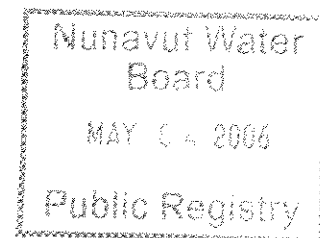
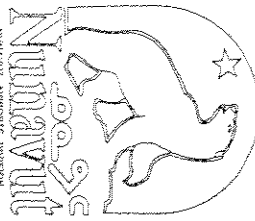


Section II

1. Technical Information



DEPARTMENT OF COMMUNICATIONS
NUNAVUT AIRPORTS DIVISION
TRANSPORTATION
GOVERNMENT OF NUNAVUT



IGALUIT, NUNAVUT REHABILITATION OF TAXIWAY "A" AND APRON 1

ESG PROJECT NUMBER 2000-0300

FSQ

G R O U P

FERGUSON SIMK CLARK
ENGINEERS AND ARCHITECTS

1000-1000 P.O. Box 1270
Iqaluit, N.W.T.
X0A 0H0 CANADA
Telephone: (867) 978-1270
Telefax: (867) 978-0055

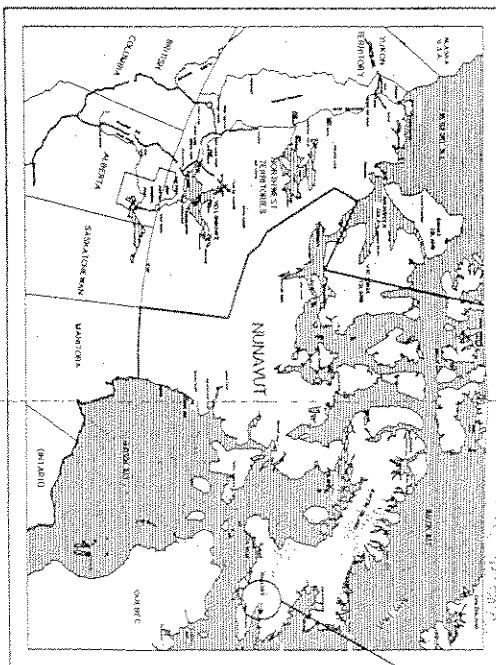
LIST OF DRAWINGS

CML

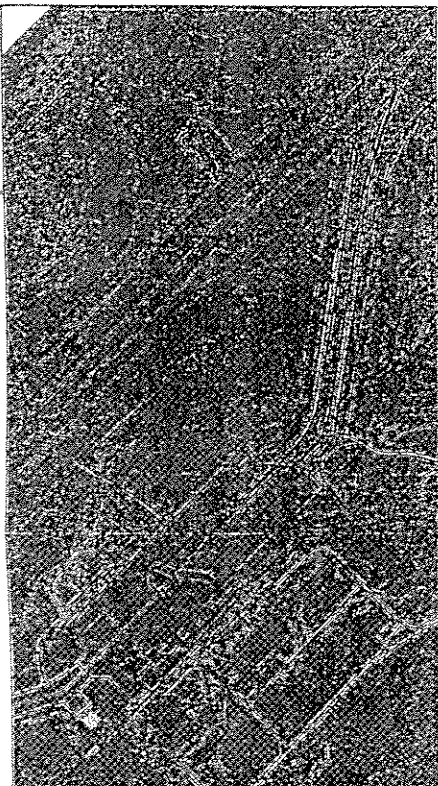
1. SITE PLAN C1
2. TAXIWAY "A" PLAN/PROFILE C2
3. APRON 1 ASPHALT OVERLAY PLAN C3

ELECTRICAL

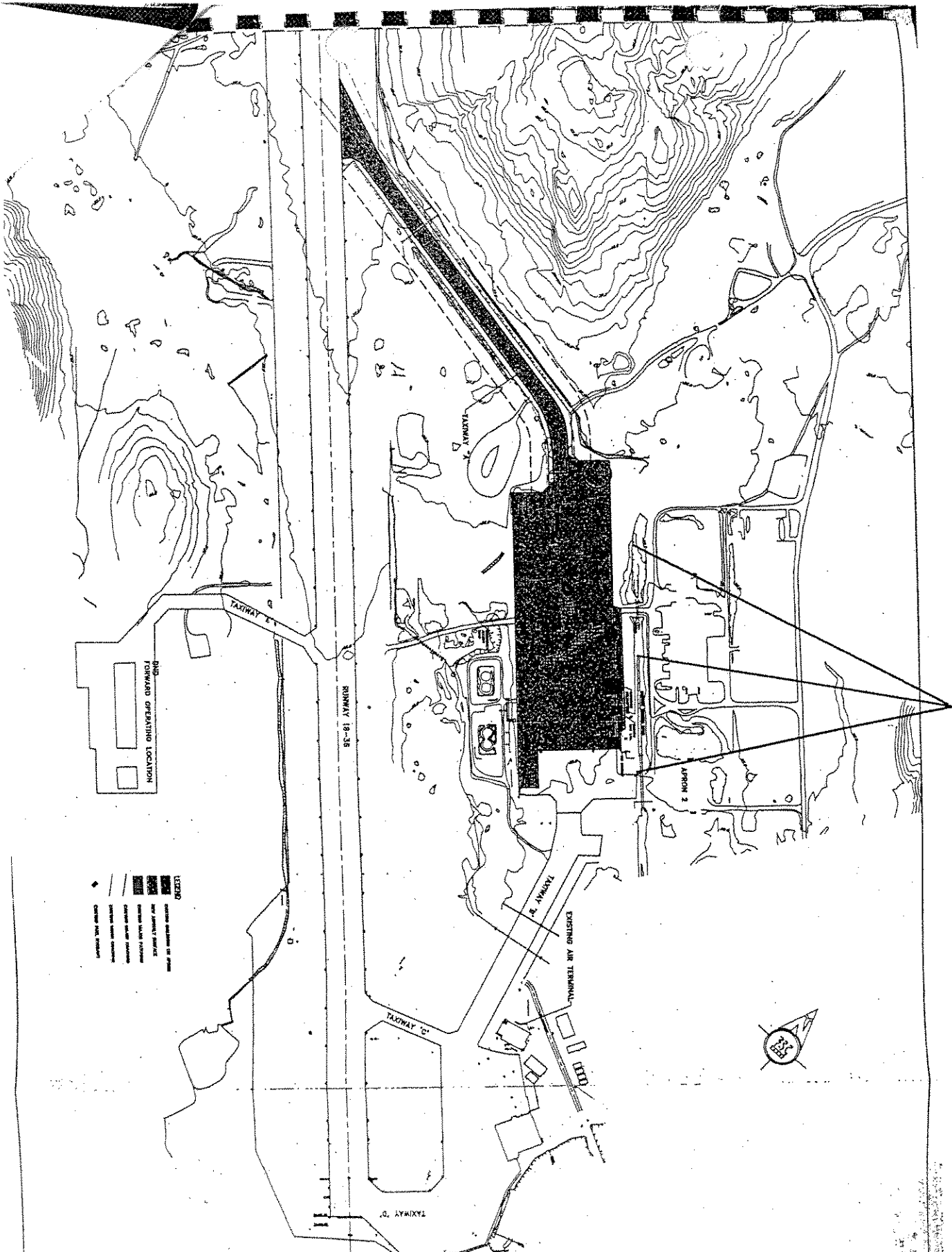
1. SITE PLAN E1
2. DETAILS E2
3. DETAILS E3
4. RUNWAY DESIGNATION & IDENTIFICATION SIGN DETAILS E4



IGALUIT



LOCATION OF UTIL-IDOR



LEGEND

- Existing buildings in place
- New buildings to be constructed
- Runway
- Taxiway
- Grass
- Water
- Other

735

PROJ. NO. 735

DESIGNED BY: SMOCK, CLARK

DRAWN BY: SMOCK, CLARK

CHECKED BY: SMOCK, CLARK

DATE: 10/1/68

NOTE: ALL DIMENSIONS ARE IN FEET. ALL ELEVATIONS ARE IN FEET. ALL ELEVATIONS ARE TO THE CENTERLINE OF THE ROAD OR RAILROAD. ALL ELEVATIONS ARE TO THE CENTERLINE OF THE ROAD OR RAILROAD.

NO.	DESCRIPTION	DATE	BY	CHECKED
1	DESIGNED	10/1/68	SMOCK, CLARK	SMOCK, CLARK
2	DRAWN	10/1/68	SMOCK, CLARK	SMOCK, CLARK
3	CHECKED	10/1/68	SMOCK, CLARK	SMOCK, CLARK
4	APPROVED	10/1/68	SMOCK, CLARK	SMOCK, CLARK



DALETT AIRPORT

RECONSTRUCTION OF

TAXIWAY 'A' AND

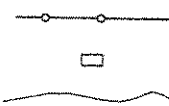
APRON 1

DALETT, MINNESOTA

NO.	DESCRIPTION	DATE	BY	CHECKED
1	DESIGNED	10/1/68	SMOCK, CLARK	SMOCK, CLARK
2	DRAWN	10/1/68	SMOCK, CLARK	SMOCK, CLARK
3	CHECKED	10/1/68	SMOCK, CLARK	SMOCK, CLARK
4	APPROVED	10/1/68	SMOCK, CLARK	SMOCK, CLARK



LEGEND



HYDRANT LINES
HYDRANT BOXES
SURFACE DRAINAGE

FORMER USAF AST AREA

0 100
SCALE IN METRES



CLIENT:

TRANSPORT CANADA

PROJECT:

ENVIRONMENTAL SITE ASSESSMENT
IQUALUIT AIRPORT
APRON I

TITLE:

SITE PLAN

DILLON PROJECT NUMBER:

04-3730

DILLON FIGURE NUMBER:

2

SCALE:

1:2000

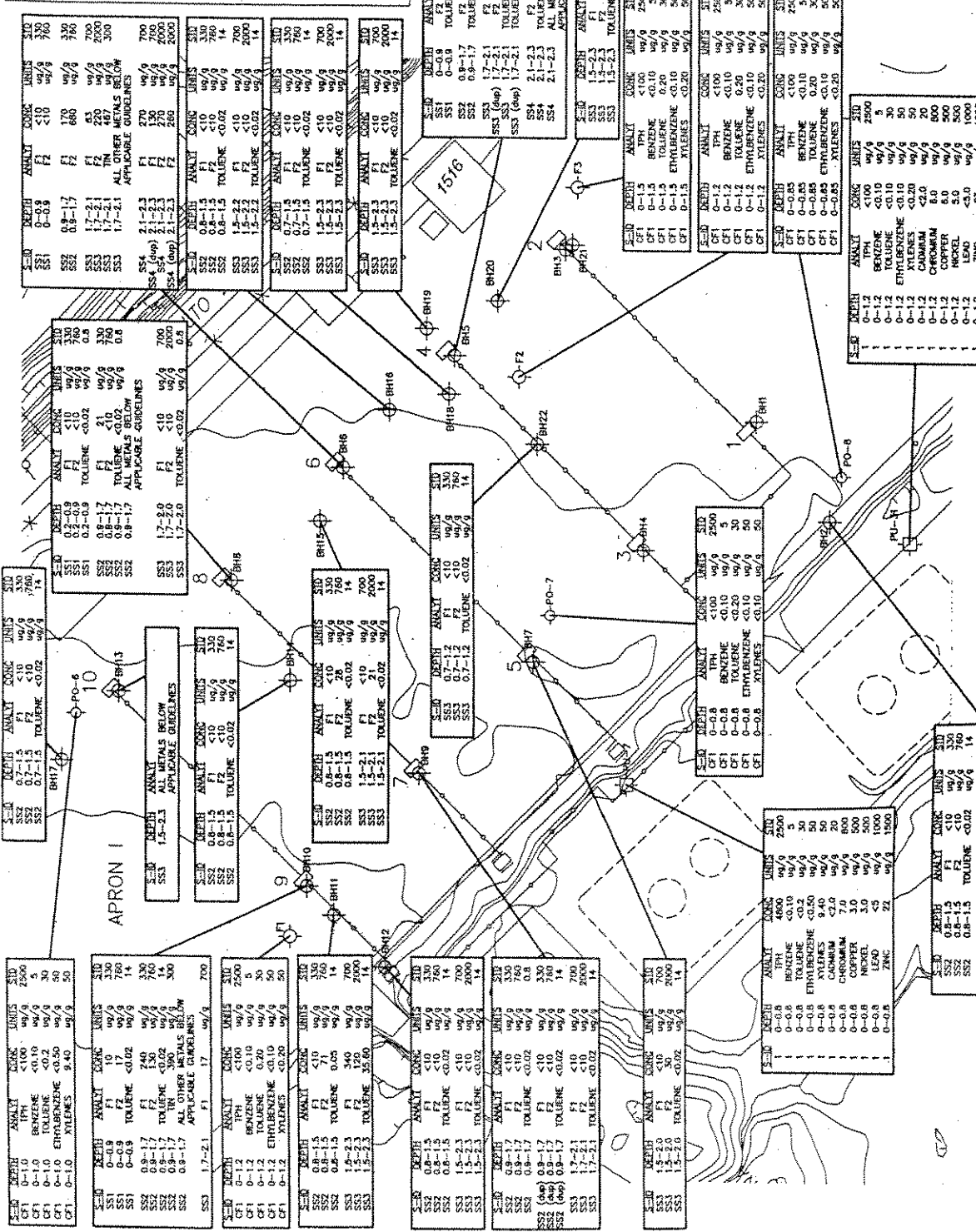
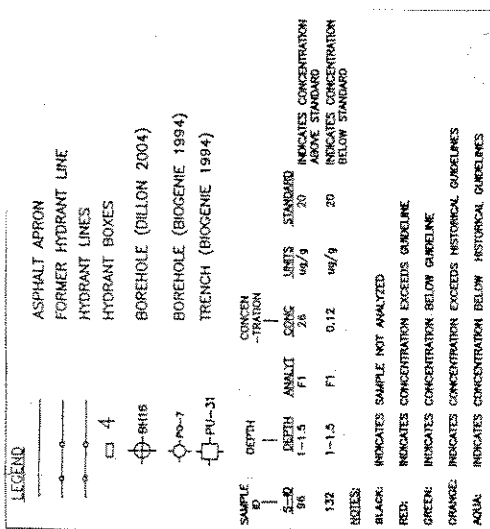
DATE:

FEB 2005

REVISION

-

FINAL



ENVIRONMENTAL SITE ASSESSMENT
LOCALITY: APRON 1

TRANSPORT CANADA

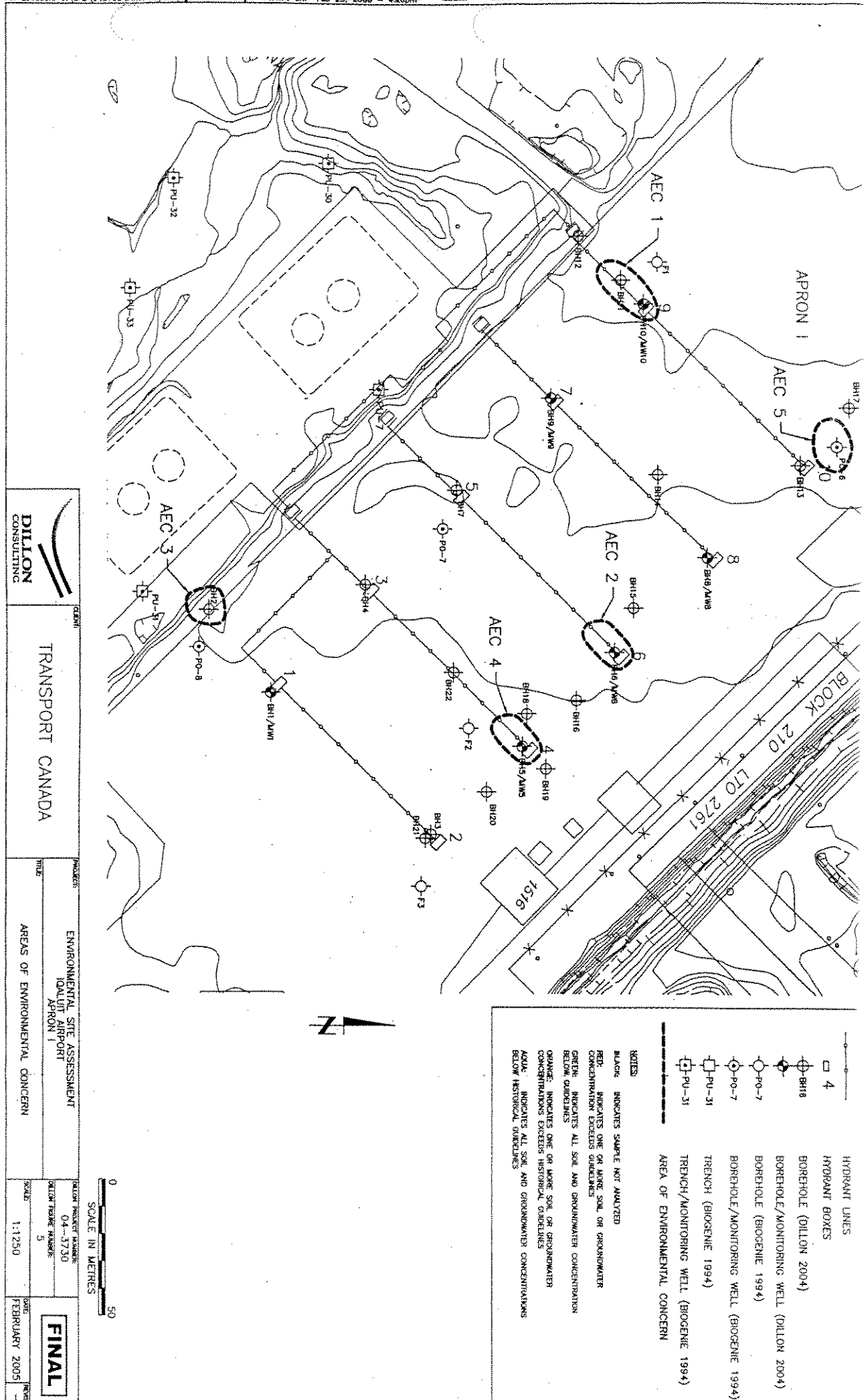
DILLON CONSULTING

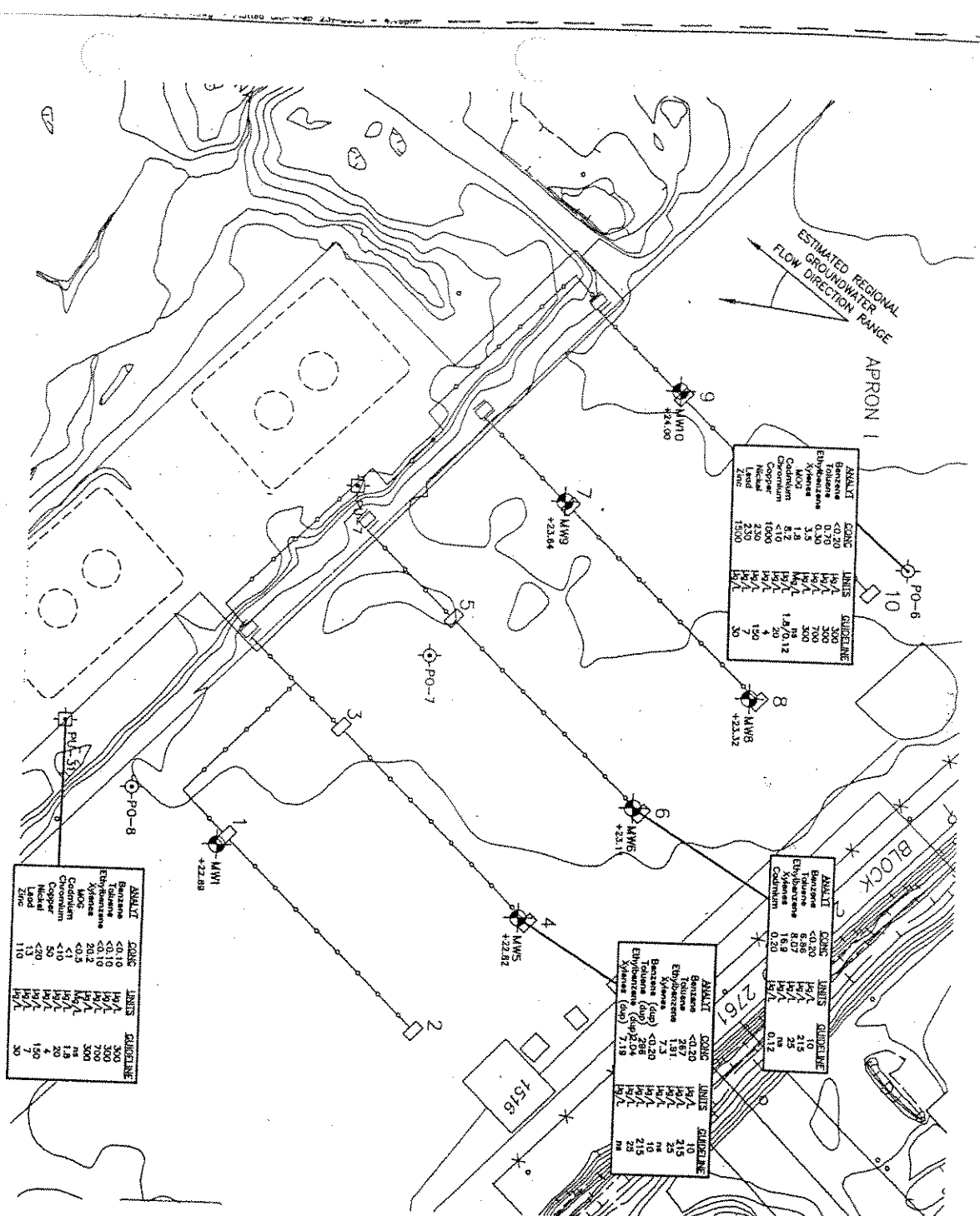
1994/2004 SOIL ASSESSMENT PROGRAMS

SCALE IN METRES
0 50

FINAL

DATE: FEBRUARY 2005





LEGEND

- ASPHALT APRON
- FORMER HYDRANT LINES
- HYDRANT LINES
- HYDRANT BOXES
- MONITORING WELL (DILLON 2004)
- BOREHOLE/MONITORING WELL (BIOGENIE 1994)
- TRENCH/MONITORING WELL (BIOGENIE 1994)
- ELEVATION (mns)

NOTES:

- BLACK: INDICATES SHAPE NOT ANALYZED
- RED: INDICATES CONCENTRATION EXCEEDS GUIDELINE
- GREEN: INDICATES CONCENTRATION BELOW GUIDELINE
- GRAY: INDICATES CONCENTRATION EXCEEDS HISTORICAL GUIDELINES
- BLUE: INDICATES CONCENTRATION BELOW HISTORICAL GUIDELINES
- PURPLE: INDICATES NO STANDARDS/GUIDELINE AVAILABLE

GROUNDWATER CONCENTRATION: µg/L MICROGRAMS PER LITER (µg/L)

UNLESS STATED OTHERWISE

ANALYTE DATA TABLE:

ANALYTE	CONC	UNITS	GUIDELINE
Benzene	<0.20	µg/L	300
Ethylbenzene	<0.20	µg/L	300
Xylenes	<0.20	µg/L	300
Chlorobenzene	<0.20	µg/L	300
Chloroform	<0.20	µg/L	300
Lead	<0.20	µg/L	300
Copper	<0.20	µg/L	300
Nickel	<0.20	µg/L	300
Lead	<0.20	µg/L	300

DILLON CONSULTING

TRANSPORT CANADA

ENVIRONMENTAL SITE ASSESSMENT

1000TH AIRPORT

APRON 1

1994/2004 GROUNDWATER ASSESSMENT PROGRAMS

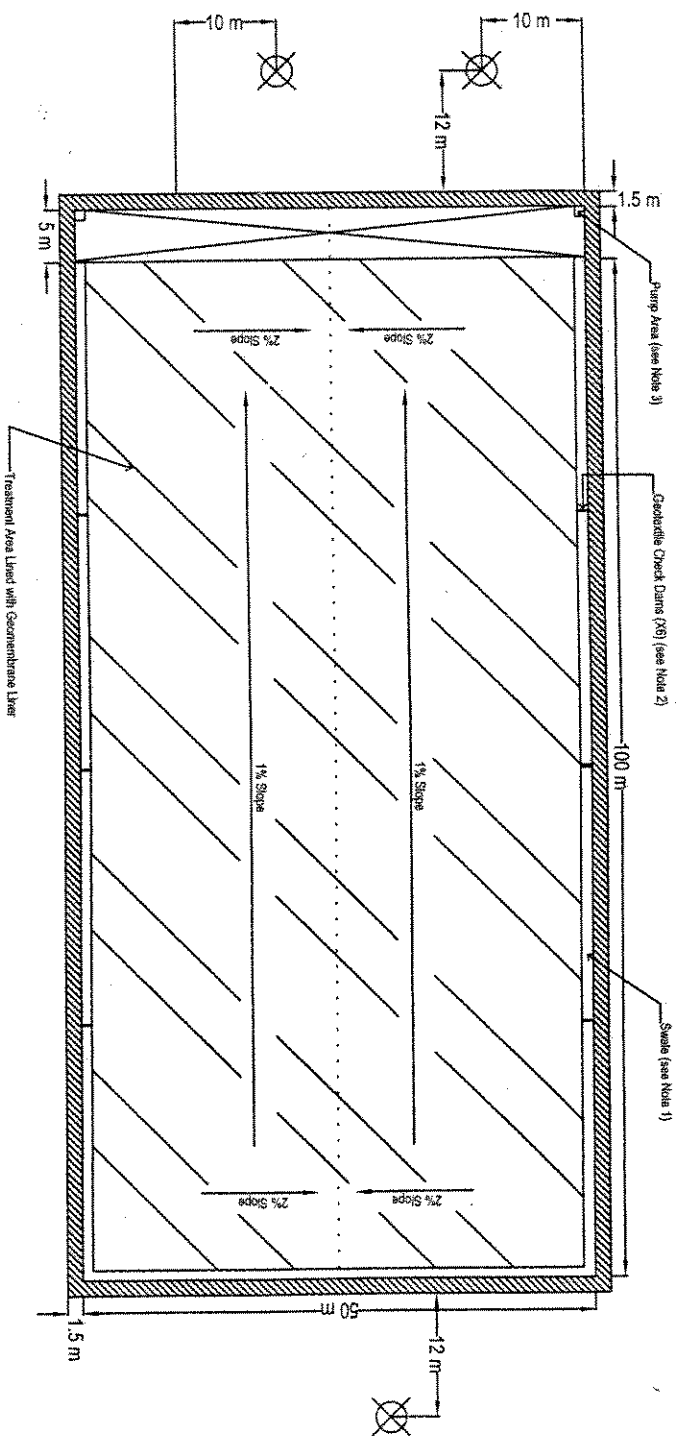
SCALE IN METRES

0 50

SCALE: 1:1250

DATE: FEBRUARY 2005

FINAL



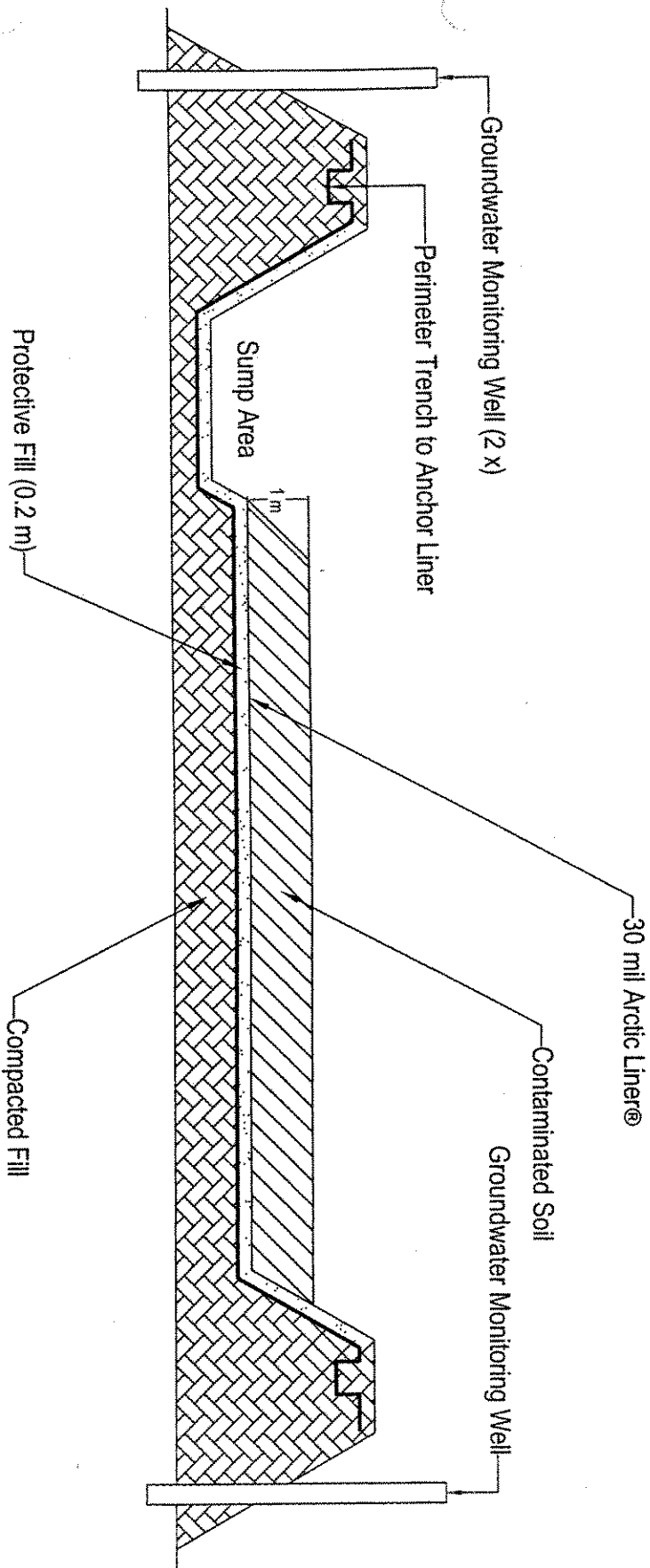
ENVIRONMENTAL AND EROSION NOTES:

1. 1 m wide swale is left between the impacted soil and the berm.
2. Check dams are placed in swale along lengthwise berm to dissipate water flow energy. Check dams are composed of geotextile material, 50 mmØ and 1.5 m in length.
3. Pump areas in corners of sump area are 1 x 1 m in dimension. The pump area is excavated 1 m below sump grade.
4. The sump area will be designed to withstand a 1 in 10 year storm event.

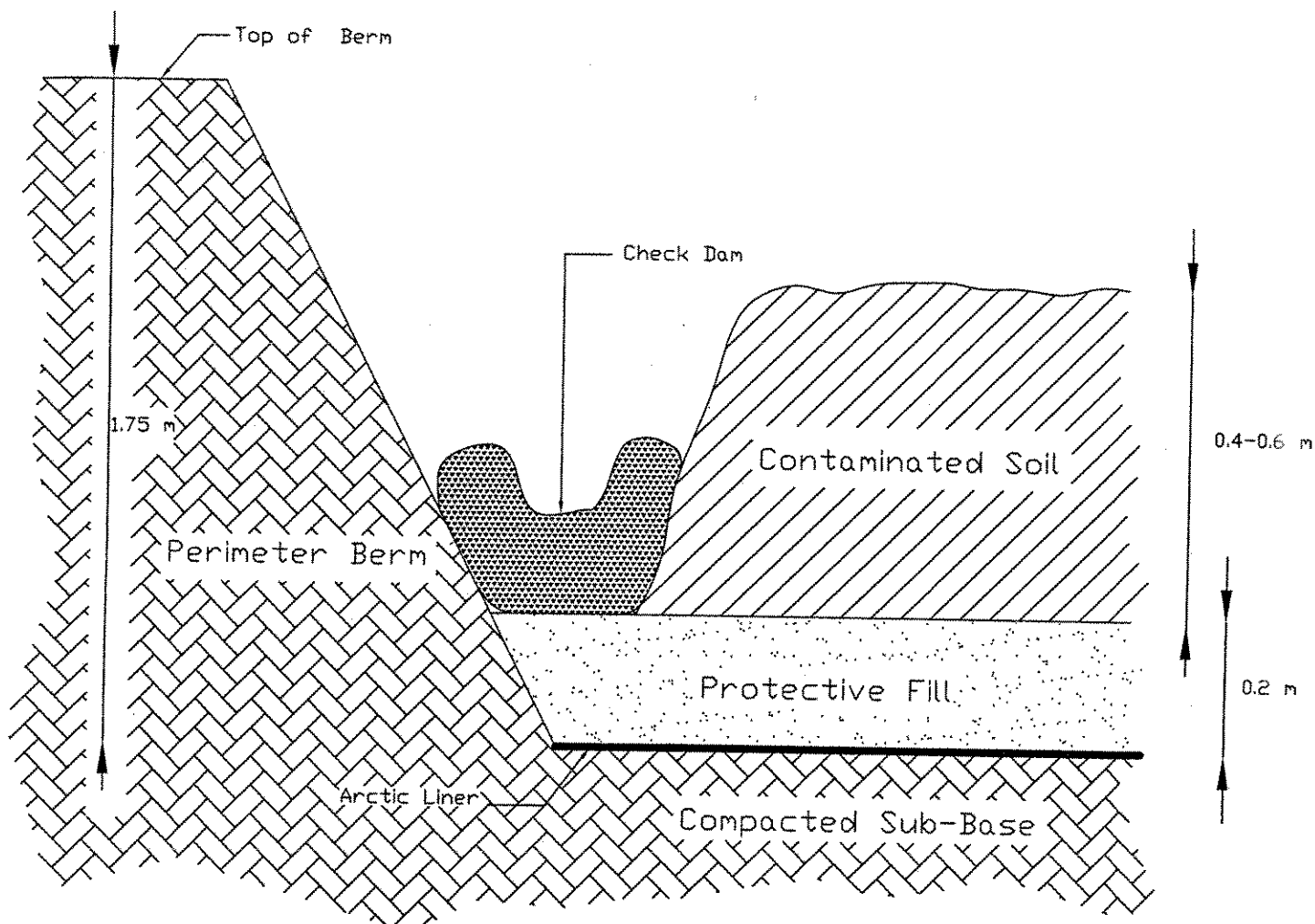
LEGEND

	Monitoring Wells
	Berm Surrounding Cell
	Sump Area

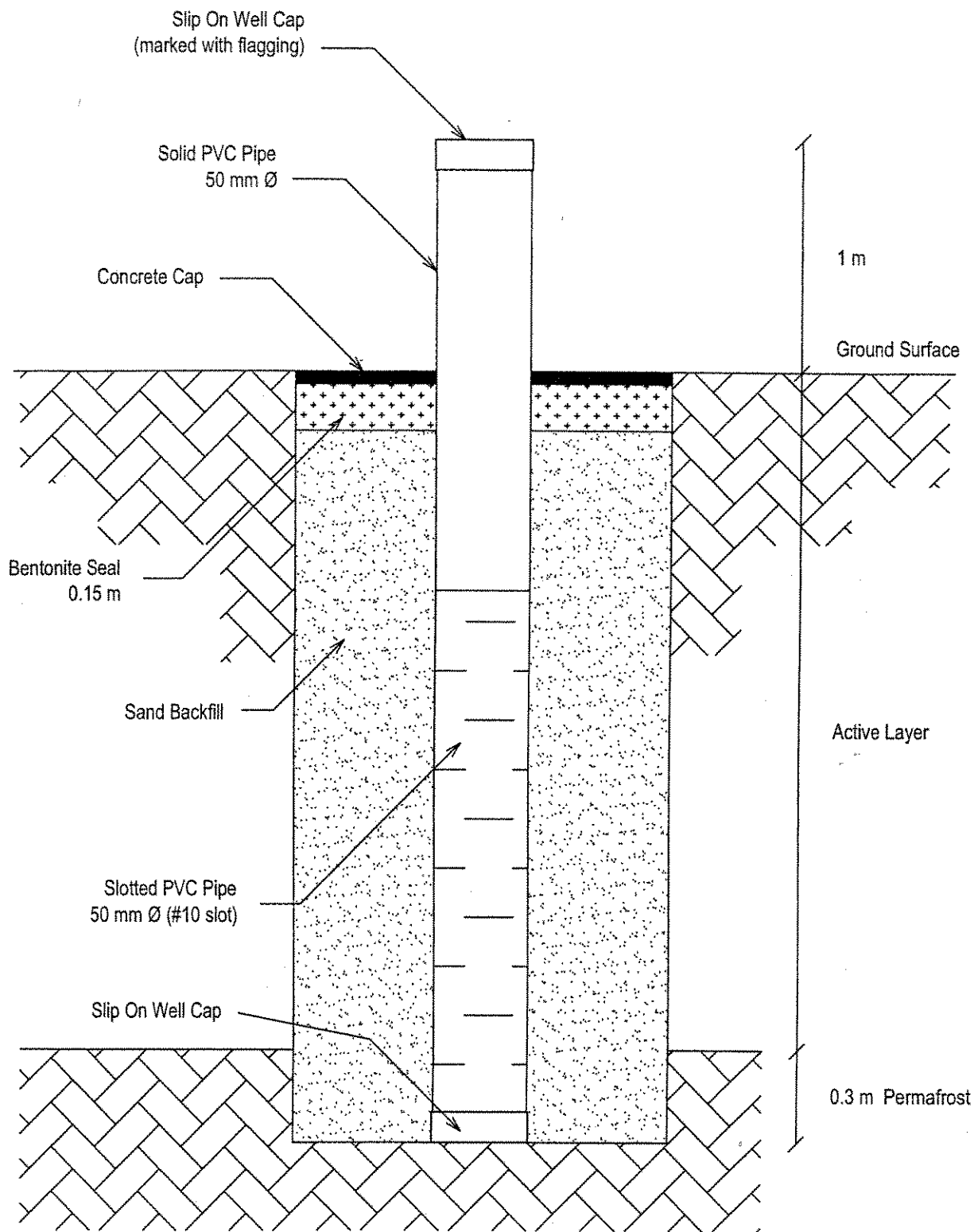
WERI		Client: Transport Canada		Iqaluit Airport Iqaluit, Nunavut LTU Design	
Drawn By: AM	Scale: NTS	Units: Metres	Date: November 2004	Figure No.: 2	



WERI	Client: Transport Canada		Iqaluit Airport Iqaluit, Nunavut Cross-Section of LTU	
Drawn By: AM	Scale: NTS	Units: As shown	Date: November 2004	Figure No.: 3

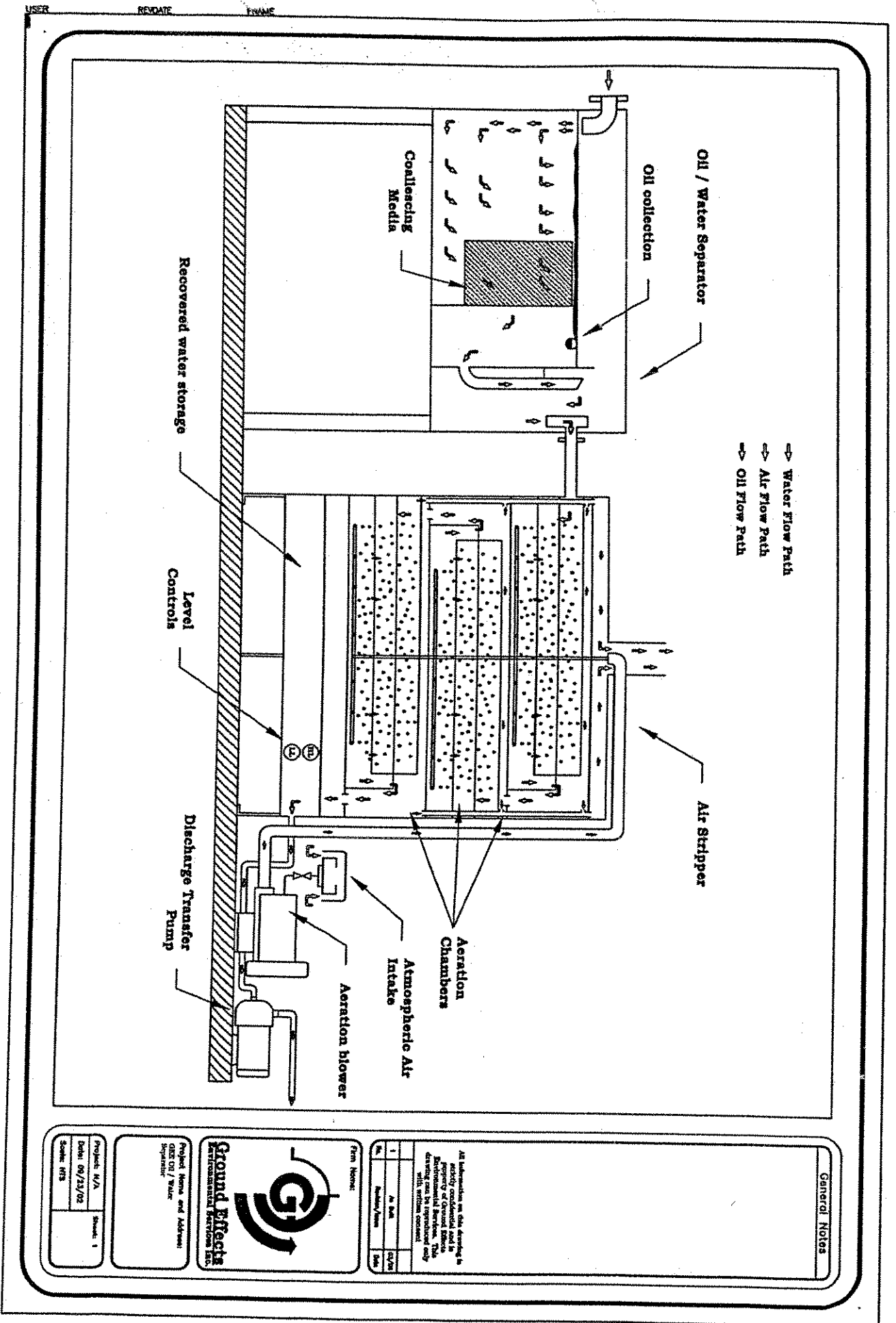


WERI	Client: Transport Canada	Iqaluit Airport Iqaluit, Nunavut Profile of Treatment Area and Sub-Base		
Drawn By: AM	Scale: NTS	Units: As shown	Date: November 2004	Figure No.: 4



WERI	Client: Transport Canada		Iqaluit Airport Iqaluit, Nunavut Groundwater Monitoring Well Detail	
Drawn By: AM	Scale: NTS	Units: As shown	Date: November 2004	Figure No.: 5

Figure 6: Oil/Water Separator and Air Sparging System



General Notes

All information on this drawing is
 strictly confidential and is
 the property of Ground Effects
 Inc. and shall remain the property of
 the client. This drawing is to be used only
 with written consent.

No.	Revised/Issue	Date
1	As Issued	06/28

Form Name:



Ground Effects
 Environmental Services Inc.

Project Name and Address:
 Oil/Water Separator

Project No./A: Sheet: 1
 Date: 06/23/02
 Scale: RTS

