

Appendix 2

Signed Quadrant Log Sheets

QUADRANT NUMBER

311

PAGE 1 of 1

DESCRIPTION OF QUADRANT / ADDITIONAL INFORMATION

2002 work.

Queens Copy

EXCAVATION LOG

Date	Type*	Location	Material #	Depth	Comments
19 Aug 02	H	Along the CEPA rope	CEPA	1ft - 1.5ft	formed a ^{water} filled depression.
21 Aug 02	H	Along the ridge	CEPA	30cm - 1.5ft	Area immediately above the 'water filled hole'.

H Heavy Equipment, M Manual, V Vacuum

> 2000 ppm, CEPA, Tier II, Tier I.

ANALYSIS LOG:

Date	Sample [△]	Type [◇]	Results (ppm)	Comments
				small amount of sediment water filled hole.
21 Aug 02	RI02-148	S	43.6 ppm	sample collected into J12.
				All CEPA removed from grid.

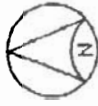
△ Prefix RI02-

◇ S Soil, W Wood, M Metal, O Other

CERTIFICATION THAT ALL SOIL CONTAINING > 50 PPM PCBs IS REMOVED FROM QUADRANT

G. Cairns. Queen's Representative	24 Aug 02. Date	<i>[Signature]</i> Engineer Representative	02/08/26 Date
<i>[Signature]</i> QC Representative	Aug 26/02 Date		

Black	Trig or (SN) Sample Number
Blue	PCB Concentration (ppm)
	TIER I: PCB Concentration (1-5 ppm)
	TIER II: PCB Concentration (5-50 ppm)
	CEPA: PCB Concentration (50-2000 ppm)
	CEPA: PCB Concentration (> 2000 ppm)
	Pink Rupt
	Green Rupt
	Yellow Rupt
	Blue Rupt
	Road
	Areas Excavated/Vacuumed
	Debris Piles
	Clada Fill on TIER II



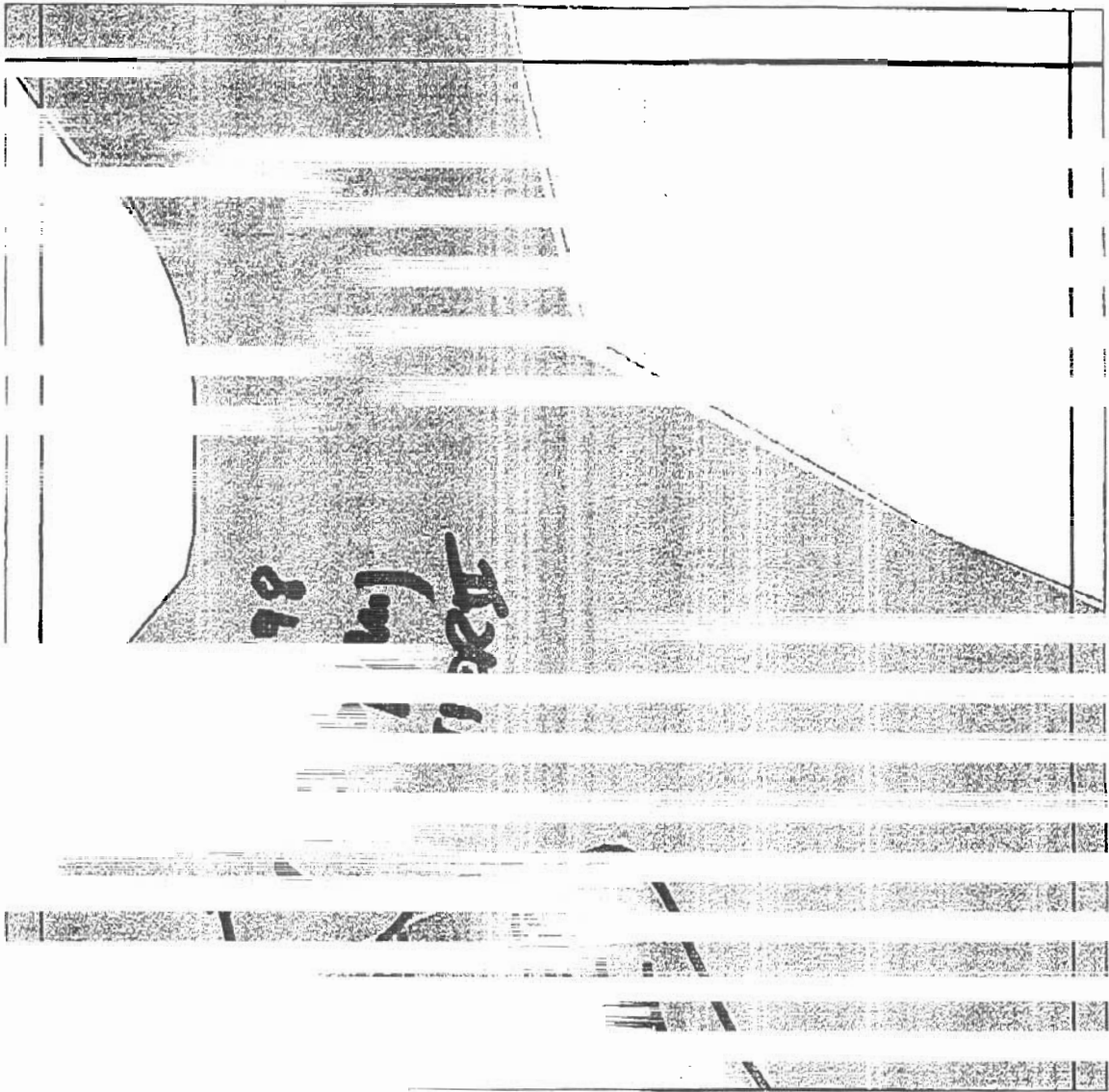
J11

DATE: 21 Aug 02

COMMENTS:

All CEPA removed
from grid.

NE



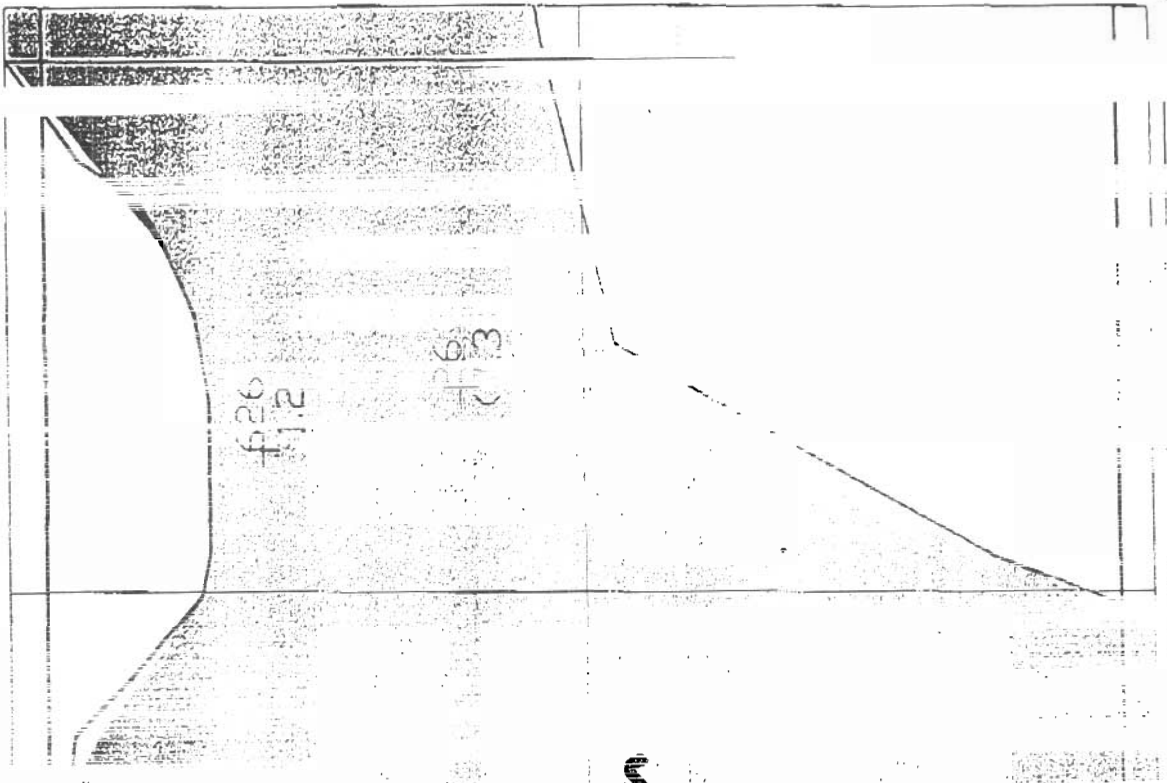
SE

20m

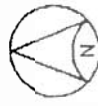
20m

20m

NE



Black	Tag or (SN) Sample Number
Blue	PCB Concentration (ppm)
	TIER I: PCB Concentration (1-5 ppm)
	TIER II: PCB Concentration (5-50 ppm)
	CEPA: PCB Concentration (50-2000 ppm)
	CEPA: PCB Concentration (> 2000 ppm)
	Pink Rope
	Green Rope
	Yellow Rope
	Blue Rope
	Road
	Areas Excavated/Vacuumed
	Debris Piles
	Clean Fill on TIER II



J11

DATE: 17 Aug 02.

COMMENTS:

Mostly flat road with some
sediments. Hole filled with
1 foot of water. Samples taken
by using shovel to lift sediment
SE then scoop from shovel.

extends
into
J11.

QUADRANT NUMBER K13PAGE 1 of 2

DESCRIPTION OF QUADRANT / ADDITIONAL INFORMATION

Work Initiated on in 2002

EXCAVATION LOG

Date	Type*	Location	Material ^B	Depth	Comments
July 29 '02	H	Convergent of K14, ^{lower} after K19	CEPA	30cm / m	Scraping to build road to I4-I10.
Aug 13 '02	H	Scrap Top of CEPA area	CEPA		
Aug 14-21st 02	V	With K12 at 10'			
"	H	As above. Fill all 10'			

ANALYSIS LOG:

Date	Sample ^A	Type ^D	Results (ppm)
Aug 16 '02	RS-2-190	S	1.89 / 1.97
Aug 16 '02	RS-2-134	S	7.8
Aug 17 '02	CT-2-169	C	10.3

Scraped along road
off right CEPA section

CERTIFICATION THAT ALL SOIL CONTAINING > 50 PPM PCBs IS REMOVED FROM QUADRANT

G. Cairns
Queen's Representative24 Aug 02
DateM. B. B.
Environmental Services02/08/26
Date

PAGE 2 of 2

Work initiated in 2002

Date	Type*	Location	Material #	Depth	Comments
11-22-02	✓	Two Mills Mill #1 - 1st	CEPA		
11-22-02	✓	Two Mills Mill #1 - 2nd	CEPA		

Blank page with faint horizontal lines.

As a result of the

CERTIFICATION THAT ALL SOLD

744.000 02

1115

نماز

LINE: . . .

100

Number
1 (ppm)
concentration (1-5 ppm)
concentration (5-50 ppm)
concentration (50-2000 ppm)
concentration (> 2000 ppm)

accumulated

11



13

ing 22/20 02

NTS:

un. ce pa)

DESCRIPTION OF QUADRANT / ADDITIONAL INFORMATION

Engineers Copy

EXCAVATION LOG

Date	Type*	Location	Material #	Depth	Comments
July 20/01	M	CEPA area in grid	CEPA	0-30	Debris removal
July 29/01	V	CEPA areas (S3)	CEPA	—	soil vacuumed to bedrock

* H Heavy Equipment, M Manual, V Vacuum

>2000 ppm, CEPA, Tier II, Tier I.

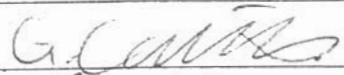
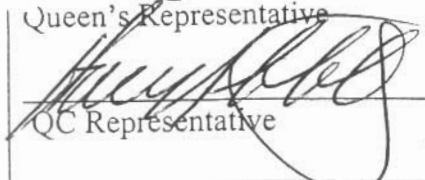
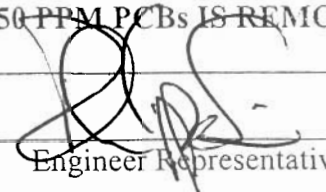
ANALYSIS LOG:

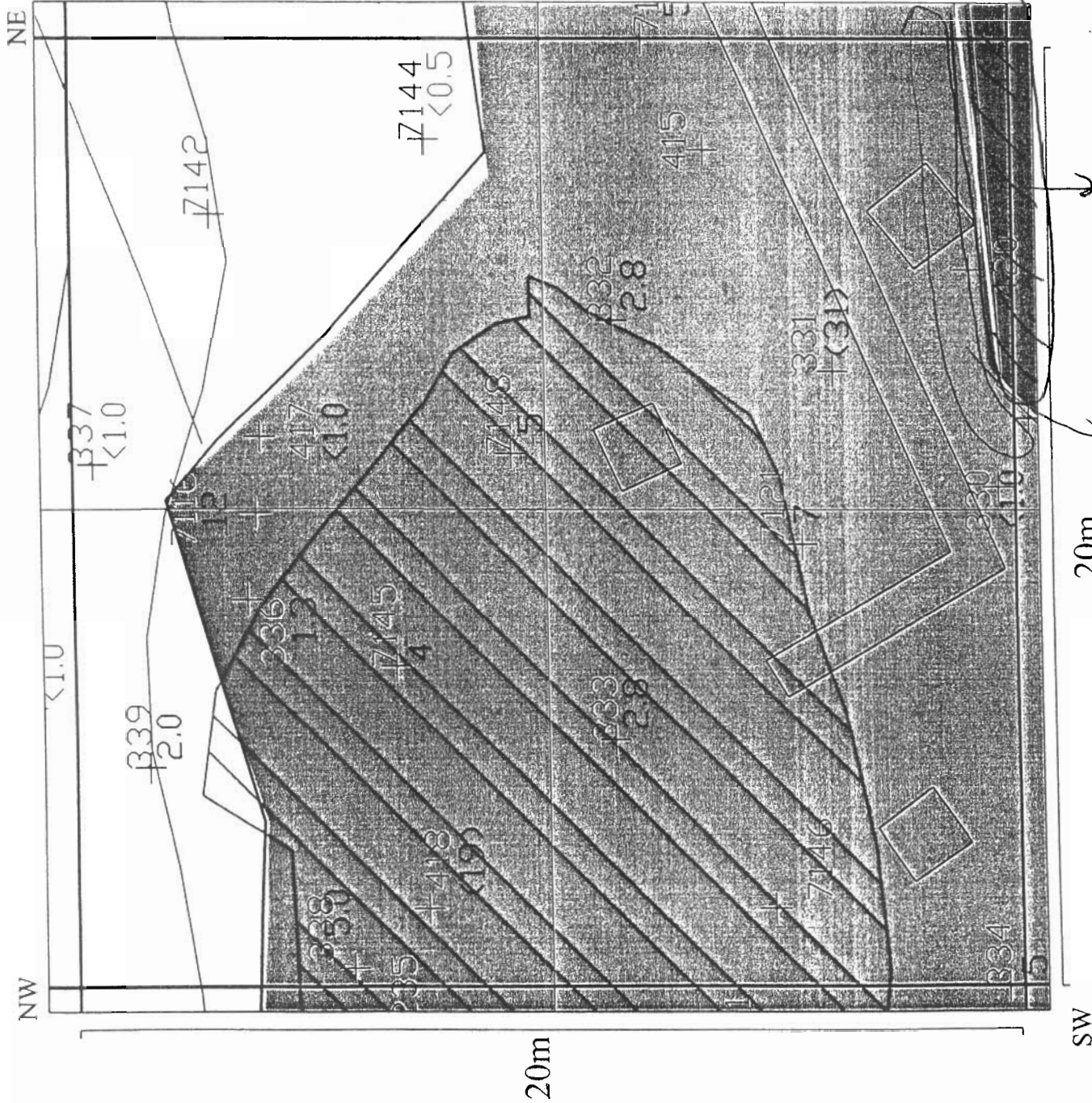
Date	Sample [△]	Type [◇]	Results (ppm)	Comments
July 20/01	030	S	140.2	Composite taken in grids G14-G15. Contamination still in grids G14-15. Needs to be vacuumed.
July 29/01	046	S	1.99	Composite sample taken along border of the CEPA area in grids G14-G15. Results indicate all CEPA has been removed.
July 19/02	RJ02-006	S	11.99 ppm	Confirmatory analysis. Edge of area is TIER II. GRID COMPLETED.

△ Prefix RJ01-

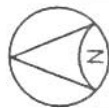
◇ S Soil, W Wood, M Metal, O Other

CERTIFICATION THAT ALL SOIL CONTAINING > 50 PPM PCBs IS REMOVED FROM QUADRANT

 Queen's Representative  QC Representative	25 July 02. Date July 28/02 Date	 Engineer Representative 26 July 02 Date
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Black	Tag or (SN)	Sample Number
Blue	PCB Concentration (ppm)	
	TIER I: PCB Concentration (1-5 ppm)	
	TIER II: PCB Concentration (5-50 ppm)	
	CEPA: PCB Concentration (50-2000 ppm)	
	CEPA: PCB Concentration (> 2000 ppm)	
	Pink Rope	
	Green Rope	
	Yellow Rope	
	Blue Rope	
	Road	
	Areas Excavated/Vacuumed	
	Debris Piles	
	Clean Fill on TIER II	



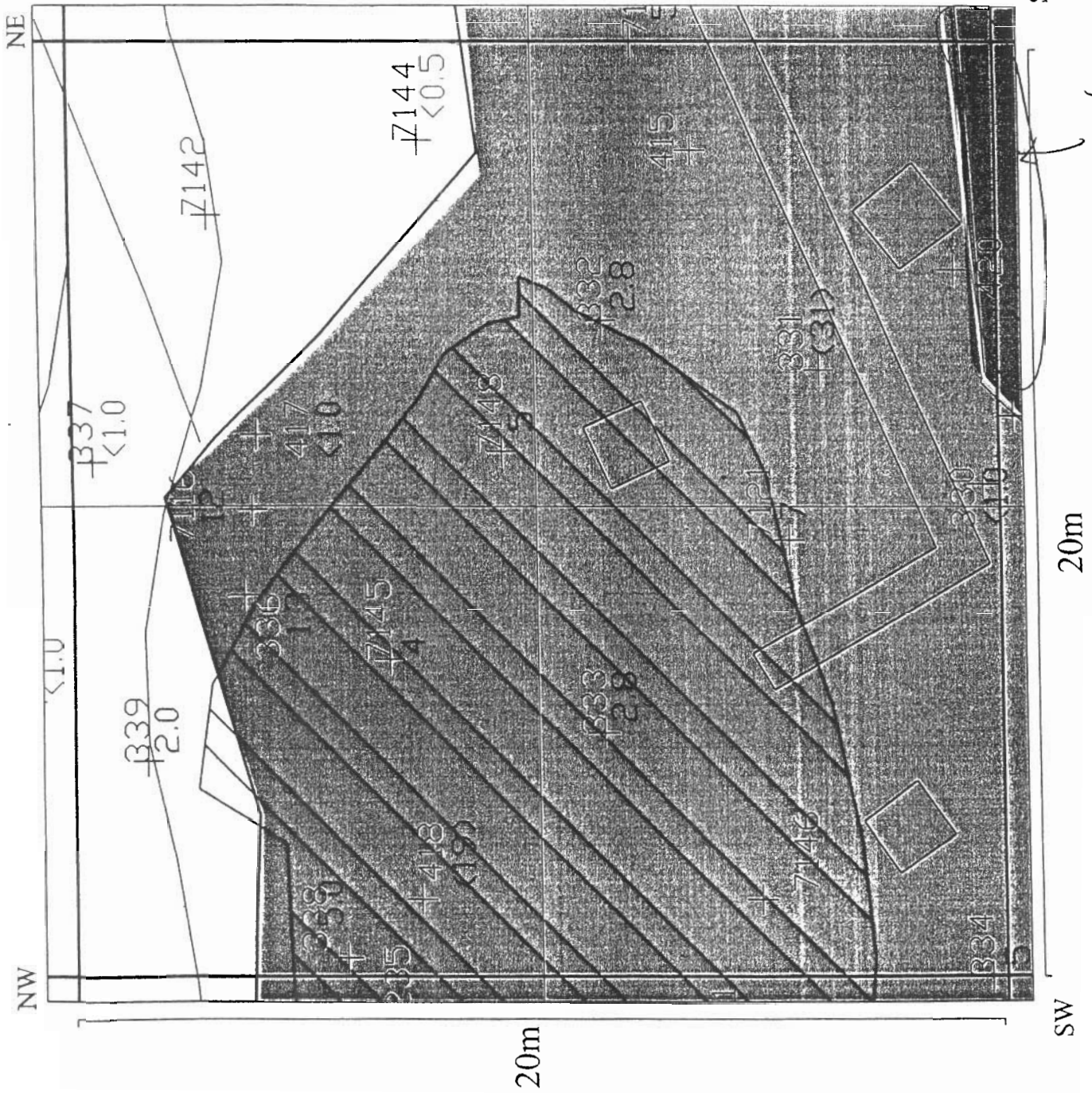
G15

DATE: 20 July 01

COMMENTS:

Area 046. From 2nd year

Area 046. From 2nd year



G15

DATE: 19 JULY 02

COMMENTS:

New Year, Confirmatory
 testing in formerly cleared
 vacuumed area

confirmatory analysis.
 R102-006. 11.99/11/02

DESCRIPTION OF QUADRANT / ADDITIONAL INFORMATION

Work initiated 2002

Engineer's Copy

EXCAVATION LOG

Date	Type*	Location	Material #	Depth	Comments
Aug 3 '02	H	CEPA Patch			Lead built to CEPA Patch
Aug 5 '02	H	CEPA Patch	CEPA	3 feet	The hole is full of water.
Aug 8 '02	H	edges of excavated area	CEPA	1.7 ft 30 cm	remaining CEPA on edges excavated
Aug 13 '02	H	excavation of edges	CEPA	1 foot	further excavation along edges
Aug 15 '02	H	CEPA Patch	-	-	Road built through cleared (Tier II), CEPA Patch.

* H Heavy Equipment, M Manual, V Vacuum

>2000 ppm, CEPA, Tier II, Tier I.

ANALYSIS LOG:

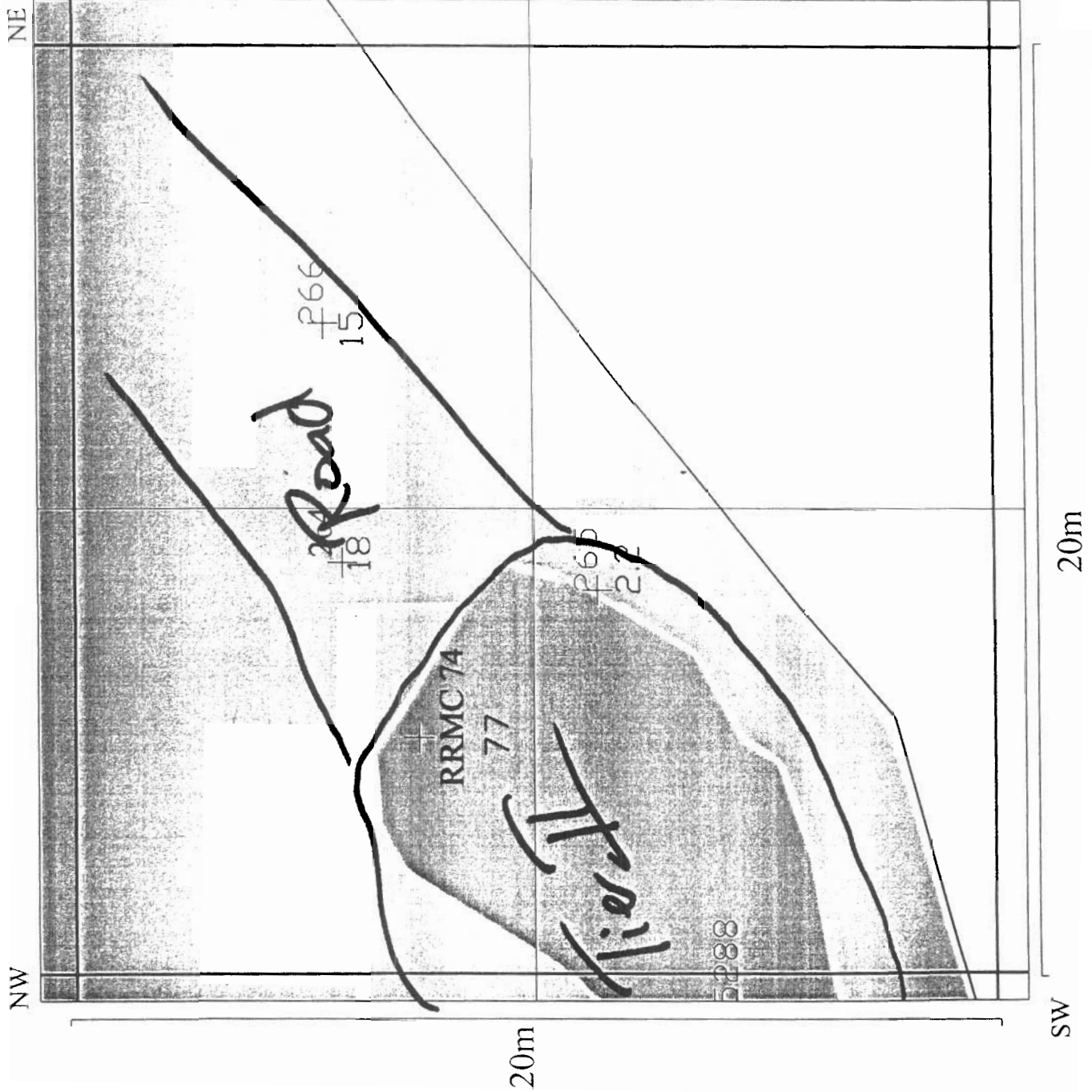
Date	Sample ^Δ	Type [◇]	Results (ppm)	Comments
Aug 5 '02	244	S	7.6	The middle of the hole full of water
Aug 5 '02	245	S	46.8	The edge of the hole full of water
Aug 8 '02	205	S	18, 28	edges of excavated area.
Aug 8 '02	204	S	56	- more excavation required.
Aug 13 '02	173	S	2.9, 5.3 2.3, 1.3	- further excavation along edges.
				All CEPA removed from gnd.

Δ Prefix RI02 -

◇ S Soil, W Wood, M Metal, O Other

CERTIFICATION THAT ALL SOIL CONTAINING > 50 PPM PCBs IS REMOVED FROM QUADRANT

Shakel Vink
Queen's RepresentativeAug 19 '02
DateMLT
Engineer Representative02/08/20
DateHoff
QC RepresentativeAug 20 '02
Date



I9

DATE: Aug. 14 '02

COMMENTS:
CEPA Patch now
Tier II

DESCRIPTION OF QUADRANT / ADDITIONAL INFORMATION

Engineer's Copy

2002 work.

EXCAVATION LOG

Date	Type*	Location	Material #	Depth	Comments
Aug 5 '02	H	CEPA Patch	CEPA	3 feet	The hole is full of water
Aug 8 / 02	H	edges of excavated area	CEPA	30 cm	
Aug 13 '02	M	further excavated edge	CEPA	1 foot	further excavation along edge
Aug 15 '02	M	Through CEPA Patch	-	-	Road built on cleaned (Tier II) CEPA patch.

* H Heavy Equipment, M Manual, V Vacuum

>2000 ppm, CEPA, Tier II, Tier I.

ANALYSIS LOG:

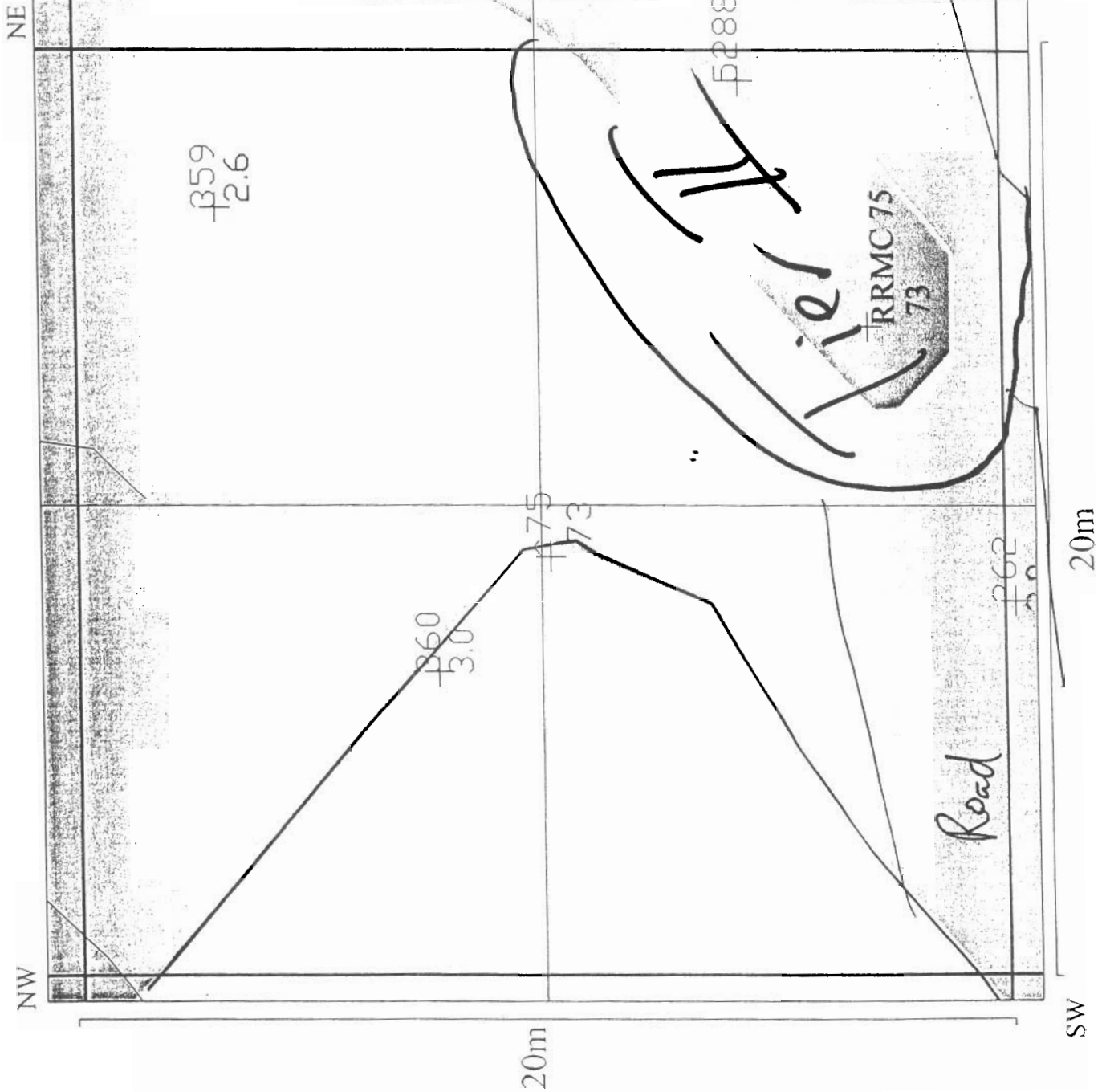
Date	Sample ^Δ	Type [◇]	Results (ppm)	Comments
Aug 5 '02	244	S	7.6	The middle of the hole is full of water
Aug 5 '02	245	S	46.8	The edge of the hole full of water
Aug 8 / 02	127	S	4.1	} edges of re-excavated hole - more
	128	S	73	
	204	S	56	
Aug 13 '02	172 172	S	44.5 21.8	Edges after further excavation required.
				All CEPA removed from Grid.

Δ Prefix RI02 -

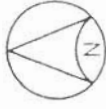
◇ S Soil, W Wood, M Metal, O Other

CERTIFICATION THAT ALL SOIL CONTAINING > 50 PPM PCBs IS REMOVED FROM QUADRANT

Shakeel Vink	Aug. 14 '02		02/08/20
Queen's Representative	Date	Engineer Representative	Date
	Aug 20/02		
QC Representative	Date		



- Tag or (SN) Sample Number
 PCB Concentration (ppm)
 TIER I: PCB Concentration (1-5 ppm)
 TIER II: PCB Concentration (5-50 ppm)
 CEPA: PCB Concentration (50-2000 ppm)
 CEPA: PCB Concentration (> 2000 ppm)
- Pink Rope
 Green Rope
 Yellow Rope
 Blue Rope
 Road
 Areas Excavated/Vacuumed
 Debris Piles
 Clean Fill on TIER II



I10

DATE: Aug. 14 '02

COMMENTS:

A CEPA patch now
 Tier II

DESCRIPTION OF QUADRANT / ADDITIONAL INFORMATION

2002 Work

EXCAVATION LOG

Date	Type*	Location	Material #	Depth	Comments
23 July 02	H	S th in the grid. 2000 ppm area.	>2000	20m-22m.	
31 July 02	H	Bottom left in grid on road.	CEPA	30cm	Road scraped away from Berm
02 Aug 02	H	In same area as above	CEPA	bottom 30cm to 60cm	Deeper excavation
11 Aug 02	V	Bottom Left corner	area 2000 ppm	10-20cm	2000 area vacuuming

* H Heavy Equipment, M Manual, V Vacuum # >2000 ppm, CEPA, Tier II, Tier I.

ANALYSIS LOG:

Date	Sample [△]	Type [◇]	Results (ppm)	Comments
23 July 02	011	S	399.2; 268.	Area along road just before the excavated 2000 area
31-July-02	037	S	74.6	CEPA Road after scraping
1-Aug-02	048	S	4.4	Resampling of RI02-037 after scraping
4-Aug-02	242	S	7.6	2' further down CEPA Road.
4-Aug-02	242 (Field)	S	16.2	after scraped
5-Aug-02	243	S	11.9	Further down CEPA Road after scraping
				All CEPA areas in grid removed

△ Prefix RI02-

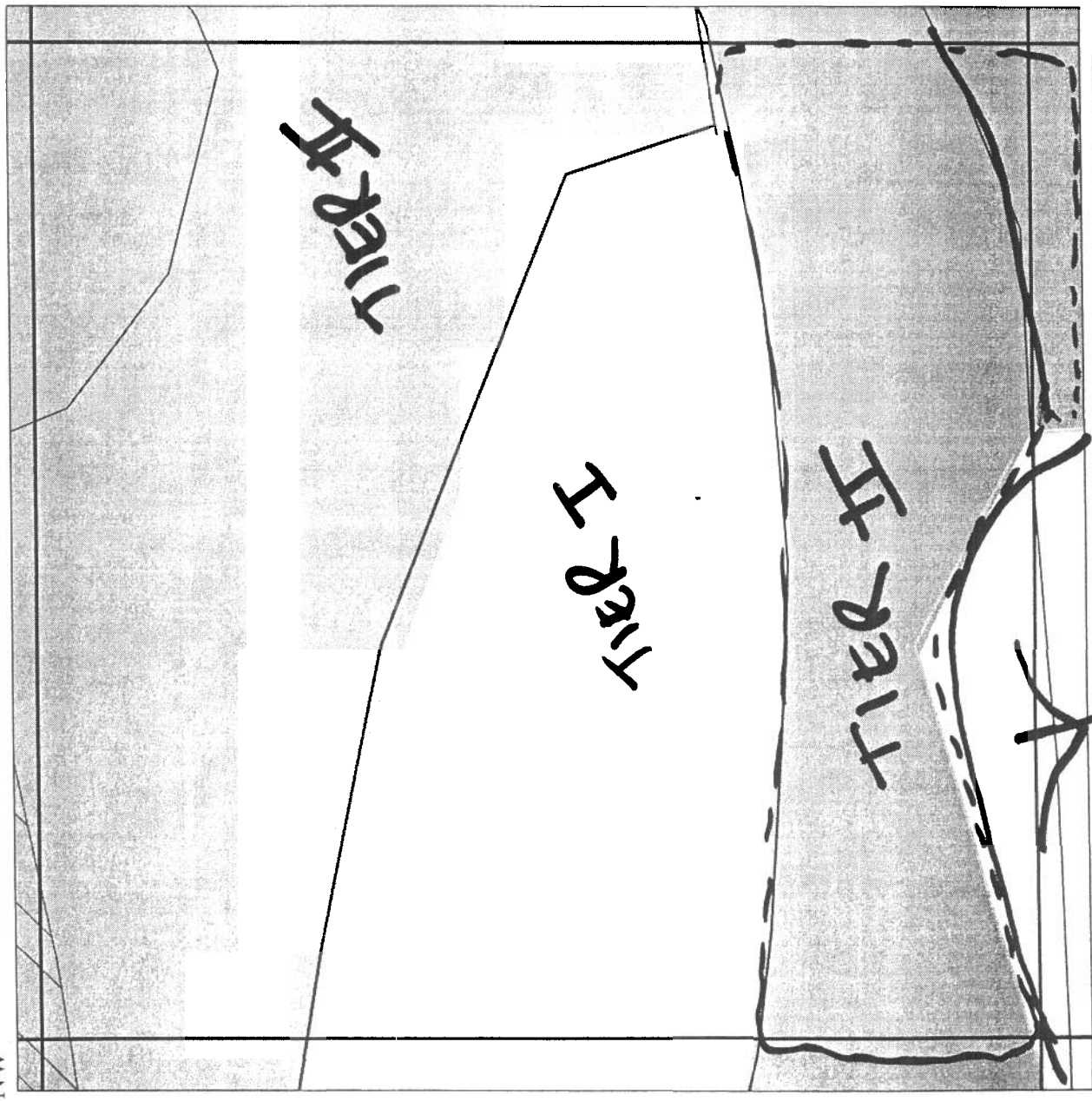
◇ S Soil, W Wood, M Metal, O Other

CERTIFICATION THAT ALL SOIL CONTAINING > 50 PPM PCBs IS REMOVED FROM QUADRANT

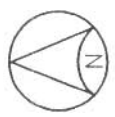
<u>G. Carr</u> Queen's Representative	<u>Aug 19 '02</u> Date	<u>MLT</u> Engineer Representative	<u>02/09/20</u> Date
<u>[Signature]</u> QC Representative	<u>Aug 20 '02</u> Date		

NW

NE



Black	Tag or (SN) Sample Number
Blue	PCB Concentration (ppm)
	TIER I: PCB Concentration (1-5 ppm)
	TIER II: PCB Concentration (5-50 ppm)
	CEPA: PCB Concentration (50-2000 ppm)
	CEPA: PCB Concentration (> 2000 ppm)
	Pink Rope
	Green Rope
	Yellow Rope
	Blue Rope
	Road
	Areas Excavated/Vacuumed
	Debris Piles
	Clean Fill on TIER II



J14

DATE: Aug. 11 '02

COMMENTS:

2000 area in Luv

left corner vacuumed

SE

SW

20m

1000 Area Vacuumed.

DESCRIPTION OF QUADRANT / ADDITIONAL INFORMATION

Initial Work Started in 2001

Engineer's Copy

EXCAVATION LOG

Date	Type*	Location	Material #	Depth	Comments
21 July 01	H	Area S of trap	Rock	Surface	/
26 July 01	H	Cliff near traps Dsh	Tier II	1m	Test pit dug 1 meter deep
18 Aug 01	H	Archway	CEPA	0-40cm	
21 Aug 01	H	Archway	CEPA	30cm	Excavated 30cm to 2nd Layer
22 Aug 01	H	See map	CEPA	to bedrock	
23-24 Aug 01	V	CEAA	Bedrock	bedrock	See map bedrock area
end of season		below previous archway	clean fill		added at end of season after we complete

* H Heavy Equipment, M Manual, V Vacuum

>2000 ppm, CEPA, Tier II, Tier I. - Burn installed to stop contamination spread during spring run off.

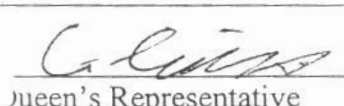
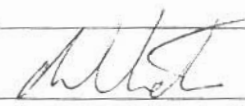
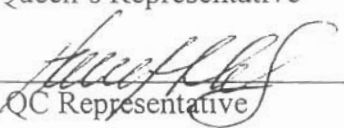
ANALYSIS LOG:

Date	Sample ^Δ	Type [○]	Results (ppm)	Comments
26 July 01	053	S	1.11	Composite sample taken to confirm Tier II soil
18 Aug 01	119	S	236	Excavation of archway
21 Aug 01	183	S	370	Excavated 30 cm then sampled.
22 Aug 01	198	S	750	Need to be vac.
* See next page for 2002 information				

Δ Prefix RI01 -

○ S Soil, W Wood, M Metal, O Other

CERTIFICATION THAT ALL SOIL CONTAINING > 50 PPM PCBs IS REMOVED FROM QUADRANT

 Queen's Representative	19 Aug 02 Date	 Engineer Representative	02/08/20 Date
 QC Representative	Aug 19/02 Date		

DESCRIPTION OF QUADRANT / ADDITIONAL INFORMATION

2002 Work

EXCAVATION LOG

Date	Type*	Location	Material #	Depth	Comments
31 July '02	H	Burn	Burn	-	Burn removed
31 July '02	H	Next to Burn (East side)	CEPA	30-50cm	Scraping East of Burn
1 Aug '02	H	Next to Burn (East side)	CEPA	30-50cm	Scraping East side of Burn
3 Aug '02	H	Burn	CEPA	1-2m	Further Scraping under Burn
8 Aug '02	V	Scraping Burn	CEPA	10-20cm	Vacuumed under Burn
11 Aug '02	V	2000 area (bottom pit)	2000	10-20cm	Vacuumed area

* H Heavy Equipment, M Manual, V Vacuum

>2000 ppm, CEPA, Tier II, Tier I.

ANALYSIS LOG:

Date	Sample [△]	Type [◇]	Results (ppm)	Comments
20 July '02	004	S	2.6	Checking fill including edge to verify burn was effective
31 July '02	034	S	14.5	} scraped CEPA ground on East side of burn
	038	S	66.4	
	037	S	74.6	
1 Aug '02	046	S	40.4	Area where Burn was removed
	047	S	14.3; 13.5	Resampling of RI02-038 after scraping
	048	S	4.4	Resampling of RI02-037 after scraping
3 Aug '02	049 049	S	52.6	Resampling under Burn was RI02-046
3 Aug '02	050	S	26.4	Sampling under upper part of Burn

△ Prefix RI02-

◇ S Soil, W Wood, M Metal, O Other

CERTIFICATION THAT ALL SOIL CONTAINING > 50 PPM PCBs IS REMOVED FROM QUADRANT

<u>G. Carter</u> Queen's Representative	<u>19 Aug 02</u> Date	<u>M. H.</u> Engineer Representative	<u>02/08/20</u> Date
<u>[Signature]</u> QC Representative	<u>Aug 20/02</u> Date		