

DESCRIPTION OF QUADRANT / ADDITIONAL INFORMATION

EXCAVATION LOG

Date	Type*	Location	Material #	Depth	Comments
2 July 2003	H	Top 2/3 M18 in CEPA area	CEPA	—	Boulders/soil being displaced for creation of access to 47.
					Boulder removal as well.
3 July 2003	H	North east corner of M18 scraped from 30-60cm	CEPA	30-60cm	
4 July 2003	H	Bottom half of M18	CEPA	0-30cm	Boulders moved to bottom east

* H Heavy Equipment, M Manual, V Vacuum

>2000 ppm, CEPA, Tier II, Tier I. edge of M18 Area scraped to bedrock.

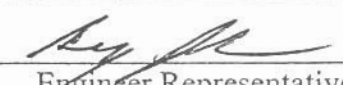
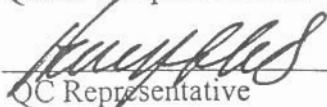
ANALYSIS LOG:

Date	Sample [△]	Type [◇]	Results (ppm)	Comments
3 July 2003	051	S	2.2	Sample taken from flat ledge below pipes scraped to bedrock
3 July 2003	052	S	23	Sample taken from scraped slope
3 July 2003	053	S	24	" " " " "
4 July 2003	055	S	16	Sample area scraped to bedrock
4 July 2003	056	S	17	" " " "
	056 Dep.	S	15	" " " "
				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

	3 Aug 03		Aug 3, 2003
Queen's Representative	Date	Engineer Representative	Date
	Aug 8/03		
QC Representative	Date		

Date	Type*	Location	Material #	Depth	Comments
1 July 2003	H	Top right hand ⁴ / ₅ bottom of M18	CEPA	0-30cm	Top right hand corner very steep.
					Soil left in pile in N19 temporarily
1 July 2003	H	middle of M18	CEPA		Pad of soil left in the middle of M18 (on slope) to allow access for machine. Pad made from CEPA soil from N18, N19 + some clear

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

[illegible]

◇ S Soil, W Wood, M Metal, O Other





Queen's Representative Date Engineer Representative Date

QC Representative Date Aug 3, 2003 Date

DESCRIPTION OF QUADRANT / ADDITIONAL INFORMATION

RI 2003 Field Season

EXCAVATION LOG

Date	Type*	Location	Material #	Depth	Comments
04 July 03	H	Bottom strip of grid.	Thin layer CEPA	0-20cm	Thin layer of soil

* H Heavy Equipment, M Manual, V Vacuum

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

ANALYSIS LOG:

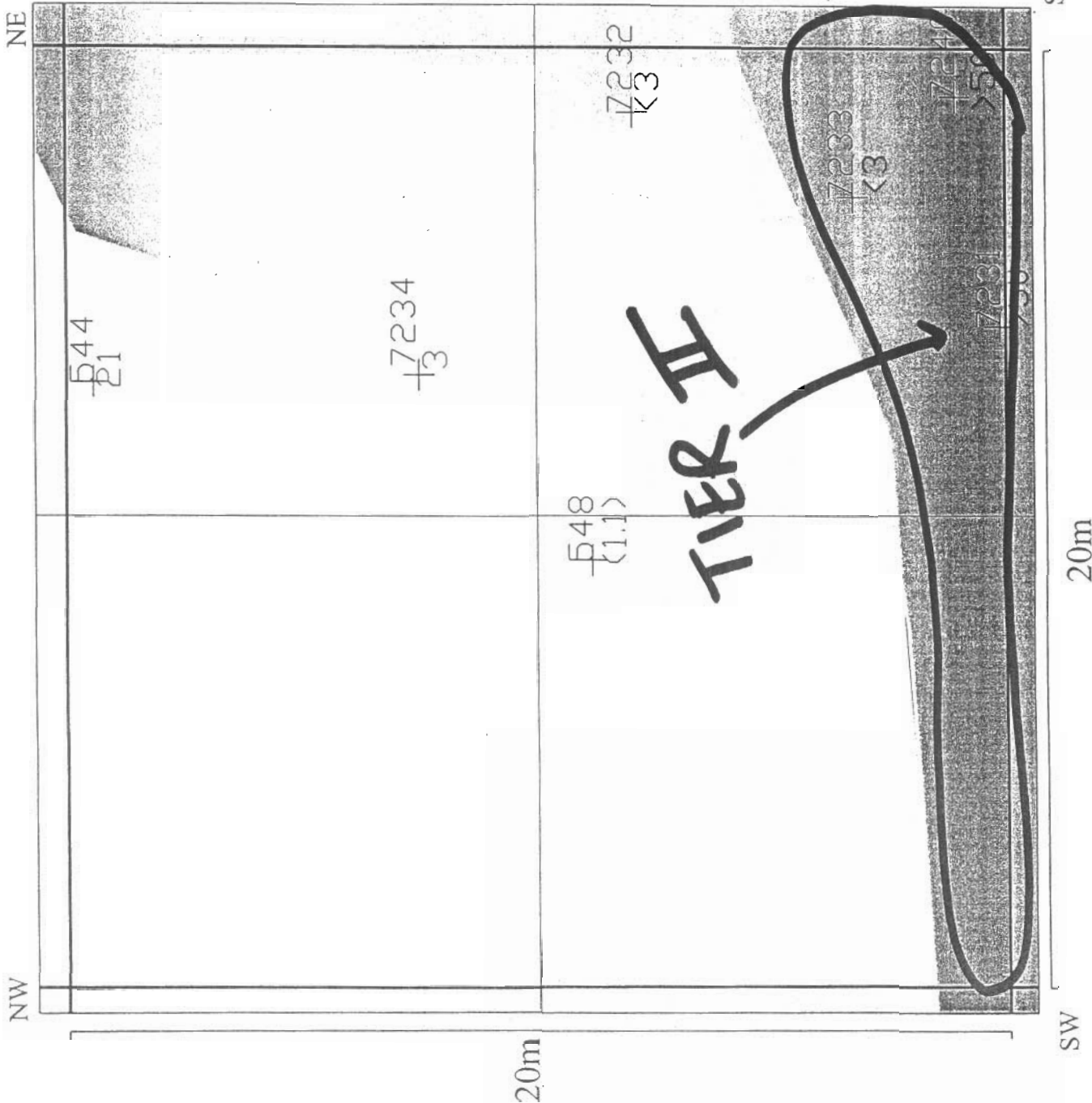
Date	Sample [△]	Type [◇]	Results (ppm)	Comments
26 July 03	119	CEPA	3.1; 7.2	Rocky area with little soil. The remaining soil in the area was low TIER II.
				ALL CEPA REMOVED FROM GRID

△ Prefix RI03-

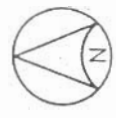
◇ S Soil, W Wood, M Metal, O Other

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 8/03</u>		
QC Representative	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



M19

DATE: 26 July 03.

COMMENTS:

All CEPA removed.

DESCRIPTION OF QUADRANT / ADDITIONAL INFORMATION

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EXCAVATION LOG

Date	Type*	Location	Material #	Depth	Comments
2 July 2003	—	Bottom east corner of M20	Rock	—	No excavation required. Rope on rock.

* H Heavy Equipment, M Manual, V Vacuum

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

ANALYSIS LOG:

Date	Sample [△]	Type [◇]	Results (ppm)	Comments
				NO CEPA IN GRID.

△ Prefix RI03-

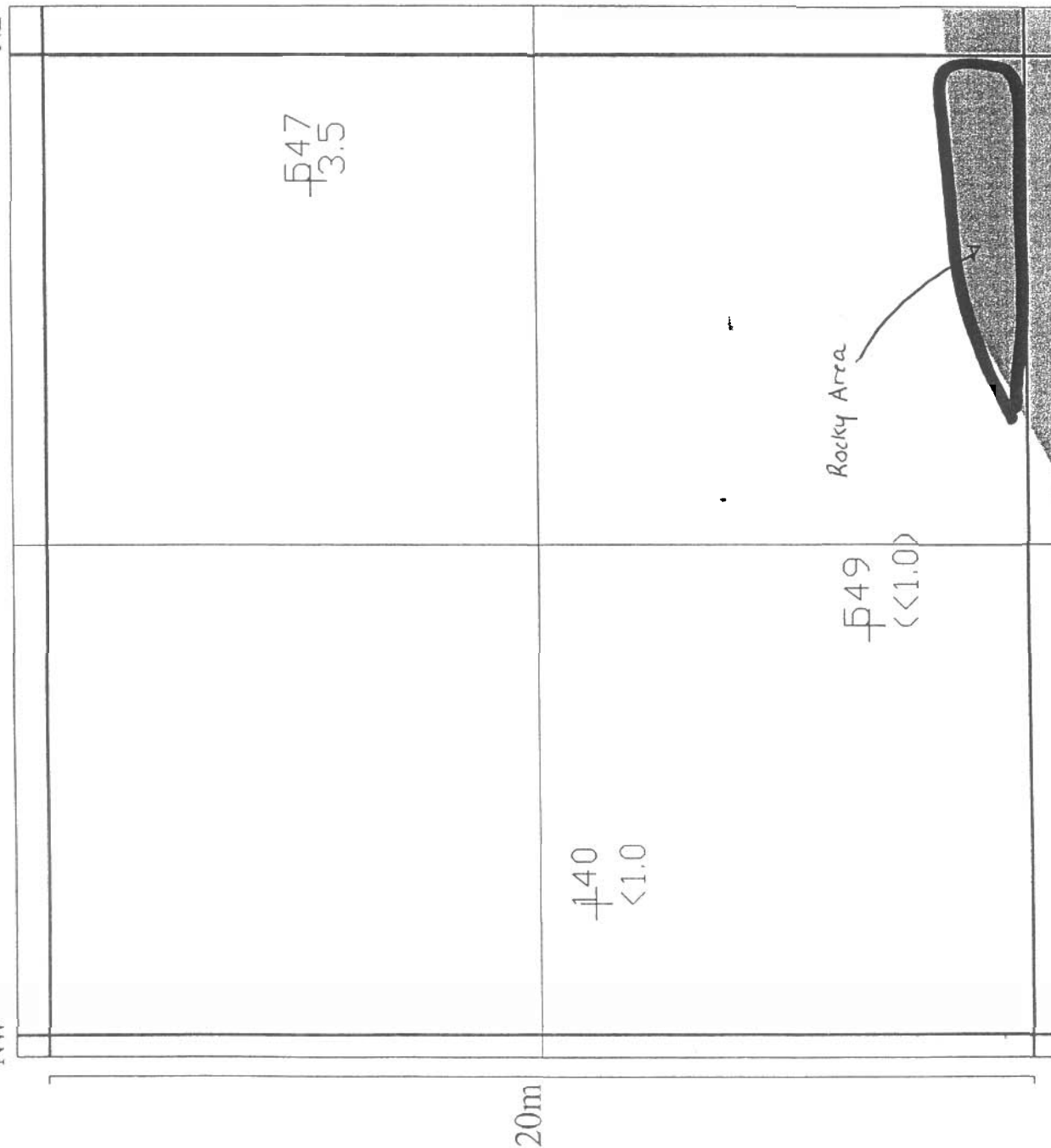
◇ S Soil, W Wood, M Metal, O Other

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

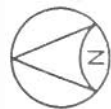
<u>Allison Rutter</u> Queen's Representative	<u>3 Aug 03</u> Date	<u>[Signature]</u> Engineer Representative	<u>Aug 3, 2003</u> Date
<u>[Signature]</u> QC Representative	<u>Aug 3/03</u> Date		

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



M20

DATE: 2 July 2003

COMMENTS:

No soil to be sampled
in this area is not CEPA

SE

20m

SW

2003 Field Season

Date	Type*	Location	Material #	Depth	Comments
30 June 2003	Tier II H	Scott's Road (Access Rd)	Tier II	30 cm	Rocks/gravel added to build up Scott's road
1 July 2003	(same as above)				
					Note: piles of snow removed to allow access for road;
					removed from CEPA portion of road
					Note: water being pumped out of

>2000 ppm, CEPA, Tier II, Tier I. pool in front of barrier, and pumped behind the barrier to allow for road-building

[illegible]

◇ S Soil, W Wood, M Metal, O Other

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

Queen's Representative Ellison Rutter Date 5 Aug 03

Ag. 3, 2003
Date

Queen's Representative _____ Date _____
OC Representative _____ Date _____

DESCRIPTION OF QUADRANT / ADDITIONAL INFORMATION

RI 2003 Field Season

EXCAVATION LOG

Date	Type*	Location	Material #	Depth	Comments
7 July 2003	H	Access Road N15	CEPA	0-30cm	Removal of 0-30cm of soil
					Very wet in west part of grid.
8 July 2003	H	Access Road N15	CEPA	0-30cm	Scraping of 0-30cm of soil
15 July 2003	H	Access Road N15	CEPA	0-30cm	Scraping 0-30cm edge of road.
					Area was v. wet.
15 July 2003	H	Lower left side (wet)	—	—	Generator + pump pumping water over the barrier.

* H Heavy Equipment, M Manual, V Vacuum

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

ANALYSIS LOG:

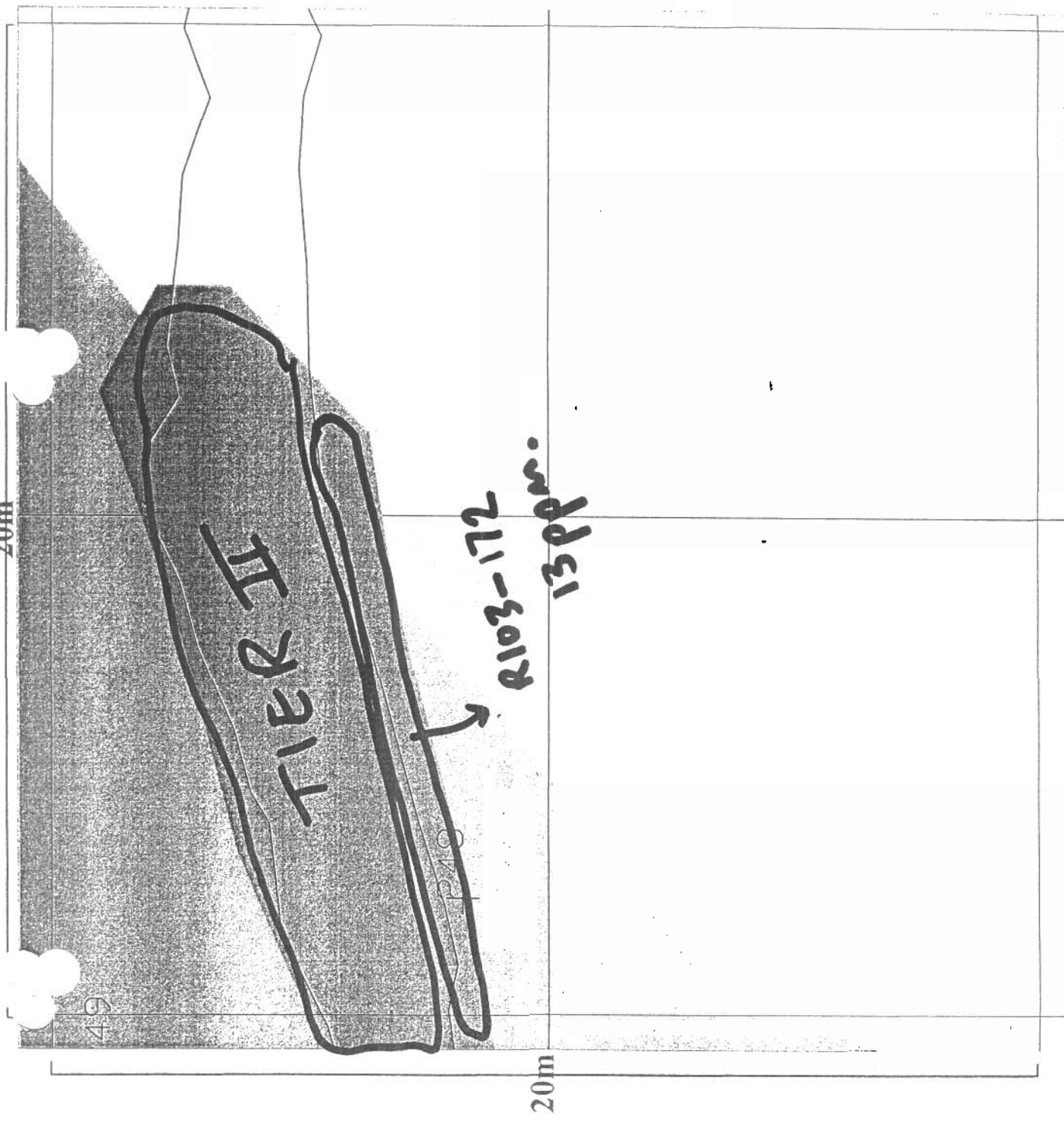
Date	Sample [△]	Type [◇]	Results (ppm)	Comments
7 July 2003	RI03-087	S	39	Sample on road. very wet.
8 July 2003	RI03-101	S	23	Sample on road.
8 July 2003	RI03-102	S	23	Sample on road.
	RI03-102	S	20	Sample on road.
15 July 2003	^{Duplicate} RI03-172	S	13	Edge of former CEPA area v. wet.
				All CEPA REMOVED

△ Prefix RI03-

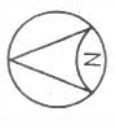
◇ S Soil, W Wood, M Metal, O Other

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 3/03</u>		
QC Representative	Date		



Blank	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



N15

DATE: 15 July 03

COMMENTS:

Area tested was submerged
in water. Samples were
taken using a shovel.

ALL CEPA
REMOVED FROM
GRID.

SE

SW

DESCRIPTION OF QUADRANT / ADDITIONAL INFORMATION

2003 Field Season.

EXCAVATION LOG

Date	Type*	Location	Material #	Depth	Comments
1 July 2003	H	Scott's Road (Access)	CEPA/Tier II		Road building to access larger CEPA area
					Note: pool in front of barrier being pumped into new ditch behind barrier along rocky hill in O16 & O17 and beyond.
7 July 2003	H	Scott's Road (Access Rd)	CEPA	0-30cm	Area scraped 0-30cm.
17 July 03	H	Edge of Scott's Road	CEPA	0-30cm	V. wet soil removed. (0-30cm)

* H Heavy Equipment, M Manual, V Vacuum

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

ANALYSIS LOG:

Date	Sample [△]	Type [◇]	Results (ppm)	Comments
7 July 2003	083	S	9.4	Linear composite sample taken along North edge of road.
7 July 2003	084	S	7.6	Sample taken on road. Very wet.
7 July 2003	085	S	24	Sample taken on road. Very wet.
7 July 2003	086	S	91	Linear composite sample taken along South edge of road.
15 July 2003	173	S	82	Sample taken along edge of road. Needs further excavation
15 July 2003	174	S	134	
				Sample taken along edge of road. Needs further excavation
17 July 2003	182	S	48	Edge of road after excavation
17 July 2003	183	S	38 ; 36	Edge of road after excavation
				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

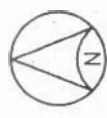
<u>Allison Rutter</u>	<u>3 Aug 03</u>	<u>[Signature]</u>	<u>Aug 3, 2003</u>
Queen's Representative	Date	Engineer Representative	Date
<u>[Signature]</u>	<u>Aug 3/03</u>		
QC Representative	Date		

N

20m

NW

Blank 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



N16

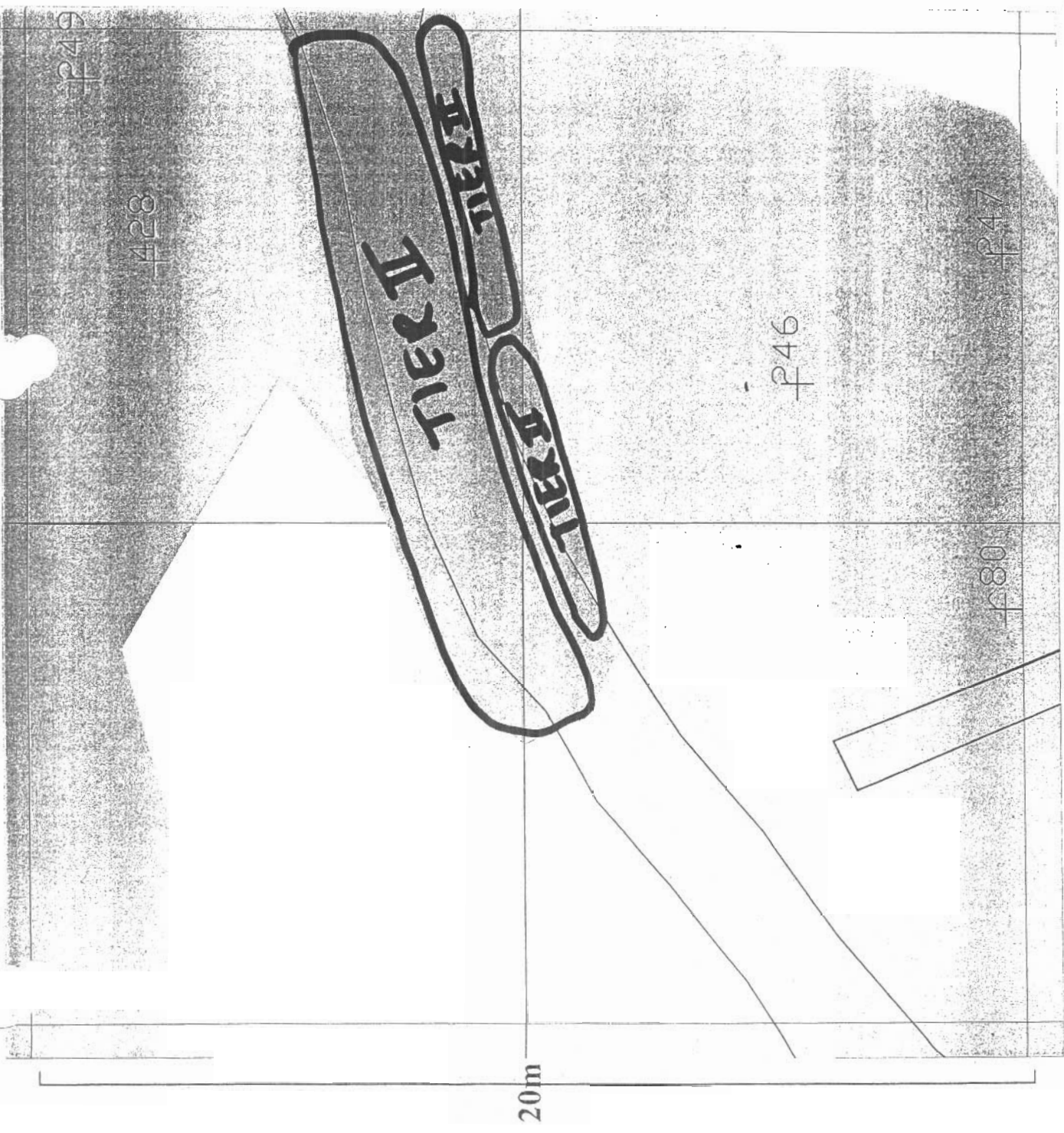
DATE: 17 July 03.

COMMENTS:

AA CEPA
removed from
Grid.

SE

SW



DESCRIPTION OF QUADRANT / ADDITIONAL INFORMATION

RI 2003 Field Season

EXCAVATION LOG

Date	Type*	Location	Material #	Depth	Comments
1st JULY 03	H	Top left extent of the grid	CEPA	0-30 cm (bedrock)	V. small area in grid was CEPA.

* H Heavy Equipment, M Manual, V Vacuum

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

ANALYSIS LOG:

Date	Sample [△]	Type [◇]	Results (ppm)	Comments
1st JULY 03	029	S	39	Grid cleared of CEPA.
				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

Allison Rutter 3 Aug 03
Queen's Representative Date

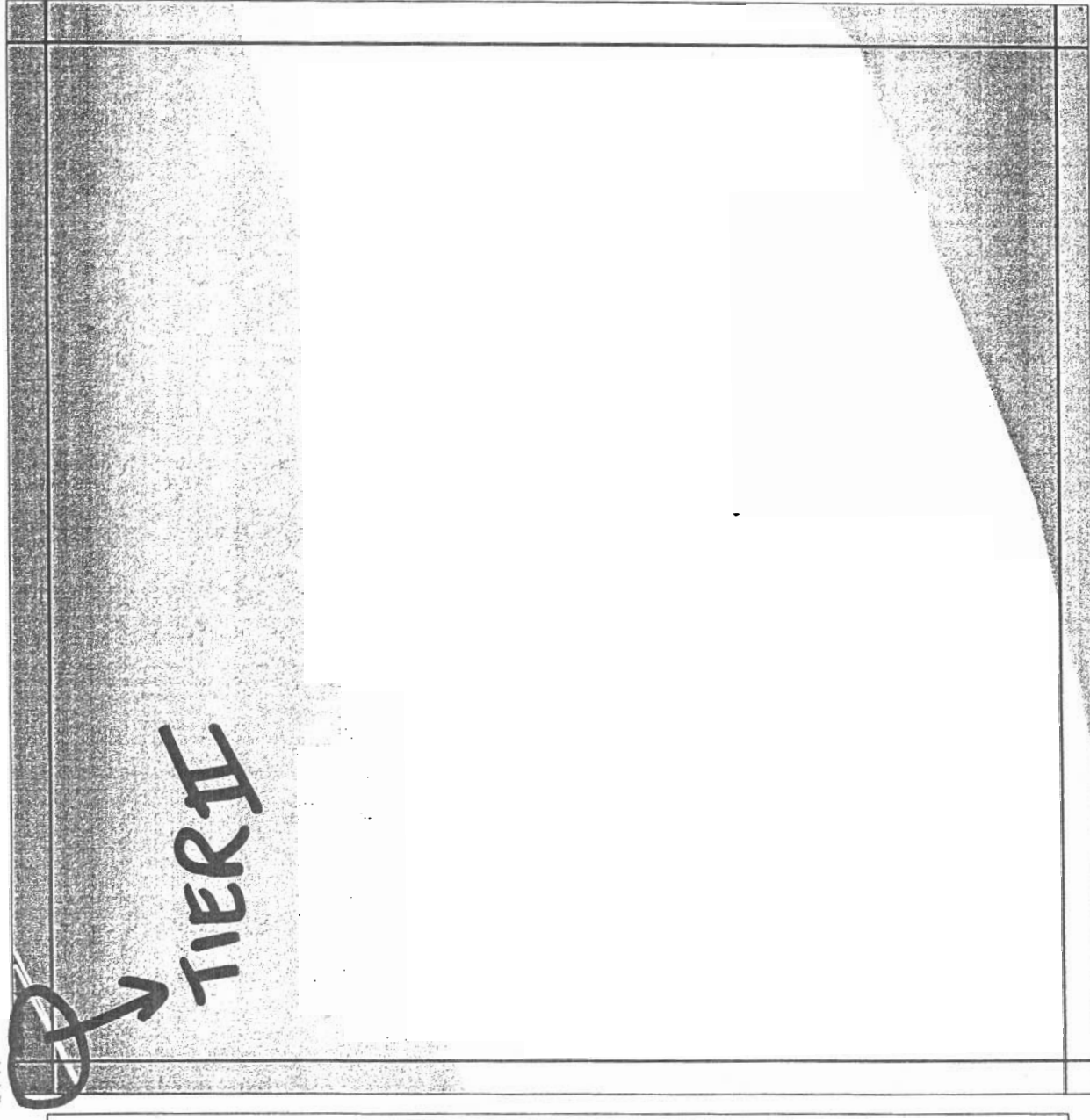
[Signature]
Engineer Representative

Aug 3, 2003
Date

[Signature] Aug 3/03
QC Representative Date

NW

NE



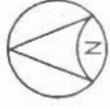
20m

20m

SW

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



N17

DATE: 1st July 03

COMMENTS:

All CEPA Removed.

DESCRIPTION OF QUADRANT / ADDITIONAL INFORMATION

2003 Season.

EXCAVATION LOG

Date	Type*	Location	Material #	Depth	Comments
1 July 2003	H	Top west corner of N18	CEPA	0-30cm	Flat area.
4 July 2003	H	Top of N18	CEPA	0-30cm	Area scraped from 0-30cm. Large boulders set aside in N18 & N19. Piles of soil removed by truck.

* H Heavy Equipment, M Manual, V Vacuum

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

ANALYSIS LOG:

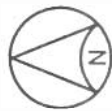
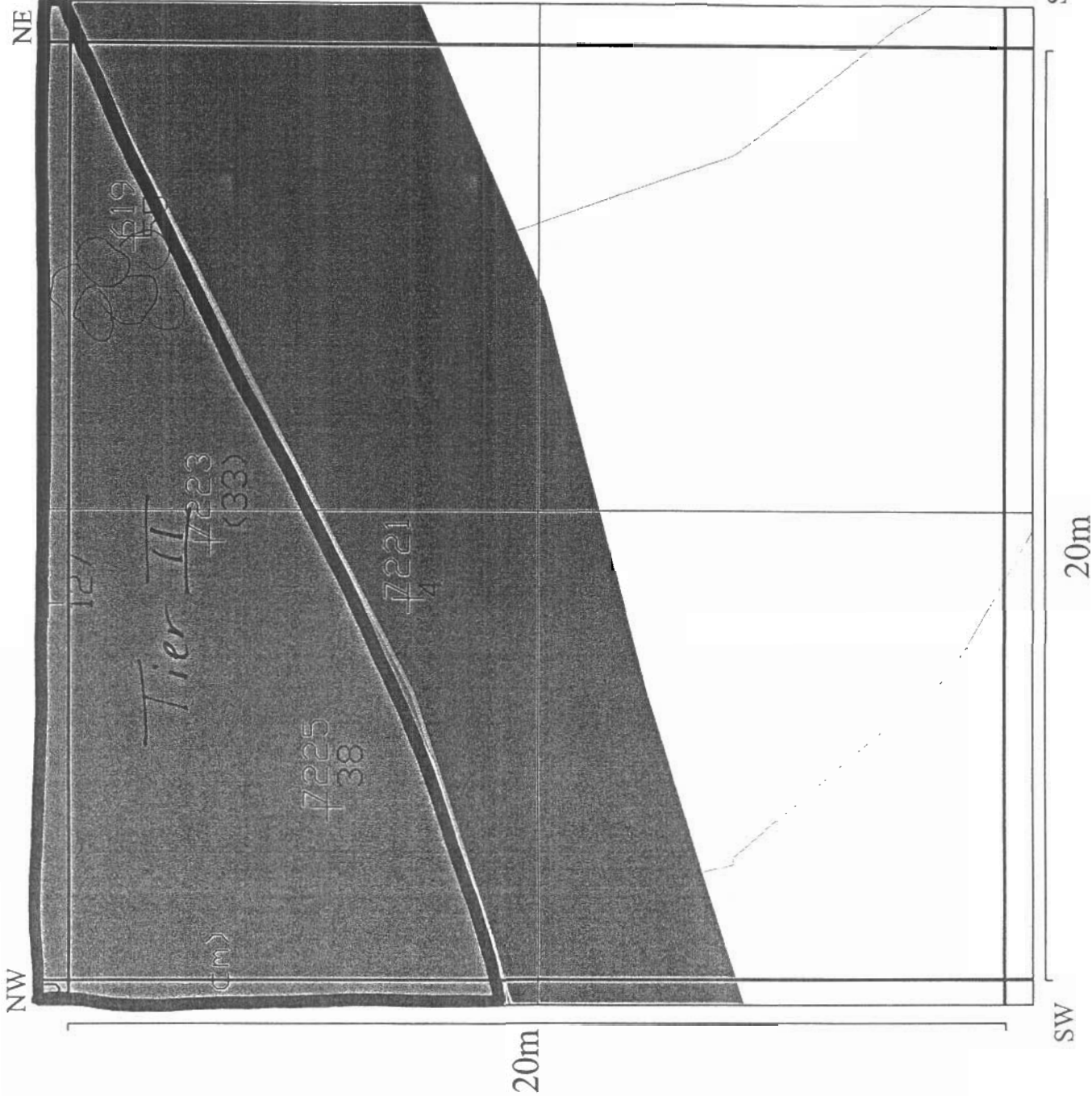
Date	Sample [△]	Type [◇]	Results (ppm)	Comments
1 July 2003	030	S	7.0	Flat area. 0-30cm excavated.
1 July 2003	030D	S	6.4	Flat area. 0-30cm excavated.
4 July 2003	057	S	9.4	Flat area at base of hill. Area re-sampled due to movement of excavator/soil in area. Boulders piled in centre.
4 July 2003	068	S	12	Flat ground at base of hill. Area re-sampled due to movement of excavator/soil in area.
4 July 2003	069	S	3.4	Flat ground at base of hill. Area re-sampled due to movement of excavator/soil in area.
				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 Ruth</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 3/03</u>		
QC Representative	Date		



N18

DATE: 4 July 2003

COMMENTS:

Some boulders left

piled in area. No

further excavation.

Tier II.

DESCRIPTION OF QUADRANT / ADDITIONAL INFORMATION

2003 Season.

EXCAVATION LOG

Date	Type*	Location	Material #	Depth	Comments
1 July 2003	H	Top half of N19	CEPA	0-30 cm	Large pile of scraped soil left for future removal.
2 July 2003	H	Top half of N19	CEPA		Large pile removed.
4 July 2003	H	Top half of N19	CEPA	0-30 cm	Large rocks removed and placed in piles. Area scraped.

* 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	027	S	14	Sample area beside pile of soil.
1 July 2003	027 Dup.	S	13	Sample area beside pile of soil.
4 July 2003	070	S	5.4	Flat ground scraped from 0-30 cm.
4 July 2003	075	S	2.8	Flat ground scraped from 0-30 cm.
				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

Allison Butler 3 Aug 03
 Queen's Representative Date

[Signature]
 Engineer Representative

Aug 3, 2003
 Date

[Signature] Aug 3/03
 QC Representative Date