New York State Department of Environmental Conservation

Interim Remedial Measure
Sampling Report and Excavation Delineation

Dearcop Farm Site
Residential Lot Area
Town of Gates, Monroe County
Site Number 8-28-016

March 1996

Prepared By:
New York State Department of Environmental Conservation
Division of Hazardous Waste Remediation
New York State Department of Health
and
Monroe County Health Department

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Section 1.0 Background

The Record of Decision (ROD) for the Dearcop Farm Inactive Hazardous Waste Site (site # 8-28-016) was signed on March 29, 1995. Based upon the results of the Remedial Investigation/Feasibility Study (RI/FS) and the criteria identified for the evaluation of alternatives the NYSDEC has selected consolidation, capping and vacuum extraction of soil/fill material and institutional controls for groundwater as the remedial action for this site. Part of the selected remedy for this site calls for the removal of soil contaminated with lead and cadmium from several residential lots near the site. The New York State Department of Health (NYSDOH) and the Monroe County Health Department (MCHD) have requested that the Department perform this portion of the remedial action as an interim remedial measure (IRM).

This sampling program was designed to define the areas, on specific residential lots that are contaminated with lead and cadmium. Samples were collected in accordance with the *Interim Remedial Measure Sampling Workplan, dated June 1995*. Data generated from this sampling effort will be used to better define lead and cadmium concentrations in surface and subsurface soil on specific lots within the residential area situated south of the Dearcop Farm Site.

Additional information on previous sample results from the residential lots along Dearcop Drive and Varian Lane can be found in the *Phase I Remedial Investigation Report, Volumes I & II, Dearcop Farm Site, dated January 1994*, the *Phase II RI Report, Dearcop Farm Site, dated July 1994* and the *Phase III Remedial Investigation, Volumes I & II, Residential Lot Soil Sampling, Dearcop Farm Site, dated December 1994*. These reports are available for public review at document repositories that have been established for this site.

Section 2.0 Description of Fieldwork

Section 2.1 Sample Location

Note: All lots sampled during this event were sampled on a voluntary basis.

Representatives from the NYSDEC, NYSDOH and Monroe County Health Department (MCHD) collected surface and subsurface soil samples from specific lots along Dearcop Drive and Varian Lane where it had been determined that their is a potential health threat from the concentrations of cadmium and lead in soil/fill material. Specific sample locations are plotted on figures 1-5.. In addition two other lots where the property owners indicated that they believed that previous samples were not taken in the proper locations were sampled.

On lots where "hot spots" were identified, the specific locations of soil samples were determined in the field with concurrence from the NYSDOH and MCHD. Samples were collected using the following general plan: 1. The first sample was taken from the approximate location of the previously "hot" samples (this sample was an effort to confirm or deny previous

sample results.); and 2. Additional samples were taken at approximatly the same depth as the previously "hot" sample in a grid pattern around the original location (these samples were taken to determine the extent of contamination in the area). Additional samples were taken at different depths to determine the vertical extent of contamination.

On two other lots where the owner believed that the previous samples on their lots were taken in the wrong spot, all efforts were made to take samples where the owners believe that contamination was present.

Section 2.2 Sample Collection

Surface soil samples were collected at depths of 0 to two (2) inches. Samples were taken with disposable trowels and transferred to an appropriate container (four ounce glass jar with Teflon-lined cap). Subsurface samples were collected using a stainless steel hand auger at approximately two (2) feet below ground surface. All samples were placed on ice in appropriate coolers until delivery to the lab. All observable physical characteristics of the soil as it was being sampled (e.g., color, odor, physical state, waste material or debris encountered) were recorded on the appropriate sampling data sheets (see Appendix B). A new disposable trowel and gloves were used for each sample. The hand augers were decontaminated between each sample location. All waste generated from the sampling event was taken from the residential area for proper disposal.

Section 2.3 Analysis Performed

All samples were analyzed, by the NYSDEC Mobile Laboratory in Saratoga Springs, NY, for lead and cadmium. Lead and cadmium analysis results may be found in Table 1.

Section 3.0 Investigation Results

Soil samples were collected from lots where previous soil sample results were above site specific cleanup objectives (see Table 1) or where the homeowner had requested additional samples. At lots where previous sample results were above site specific cleanup objectives the initial sample was collected from the approximate location of previous samples whose results were above site specific cleanup levels. Additional samples were taken around this location in order to determine the extent of contamination (refer to figures 1-5 for specific sample locations). At lots where homeowners requested additional sampling, samples were taken from the locations specified by the homeowner.

Only five (5) of the forty eight (48) samples that were collected and analyzed had results above site specific cleanup objectives (see table 1). Five (5) samples had analytical results above the site specific cleanup objective of 400 parts per million (ppm) lead. In addition, one of these samples was also above the site specific cleanup objective of 10 ppm cadmium.

One sample's analytical result, from 129 Dearcop Drive, (DEAR 129C, 655 ppm lead) was above the site specific cleanup objective for lead. This sample was taken north of the driveway between the house and the garage at approximately 15 inches to 18 inches below ground surface (BGS).

One sample's analytical result, from 161 Dearcop Drive, (DEAR 161K, 604 ppm lead, 15 ppm cadmium) was above site specific cleanup objectives for both lead and cadmium. This sample was a surface soil sample taken from an area of distressed vegetation in the western portion of the lot. This sample location was brought to the Department's attention by the homeowner.

Two samples' analytical results, from 206 Dearcop Drive, (DEAR 206K, 1350 ppm lead and DEAR 206P, 444 ppm lead) were above the site specific cleanup objective for lead. Sample DEAR 206K was a subsurface soil sample taken at 2 ft. below ground surface (BGS) from the approximate location of a previous sample whose result was above site specific cleanup objectives. Sample DEAR 206P was a subsurface soil sample taken at approximately 10 inches BGS from same geographic location. These two samples were surrounded by eight subsurface samples that were below site specific cleanup objectives.

No samples' analytical result from 331 Dearcop Drive were above site specific cleanup objectives for lead or cadmium. Confirmatory sampling in areas that had previously shown concentrations of lead above site specific cleanup objectives showed that the concentrations, present in these locations, are below site specific clean up objectives.

One sample's analytical result from 41 Varian Lane (VAR 41B, 835 ppm lead) was above the site specific cleanup objective for lead. This sample was a subsurface soil sample taken at 3 ft. BGS south west of the pool on this lot.

Section 4.0 Discussion

Section 4.1 129 Dearcop Drive

129 Dearcop Drive was sampled at the homeowners request. Only one (1) sample, that was analyzed for lead and cadmium was above site specific cleanup objectives. No other samples, from this lot from any other sampling event, were above site specific cleanup objectives. Since only this sample's concentration was above site specific cleanup objectives, approximately 1 cubic yard of soil/fill material will be removed from 129 Dearcop Drive in the area of sample DEAR 129C (see figure 1). Although the one sample result is only marginally above the cleanup objective (i.e. 655 vs 400 ppm lead (Pb)) and could be the results of variability of sampling techniques or of the material, at this point is believed that a relatively simple removal of this material from the site could resolve the problem. The removal will be approximately 3 ft. long by 3 ft. wide and 3 ft. deep. After the initial removal, confirmatory samples will be taken to ensure

that all soil/fill material that is above site specific cleanup objectives is removed from this area.

Section 4.2 161 Dearcop Drive

161 Dearcop Drive was sampled during this sampling event because analytical results from the Phase III RI indicated that one location on this lot had cadmium concentrations above site specific cleanup objectives (i.e. 14.2 vs 10 ppm cadmium (Cd)). During this sampling event a sample was taken from approximately the same location where the Phase III sample's result had been above site specific cleanup objectives. This sample (DEAR 161A) did not confirm the previous result. Additional samples taken around this location were also below cleanup objectives. This indicates that the elevated concentration was due to the variability in sampling, or of the material, and that cadmium concentrations, above site specific cleanup objectives, in this area are not widespread or pervasive. Since this sampling did not confirm the presence of lead or cadmium above site specific cleanup objectives on this portion of the site, no removal work will be necessary at this location.

Additional samples were taken in the backyard of this lot at the homeowners request. One of these samples DEAR 161K was above site specific cleanup objectives for both lead and cadmium. Since this samples concentration was above site specific cleanup objectives, approximately 1 cubic yard of soil/fill material will be removed from 161 Dearcop Drive in the area of sample DEAR 161K (see figure 2). Although the sample result is only marginally above the cleanup objectives (i.e. 604 vs 400 ppm Pb and 15 vs 10 ppm Cd) and could be the results of variability of sampling techniques or of the material, at this point is believed that a relatively simple removal of this material from the site could resolve the problem. The removal will be approximately 3 ft. long by 3 ft. wide and 3 ft. deep. After the initial removal, confirmatory samples will be taken to ensure that all soil/fill material that is above site specific cleanup objectives is removed from this area.

Section 4.3 206 Dearcop Drive

206 Dearcop Drive was sampled during this sampling event because analytical results from the Phase I, Phase II and Phase III RIs indicated that two (2) locations on this lot had lead and/or cadmium concentrations above site specific cleanup objectives (i.e. Phase I sample 111 vs 10 ppm Cd and 774 vs 400 ppm Pb, Phase II sample 820 vs 400 ppm Pb and Phase III sample 1470 vs 400 ppm Pb). Sample DEAR 206A was taken from the approximate location of the Phase I RI sample that was above site specific cleanup objectives for both lead and cadmium. This sample did not confirm that the lead or cadmium concentrations at this location were above site specific cleanup objectives. In addition, none of the eight (8) samples surrounding this location had concentrations which were above site specific cleanup objectives. This indicates that the elevated concentrations were due to the variability in sampling, or of the material, and that lead and cadmium concentrations, above site specific cleanup objectives, in this area, are not widespread or pervasive . Since these samples did not confirm the presence of lead or cadmium concentrations

above site specific cleanup objectives on this portion of the site, no removal work will be necessary at this location.

Samples DEAR 206K and DEAR 206P were taken at the approximate location of the Phase II and Phase III RI samples that were above site specific cleanup objectives for lead. Both DEAR 206K and DEAR 206P were above site specific cleanup objectives for lead. These samples were surrounded by eight (8) samples that were below site specific cleanup objectives. Since DEAR 206K and DEAR 206P confirmed the presence of soil/fill material above site specific cleanup objectives. Approximately 25 cubic yards of soil/fill material will be excavated from 206 Dearcop Drive in the area of these samples. The removal should be approximately 15 ft. long by 15 ft. wide and 3 ft. deep. After the initial removal, confirmatory samples will be taken to ensure that all soil/fill material that is above site specific cleanup objectives is removed from this area.

Section 4.4 331 Dearcop Drive

331 Dearcop Drive was sampled during this sampling event because one (1) sample taken during the Phase II RI was above site specific cleanup objectives for lead. Samples DEAR 331A, DEAR 331B and DEAR 331E were taken from the approximate location of the Phase II sample. None of these samples could confirm that the lead concentration was above site specific cleanup objectives. In addition, none of the five samples surrounding this location were above site specific cleanup objectives. This indicates that the elevated concentration was due to the variability in sampling, or of the material, and that lead concentrations, above site specific cleanup objectives, in this area are not widespread or pervasive. Since this sampling event could not confirm the presence of soil/fill material above site specific cleanup objectives, no material will be removed from this lot.

Section 4.5 41 Varian Lane

41 Varian Lane was sampled during this sampling event at the homeowners request. During the public comment period for the Proposed Remedial Action Plan (PRAP) this homeowner stated that he had encountered a large amount of fill material while installing a pool in his backyard. He also stated that, when he encountered this material he contacted the NYSDEC and asked them to sample this material and that this was never done. Four (4) subsurface soil samples were taken at this lot. Only one sample (VAR 41B) was above site specific cleanup objectives. This indicates that the elevated concentrations are due to the variability in sampling, or of the material, and that lead concentrations, above site specific cleanup objectives, in this area are not widespread or pervasive. Since, this sample was taken from 3 ft. BGS, there is presently no exposure to the contamination, therefore no soil/fill material will be removed from this lot. It is recommended that the NYSDOH recommendations to homeowners that encounter fill material in the Dearcop Drive and Varian Lane neighborhood be followed by this homeowner. Specifically, if any soil/fill material is encountered during any digging or excavation work, direct contact with the material should be avoided and that this soil/fill material should not be left

exposed on the surface of the ground.

Section 5.0 Conclusions

- Approximately 1 cubic yard of soil/fill material will be removed from 129 Dearcop Drive in the area of sample DEAR 129C (see figure 1). The removal will be approximately 3 ft. long by 3 ft. wide and 3 ft. deep.

- Approximately 1 cubic yard of soil/fill material will be removed from 161 Dearcop Drive in the area of sample DEAR 161K (see figure 2). The removal will be approximately 3 ft. long by 3 ft. wide and 3 ft. deep.

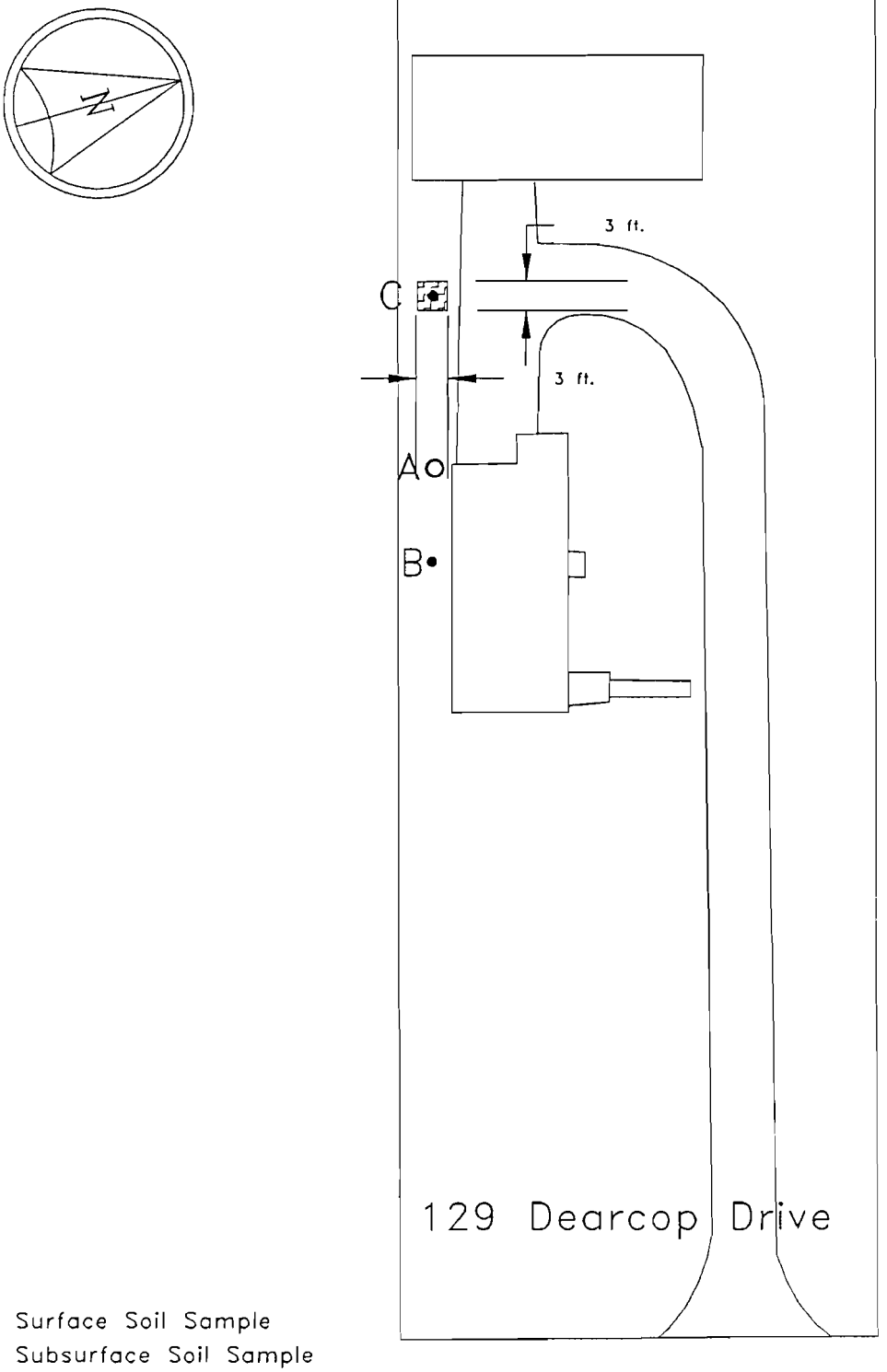
- Approximately 25 cubic yards of soil/fill material will be excavated from 206 Dearcop Drive in the area of samples DEAR 206K and DEAR 206P. The removal should be approximately 15 ft. long by 15 ft. wide and 3 ft. deep. The area of the removal was calculated by; 1. plotting the locations of the samples DEAR 206K and DEAR 206P on a map of lot 206 Dearcop Drive along with the location of the samples, and 2. drawing the limits of the excavation around samples DEAR 206K and DEAR 206P which were half way between these samples and the surrounding samples which were below site specific cleanup objectives.

- No soil/fill material will be excavated from 331 Dearcop Drive and 41 Varian Lane.

Table 1
Dearcop Farm Site
IRM Delineation Sampling Results
(All Sample results in ppm)

Sample Number	Lead Concentrations	Cadmium Concentrations
Site Specific Cleanup Goals	400	10
Dear129A	176	1.2
Dear129B	100	0.9
Dear129C	655	1.6
Dear161A	85	1
Dear161B	36	1
Dear161C	71	1.1
Dear161D	108	0.9
Dear161E	42	1.1
Dear161F	160	1
Dear161G	113	1
Dear161H	160	4.3
Dear161I	65	0.8
Dear161J	147	5.7
Dear161K	604	15
Dear161L	51	1.3
Dear161M	24	0.7
Dear206A	124	0.5
Dear206B	196	0.7
Dear206C	95	1.1
Dear206D	21	0.4
Dear206E	21	0.7
Dear206F	94	0.9
Dear206G	153	1.1
Dear206H	186	1
Dear206I	63	2.3
Dear206J	11	2.1
Dear206K	1350	2.3
Dear206L	21	1.9
Dear206M	94	1.4
Dear206N	95	0.8
Dear206O	168	0.6
Dear206P	444	0.7
Dear206Q	22	0.3
Dear206R	54	0.3
Dear206S	108	1.4
Dear206T	76	1.1
Dear331A	121	1.6
Dear331B	114	1.2
Dear331C	200	1.1
Dear331D	42	1.3
Dear331E	34	2.7
Dear331F	11	2.6
Dear331G	34	1.2
Dear331H	22	0.7
Var41A	24	0.4
Var41B	835	1.2
Var41C	10	0.5
Var41D	12	0.3

Concentration above site specific cleanup goals



○ Surface Soil Sample

• Subsurface Soil Sample

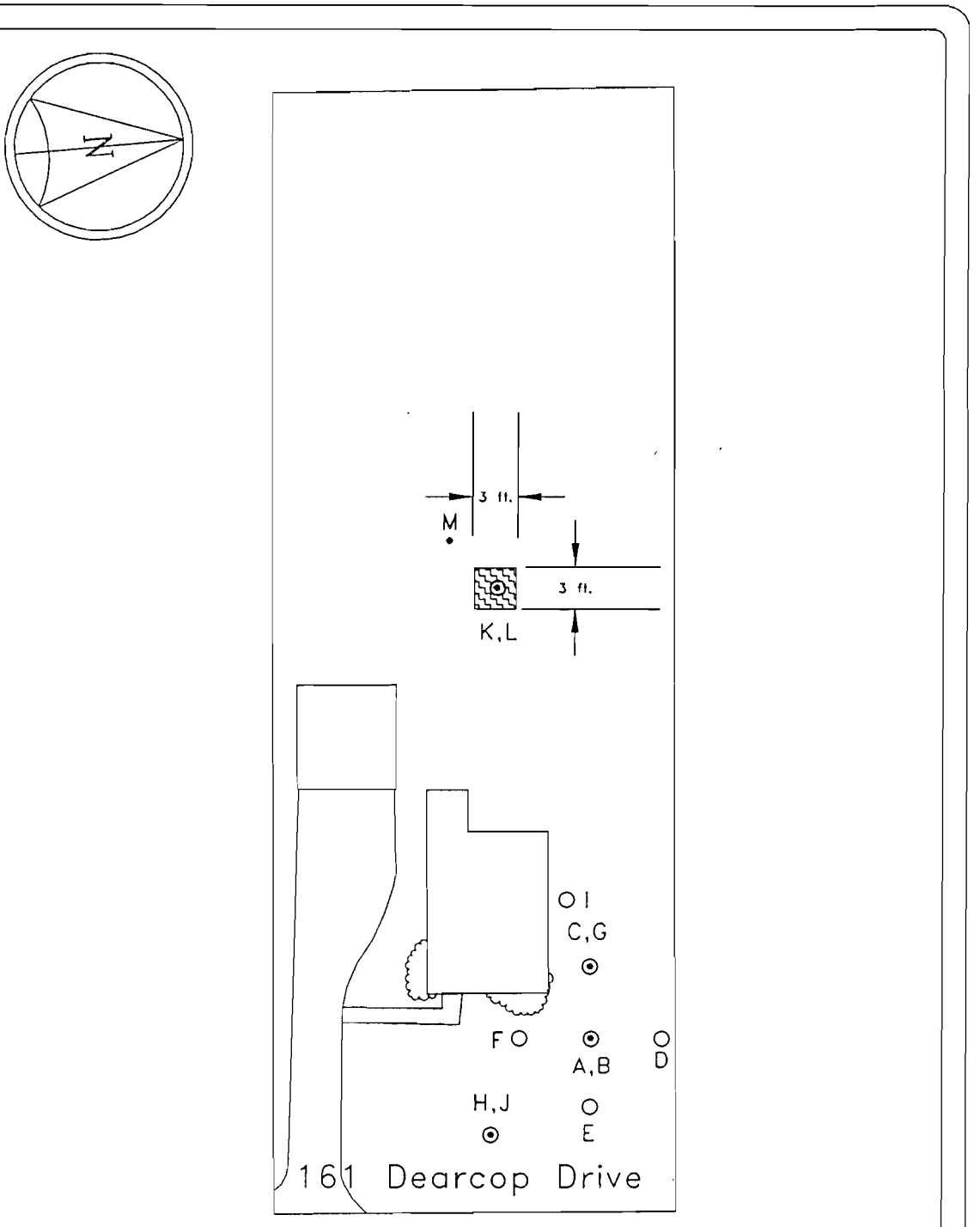
▨ Area of Removal (Depth of 3 ft.)
Total Volume = 1 cubic yard

Interim Remedial Measure
Delineation Sampling
129 Dearcop Drive

DIVISION OF HAZARDOUS WASTE REMEDIATION

DATE: August 1995 DRAWING: J Andrew Fleck, E.E. 1

Drawing Not to Scale Figure 1



○ Surface Soil Sample

• Subsurface Soil Sample

▨ Area of Removal (depth of 3 ft.)
Total Volume = 1 cubic yard

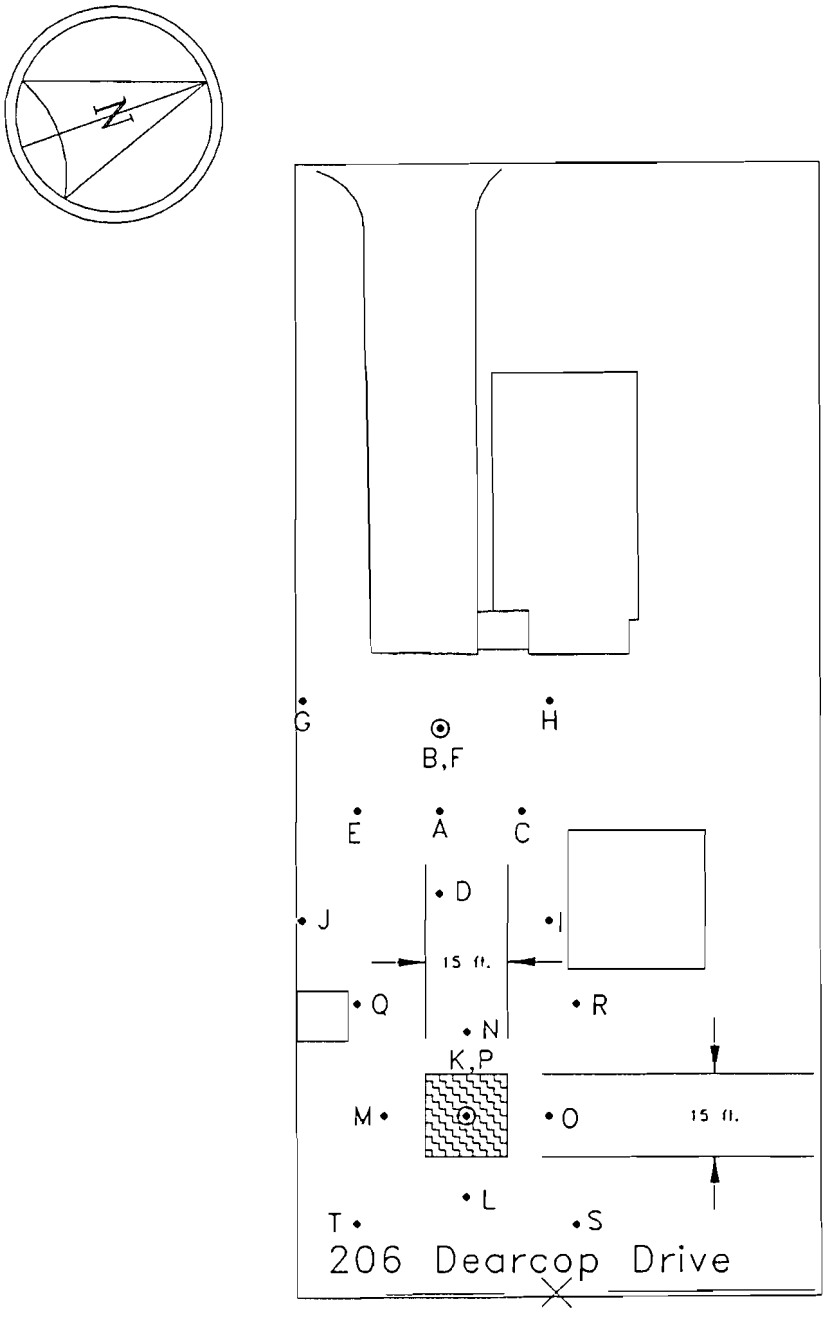
Interim Remedial Measure
Delineation Sampling
161 Dearcop Drive

DIVISION OF HAZARDOUS WASTE REMEDIATION

DATE: August 1995 | DRAWING: J. Andrew Fleck, E.E. 1

Drawing not to Scale

Figure 2



○ Surface Soil Sample

• Subsurface Soil Sample

▨ Area of Removal (Depth of 3 ft.)
Total Volume = 25 cubic yards

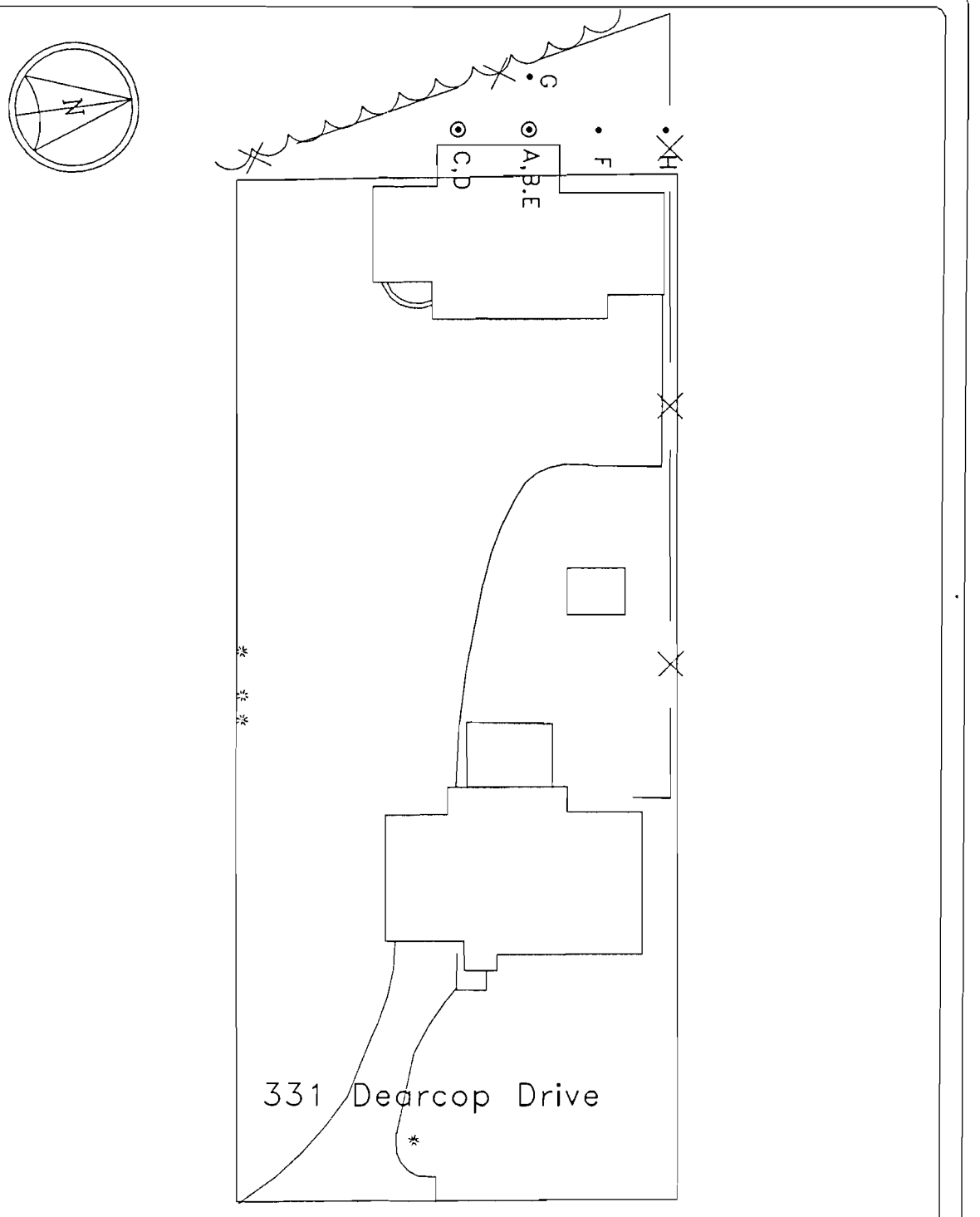
Interim Remedial Measure
Delineation Sampling
206 Dearcop Drive

DIVISION OF HAZARDOUS WASTE REMEDIATION

DATE: August 1995 | DRAWING: J. Andrew Fleck, E.E. 1

Drawing Not to Scale

Sheet 3



O Surface Soil Sample

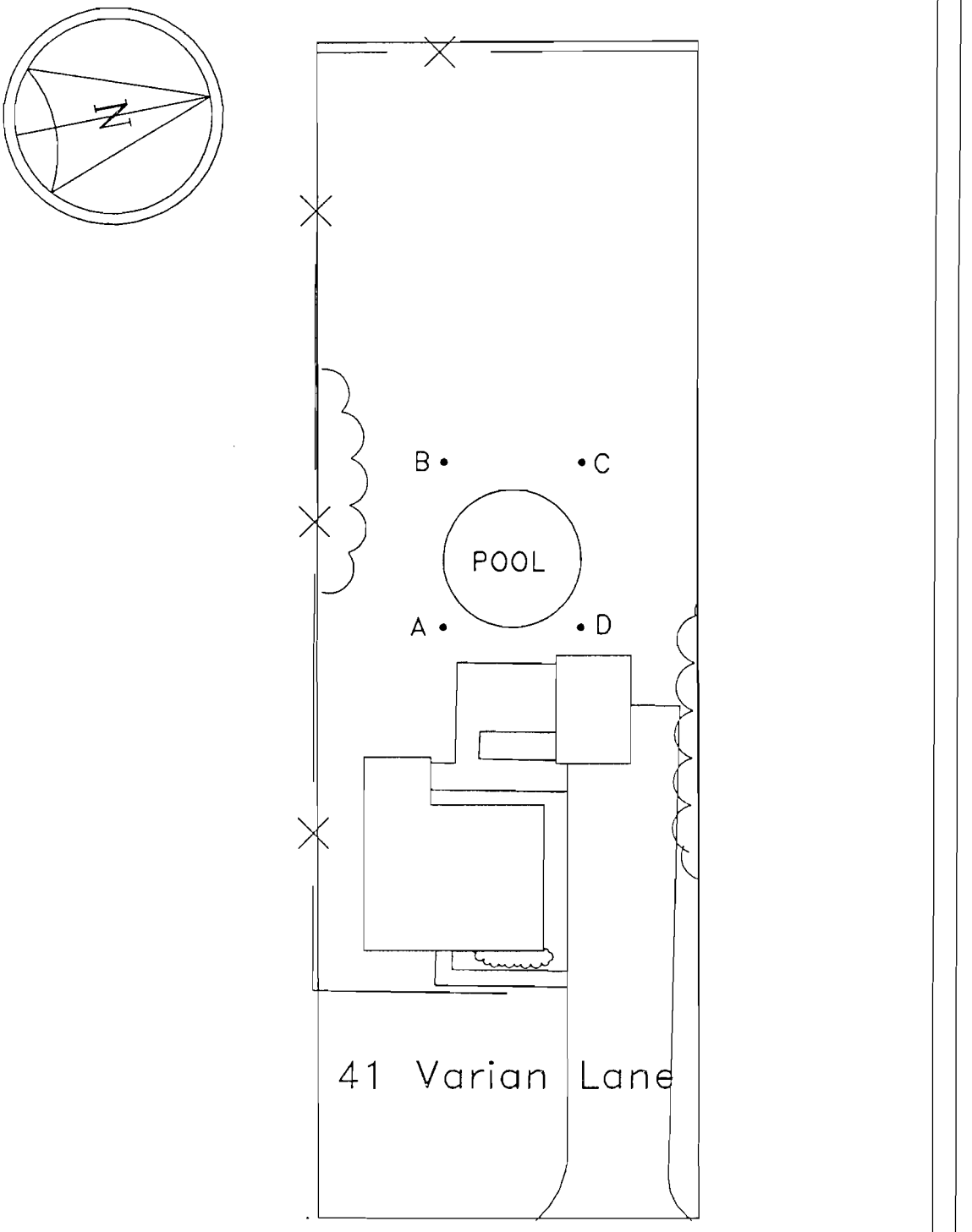
• Subsurface Soil Sample

Interim Remedial Measure
Delineation Sampling
331 Dearcop Drive

DIVISION OF HAZARDOUS WASTE REMEDIATION

DATE: August 1995 DRAWING: Andrew Fleck, E.E. 1

Drawing Not to Scale Figure 4



• Subsurface Soil Sample

Interim Remedial Measure
Delineation Sampling
41 Varian Lane

DIVISION OF HAZARDOUS WASTE REMEDIATION

DATE: August 1995 DRAWING: J. Andrew Fleck, E. E. 1

Drawing Not to Scale Figure 5

Appendix A
NYSDEC Mobile Laboratory Analytical Results

NEW YORK STATE DEPARTMENT of ENVIRONMENTAL CONSERVATION

DIVISION of HAZARDOUS WASTE REMEDIATION

FIELD ID	Pb mg/Kg	Cd mg/Kg
DEAR 331A	121	1.6
331B	114	1.2
331C	200	1.1
331D	42	1.3
331E	34	2.7
331F	11	2.6
331G	34	1.2
331H	22	0.7
DEAR 206S	108	1.4
206T	76	1.1
DEAR 129A	176	1.2
129B	100	0.9
129C	655	1.6
DEAR 161M	24	0.7
161A	85	1
161B	36	1
161C	71	1.1
161D	108	0.9
161E	42	1.1
161F	160	1
161G	113	1
161H	160	4.3

DEAR 161I		65		0.8				
161J		147		5.7				
DEAR 206A		124		0.5				
206B		196		0.7				
206C		95		1.1				
206D		21		0.4				
206E		21		0.7				
206F		94		0.9				
206G		153		1.1				
206H		186		1				
206I		63		2.3				
206J		11		2.1				
206K		1350		2.3				
206L		21		1.9				
206M		94		1.4				
206N		95		0.8				
206O		168		0.6				
206P		444		0.7				
206Q		22		0.3				
206R		54		0.3				
DEAR 161L		51		1.3				
161K		604		15				
VAR 41A		24		0.4				
41B		835		1.2				
41C		10		0.5				

41D		12		0.3				

Appendix B
Sample Data Summary Sheets

SURFACE SOIL SAMPLE
DATA SHEET

SAMPLE LOCATION(S) (SEE BELOW): 129 Dearcop Drive

DATE OF SAMPLING: 3/26/95 TIME OF SAMPLE COLLECTION: A: 9:25 Am
B: 9:30 Am

SAMPLER NAME(S): Wayne Mizerak, Martin Day & Andrew Flack C: 9:45 Am
Dave Napier Jon Albert

SAMPLING METHOD: (DISCRETE) COMPOSITE, BOTH /

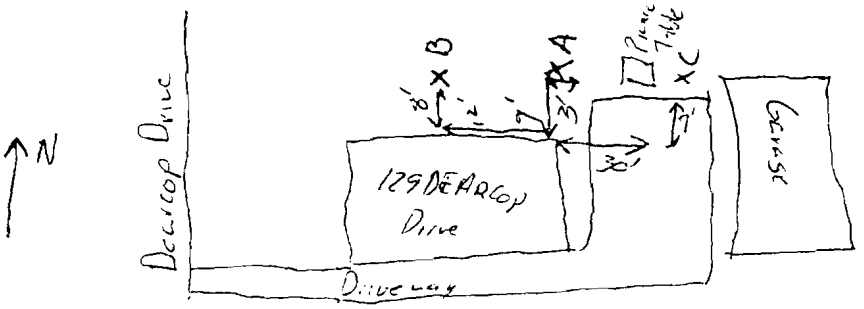
WEATHER AT TIME OF SAMPLING: Hazy, Hot, Humid & 75°F

DEPTH OF SAMPLE LOCATION(S):

PHYSICAL CHARACTERISTICS OF SOIL SAMPLE:

- MOISTURE CONTENT: (DRY), DAMP, WET
- ODOR ?: Y or (N)
- FILL MATERIAL PRESENT ?: (Y) or N Brick and Cinders approximately 1Ft below grade at Sample location B
  (If yes, describe the material.) B
- COLOR OF SAMPLE: Brown
- SOIL TYPE: Fine to Median Sand w/ Clay

LOT SKETCH WITH SAMPLE LOCATIONS:



COMMENTS:

DEAR 129 A - Surface Soil sample
DEAR 129 B - 8"-12"
DEAR 129 C - 15"-18" Mostly light Brown sand
Some fill material Present Rusty Rods
Slag

SURFACE SOIL SA[illegible]
DATA SHEET

SAMPLE LOCATION(S) (SEE BELOW): DEARCOP DRIVE 161

DATE OF SAMPLING: 6/26/95 TIME OF SAMPLE COLLECTION:

SAMPLER NAME(S): Wayne Mizerak, Martin Doyle, Andrew Fleck, Dave Napier, Joe Albert

SAMPLING METHOD: (DISCRETE), COMPOSITE, BOTH

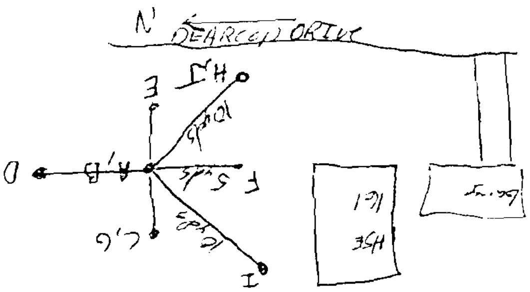
WEATHER AT TIME OF SAMPLING: Hazy Hot Humid (Rain)

DEPTH OF SAMPLE LOCATION(S):

PHYSICAL CHARACTERISTICS OF SOIL SAMPLE:

- MOISTURE CONTENT: (DRY), DAMP, WET
- ODOR ?: Y or (N)
- FILL MATERIAL PRESENT ? (Y) or N — Fill Material Present through out the yard chunks of light Green Glass around the yard
  (If yes, describe the material.)
- COLOR OF SAMPLE:
- SOIL TYPE:

LOT SKETCH WITH SAMPLE LOCATIONS:



COMMENTS: 0 — OM

A Surface Soil Green Rock Chips and Soil
B 2' light Brown Sand
C Surface Soil Some Slag
D Surface Soil Sample Brown Silty Sand
E Surface Soil Sample Brown Silty Sand
F Surface Soil Sample Brown Silty Sand
G 2' Some Slag Evident
H. Blue Green Material ~15"
I 2' Some Slag [illegible] Soil Right At 2' Approximately ½' of Foundry Sand

J. 2' Orange Dark Color Some Slag
K Surface Soil Grey Material
L subsoil 24" deep orange sand slag
M 6" deep Foundry sand orange & black

SURFACE SOIL SAMPLE
DATA SHEET

SAMPLE LOCATION(S) (SEE BELOW): DEAR 206

DATE OF SAMPLING: 6/26/95 TIME OF SAMPLE COLLECTION:

SAMPLER NAME(S): Wayne Mizerak, Marty Doyle, Andrew Fleck, Dave Napier, Joe Albert

SAMPLING METHOD: (DISCRETE) COMPOSITE, BOTH

WEATHER AT TIME OF SAMPLING: Hazy, Hot, Humid 80°F

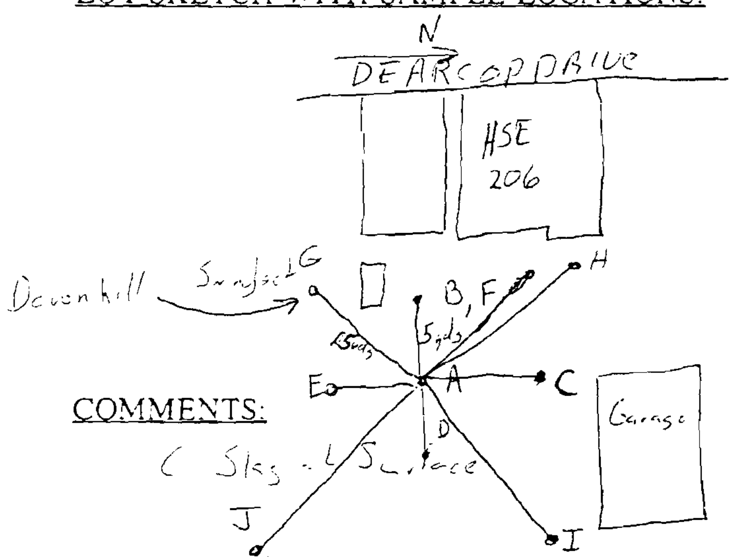
DEPTH OF SAMPLE LOCATION(S):

PHYSICAL CHARACTERISTICS OF SOIL SAMPLE:

- MOISTURE CONTENT: DRY, DAMP, WET
- ODOR ?: Y or N
- FILL MATERIAL PRESENT ?: (Y) or N
  (If yes, describe the material.)
  Slag, Cinder and Sand
- COLOR OF SAMPLE:
- SOIL TYPE:

LOT SKETCH WITH SAMPLE LOCATIONS:

Large Rocks Encountered at each Sample Point Approximately 1 Ft in depth Top 6 inches May Be old Drive way at A, B, C, D, F



COMMENTS:

C Slag at Surface

Sample Depths

A - Approximately 1' 11:05 Am

B - 2' Down Foundation Sand 10:50 Am

C 5" 11:00 Am

D 10" - 12" 10:15 Am

E - 12" - 15" 11:10 Am

F Surface Soil Sample, top 6" 10:40 Am

G Sand 11:30 Am 12" - 15

H: 11:25 Am 3' depth (Topsoil, Some White Material)

I

SURFACE SOIL SAMPLE
DATA SHEET

SAMPLE LOCATION(S) (SEE BELOW): DEAR 206 (cont)

DATE OF SAMPLING: 6/26/95 TIME OF SAMPLE COLLECTION: 12:00

SAMPLER NAME(S): Wayne Alizeret, Marty Doyle, Andrew Fleck
Dave Napier, Joe Albert

SAMPLING METHOD: DISCRETE, COMPOSITE, BOTH

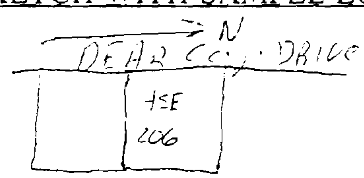
WEATHER AT TIME OF SAMPLING: Hazy, Hot Humid 80°F

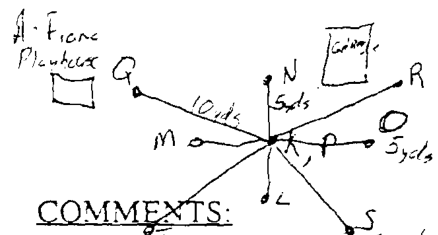
DEPTH OF SAMPLE LOCATION(S): Varied

PHYSICAL CHARACTERISTICS OF SOIL SAMPLE:

- MOISTURE CONTENT: DRY, DAMP, WET
- ODOR ?: Y or N
- FILL MATERIAL PRESENT ?: Y or N
  (If yes, describe the material.)
  Sand, Slag,
- COLOR OF SAMPLE:
- SOIL TYPE:

LOT SKETCH WITH SAMPLE LOCATIONS:





COMMENTS:

K 2' Orange Colored Sand Glass, Slag

L 2' [illegible] White Black Orange and Green Sand Pieces of wire

M 2' Grey Sand Powdery (Nail

N 2' light Brown Sand Some Slag

O 2' Blue Green Material Orange and Black Sand

P Top 10" at K Sand Grey Colored

Q 2' Sand Slag mostly Normal Dirt

R 2' Sample [illegible] White [illegible] / Black [illegible]

S 3' Sandy Material Top of, Glass bottle, Pottery. Easy Digging

T-2' Some Slag mostly Dirt

SURFACE SOIL SAMPLE

DATA SHEET

SAMPLE LOCATION(S) (SEE BELOW): 331 DEARCOP DRIVE

DATE OF SAMPLING: 6/27/95 TIME OF SAMPLE COLLECTION:

SAMPLER NAME(S): Wayne Mizerak, Martin Boyle, Andrew Flack, Dave Napier
Joe Abbott

SAMPLING METHOD: (DISCRETE), COMPOSITE, BOTH

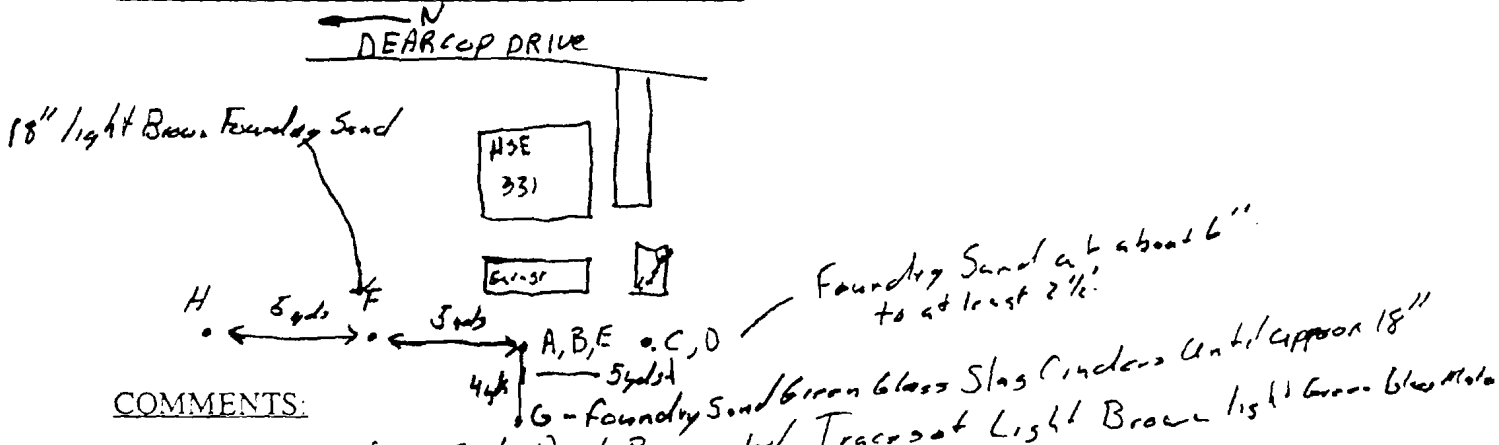
WEATHER AT TIME OF SAMPLING: Humid overcast 70-75

DEPTH OF SAMPLE LOCATION(S):

PHYSICAL CHARACTERISTICS OF SOIL SAMPLE:

- MOISTURE CONTENT: DRY, (DAMP), WET
- ODOR ?: Y or (N)
- FILL MATERIAL PRESENT ?: Y or N
  (If yes, describe the material.)
  Slag and Cinders Present Throughout Back lot
- COLOR OF SAMPLE:
- SOIL TYPE:

LOT SKETCH WITH SAMPLE LOCATIONS:



COMMENTS:

A Surface Soil Dark Brown w/ Trace of Light Brown light Green Glass Mate

B 18" Cinders and Slag, 2' looks like native soil

C Surface Soil Dark Brown w/ Some Sand

D 2' Wire Foundry Sand Cinders Slag

E, 2'4" Brown w/ some orange foundry sand

F 2' Light Brown Foundry Sand

G 2' looks like Dirt

SURFACE SOIL SAMPLE
DATA SHEET

SAMPLE LOCATION(S) (SEE BELOW): 41 Varian Lane

DATE OF SAMPLING: 6/27/95 TIME OF SAMPLE COLLECTION:

SAMPLER NAME(S): Wayne Mizwa, Martin Doyle Andrew Flack, Dave Napier

SAMPLING METHOD: ~~DISCRETE~~ COMPOSITE, BOTH

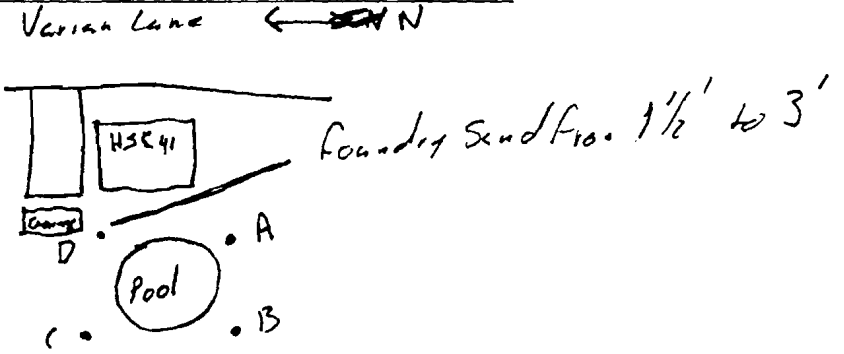
WEATHER AT TIME OF SAMPLING: Hot, Humid, Overcast

DEPTH OF SAMPLE LOCATION(S):

PHYSICAL CHARACTERISTICS OF SOIL SAMPLE:

- MOISTURE CONTENT: DRY, DAMP, WET
- ODOR ?: Y or N
- FILL MATERIAL PRESENT ?: Y or N
  (If yes, describe the material.)
- COLOR OF SAMPLE:
- SOIL TYPE:

LOT SKETCH WITH SAMPLE LOCATIONS:



COMMENTS:

A 2' Mostly Dirt on top Foundry Sand at 2'

B 3' Pieces of Glass Brown and Orange [redacted] Soil Fill (wire) from 2-3'

C 1½' Black Foundry Sand w/ some White material out of material By 2'

D 2' Medium Brown Foundry Sand

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Figures

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Appendices