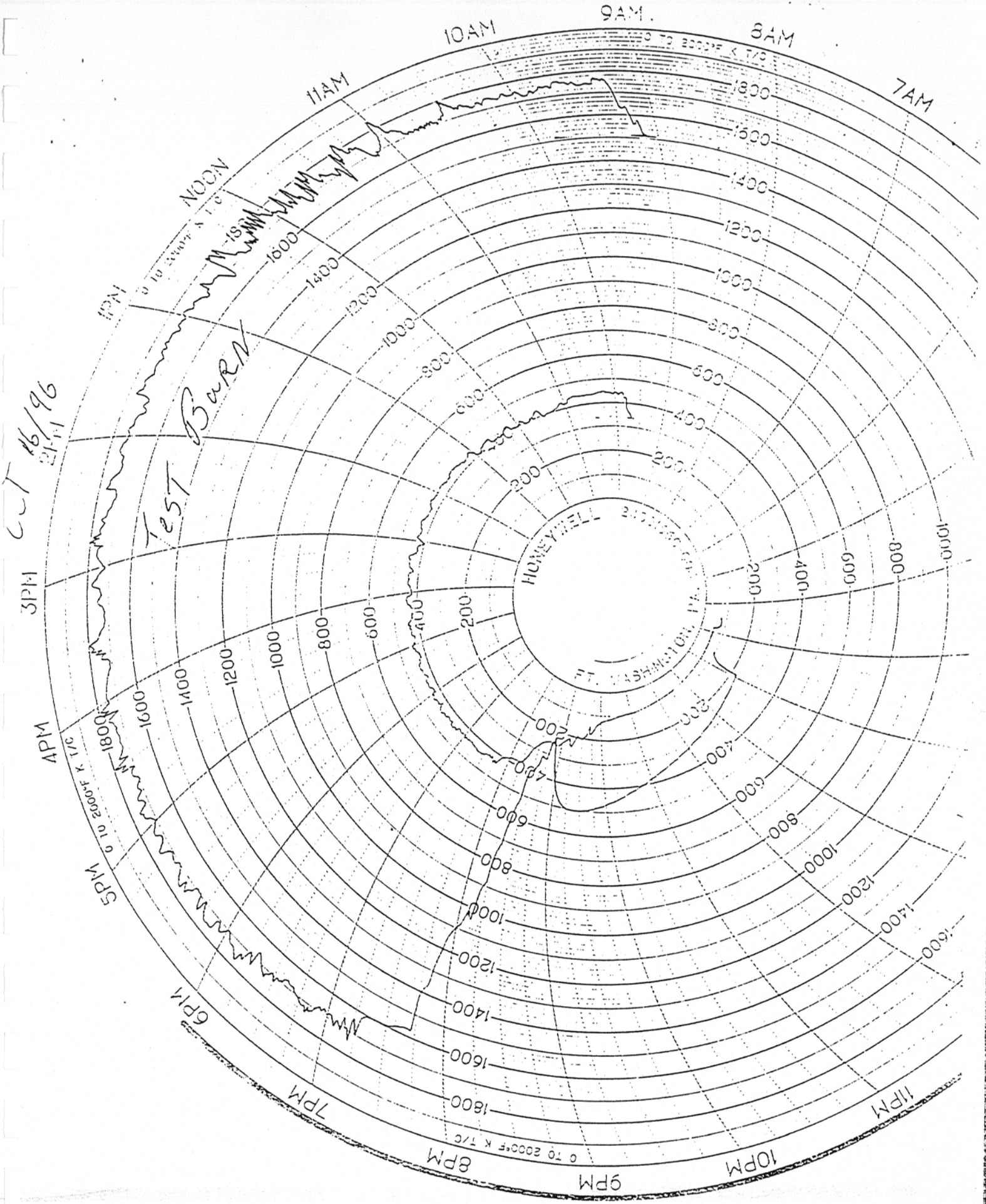


Appendix 2
LTTD Operating Temperature Chart Readings

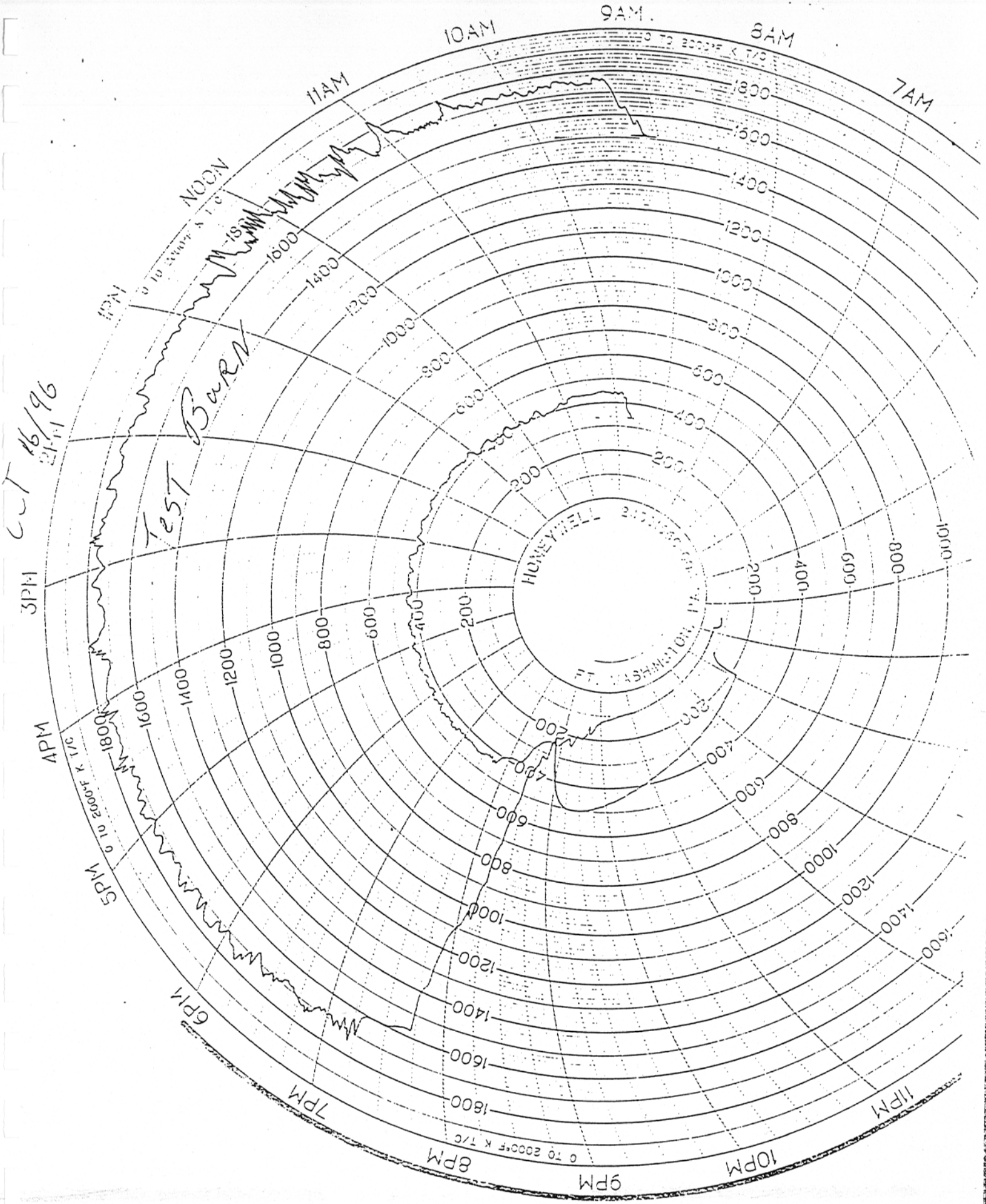




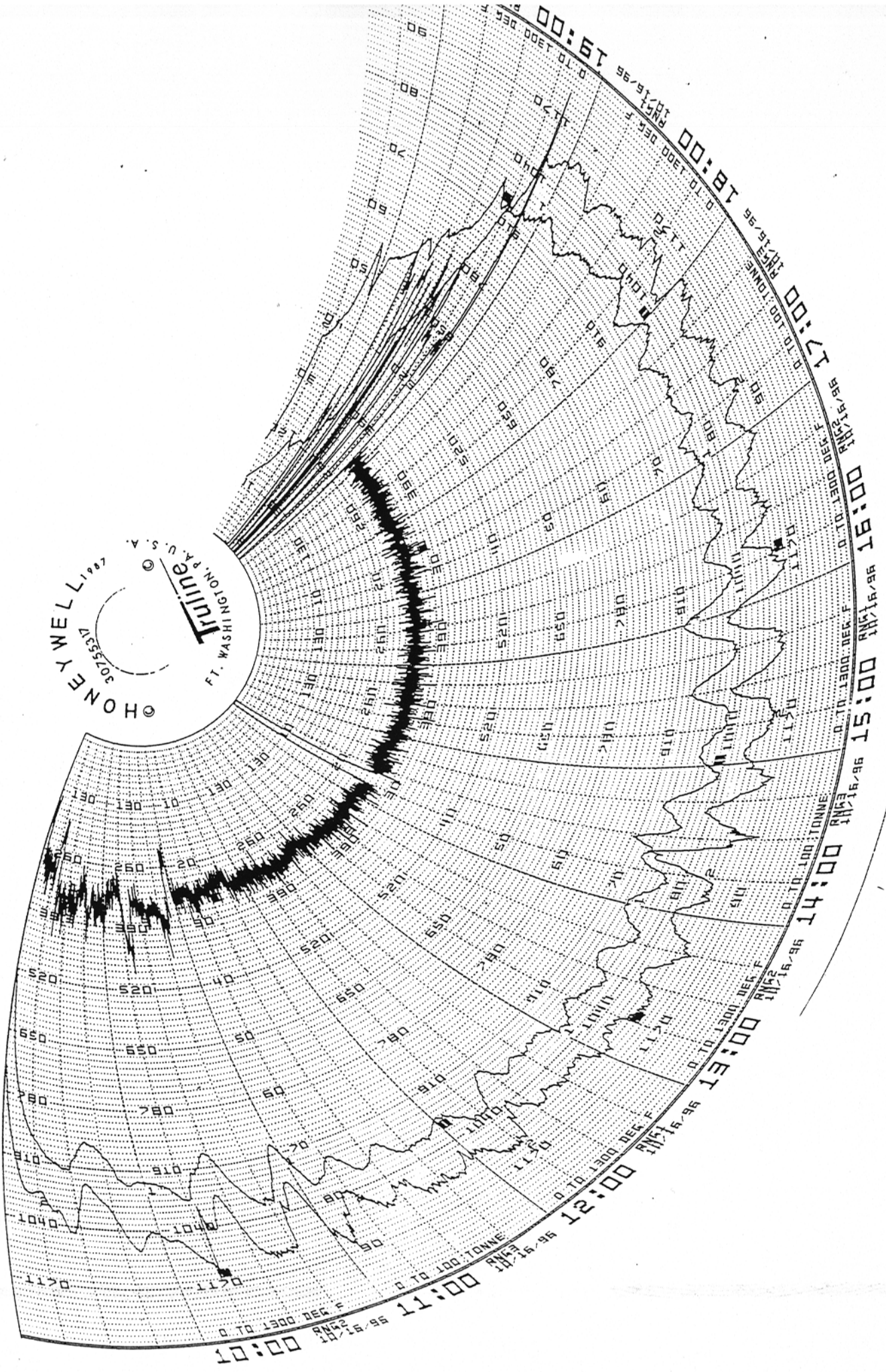
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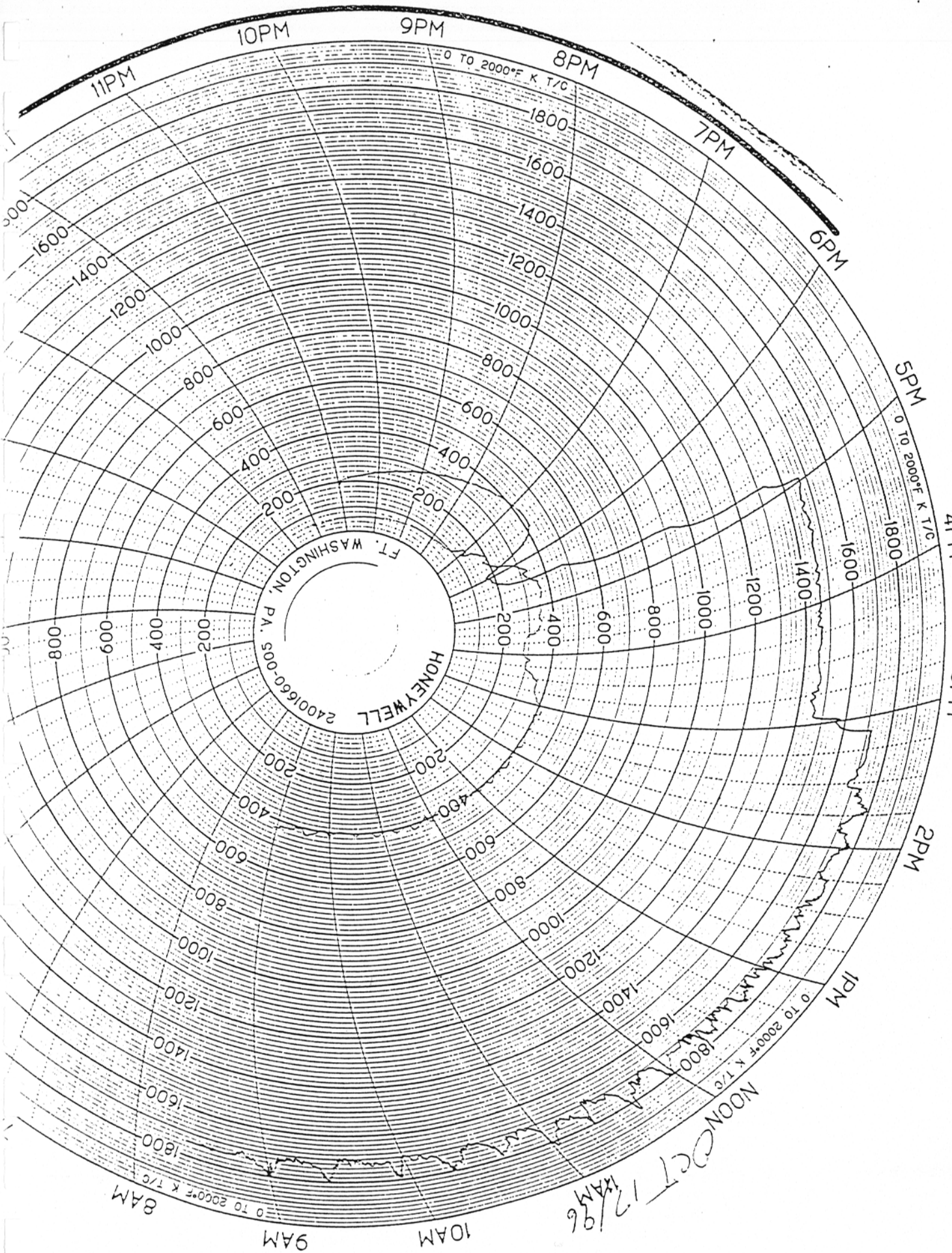
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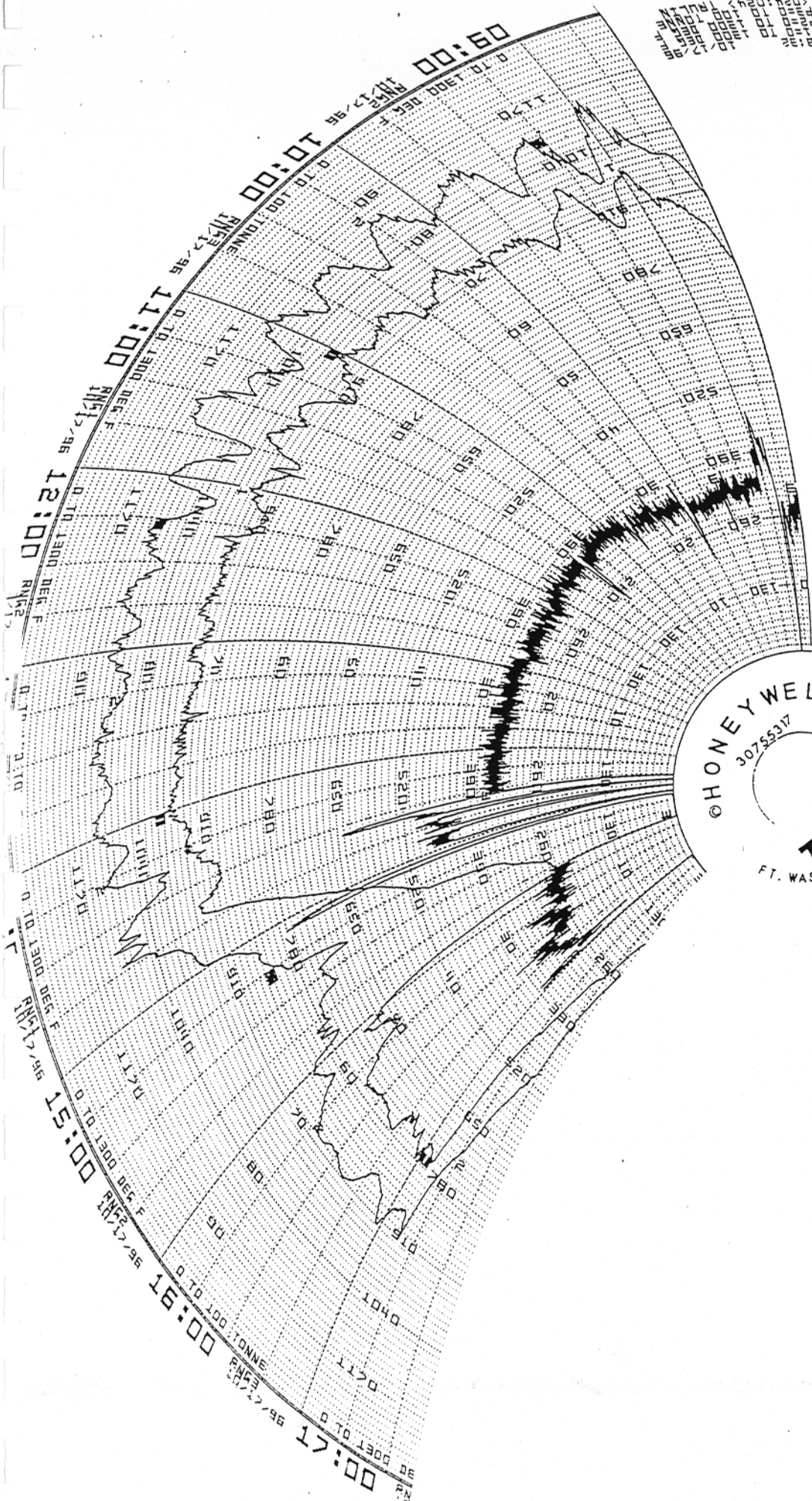
0 TO 2000°F K T/C

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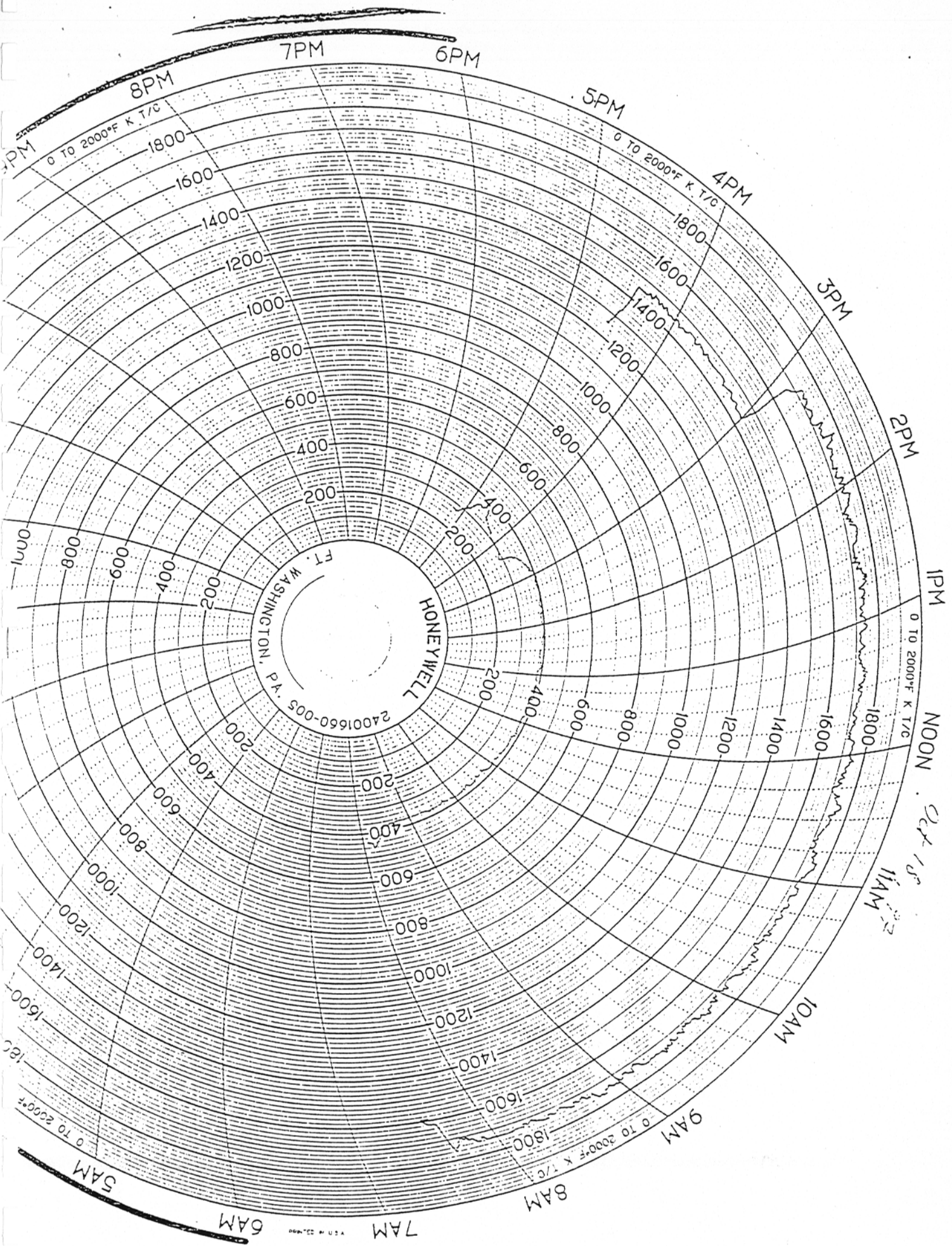
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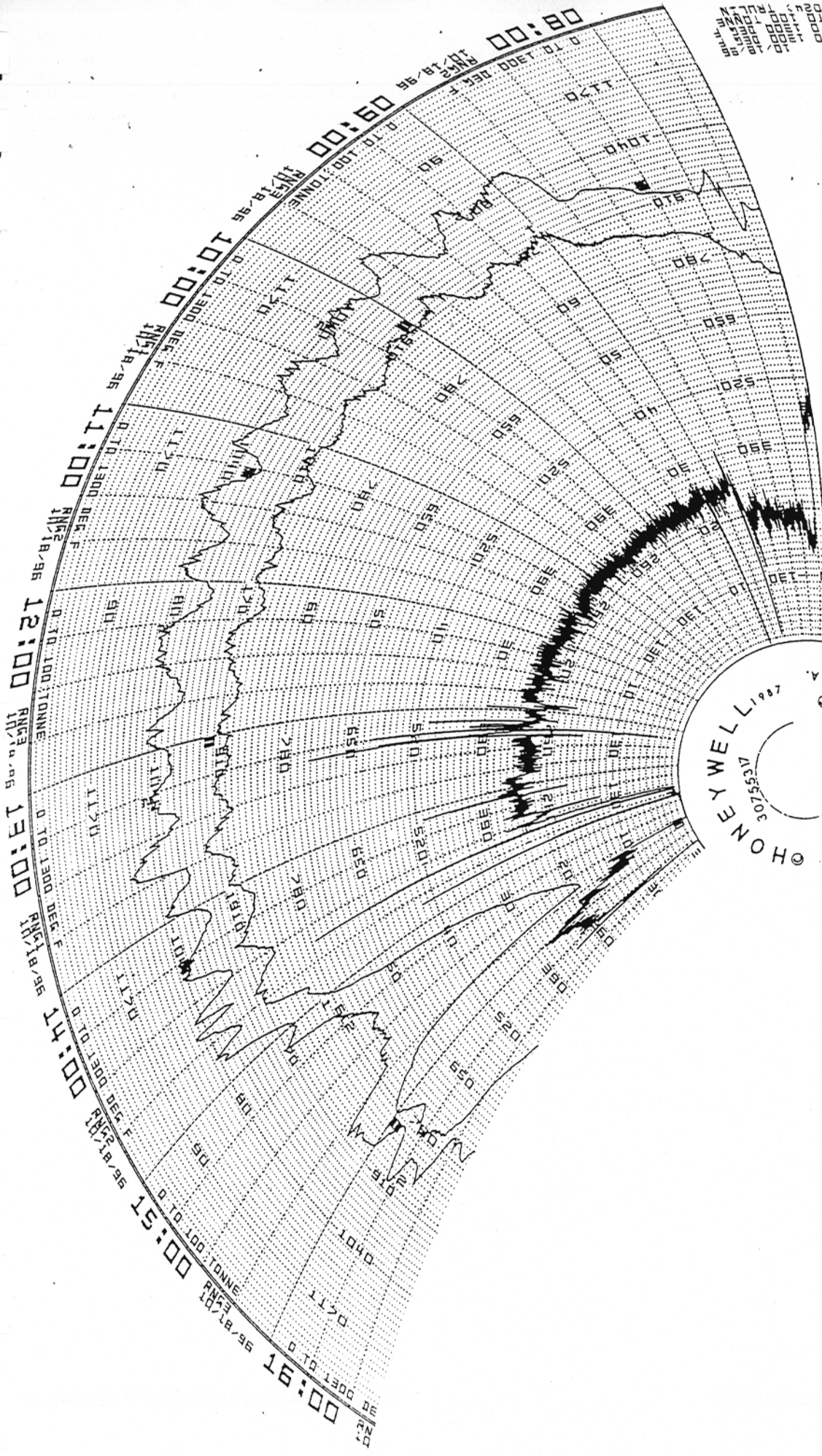
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Appendix 3
Ambient Air Monitoring Results



Appendix 3 - Ambient Air Monitoring Results - 2014

Envirosoil Demonstration Test Burn (Envirosoil Limited, Rocky Lake Road, NS)
 Station 1 Upwind October 16, 1996

Parameter	Results (ng)	Results (ng/m ³)	Detection Limits (ng)
1,2-DICHLOROETHYL ETHER	10.0	0.035	10.0
1,3-DICHLOROBENZENE	10.0	0.035	10.0
1,4-DICHLOROBENZENE	10.0	0.035	10.0
BENZYL ALCOHOL	10.0	0.035	10.0
1,2-DICHLOROBENZENE	10.0	0.035	10.0
BIS (2-CHLOROISOPROPYL) ETHER	10.0	0.035	10.0
DINITROSO-DI-N-PROPYLAMINE	10.0	0.035	10.0
HEXACHLOROETHANE	10.0	0.035	10.0
NITROBENZENE	10.0	0.035	10.0
PHENOL	50.0	0.176	50.0
BENZOIC ACID	10.0	0.035	10.0
BIS (2-CHLOROETHOXY) METHANE	10.0	0.035	10.0
1,2,4-TRICHLOROBENZENE	10.0	0.035	10.0
1,2,3,4-TETRAHYDROPHthalene	10.0	0.035	10.0
4-CHLOROANILINE	10.0	0.035	10.0
2-METHYLNAPHTHALENE	10.0	0.035	10.0
HEXACHLOROCYCLOPENTADIENE	10.0	0.035	10.0
1,2,3,4-TETRAHYDROPHthalene	10.0	0.035	10.0
2-NITROANILINE	50.0	0.176	50.0
1-METHYLPHthalate	10.0	0.035	10.0
1-NAPHTHYLENE	10.0	0.035	10.0
2,6-DINITROTOLUENE	10.0	0.035	10.0
3-NITROANILINE	50.0	0.176	50.0
1-NAPHTHENE	10.0	0.035	10.0
DIBENZOFURAN	10.4	0.037	10.0
2,4-DINITROTOLUENE	10.0	0.035	10.0
1-METHYLPHthalate	10.0	0.035	10.0
1-CHLOROPHENYL PHENYL ETHER	10.0	0.035	10.0
FLUORENE	10.0	0.035	10.0
4-NITROANILINE	50.0	0.176	50.0
1-NITROSODIPHENYLAMINE	10.0	0.035	10.0
1-BROMOPHENYL PHENYL ETHER	10.0	0.035	10.0
HEXACHLOROBENZENE	10.0	0.035	10.0
1-FLUORENENE	10.0	0.035	10.0
1-ANTHRACENE	10.0	0.035	10.0
1-ANTHRACENE	10.0	0.035	10.0
DI-N-BUTYL PHTHALATE	37.9	0.134	10.0
1-ANTHRACENE	10.0	0.035	10.0
1-ANTHRACENE	10.0	0.035	10.0
BUTYLBENZYLPHthalate	10.0	0.035	10.0
1,3,5-TRICHLOROBENZIDINE	20.0	0.071	20.0
BENZO (A) ANTHRACENE	10.0	0.035	10.0
1-ANTHRACENE	10.0	0.035	10.0
BIS (2-ETHYLHEXYL) PHTHALATE	11.6	0.041	10.0
1-N-OCTYL PHTHALATE	10.0	0.035	10.0
BENZO (B) FLUORANTHENE	10.0	0.035	10.0
BENZO (K) FLUORANTHENE	10.0	0.035	10.0
BENZO (A) PYRENE	10.0	0.035	10.0
BENZO (1,2,3-CD) PYRENE	10.0	0.035	10.0
BENZO (A,H) ANTHRACENE	10.0	0.035	10.0
BENZO (G,H,I) PERYLENE	10.0	0.035	10.0

Envirosoil Demonstration Test Burn (Envirosoil Limited, Rocky Lake Road, NS)
 Station 2 Downwind October 16, 1996

Parameter	Results (ng)	Results (ng/m ³)	Detection Limits (ng)
BIS (2-CHLOROETHYL) ETHER	10.0	0.033	10.0
1,3-DICHLOROBENZENE	10.0	0.033	10.0
1,4- DICHLOROBENZENE	10.0	0.033	10.0
BENZYL ALCOHOL	10.0	0.033	10.0
1,2-DICHLOROBENZENE	10.0	0.033	10.0
BIS (2-CHLOROISOPROPYL) ETHER	10.0	0.033	10.0
N-NITROSO-DI-N-PROPYLAMINE	10.0	0.033	10.0
HEXACHLOROETHANE	10.0	0.033	10.0
NITROBENZENE	10.0	0.033	10.0
ISOPHOROENE	50.0	0.167	50.0
BENZOIC ACID	10.0	0.033	10.0
BIS (2-CHLOROETHOXY) METHANE	10.0	0.033	10.0
1,2,4-TRICHLOROBENZENE	10.0	0.033	10.0
NAPHTHALENE	10.0	0.033	10.0
4-CHLOROANILINE	10.0	0.033	10.0
2-METHYLNAPHTHALENE	10.0	0.033	10.0
HEXACHLOROCYCLOPENTADIENE	10.0	0.033	10.0
2-CHLORONAPHTHALENE	10.0	0.033	10.0
2-NITROANILINE	50.0	0.167	50.0
DIMETHYLPHTHALATE	10.0	0.033	10.0
ACENAPHTHYLENE	10.0	0.033	10.0
2,6-DINITROTOLUENE	10.0	0.033	10.0
3-NITROANILINE	50.0	0.167	50.0
ACENAPHTHENE	10.0	0.033	10.0
DIBENZOFURAN	10.0	0.033	10.0
2,4-DINITROTOLUENE	10.0	0.033	10.0
DIETHYLPHTHALATE	10.0	0.033	10.0
1-CHLOROPHENYL PHENYL ETHER	10.0	0.033	10.0
FLUORENE	13.6	0.046	10.0
4-NITROANILINE	50.0	0.167	50.0
1-NITROSODIPHENYLAMINE	10.0	0.033	10.0
1-BROMOPHENYL PHENYL ETHER	10.0	0.033	10.0
HEXACHLOROBENZENE	10.0	0.033	10.0
PHENANTHRENE	16.8	0.056	10.0
ANTHRACENE	10.0	0.033	10.0
DI-N-BUTYL PHTHALATE	15.9	0.053	10.0
FLUORANTHENE	10.0	0.033	10.0
PYRENE	10.0	0.033	10.0
BUTYLBENZYLPHTHALATE	10.0	0.033	10.0
3,3'-DICHLOROBENZIDINE	20.0	0.067	20.0
BENZO (A) ANTHRACENE	10.0	0.033	10.0
CHRYSENE	10.0	0.033	10.0
BIS (2-ETHYLHEXYL) PHTHALATE	11.8	0.039	10.0
DI-N-OCTYL PHTHALATE	10.0	0.033	10.0
BENZO (B) FLUORANTHENE	10.0	0.033	10.0
BENZO (K) FLUORANTHENE	10.0	0.033	10.0
BENZO (A) PYRENE	10.0	0.033	10.0
BENZO (1,2,3-CD) PYRENE	10.0	0.033	10.0
BENZO (A,H) ANTHRACENE	10.0	0.033	10.0
BENZO (G,H,I) PERYLENE	10.0	0.033	10.0

Envirosoil Demonstration Test Burn (Envirosoil Limited, Rocky Lake Road, NS)
 Station 1. Upwind October 17, 1996

Parameter	Results (ng)	Results (ng/m ³)	Detection Limits (ng)
BIS (2-CHLOROETHYL) ETHER	10.0	0.052	10.0
1,3-DICHLOROBENZENE	10.0	0.052	10.0
1,4- DICHLOROBENZENE	10.0	0.052	10.0
BENZYL ALCOHOL	10.0	0.052	10.0
1,2-DICHLOROBENZENE	10.0	0.052	10.0
BIS (2-CHLOROISOPROPYL) ETHER	10.0	0.052	10.0
N-NITROSO-DI-N-PROPYLAMINE	10.0	0.052	10.0
HEXACHLOROETHANE	10.0	0.052	10.0
NITROBENZENE	10.0	0.052	10.0
ISOPHOROENE	50.0	0.260	50.0
BENZOIC ACID	10.0	0.052	10.0
BIS (2-CHLOROETHOXY) METHANE	10.0	0.052	10.0
1,2,4-TRICHLOROBENZENE	10.0	0.052	10.0
NAPHTHALENE	10.0	0.052	10.0
4-CHLOROANILINE	10.0	0.052	10.0
2-METHYLNAPHTHALENE	10.0	0.052	10.0
HEXACHLOROCYCLOPENTADIENE	10.0	0.052	10.0
2-CHLORONAPHTHALENE	10.0	0.052	10.0
2-NITROANILINE	50.0	0.260	50.0
DIMETHYLPHTHALATE	10.0	0.052	10.0
ACENAPHTHYLENE	10.0	0.052	10.0
2,6-DINITROTOLUENE	10.0	0.052	10.0
3-NITROANILINE	50.0	0.260	50.0
ACENAPHTHENE	10.0	0.052	10.0
DIBENZOFURAN	10.0	0.052	10.0
2,4-DINITROTOLUENE	10.0	0.052	10.0
DIETHYLPHTHALATE	10.0	0.052	10.0
-CHLOROPHENYL PHENYL ETHER	10.0	0.052	10.0
FLUORENE	10.0	0.052	10.0
4-NITROANILINE	50.0	0.260	50.0
1-NITROSODIPHENYLAMINE	10.0	0.052	10.0
-BROMOPHENYL PHENYL ETHER	10.0	0.052	10.0
HEXACHLOROBENZENE	10.0	0.052	10.0
PHENANTHRENE	10.0	0.052	10.0
ANTHRACENE	10.0	0.052	10.0
DI-N-BUTYL PHTHALATE	25.4	0.132	10.0
FLUORANTHENE	10.0	0.052	10.0
PYRENE	10.0	0.052	10.0
BUTYLBENZYLPHTHALATE	10.0	0.052	10.0
3,3'-DICHLOROBENZIDINE	20.0	0.104	20.0
BENZO (A) ANTHRACENE	10.0	0.052	10.0
CHRYSENE	10.0	0.052	10.0
BIS (2-ETHYLHEXYL) PHTHALATE	16.9	0.088	10.0
DI-N-OCTYL PHTHALATE	20.9	0.109	10.0
BENZO (B) FLUORANTHENE	10.0	0.052	10.0
BENZO (K) FLUORANTHENE	10.0	0.052	10.0
BENZO (A) PYRENE	10.0	0.052	10.0
BENZO (1,2,3-CD) PYRENE	10.0	0.052	10.0
BENZO (A,H) ANTHRACENE	10.0	0.052	10.0
BENZO (G,H,I) PERYLENE	10.0	0.052	10.0

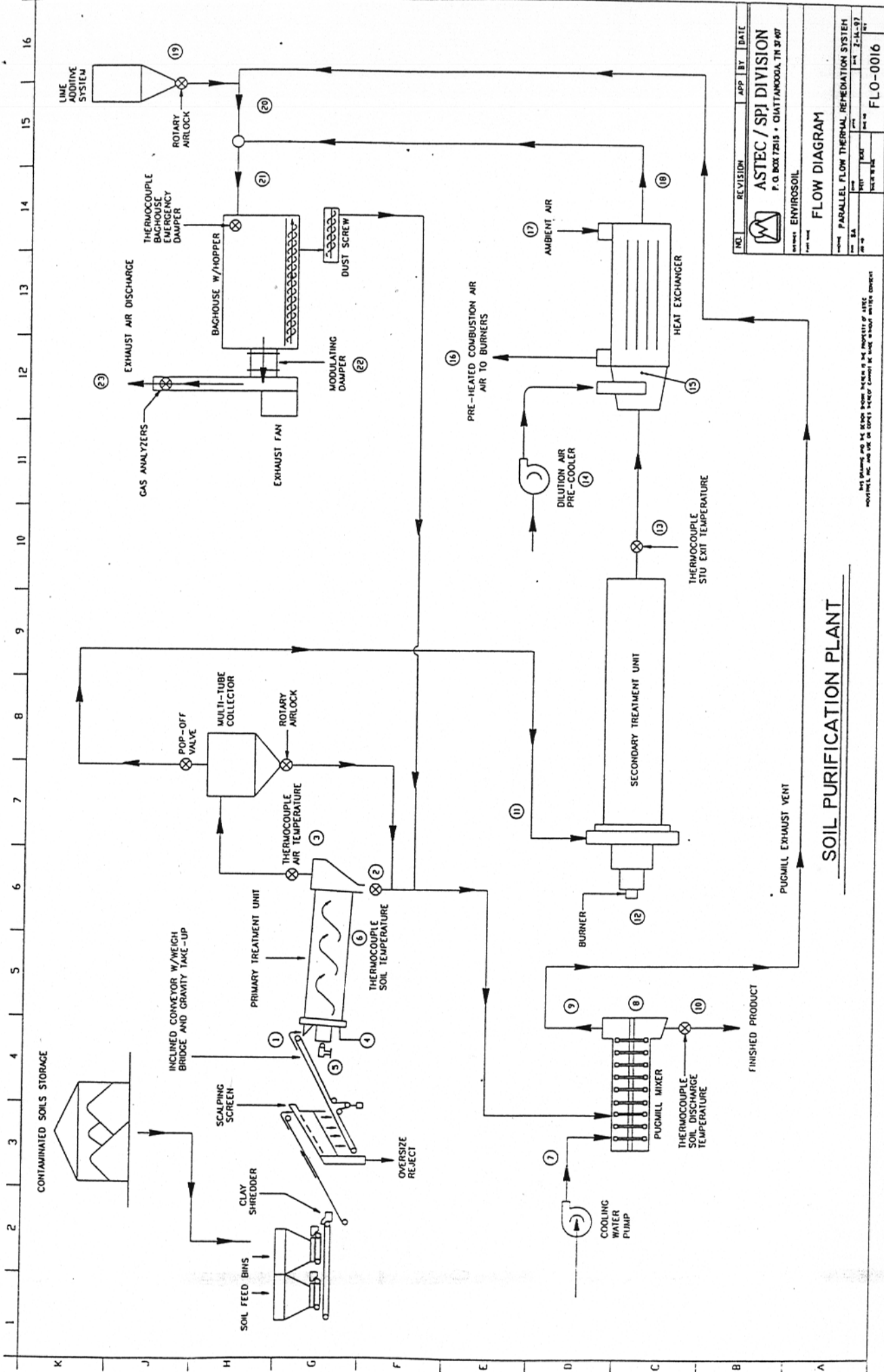
Envirosoil Demonstration Test Burn
Station 2 Downwind October 17, 1996

(Envirosoil Limited, Rocky Lake Road, NS)

Parameter	Results (ng)	Results (ng/m ³)	detection Limits (ng)
BIS (2-CHLOROETHYL) ETHER	10.0	0.036	10.0
1,3-DICHLOROBENZENE	10.0	0.036	10.0
1,4- DICHLOROBENZENE	10.0	0.036	10.0
BENZYL ALCOHOL	10.0	0.036	10.0
1,2-DICHLOROBENZENE	10.0	0.036	10.0
BIS (2-CHLOROISOPROPYL) ETHER	10.0	0.036	10.0
N-NITROSO-DI-N-PROPYLAMINE	10.0	0.036	10.0
HEXACHLOROETHANE	10.0	0.036	10.0
NITROBENZENE	10.0	0.036	10.0
SOPHOROENE	50.0	0.178	50.0
BENZOIC ACID	10.0	0.036	10.0
BIS (2-CHLOROETHOXY) METHANE	10.0	0.036	10.0
1,2,4-TRICHLOROBENZENE	10.0	0.036	10.0
1,2,3,4-TETRAHYDROPHENANTHRENE	10.0	0.036	10.0
4-CHLOROANILINE	10.0	0.036	10.0
2-METHYLNAPHTHALENE	10.0	0.036	10.0
HEXACHLOROCYCLOPENTADIENE	10.0	0.036	10.0
1,2,3,4-TETRAHYDROPHENANTHRENE	10.0	0.036	10.0
2-NITROANILINE	50.0	0.178	50.0
1,2,3,4-TETRAHYDROPHENANTHRENE	10.0	0.036	10.0
1,2,3,4-TETRAHYDROPHENANTHRENE	10.0	0.036	10.0
2,6-DINITROTOLUENE	10.0	0.036	10.0
3-NITROANILINE	50.0	0.178	50.0
1,2,3,4-TETRAHYDROPHENANTHRENE	14.2	0.051	10.0
2,4-DINITROTOLUENE	15.4	0.055	10.0
1,2,3,4-TETRAHYDROPHENANTHRENE	10.0	0.036	10.0
1,2,3,4-TETRAHYDROPHENANTHRENE	10.0	0.036	10.0
1,2,3,4-TETRAHYDROPHENANTHRENE	10.0	0.036	10.0
FLUORENE	16.0	0.057	10.0
4-NITROANILINE	50.0	0.178	50.0
1,2,3,4-TETRAHYDROPHENANTHRENE	10.0	0.036	10.0
4-BROMOPHENYL PHENYL ETHER	10.0	0.036	10.0
HEXACHLOROBENZENE	10.0	0.036	10.0
1,2,3,4-TETRAHYDROPHENANTHRENE	15.4	0.055	10.0
1,2,3,4-TETRAHYDROPHENANTHRENE	10.0	0.036	10.0
DI-N-BUTYL PHTHALATE	27.3	0.097	10.0
1,2,3,4-TETRAHYDROPHENANTHRENE	10.0	0.036	10.0
1,2,3,4-TETRAHYDROPHENANTHRENE	10.0	0.036	10.0
BUTYLBENZYLPHTHALATE	10.0	0.036	10.0
3,3'-DICHLOROBENZIDINE	20.0	0.071	20.0
BENZO (A) ANTHRACENE	10.0	0.036	10.0
CHRYSENE	10.0	0.036	10.0
BIS (2-ETHYLHEXYL) PHTHALATE	10.0	0.036	10.0
1,2,3,4-TETRAHYDROPHENANTHRENE	10.0	0.036	10.0
BENZO (B) FLUORANTHENE	10.0	0.036	10.0
BENZO (K) FLUORANTHENE	10.0	0.036	10.0
BENZO (A) PYRENE	10.0	0.036	10.0
BENZO (1,2,3-CD) PYRENE	10.0	0.036	10.0
BENZO (A,H) ANTHRACENE	10.0	0.036	10.0
BENZO (G,H,I) PERYLENE	10.0	0.036	10.0

Appendix 4
Process Schematic and Flow Diagram



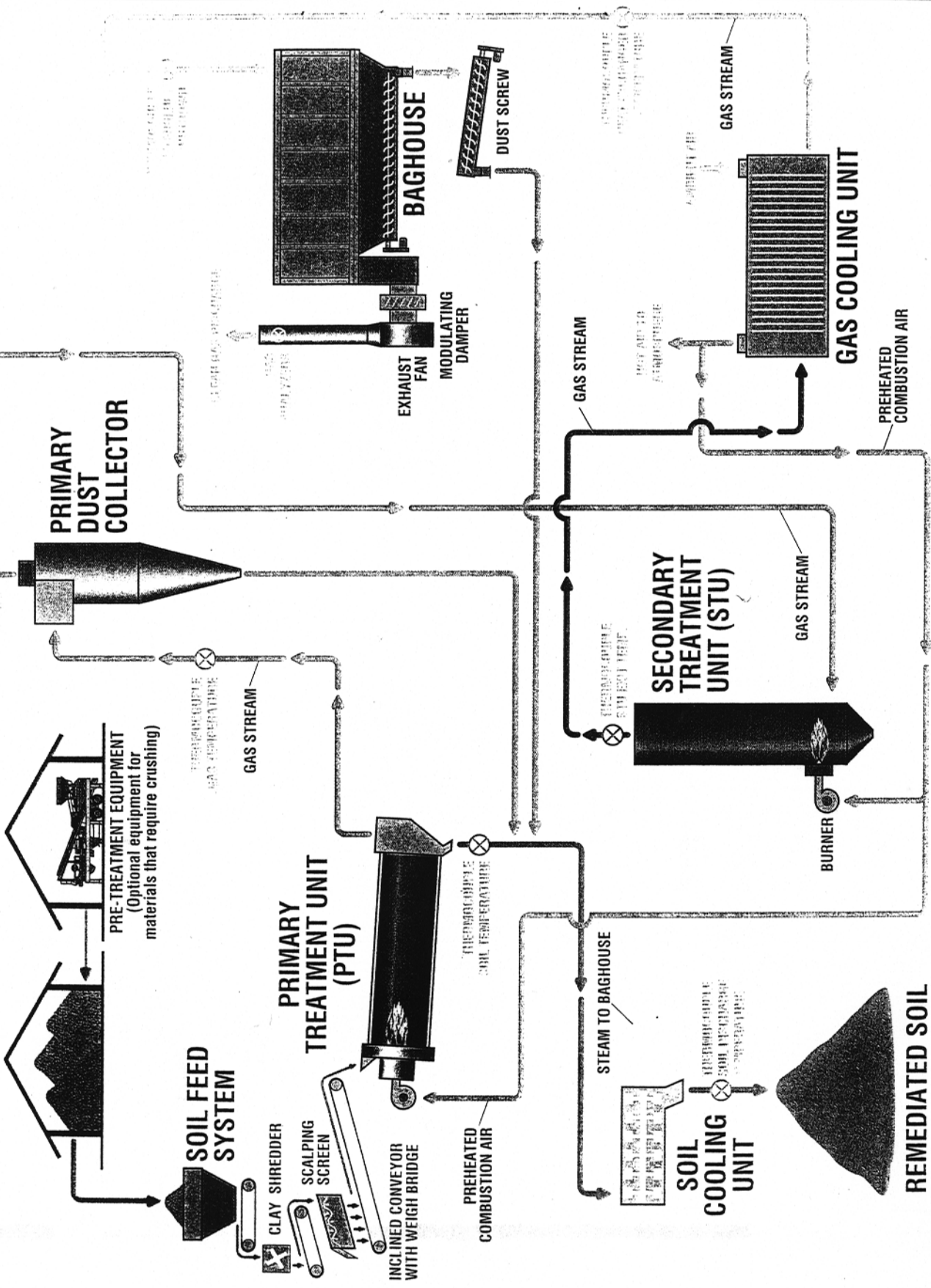


SOIL PURIFICATION PLANT

NO.	REVISION	APP.	BY	DATE
ASTEC / SPJ DIVISION				
P. O. BOX 7215 • CHATTANOOGA, TN 37407				
ENVIROSOIL				
FLOW DIAGRAM				
PARALLEL FLOW THERMAL REDEMPTION SYSTEM				
DATE	SCALE	PROJECT	DATE	BY
				FLO-0016

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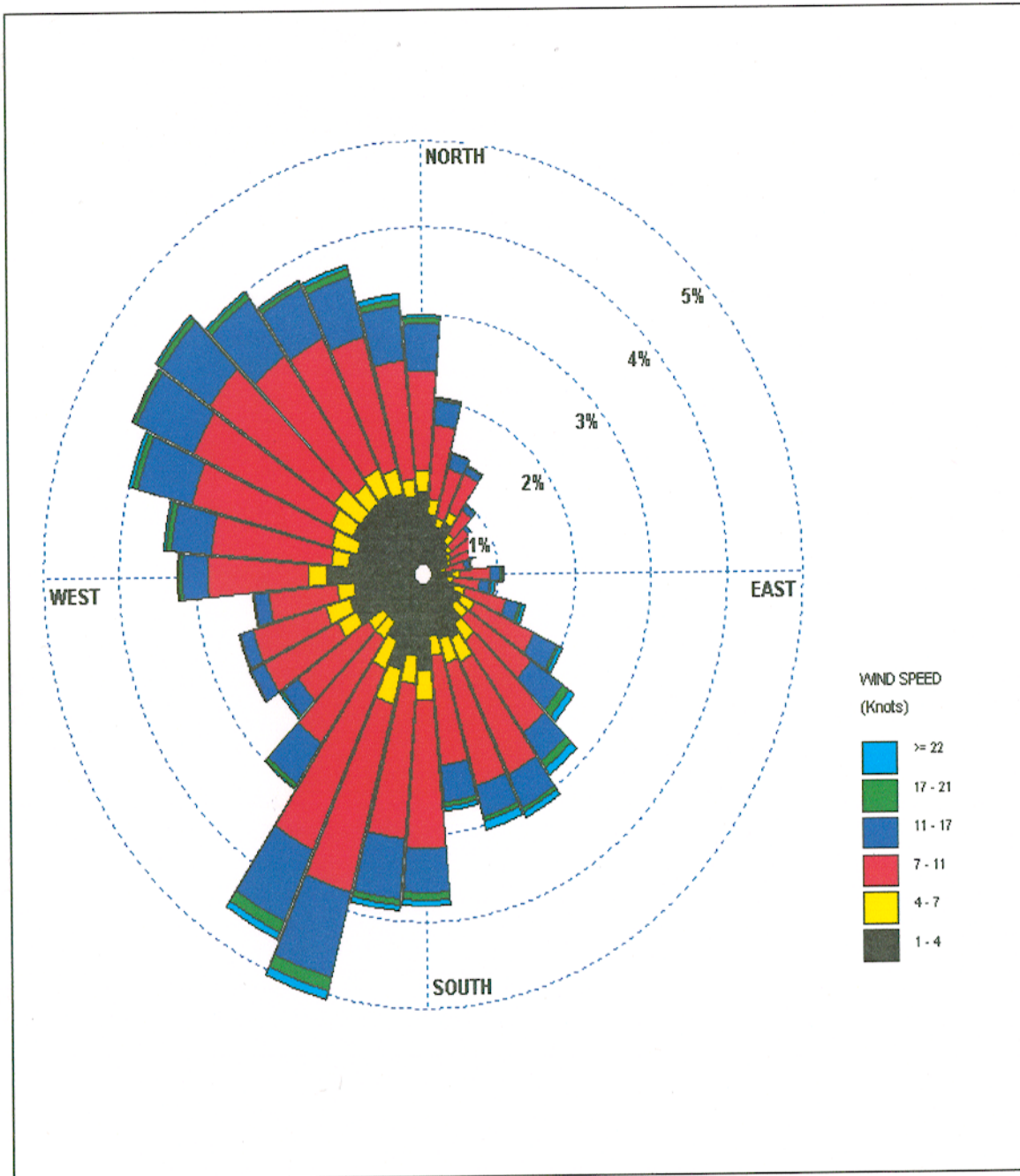
CONTAMINATED SOIL STOCKPILES



Appendix H

Atmospheric Conditions

Appendix H Atmospheric Conditions



Data Collection Point: Halifax International Airport