

NW

NE

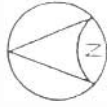
SW

SE

20m

20m

- 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



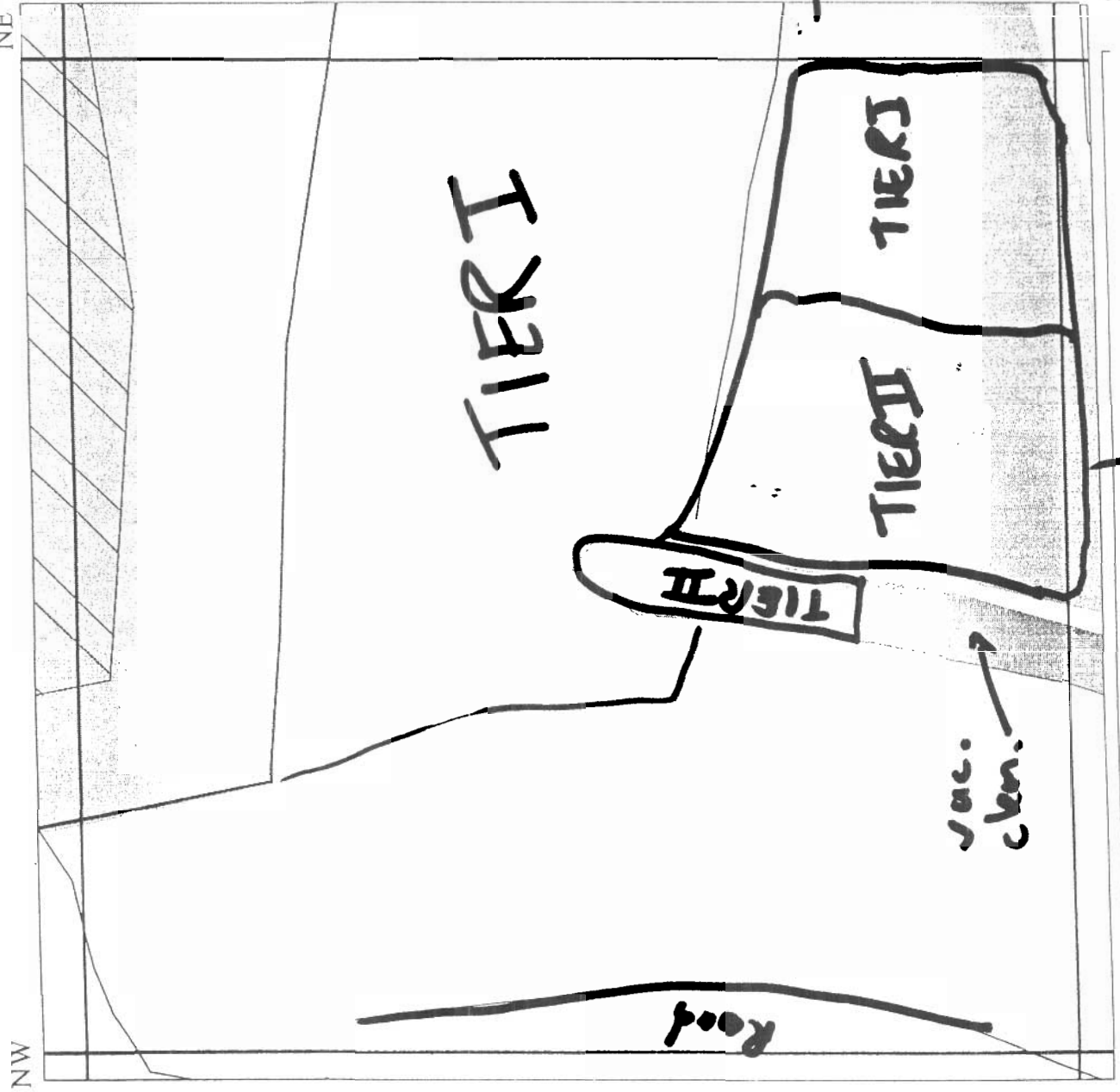
J15

DATE: 11 Aug 02.

extends to J14

COMMENTS:

Grid finished.



extends to K15.

vac.
clean.

Road

DESCRIPTION OF QUADRANT / ADDITIONAL INFORMATION

Engineer's Copy

2002 season.

EXCAVATION LOG

Date	Type*	Location	Material #	Depth	Comments
18 Aug 02	H	Top left location in pond	CEPA	1ft to 2ft	Filled with water after excavation

* H Heavy Equipment, M Manual, V Vacuum

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

ANALYSIS LOG:

Date	Sample [△]	Type [◇]	Results (ppm)	Comments
19 Aug 02	RI02-147	S	19.7 ; 22.1	sediment from water filled depression and soil from side of hole.
				CEPA removed from Grid.

△ Prefix RI01-

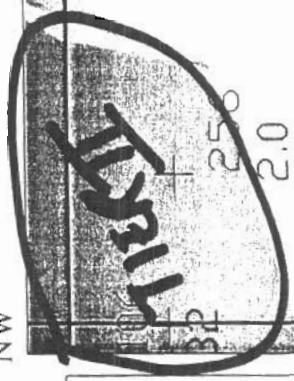
◇ S Soil, W Wood, M Metal, O Other

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

<u>G. Coote</u>	_____	<u>MLT</u>	<u>02/08/20</u>
Queen's Representative	Date	Engineer Representative	Date
<u>[Signature]</u>	<u>Aug 20/02</u>		
QC Representative	Date		

NW

259



±216

±257
4.3

±330
+355
3.8

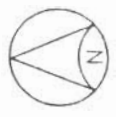
20m

SW

20m

SE

- 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



K12

DATE: 14 Aug 02

COMMENTS:

DESCRIPTION OF QUADRANT / ADDITIONAL INFORMATION

Initial Work started in 2002

Engineer's Copy

EXCAVATION LOG

Date	Type*	Location	Material #	Depth	Comments
23 July 02	H	NW section, 2000 ppm area	>2000	20m-2m.	2000 area excavated into side of slope.
24-25 July 02	H	As above.	72000	✓	Filling flower pots.
26-27 July 02	H	2000 area.	72000	✓	Filling flower pots.
7 Aug 02	H	CEPA Road	CEPA	1-2 feet	Scraping Road back
8 Aug 02	V	2000 Area / Berm	CEPA	10cm	Vacuuming
8 Aug 02	H	CEPA Road	CEPA	2-3 feet	Scraping CEPA road back

* 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	008	(W) S	121	} Along edge of face Test to see if excavation is sufficient
	007	(W) S	35	
24 July 02				
29 July 02	RI02-190	S	6.89; 6.57	composite extends to K13
31 July 02	040	S	14.0; 11.9	Composite of scraped ground
31 July 02	041	S	128.1	" " " "
6 Aug 02	050	S	89-5	Rocky cliff over.
7 Aug 02	051	W		original material
7 Aug 02	052	S	22 ppm	composite of road.
8 Aug 02	053	S	63	Composite of road

△ Prefix RI02-

◇ S Soil, W Wood, M Metal, O Other

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

Shakel Vink	Aug 19, 02	<i>[Signature]</i>	02/08/20
Queen's Representative	Date	Engineer Representative	Date
<i>[Signature]</i>	Aug 20/02		
QC Representative	Date		

DESCRIPTION OF QUADRANT / ADDITIONAL INFORMATION

Initial Work started in 2002

EXCAVATION LOG

	Date	Type*	Location	Material #	Depth	Comments
	13 Aug '02	H	Top right corner	CEPA	1-2 feet	CEPA Road scraped back and sampled.
	14 Aug '02	V	steep bottom right left	CEPA	0-20cm	Vacuuming begun on CEPA slope.
15	18 Aug '02	V	middle of Grid	CEPA	0-20cm	Vacuuming continuing along slope.
	17 Aug '02	H	middle of Grid	CEPA	-	Access Road entered into K14 for Vacuuming crew
	18 Aug '02	V	mid/east of grid	CEPA	-	Removal of CEPA removed

* H Heavy Equipment, M Manual, V Vacuum

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

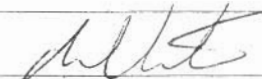
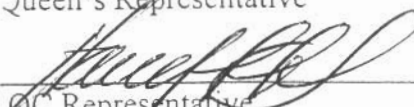
ANALYSIS LOG:

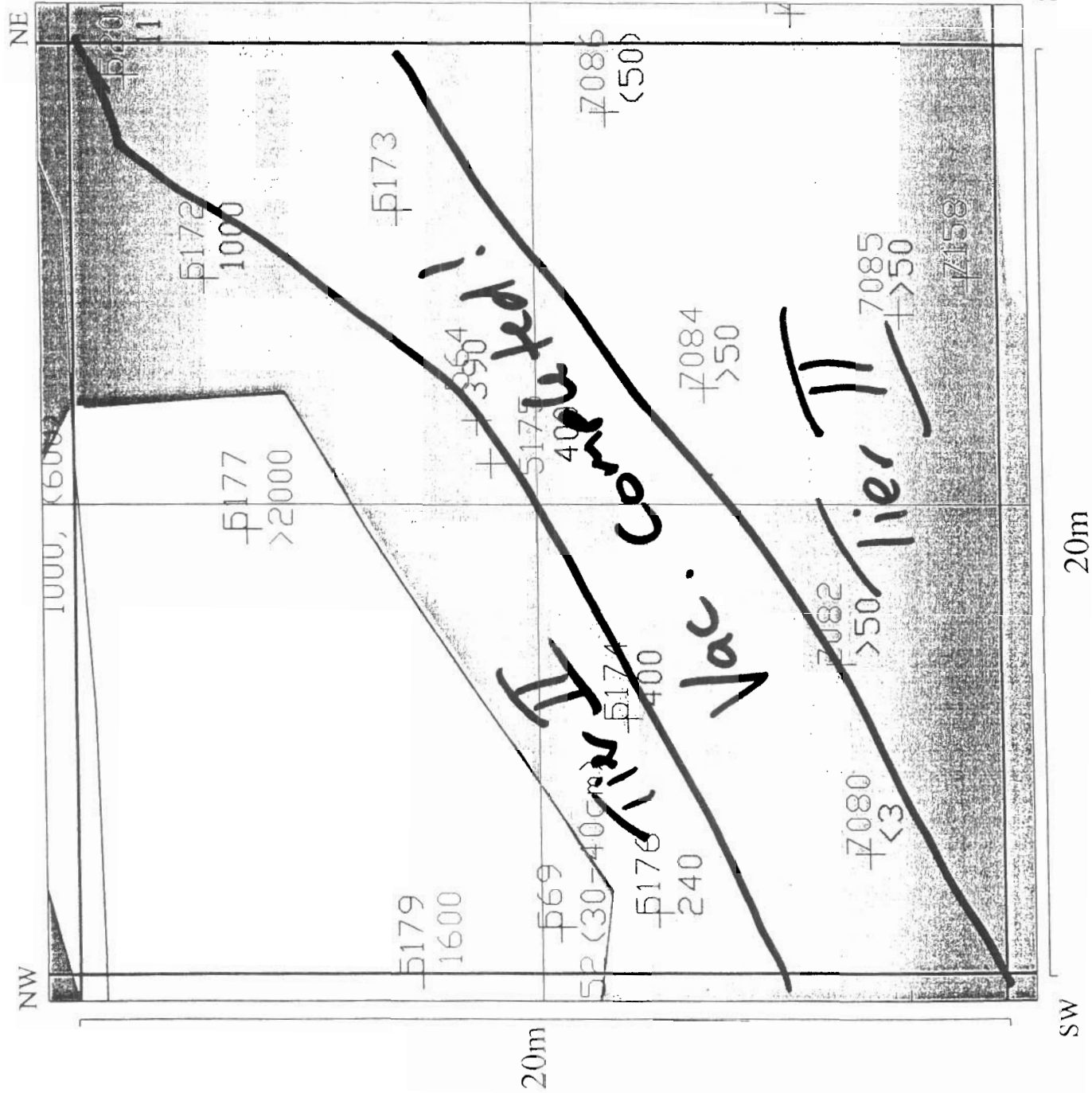
	Date	Sample [△]	Type [◇]	Results (ppm)	Comments
	13 Aug '02	170	S	86 37.2	Area in front of smaller 2000 patch
	13 Aug '02	171	S	86 81.2	steep area in front of after very little scraping
	15 Aug '02	134	S	78	steep area after scraping
	15 Aug '02	175	S	18	steep area after scraping
					All CEPA removed from grid.

△ Prefix RI02-

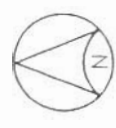
◇ S Soil, W Wood, M Metal, O Other

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

Shakeel Virk
Queen's RepresentativeAug 19, 2002
Date
Engineer Representative02/08/20
Date
QC RepresentativeAug 20/02
Date



- 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



K14

DATE: 4/18/02

COMMENTS:
Vacuum of K14 area
completed.

SE

20m

SW

DESCRIPTION OF QUADRANT / ADDITIONAL INFORMATION

Engineer's Copy

Initial work started in 2001 season.

EXCAVATION LOG

Date	Type*	Location	Material #	Depth	Comments
/	H	2000 ppm area in grids K14-15/J14-15	Wood/Debris	/	See excavation protocol for debris disposal.
See page (2) for 2002 excavation log.					

* H Heavy Equipment, M Manual, V Vacuum

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

ANALYSIS LOG:

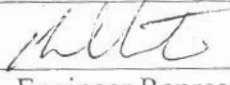
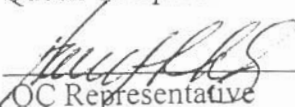
Date	Sample [△]	Type [◇]	Results (ppm)	Comments
21 Aug 01	RI01-184	W	198	
21 Aug 01	RI01-185	W	68	
21 Aug 01	RI01-189	W	314	
	-181			plywood, dry in damp patches, in soil
	-182			on surface, damp
	-186			in soil, damp
	-187			on surface, dry
	-188			above ground, same piece of wood as 186
	-202			above surface, dry
	-203			above surface, dry, same piece of wood as 186
	-204			wood panelling, in gravel, damp
23 Aug 01	RI01-056	W	38	wood from CEPA, 50-2000 ppm
	-067		24	area in K15 - also in K14 & K13
	-214			- all taken from in soil & damp

△ Prefix RI01-

See page (2) for 2002

◇ S Soil, W Wood, M Metal, O Other

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

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

DESCRIPTION OF QUADRANT / ADDITIONAL INFORMATION

2002 Work

EXCAVATION LOG

Date	Type*	Location	Material #	Depth	Comments
23 July 02	H	2000 ppm Area	> 2000	20cm → 2.0m	steep slope on 2000 area. Digging from 2000 to below, up to 2m.
24 July 02	H	2000 ppm Area	> 2000	✓	Continues being filled.
25 July 02	H				
26 July 02	H				
26 July 02	H	Area (Normal CEPA testing to edge of 2000)	CEPA	0-50cm below	—
31 July 02	H	CEPA Area	CEPA	20cm → 5m	
1 Aug. 02	H	"	CEPA	20cm → 5m	

* H Heavy Equipment, M Manual, V Vacuum

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

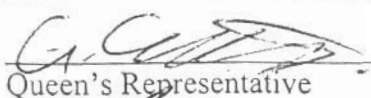
ANALYSIS LOG:

Date	Sample ^Δ	Type [◇]	Results (ppm)	Comments
23 July 02	010	S	38	Excavation to edge sufficient
	009	S	78	" "
	011	S	399.2; 268	Sample extends into J14.
26 July 02	025	S	(130.6; 116.7)	Area on ridge just under main ridge before 2000 area.
27 July 02	183	S	5.0	Scraped area close to edge of 2000.
28 July 02	036	S	31.1; 41.5	comp to edge of 2000, extends south into L15
31 July 02	038	S	66.4	Area beside Berm above 2000 (extends to J15)
31 July 02	043	S	108.8	Area below Rail (extends to L15)
1 Aug 02	047	S	14.3; 13.5	-Resampling of RI02-038 after scraping
1 Aug 02	045	S	3.6	-Resampling of RI02-043 after scraping
1 Aug 02	046	S	40.4	-Area under Berm
* See next page (page 3) for rest of results.				

Δ Prefix RI01-

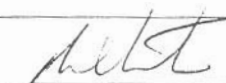
◇ S Soil, W Wood, M Metal, O Other

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



Queen's Representative

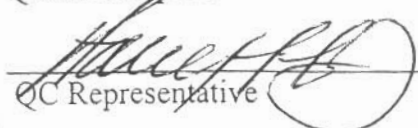
Date



Engineer Representative

02/08/20

Date



QC Representative



Date

DESCRIPTION OF QUADRANT / ADDITIONAL INFORMATION

2002 Work

EXCAVATION LOG

Date	Type*	Location	Material #	Depth	Comments
3 Aug. 02	H	Berm	CEPA	50cm-2m	Scraping under Berm
7 Aug '02	H	CEPA Road	CEPA	1-1.5ft	Scrapped CEPA Road
8-12 Aug '02	V	2000 Area	CEPA	0-10cm	Vacuuming CEPA from ^{form}
11 Aug '02	H	Berm / 2000 Area	Tier II		2000 vent + Berm
16 Aug '02	H	Vacuumed area			→ Access Road built → Access Road extended

* H Heavy Equipment, M Manual, V Vacuum

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

ANALYSIS LOG:

Date	Sample ^Δ	Type [◊]	Results (ppm)	Comments
3 Aug. 02	049	S	52.6	Area under Berm being retested ↑
6 Aug 02	246	S	270	Rocky Cliff Area
7 Aug 02	051	S	41	Composite of scraped road.
1 Aug 02	051A	S		

Δ Prefix RI02 -

◊ S Soil, W Wood, M Metal, O Other

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

G. Cotton
Queen's Representative

Date

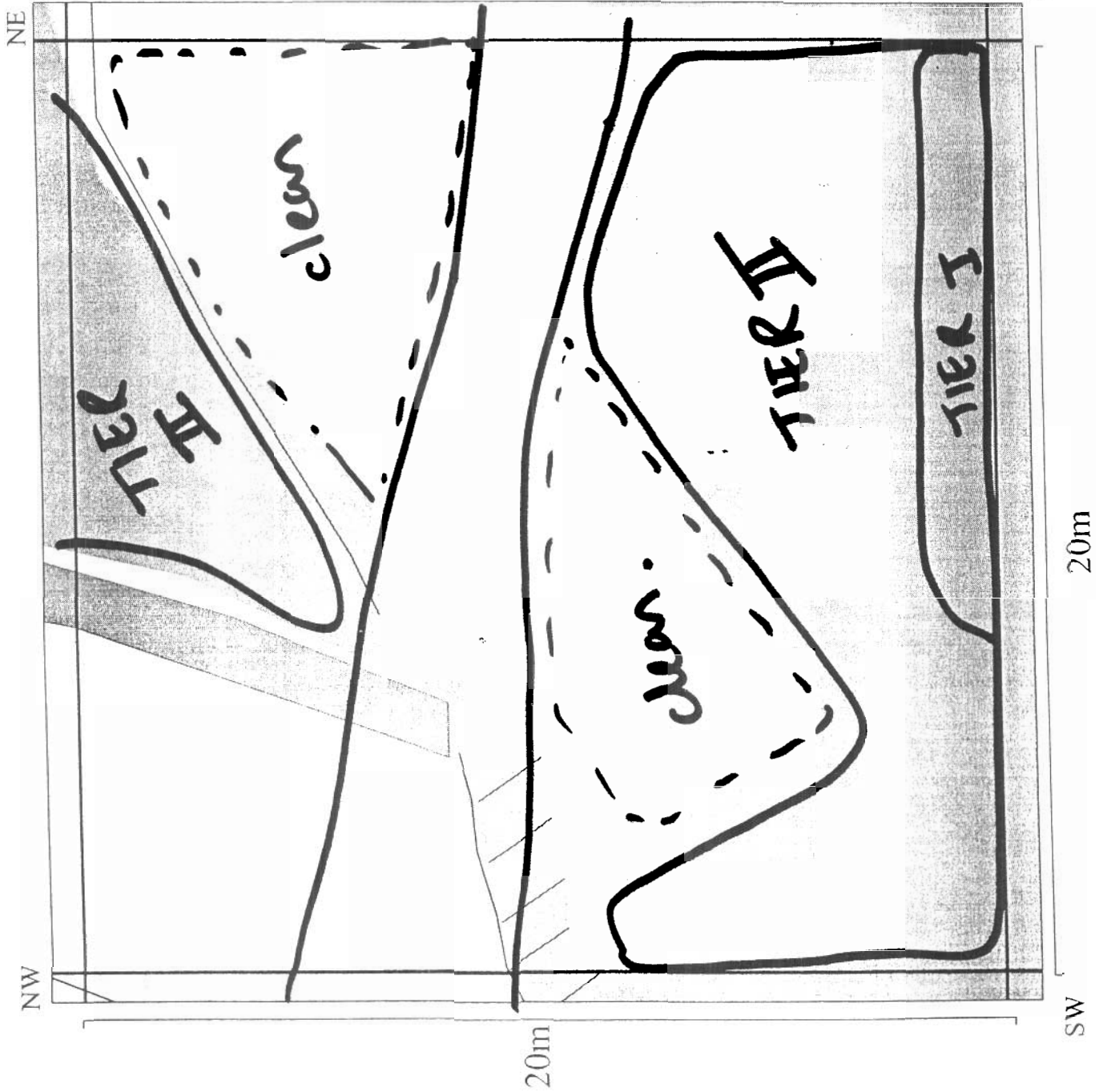
MTB
Engineer Representative

Date

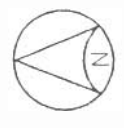
02/08/20MTB
QC Representative

Date

02/20/02



- 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



K15

DATE: Aug 16' 02.

COMMENTS:

Access road extended through the grid.

SE GRID cleared. All CEPA removed

DESCRIPTION OF QUADRANT / ADDITIONAL INFORMATION

Initial work started in 2001 season.

EXCAVATION LOG

Date	Type*	Location	Material #	Depth	Comments
Aug 11-13/01	H	CEPA area below Tropo dish A.	CEPA	30cm	Soil was excavated to bedrock (almost)
Aug 15-16/01	H	As above	CEPA	30cm	" "
Aug 25/01	H	CEPA area	CEPA	Bedrock	scraped
SEE PAGE (2) for 2002 excavation log.					

* H Heavy Equipment, M Manual, V Vacuum

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

ANALYSIS LOG:

Date	Sample [△]	Type [◇]	Results (ppm)	Comments
Aug 13/01	163	S	42 ppm	Composite samples taken after 30cm of soil was excavated.
	168	S	118; 119	
Aug 16/01	170	S	73	CEPA still - Need vacuum.
	171	S	13	TIER II this area now OK
Aug 25/01	217	S	202	Vacuuming now required here.
SEE PAGE (2) for 2002 excavation log.				

△ Prefix RI01-

◇ S Soil, W Wood, M Metal, O Other

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

<u>A. Kutter</u> Queen's Representative	<u>8 Aug 02</u> Date	<u>[Signature]</u> Engineer Representative	<u>Aug 11, 2002</u> Date
<u>[Signature]</u> QC Representative	<u>Aug 17/02</u> Date		

DESCRIPTION OF QUADRANT / ADDITIONAL INFORMATION

2002 Work

EXCAVATION LOG

Date	Type*	Location	Material #	Depth	Comments
23 July 02	H	Ridge on South edge of grid	ROCKS on CEPA	/	Removing rocks to access the CEPA underneath.
23/24 July 02	V	SW section of grid	CEPA	/	Removing CEPA then dumpfill added to allow further entry.
25 July 02	H	Ridge on SE edge of grid	ROCKS on CEPA	/	Removing rocks to access the CEPA underneath.
26 July 02	H	" " "	"	/	Removing rocks to access the CEPA.
27-28 July 02	H/M	Circle / manual removal of rock to prep for vacuuming.	small rocks / CEPA	/	Vacuuming ridge.

* H Heavy Equipment, M Manual, V Vacuum

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

ANALYSIS LOG:

Date	Sample [△]	Type [◇]	Results (ppm)	Comments
19 July 02	RI02-005	S	38.4, 45.4	Area was excavated at end of 2001. TESTED as TIER II at start of 2002.
25 July 02	RI02-021	S	93.5	First composite in area under rocks on rock ledges (extends into K17)
25 July 02	RI02-020	S	51.4	In S part of grid. Middle third. composite taken on rock ridge, when rocks removed.
26 July 02	RI02-023	S	67.2	On ledges under main ridge, towards 2000
26 July 02	RI02-024	S	100.9	On ledges under main ridge, towards K15.
28 July 02	RI02-035	S	21.6 ppm	Bottom right hand section of the grid.

△ Prefix RI01-

◇ S Soil, W Wood, M Metal, O Other

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

<u>A. Rutter</u>	<u>8 Aug 02</u>	<u>[Signature]</u>	<u>Aug 11, 2002</u>
Queen's Representative	Date	Engineer Representative	Date
<u>[Signature]</u>	<u>Reg 10/02</u>		
QC Representative	Date		

DESCRIPTION OF QUADRANT / ADDITIONAL INFORMATION

Initial work started in 2001 season

EXCAVATION LOG

Date	Type*	Location	Material #	Depth	Comments
July 27/01	H	Behind Trepodish A	CEPA	—	Building a road on Cipe
July 28/01		(near S1)			ground to get to the 22000 ppm
Aug 8/01	H	CEPA area in this	CEPA	—	area in S1
Aug 9/01		quadrant			Rocks & boulders are being
see page ③ for 2002 excavation log					moved to L16 to smooth
					out the drop-off. (necessary
					to gain access in the S1/S4

* H Heavy Equipment, M Manual, V Vacuum

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

ANALYSIS LOG:

Date	Sample [△]	Type [◇]	Results (ppm)	Comments
Aug 10/01	167	S	167.7	- Composite Samples.
	169	S	3.0	
Aug 13/01	164	S	18	"
	166	S	84	" will need vacuum vacuum.
Aug 24/01	226	S	2.1	- Area at top of beach. *Final check to
July 20/01 ¹²	005	S	38, 45	- excavated area does not need to be
				vacuumed
				*same movement of soil during spring
				run off was scheduled to be vacuumed
				at beginning of season but this
				is no longer necessary
see page ③ for 2002 analysis log.				

△ Prefix RI01-

◇ S Soil, W Wood, M Metal, O Other

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

<u>A. Tuttle</u>	<u>8 Aug 12</u>	<u>[Signature]</u>	<u>Aug 12, 2002</u>
Queen's Representative	Date	Engineer Representative	Date
<u>[Signature]</u>	<u>Aug 12/02</u>		
QC Representative	Date		

Initial work started in 2002.

[illegible]

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

[illegible]

◇ S Soil, W Wood, M Metal, O Other

CERTIFICATION THAT ALL SOIL CONTAINING > 50 PPM PCBs IS REMOVED FROM QUADRANT 1

Queen's Representative

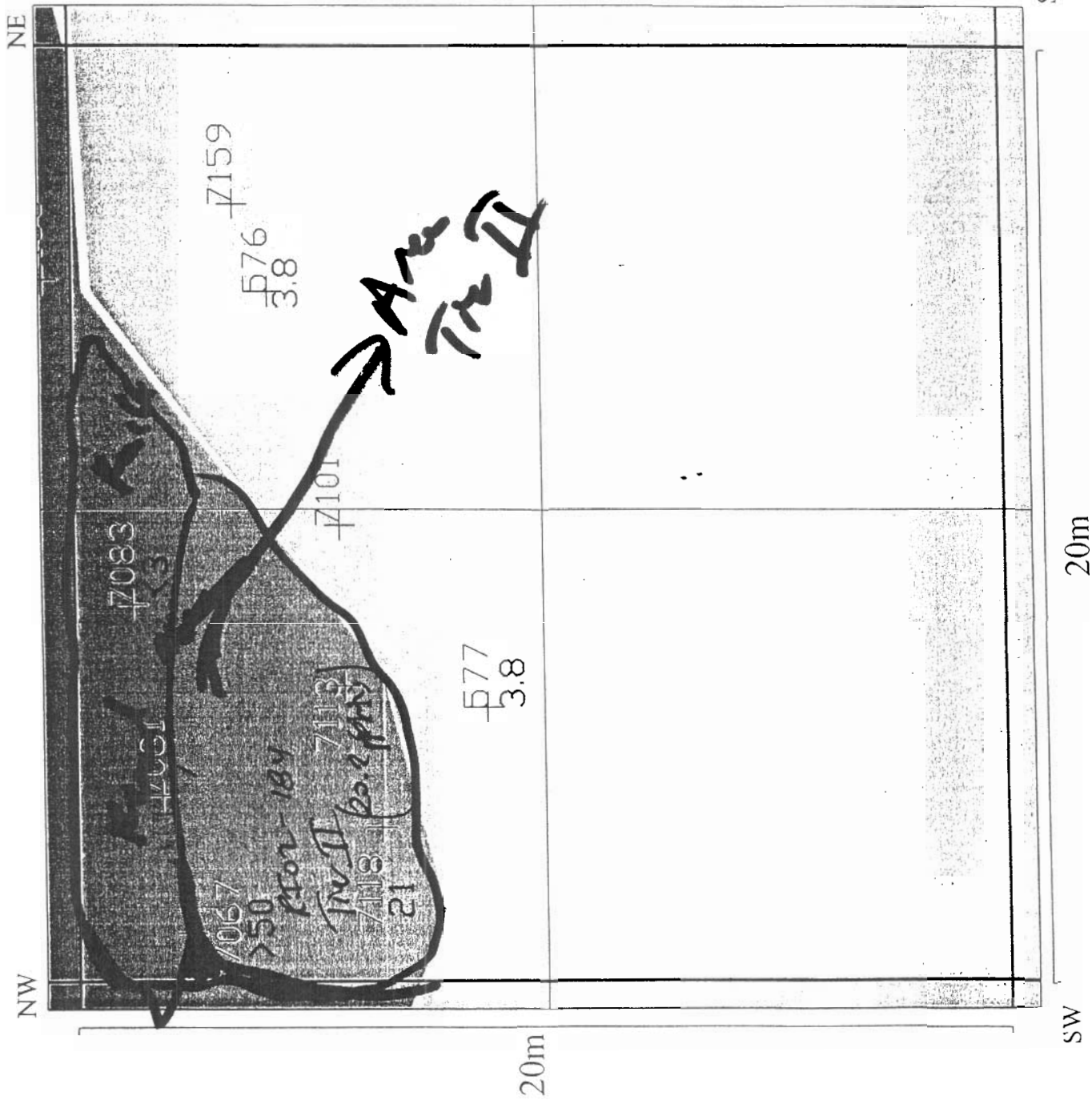
8 Aug 02
X Date


Engineer Representative

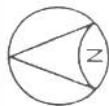
Aug 14th, 2002
Date

OC Representative

Date



Black	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



L14

DATE: 31st July '02

COMMENTS:

-Tiv II Composite

Sample

grid completed

SE

20m

SW

DESCRIPTION OF QUADRANT / ADDITIONAL INFORMATION

Initial work started 2002

EXCAVATION LOG

Date	Type*	Location	Material #	Depth	Comments
27 July	H	ridge below	CEPA	0-30	
28 July	H	scraped proposed road			
		ridge below			
31 July	H	scraping		0-30	
1 Aug	H	more scraping			

* H Heavy Equipment, M Manual, V Vacuum

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

ANALYSIS LOG:

Date	Sample [△]	Type [◇]	Results (ppm)	Comments
27 July 02	026	S	17.0	composite extends to L16 below road
27 July 02	027	S	18.7, 3.3	composite
28 July 02	036		31, 42	Tier II
31 July 02	043		109	CEPA need to remove more soil
1 Aug 02	045		3.6	Tier I!

△ Prefix RI02-

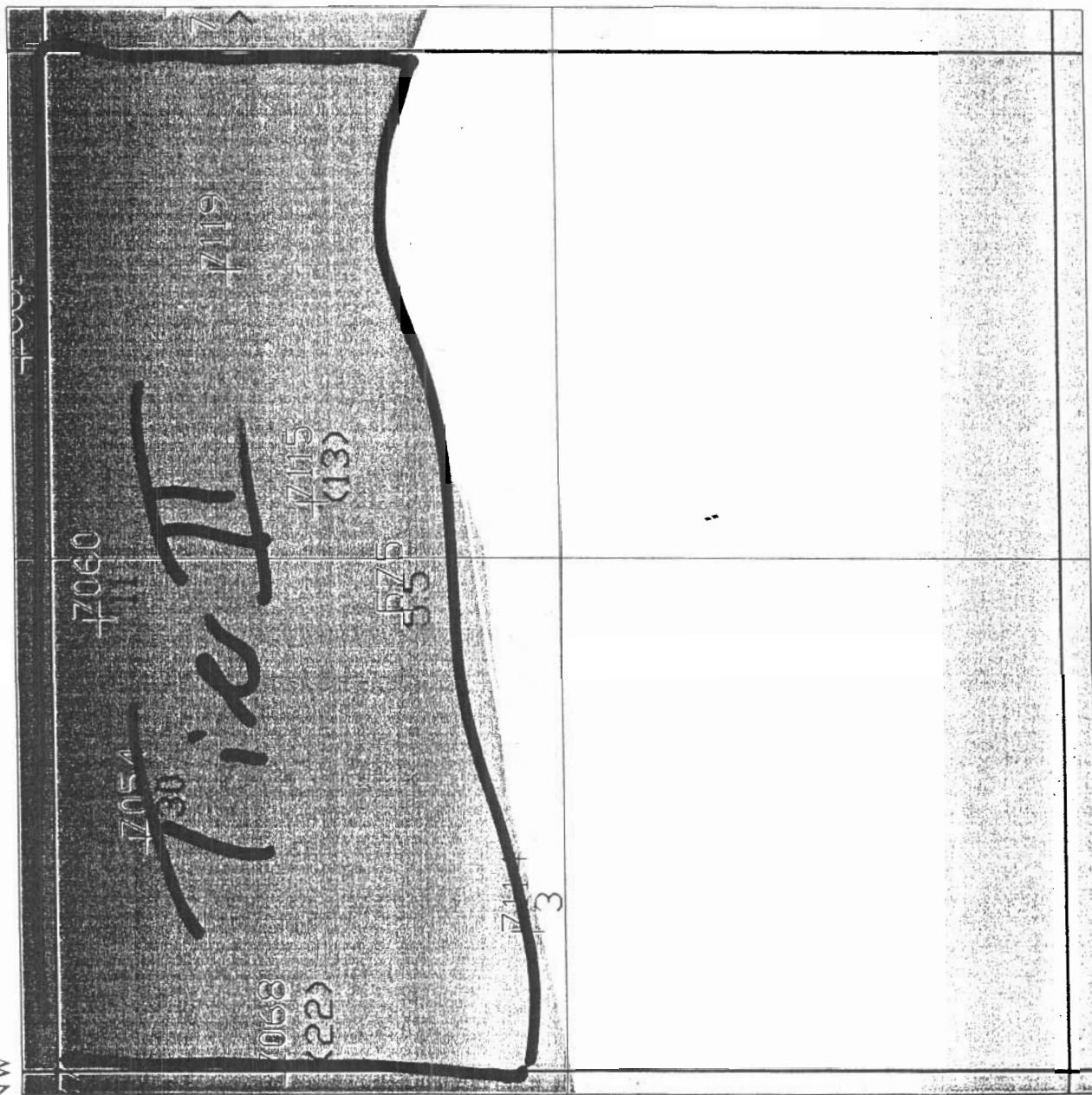
◇ S Soil, W Wood, M Metal, O Other

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

<u>A. Rutter</u>	<u>8 Aug 02</u>	<u>[Signature]</u>	<u>Aug 11, 2002</u>
Queen's Representative	Date	Engineer Representative	Date
<u>[Signature]</u>	<u>Aug 12/02</u>		
QC Representative	Date		

NW

NE



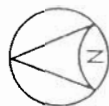
20m

SW

20m

SE

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



L15

DATE: Aug 4 '02

COMMENTS:

Resampling with

scrapping ~~the~~ and is

new Tier II

-- grid completed

DESCRIPTION OF QUADRANT / ADDITIONAL INFORMATION

2002 Work

EXCAVATION LOG

Date	Type*	Location	Material #	Depth	Comments
25 July 02	H	W side of CEPA in the grd.	CEPA	CEPA pile + 1 extra ft to bedrock.	area scraped.
28 July 02	H	NE corner	CEPA		area scraped

* H Heavy Equipment, M Manual, V Vacuum

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

ANALYSIS LOG:

Date	Sample [△]	Type [◇]	Results (ppm)	Comments
26 July 02	RI02-182	S	12.6	-composite (extends to L17)
26 July 02	RI02-183	S	5.0	-composite (extends to K16)
27 July 02	RI02-026	S	17.0	-composite (extends to L15)
28 July 02	RI02-035	S	21.6 ppm	composite in NE corner of grd. Sample extends into K16

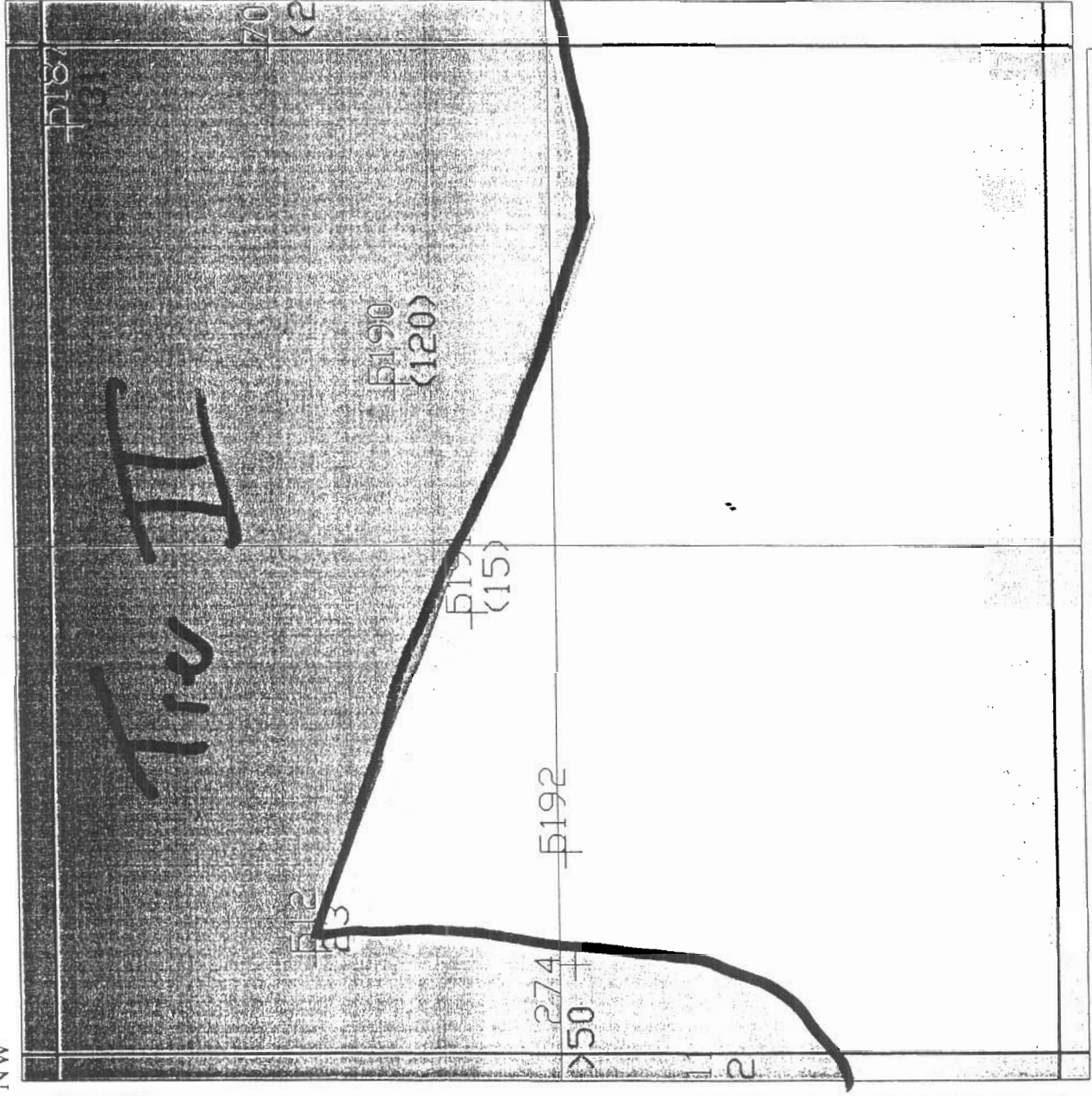
△ Prefix RI01-

◇ S Soil, W Wood, M Metal, O Other

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

<u>A. Nutter</u> Queen's Representative	<u>8 Aug 02</u> Date	<u>[Signature]</u> Engineer Representative	<u>Aug 11, 2002</u> Date
<u>[Signature]</u> QC Representative	<u>Aug 12/02</u> Date		

NW NE



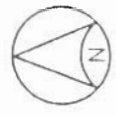
20m

SW

20m

SE

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



L16

DATE: Aug. 2 '02

COMMENTS:
All areas
Tier II has been
confirmed for CEPA
areas.