

QUADRANT NUMBER J12PAGE 3 of 3
3 of 3 a. R

DESCRIPTION OF QUADRANT / ADDITIONAL INFORMATION

2002 work.

EXCAVATION LOG

Date	Type*	Location	Material #	Depth	Comments
23 Aug 02	H	Top left section of grid	CEPA	3m - below road	scraped back
24 Aug 02	V	Top middle left CEPA sheet was vacuumed down lower ridge remains still	CEPA	—	—
25 Aug 02	V	CEPA area in center of grid.	CEPA	—	—
25 Aug 02	H	top left corner on road. scraped back 1m of	CEPA	1 meter	scraped back 1m of road

* H Heavy Equipment, M Manual, V Vacuum ^{tested to} # >2000 ppm, CEPA, Tier II, Tier I.
~~the NW~~

ANALYSIS LOG:

Date	Sample ^Δ	Type [◇]	Results (ppm)	Comments
23 Aug 02	062	S	291	Etched into J13. Taken along edge of the road on same slope.
23 Aug 02	059	S	234	Adjacent to R102-062. Taken on the side of the road in the extent of the scraping.
	060	S	3.4 a. R.	
25 Aug 02	063	S	rescaped	along edge of road on slope - continuation of 062+059.
	072	S	54.4 a. R.	
25 Aug 02	069	S	71.2	face of hill below road, extends into J13
"	068	S	61.0	ledge below road
"	071	S	24.8 27.7	" " " up to ^{second} first rock with yellow paint on far side of road
"	070	S	69 24.8	face of hill below road
"	073	S	15* 231.9	road up to pipe that extends below road.

Δ Prefix R102

◇ S Soil, W Wood, M Metal, O Other

* high efficiency

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

Allison Rutter 3 Aug 03
Queen's Representative (Date)[Signature] Aug 3, 2003
Engineer Representative (Date)[Signature] Aug 3/03
QC Representative (Date)

DESCRIPTION OF QUADRANT / ADDITIONAL INFORMATION

2003 Work

EXCAVATION LOG

Date	Type*	Location	Material #	Depth	Comments
1 July 2003	H	Margin of CEPA area 5' clean area	CEPA	0-30cm	3m wide
14-21st July 2003	V	FAR RIGHT SIDE EDGE of GRID	CEPA	Bedrock	200ppm area vacuumed

* H Heavy Equipment, M Manual, V Vacuum

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

ANALYSIS LOG:

Date	Sample [△]	Type [◇]	Results (ppm)	Comments
28 June 2003	003	S	150	Margin of clean area sampled
1 July 2003	020	S	200	Margin of scraped area sampled
				ALL CEPA REMOVED.

△ Prefix RI03-

◇ S Soil, W Wood, M Metal, O Other

CERTIFICATION THAT ALL SOIL CONTAINING > 50 PPM PCBs IS REMOVED FROM
QUADRANTAllison Rutter 31 Aug 03
Queen's Representative Date[Signature] Aug 3, 2003
Engineer Representative Date[Signature] Aug 3/03
QC Representative Date

a. 12.

DESCRIPTION OF QUADRANT / ADDITIONAL INFORMATION

2002 Work

EXCAVATION LOG

Date	Type*	Location	Material #	Depth	Comments
13 Aug '02	H	Lower Left Corner	CEPA	1-2 feet	Scraped upto 2000 area.
14 Aug '02	H	2000 area	>2000	1-1.5 feet	2000 road scraped & sloped gravel.
18 Aug '02	✓	Center lower Upper left CEPA area	CEPA	bedrock	Current access the tunnel section from this area. No more work.
19 Aug '02	H	Intersection of sample R102-144 -144	CEPA	1 foot - bedrock	Took small portion of road & some more soil from high CEPA area.
22 Aug '02	H	in location of Sample R102-144	CEPA	1 foot - bedrock	2 feet - 1 m. back from high CEPA area
23 Aug '02	H	Top right hand section of road	CEPA	1 foot - bedrock	bedrock reached at ~ 1 foot.

* H Heavy Equipment, M Manual, V Vacuum

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

ANALYSIS LOG:

Date	Sample ^Δ	Type [◇]	Results (ppm)	Comments
13 Aug '02	170	S	37.2	Scraped and then sampled
14 Aug '02	174	S	65.1	2000 area sloped scraped then sampled
15 Aug '02	132	S	18.2	2000 area on road after 1 foot taken off
17 Aug '02	133	S	5.29	Hole dug to bedrock (1 foot) on 2000 road
17 Aug '02	168	S	4.1	Hole dug to bedrock (2 feet) on 2000 road
17 Aug '02	144	S	472.9	2000 area below road
17 Aug '02	143	S	254.42	2000 area below below R102-144
17 Aug '02	142	S	36.43	Area below and just right of 2000 area.
19 Aug '02	154	S	78.97	scraped area (found loc of R102-144). Sample taken on the face.
14 Aug '02	150	S	92.40	scraped area just below the face.
22 Aug '02	106	S	43.01	scraped area just below the face
22 Aug '02	107	S	33.62	scraped area on face of ledge
23 Aug '02	065	S	6.46	Top right hand section of road

Δ Prefix R102-

◇ S Soil, W Wood, M Metal, O Other

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

<u>Alvin Kutt</u>	<u>3 Aug 03</u>	<u>Aug 3, 2003</u>
Queen's Representative	Date	Engineer Representative
<u>[Signature]</u>	<u>Aug 3/03</u>	
QC Representative	Date	

a. 1/2

DESCRIPTION OF QUADRANT / ADDITIONAL INFORMATION

2002 work.

EXCAVATION LOG

Date	Type*	Location	Material #	Depth	Comments
24 Aug 02	✓	small cepa area just under road	CEPA	—	completely removed.
25 Aug 02	H	area below road east of vacuumed area	CEPA	1 meter	area extends into J12

* H Heavy Equipment, M Manual, V Vacuum

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

ANALYSIS LOG:

Date	Sample [△]	Type [◇]	Results (ppm)	Comments
23 Aug 02	062	S	291	soil from side of road, lot of soil on slope down from road.
25 Aug 02	069	S	71	sample extends into J12 + is on face below road.

△ Prefix RI01-

◇ S Soil, W Wood, M Metal, O Other

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

Allison Rutter 3 Aug 03
 Queen's Representative Date

[Signature]
 Engineer Representative

Aug 3, 2003
 Date

[Signature] Aug 3/03
 QC Representative Date

EXCAVATION LOG

Date	Type*	Location	Material #	Depth	Comments
July 25/01	H	Cliff near trapodish (adjacent to the road).	CEPA Area		Rocks + Boulders were moved from cliff in the past 2 days (July 22-24) to pit dug.
July 26/01	H	cliff S of Trapo dish	Tier II	1 m	

* H Heavy Equipment, M Manual, V Vacuum

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

ANALYSIS LOG:

Date	Sample [△]	Type [◇]	Results (ppm)	Comments
July 25/01	019	S	3.23	Composite Sample
	018	S	5.40	"
	058	S	1.58	"
				019 ⇒ TIER I
				018 ⇒ TIER II
				058 ⇒ TIER I
July 26/01	054	S	34	To confirm area is Tier II

△ Prefix RI01-

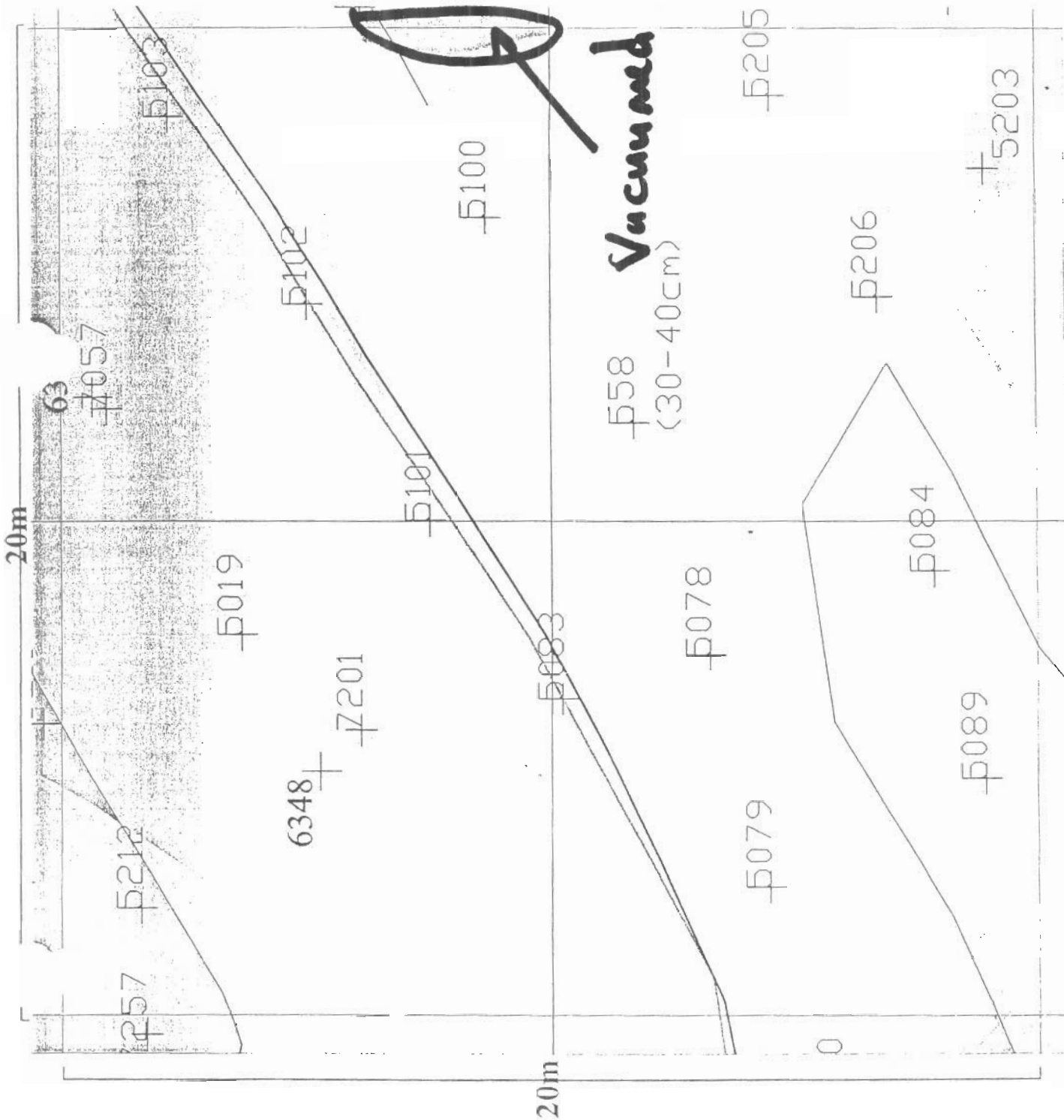
◇ S Soil, W Wood, M Metal, O Other

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

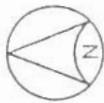
<u>Allison Putter</u>	<u>3 Aug 03</u>	<u>[Signature]</u>	<u>Aug 3, 2003</u>
Queen's Representative	Date	Engineer Representative	Date
<u>[Signature]</u>	<u>Aug 2/03</u>		
QC Representative	Date		

NE

20m



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	



J13

DATE: 14-21st July

COMMENTS:

Vacuuming was carried
out periodically over the
dates shown above.

SE

SW

DESCRIPTION OF QUADRANT / ADDITIONAL INFORMATION

2003 Work.

EXCAVATION LOG

Date	Type*	Location	Material #	Depth	Comments
2 July 2003	H	Ledge @ bottom of L17	CEPA	0-30cm	Scraped to bedrock mostly
3 " "	H	" " "	"		Must be vacuummed; but
					scraped a little more in west bottom corner
22-23 July 2003	V	Ledge @ bottom of L17	CEPA	-	All soil removed. Area v. clean

* H Heavy Equipment, M Manual, V Vacuum

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

ANALYSIS LOG:

Date	Sample [△]	Type [◇]	Results (ppm)	Comments
2 July 2003	061	S	< 150 ppm	Area has been scraped to bedrock on ledge (except west bottom corner)
3 July 2003	060	S	19 ppm	Newly scraped west bottom corner to bedrock
	060D	S		Sample area extends into L18
				ALL CEPA REMOVED

△ Prefix RI03-

◇ S Soil, W Wood, M Metal, O Other

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

<u>William Rutter</u>	<u>3 Aug 03</u>	<u>[Signature]</u>	<u>Aug 5, 2003</u>
Queen's Representative	Date	Engineer Representative	Date
<u>[Signature]</u>	<u>Aug 3/03</u>		
QC Representative	Date		

QUADRANT NUMBER L17PAGE 1 of 2
3-6-3 a.p.

DESCRIPTION OF QUADRANT / ADDITIONAL INFORMATION

Initial excavation started in 2001

EXCAVATION LOG

Date	Type*	Location	Material #	Depth	Comments
08 Aug 01	H	To runway down the grid.	large boulders	✓	Moved to L16 (TIER I area).
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 ^Δ	Type [◇]	Results (ppm)	Comments
Aug 10, 01	RI01-167	S	168 ppm.	composite extends into K17.
Aug 10, 01	RI01-169	S	3 ppm	Composite extends into K17; K18; L18.
Aug 18, 01	RI01-153	S	20	All results by test kit surface disturbed from equipment movement / re-test area.
	RI01-155	S	>50	
	RI01-156	S	>50	
	RI01-157	S	9 ppm	
	R			...
See Page (2) for 2002 ^{analysis.} excavation log.				

Δ Prefix RI01-

◇ S Soil, W Wood, M Metal, O Other

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

<u>Allison Rutter</u>	<u>3 Aug 03</u>	<u>[Signature]</u>	<u>Aug 3, 2003</u>
Queen's Representative	Date	Engineer Representative	Date
<u>[Signature]</u>	<u>Aug 8/03</u>		
QC Representative	Date		

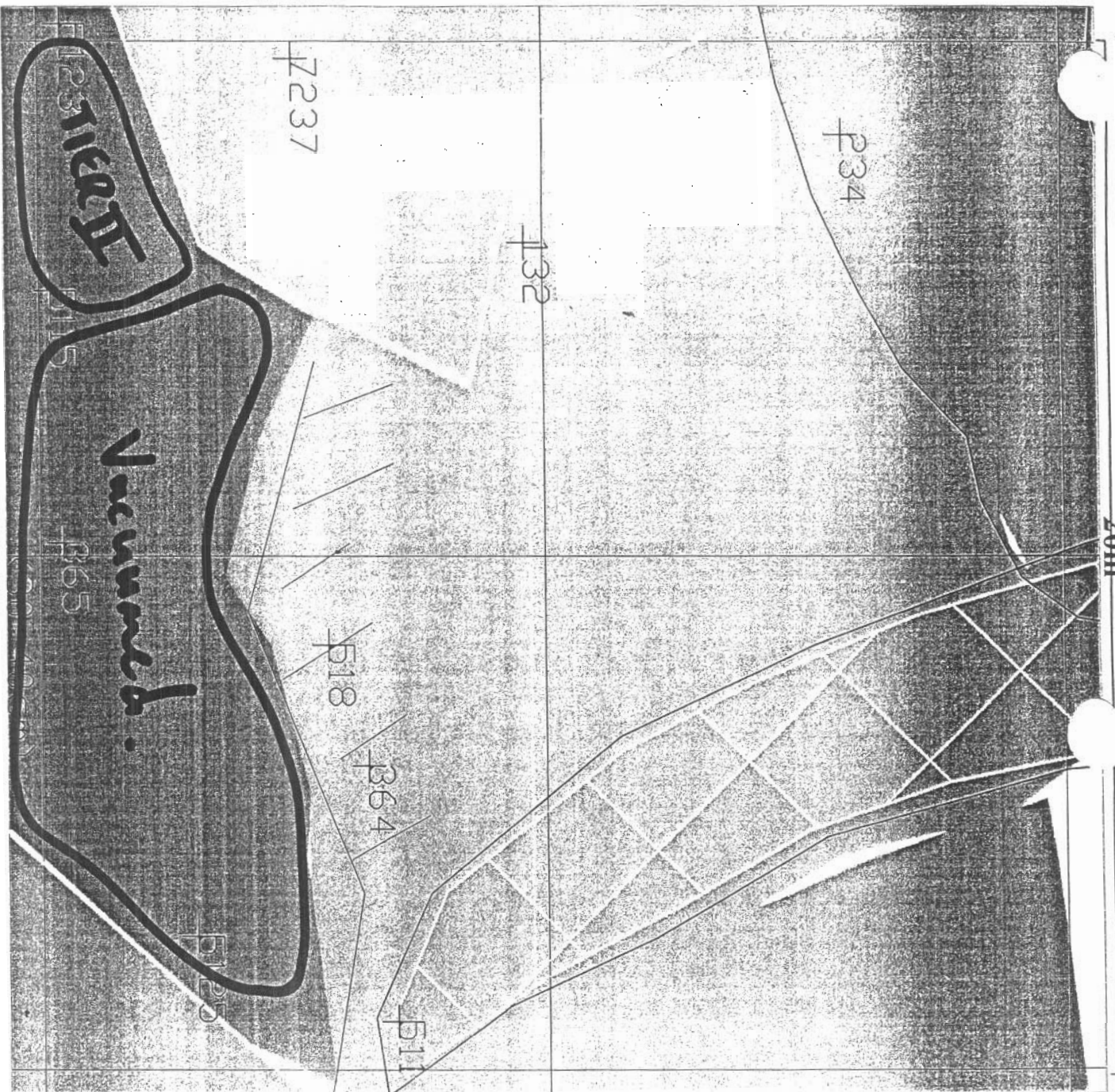
NW

20m

NE

20m

SW



Block	Tag or (SN) Sample Number
Blank	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	



L17

DATE: Finished 23 July 03

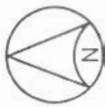
COMMENTS:

Road shoulders completely clear
 Area work was ended by several
 days of dry, warm weather.

SE

NW 20m NE

	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
--	---



L18

DATE: 3 July 2003

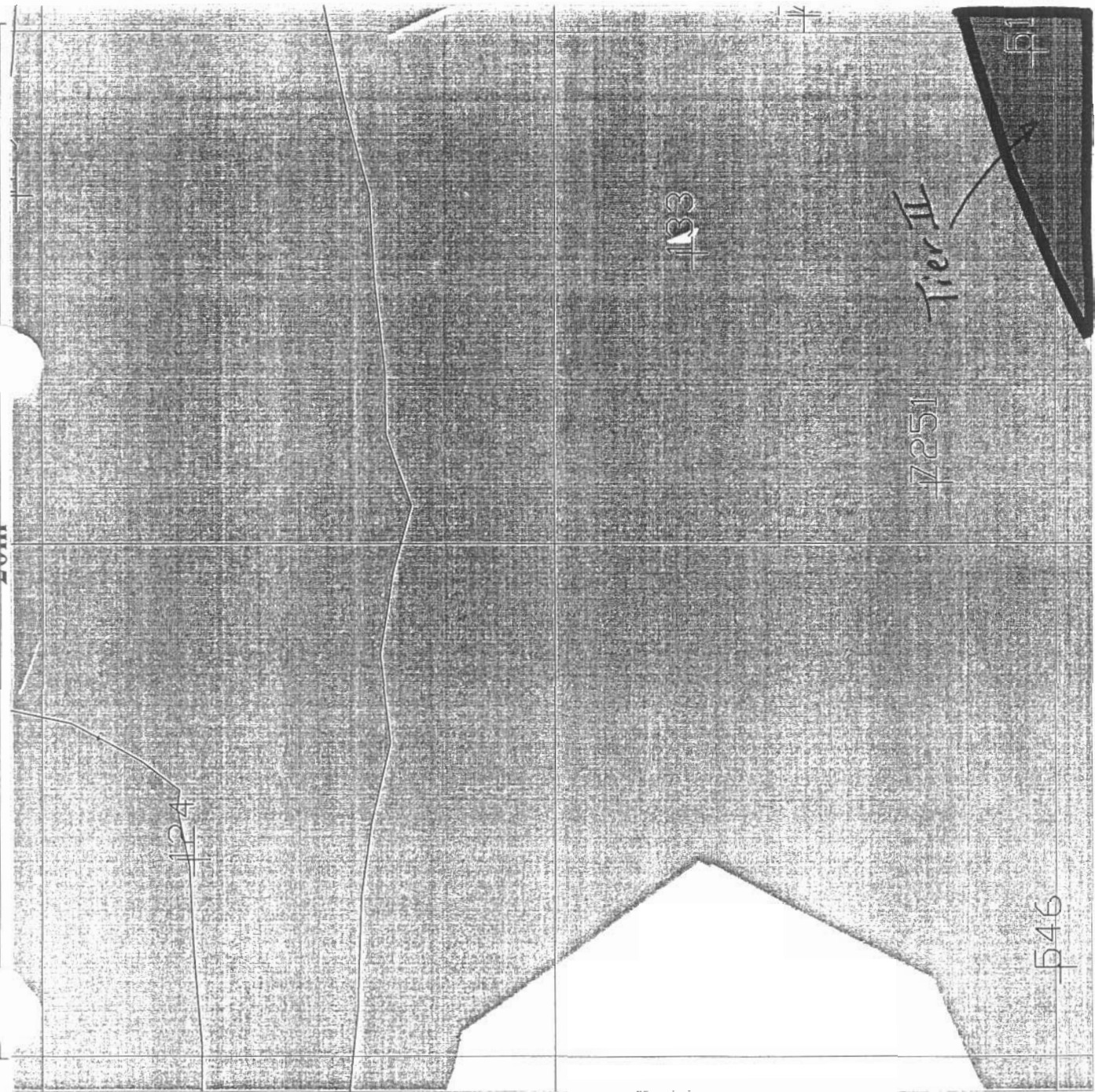
COMMENTS:

Mostly rocky area.
Tier II. No further
excavation.

SE

20m

SW



DESCRIPTION OF QUADRANT / ADDITIONAL INFORMATION

EXCAVATION LOG

Date	Type*	Location	Material #	Depth	Comments
1 July 2003	H	Bottom west corner M17	CEPA	0-30cm	Area scraped from 0-30cm. Soil stored as pile in M18.
2 July 2003	H	Top of M17	CEPA	—	Boulders/soil displaced for creation of access to L17 Boulders removed to M16.
3 July 2003	H	Top west corner of M17	CEPA	30-60cm	Hit bedrock.

* H Heavy Equipment, M Manual, V Vacuum

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

ANALYSIS LOG:

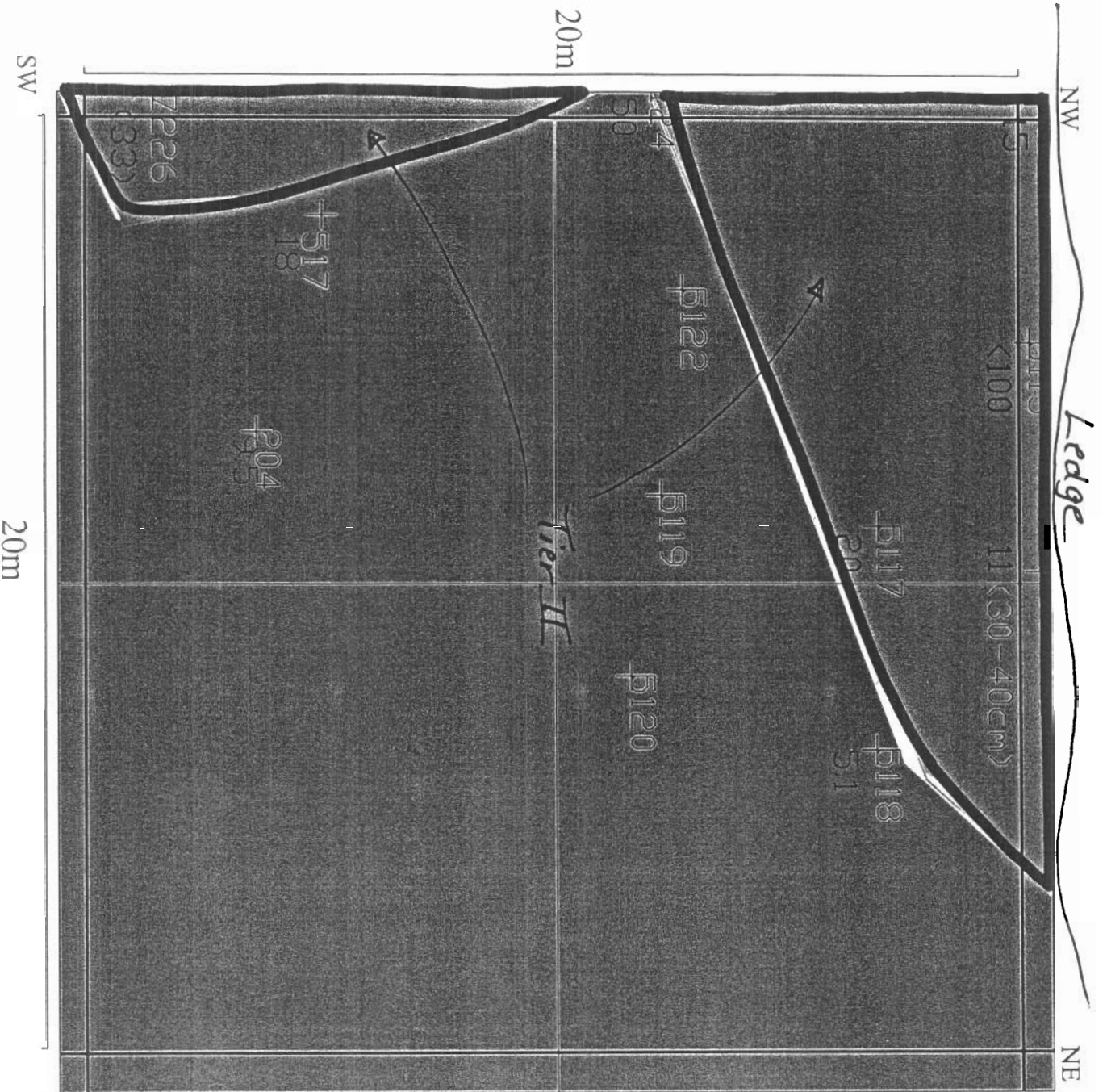
Date	Sample [△]	Type [◇]	Results (ppm)	Comments
1 July 2003	029	S	39	Sample area extends into M18.
2 July 2003	062	S	35	Area below ledge after scraping 0-30cm
2 July 2003	063	S	59	Area below ledge after scraping 0-30cm
3 July 2003	058	S	34	Area below ledge after scraping 30-60cm
3 July 2003	059	S	45	Area below ledge after scraping 30-60cm
				ALL CEPA REMOVED.

△ Prefix RI03-

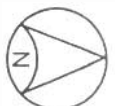
◇ S Soil, W Wood, M Metal, O Other

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

<u>Allison Rutter</u>	<u>3 Aug 03</u>	<u>[Signature]</u>	<u>Aug 3, 2003</u>
Queen's Representative	Date	Engineer Representative	Date
<u>[Signature]</u>	<u>Aug 03/03</u>		
QC Representative	Date		



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



M17

DATE: 3 July 2003

COMMENTS:

No further excavation required. Tier II