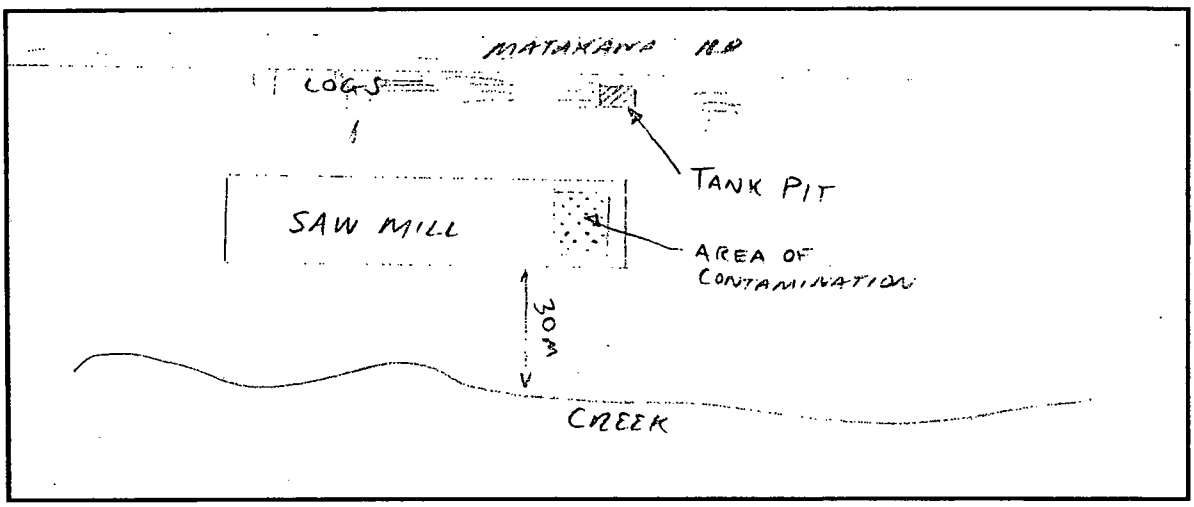
TANK REMOVAL REPORT

SITE	KOWHAI SAWMILL	SITE NO	CO 2427
LOCATION	MATAKANA ROAD MATAKANA	DATE	9 - 4 - 97
CONTRACTOR	RAY HUMPHERY	ENGINEER	M. BIRD

TANKS REMOVED

TANK SIZE	PRODUCT	CONDITION
4500	Diesel	Very Good - No holes paint still intact
Tanks Sent to;		Oil Con - Whangarei

SITE SKETCH



TANK PIT CONDITION

Clay X Gravel Sand Silt Mud Rock Concrete

GROUND WATER

Depth N/A Product Visible No Type of Product Thickness

SITE CONTAMINATION	REMOVED BY	SENT TO
Tank Pit Backfill	Ray Humphery	Enviro Waste
Contaminated Soil	N/A	
Contaminated Water	United Environmental	United Environmental

Comments: Tank and Tank pit in good condition. Contractor was also cleaning up an area where a skid tank had been located. Area was quite contaminated clay. Top 200 mm was removed and taken to enviro waste. Refer attached letter from the ARC.

ENVIRONMENTAL CONSULTANT	N/A	Ph
Soil Samples Taken By;	Marcus Bird	
DGI NOTIFIED	Yes	

SAMPLES #1 & #2 COLLECTED FROM TANK PIT
SAMPLES #3 & #4 COLLECTED UNDER KOWHAI TIMBERS SAWMILL MOTOR.

ALLAN ASPELL & ASSOCIATES LTD

ANALYTICAL CHEMISTS & SCIENTIFIC CONSULTANTS

34 CONSTELLATION DRIVE
MAIRANGI BAY
AUCKLAND
NEW ZEALAND

TELEPHONE (64-9) 478-4970 FAX (64-9) 478-4971

MEMBER NZ ASSOCIATION OF CONSULTING LABORATORIES

A C ASPELL, MSc (Hons), PhD

FILE DETAILS	No.	Date
Report no.	L13215	11/04/97
Associated fax	F13215	11/04/97
Invoice	A9169	11/04/97

SAMPLE CUSTODY	No.	Date
Received		08/04/97
Receipt advice	R	
Disposal		25/04/97

SAMPLE DETAILS	
Type	No.
Soil	4

CLIENT

Mobil Oil (NZ) Ltd
P O Box 1709
AUCKLAND

Attention: Marcus Bird

PROJECT DETAILS	
Order no.	
Project no.	97/05
Sample collection by	M Bird
Collection date	08/04/97

CERTIFICATE OF ANALYSIS

ANALYSIS OF SOIL SAMPLES: KOWHAI MILL MATAKANA

Sample: Soil	C_6 - C_9 (mg/kg dry weight)	C_{10} - C_{14} (mg/kg dry weight)	C_{15} - C_{44} (mg/kg dry weight)	TPH (mg/kg dry weight)
#1	<15	<15	<15	<15
#2	<15	<15	<15	<15
#3	<15	1378	22922	24300
#4	<15	30	1670	1700

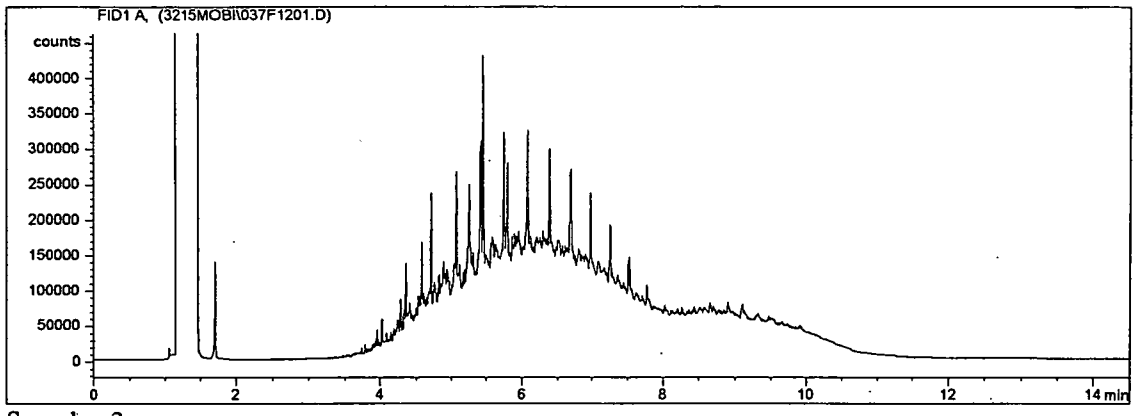
? tk pit

- Vessel note

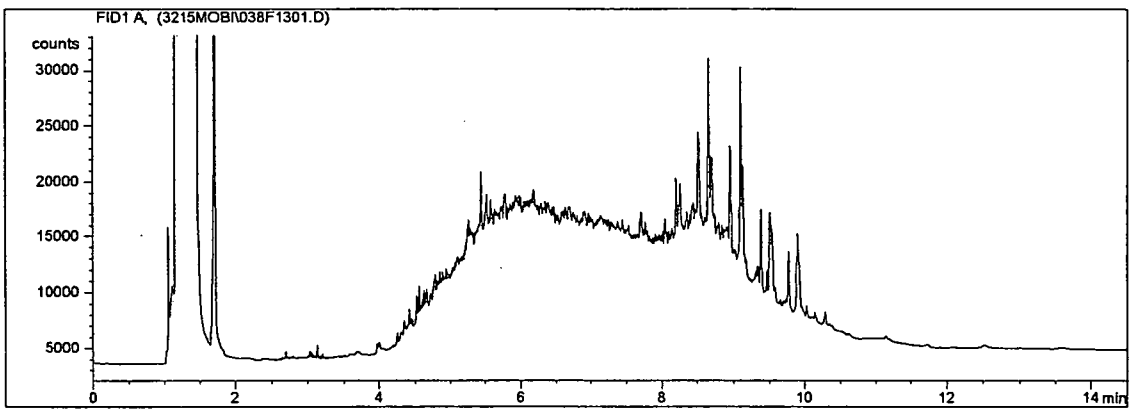
Method(s) of analysis

TPH — Super-critical fluid extraction [USEPA method 3560].
GC-FID [USEPA method 8015 mod].

A C ASPELL



Sample : 3



Sample : 4

Mobil Oil New Zealand Limited

MANIFEST FOR MOVEMENT OF CONTAMINATED SOIL FROM UNDERGROUND TANK REMOVALS

SECTION 1 To be Completed by the Removal Contractor

SITE NAME KOWHAI TIMBER COY.,

LOCATION MAIN RD MATAKANA

CONTRACTOR R.W. HUMPHREY

REMOVED TANK SIZE 4500L PRODUCT DIESEL

DESCRIPTION OF SOIL

Tank Pit Backfill			✓ Sand	Scoria	Soil
Tank Pit Natural Ground	Clay	Silt	Sand	Scoria	Rock
Contaiminated Ground Water	✓ Yes	No			

DESCRIPTION OF CONTAMINATE Petrol ✓ Diesel Other .....

COMMENTS DIESEL IN B/FILL FROM TOP FILL
DIESEL IN GROUND SURROUNDING SKID TANK 4500 IN MUD - CLAY

DECLARATION BY REMOVAL CONTRACTOR

I declare that the above waste is accurately described and is in a proper condition for transport in accordance with the applicable national and local regulations.

Name R.W. HUMPHREY Signature ..... Quanity of Waste

Title CONTRACTOR Date 9-6-97 13 ✓ m3 or kg

SECTION 2 To Be Completed by Transporter

I acknowledge the receipt of the waste consignment described above;

Name K.A.S. ROGERS Signature ..... Quanity of Waste

Title CARRIER CONTRACTOR Date 9/6/97 13 m3 or kg

SECTION 3 To Be Completed by Disposer/Storer

I declare that the waste consignment described above has been received

Location .....

Name ..... Signature ..... Quanity of Waste

Title ..... Date ....m3 or kg

SECTION 4

Return the completed form to:

MOBIL OIL NEW ZEALAND LIMITED
PO BOX 1709
AUCKLAND
Attention Construction Engineers

Auckland **Regional** Council

BellSouth Centre
21 Pitt Street
Private Bag 92 012
Auckland
New Zealand

DX CP 28 008 Pitt St
tel 64 9 379 4420
fax 64 9 366 2155

21 March, 1997

File Ref N192-30-0139

The Managing Director
Kowhai Timber (1990) Ltd
P O Box 170
MATAKANA

Attention: Gary Ryan

Dear Sir

AUCKLAND REGIONAL COUNCIL SITE VISIT

Thank you for your letter dated 5 March 1997.

With regard to the removal of the underground tank the Auckland Regional Council requests that, on completion of all works, a copy of the Environmental Report be forwarded to this office. This should include validation sampling results and verification of appropriate disposal of all contaminated material removed from the Kowhai Timber site.

If you require any further assistance or advice in dealing with the above matter please contact the undersigned on 366 2000 ext 8543.

Thank you for your cooperation.

Yours faithfully

C K Sturrock

Campbell Sturrock
Pollution Control Officer
Resource Quality

IS Ref: I:\rq\mar\q3apjlkh.doc

your environment is our concern

Auckland **Regional** Council

BellSouth Cen
21 Pitt Street
Private Bag 92
Auckland
New Zealand

DX CP 28 008 Pitt
tel 64 9 379 4420
fax 64 9 366 2155

FILE REF: N192-30-0139
I.S.Ref: I:\rq\feb\q2amv5h7.doc

04 February 1997

The General Manager
Kowhai Timbers
P O Box 170
MATAKANA

Attention: Gary Ryan

Dear Sir

AUCKLAND REGIONAL COUNCIL SITE VISIT 29 JULY 1996

On 29 July 1996 ARC staff met with Gary Ryan for an inspection of the Kowhai Timbers site at Matakana Valley Road, as part of the Regional Council's Priority Industrial Site Inspection Programme. The purpose of the visit was to investigate the use of pentochlorophenol (PCP) on the site, assess compliance with the Code of Practice for Timber Preservatives and to locate any other actual or potential sources of ground or stormwater contamination.

The findings from the visit are outlined below:

1. PCP Contamination

Due to sampling difficulties no samples were taken from this site. However a further visit may be required in the future to obtain soil samples for PCP analysis.

2. Other Contamination Sources

The following problems were identified:

2.1 Actual Contamination Sources

a. A pipe originating from the bathroom of the house situated on the mill side of the site was discharging directly into the Matakana River.

b. The ground around the waste oil storage area was contaminated with oil. All contaminated material must be removed and disposed of at an appropriate waste facility.

ARC recommends that all drums and other containers should be stored in a bunded and/or covered area to contain accidental spills and leaks. All escaped material should be disposed of as a trade waste.

Yours

c. There was significant oil and diesel contamination of the ground surrounding the diesel tank and engine in the timber mill. Again, all contaminated material must be removed and disposed at an appropriate waste facility. Bunding of both the tank and engine is recommended.

d. The treatment plant exhaust appears to have leaked oil onto the ground outside in the past. All contaminated material must be removed and disposed of.

e. Our officers were concerned at the quantity of sawdust being deposited on the stream banks. This material has the potential to be washed into the stream and to discharge leachate as it degrades. All sawdust must be removed and stored so that leachate can be contained, or disposed of in an appropriate manner.

2.2 Potential Contamination Sources

a. The collection sump in the unroofed drip pad has an outlet pipe that discharges onto the stream bank beside the treatment plant. There is potential for timber preservative contaminated sludge and stormwater collected in this sump to be discharged onto the bank. The drip pad and sump must be free of all contaminants if stormwater from the sump is to be discharged onto the bank. If the drip pad was roofed as recommended in section 2.2 of the Code of Practice then stormwater contamination would be less likely.

b. If the underground storage tank on the site is no longer in use then we recommend that it be removed.

c. ARC recommends that all industries develop a Spill Contingency Plan specific to their site to prevent pollution from accidental spills and leaks. Such a plan should include clearly labelled and accessible storage of containment and clean-up materials and staff training on methods of use. The Code of Practice for Timber Treatment Preservatives also recommends that a spill contingency plan is developed for treatment plant sites.

As discussed, these matters need to be addressed. All unauthorised discharges of contaminants from these sources, onto the ground, into the stormwater system, or into natural water, must cease immediately.

Please confirm in writing by 7 March 1997 the steps which have been taken to address the problems outlined above. Your letter, which should be addressed to ARC Environment and marked to the attention of the undersigned, must include the following:

(a) confirmation that the discharges have stopped;

(b) details of what has been done to stop the discharges, including copies of any contractors' receipts;

(c) details of any necessary interim measures in place to prevent further discharges;

(d) confirmation of any necessary clean-up or disposal activities required to remedy the problem in items 2.1 above including copies of any contractors' receipts; and

(f) details of any further preventative or remedial action proposed and a time frame for its completion.

se be aware that ARC is a ratepayer funded organisation. For this reason we seek to recover sts associated with pollution events from those responsible for the pollution. Upon receipt of your pply, or if a reply is not received by the due date, an officer will visit your premises to ensure that the problems identified above have been adequately addressed. Should our officer not be satisfied with your company's progress then the Council will seek to recover all costs associated with that visit and any necessary subsequent visits. These costs will include travel, officer's time and any relevant analytical fees.

The importance of these issues cannot be over-emphasised. For your information any unauthorised discharge of contaminants to the environment is contrary to the Resource Management Act 1991. Penalties for breach of this Act range up to a maximum of two years imprisonment or a fine of up to $200,000, with a further $10,000 for each day the discharge continues.

Please remember, the stormwater system is exclusively for the draining of clean rainwater run-off. Any contaminant which is discharged into a stormwater drain or onto the ground will flow or be washed, untreated, into the nearest stream or harbour, causing damage to the environment.

If you require any further assistance or advice in dealing with the above matters, please contact the undersigned on 366 2000 ext 8543. We will be in touch with you when your reply is received.

Thank you for your cooperation. We look forward to hearing from you soon.

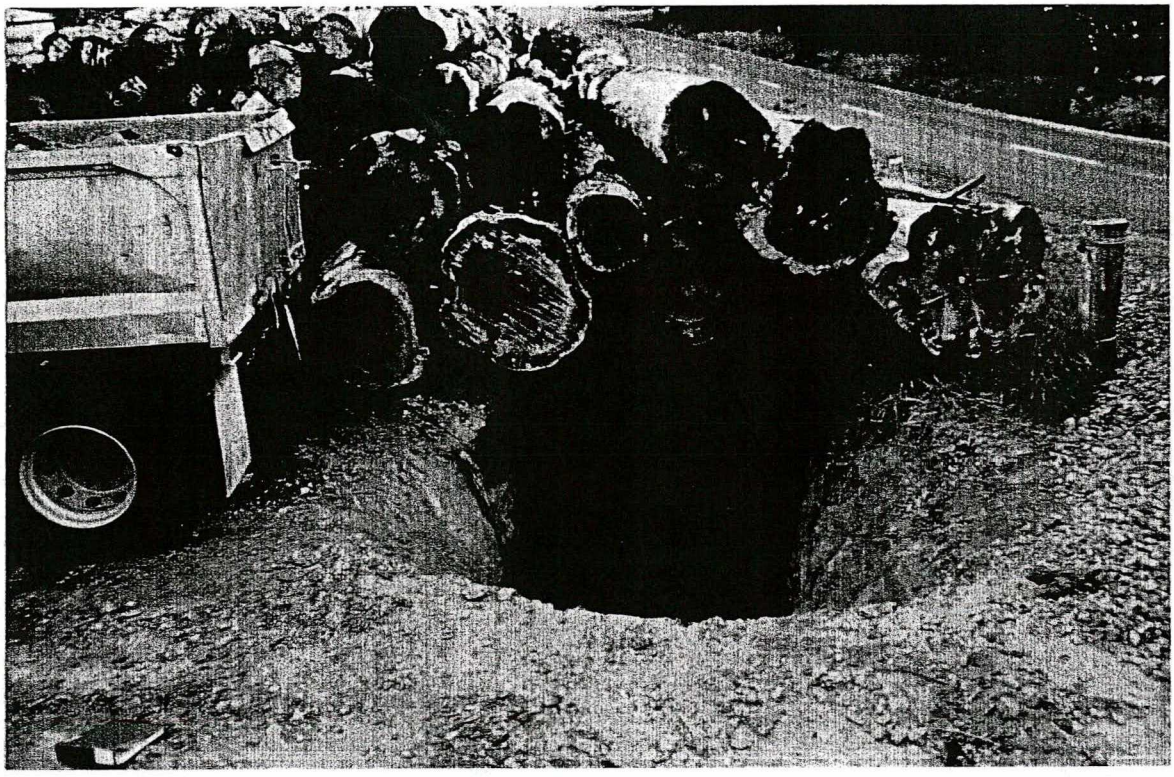
Yours faithfully

CKSturrock

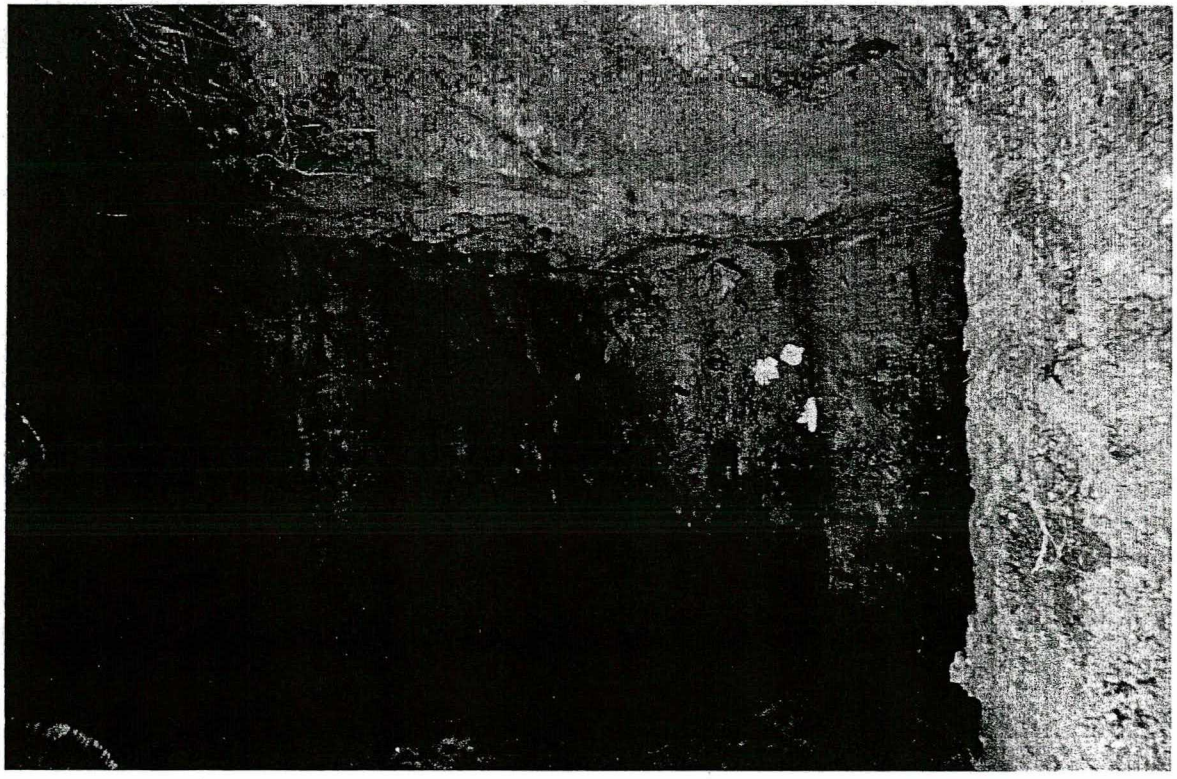
Campbell Sturrock
Pollution Control Officer
Resource Quality

cc Rodney District Council, Environmental Health

CO 2427
KOWHAI SAW MILL



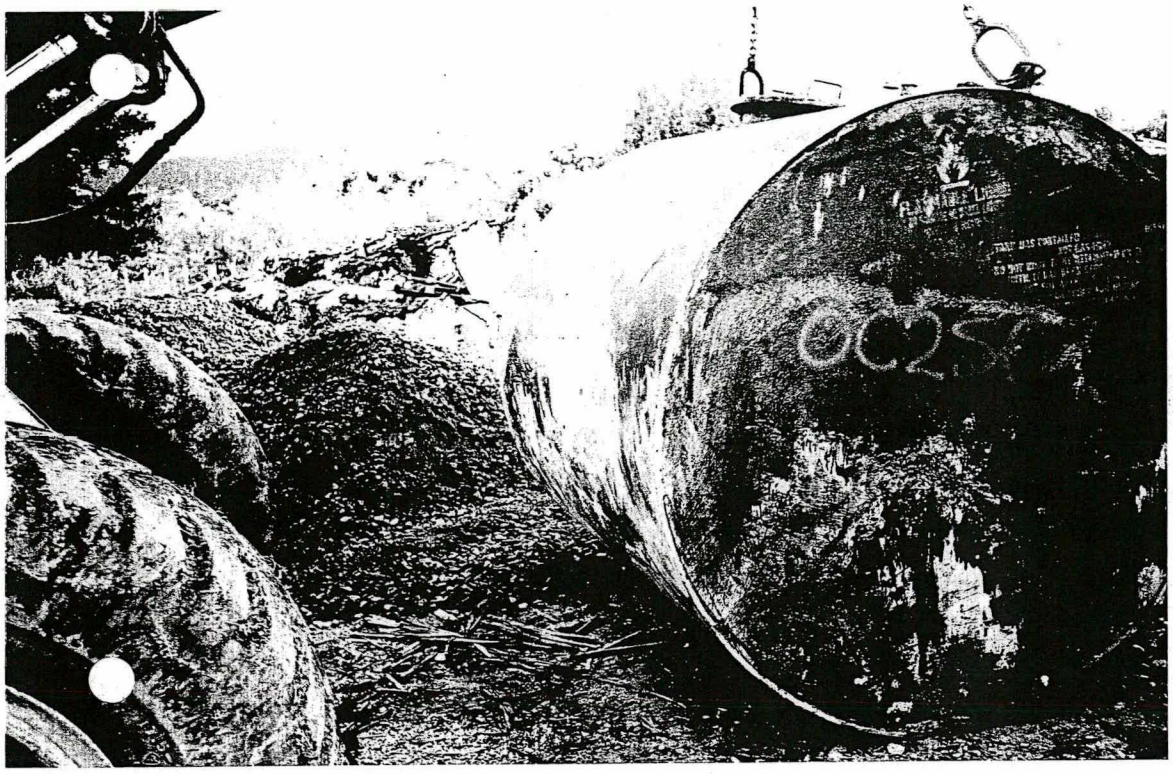
TANK PIT



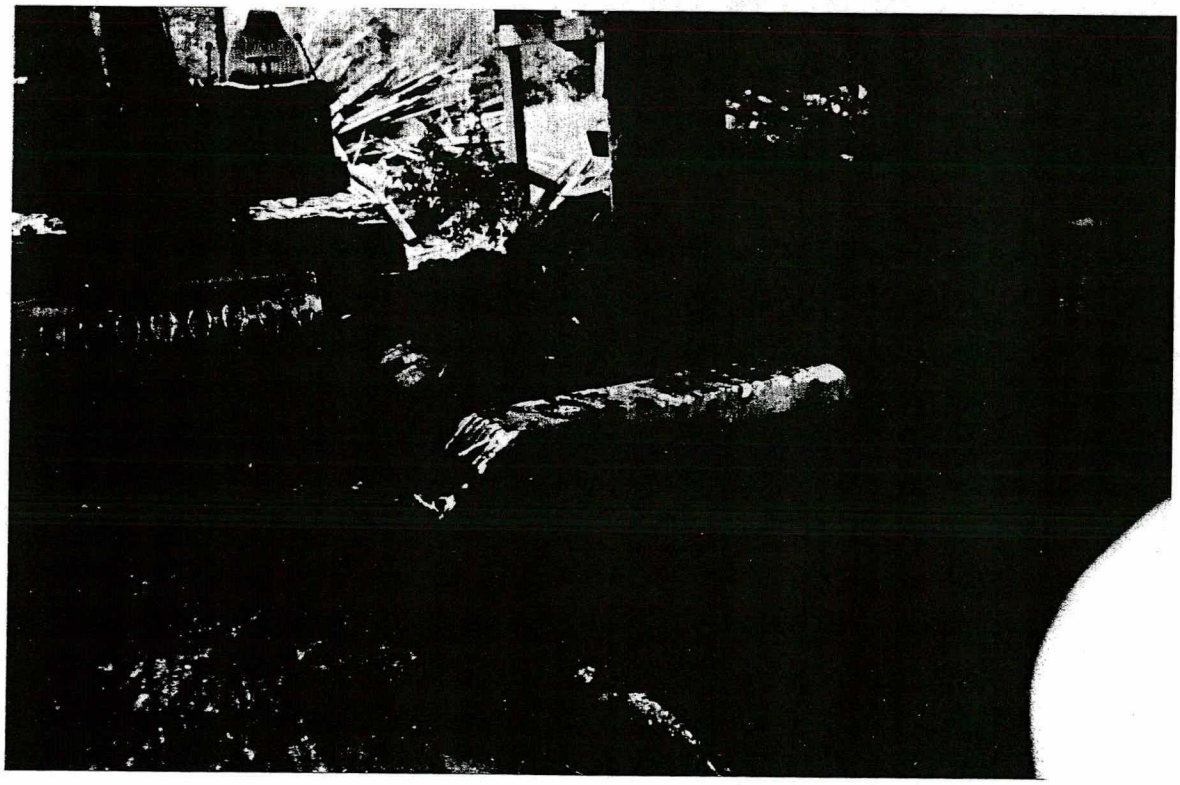
TANK PIT

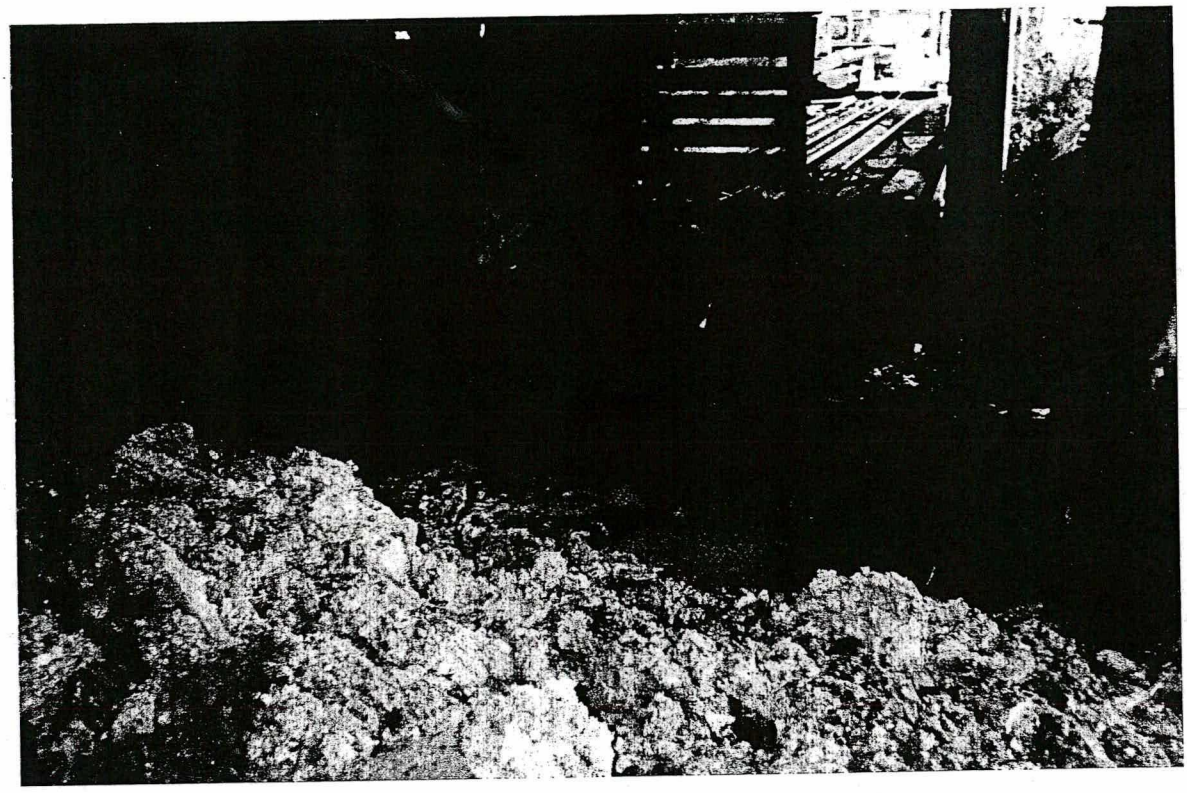
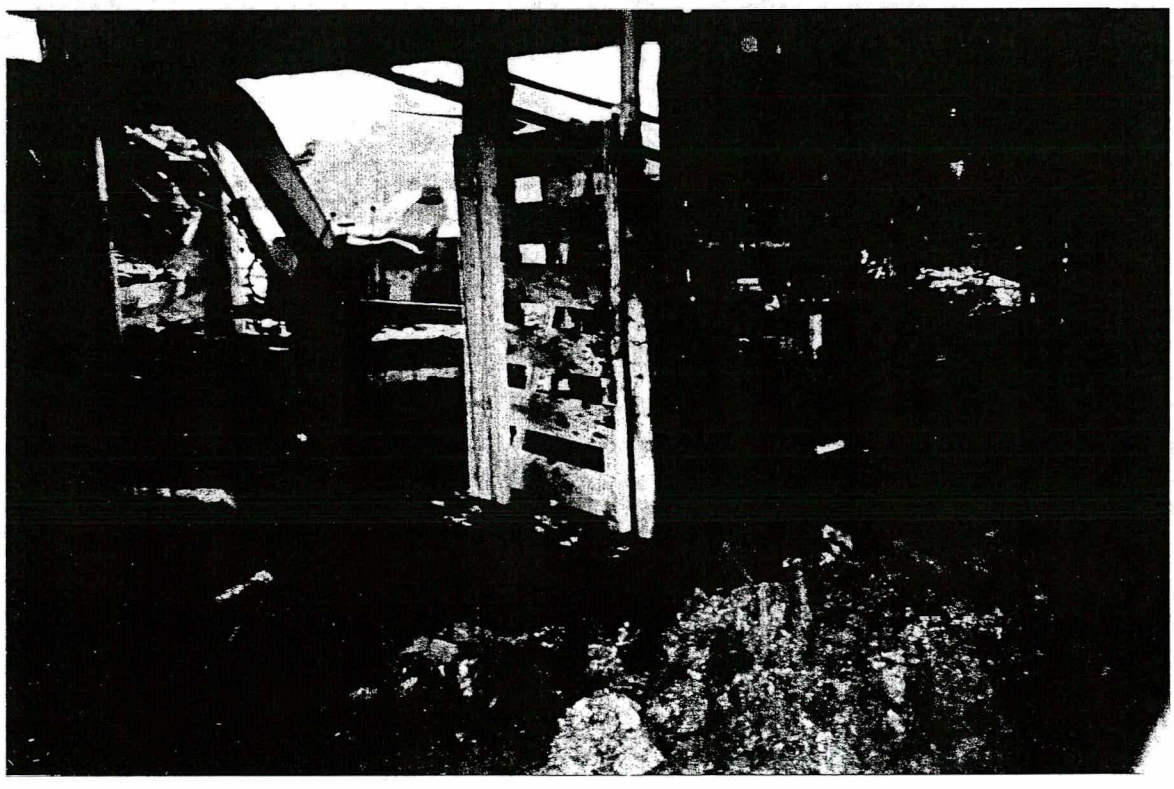
CO 2427

KOWHAI SAW MILL



4500 L DIESEL TANK



CONTAMINATION INSIDE SAW MILL

CO 2427
KOWHAI SAW MILL