ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
DAVID J. KEARS, Agency Director

ENVIRONMENTAL HEALTH SERVICES
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
(510) 337-9335 (FAX)

StID 2084

May 28, 1999

Mr. John Blythe
Cal Mat Co.
P.O. Box 22800
8517 Panama Lane
Bakersfield, CA 93390

Re: No Further Action at 501 El Charro Road, Pleasanton, CA

Dear Mr. Blythe:

This letter confirms the completion of site investigation and remedial action for the soil contaminated with waste oil at the parcel located south of Stanley Boulevard, north of Vineyard Avenue, and immediately west of Isabel Avenue in Pleasanton, CA.

A former maintenance shop and waste oil pit was formerly located on the western edge of the property. Subsurface investigations conducted at the vicinity of the former waste oil pit identified residual hydrocarbon-impacted soil to a depth of approximately 25' below grade surface (bgs). In July 1993 approximately 1,500 cubic yards of hydrocarbon-impacted soil were excavated and later used as asphalt. Confirmatory soil samples from the west sidewall of the excavation, at approximately 15'bgs, contained up to 1,200ppm oil and grease.

In November 1992 a groundwater monitoring well was installed approximately 20' north, northwest of the former waste oil pit. Groundwater was encountered at approximately 68'bgs. A groundwater sample was collected for laboratory analysis. The sample contained trace levels of benzene (0.4ppb) and xylenes (1ppb). The groundwater sample did not contain TPHd, TOG, TPHg, HVOCs, or SVOCs. It appears that groundwater was not significantly impacted by the former waste oil pit. Residual hydrocarbons in soil, limited to 15' to 25'bgs, should not pose a significant risk or threat to human health, groundwater, or surface water.

The native material at the site (predominantly sandy gravel and sandy, clayey gravel) will be mined in the future for use as construction aggregate. Mining operations will extend to a depth of at least 80'bgs. A site management plan was prepared for the site to address the residual hydrocarbon-impacted soil. When visibly stained soil is encountered in the vicinity of the former waste oil pit during mining operations, this material will be segregated for use as asphalt.

Based upon the available information and with the provision that the information provided to this agency was accurate and representative of site conditions, no further action related to the surface contamination by waste oil is required.

If you have any further questions concerning this matter, please contact me at (510) 567-6762.

Sincerely,

eva chu
Hazardous Materials Specialist

c: Jeff Nelson
Geomatrix
2101 Webster Street, 12th Floor
Oakland, CA 94612

StID 2084 – History

Cal Rock Plant
501 E El Charro Road
Pleasanton, CA 94568

Portions of the site have been used for sand and gravel extraction since the 1930s. Prior to extraction, the land was used for agriculture. An abandoned maintenance shop was at the site and was subsequently razed.

A shallow waste pit was located southwest of the abandoned maintenance shop. The pit measured approximately 10' by 15' by 3' in depth. It is believed the pit was used to store retired maintenance equipment and used motor vehicle oil filters prior to their disposal.

In October 1992 a trench was excavated across the pit to a depth of approximately 15'. Soil samples were analyzed for TOG, TPHd, and BTEX. Analytical results suggested that soil contamination continued to a depth greater than 15 feet. Groundwater was not encountered in the excavation.

To further delineate the extent of soil contamination, four soil borings (B-1 through B-4) were drilled in and around the abandoned waste pit. The borings ranged in depth from 42' to 80'bgs. Monitoring wells were completed in borings B-3 (MW-1) and B-4 (MW-2). Soil and groundwater samples were analyzed for TOG, TPHg, TPHd, BTEX, metals (Cd, Cr, Pb, Ni, Zn), SVOCs, HVOCs, and PCBs. Soil samples at 13 to 15' bgs contained up to 840ppm TPHd, 6200ppm TOG. Significantly lower levels of hydrocarbons were in the samples collected from 22' (64ppm TPHd, 120ppm TOG). Groundwater (from MW-2) did not contain contaminants with the exception of 0.4ppb benzene, 0.7ppb toluene, 1ppb xylenes and 10ppb bis-(2-ethylhexyl) phthalate.

Considering the low levels on hydrocarbons at 22'bgs, excavation of the affected soil was recommended as the most appropriate remediation technology for the site. Overexcavation was performed (~~unknown quantity~~ 9580 cy of soil was removed – no documentation provided to this Agency) and three soil samples were taken from the floor of the excavation and seven samples were taken from the sidewalls. The samples contained up to 1,200ppm TOG, the only analyte detected. wells MW-1 + MW-2 were destroyed at this time.

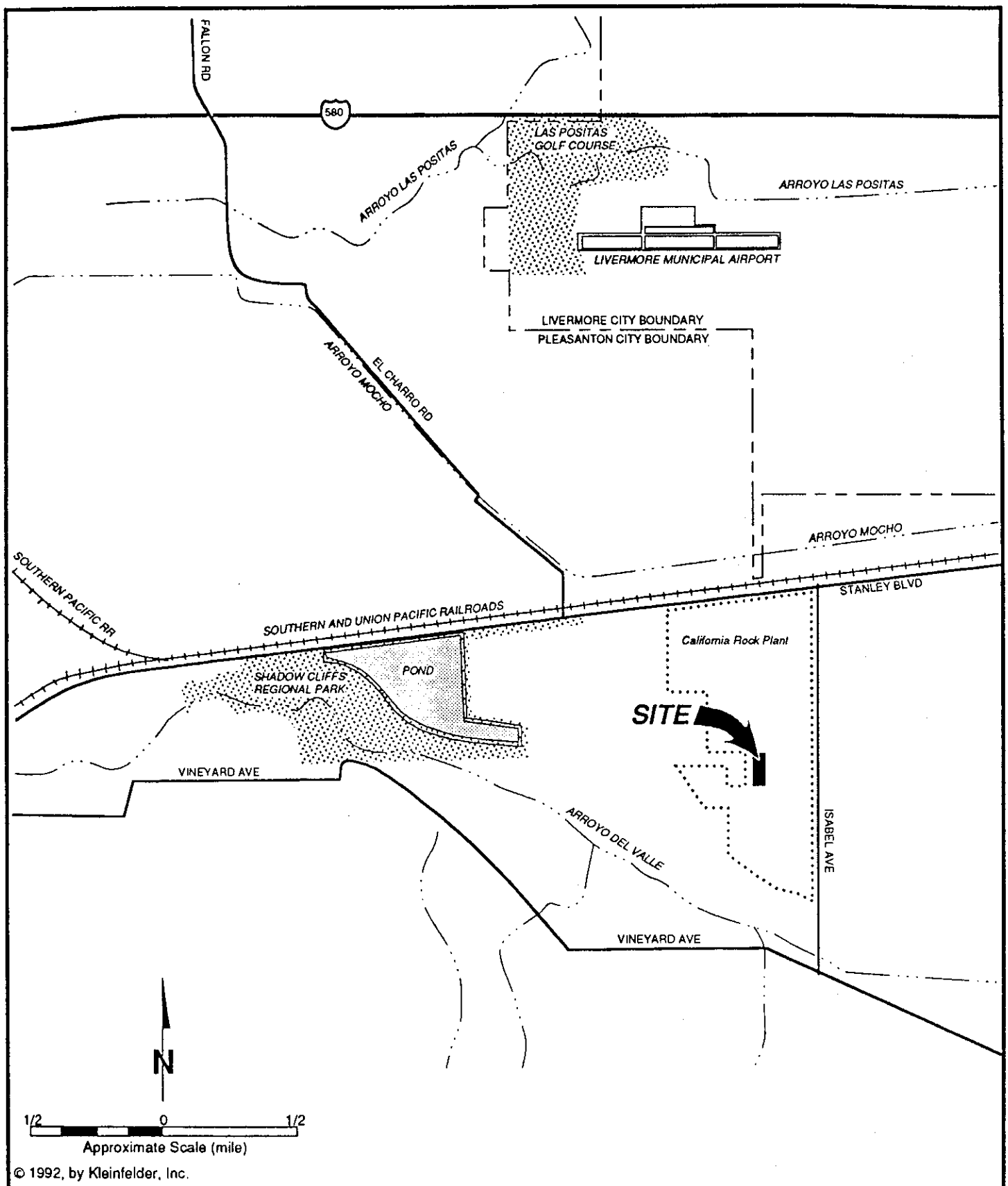
- **was tclp analysis for TOG performed.**
- **were any additional monitoring wells installed**
- **groundwater at industrial asphalt goes east, northeast. if wells/hps are considered. do one NW and one NW of excavation.**

Maynard Jan 1993 report

calrock1-3

Adam Blythe 925/846-2852

I580 → El Charro · 6o south ~1½ mi
(pass L.F.) until office (Jamieson). Meet
there.



KLEINFELDER

DRAFTED BY:	L. Sue	DATE:	12-3-92
CHECKED BY:	S. Russell	DATE:	12-4-92

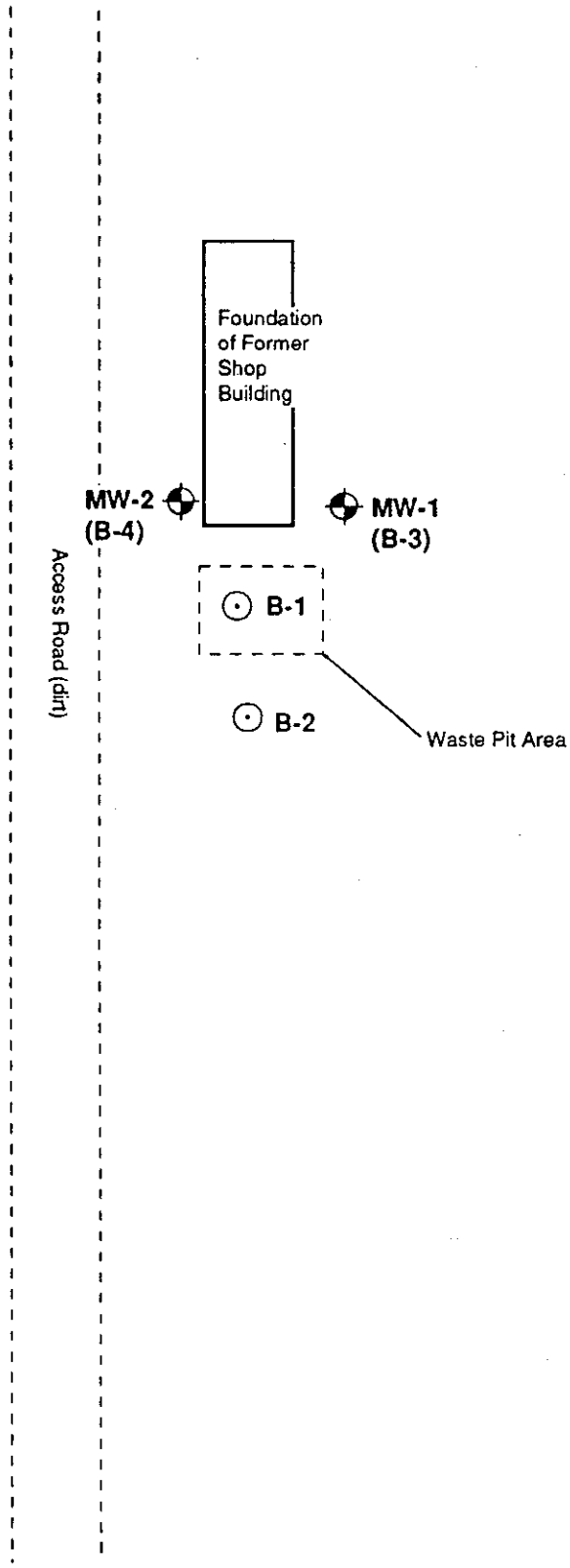
SITE LOCATION MAP

CAL MAT COMPANY
PLEASANTON, CALIFORNIA

PROJECT NUMBER 10-2300-23

PLATE

1



LEGEND

- MONITORING WELL
- SOIL BORING

NOTE: All locations are approximate.

N

50 0 50

Approximate Scale (feet)

KLEINFELDER

DRAFTED BY:	L. Sue	DATE:	12-3-92
CHECKED BY:	S. Russell	DATE:	12-9-92

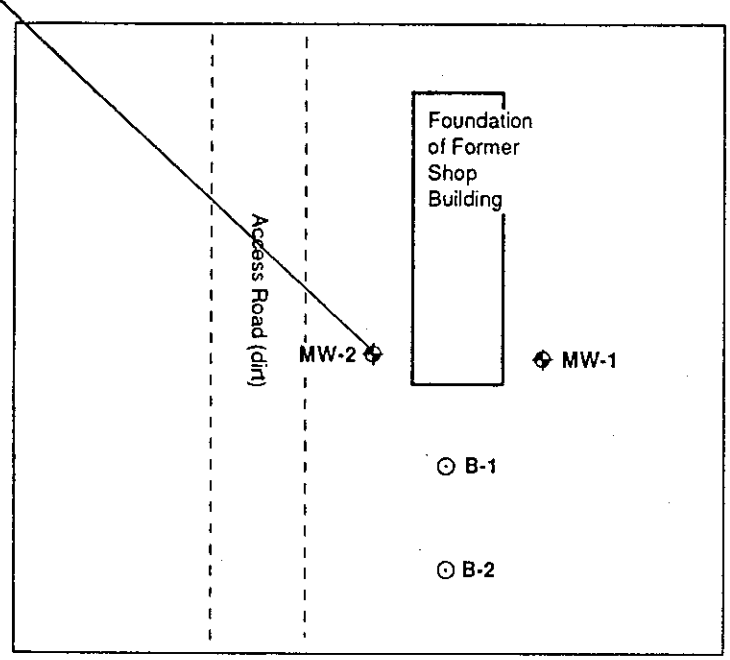
SITE PLAN

CAL MAT COMPANY
PLEASANTON, CALIFORNIA

PROJECT NUMBER 10-2300-23

PLATE 2

MW-2	
ORGANIC COMPOUNDS	
B	0.4
T	0.7
X	<0.3
E	<10
TPH-d	<1000
TPH-g	<50
Bis-(2eh)p	40
METALS	
Cd	<0.01
Cr	<0.05
Pb	<01
Zn	<0.05
Ni	<0.2

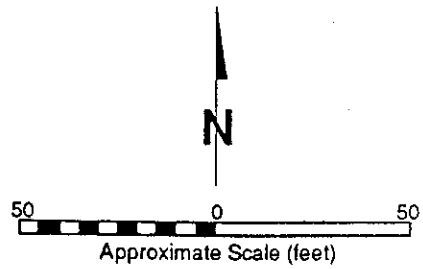


LEGEND

- MONITORING WELL
- SOIL BORING

NOTES:

1. All locations are approximate
2. All chemical concentrations are in µg/l, parts per billion (ppb).
3. Samples were analyzed according to EPA Methods 8015 and 8020 for organic compounds, except for Bis-(2-ethylhexyl) phthalate which was analyzed according to EPA Method 8010, EPA Method 6010 was used in the analysis for metals.
4. Organic compound abbreviations:
   - B = Benzene
   - T = Toluene
   - X = Xylenes, total
   - E = Ethylbenzene
   - TPH-d = Total Petroleum Hydrocarbons, as Diesel
   - TPH-g = Total Petroleum Hydrocarbons, as Gasoline
   - Bis-(2eh)p = Bis-(2-ethylhexyl) phthalate
5. Metal abbreviations:
   - Cd = Cadmium
   - Cr = Chromium
   - Pb = Lead
   - Zn = Zinc
   - Ni = Nickel, total



KLEINFELDER

DRAFTED BY:	L. Sue	DATE:	12-3-92
CHECKED BY:	S. Russell	DATE:	12-9-92

ANALYTICAL GROUND WATER SAMPLE RESULTS, ORGANIC COMPOUNDS AND METALS — NOVEMBER 1992

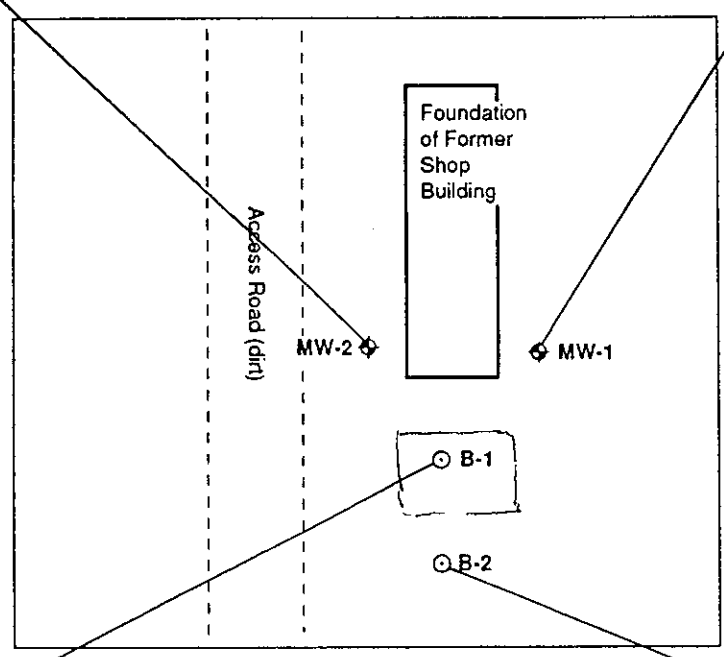
CAL MAT COMPANY
PLEASANTON, CALIFORNIA

PROJECT NUMBER 10-2300-23

PLATE 3

MW-2	SAMPLE DEPTH (feet) 21.5-22	41-41.5	71.5-72
ORGANIC COMPOUNDS			
B	<0.003	<0.003	<0.003
T	<0.003	<0.003	<0.003
X	0.017	<0.003	<0.003
E	0.005	<0.003	<0.003
TPH-d	<10	<10	<10
TPH-g	<1	<1	<1
OG	<50	<50	<50
METALS			
Cd	<1	<1	<1
Cr	34	49	48
Pb	<5	6	<5
Zn	30	50	40
Ni	50	80	90

MW-1	SAMPLE DEPTH (feet) 21-21.5	35-35.5	41-41.5
ORGANIC COMPOUNDS			
B	0.011	<0.003	<0.003
T	<0.003	<0.003	<0.003
X	0.005	<0.003	<0.003
E	<0.003	<0.003	<0.003
TPH-d	<10	<10	<10
TPH-g	<1	<1	<1
OG	<50	<50	<50
METALS			
Cd	<1	<1	<1
Cr	44	25	37
Pb	5	<5	<5
Zn	40	30	40
Ni	100	50	60



B-1	SAMPLE DEPTH (feet) 21.5-22	40.5-41	61.5-62
ORGANIC COMPOUNDS			
B	<0.003	<0.003	<0.003
T	<0.003	<0.003	<0.003
X	0.010	0.041	<0.003
E	<0.003	0.011	<0.003
TPH-d	64	<10	<10
TPH-g	<1	<1	<1
OG	120	<50	<50
METALS			
Cd	<1	<1	1
Cr	35	47	39
Pb	6	6	<5
Zn	50	50	30
Ni	50	80	60

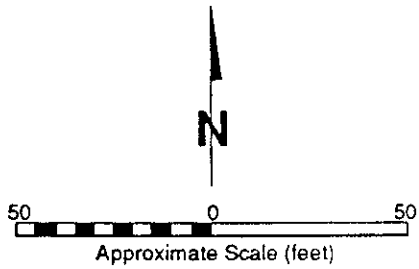
B-2	SAMPLE DEPTH (feet) 21-21.25	31.5-32	40.5-41
ORGANIC COMPOUNDS			
B	<0.003	<0.003	<0.003
T	<0.003	<0.003	<0.003
X	<0.003	0.005	<0.003
E	<0.003	<0.003	<0.003
TPH-d	56	<10	<10
TPH-g	<1	<1	<1
OG	<50	<50	<50
METALS			
Cd	<1	<1	<1
Cr	56	38	34
Pb	<5	<5	<5
Zn	30	40	40
Ni	100	50	50

LEGEND

- ◈ MONITORING WELL
- ⊙ SOIL BORING

NOTES:

1. All locations are approximate
2. All chemical concentrations are in mg/kg, parts per million (ppm).
3. Samples were analyzed according to EPA Methods 8015 and 8020 for organic compounds, and EPA Method 6010 for metals.
4. Organic compound abbreviations:
   - B = Benzene
   - T = Toluene
   - X = Xylenes, total
   - E = Ethylbenzene
   - TPH-d = Total Petroleum Hydrocarbons, as Diesel
   - TPH-g = Total Petroleum Hydrocarbons, as Gasoline
   - OG = Oil and Grease
5. Metal abbreviations:
   - Cd = Cadmium
   - Cr = Chromium
   - Pb = Lead
   - Zn = Zinc
   - Ni = Nickel, total



KLEINFELDER

ANALYTICAL SOIL SAMPLE RESULTS, ORGANIC COMPOUNDS AND METALS — NOVEMBER 1992

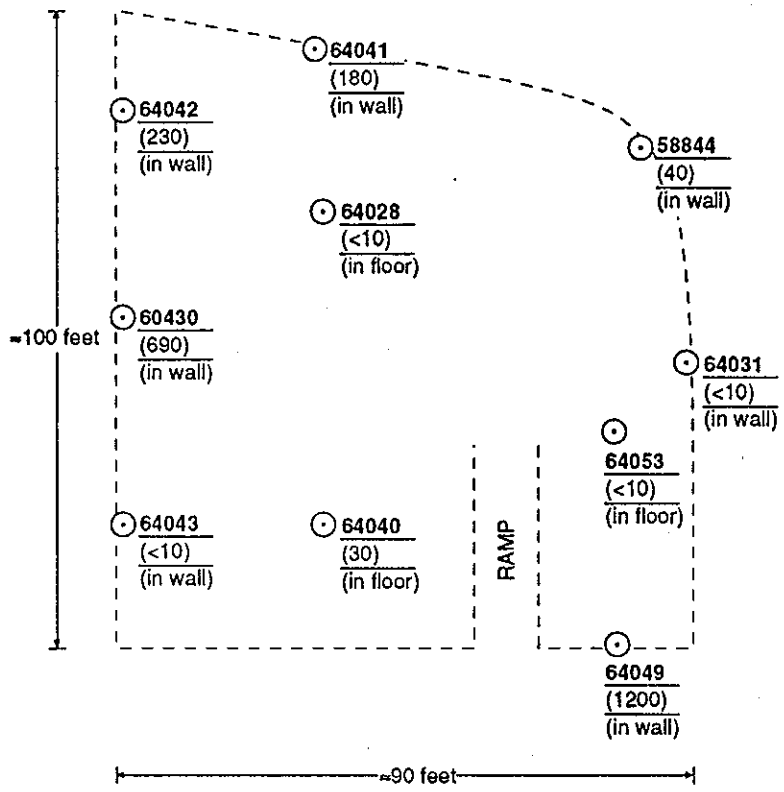
CAL MAT COMPANY
PLEASANTON, CALIFORNIA

PROJECT NUMBER 10-2300-23

DRAFTED BY: L. Sue DATE: 12-3-92

CHECKED BY: S. Russell DATE: 12-9-92

PLATE 4



LEGEND

64049	SAMPLE NUMBER
(1200)	OIL AND GREASE CONCENTRATION (ppm)
(in wall)	SAMPLE LOCATION

NOTES:

1. Concentrations area in mg/kg, parts per million (ppm).
2. All samples were collected July 1, 1993, except for sample 58844 which was collected on June 17, 1993.

N

NOT TO SCALE

KLEINFELDER

DRAFTED BY:	L. Sue	DATE: 7-30-93	
CHECKED BY:	J. Romie	DATE: 7-30-93	

EXCAVATION SAMPLING RESULTS

CAL MAT COMPANY
PLEASANTON, CALIFORNIA

PROJECT NUMBER 10-2300-23

PLATE 1

KLEINFELDER

Project	Boring No.
California Rock Plant	B-1
Number: 24-220193-C00	
Total Depth: 62.0 feet	Sheet: 2 of 4

LOG OF BORING

Depth (feet)	Sample Number	Sample Type	Recovery (%)	Blows/Foot	TIP (ppm) reading/background	USCS	Description	Remarks	Well Construction
2				NA		SP	Fill - SAND - dry, coarse grained, well	Fill from stockpile adjacent to boring	
4									
6						SW	SAND - yellow brown (10YR5/8), dry, coarse grained, well graded		
8									
10									
12						GW	SANDY GRAVEL - gray, damp, coarse sand, well graded, gravel clasts to 0.5 inch diameter, some broken clasts; estimate 70% gravel, 30% sand		
14					5.0/1.2				
16									
18									
20									
22	60138		50		8.2/3.6				
24									
26									
28									
30									

Designated Purpose(s) of Log

Site Characterization

Note: Logs are to be used only for designated purpose(s).

Logged by	Date:	Plate
S. Russell	11-5-92	
Drafted by: L. Sue	Date: 11-13-92	
Reviewed by	Date:	

KLEINFELDER

Project	Boring No.
California Rock Plant	B-1
Number: 24-220193-C00	
Total Depth: 62.0 feet	Sheet: 3 of 4

LOG OF BORING

Depth (feet)	Sample Number	Sample Type	Recovery (%)	Blows/Foot	TIP (ppm) reading/background	USCS	Description	Remarks	Well Construction
32	55993		50	NA	3.8/2.6	GW	SANDY GRAVEL - as above		
34						GM	SANDY CLAYEY GRAVEL - gray (5Y4/1) with dark yellowish brown (10YR3/4) pieces, coarse sand. well graded, fine to coarse gravel, well graded; estimate 50% gravel, 40% sand, 10% clay	Discolored zone at 36 feet	
36					2.1/1.4				
38									
40	60117		100		1.4/1.4	ML	CLAYEY SILT - yellowish brown (10YR5/6), moist, medium stiff to soft; estimate 60% silt, 40% clay		
42									
44									
46					4.1/3.7				
48						GM	CLAYEY SANDY GRAVEL - damp, yellow brown, coarse sand, well graded, fine gravel, well rounded; estimate 50% gravel, 40% sand, 10% clay		
50									
52	55991		50		4.2/3.8				
54									
56									
58									
60									

Designated Purpose(s) of Log

Site Characterization

Note: Logs are to be used only for designated purpose(s).

Logged by: S. Russell	Date: 11-5-92	Plate
Drafted by: L. Sue	Date: 11-13-92	
Reviewed by	Date:	

KLEINFELDER

Project	Boring No.
California Rock Plant	B-1
Number: 24-220193-C00	
Total Depth: 62.0 feet	Sheet: 4 of 4

LOG OF BORING

Depth (feet)	Sample Number	Sample Type	Recovery (%)	Blows/Foot	TIP (ppm) reading/background	USCS	Description	Remarks	Well Construction
62	55992		60	NA	3.2/3.2	GM	CLAYEY SANDY GRAVEL - as above	No first water encountered	
64									
66									
68									
70									
72									
74									
76									
78									
80									
82									
84									
86									
88									
90									

Designated Purpose(s) of Log

Site Characterization

Note: Logs are to be used only for designated purpose(s).

Logged by: S. Russell	Date: 11-5-92	Plate
Drafted by: L. Sue	Date: 11-13-92	
Reviewed by	Date:	

KLEINFELDER

Project	Boring No.
California Rock Plant	B-2
Number: 24-220193-C00	
Total Depth: 42.0 feet	Sheet: 2 of 3

LOG OF BORING

Depth (feet)	Sample Number	Sample Type	Recovery (%)	Blows/Foot	TIP (ppm) reading/background	USCS	Description	Remarks	Well Construction
2				NA		SP	SAND - light brown (6.5YR6/4), dry, loose, poorly graded		
4									
6						SW	GRAVELLY SAND - light brown (6.5YR6/4), dry, fine to medium sand, well graded, some gravel to 0.75-inch diameter, clasts appear to be freshly broken; estimate 50% gravel, 50% sand		
8									
10									
12	60153		50		3.3/0.9		color change to gray (2.5Y N4/)	apparent top of contaminant zone	
14									
16						GW/ GC	SANDY GRAVEL with CLAY - gray (2.5Y N4/), damp, coarse sand, well graded, fine gravel, many clasts appear freshly broken; estimate 60% gravel, 30% sand, 10% clay		
18									
20									
22	48112		60		3.9/0.8				
24									
26						GC	CLAYEY SANDY GRAVEL - yellow brown (10YR5/8), damp, moderate;y stiff, well rounded to angular ravel to 2 inches diameter, well graded, medium to coarse sand, well rounded, well graded, trace silt; estimate 40% gravel, 30% sand, 20% clay, 10% silt		
28									
30									

Designated Purpose(s) of Log

Site Characterization

Note: Logs are to be used only for designated purpose(s).

Logged by	Date:	Plate
S. Russell	11-5-92	
Drafted by	Date:	
L. Sue	11-12-92	
Reviewed by	Date:	

KLEINFELDER

Project	Boring No.
California Rock Plant	B-2
Number: 24-220193-C00	
Total Depth: 42.0 feet	Sheet: 3 of 3

LOG OF BORING

Depth (feet)	Sample Number	Sample Type	Recovery (%)	Blows/Foot	TIP (ppm) reading/background	USCS	Description	Remarks	Well Construction
32	55994		50	NA	1.7/1.7	GC	CLAYEY SANDY GRAVEL - as above	11-6-92, 07:15. ▼	
34									
36									
38						ML	CLAYEY SILT - yellow brown (10YR5/8), damp, moderately stiff to soft; estimate 80% silt, 20% clay		
40	48111		100		2.0/2.0				
42							wet	11-5-92 ▽	
44									
46									
48									
50									
52									
54									
56									
58									
60									

Designated Purpose(s) of Log

Site Characterization

Note: Logs are to be used only for designated purpose(s).

Logged by	Date:	Plate
S. Russell	11-5-92	
Drafted by	Date:	
L. Sue	11-12-92	
Reviewed by	Date:	

KLEINFELDER

Project	Boring No.
California Rock Plant	B-3/ MW-1
Number: 24-220193-C00	
Total Depth: 42.0 feet	Sheet: 2 of 3

LOG OF BORING

Depth (feet)	Sample Number	Sample Type	Recovery (%)	Blows/Foot	TIP (ppm) reading/background	USCS	Description	Remarks	Well Construction
2				NA		GW	SANDY GRAVEL - light brown (7.5YR6/4), dry, loose, medium to coarse sand, moderately graded, coarse gravel, moderately graded, many pieces freshly broken, gravel and sand well rounded to subangular; estimate 60% gravel, 40% sand		
4									
6									
8									
10							as above, damp.		
12	55995		50		0.3/0.3				
14									
16									
18					112/ 0.3		color change to gray brown (5Y5/2), damp	Apparent top of contaminant zone	
20						GC	SANDY CLAYEY GRAVEL - olive (5Y4/4), moist, fine to coarse gravel, moderately graded, many angular clasts, fine to medium sand, moderately graded; estimate 50% gravel, 40% sand, 10% clay		
22	48108		100		12.8/ 0.8				
24							gravel and sand become well graded at approximately 25 feet		
26									
28					50/0.9				
30									

Designated Purpose(s) of Log

Site Characterization

Note: Logs are to be used only for designated purpose(s).

Logged by	Date:	Plate
S. Russell	11-5-92	
Drafted by: L. Sue	Date: 11-12-92	
Reviewed by	Date:	

KLEINFELDER

Project	Boring No.
California Rock Plant	B-3/ MW-1
Number: 24-220193-C00	
Total Depth: 42.0 feet	Sheet: 3 of 3

LOG OF BORING

Depth (feet)	Sample Number	Sample Type	Recovery (%)	Blows/Foot	TIP (ppm) reading/background	USCS	Description	Remarks	Well Construction
32	55996		75	NA	3.0/0.0	GC	SANDY CLAYEY GRAVEL - as above, very moist		
34								11-6-92, 10:00 ▼	
36	55964		100		2.6/1.2	ML	CLAYEY SILT - olive (5Y4/4), moist to wet, soft; estimate 80% silt, 20% clay		
38									
40									
42	55997		100						
44									
46									
48									
50									
52									
54									
56									
58									
60									

Designated Purpose(s) of Log

Site Characterization

Note: Logs are to be used only for designated purpose(s).

Logged by	Date:	Plate
S. Russell	11-5-92	
Drafted by: L. Sue	Date: 11-12-92	
Reviewed by	Date:	

KLEINFELDER

Project	Boring No.
California Rock Plant	B-4/ MW-2
Number: 24-220193-C00	
Total Depth: 82.0 feet	Sheet: 3 of 4

LOG OF BORING

Depth (feet)	Sample Number	Sample Type	Recovery (%)	Blows/Foot	TIP (ppm) reading/background	USCS	Description	Remarks	Well Construction
32				NA		GC	CLAYEY SANDY GRAVEL - as above		
34						ML	CLAYEY SILT - olive brown (2.5Y4/2), damp; estimate 80% silt, 20% clay		
36	55963		100		26/0.0		color change to olive brown (2.5Y4/4), mottled (5Y4/4), damp to moist		
38								11-6-92, 15:00 ▽	
40							as above, wet	Water coming out of cyclone	
42	55962		100		4.8/0.0				
44									
46									
48									
50						GM	SILTY SANDY GRAVEL - light brown (7.5YR6/4), wet, coarse gravel, moderately graded, many freshly broken chunks, rounded to subangular, medium to coarse sand, well graded, rounded grains; estimate 60% gravel, 30% sand, 10% silt	No sample recovery	
52									
54									
56					26/1.7				
58									
60							as above, wet		

Designated Purpose(s) of Log

Site Characterization

Note: Logs are to be used only for designated purpose(s).

Logged by	Date:	Plate
S. Russell	11-5-92	
Drafted by: L. Sue	Date: 11-12-92	
Reviewed by	Date:	

KLEINFELDER

Project	Boring No.
California Rock Plant	B-4/ MW-2
Number: 24-220193-C00	
Total Depth: 82.0 feet	Sheet: 2 of 4

LOG OF BORING

Depth (feet)	Sample Number	Sample Type	Recovery (%)	Blows/Foot	TIP (ppm) reading/background	USCS	Description	Remarks	Well Construction
2						GW	SANDY GRAVEL - light brown (7.5Y6/4), dry, coarse sand, well graded; estimate 40% gravel		
4									
6									
8									
10									
12	55990		50		0.0/0.0				
14							color change to gray (2.5YR N4/), damp	Apparent top of contaminant zone	
16									
18									
20									
22	55998		50		90/0.0				
24									
26						GC	CLAYEY SANDY GRAVEL - gray (2.5YR N4/), damp, medium to coarse sand, well graded, coarse gravel, well graded, many clasts appear to be freshly broken; estimate 60% gravel, 30% sand, 10% clay		
28					10.6/ 0.6				
30									

Designated Purpose(s) of Log

Site Characterization

Note: Logs are to be used only for designated purpose(s).

Logged by	Date:	Plate
S. Russell	11-5-92	
Drafted by: L. Sue	Date: 11-12-92	
Reviewed by	Date:	

KLEINFELDER

Project	Boring No.
California Rock Plant	B-4/ MW-2
Number: 24-220193-C00	
Total Depth: 82.0 feet	Sheet: 4 of 4

LOG OF BORING

Depth (feet)	Sample Number	Sample Type	Recovery (%)	Blows/Foot	TIP (ppm) reading/background	USCS	Description	Remarks	Well Construction
62	55961		100	NA	20/0.0	GM	SILTY SANDY GRAVEL - light brown (7.5YR6/4), wet, coarse gravel, moderately graded, many freshly broken chunks, rounded to subangular, medium to coarse sand, well graded, rounded grains; estimate 60% gravel, 30% sand, 10% silt	Water injected into casing	
64									
66					1.5/0.0	GW	SANDY GRAVEL - yellow brown (7.5YR5/8), wet, coarse gravel, well graded, rounded to subangular clasts, coarse sand, well graded, trace silt; estimate 70% gravel, 30% sand		
68								11-7-92, 09:12 ▼	
70									
72	45278		100		62/0.0	SP	SAND - light olive brown (2.5Y5/6), wet, medium to fine, rounded to subangular grains, poorly graded		
74						GW	SANDY GRAVEL - as above		
76									
78								Hard drilling	
80									
82	48090		70		0.0/0.0				
84									
86									
88									
90									

Designated Purpose(s) of Log

Site Characterization

Note: Logs are to be used only for designated purpose(s).

Logged by	Date:	Plate
S. Russell	11-5-92	
Drafted by: L. Sue	Date: 11-12-92	
Reviewed by	Date:	