco- Enviro Drilling to delineate the release utilizing and auger style drill rig. Two boreholes were installed within the affected area. Samples were collected at intervals of 5' in both boreholes to a depth of 29' bgl at which a hard rock layer was encountered. The auger rig was unable to penetrate the rock layer. Both boreholes were then plugged to surface with bentonite and hydrated. Grab samples were collected were transported under chain of custody to Cardinal Laboratories of Hobbs New Mexico, for analysis. In compliance to the New Mexico Oil Conservation Division (NMOCD) set of required sampling conditions, the samples were analyzed for Chlorides (EPA Method 4500-Cl⁻B), Total Petroleum Hydrocarbons (EPA Method 418.1), and Benzene, Toluene, Ethyl Benzene, and Xylenes (BTEX) (EPA Method SWA-846 8021 B).

The results were as follows:

Sample ID	Chlorides (mg/kg)	TPH (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl Benzene (mg/kg)	Xylenes (mg/kg)
Analysis Date:	7/21/09	7/21/09	7/21/09	7/21/09	7/21/09	7/21/09
BH#1 7' BGL	928	<100	<0.050	<0.050	<0.050	<0.300
BH#1 12' BGL	1310	<100	<0.050	<0.050	<0.050	<0.300
BH#1 17' BGL	800	-	-	-	-	-
BH#1 22' BGL	1700	-	-	-	-	-
BH#1 27' BGL	1920	-	-	-	-	-
BH#1 29' BGL	768	-	-	-	-	-
BH#2 7' BGL	2920	6180	<0.050	<0.050	<0.050	0.593
BH#2 12' BGL	2880	<100	<0.050	<0.050	<0.050	<0.300
BH#2 17' BGL	3360	-	-	-	-	-



BH#2 22' BGL	3520	-	-	-	-	-
BH#2 27' BGL	2640	-	-	-	-	-
BH#2 29' BGL	2200	-	-	-	-	-

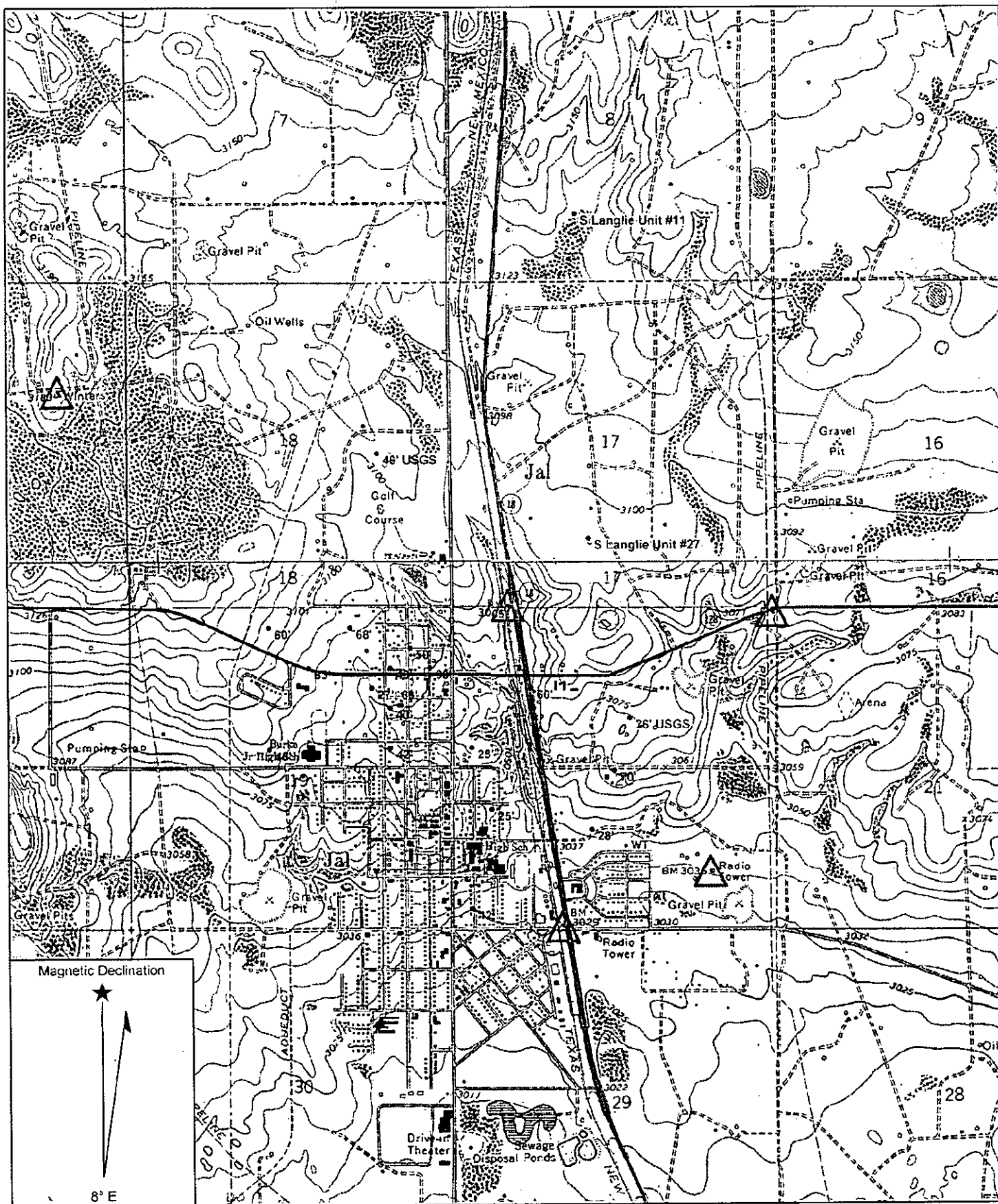
V. Action Plan

It is requested that the entire affected area be excavated to a depth of 12' bgl. The most highly contaminated soils will be transported to Sundance Services, a NMOCD approved facility for disposal. The excavation will then be backfilled and domed to 4' bgl with like soils. A 20 mil plastic liner will be installed to prevent any further migration of the contamination. The excavation will be backfilled to surface and contoured to grade.

VI. Figures & Appendices

Figure 1 – Vicinity Map
Figure 2 – Site Plan
Appendix A –Analytical Results
Appendix B – Site Photos
Appendix C – C-141

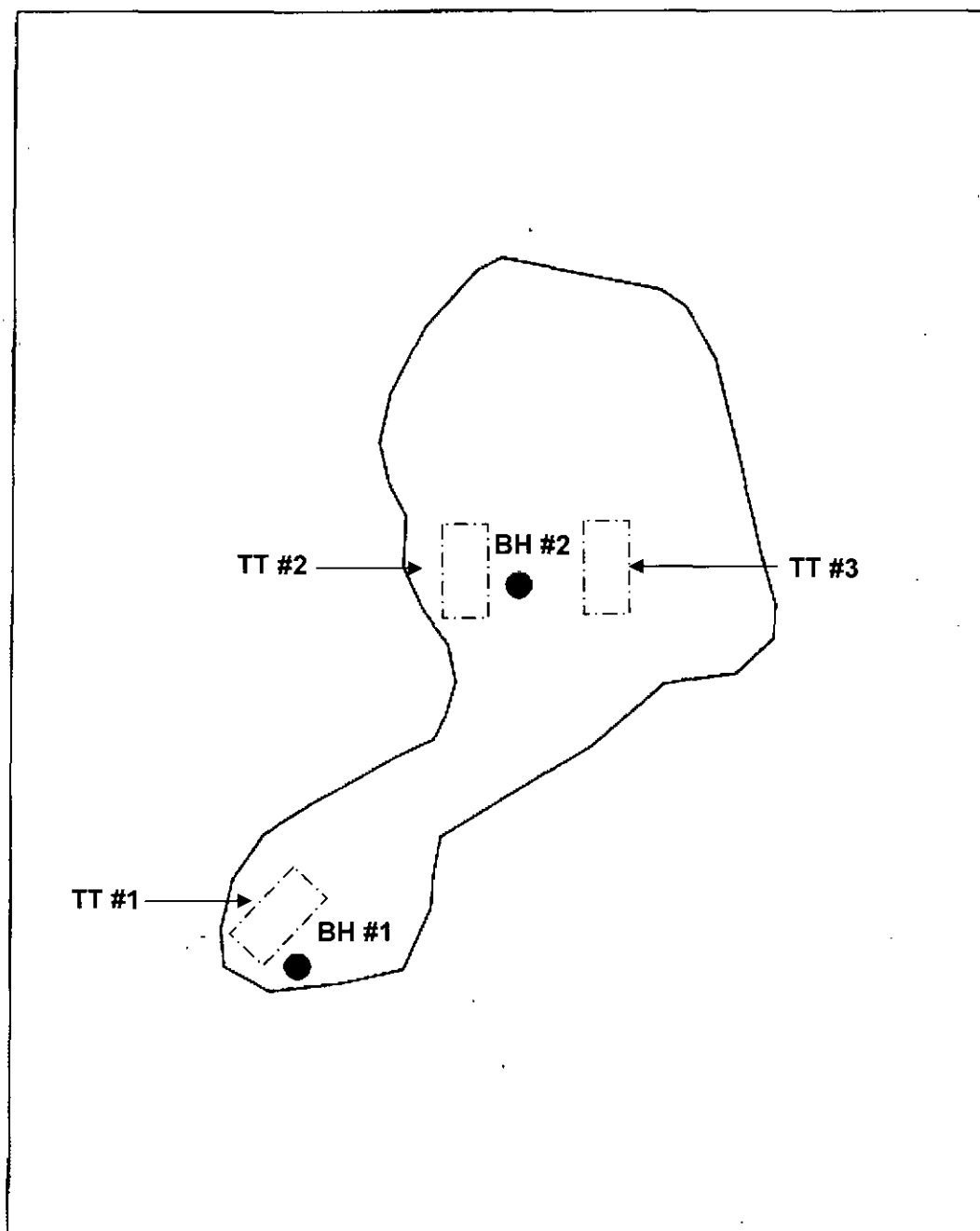




Name: JAL
 Date: 6/5/2009
 Scale: 1 inch equals 2000 feet

Location: 13 0670693 E 3555513 N NAD83





South Langlie #27

Lat/Long
WGS 1984



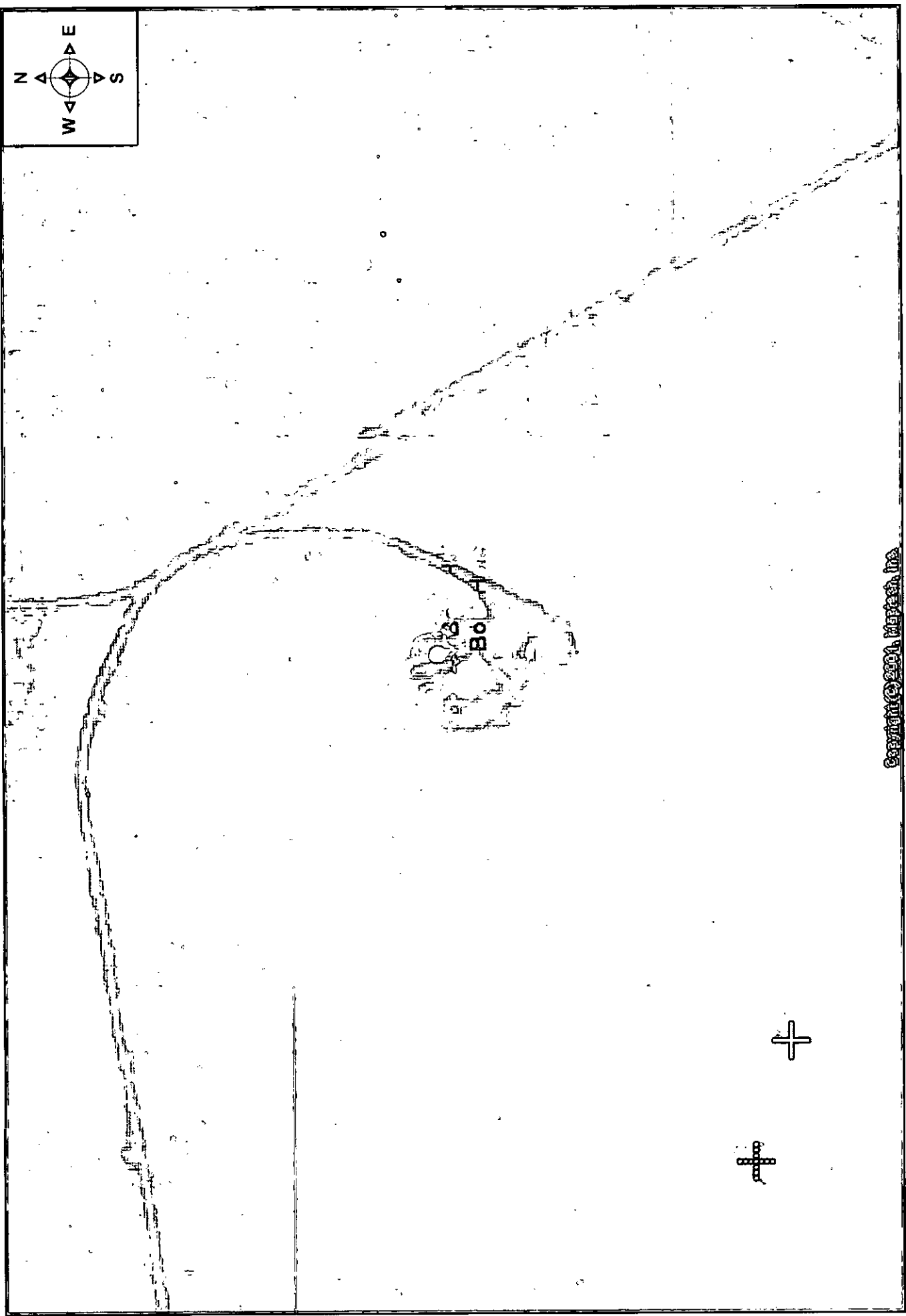
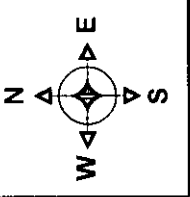
Scale 1:200
0 0.004
Miles

BCO-09-002 site plan.cor
8/10/2009

GPS Pathfinder Office







Copyright © 2001, MapTech, Inc.





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

ANALYTICAL RESULTS FOR
SAFETY & ENVIRONMENTAL SOLUTIONS
ATTN: BOB ALLEN
703 E. CLINTON, #102
HOBBS, NM 88240
FAX TO: (575) 393-4388

Receiving Date: 07/21/09
Reporting Date: 07/22/09
Project Number: BCO-09-002 (BC OPERATING)
Project Name: SOUTH LANGLEIE #27
Project Location: JAL, NM

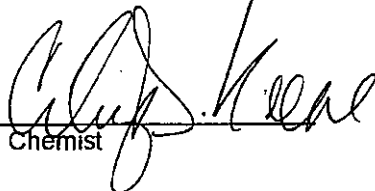
Analysis Date: 07/22/09
Sampling Date: 07/20/09
Sample Type: SOIL
Sample Condition: COOL & INTACT @ 5.5°C
Sample Received By: ML
Analyzed By: HM

LAB NO.	SAMPLE ID	Cl ⁻ (mg/kg)
H17851-1	BH#1. 7' BGS	928
H17851-2	BH#1. 12' BGS	1,310
H17851-3	BH#1. 17' BGS	800
H17851-4	BH#1. 22' BGS	1,700
H17851-5	BH#1. 27' BGS	1,920
H17851-6	BH#1. 29' BGS	768
H17851-7	BH#2. 7' BGS	2,920
H17851-8	BH#2. 12' BGS	2,880
H17851-9	BH#2. 17' BGS	3,360
H17851-10	BH#2. 22' BGS	3,520
H17851-11	BH#2. 27' BGS	2,640
H17851-12	BH#2. 29' BGS	2,200
Quality Control		500
True Value QC		500
% Recovery		100
Relative Percent Difference		< 0.1

METHOD: Standard Methods

4500-Cl⁻B

Note: Analyses performed on 1:4 w:v aqueous extracts. Not accredited for Chloride.


Chemist

Date

07/28/09

H17851 SESI

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.





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ATTN: BOB ALLEN
703 E. CLINTON, #102
HOBBS, NM 88240
FAX TO: (575) 393-4388

Receiving Date: 07/21/09
Reporting Date: 07/23/09
Project Owner: BC OPERATING (BCO-09-002)
Project Name: SOUTH LANGLEIE #27
Project Location: JAL, NM

Analysis Date: 07/23/09
Sampling Date: 07/20/09
Sample Type: SOIL
Sample Condition: COOL & INTACT @ 5.5°C
Sample Received By: ML
Analyzed By: AB

LAB NUMBER SAMPLE ID 418.1
TPH
(mg/kg)

H17851-1	BH #1. 7' BGL	<100
H17851-2	BH #1. 12' BGL	<100
H17851-7	BH #2. 7' BGL	6,180
H17851-8	BH #2. 12' BGL	<100
Quality Control		303
True Value QC		300
% Recovery		101-
Relative Percent Difference		2.6

METHOD: EPA 418.1. Reported on wet weight. Not accredited for 418.1.


Chemist


Date

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ATTN: BOB ALLEN
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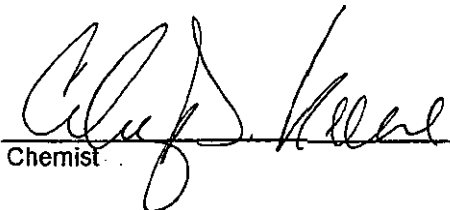
Receiving Date: 07/21/09
Reporting Date: 07/27/09
Project Number: BC OPERATING (BCO-09-002)
Project Name: SOUTH LANGLIE #27
Project Location: JAL., NM

Sampling Date: 07/20/09
Sample Type: SOIL
Sample Condition: COOL & INTACT @ 5.5 °C
Sample Received By: ML
Analyzed By: ZL

LAB NO.	SAMPLE ID	BENZENE (mg/kg)	TOLUENE (mg/kg)	ETHYL BENZENE (mg/kg)	TOTAL XYLENES (mg/kg)
ANALYSIS DATE:		07/24/09	07/24/09	07/24/09	07/24/09
H17851-1	BH#1 7'BGL	<0.050	<0.050	<0.050	<0.300
H17851-2	BH#1 12'BGL	<0.050	<0.050	<0.050	<0.300
H17851-7	BH#2 7'BGL	<0.050	<0.050	<0.050	0.593
H17851-8	BH#2 12'BGL	<0.050	<0.050	<0.050	<0.300
Quality Control		0.056	0.056	0.053	0.168
True Value QC		0.050	0.050	0.050	0.150
% Recovery		112	112	106	112
Relative Percent Difference		<1.0	1.8	2.6	<1.0

METHODS: BTEX - SW-846 8021B

TEXAS NELAP ACCREDITATION T104704398-08-TX FOR BENZENE, TOLUENE, ETHYL BENZENE,
AND TOTAL XYLENES. Reported on wet weight.


Chemist

07/28/09
Date

H17851 BTEX SESI

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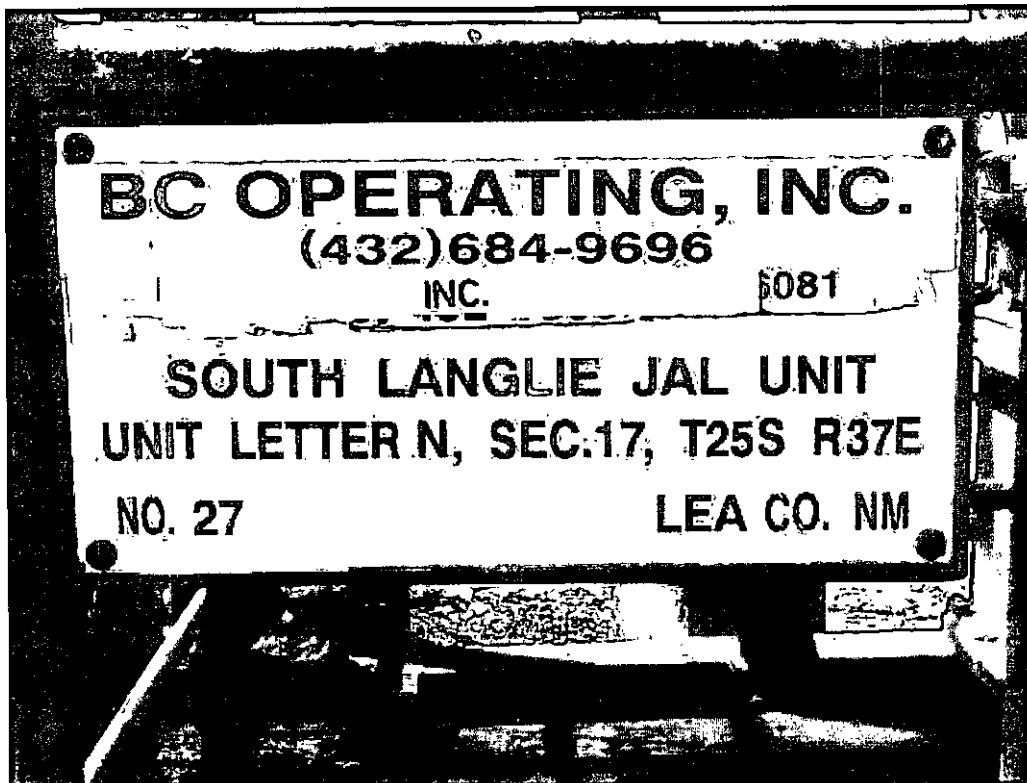
2111 Beechwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240
(915) 673-7001 Fax (915) 673-7020 (505) 393-2326 Fax (505) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

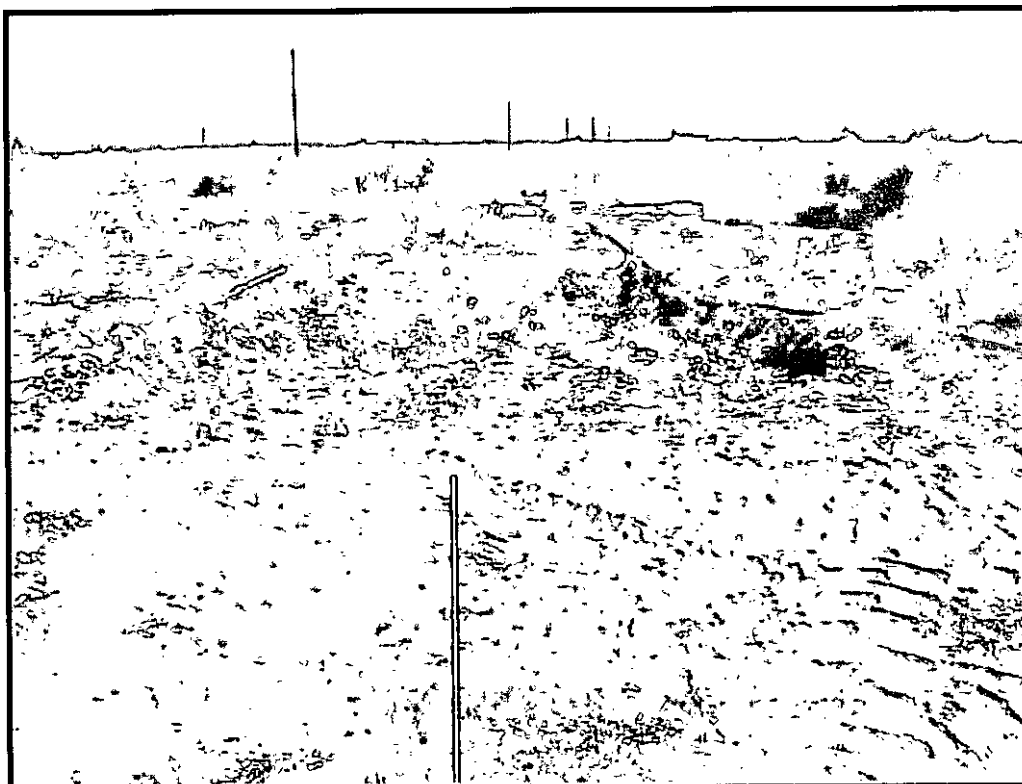
Company Name: SAFETY & ENVIRONMENTAL SOLUTIONS		Project Manager: Bob Allen		P.O. #:		HILL TO		ANALYSIS REQUEST	
Address: 703 E. CLINTON, #102		City: HOBBES		State: NM		Zip: 88240		Company: SAME	
Phone #: (505) 397-0510		Fax #: (505) 393-4388		Attn:		Address:		City:	
Project #: BCO-09-002		Project Owner: BCO Operating		State:		Zip:		Phone #:	
Project Location: Dal, NM		Sampler Name: Brian Celler		Fax #:					
FOR LAB USE ONLY		Lab I.D.		Sample I.D.		DATE		TIME	
H17851-1		BH #1. 7' 6g		1		7/20/09		0817	
-2		BH #1. 12' 6g		1		7/20/09		0838	
-3		BH #1. 17' 6g		1		7/20/09		0850	
-4		BH #1. 22' 6g		1		7/20/09		0918	
-5		BH #1. 27' 6g		1		7/20/09		0927	
-6		BH #2. 7' 6g		1		7/20/09		0944	
-7		BH #2. 12' 6g		1		7/20/09		1018	
-8		BH #2. 17' 6g		1		7/20/09		1038	
-9		BH #2. 22' 6g		1		7/20/09		1042	
-10		BH #2. 27' 6g		1		7/20/09		1114	
PLEASE NOTE: Laboratory and Damages: Cardinal's liability and charges include remedy for any claim arising whether based in contract or tort, that is limited to the amount paid by the client for the analysis. All claims, including those for negligence and any other cause, whether or not caused by Cardinal, shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for individual or consequential damages, including without limitation, business interruption, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services furnished by Cardinal, regardless of whether such claim is based on contract or tort, or otherwise.		Received By: [Signature]		Date: 7/24/09		Time: 3:30		Phone Result: [] Yes [] No	
Relinquished By: [Signature]		Received By: (Lab Staff)		Date:		Time:		Fax Result: [] Yes [] No	
Delivered By: (Circle One)		Sample Condition		Temp. °C		Intact?		Checked By: [Signature]	
Sampler - UPS - Bus - Other:		55C		[] Yes [] No		[] Yes [] No		[] Yes [] No	
† Cardinal cannot accept verbal changes. Please fax written changes to (915) 673-7020.									







Lease Sign



Affected Area Facing North

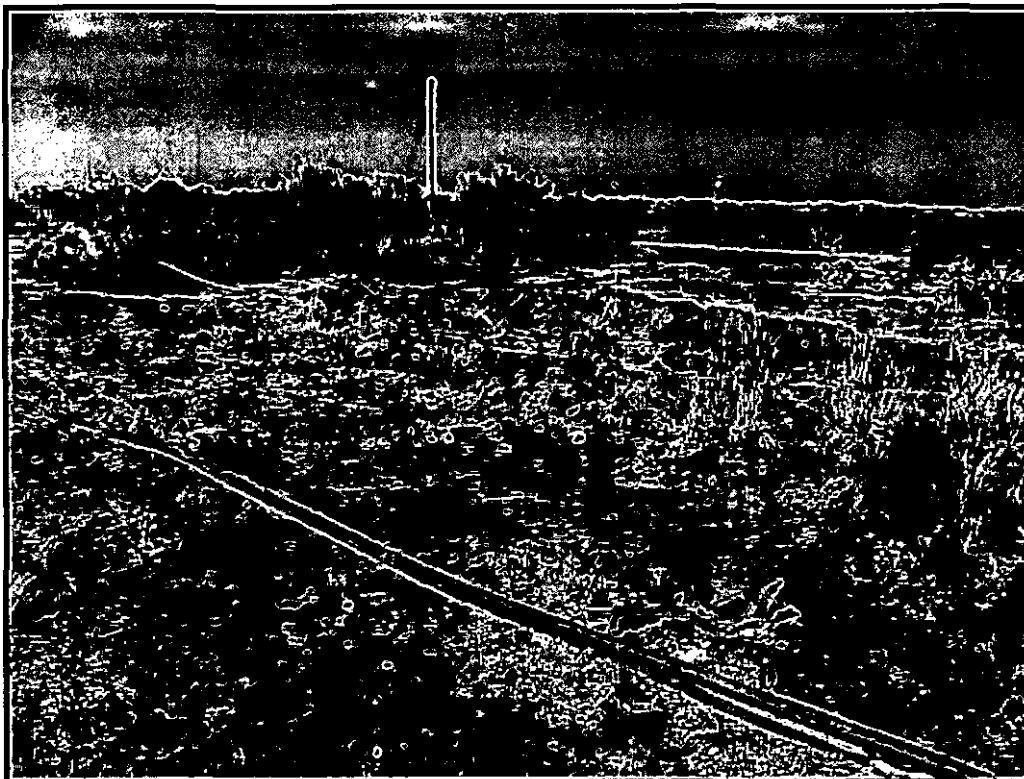




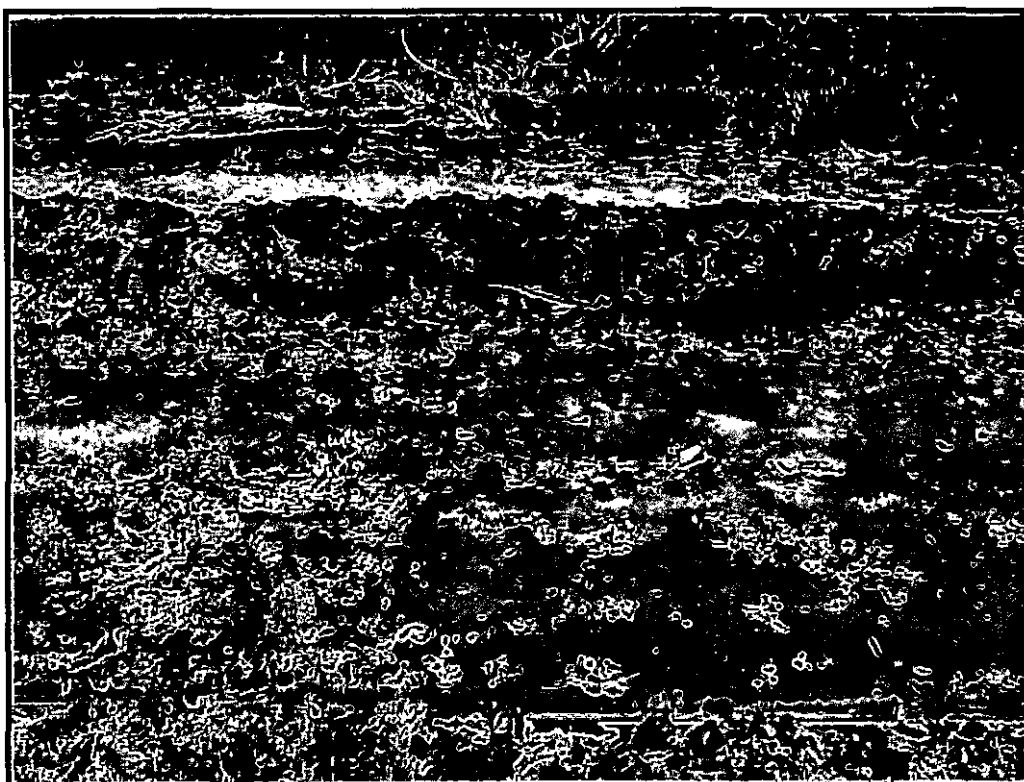
Excavated Area Facing South



Excavated Area Facing SW

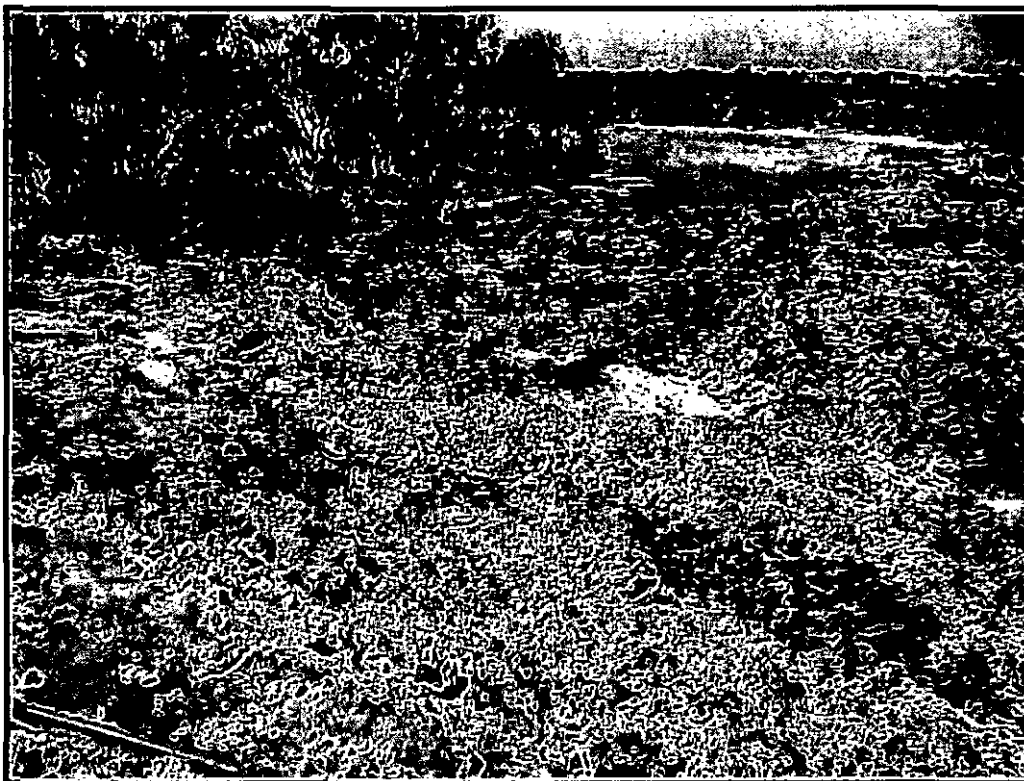


Excavated Area Facing SW

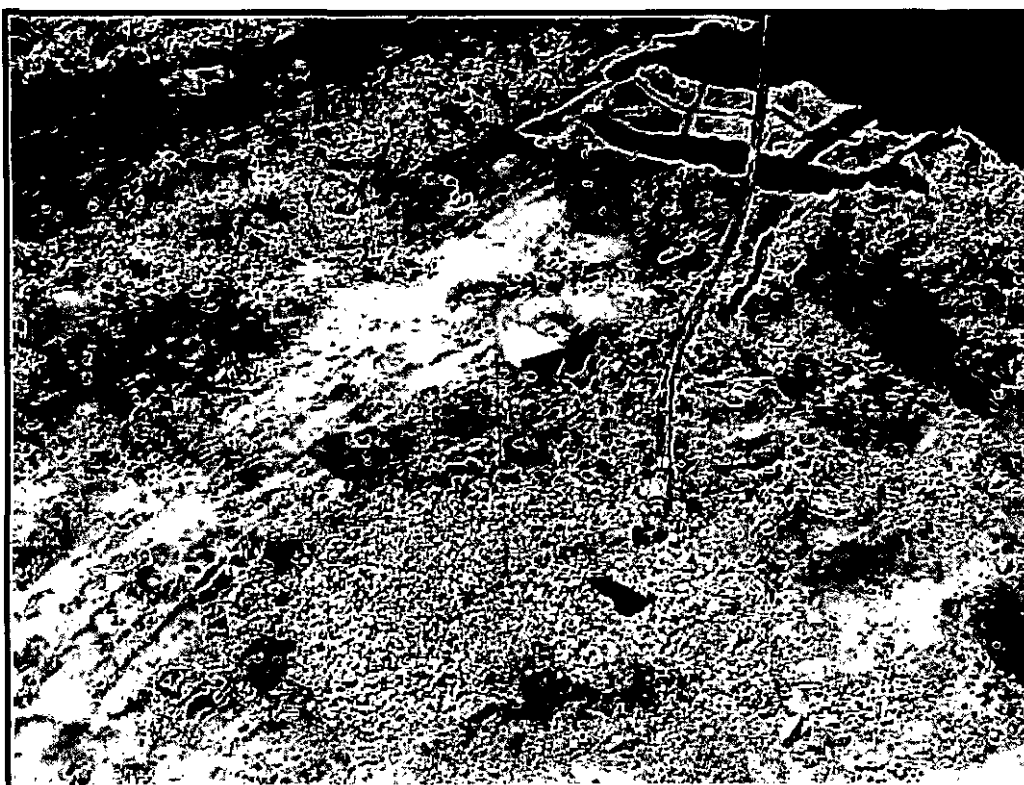


Excavated Area Facing East

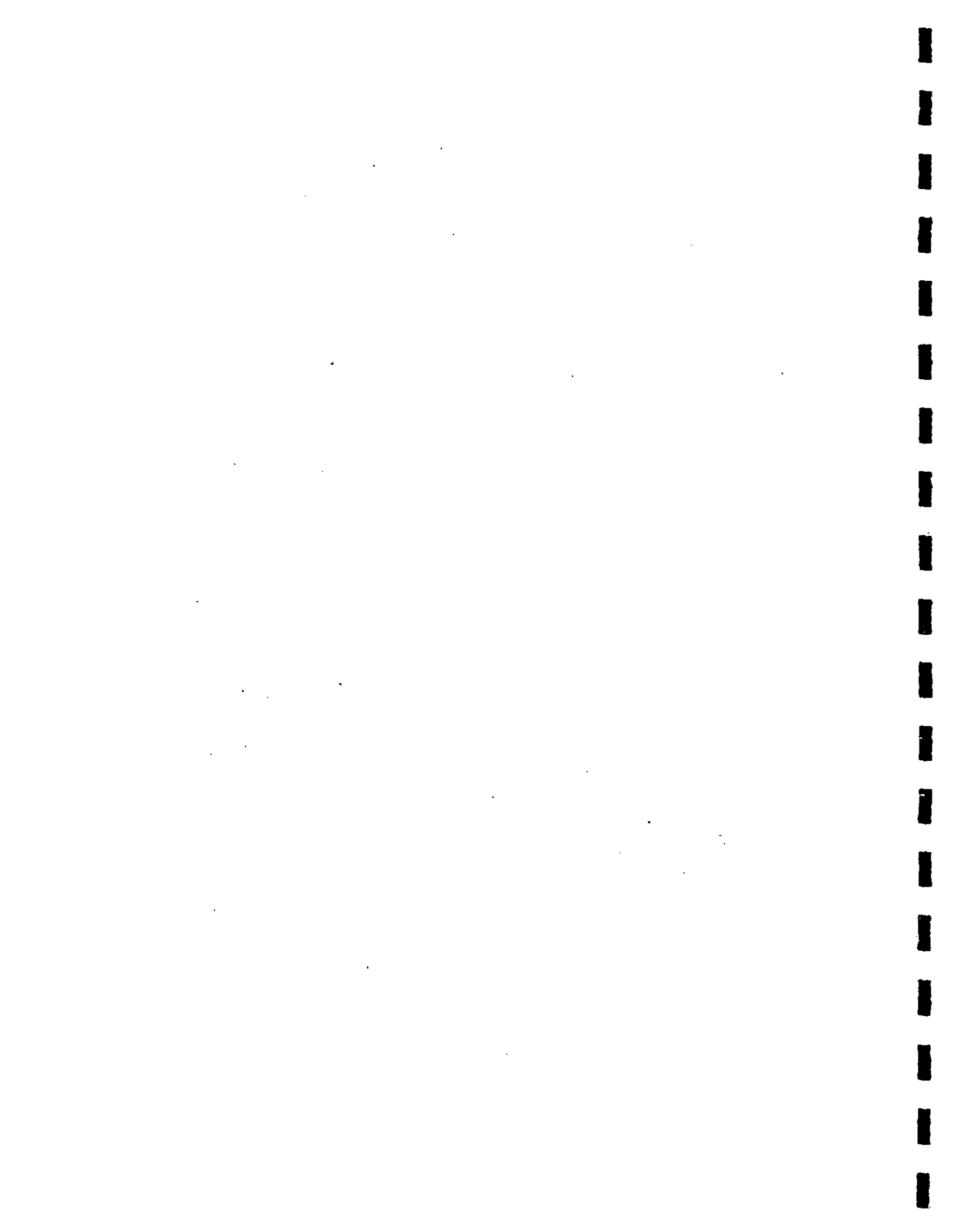


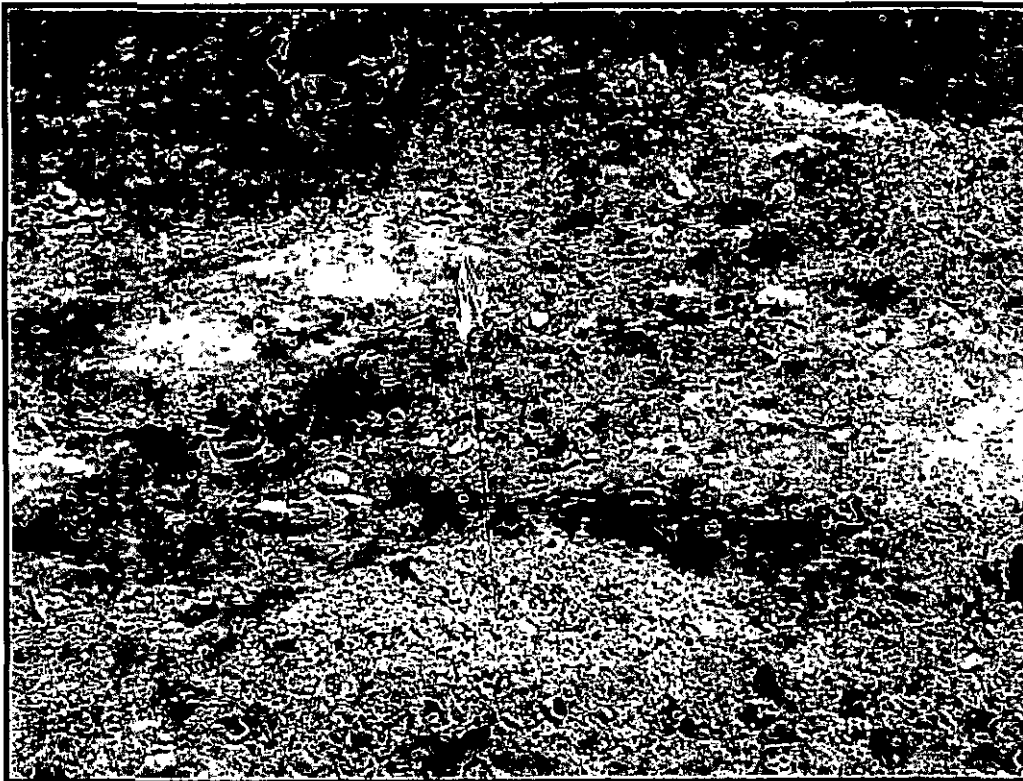


Excavated Area Facing West



Borehole #1





Borehole #2

