

DESCRIPTION OF QUADRANT / ADDITIONAL INFORMATION

RI 2004 Field Season

6D

EXCAVATION LOG

Date	Type*	Location	Material #	Depth	Comments
July 6th	H	Above barrier	N/A	N/A	stockpile enters 6D
July 8th	H	Central below barrier	Boulders	N/A	Removed for 'H' access
July 9th	H	Barrier	Barrier	N/A	Barrier removed; stockpile now covers former barrier area
Aug 18th	H	Upper 1/3 of grid	CEPA	N/A	stockpile removal begun
Aug 20th	H	" "	CEPA	N/A	stockpile removed.
Aug 21st	H	NE Corner	CEPA	A ~ 50m	2nd phase of excavation

* H Heavy Equipment, M Manual, V Vacuum

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

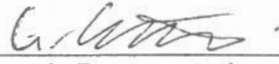
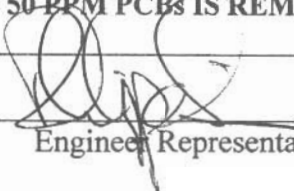
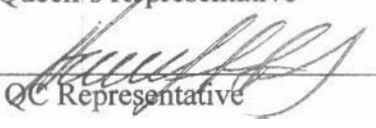
ANALYSIS LOG:

Date	Sample [△]	Type [◇]	Results (ppm)	Comments
Aug 20th	556	S	18	Not valid; still stockpile material Further excavation necessary As above
Aug 20th	557	S	28	
Aug 21st	614	S	30	
Aug 21st	610B	S	5.6	Composite @ original surface ~30cm composite @ depth of excavation confirmatory point samples
Aug 21st	611	S	5.2	
Aug 21st	612	S	1.3	
Aug 21st	613	S	11	
Aug 23rd	623	S	4.0	
Aug 23rd	625	S	16	TIER I Area extends to SD, SE + 6E TIER II TIER II TIER II TIER I TIER II Average of Lab duplicates TIER II
Aug 23rd	560	S	22	
Aug 23rd	560D	S	19	
Aug 23rd	558	S	2.9	
Aug 23rd	559	S	7.3	
Aug 23rd	624	S	6.1	

△ Prefix RI04-

◇ S Soil, W Wood, M Metal, O Other

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

 Queen's Representative	08 Sept 04. Date	 Engineer Representative	8/10/2004 Date
 QC Representative	Sept 8/04 Date		

DESCRIPTION OF QUADRANT / ADDITIONAL INFORMATION

RI 2004 Field Season

6D

EXCAVATION LOG

	Date	Type*	Location	Material #	Depth	Comments
	Aug 22nd	H	Top Half	CEPA	30-50cm	Excavation and handling simultaneous
	Aug 23rd	H	Further downslope	CEPA	30-50cm	As above
	Aug 29th	H	Bottom half of CEPA	CEPA	30-50cm	Cleaning up around stockpile to over winter

* H Heavy Equipment, M Manual, V Vacuum

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

ANALYSIS LOG:

	Date	Sample [△]	Type [◇]	Results (ppm)	Comments
	Aug 23rd	626	S	6.1	TIER II (average of lab duplicates)
	Aug 23rd	627	S	8.8	TIER II
	Aug 25th	617	S	12	TIER II
	Aug 30th	641	S	7.5	TIER II (average of lab duplicate)
	Aug 30th	642	S	2.1	TIER I
	Aug 30th	643	S	9.9	TIER II
	Aug 30th	644	S	12	TIER II Wet area remains. To be sampled before sign off
	Sept 04	743	S	21; 28 (25)	TIER II. Wet area is TIER II.
					All CEPA removed.

△ Prefix RI04-

◇ S Soil, W Wood, M Metal, O Other

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

<u>G. [Signature]</u> Queen's Representative	<u>08 Sept 04</u> Date	<u>[Signature]</u> Engineer Representative	<u>Sept 05 2004</u> Date
<u>[Signature]</u> QC Representative	<u>Sept 8/04</u> Date		

GRID: 6D

DATE: September 2nd

INITIALS

EM

20 meters

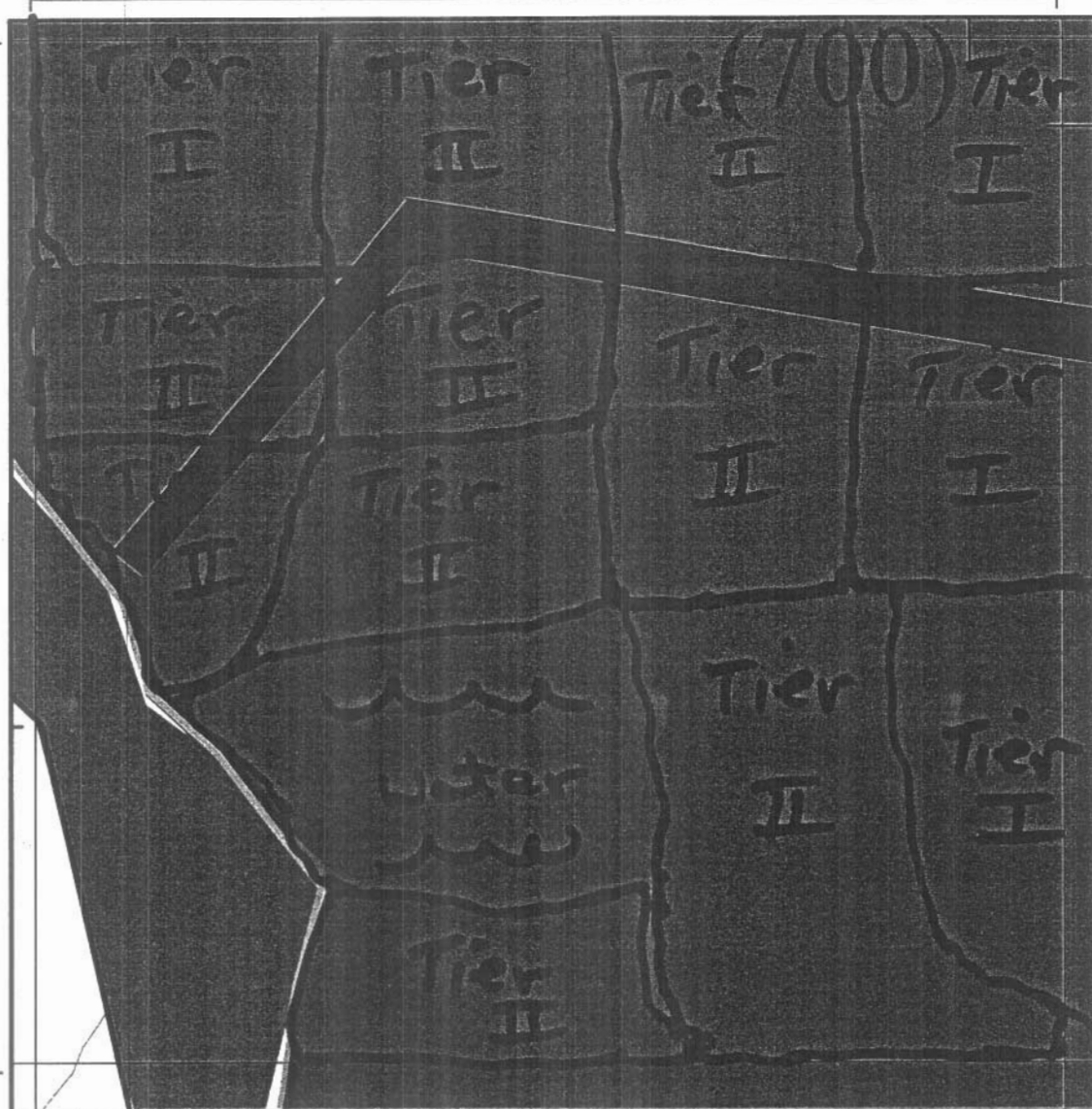
TEXT	Tag or (SN) Sample Number
TEXT	PCB Concentration (ppm)
■	TIER I: PCB Concentration
■	TIER II: PCB Concentration
—	Pink Rope
—	Blue Rope
—	Road
□	Area Excavated/Vacuumed
■	Debris Piles
■	Clean Fill on TIER II



Comments:

Final Map
of season
- Wet
area parents
sampling and
signature.

20 meters



ANALYSIS LOG

Sample (RI04)	Result (ppm)	Comment:

EXCAVATION:

GRID: 6D

DATE: 30 Aug 2004

INITIALS

EM

20 meters

TEXT	Tag or (SN) Sample Number
TEXT	PCB Concentration (ppm)
TEXT	TIER I: PCB Concentration
TEXT	TIER II: PCB Concentration
TEXT	Pink Rope
TEXT	Blue Rope
TEXT	Road
TEXT	Area Excavated/Vacuumed
TEXT	Debris Piles
TEXT	Clean Fill on TIER II

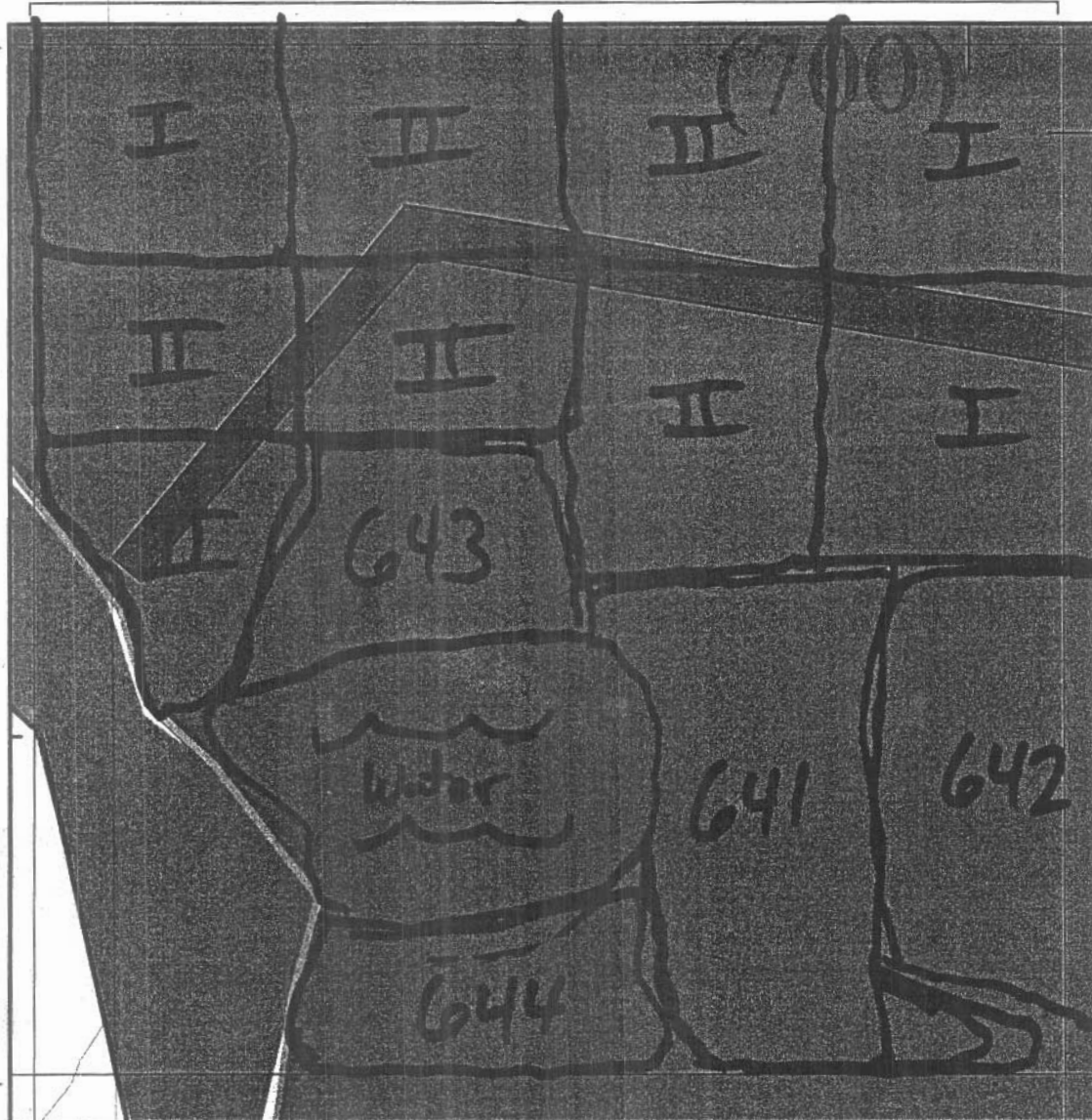


Comments:

last day of
beach excavation
for the summer

CRA stockpile
(small) in 7D
is blocking
drainage water
prevents sampling
and sign off.

20 meters



ANALYSIS LOG

Sample (RI04)	Result (ppm)	Comment:
641	8.575*	Average of 105 duplicates - Tier II
642	2.1	Tier I continues into 6E
643	9.9	Tier II
644	13	Tier II

EXCAVATION:

GRID: 6D

DATE: 25 Aug 2001

INITIALS

AM

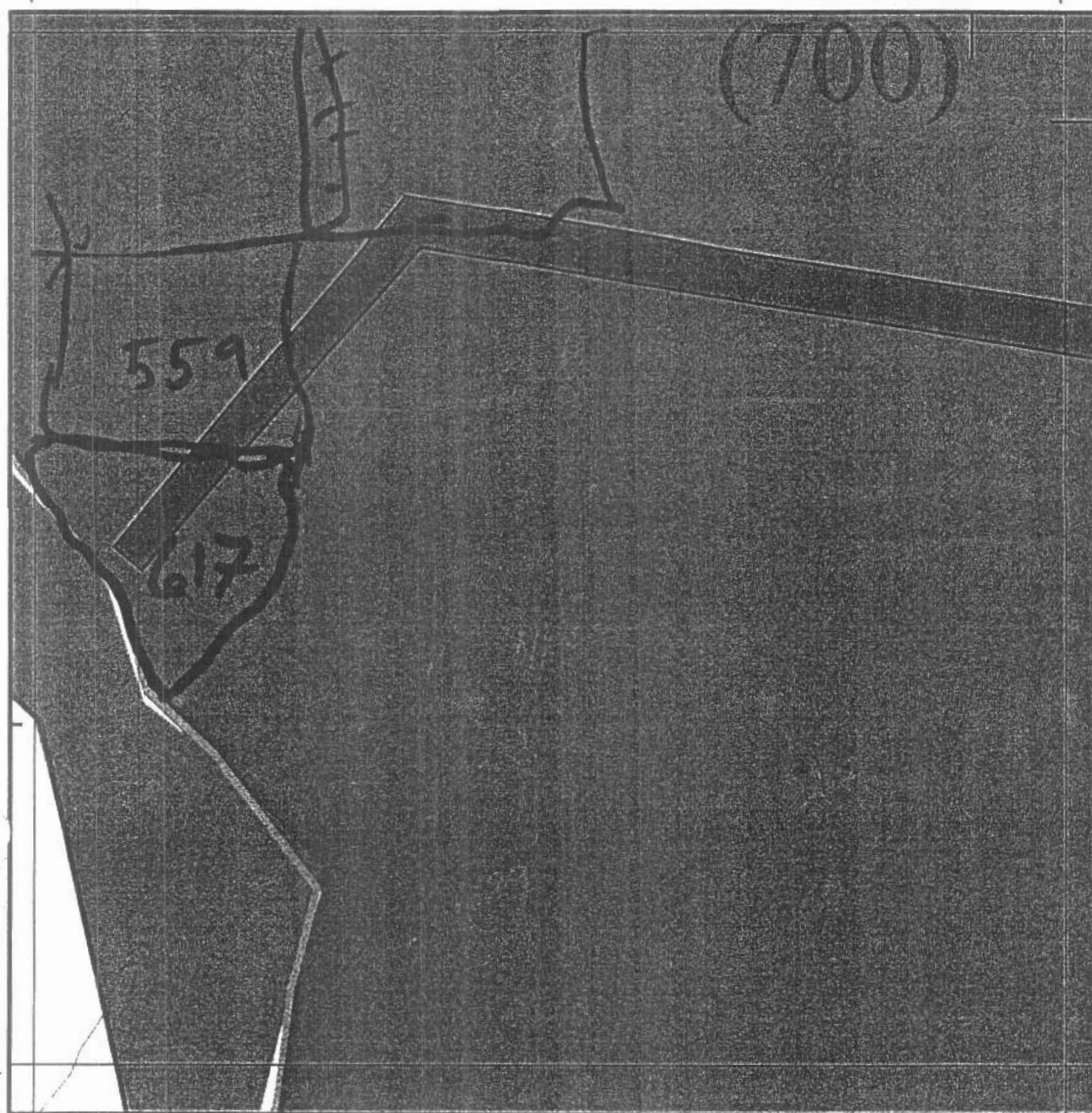
20 meters

TEXT Tag or (SN) Sample Number
TEXT PCB Concentration (ppm)
TIER I: PCB Concentration
TIER II: PCB Concentration
Pink Rope
Blue Rope
Road
Areas Excavated/Vacuumed
Debris Piles
Clean Fill on TIER II



Comments:

20 meters



ANALYSIS LOG

Sample (RI04)	Result (ppm)	Comment:
617	12	Wetter area in front of upper rock truck access

EXCAVATION:

GRID: 6D

DATE: 23 August

INITIALS

21

20 meters

TEXT	Tag or (SN) Sample Number
TEXT	PCB Concentration (ppm)
	TIER I: PCB Concentration
	TIER II: PCB Concentration
	Pink Rope
	Blue Rope
	Road
	Areas Excavated/Vacuumed
	Debris Piles
	Clean Fill on TIER II



Comments:

Afternoon
Sampling

ANALYSIS LOG

Sample (RI04)	Result (ppm)	Comment:
559	7.3	Tier II
624	2.2	continue into GE Tier I
626	6.1	Tier II average of lab duplicate
627	8.8	Tier II

XCAVATION: Archie continues to scrape. >30 cm lots of rocks make it difficult to scrape down on exact depth.

GRID: 6D

DATE: 23 August

INITIALS

fill

20 meters

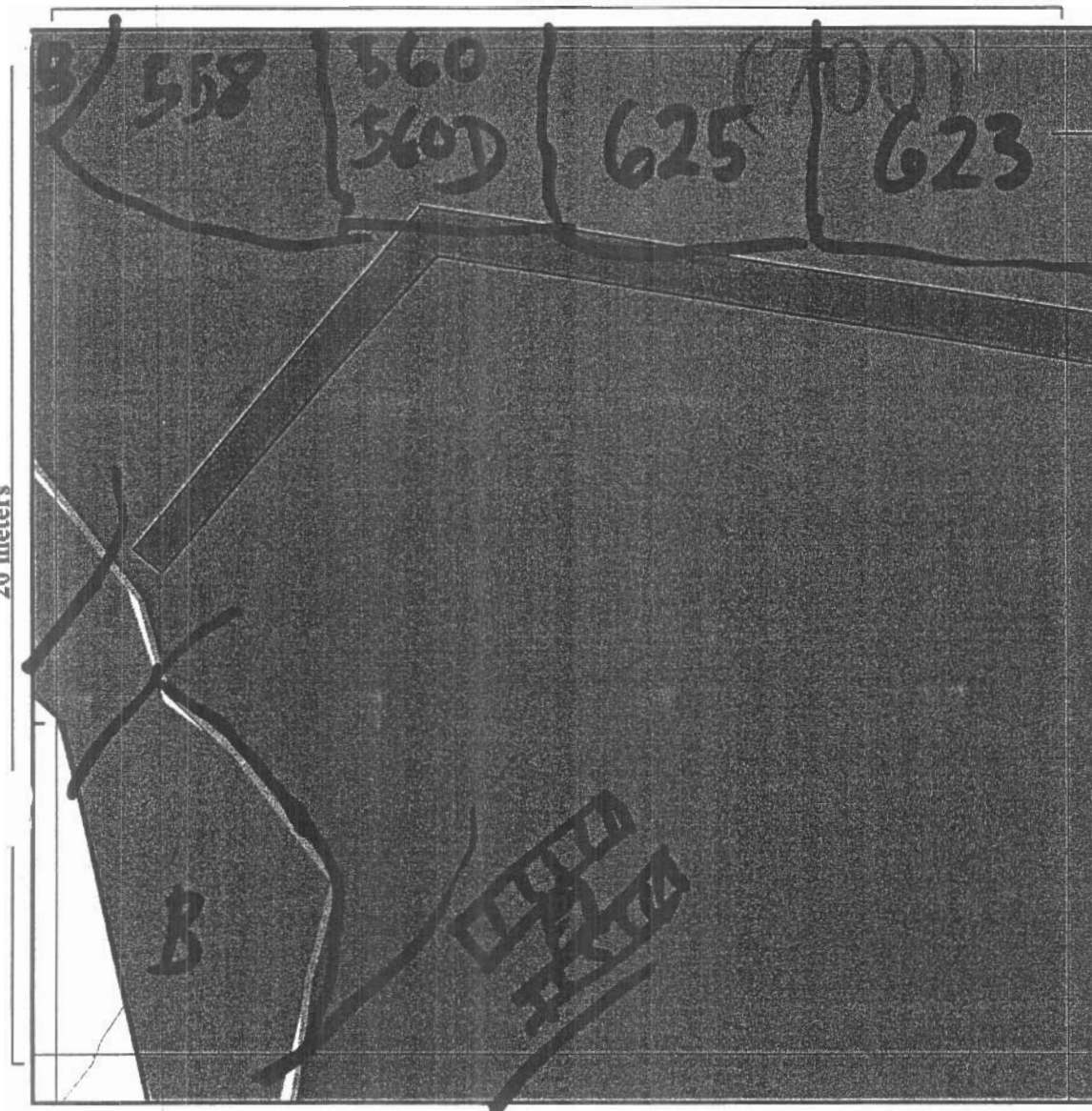
TEXT	Tag or (SN) Sample Number
TEXT	PCB Concentration (ppm)
TEXT	TIER I: PCB Concentration
TEXT	TIER II: PCB Concentration
TEXT	Pink Rope
TEXT	Blue Rope
TEXT	Road
TEXT	Area Excavated/Vacuumed
TEXT	Debris Piles
TEXT	Clean Fill on TIER II



Comments:

Morning Sampling

20 meters



ANALYSIS LOG

Sample (RI04)	Result (ppm)	Comment:
558	2.9	Tier I
560, 620	22.19	Tier II
623	4.0	Continues into grid 6E, 5D Tier I
625	16	continues into grid 6E, 5D Tier 2

EXCAVATION: Results from 610.B & 611 indicated that continuation was deep (730cm). Archie continued to work west of his starting spot.

GRID: 6D

DATE: Aug 20 2004

INITIALS

KLM

20 meters

TEXT	Tag or (SN) Sample Number
TEXT	PCB Concentration (ppm)
TEXT	TIER I: PCB Concentration
TEXT	TIER II: PCB Concentration
TEXT	Pink Rope
TEXT	Blue Rope
TEXT	Road
TEXT	Areas Excavated/Vacuumed
TEXT	Debris Piles
TEXT	Clean Fill on TIER II



Comments:

~~Handwritten note~~

Grapple thought to have reached surface and first 30 cm in this area further excavation revealed grass mat and area was excavated

ANALYSIS LOG

Sample (RI04)	Result (ppm)	Comment:
556	18	Not Valid; excavation not deep enough,
557	28	still stockpile material.

EXCAVATION:

Sample areas under former CEPA stockpile. Grapple removed stockpile and at least first 30 cm of these

GRID: 6D

DATE: Aug 18 2004

INITIALS

KRM

20 meters

TEXT	Tag or (SN) Sample Number
TEXT	PCB Concentration (ppm)
TEXT	TIER I: PCB Concentration
TEXT	TIER II: PCB Concentration
TEXT	Pink Rope
TEXT	Blue Rope
TEXT	Road
TEXT	Areas Excavated/Vacuumed
TEXT	Debris Piles
TEXT	Clean Fill on TIER II



Comments:

CEPA stack pile
Removed has
begun

20 meters

ANALYSIS LOG

Sample (RI04)	Result (ppm)	Comment:

EXCAVATION:

GRID: 6D

DATE: July 9th

INITIALS

LM

20 meters

TEXT	Tag or (SN) Sample Number
TEXT	PCB Concentration (ppm)
	TIER I: PCB Concentration
	TIER II: PCB Concentration
	Pink Rope
	Blue Rope
	Road
	Areas Excavated/Vacuumed
	Debris Piles
	Clean Fill on TIER II



Comments:

Barrier Removed
with grapple
Culverts piled
on other side
Boom material
piled.
Paled & I
put boom material
in 2 flower pot
tins with
Dave's help.

ANALYSIS LOG

Sample (RI04)	Result (ppm)	Comment:
		Stockpile moved downslope to
		cover much of former Barrier area

EXCAVATION:

GRID: 6D

DATE: July 8th 2004

INITIALS

KJM

20 meters

TEXT	Tag or (SN) Sample Number
TEXT	PCB Concentration (ppm)
TEXT	TIER I: PCB Concentration
TEXT	TIER II: PCB Concentration
TEXT	Pink Rope
TEXT	Blue Rope
TEXT	Road
TEXT	Areas Excavated/Vacuumed
TEXT	Debris Piles
TEXT	Clean Fill on TIER II



Comments:

Boulders
removed w
grapple from
below the
barrier.

Barrier to
be removed
tomorrow.

Boulders piled
in GC lower
east edge and
E6 outside CEPA.

ANALYSIS LOG

Sample (RI04)	Result (ppm)	Comment:

EXCAVATION:

GRID: 6D

DATE: July 6th 2004

INITIALS

FLM

20 meters

TEXT	Tag or (SN) Sample Number
TEXT	PCB Concentration (ppm)
TEXT	TIER I: PCB Concentration
TEXT	TIER II: PCB Concentration
TEXT	Pink Rope
TEXT	Blue Rope
TEXT	Road
TEXT	Area Excavated/Vacuumed
TEXT	Debris Piles
TEXT	Clean Fill on TIER II



Comments:

CEPA Stock pile
seam moved
downslope to
order 6D above
barrier.

ANALYSIS LOG

Sample (RI04)	Result (ppm)	Comment:

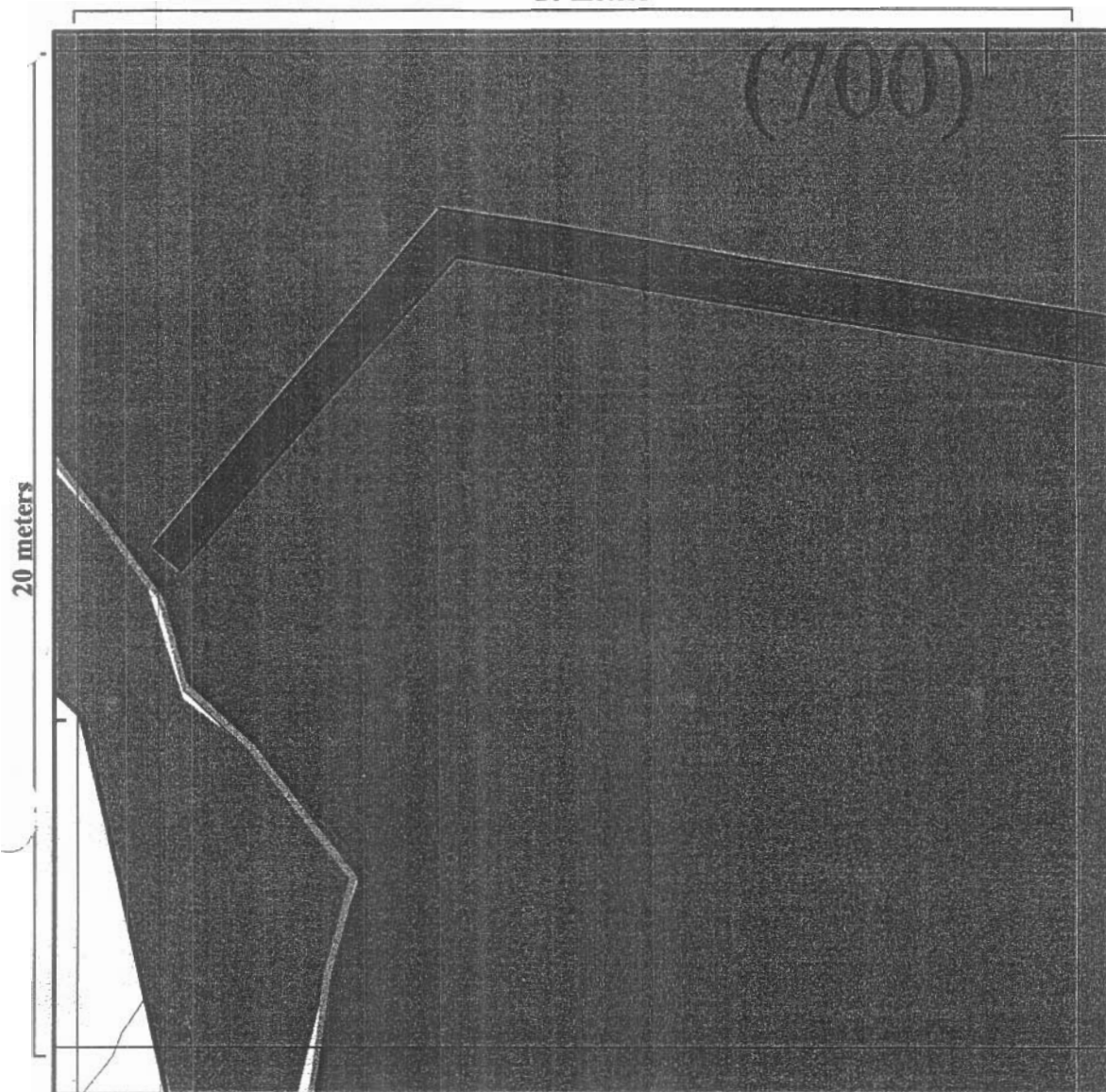
EXCAVATION:

GRID: 6D

INITIALS

DATE: _____

20 meters



TEXT	Tag or (SN) Sample Number
TEXT	PCB Concentration (ppm)
TEXT	TIER I: PCB Concentration
TEXT	TIER II: PCB Concentration
TEXT	Pink Rope
TEXT	Blue Rope
TEXT	Road
TEXT	Areas Excavated/Vacuumed
TEXT	Debris Piles
TEXT	Clean Fill on TIER II



Comments:

[illegible]

ANALYSIS LOG

[illegible]

EXCAVATION:
