SEMS-RM DOCID # 1158701

CPI
Environmental Services, Inc.
799 Roosevelt Rd., Bldg 6, Ste 110 • Glen Ellyn, Illinois 60137
phone 630/469-8340 — fax 630/469-8470

November 27, 2002

RECEIVED
NOV 2 9 2002
RETECHS

Mr. Tom Cohrs
Metal Management, Inc
500 North Dearborn Street, Suite 400
Chicago, Illinois 60610

RE. Soil Investigation
Lead Cable Processing Area and De-Tinning Area
MacLeod Metals, Inc South Gate, CA

Mr Cohrs

This document presents the results of a limited soil investigation performed at the MacLeod Metals, Inc (MacLeod) property (the Property) located at 9309 Rayo Avenue, South Gate, California (Figure 1) CPI Environmental Services, Inc (CPI) performed the investigation on behalf of MacLeod in preparation for property transfer The following information explains the purpose of the investigation, identifies previous work performed at the Property, describes the scope of work, and presents the investigation methods, results, conclusions, and CPI's recommendations

The purpose of this investigation was to evaluate soil beneath the concrete within the Lead Cable Processing Area (Cable Area) and the De-Tinning Area located on the Property as shown in Figure 2. Details on the Property operational history, layout, environmental conditions, and surrounding properties were compiled in the April 5, 2002 *Phase I Environmental Site Assessment* (ESA) for the Property, prepared by CPI CPI also previously conducted a subsurface investigation and limited remedial action, and reported the results in the November 1, 2002 *Subsurface Investigation and Remedial Action Report*

The scope of work for this investigation was defined in the November 12, 2002 letter (the Letter) from Mr Mel Gaines, Vice President of Wells Fargo California Business Banking to Mr Carlos Herrera of Interior Removal Specialists (Attachment 1) The scope of work proposed in the Letter included 12 borings advanced to a total depth of five feet below the overlying concrete, with samples collected for laboratory analysis from each boring at the 1-foot, 3-foot, and 5-foot depth intervals The Letter requested that the borings within the Cable Area include 3 borings along the western grated trench, 3 borings in the center of the cable area, and 1 boring at the eastern grated trench Within the De-tinning Area, the Letter requested 4 borings around the De-Tinning tanks, with one such that the catch basin is covered, and 1 within the aboveground storage tank cluster The

Letter further requested laboratory analysis for Title 22 CAM metals of the soil samples collected from the Cable Area, and pH analysis of soil samples collected from the De-Tinning Area

On November 21, 2002, CPI faxed to Mr William Bater of Wells Fargo scaled site maps showing the proposed soil boring locations as requested in the Letter. Mr Bater approved the proposed locations in a subsequent telephone call with Mr David Johnston of CPI on November 21, 2002 During that conversation, Mr Bater acknowledged that some minor modifications of the proposed locations in the field due to accessibility limitations would be acceptable. Mr Johnston agreed to inform Mr Bater of significant location modifications and work progress

In a telephone conversation with Mr Johnston on November 21, 2002, Mr Bater agreed that the laboratory analyses could be modified from that presented in the Letter to the following analysis of soil from the Cable Area for lead only instead of the Title 22 CAM Metals, and analysis of soil samples from the De-Tinning Area for pH with the addition of lead On November 21, 2002, Mr Bater sent an email to Mr Johnston to document the modified analyses (Attachment 2)

On November 22, 2002, CPI performed the prescribed scope of work in accordance with the Letter, as modified based on Mr Johnston's telephone conversations with Mr Bater, and Mr Bater's email to Mr Johnston CPI subcontracted CENTEC Engineering, Inc (CENTEC) of Newport Beach, California to provide drilling and laboratory services, and a California Registered Geologist (RG) to conduct on-site drilling and sampling under CPI oversight CENTEC retained Kehoe Drilling and Testing (Kehoe) of Huntington Beach, CA to perform the drilling services, and Cal Tech Environmental Laboratories (Cal Tech) of Paramount, CA performed the analytical services Cal Tech is a California State Department of Health certified analytical laboratory (#2424)

Figure 3 shows the soil boring locations as drilled in the Cable Area and Figure 4 shows the soil boring locations as drilled in the De-Tinning Area Kehoe used a truck-mounted Geoprobe® Model 5400 to advance borings in the Cable Area, and soil borings SB-8 through SB-10 in the De-Tinning Area Kehoe used a mobile trailer-mounted Geoprobe 54MT limited access rig to advance borings SB-11 and SB-12 in the De-Tinning Area

During the investigation drilling and sampling activities, Mr Johnston telephoned Mr Bater to inform him of the need to relocate the proposed location of SB-12 from within the center of the De-Tinning Area AST cluster to between tanks 5 and 6, as shown on Figure 4 The relocation was necessary due to inaccessibility with the limited access Geoprobe® Mr Bater approved the relocation of SB-12

Soil samples were collected by advancing the 1 5-inch inner-diameter stainless steel Geoprobe® sample device to the appropriate depth interval At each soil sampling

location, the Geoprobe® sampling probe was advanced to the following depths beneath the base of the overlying concrete pad to obtain the prescribed samples

- 0 5-1 0 feet (1-foot depth interval sample),
- 2 5-3.5 feet (3-foot depth interval sample, and
- 4 5-5 5 feet (3-foot depth interval sample

The sample probe was hydraulically pushed to sample depth, and the soil sample was retained in a clear plastic liner within the hollow sample probe After each sample probe was retrieved, the plastic sample liner retaining the soil sample was removed from the sample probe, cut at the selected depth intervals (one, three, and five feet), labeled with location (designated SB-1 through SB-12), depth interval, time, date, analysis requested, and sampler's initials, and both ends of the liner were sealed with Teflon® tape and plastic caps The sample was placed on ice in a cooler pending transport to the laboratory under standard chain-of-custody protocols The completed borehole was backfilled with granular bentonite, hydrated, and sealed with concrete leveled to match existing grade A photographic log of the soil boring activities showing decontamination, drilling, sampling, borehole plugging, and concrete restoration procedures is provided in Attachment 3

At each soil boring location, a California RG recorded on a soil-boring log the geological description for each sample depth interval according to the Unified Soil Classification System Copies of the soil boring logs are presented in Attachment 4

To prevent cross-contamination between borings and depth intervals, the sample probe was washed with Alconox® detergent solution and triple rinsed with clean water between sample locations and depth intervals. Samplers wore new disposable surgical gloves to collect each sample No sampling utensils were required to collect the samples, and no transfer of the sample to laboratory jars was required because the samples remained in the clear plastic liners Therefore, the potential for cross contamination was minimized

The soil samples were analyzed at Cal Tech Environmental Laboratories on an expedited (3-day) turnaround basis Copies of the complete laboratory report, including the sample chain-of custody forms, are included in Attachment 5

Table 1 presents a summary of the laboratory analytical results for the sampling performed in this investigation within the Cable Area and De-Tinning Area The results shown are for 3 samples at each of the seven borings in the Cable Area, a total of 21 samples analyzed for lead, and for each of 3 samples from the five borings in the De-Tinning Area, a total of 15 samples, analyzed for pH and lead

The analytical results presented on Table 1 show that none of the samples from the Cable Area and De-Tinning Area had concentrations of lead detected above the method

detection limit of 5 milligrams per kilogram (mg/kg) For samples from the De-Tinning Area, Table 1 shows that none of the samples had pH above 12 5 or below 2, the limits for the hazardous characteristic of corrosivity The pH concentrations ranged from 8 03 (SB-8. 1' depth) to 11 7 (SB-11 5' depth)

The geologic material encountered to a depth of five feet beneath the concrete at the locations sampled was primarily sandy silt and silty sand, as shown on the soil boring logs in Attachment 4. This material is consistent with the shallow geology described in the California Division of Mines and Geology, Open File Report 98-25, which indicates that the Property and surrounding area are built on Holocene-Age alluvial fan sediments, generally consisting of loose- to medium-dense very fine-grained sand, gravel, and silt that appear to inter-finger and grade laterally into each other

Groundwater was not encountered at any of the soil borings advanced in this investigation Based on information obtained April 15, 2002 from the Los Angeles County Department of Public Works, Hydrologic Records Section, depth to groundwater is approximately 140 feet below ground surface in well #1525D located approximately 500 feet southeast of the property at the intersection of Southern Avenue and Salt Lake Avenue The Los Angeles River is located approximately 0.25 miles east of the Property, as shown on Figure 1

The topography in the vicinity of the Property is generally flat with less than a one-percent slope to the south-southeast toward the Los Angeles River The Property is at an elevation of approximately 112 feet above mean sea level according to the United States Geological Survey (USGS) South Gate, California topographic map prepared in 1964 and photorevised in 1981 (Figure 1) No surface water bodies are located on the Property

Based on the scope of work performed and the results of this investigation, CPI concludes the following

- Lead was not detected above the method detection limit in any of the 36 soil samples collected between one and five feet beneath the concrete at 12 sampling locations within the Cable Area and the De-Tinning Area, and therefore, lead in soil is not an issue,
- Soil pH ranged between 8 03 and 11 7 in the 15 samples collected between one and five feet below the base of concrete at five locations in and around the De-Tinning Area Therefore, the soil is not characteristically hazardous for corrosivity, defined as pH less than 2 and above 12 5, and
- No regulatory reporting or remedial action is required based on the analytical results of this investigation

In consideration of the Property's flat topography, depth to groundwater, existing concrete cover, the laboratory results of soil samples analyzed, and California's criteria

for hazardous characteristic of corrosivity, CPI recommends that no further investigation or remediation be performed in the Cable Area and De-Tinning Area

Certification of this report by California Registered Geologist Dan Louks of Centec is provided in Attachment 6

Please call me if you have questions on the investigation or the findings presented in this report.

Sincerely,
CPI Environmental Services, Inc

David K Johnston, P G
Sr Project Manager

Attachments

cc Mr Carlos Herrera, Interior Removal Specialists, Inc
Mr Nate Olson, Collins Commercial Corporation
Mr William Bater, Wells Fargo Environmental Services

TABLE 1

SOIL ANALYTICAL RESULTS FOR pH AND LEAD
MACLEOD METALS, INC
8800 HAYES AVENUE
SOUTH GATE, CALIFORNIA
November 22, 2003
(Page 1 of 2)

				Lead Cable Processing Area																		
Location				SB-1			SB-2			SB-3			SB-4			SB-5			SB-6		
Sample Depth[1]				4'	3'	5	1	3'	5'	1'	3'	5'	1'	3'	5	1	3	5'	1'	3	4
Laboratory ID				0218 175 1	0218 175 2	0218 175 3	0218 175 4	0218 175 5	0218 175 6	0218 175 7	0218 175 8	0218 175 9	0218 175-10	0218 175-11	0218 175 12	0218 175 13	0218 175 14	0218 175 15	0218 175 16	0218 175 17	0218 175 18
Units				(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
	Method	TTLC Limit (mg/kg)	STLC Limit (mg/l)																		
Lead	6010	1000	50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
		Hazardous Characteristic for Corrosivity Lower Limit	Hazardous Characteristic for Corrosivity Upper Limit[2]																		
pH		2	12.5	NA	NS	NA	NA	NS	NA	NS	NA	NA	NA	NS	NA	NA	NA	NA	NA	NS	NS

Notes

[1] Depth in feet below base of overlying concrete pad

[2] Defined at California Code of Regulations Title 22, Division 4.5, Chapter 11, Article 3, Section 66261.22 Characteristic of Corrosivity

Key

TTLC = Total Threshold Limit Concentration as defined at CCR Title 22, Division 4.5, Chapter 11, Article 3, Section 66261.24 Characteristic of Toxicity

STLC = Soluble Threshold Limit Concentration as defined at CCR Title 22, Division 4.5, Chapter 11, Article 3, Section 66261.24 Characteristic of Toxicity

NA = not analyzed

mg/kg = milligrams per kilogram

mg/l = milligrams per liter

TABLE I

SOIL ANALYTICAL RESULTS FOR pH AND LEAD
MACLEOD METALS, INC
9309 RAYO AVENUE
SOUTH GATE CALIFORNIA
November 22, 2002
(Page 2 of 2)

				Lead Cable Processing Area			Dis-Tinning Area														
			Location	SB-7			SB-8			SB-9			SB-10			SB-11			SB-12		
			Sample Depth[1]	1	3	5'	1'	3'	5'	1'	3'	5'	1'	3'	5'	1	3'	5	1'	3'	5'
			Laboratory ID	0211 175 19	0211 175 20	0211 175 21	0211 175 22	0211 175 23	0211 175 24	0211 175 25	0211 175 26	0211 175 27	0211 175 28	0211 175 29	0211 175 30	0211 175 31	0211 175 32	0211 175 33	0211 175 34	0211 175 35	0211 175 36
			Units	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
	Method	TTLC Limit (mg/kg)	STLC Limit (mg/l)																		
Lead	6010	1000	5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
		Hazardous Characteristic for Corrosivity Lower Limit	Hazardous Characteristic for Corrosivity Upper Limit[2]																		
pH		2	12.5	NA	NA	NA	8.03	8.02	8.11	10.1	10.2	10.0	9.98	9.61	9.52	9.33	11.2	11.7	8.35	8.48	9.71

Notes

[1] Depth in feet below base of recycling concrete pad

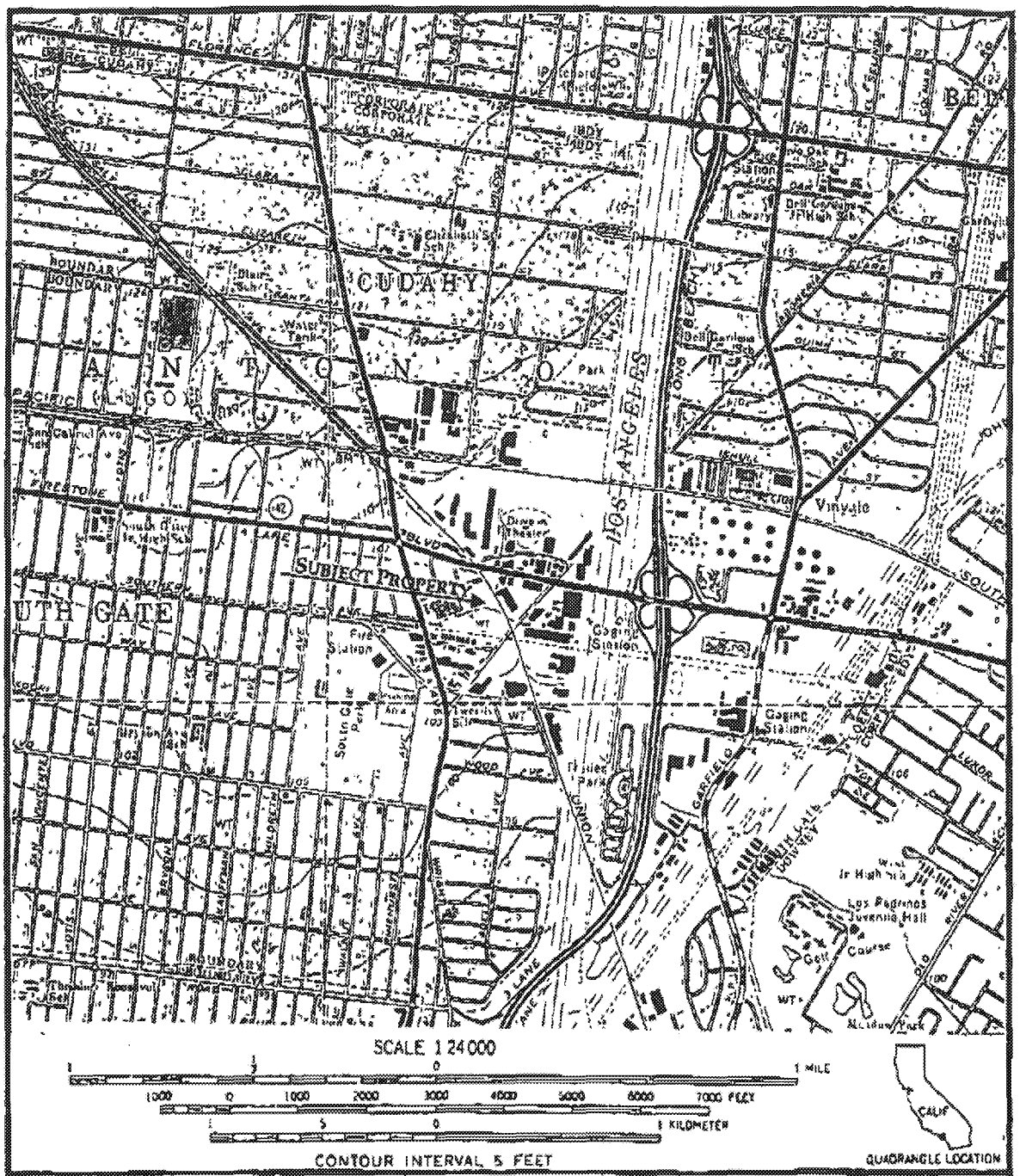
[2] Defined at California Code of Regulations Title 22, Division 4.5 Chapter 11, Article 3 Section 66261.22 Characteristics of Corrosivity

Key

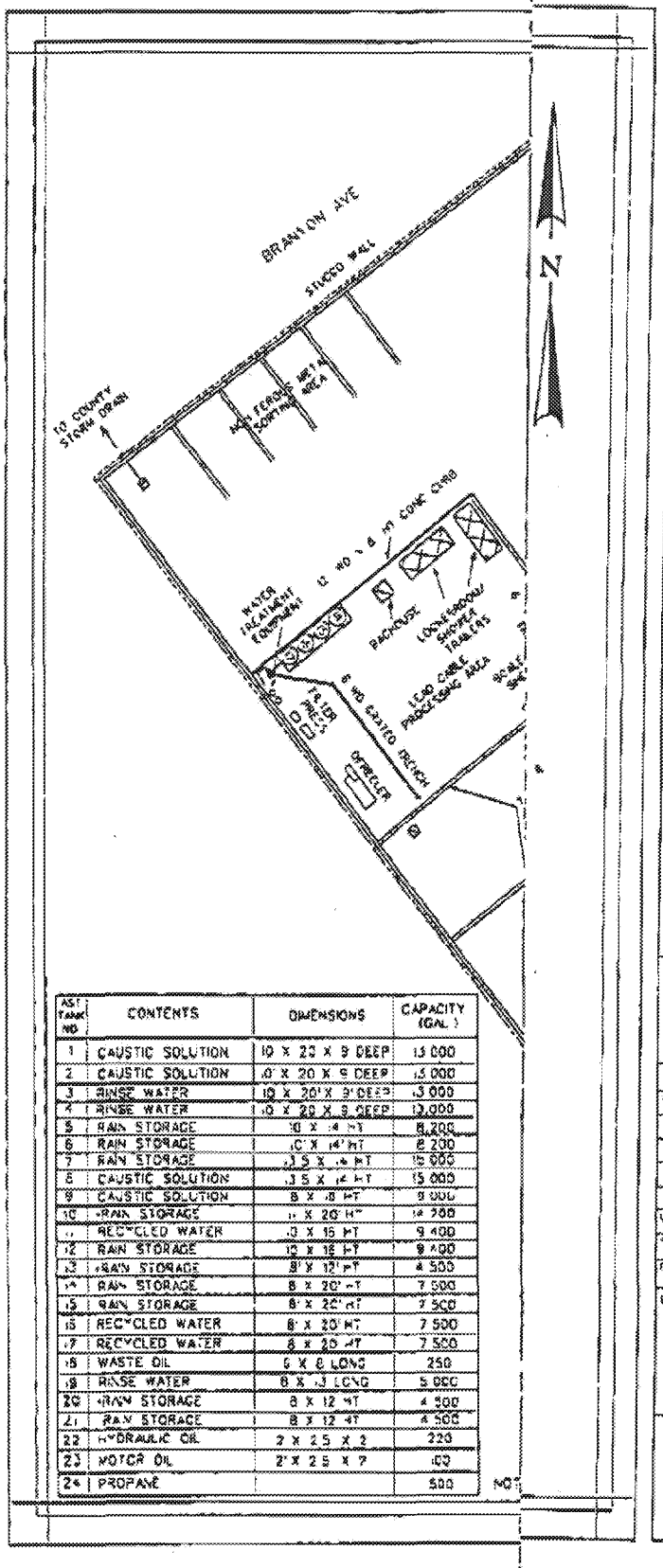
TTLC= Total Threshold Limit Concentration as defined at CCR Title 22, Division 4.5 Chapter 11 Article 3 Section 66261.24 Characteristic of Toxicity

STLC= Soluble Threshold Limit Concentration as defined at CCR Title 22 Division 4.5 Chapter 11 Article 3 Section 66261.24 Characteristic of Toxicity

mg/kg= milligrams per kilogram



CPI Environmental Services, Inc 799 Roosevelt Road, Bldg 6, Suite 110 Glen Ellyn, Illinois 60137 (630) 469-6340	CPI Project No E05-97-04-344	N	Macleod Metals, Inc 9309 Rayo Avenue South Gate California 90280 Los Angeles County
NOTES	Base Map USGS 7 5 Minute Quadrangle Map South Gate, CA 1994		FIGURE 1 PROPERTY LOCATION MAP



AST TANK NO	CONTENTS	DIMENSIONS	CAPACITY (GAL)
1	CAUSTIC SOLUTION	10 X 20 X 9 DEEP	15 000
2	CAUSTIC SOLUTION	10 X 20 X 9 DEEP	15 000
3	RINSE WATER	10 X 20' X 9' DEEP	15 000
4	RINSE WATER	10 X 20 X 9 DEEP	15,000
5	RAIN STORAGE	10 X 14 HT	8,200
6	RAIN STORAGE	10 X 14' HT	8 200
7	RAIN STORAGE	15 X 14 HT	16 000
8	CAUSTIC SOLUTION	15 X 14 HT	15 000
9	CAUSTIC SOLUTION	8 X 8 HT	9 000
10	RAIN STORAGE	10 X 20' HT	14 700
11	RECYCLED WATER	10 X 16 HT	9 400
12	RAIN STORAGE	10 X 16 HT	9 400
13	RAIN STORAGE	8' X 12' HT	4 500
14	RAIN STORAGE	8 X 20' HT	7 500
15	RAIN STORAGE	8' X 20' HT	7 500
16	RECYCLED WATER	8' X 20' HT	7 500
17	RECYCLED WATER	8 X 20 HT	7 500
18	WASTE OIL	5 X 8 LONG	250
19	RINSE WATER	8 X 13 LONG	5 000
20	RAIN STORAGE	8 X 12 HT	4 500
21	RAIN STORAGE	8 X 12 HT	4 500
22	HYDRAULIC OIL	2 X 2.5 X 2	220
23	MOTOR OIL	2' X 2.5 X 2	100
24	PROPANE		500

NOT

Fax (630) 458 8476 Phone (630) 458 8340

CPI Environmental Services, Inc

799 ROOSEVELT ROAD BUILDING 6 SUITE 130
GLEN ELLYN ILLINOIS 60137

LEGEND

PROPERTY LINE
RAILROAD TRACKS
METAL GATE
STORM WATER DISCHARGE
BUILDING
TREES
ABOVEGROUND STORAGE TANK (AST)
UNDERGROUND STORAGE TANK (UST)
SUMP
CATCH BASIN

GRAPHIC SCALE

0 20 40 80

APPROXIMATE FEET

CREATED 3/13/2002 DRAWN BLF APVD NHD

REVISIONS

LEVELS

FILE NAME SITEFEATURE.DGN

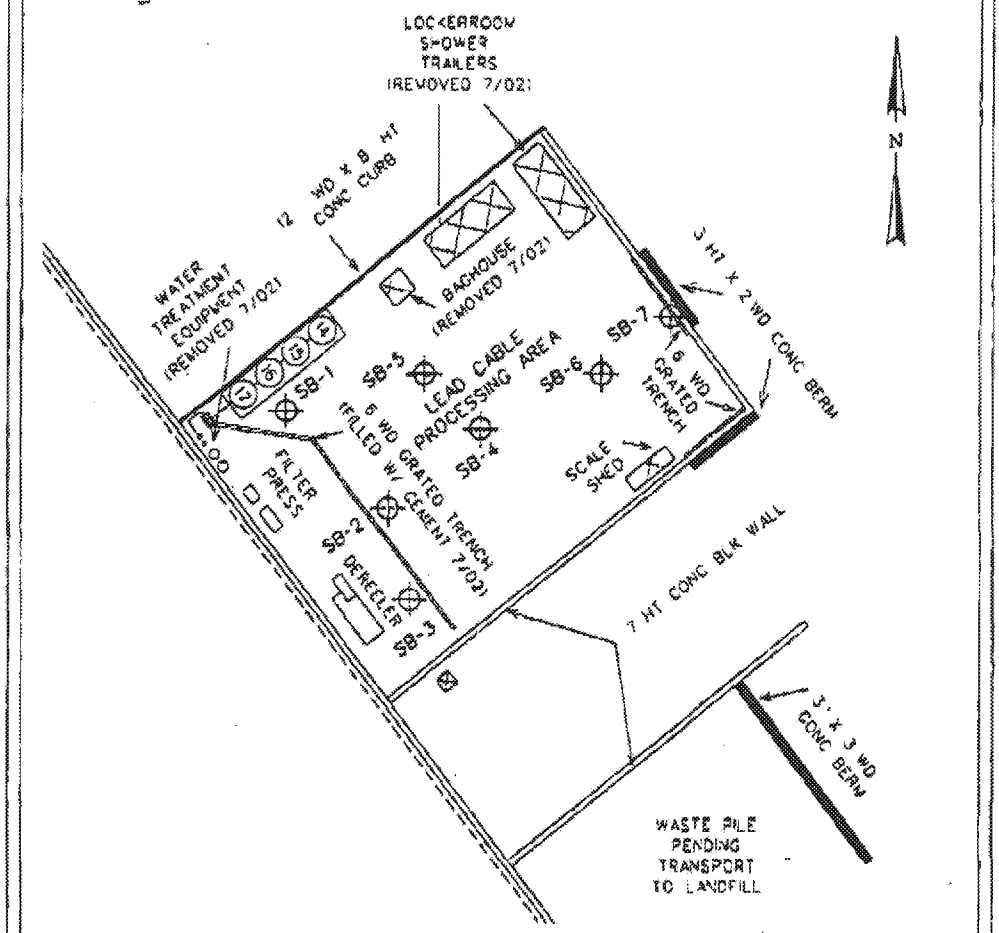
FRAME FR2-LO.DGN PROJ NO C05-07 D-0344

LOCATION

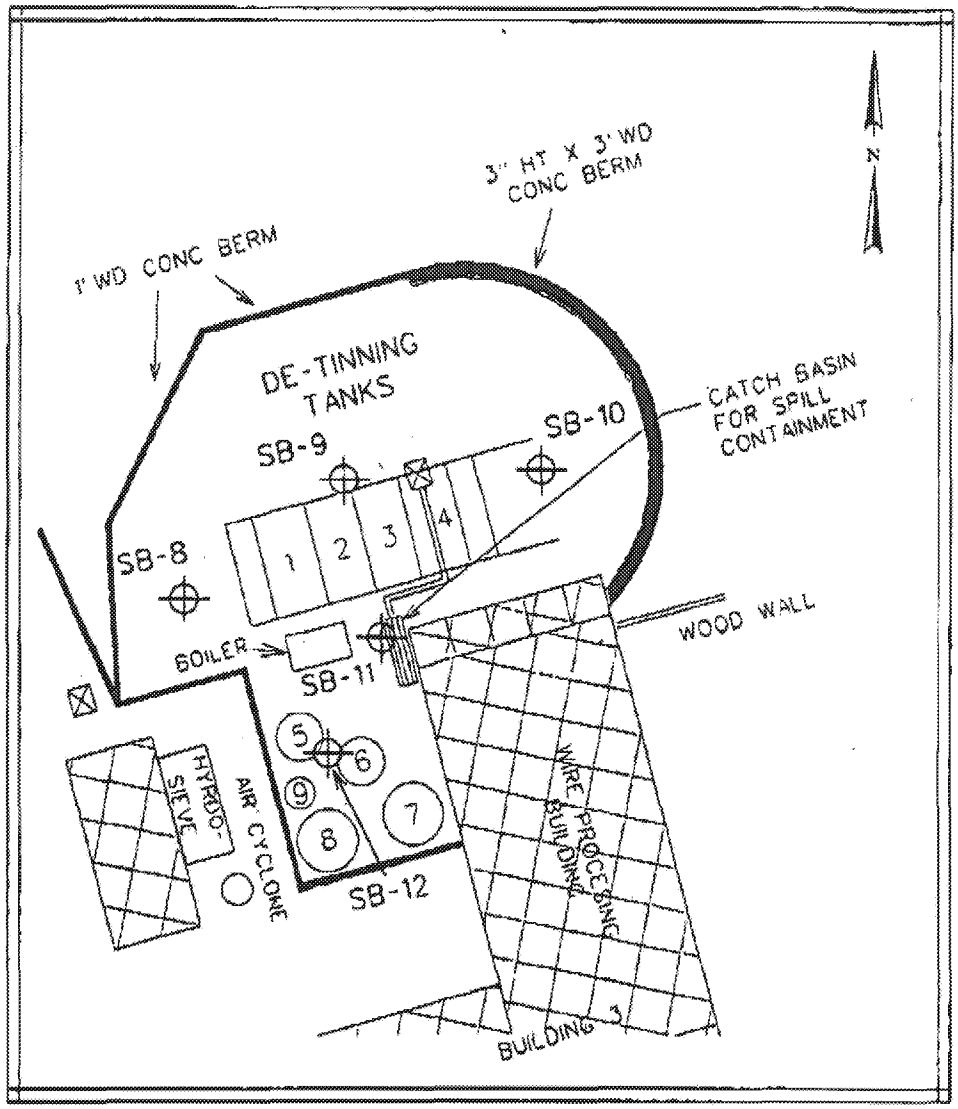
MACLEOD METALS, INC
9309 RAYO AVE
SOUTH GATE, CA 90280

TITLE

FIGURE 2 SUBJECT PROPERTY FEATURES MAP



CPI Environmental Services, Inc	GRAPHIC SCALE 0 10 30 50 APPROXIMATE FEET	LOCATION MACLEOD METALS, INC 9309 RAYO AVE SOUTH GATE, CA 90280
NOTES SB-7 - SOIL BORING LOCATIONS	DATE 11/20/02 / DRAWN BLF	TITLE FIGURE 3 SOIL BORING LOCATIONS LEAD CABLE PROCESSING AREA
	PROJ NO E05-97-04-344 / APVD DKJ	



CPI Environmental Services, Inc

GRAPHIC SCALE: 0 10 30 50 APPROXIMATE FEET

LOCATION: MACLEOD METALS, INC
9309 RAYO AVE
SOUTH GATE, CA 90280

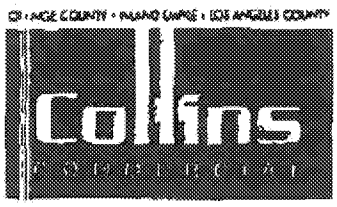
NOTES: SB-12 - SOIL BORING LOCATION

DATE: 11/20/02 | DRAWN: BLF

PROJ NO: EDS-97-04-344 | APVD: DKJ

TITLE: FIGURE 4 SOIL BORING LOCATIONS DE-TINNING TANKS

COMMERCIAL, INDUSTRIAL AND INVESTMENT REAL ESTATE BROKERAGE



OUR PEOPLE MAKE IT HAPPEN.

FAX TRANSMITTAL

DATE. November 14, 2002

TO: Nahid Brown
COMPANY Continental Placer
FAX NUMBER. 630-469-6470

FROM: Nate Olson
Collins Commercial Corporation
2391 Morse Avenue
Irvine, California 92614
(949) 851-2300 / (949) 955-3718 Fax

SUBJECT. Additional Phase 2 Work 9309 Rayo Avenue, South Gate, CA

COMMENTS. Please see attached Contact me if you have any questions, thank you

Following are 3 page(s) including this cover sheet.
Please call me if you do not receive all pages transmitted

COLLINS COMMERCIAL CORPORATION
2391 Morse Avenue • Irvine, California 92614 • (949) 851-2300 • Fax (949) 955-3718
www.collinscommercial.com

FARGO

California Business Banking
100 North Barranca Street, 12th Floor
West Covina, CA 91791

November 12, 2002

Carlos Herrera
Interior Removal Specialists, Inc.
13954 E. Valley Blvd.
La Puente, CA 91746

Dear Mr. Herrera:

Thank you for providing a copy of a Phase 1 and Phase 2 Report regarding the property located at 9309 Rayo Ave South Gate, CA 90280. Please note that the two areas of remaining concern are the Lead Cable Processing Area and the De-Tinning Area. The reviewer indicated that he is more concerned with the Lead Cable Processing Area due to the potential of lead migration and the potential impact to the shallow soils. The potential risk at the De-Tinning Area may not be as great, as any impact should be limited to changing the pH of the soil.

We are recommending that subsurface assessment be obtained to provide a comfort level for the Bank. We believe the best approach is to assess each area individually. Keeping the testing to shallow depths will make assessment easier and faster to complete and should keep the cost down as well. In order to obtain accurate pricing, we will put the described task out to bid however, an estimated range would be between $4,000 and $7,000 (keep in mind that this is an estimate only).

<u>Recommended Testing:</u>

Lead Cable Processing Area:

6 shallow borings to a depth of 5 feet – 3 borings along the western grated trench, 3 borings in the center of the area and 1 boring at the eastern grated trench. Keep in mind that we are only attempting to determine if impact exists; Collect soil samples at 1', 3' and 5' intervals' Analyze all soil samples for Title 22 CAM Metals.

De-Tinning Area:

5 shallow borings to a depth of 5 feet – 4 borings around the De-Tinning tanks with one placed such that the catch basin is covered; 1 boring placed within the AST cluster, Collect soil samples at 1', 3' and 5' depth; Analyze soils for pH levels.

Upon completion of the testing, Wells Fargo will review the results.

Mr. Carlos Herrera
November 12, 2002
Page 2

Please sign below to confirm your agreement that Wells Fargo is to place the recommended additional testing out for bid pricing. Once we receive what we believe to be a competitive price, we will contact you for approval to grant the work request to an independent research company at which time, you will be required to provide Wells Fargo with a check or approval to debit a checking account for the costs of the testing.

Should you decide to use the firm that prepared the Phase 2 report, the firm must discuss the scope of work to be done with Wells Fargo prior to commencing the fieldwork. They should contact William Bater at (562) 425-0830.

Please keep in mind that this letter is only addressing additional testing. Should any additional clean-up be recommended, it will be addressed after the testing has been completed. Also, please note that nothing in this letter should be construed as an approval of your loan request.

Your earliest response is greatly appreciated. Should you develop any questions, please call me at (626) 732-7050.

Respectfully,

Mel Gaines
Vice President
California Business Banking

Cc: Bill Tryon
William Bater
Mike Love
Chuck Sewing
Barry Abruzzo

Accepter By: _____
Carlos Herrera

Date: _____

Checking Account
Number to Debit _____

David K. Johnston

From: "Email Administrator" <webadmin@continentalplacer com>
To: "David K Johnston" <djohnst@continentalplacer com>
Sent: Thursday, November 21, 2002 2 52 PM
Subject: Fw MacLeod Metals/South Gate, CA

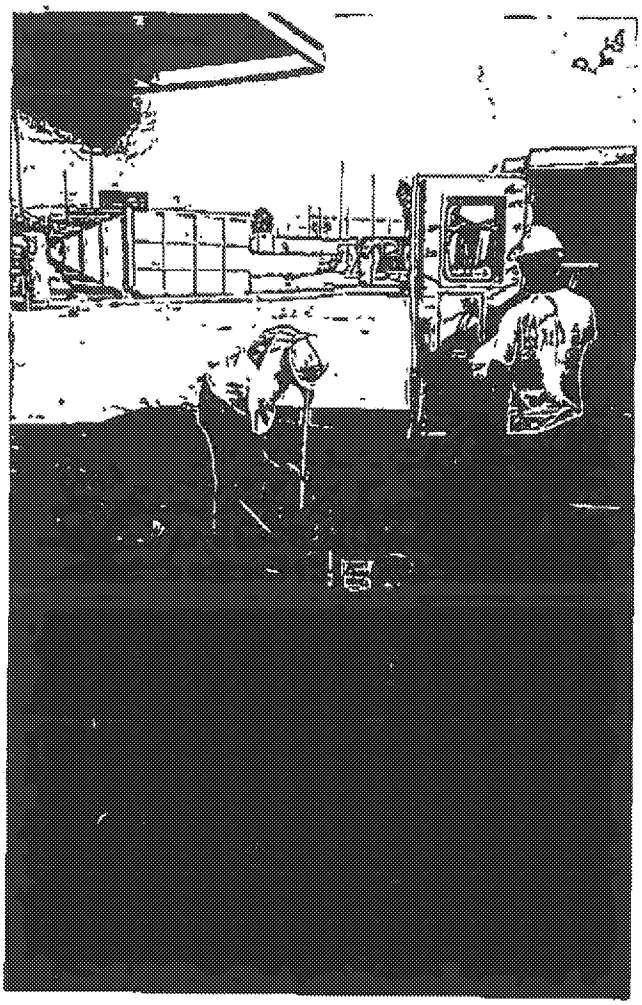
>From CPI Email Administrator

This email message was misdirected by original sender, intercepted by CPI's email administrator, and forwarded to the intended recipient

DO NOT REPLY DIRECTLY TO THIS MESSAGE
PLEASE INFORM SENDER OF THE CORRECT ADDRESS.
----- Original Message -----
From <baterw@WellsFargo COM>
To <djohnsont@continentalplacer com>
Sent Thursday, November 21, 2002 2 18 PM
Subject MacLeod Metals/South Gate, CA

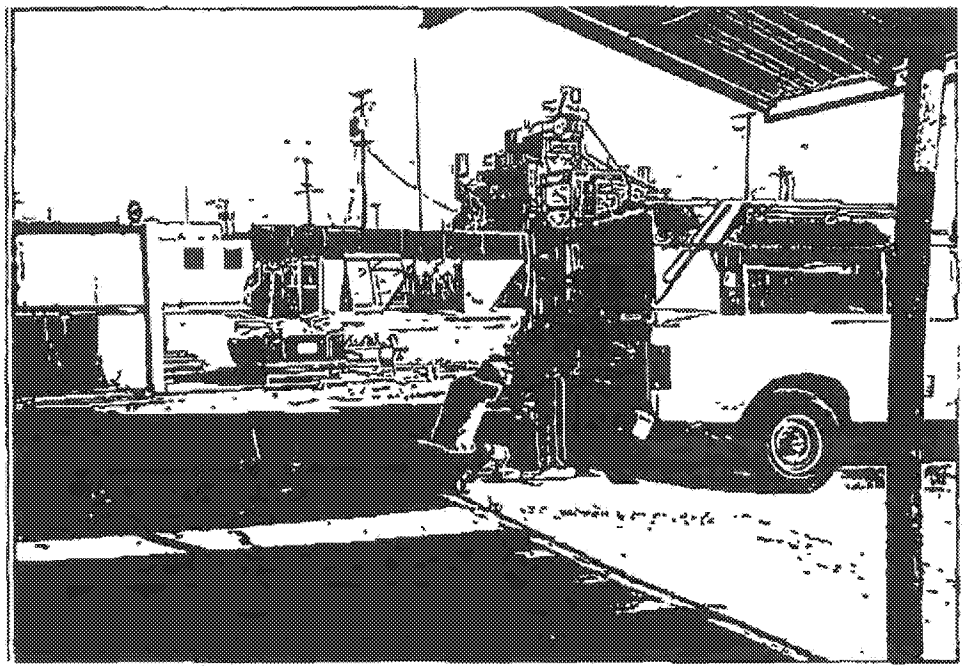
> David
>
> To confirm our phone conversation on the scheduled subsurface sampling, the
> boring locations are fine AS for the analytical work - we will only analyze
> the samples from the Lead cable area for lead not all 22 metals Also I
> would like the samples from the de-tinning area to also be analyzed for
> lead
>
> Bill Bater
>
>

Photographic Log

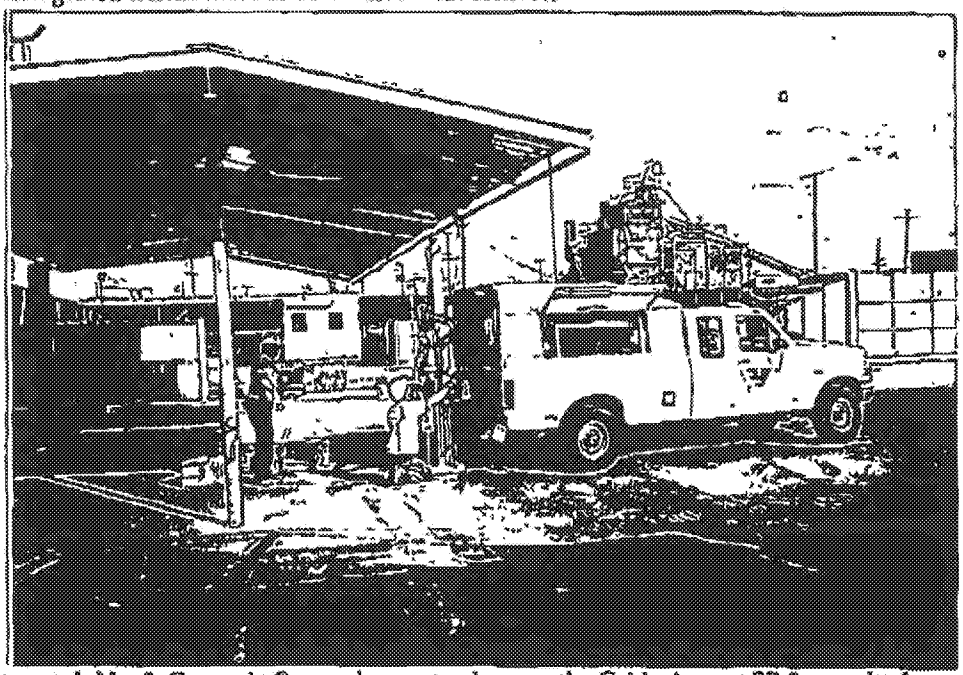


Photograph No. 1: Drillers decontaminating the Geoprobe® sample device prior to soil sampling. The sample devices were decontaminated between samples and borings

Photographic Log (Continued)

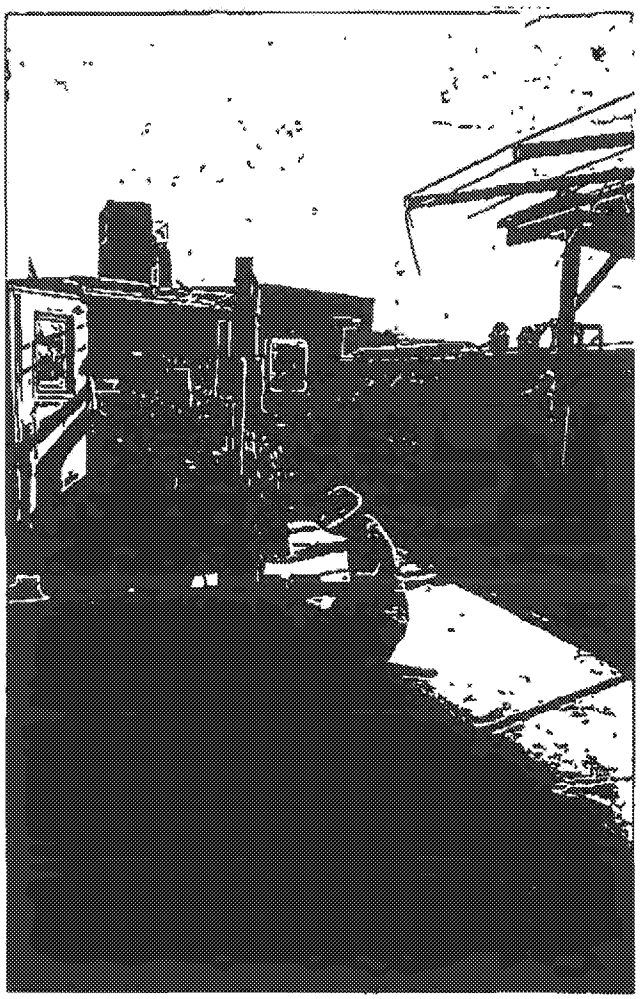


Photograph No. 2: Geoprobe® sampling procedures in the Cable Area at SB-1 near the former western grated trench that has been filled with concrete



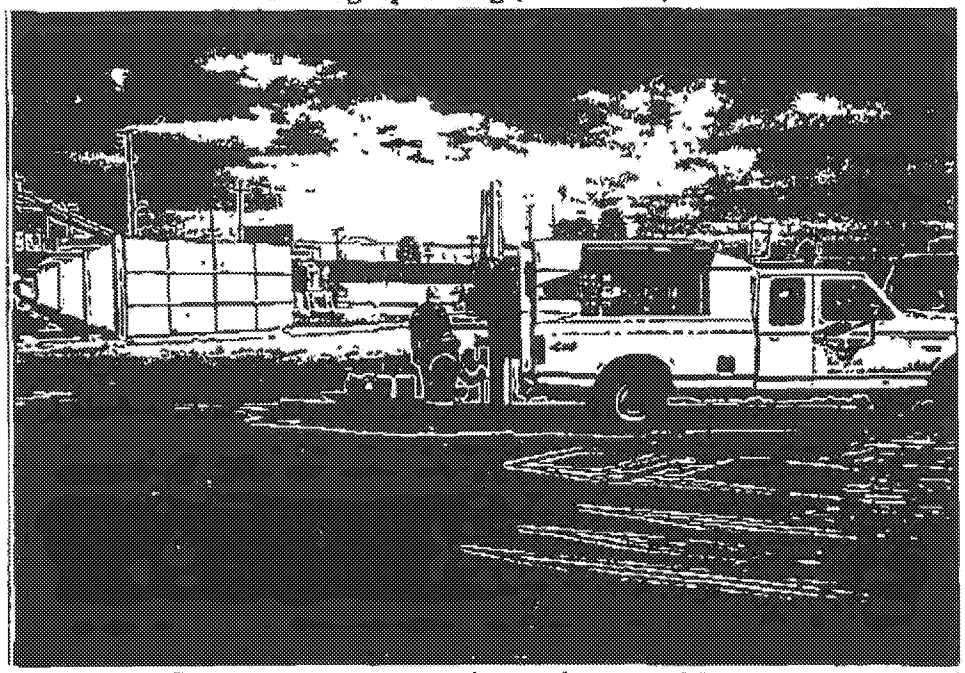
Photograph No. 3: Geoprobe® sampling procedures in the Cable Area at SB-2 near the former western grated trench that has been filled with concrete

Photographic Log (Continued)

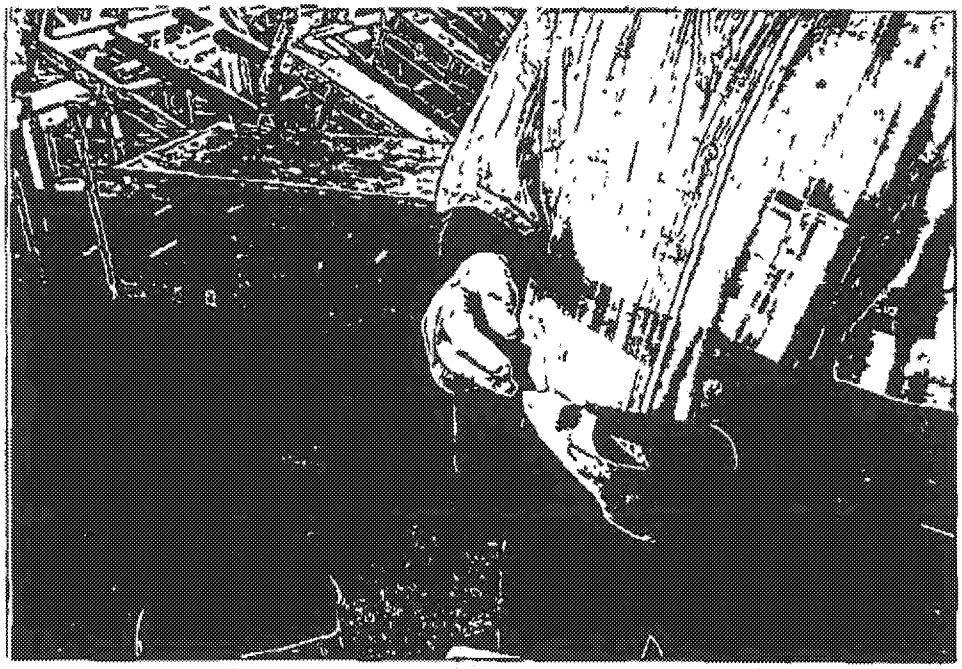


Photograph No. 4. Geoprobe® sampling procedures in the Cable Area at SB-3 near the former western grated trench that has been filled with concrete

Photographic Log (Continued)

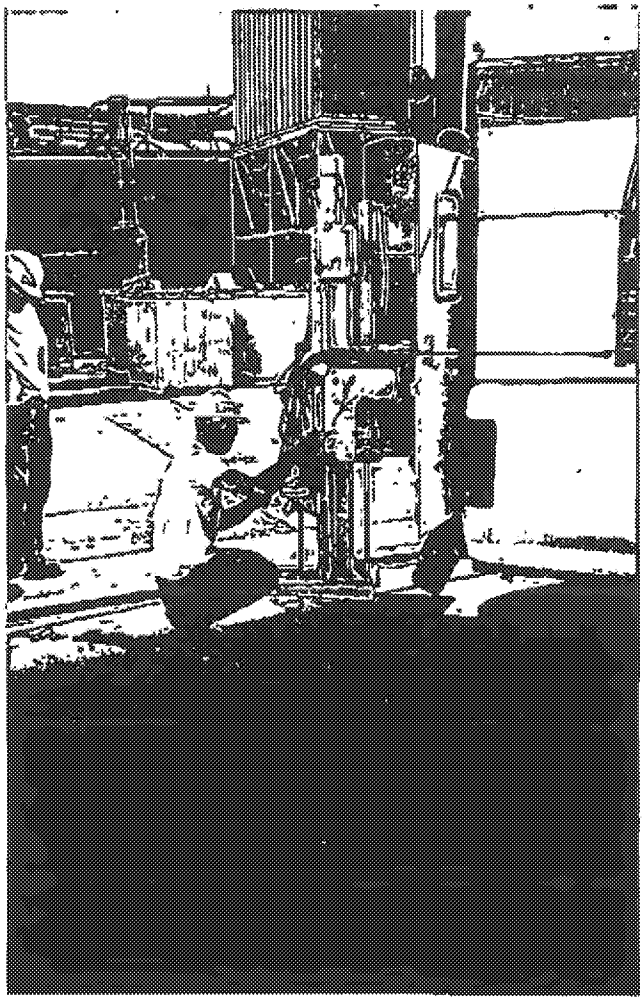


Photograph No. 5: Geoprobe® sampling procedures at SB-5, one of three soil borings (SB-4, SB-5, and SB-6) drilled in the center of the Cable Area



Photograph No 6· Sample preparation procedures, showing placement of Teflon® tape over soil sample contained in plastic liner, and sealing the liner with a plastic cap Plastic liner sealed at both ends

Photographic Log (Continued)

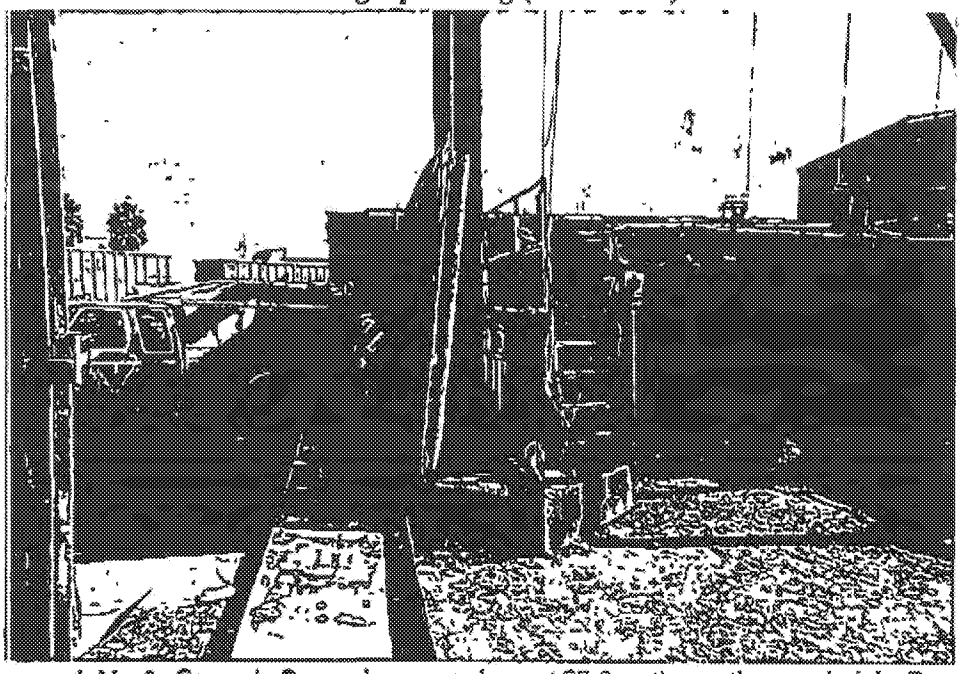


Photograph No. 7· Geoprobe® sampling procedures in the Cable Area at SB-7 near the former eastern grated trench that has been filled with concrete Drilling was performed at a construction joint in the concrete to look for possible impact in the underlying soil

Photographic Log (Continued)

Photograph No. 8: Geoprobe® sampling procedures at SB-8 on the western end of the De-Tinning tanks

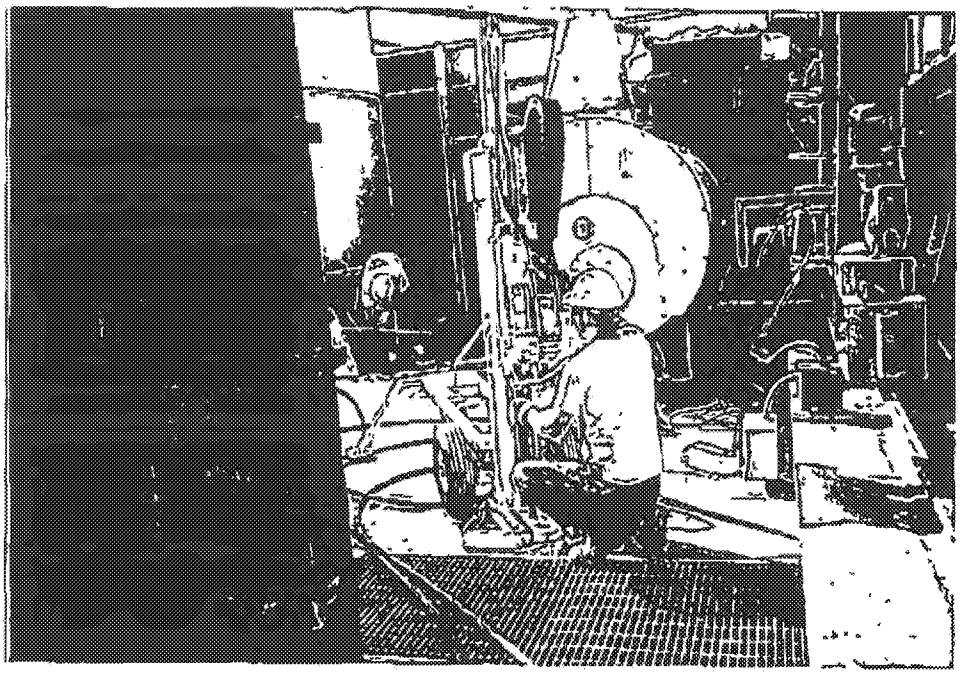
Photographic Log (Continued)



Photograph No. 9: Geoprobe® sampling procedures at SB-9 on the northern end of the De-Tinning tanks

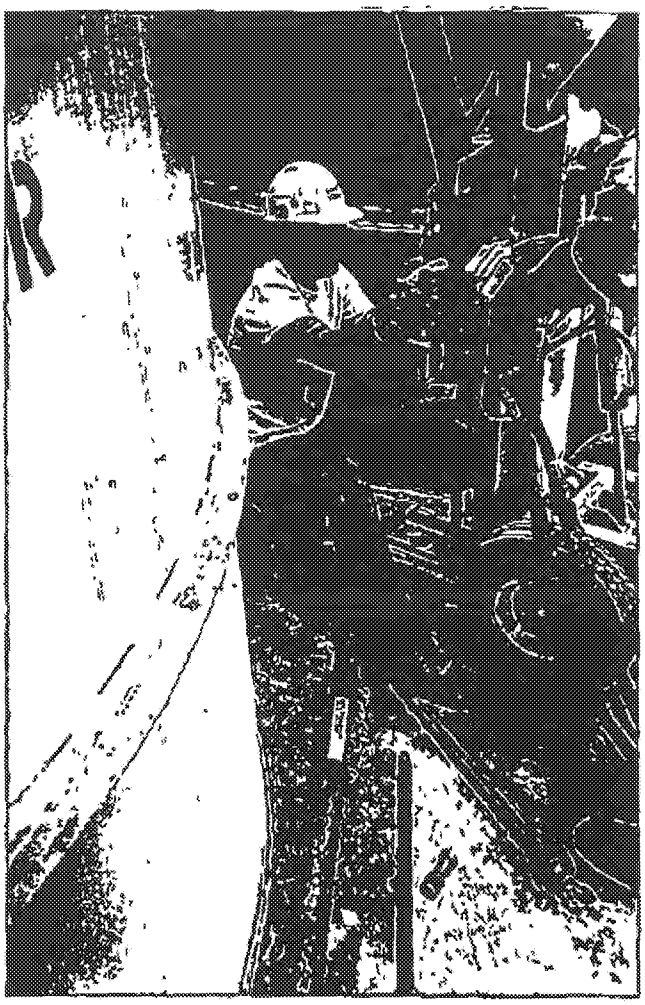
Photograph No. 10: Geoprobe® sampling procedures at SB-10 on the eastern end of the De-Tinning tanks

Photographic Log (Continued)



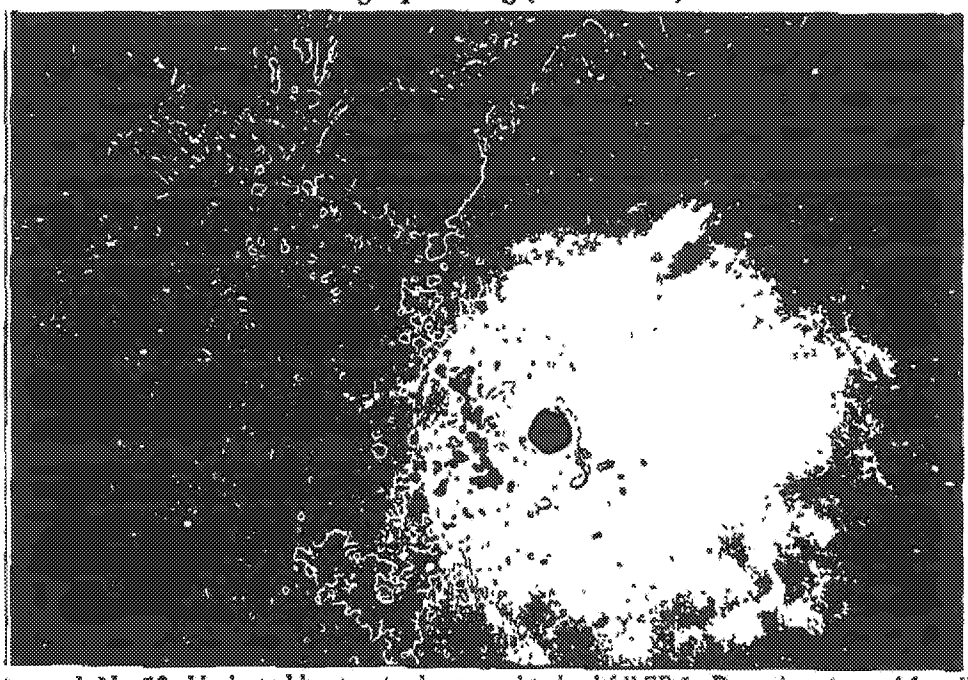
Photograph No. 11: Using the limited-access Geoprobe® to sample in the DeTinning Area at SB-11 near the catch basin Concrete was 12 inches thick at this location

Photographic Log (Continued)



Photograph No. 12: Using the limited-access Geoprobe® to sample in the DeTinning Area at SB-12 near the aboveground storage tanks (between tanks 5 and 6) Concrete was 12 inches thick at this location

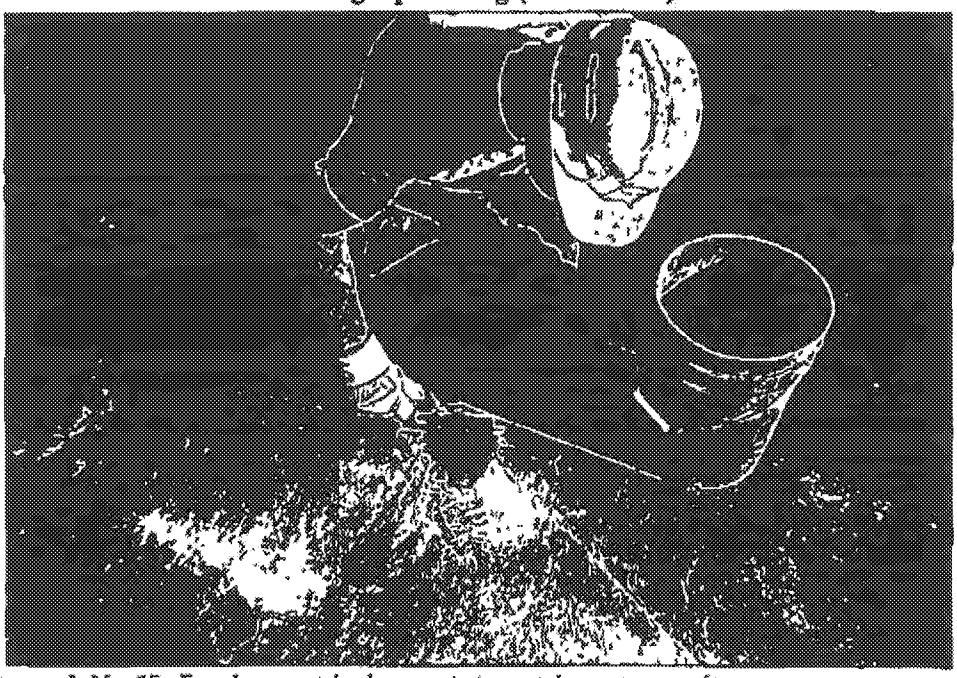
Photographic Log (Continued)



Photograph No 13: Hydrated bentonite chips used to backfill SB-1 Procedure typical for all borings Dark area is water splashed on concrete during hydration of bentonite

Photograph No. 14: Patching concrete in soil boring locations SB-6 and SB-7 within the Cable Area Procedure typical for all borings.

Photographic Log (Continued)



Photograph No. 15: Finishing patched concrete to match existing surface

BORING LOG

CENTEC ENGINEERING, INC.
1601 DOVE STREET, SUITE 100
NEWPORT BEACH, CALIFORNIA 92660
(949) 476-8922

CLIENT NAME: CPI Environmental
PROJECT NAME: MacLeod Metals
DATE: 11/22/02
BEGIN DRILLING: 09 15 a m
END DRILLING: 09 30 a m

BORING NUMBER: SB-1
BORING LOGGED BY: Dan Louks, Registered Geologist
DRILLING CONTRACTOR Kehoe
DRILLING METHOD GeoProbe
SITE LOCATION: 9309 Rayo Ave , South Gate, CA

TIME	DEPTH	BLOW COUNTS	SAMPLE TYPE	TOV (PPM)	SAMPLE DESCRIPTION	USCS SOIL TYPE	LAB SAMPLE
09 20	0 1		Soil		Silt and sand, brown, low plasticity, very fine sand, no odor or staining	ML	SB-1-1'
09 25	3		Soil		Sand, light brown, well sorted, very fine grained, no odor or staining	SP	SB-1-3'
09 30	5		Soil		Sand, light brown, well sorted, very fine grained, no odor or staining	SP	SB-1-5'
	15						
	20						
	25						
	30						
	35						

REGISTERED GEOLOGIST
DANIEL R. LOUKS
No. 4883
Exp.
STATE OF CALIFORNIA

BORING LOG

CENTEC ENGINEERING, INC.
1601 DOVE STREET, SUITE 100
NEWPORT BEACH, CALIFORNIA 92660
(949) 476-8922

CLIENT NAME: CPI Environmental
PROJECT NAME: MacLeod Metals
DATE: 11/22/02
BEGIN DRILLING: 08 50 a m
END DRILLING: 09 05 a m

BORING NUMBER: SB-2
BORING LOGGED BY: Dan Louks, Registered Geologist
DRILLING CONTRACTOR Kehoe
DRILLING METHOD GeoProbe
SITE LOCATION: 9309 Rayo Ave , South Gate, CA

TIME	DEPTH	BLOW COUNTS	SAMPLE TYPE	TOV (PPM)	SAMPLE DESCRIPTION	USCS SOIL TYPE	LAB SAMPLE
08 55	0 1		Soil		Silt, brown, loose, low plasticity, some clay, no odor	ML	SB-2-1'
09 00	3		Soil		Silty sand, light brown, loose, very fine sand, no odor or staining, sugar texture	ML	SB-2-3'
09 05	5		Soil		Sand, light brown, loose, very fine grained, well sorted, no odor or staining	SP	SB-2-5'
	15				Dan Louks		
	20				REGISTERED GEOLOGIST DANIEL R. LOUKS No. 4883 Exp. 11/[illegible] STATE OF CALIFORNIA		
	25						
	30						

BORING LOG

CENTEC ENGINEERING, INC.
1601 DOVE STREET, SUITE 100
NEWPORT BEACH, CALIFORNIA 92660
(949) 476-8922

CLIENT NAME: CPI Environmental
PROJECT NAME. MacLeod Metals
DATE: 11/22/02
BEGIN DRILLING: 08 30 a m
END DRILLING: 08 45 a m

BORING NUMBER: SB-3
BORING LOGGED BY: Dan Louks, Registered Geologist
DRILLING CONTRACTOR Kehoe
DRILLING METHOD GeoProbe
SITE LOCATION: 9309 Rayo Ave , South Gate, CA

TIME	DEPTH	BLOW COUNTS	SAMPLE TYPE	TOV (PPM)	SAMPLE DESCRIPTION	USCS SOIL TYPE	LAB SAMPLE
08 35	0 1		Soil		Silt, brown, loose, low plasticity, some clay and very fine sand, no odor or staining	ML	SB-3-1'
08.40	3		Soil		Silt and sand, brown, loose, low plasticity, some very fine sand, no odor or staining	ML	SB-3-3'
08 45	5		Soil		Silt and sand, loose, low plasticity, very fine sand, no odor or staining	ML	SB-3-5'
	15						
	20						
	25						
	30						

Dan Louks

REGISTERED GEOLOGIST
DANIEL R. LOUKS
No. 4883
Exp. 11/03
STATE OF CALIFORNIA

BORING LOG

CENTEC ENGINEERING, INC.
1601 DOVE STREET, SUITE 100
NEWPORT BEACH, CALIFORNIA 92660
(949) 476-8922

CLIENT NAME: CPI Environmental
PROJECT NAME: MacLeod Metals
DATE: 11/22/02
BEGIN DRILLING: 09 45 a m
END DRILLING: 10 00 a m

BORING NUMBER: SB-4
BORING LOGGED BY: Dan Louks, Registered Geologist
DRILLING CONTRACTOR Kahoe
DRILLING METHOD GeoProbe
SITE LOCATION: 9309 Rayo Ave , South Gate, CA

TIME	DEPTH	BLOW COUNTS	SAMPLE TYPE	TOV (PPM)	SAMPLE DESCRIPTION	USCS SOIL TYPE	LAB SAMPLE
	0						
09 50	1		Soil		Silt and sand, dark brown, low plasticity, very fine sand, no odor or staining	ML	SB-4-1'
09 55	3		Soil		Sand, light brown, well sorted, very fine sand, no odor, no staining	SP	SB-4-3'
10 00	5		Soil		Silt and sand, light brown, very fine grained, no odor or staining	ML	SB-4-5'
	15						
	20						
	25						
	30						

REGISTERED GEOLOGIST
DANIEL R. LOUKS
No. 4883
Exp. 11/4/3
STATE OF CALIFORNIA

BORING LOG

CENTEC ENGINEERING, INC.
1601 DOVE STREET, SUITE 100
NEWPORT BEACH, CALIFORNIA 92660
(949) 476-8922

CLIENT NAME: CPI Environmental
PROJECT NAME: MacLaod Metals
DATE: 11/22/02
BEGIN DRILLING: 09 30 a m
END DRILLING: 09 45 a m

BORING NUMBER: SB-5
BORING LOGGED BY: Dan Louks, Registered Geologist
DRILLING CONTRACTOR Kehoe
DRILLING METHOD GeoProbe
SITE LOCATION: 9309 Rayo Ave , South Gate, CA

TIME	DEPTH	BLOW COUNTS	SAMPLE TYPE	TOV (PPM)	SAMPLE DESCRIPTION	USCS SOIL TYPE	LAB SAMPLE
	0						
09 35	1		Soil		Silt and sand, brown, low plasticity, very fine sand, no odor or staining.	ML	SB-5-1'
09 40	3		Soil		Silt and sand, brown, low plasticity, very fine sand, no odor or staining	ML	SB-5-3'
09 45	5		Soil		Sand, light brown, well sorted, very fine grained, no odor or staining	ML	SB-5-5'
	15						
	20						
	25						
	30						
	35						

Dan Louks

DANIEL R. LOURS No. 4382 Exp. 12/05 STATE OF CALIFORNIA

BORING LOG

CENTEC ENGINEERING, INC.
1601 DOVE STREET, SUITE 100
NEWPORT BEACH, CALIFORNIA 92660
(949) 476-8922

CLIENT NAME: CPI Environmental
PROJECT NAME: MacLeod Metals
DATE: 11/22/02
BEGIN DRILLING: 10 00 a m.
END DRILLING: 10 15 a m

BORING NUMBER: SB-6
BORING LOGGED BY: Dan Louks, Registered Geologist
DRILLING CONTRACTOR Kehoe
DRILLING METHOD GeoProbe
SITE LOCATION: 9309 Rayo Ave , South Gate, CA

TIME	DEPTH	BLOW COUNTS	SAMPLE TYPE	TOV (PPM)	SAMPLE DESCRIPTION	USCS SOIL TYPE	LAB SAMPLE
	0						
10 05	1		Soil		Silt, light brown, low plasticity, some very fine sand, no odor or staining	ML	SB-6-1'
10 10	3		Soil		Silt and sand, light brown, low plasticity, very fine sand, no odor, no staining	ML	SB-6-3'
10 15	5		Soil		Silt and sand, light brown, low plasticity, very fine sand, no odor or staining	ML	SB-6-5'
	15						
	20						
	25						
	30						

DANIEL R. LOUKS No. 4883 Exp. 11/31 STATE OF CALIFORNIA

BORING LOG

CENTEC ENGINEERING, INC.
1601 DOVE STREET, SUITE 100
NEWPORT BEACH, CALIFORNIA 92660
(949) 476-8922

CLIENT NAME: CPI Environmental
PROJECT NAME: MacLeod Metals
DATE: 11/22/02
BEGIN DRILLING: 10 15 a m
END DRILLING: 10 30 a m

BORING NUMBER: SB-7
BORING LOGGED BY: Dan Louks, Registered Geologist
DRILLING CONTRACTOR Kehoe
DRILLING METHOD GeoProbe
SITE LOCATION: 9309 Rayo Ave , South Gate, CA

TIME	DEPTH	BLOW COUNTS	SAMPLE TYPE	TOV (PPM)	SAMPLE DESCRIPTION	USCS SOIL TYPE	LAB SAMPLE
	0						
10 20	1		Soil		Silt and sand, light brown, very fine sand, no odor or staining	ML	SB-7-1'
10 25	3		Soil		Silt, dark brown, low plasticity, very fine sand and clay, no odor, no staining	ML	SB-7-3'
10:30	5		Soil		Sand, light brown, very fine grained, well sorted, sugar texture, no odor or staining	ML	SB-7-5'
	15						
	20						
	25						
	30						

REGISTERED GEOLOGIST
DANIEL R. LOUKS
No. 4883
Exp 12/07
STATE OF CALIFORNIA

BORING LOG

CENTEC ENGINEERING, INC.
1601 DOVE STREET, SUITE 100
NEWPORT BEACH, CALIFORNIA 92660
(949) 476-8922

CLIENT NAME: CPI Environmental
PROJECT NAME: MacLeod Metals
DATE: 11/22/02
BEGIN DRILLING: 10 55 a m
END DRILLING: 11 10 a m

BORING NUMBER: SB-8
BORING LOGGED BY: Dan Louks, Registered Geologist
DRILLING CONTRACTOR Kehoe
DRILLING METHOD GeoProbe
SITE LOCATION: 9309 Rayo Ave , South Gate, CA

TIME	DEPTH	BLOW COUNTS	SAMPLE TYPE	TOV (PPM)	SAMPLE DESCRIPTION	USCS SOIL TYPE	LAB SAMPLE
11 00	0 1		Soil		Sand, light brown, well sorted, very fine grained, no odor or staining	ML	SB-8-1'
11 05	3		Soil		Sand, light brown, well sorted, very fine grained, changes to silty clay, dark brown, low plasticity, slightly damp, no odor	SP/CL	SB-8-3'
11 10	5		Soil		Silt and sand, dark brown, low plasticity, some very fine sand, no odor or staining	ML	SB-8-5'
	15						
	20						
	25						
	30						

REGISTERED GEOLOGIST
DANIEL R. LOUKS
No 4883
Exp. 11/03
STATE OF CALIFORNIA

BORING LOG

CENTEC ENGINEERING, INC.
1601 DOVE STREET, SUITE 100
NEWPORT BEACH, CALIFORNIA 92660
(949) 476-8922

CLIENT NAME: CPI Environmental
PROJECT NAME: MacLeod Metals
DATE: 11/22/02
BEGIN DRILLING: 11 25 a m
END DRILLING: 11 40 a m

BORING NUMBER: SB-9
BORING LOGGED BY: Dan Louks, Registered Geologist
DRILLING CONTRACTOR Kehoe
DRILLING METHOD GeoProbe
SITE LOCATION: 9309 Rayo Ave , South Gate, CA

TIME	DEPTH	BLOW COUNTS	SAMPLE TYPE	TOV (PPM)	SAMPLE DESCRIPTION	USCS SOIL TYPE	LAB SAMPLE
	0						
11 30	1		Soil		Silt, dark brown, low plasticity, some clay and very fine sand, no odor, no staining, changes to very fine sand	ML	SB-9-1'
11 35	3		Soil		Clay, black, medium high plasticity, very moist, no odor, micaceous	CH	SB-9-3'
11 40	5		Soil		Sandy clay, black, low plasticity, some very fine sand and silt, micaceous, damp, no odor or staining	CL	SB-9-5'
	15						
	20						
	25						
	30						

DANIEL R LOUKS
No 4823
Exp. 11/23
STATE OF CALIFORNIA

BORING LOG

CENTEC ENGINEERING, INC.
1601 DOVE STREET, SUITE 100
NEWPORT BEACH, CALIFORNIA 92660
(949) 476-8922

CLIENT NAME: CPI Environmental
PROJECT NAME: MacLeod Metals
DATE: 11/22/02
BEGIN DRILLING: 12 10 a m
END DRILLING: 12 25 a m

BORING NUMBER: SB-10
BORING LOGGED BY: Dan Louks, Registered Geologist
DRILLING CONTRACTOR Kehoe
DRILLING METHOD GeoProbe
SITE LOCATION: 9309 Rayo Ave , South Gate, CA

TIME	DEPTH	BLOW COUNTS	SAMPLE TYPE	TOV (PPM)	SAMPLE DESCRIPTION	USCS SOIL TYPE	LAB SAMPLE
	0						
12 15	1		Soil		Sand, greenish grey, well sorted, very fine grained, sugar texture, no odor or staining	ML	SB-10-1'
12 20	3		Soil		Sand, light grey, well sorted, very fine grained, sugar texture, no odor or staining	ML	SB-10-3'
12 25	5		Soil		Silt, dark brown, low plasticity, some very fine sand and clay, damp, micaceous, no odor or staining	ML	SB-10-5'
	15						
	20						
	25						
	30						

REGISTERED GEOLOGIST
DANIEL R. LOUKS
No. 4583
Exp 1/23
STATE OF CALIFORNIA

BORING LOG

CENTEC ENGINEERING, INC.
1601 DOVE STREET, SUITE 100
NEWPORT BEACH, CALIFORNIA 92660
(949) 476-8922

CLIENT NAME: CPI Environmental
PROJECT NAME: MacLaod Metals
DATE: 11/22/02
BEGIN DRILLING: 13 55 p m
END DRILLING: 14 10 p m

BORING NUMBER: SB-11
BORING LOGGED BY: Dan Louks, Registered Geologist
DRILLING CONTRACTOR Kehoe
DRILLING METHOD GeoProbe
SITE LOCATION: 9309 Rayo Ave , South Gate, CA

TIME	DEPTH	BLOW COUNTS	SAMPLE TYPE	TOV (PPM)	SAMPLE DESCRIPTION	USCS SOIL TYPE	LAB SAMPLE
	0						
14 00	1		Soil		Silty clay, greenish grey, low plasticity, slightly damp, no odor or staining	CL	SB-11-1'
14 05	3		Soil		Silt, dark brown, low plasticity, some clay, with concrete debris, no odor	ML	SB-11-3'
14 10	5		Soil		Sand, dark grey, poorly sorted, very fine - fine grained, 10% fine gravel, no odor or staining	SW	SB-11-5'
	15						
	20						
	25						
	30						

Dan Louks

DANIEL H LOUKS No. 4883 Exp. 11/03 STATE OF CALIFORNIA

BORING LOG

CENTEC ENGINEERING, INC.
1601 DOVE STREET, SUITE 100
NEWPORT BEACH, CALIFORNIA 92660
(949) 476-8922

CLIENT NAME: CPI Environmental
PROJECT NAME: MacLeod Metals
DATE: 11/22/02
BEGIN DRILLING: 13 15 p m
END DRILLING: 13 40 p m

BORING NUMBER: SB-12
BORING LOGGED BY: Dan Louks, Registered Geologist
DRILLING CONTRACTOR Kehoe
DRILLING METHOD GeoProbe
SITE LOCATION: 9309 Rayo Ave , South Gate, CA

TIME	DEPTH	BLOW COUNTS	SAMPLE TYPE	TOV (PPM)	SAMPLE DESCRIPTION	USCS SOIL TYPE	LAB SAMPLE
	0						
13 30	1		Soil		Clayey silt, gray/brown, low plasticity, damp, no odor or staining	ML	SB-12-1'
13 35	3		Soil		Clayey silt, dark brown, some very fine sand, trace pebbles, no odor	ML	SB-12-3'
13 40	5		Soil		Asphalt and concrete debris, no odor, some green discoloration Refusal at 5'	--	SB-12-5'
	15						
	20						
	25						
	30						

DANIEL R. LOUKS
No. 4883
Exp. 11/03
STATE OF CALIFORNIA

CAL TECH Environmental Laboratories

6814 Rosecrans Avenue Paramount, CA 90723-3146
Telephone (562) 272-2700 Fax (562) 272-2789

ANALYTICAL RESULTS*

[redacted] CT204-0211175
Centec Engineering
1601 Dove Street, Suite 100
Newport Beach, CA 92660
[redacted] Mr. Steve Collins

Phone:(949) 476-8922
Fax: (949) 474-3222

[redacted] MacLeod Metals

[redacted] 11/22/02 @ 09:20 am
11/22/02 @ 14:20 p.m.
11/24/02 - 11/25/02

Matrix: Soil

[redacted]	0211-175-1 SB-1-1'	0211-175-2 SB-1-3'	0211-175-3 SB-1-5'	Method	Units	Detection Limit
Lead, ICP	ND	ND	ND	SW 846 6010B	mg/Kg	5
HCL Extraction	11/22/02	11/22/02	11/22/02	SW 846 3050	Date	

ND = Not Detected at the indicated Detection Limit

CT204-0211175
Center Engineering
1601 Dove Street, Suite 100
Newport Beach, CA 92660
Mr Steve Collins

Phone:(949) 476-8922
Fax: (949) 474-3222

MacLeod Metals

11/22/02 @ 03 55 am
11/22/02 @ 14:20 p m
11/24/02 - 11/25/02

Matrix: Soil

	0211 175-4 SB-2-1'	0211-175-5 SB-2-3'	0211-175-6 SB-2-5'	Method	Units	Detection Limit
Lead, ICP	ND	ND	ND	SW 846 6010B	mg/Kg	5
HCL Extraction	11/22/02	11/22/02	11/22/02	SW 846 3050	Date	

ND = Not Detected at the indicated Detection Limit

CT204-0211175
Coatec Engineering
1601 Dove Street, Suite 100
Newport Beach, CA 92660
Mr. Steve Collins

Phone:(949) 476-8722
Fax: (949) 474-3122

MacLeod Metals

11/22/02 @ 09:35 am
11/22/02 @ 14:20 p m.
11/24/02 - 11/25/02

Matrix: Soil

	0211 175-7 SB-3-1'	0211-175-8 SB-3-3'	0211-175-9 SB-3-5'	Method	Units	Detection Limit
Lead, ICP	ND	ND	ND	SW 846 6010B	mg/Kg	5
HCL Extraction	11/22/02	11/22/02	11/22/02	SW 846 3050	Date	

ND = Not Detected at the indicated Detection Limit

[redacted] CT204-0211175
Centec Engineering
1601 Dove Street, Suite 100
Newport Beach, CA 92660
Phone:(949) 476-8922
Fax: (949) 474-3222

[redacted] Mr. Steve Collins

[redacted] MacLeod Metals

[redacted] 11/22/02 @ 09:50 am
11/22/02 @ 14:20 p.m.
11/24/02 - 11/15/02

Matrix: Soil

[redacted]	0211-175-10 SB-4-1'	0211-175-11 SB-4-3'	0211-175-12 SB-4-5'	Method	Units	Detection Limit
Lead, ICP	ND	ND	ND	SW 846 6010B	mg/Kg	5
HCL Extraction	11/22/02	11/22/02	11/22/02	SW 846 3050	Date	

ND = Not Detected at the Indicated Detection Limit

CT204-0211175
Centec Engineering
1601 Dove Street, Suite 100
Newport Beach, CA 92660
Mr. Steve Collins

Phone:(949) 476-8322
Fax: (949) 474-3122

MacLeod Metals

11/22/02 @ 09:35 am
11/22/02 @ 14:20 p.m.
11/24/02 - 11/25/02

Matrix: Soil

	0211-175-13 SB 5-1'	0211-175-14 SB-5-3'	0211-175-15 SB-5-5'	Method	Units	Detection Limit
Lead, ICP	ND	ND	ND	SW 846 6010B	mg/Kg	5
HCL Extraction	11/22/02	11/22/02	11/22/02	SW 846 3050	Date	

ND = Not Detected at the indicated Detection Limit

[redacted] CT204-0211175
Centec Engineering
1601 Dove Street, Suite 100
Newport Beach, CA 92660

Phone:(949) 476-8322
Fax: (949) 474-3222

[redacted] Mr. Steve Collins

[redacted] MacLeod Metals

[redacted] 11/22/02 @ 10:05 am
11/22/02 @ 14:20 p.m.
11/24/02 - 11/15/02

Matrix: Soil

[redacted]	0211-175-16 SB-6-1'	0211-175-17 SB-6-3'	0211-175-18 SB-6-5'	Method	Units	Detection Limit
Lead, ICP	ND	ND	ND	SW 846 6010B	mg/Kg	5
HCL Extraction	11/22/02	11/22/02	11/22/02	SW 846 3050	Date	

ND = Not Detected at the indicated Detection Limit

[redacted] CT204-0211175
Centec Engineering
1601 Dove Street, Suite 100
Newport Beach, CA 92660
[redacted] Mr. Steve Collins

Phone:(949) 476-8922
Fax: (949) 474-3122

[redacted] MacLeod Metals

[redacted] 11/22/02 @ 10:20 am
11/22/02 @ 14:20 p.m.
11/24/02 - 11/25/02

Matrix: Soil

[redacted]	0211-175-19 SB-7-1'	0211-175-20 SB-7-3'	0211-175-21 SB-7-5'	Method	Units	Detection Limit
Lead, ICP	ND	ND	ND	SW 846 6010B	mg/Kg	5
HCL Extraction	11/22/02	11/22/02	11/22/02	SW 846 3050	Date	

ND = Not Detected at the indicated Detection Limit

CT204-0211175
Centec Engineering
1601 Dove Street, Suite 100
Newport Beach, CA 92660
Mr. Steve Collins

Phone:(949) 476-8722
Fax (949) 474-3722

MacLeod Metals

11/22/02 @ 11:00 am
11/22/02 @ 14:20 p.m
11/24/02 - 11/25/02

Matrix: Soil

	0211-175-22 SB 8-1'	0211-175-23 SB-8-3'	0211-175-24 SB-8-5'	Method	Units	Detection Limit
Lead, ICP	ND	ND	ND	SW 846 6010B	mg/Kg	5
pH	8.03	8.02	8.11	EPA 150.1	Unit	
HCL Extraction	11/22/02	11/22/02	11/22/02	SW 846 3050	Date	

ND = Not Detected at the indicated Detection Limit

[redacted] CT204-0211175
Centec Engineering
1601 Dove Street, Suite 100
Newport Beach, CA 92660
[redacted] Mr. Steve Collins

Phone:(949) 476-8722
Fax: (949) 474-3222

[redacted] MacLeod Metals

[redacted] 11/22/02 @ 11:30 am
11/22/02 @ 14:20 p.m
11/24/02 - 11/25/02

Matrix: Soil

[redacted]	0211-175-25 SB-9-1'	0211-175-26 SB-9-3'	0211-175-27 SB-9-5'	Method	Units	Detection Limit
Lead, ICP	ND	ND	ND	SW 846 6010B	mg/Kg	5
pH	10.1	10.2	10.0	EPA 150.1	Unit	
HCL Extraction	11/22/02	11/22/02	11/22/02	SW 846 3050	Date	

ND = Not Detected at the indicated Detection Limit

[redacted] CT204-0211175
Centex Engineering
1601 Dove Street, Suite 100
Newport Beach, CA 92660
[redacted] Mr. Steve Collins

Phone:(949) 476-8122
Fax: (949) 474-3122

[redacted] MacLeod Metals

[redacted] 11/22/02 @ 12.15 p.m.
11/22/02 @ 14:20 p.m.
11/24/02 - 11/25/02

Matrix: Soil

[redacted]	0211-175-28 SB-10-1'	0211-175-29 SB-10-3'	0211-175-30 SB-10-5'	Method	Units	Detection Limit
Lead, ICP	ND	ND	ND	SW 846 6010B	mg/Kg	5
pH	9.91	9.83	9.52	EPA 150.1	Unit	
HCL Extraction	11/22/02	11/22/02	11/22/02	SW 846 3050	Date	

ND = Not Detected at the indicated Detection Limit

CT204-0211175
Centec Engineering
1601 Dove Street, Suite 100
Newport Beach, CA 92660
Mr. Steve Collins

Phone:(949) 476-8922
Fax: (949) 474-3222

MacLeod Metals

11/22/02 @ 14.00 p.m.
11/22/02 @ 14:20 p.m.
11/24/02 - 11/25/02

Matrix: Soil

	0211-175-31 SB-11-1'	0211-175-32 SB-11-3'	0211-175-33 SB-11-5'	Method	Units	Detection Limit
Lead, ICP	ND	ND	ND	SW 846 6010B	mg/Kg	5
pH	9.33	11.2	11.7	EPA 150.1	Unit	
HCL Extraction	11/22/02	11/22/02	11/22/02	SW 846 3050	Date	

ND = Not Detected at the Indicated Detection Limit

[redacted] CT204-0211175
Centec Engineering
1601 Dove Street, Suite 100
Newport Beach, CA 92660
[redacted] Mr. Steve Collins

Phone:(949) 476-8922
Fax: (949) 474-3222

[redacted] MacLeod Metals

[redacted] 11/22/02 @ 13:30 p.m.
11/22/02 @ 14:20 p.m.
11/24/02 - 11/25/02

Matrix: Soil

[redacted]	0211-175-34 SB-12-1'	0211-175-35 SB-12-3'	0211-175-36 SB-12-5'	Method	Units	Detection Limit
Lead, ICP	ND	ND	ND	SW 846 6010B	mg/Kg	5
pH	8.35	8.48	9.71	EPA 150.1	Unit	
HCL Extraction	11/22/02	11/22/02	11/22/02	SW 846 3050	Date	

ND = Not Detected at the indicated Detection Limit

R. Tejirian

Greg Tejirian
Laboratory Director

*The results are base upon the sample received. Soil samples are not homogeneous

Cal Tech Environmental Laboratories, Inc. ELAP ID #: 2424

NOV-25-2002 08:13 CAL-TECH 562 272 2789 P.13/16

CAL TECH Environmental Laboratories
6814 Rosecrans Avenue, Paramount, CA 90723-3146
Telephone. (562) 272-2700 Fax (562) 272-2789

Lab Job No 11-175 Page 1 of 4

Chain of Custody Record

Client: CPI Environmental
Contact: Centec Engineering
Address: 1601 Dove St #100
Newport Beach CA 92660
Project: MacLeod Metals 9309 Bergen Ave. S.Gate
Sampled By: Dan Lewis [signature]
Name/Signature

Phone: 949-476-8922
Fax: 949-474-3222

Turn Around Time
Rush XX
Normal

Analyses Requested

Lab ID Number	Field ID	Date/Time Sampled	Bottle Type	No.	Preserv.	Matrix		PH	Lead					Comments
1	SB-1-1'	11/22/02 9:20	Acetate Liner	1	Ice	Soil			X					
2	SB-1-3'	9:25		1					X					
3	SB-1-5'	9:30		1					X					
4	SB-2-1'	8:55		1					X					
5	SB-2-3'	9:00		1					X					
6	SB-2-5'	9:05		1					X					
7	SB-3-1'	8:35		1					X					
8	SB-3-3'	8:40		1					X					
9	SB-3-5'	8:45		1					X					
10	SB-4-1'	9:50		1					X					

Relinquished: [signature] Date / Time: 11/22/02 14:20 Received
Dispatched Date / Time Carrier:

I hereby authorize the performance of the above indicated tests
[signature]

Date / Time: 11/22/02 7:20 pm Received by lab: C. BEY, T

CTELCCR.DOC

Custody seal(s) in tact upon receipt by lab? YES NO NO

CAL TECH Environmental Laboratories
6814 Rosecrans Avenue, Paramount, CA 90723-3146
Telephone (562) 272-2700 Fax: (562) 272-2789

Lab Job No 11-T75 Page 2 of 4

Chain of Custody Record

Client: CPI Environmental
Contact: Centec Engineering - Steve Collins
Address: 1601 Dove St #100
Newport Beach CA 92660
Project: Mac Leod Metals · S. Gate
Sampled By: Dan Louks - Dan Louks
Name/Signature

Phone: 949-476-8922
Fax: 949-474-3222

Turn Around Time
Rush: XX
Normal:

Analyses Requested

Lab ID Number	Field ID	Date/Time Sampled	Bottle Type	No.	Preserv.	Matrix	PH	Lead	Comments
11	SB-4-3'	11/22/02 9:55	Acetate Liner	1	Ice	Soil		X	
12	SB-4-5'	10:00		1				X	
13	SB-5-1'	9:35		1				X	
14	SB-5-3'	9:40		1				X	
15	SB-5-5'	9:45		1				X	
16	SB-6-1'	10:05		1				X	
17	SB-6-3'	10:10		1				X	
18	SB-6-5'	10:15		1				X	
19	SB-7-1'	10:20		1				X	
20	SB-7-3'	10:25		1				X	

Relinquished: Dan R Louks Date / Time: 11/22/02 15:20 Received:
Dispatched: Date / Time: Carrier:

I hereby authorize the performance of the above indicated tests
[signature]

Date / Time: 11/22/02 2:20 pm Received by lab: GREGT

Custody seal(s) in tact upon receipt by lab? YES NO NC

CTELCCR.DOC

NOV-25-2002 08:14 CAL-TECH 562 272 2789 P.15/16

CAL TECH Environmental Laboratories
6814 Rosecrans Avenue, Paramount, CA 90723-3146
Telephone: (562) 272-2700 Fax (562) 272-2789

Lab Job No. 11-175 Page 3 of 4

Chain of Custody Record

Client: CPI Environmental
Contact: Centec Engineering - Steve Collins
Address: 1601 Dove St. #100
Newport Beach, CA 92660
Project: Macleod Metals 9307 Rayonier, S. Gate
Sampled By: Dan Louks - [signature]
Name/Signature

Phone: 949-476-8922
Fax: 949-474-3222

Turn Around Time
Rush: 2Y
Normal:

Analyses Requested

Lab ID Number	Field ID	Date/Time Sampled	Bottle Type	No	Preserv	Matrix	pH	Lead					Comments
21	SB-7-5'	11/22/01 10:30	Acetate Liner	1	Ice	Soil		X					
22	SB-8-1'	11:00		1			X	X					
23	SB-8-3'	11:05		1			X	X					
24	SB-8-5'	11:10		1			X	X					
25	SB-9-1'	11:20		1			X	X					
26	SB-9-3'	11:35		1			X	X					
27	SB-9-5'	11:40		1			X	X					
28	SB-10-1'	12:15		1			X	X					
29	SB-10-3'	12:20		1			X	X					
30	SB-10-5'	12:25		1			X	X					

Relinquished: [signature] Date / Time: 11/22/02 14:20 Received:
Dispatched: Date / Time: Carrier:

I hereby authorize the performance of the above indicated tests.
[signature]

Date / Time: 11/22/01 2:20 Received by lab: [signature]

Custody seal(s) in tact upon receipt by lab? YES NO NONE

CTELCCR INC

NOV-25-2002 08:14 CAL-TECH 562 272 2789 P.15/16

CAL TECH Environmental Laboratories
6814 Rosecrans Avenue, Paramount, CA 90723-3146
Telephone: (562) 272-2700 Fax: (562) 272-2789

Lab Job No. 11-175 Page 4 of 4

Chain of Custody Record

Client: CPI Environmental
Contact: Centec Engineering
Address: 1601 Dove St. #100
Newport Beach, CA 92660
Project: MacLeod metals So. Gate
Sampled By: Dan Loubs - Dan Loubs
Name/Signature

Phone: 949-476-8922
Fax: 949-474-3222

Turn Around Time
Rush XP
Normal

Analyses Requested

Lab ID Number	Field ID	Date/Time Sampled	Bottle Type	No.	Preserv.	Matrix	pH	Lead	Comments
31	SB-11-1'	11/22/02 11:00	Acetate Liner	1	Ice	Soil	X	X	
32	SB-11-3'	14:05		1			X	X	
33	SB-11-5'	14:10		1			X	X	
34	SB-12-1'	13:30		1			X	X	
35	SB-12-3'	13:35		1			X	X	
36	SB-12-5'	13:40		1			X	X	

Relinquished: Daniel R. Roch Date / Time: 11/22/02 14:20 Received
Dispatched: Date / Time Carrier

I hereby authorize the performance of the above indicated tests
[signature] Date / Time 11/22/02 2:20pm Received by lab GREG T

Custody seal(s) in tact upon receipt by lab? YES NO NONE

CTELCCR DOC

CONSULTANT'S CERTIFICATION

I certify that all fieldwork for this site assessment was performed under the direct supervision of a California Registered Geologist. The scope of work for this investigation was defined in a November 12, 2002 letter from Mr. Mel Gaines, Vice President of Wells Fargo California Business Banking, to Mr. Carlos Herrera of Interior Removal Specialists. All fieldwork was performed in a manner consistent with guidelines set forth by the U.S. EPA's Statement of Work SW-846 and by governing regulatory agencies in southern California.

Sincerely,
CENTEC ENGINEERING, INC
Date: November 26, 2002

Dan Louks, P E , R G
Registered Geologist #4883

REGISTERED GEOLOGIST
DANIEL R. LOUKS
No. 4883
Exp. 11/03
STATE OF CALIFORNIA