









CHEMEX LABS LTD.  
SOIL SAMPLES

Page 5  
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COLLECTOR: Dan Brown  
AREA: Col Group  
FIELD MAP:  
DATE: July 29 1971

RESULTS PLOTTED BY:  
MAP:  
DATE:

ANALYST:  
METHOD: H.M.  
CU:  
DATE:

SAMPLE NUMBER	SAMPLE LOCATION	NOTES	TOPOGRAPHY					VEGETATION					SOIL DATA				FIELD SCREENED	VALUES					
			VALLEY BOTTOM	SLOPE UP	SLOPE DOWN	HILL TOP	LEVEL GROUND	HEAVILY WOODED	SPARSELY WOODED	BURNT	LOGGED	GRASSLAND	HORIZON SAMPLED	THICKNESS OF HORIZON	HORIZON DEVELOPMENT			PARENT MATERIAL		Mo	Cu	Pb	Zn
															GOOD	POOR		DRIFT	BEDROCK				
102N-100E		MED BRN, SANDY ROCKY					✓					B	6"-8"		✓	✓							
106N-100E		MED BRN, SANDY ROCKY			✓			✓				B	10"		✓	✓							
110N-100E		BRN, SOIL SAND					✓					B	8"		✓	✓							
92N-100E		MED BRN, SANDY ROCKY		✓								B	10"		✓	✓							
94N-100E		MED BRN, SANDY ROCKY					✓				✓	B	8"		✓	✓							
90N-100E		MED-DARK BRN, SANDY ROCKY		✓							✓	B	9"-10"		✓	✓							
86N-100E		MED BRN, SANDY ROCKY					✓				✓	B	8"		✓	✓							
82N-100E		MED BRN, SANDY SOIL		✓							✓	B	6"-8"		✓	✓							
78N-100E		MED BRN, SANDY ROCKY		✓							✓	B	8"		✓	✓							
79N-104E		MED BRN, SOIL, SAND			✓							B	10"		✓	✓							
82N-104E		MED BRN, SAND, SOIL			✓			✓				B	6"-8"		✓	✓							
96N-104E		LIGHT BRN, SAND, ROCKY	✓									B?	6"		✓	✓							
90N-104E		MED BRN, SANDY, ROCKY			✓							B	8"-10"		✓	✓							
94N-104E		LIGHT BRN, SANDY, ROCKY			✓						✓	B	8"		✓	✓							
98N-104E		MED BRN, SANDY, ROCKY					✓					B	8"		✓	✓							
102N-104E		GREY, BRN, SANDY			✓							B	10"		✓	✓							
106N-104E		LIGHT BRN, SANDY, ROCKY					✓					B	6"		✓	✓							
110N-104E		MED BRN, ROCKY					✓				✓	B	6"-8"		✓	✓							
112N-108E		GREY, BRN, SAND, ROCKY					✓					B	8"		✓	✓							
108N-108E		MED BROWN, ROCKY SANDY					✓					B	6"		✓	✓							
104N-108E		LIGHT BROWN, ROCKY SANDY					✓					B	8"		✓	✓							
96N-108E		LIGHT BROWN, SANDY					✓					B	8"		✓	✓							
92N-108E		LIGHT BROWN, SANDY			✓			✓				B	8"		✓	✓							
88N-108E		FUCK BRUSH TALUS																					
84N-108E		LIGHT BROWN, ROCKY			✓			✓				B	8"		✓	✓							
80N-108E		MED BROWN, ROCKY			✓							B	6"-8"		✓	✓							
76N-108E		RUSTY BROWN, GRAVEL, MOIST					✓				✓	B	1'		✓	✓						WATER TABLE	
72N-108E		MED BROWN, SANDY					✓				✓	B	8"		✓	✓							
70N-112E		MED BROWN, SANDY		✓							✓	B	10"		✓	✓							
74N-112E		MED BRN, SANDY, ROCKY	✓	✓							✓	B	8"		✓	✓							





**CHEMEX LABS LTD.**  
**SOIL SAMPLES**

30 3

COLLECTOR: Don Brown

RESULTS PLOTTED BY: \_\_\_\_\_

ANALYST: \_\_\_\_\_

AREA: Col Group

MAP: \_\_\_\_\_

METHOD: H.M.: \_\_\_\_\_

FIELD MAP: \_\_\_\_\_

DATE: \_\_\_\_\_

CU: \_\_\_\_\_

DATE: July 30, 1971

DATE: \_\_\_\_\_

SAMPLE NUMBER	SAMPLE LOCATION	NOTES	TOPOGRAPHY				VEGETATION					SOIL DATA				FIELD SCREENED	VALUES						
			VALLEY BOTTOM	SLOPE UP	SLOPE DOWN	HILL TOP	LEVEL GROUND	HEAVILY WOODED	SPARSELY WOODED	BURNT	LOGGED	GRASSLAND	HORIZON SAMPLED	THICKNESS OF HORIZON	HORIZON DEVELOPMENT		PARENT MATERIAL		Mo	Cu	Pb	Zn	
															GOOD		POOR	DRIFT					BEDROCK
	78N-112E	MED BROWN, SANDY SOIL					✓	✓				B	6"-8"		✓	✓							
	82N-112E	MED BRN, SANDY ROCKY					✓				✓	B	8"-10"		✓	✓							
	86N-112E	MED BRN, SANDY SOIL					✓				✓	B	1"		✓	✓							
	90N-112E	RED BRN, MUDDY SANDY					✓				✓	B	1"		✓	✓					WATER TABLE		
	94N-112E	LIGHT BRN, SANDY, ROCKY					✓	✓				B	8"		✓	✓							
	98N-112E	LIGHT BRN, SANDY					✓	✓				B	6"-8"		✓	✓							
	102N-112E	MED BRN, SOIL, ROCKY					✓	✓				B	10"		✓	✓							
	106N-112E	LIGHT BRN, SANDY ROCKY					✓	✓				B	8"		✓	✓							
	110N-112E	MED BRN, SANDY ROCKY					✓	✓				B	8"		✓	✓							
	114N-112E	LIGHT BRN, SANDY					✓	✓				B	6"-8"		✓	✓							
	118N-112E	LIGHT BRN, SANDY, ROCKY	✓				✓	✓				B	8"		✓	✓							
	120N-116E	GREY, GRAVEL		✓			✓				✓	B	1"		✓	✓							
	116N-116E	LIGHT BRN, SANDY					✓	✓				B	8"		✓	✓							
	112N-116E	LIGHT BRN, SANDY					✓	✓				B	6"-8"		✓	✓							
	108N-116E	MED BROWN, SANDY		✓			✓	✓				B	8"-10"		✓	✓							
	104N-116E	MED BROWN, MOIST, ROCKY					✓	✓			✓	B	1"		✓	✓							
	98N-116E	MED BRN, MUD, ROCK					✓	✓				B	10"		✓	✓							
	94N-116E	LIGHT BRN, SANDY					✓	✓				B	8"		✓	✓							
	90N-116E	GREY, GRAVEL, MUD					✓	✓				B	8"-10"		✓	✓							
	86N-116E	MED-DAK BRN, MOIST			✓		✓	✓				B	8"		✓	✓							
	82N-116E	LIGHT BROWN, SANDY					✓	✓				B	6"-8"		✓	✓							
	78N-116E	LIGHT TO MED BRN, SANDY	✓				✓	✓			✓	B	8"-10"		✓	✓							
	74N-116E	BLACK ORGANIC, SOIL	✓				✓	✓			✓	A	1"		✓	✓					OUTCROP		
	76N-120E	MED BRN, SANDY			✓		✓	✓			✓	B	8"		✓	✓							
	80N-120E	MED BRN, SANDY, ROCKY			✓		✓	✓				B	10"		✓	✓					TEST		
	84N-120E	LIGHT BROWN, SOIL, SANDY			✓		✓	✓			✓	B	8"		✓	✓							
	88N-120E	BRN + BLACK, MUD, ROCK					✓	✓			✓	A-B	1"		✓	✓							
	92N-120E	MED BROWN, MUD, ROCK					✓	✓			✓	B	1"		✓	✓							
	96N-120E	DAK BRN, MUD ORGANIC					✓	✓				A-B	10"		✓	✓							
	102N-120E	LIGHT BRN, SANDY					✓	✓				B	8"		✓	✓							



**CHEMEX LABS LTD.**  
**SOIL SAMPLES**

90

COLLECTOR: Don Brown  
 AREA: Cal Group  
 FIELD MAP:  
 DATE: July 30, 1971

RESULTS PLOTTED BY:  
 MAP:  
 DATE:

ANALYST:  
 METHOD: H.M.:  
 CU.:  
 DATE:

SAMPLE NUMBER	SAMPLE LOCATION	NOTES	TOPOGRAPHY					VEGETATION					SOIL DATA					FIELD SCREENED	VALUES				
			VALLEY BOTTOM	SLOPE UP	SLOPE DOWN	HILL TOP	LEVEL GROUND	HEAVILY WOODED	SPARSELY WOODED	BURNT	LOGGED	GRASSLAND	HORIZON SAMPLED	THICKNESS OF HORIZON	HORIZON DEVELOPMENT		PARENT MATERIAL		Mo	Cu	Pb	Zn	
															GOOD	POOR	DRIFT						BEDROCK
	106N-120E	MED BROWN MOIST SANDY					✓					✓	B	10'-1"	✓	✓							
	110N-120E	GREY SANDY, ROCKY					✓					✓	B	8"	✓	✓							
	114N-120E	LIGHT BROWN SANDY					✓					✓	B	6'-8"	✓	✓							
	118N-120E	LIGHT BROWN SANDY	✓				✓					✓	B	6'-8"	✓	✓							
	120N-124E	MED-DARK BRN, MUD, SANDY		✓			✓					✓	B	10"	✓	✓							
	116N-124E	LIGHT BRN, GREY, SANDY					✓		✓			✓	B	8"	✓	✓							
	112N-124E	MED BRN, MOIST, ROCKY					✓		✓			✓	B	8"-10"	✓	✓							
	108N-124E	LIGHT BRN, SANDY		✓			✓		✓			✓	B	6'-8"	✓	✓							
	104N-124E	LIGHT BRN, SANDY					✓		✓			✓	B	6'-8"	✓	✓							



# CHEMEX LABS LTD.

## SOIL SAMPLES

11  
9 0

COLLECTOR: J. M. Ross  
 AREA: CON ROAD  
 FIELD MAP: ---  
 DATE: July 21, 1971

RESULTS PLOTTED BY: \_\_\_\_\_  
 MAP: \_\_\_\_\_  
 DATE: \_\_\_\_\_

ANALYST: \_\_\_\_\_  
 METHOD: H.M.: \_\_\_\_\_  
 CU.: \_\_\_\_\_  
 DATE: \_\_\_\_\_

SAMPLE NUMBER	SAMPLE LOCATION	NOTES	TOPOGRAPHY				VEGETATION				SOIL DATA				FIELD SCREENED	VALUES							
			VALLEY BOTTOM	SLOPE UP	SLOPE DOWN	HILL TOP	LEVEL GROUND	HEAVILY WOODED	SPARSELY WOODED	BURNT	LOGGED	GRASSLAND	HORIZON SAMPLED	THICKNESS OF HORIZON		HORIZON DEVELOPMENT		PARENT MATERIAL		Mo	Cu	Pb	Zn
																GOOD	POOR	DRIFT	BEDROCK				
	132E72N	Much organic		✓							✓	B	8"		✓	✓							
	132E72N	Empty, very clay		✓							✓	B	8-10"		✓	✓							
	130E70N	NO Sample - taken 100' E																					
	136E74N	Rtey - light br.										B	8"		✓	✓							
	136E78N	Very good soil										B	12"	✓		✓							
	136E82N	Rtey - w/br										B	10"		✓	✓							
	136E80N	---										B	5"		✓	✓							
	136E90N	Gravel										B	10"		✓	✓							
	120E94N	---										B	8"		✓	✓							
	130E98N	Very light br. soil.			✓							B	8"		✓	✓							

E

**CHEMEX LABS LTD.  
SOIL SAMPLES**

12  
30 0

COLLECTOR: D. Brown

RESULTS PLOTTED BY: \_\_\_\_\_

ANALYST: \_\_\_\_\_

AREA: Col Group

MAP: \_\_\_\_\_

METHOD: H.M.: \_\_\_\_\_

FIELD MAP: \_\_\_\_\_

DATE: \_\_\_\_\_

CU: \_\_\_\_\_

DATE: July 31, 1971

DATE: \_\_\_\_\_

SAMPLE NUMBER	SAMPLE LOCATION	NOTES	TOPOGRAPHY					VEGETATION					SOIL DATA					FIELD SCREENED	VALUES				
			VALLEY BOTTOM	SLOPE UP	SLOPE DOWN	HILL TOP	LEVEL GROUND	HEAVILY WOODED	SPARSELY WOODED	BURNT	LOGGED	GRASSLAND	HORIZON SAMPLED	THICKNESS OF HORIZON	HORIZON DEVELOPMENT		PARENT MATERIAL		Mo	Cu	Pb	Zn	
															GOOD	POOR	DRIFT						BEDROCK
98N-124E		MED-DARK BRN SOIL ROCK					✓	✓				B	10"		✓	✓							
94N-124E		MED BRN SANDY					✓	✓				B	8"-10"		✓	✓							
90N-124E		LIGHT-MED BRN SANDY					✓	✓				B	6"-8"		✓	✓							
86N-124E		MED BRN SANDY					✓	✓				B	8"		✓	✓							
82N-124E		LIGHT-MED BRN SANDY		✓				✓				B	8"		✓	✓							
78N-124E		MED BRN SOIL SANDY		✓				✓				B	8"		✓	✓							
74N-124E		MED BRN SANDY		✓				✓				B	10"		✓	✓							
70N-124E		MED BRN SANDY ROCKY					✓	✓				B	8"		✓	✓							
72N-128E		MED BRN SANDY			✓			✓				B	6"-8"		✓	✓							
76N-128E		MED BRN SANDY ROCKY			✓			✓				B	8"		✓	✓							
80N-128E		LIGHT BRN SANDY			✓			✓				B	8"		✓	✓							
84N-128E		MED BRN MUD ROCK					✓			✓		B	1"		✓	✓							
88N-128E		LIGHT-MED BRN SANDY					✓			✓		B	8"		✓	✓							
92N-128E		LIGHT BRN SANDY					✓			✓		B	6"-8"		✓	✓							
96N-128E		MED BRN SOIL SAND					✓	✓				B	10"		✓	✓							
104N-128E		MED BRN SANDY ROCKY					✓	✓				B	8"		✓	✓							
108N-128E		LIGHT BRN SANDY ROCKY					✓	✓				B	6"-8"		✓	✓							
112N-128E		MED BRN SANDY					✓			✓		B	8"-10"		✓	✓							
116N-128E		MED BRN GREY ROCKY SANDY					✓	✓				B	10"		✓	✓							
120N-128E		MED BROWN MOIST SANDY ✓					✓	✓				B	8"		✓	✓							
118N-132E		LIGHT BRN SANDY ROCKY					✓	✓				B	8"		✓	✓							
114N-132E		LIGHT BRN SANDY					✓		✓			B	6"-8"		✓	✓							
110N-132E		MED BRN SOIL SANDY					✓			✓		B	10"		✓	✓							
106N-132E		LIGHT-MED BRN SANDY					✓	✓				B	8"		✓	✓							
102N-132E		MED BRN SANDY					✓	✓				B	8"		✓	✓							
98N-132E		MED BRN MOIST SANDY					✓	✓				B	10"		✓	✓							
94N-132E		LIGHT BRN SANDY					✓	✓				B	6"-8"		✓	✓							
90N-132E		LIGHT BRN SANDY					✓	✓				B	8"		✓	✓							
86N-132E		MED BRN SANDY		✓				✓				B	8"		✓	✓							
82N-132E		MED BRN MUD ROCK		✓				✓				B	1"		✓	✓							

**CHEMEX LABS LTD.  
SOIL SAMPLES**

13  
10 0

COLLECTOR: Den Brown  
 AREA: Col Group  
 FIELD MAP:  
 DATE: July 31, 1971

RESULTS PLOTTED BY:  
 MAP:  
 DATE:

ANALYST:  
 METHOD: H.M.:  
 CU.:  
 DATE:

SAMPLE NUMBER	SAMPLE LOCATION	NOTES	TOPOGRAPHY					VEGETATION					SOIL DATA					FIELD SCREENED	VALUES				
			VALLEY BOTTOM	SLOPE UP	SLOPE DOWN	HILL TOP	LEVEL GROUND	HEAVILY WOODED	SPARSELY WOODED	BURNT	LOGGED	GRASSLAND	HORIZON SAMPLED	THICKNESS OF HORIZON	HORIZON DEVELOPMENT		PARENT MATERIAL		Mo	Cu	Pb	Zn	
															GOOD	POOR	DRIFT						BEDROCK
78N-132E		DARK BRN, SOIL, SANDY		✓								B	10"	✓	✓								
74N-132E		MED BRN SANDY				✓					✓	B	1"	✓	✓								
70N-132E		MED BRN MUD, SANDY									✓	B	1"	✓	✓								
72N-136E		LIGHT BRN, SANDY, ROCKY				✓					✓	B	6"	✓	✓								
76N-136E		MED BRN, SANDY, ROCKY				✓					✓	B	8"	✓	✓								
80N-136E		LIGHT BRN, SANDY			✓	✓					✓	B	6"-8"	✓	✓								
84N-136E		LIGHT BRN, ROCKY, SANDY		✓							✓	B	8"	✓	✓								
88N-136E		MED BRN SANDY				✓					✓	B	8"-10"	✓	✓								
92N-136E		MED BRN SANDY				✓					✓	B	6"-8"	✓	✓								
96N-136E		MED BRN, SANDY		✓							✓	B	8"	✓	✓								









CHEMEX LABS LTD.  
SOIL SAMPLES

17  
29 1

COLLECTOR: Don Brown  
AREA: Col Group  
FIELD MAP: \_\_\_\_\_  
DATE: Aug 1, 1971

RESULTS PLOTTED BY: \_\_\_\_\_  
MAP: \_\_\_\_\_  
DATE: \_\_\_\_\_

ANALYST: \_\_\_\_\_  
METHOD: H.M.: \_\_\_\_\_  
Cu.: \_\_\_\_\_  
DATE: \_\_\_\_\_

SAMPLE NUMBER	SAMPLE LOCATION	NOTES	TOPOGRAPHY					VEGETATION					SOIL DATA					FIELD SCREENED	VALUES				
			VALLEY BOTTOM	SLOPE UP	SLOPE DOWN	HILL TOP	LEVEL GROUND	HEAVILY WOODED	SPARSELY WOODED	BURNT	LOGGED	GRASSLAND	HORIZON SAMPLED	THICKNESS OF HORIZON	HORIZON DEVELOPMENT		PARENT MATERIAL		Mo	Cu	Pb	Zn	
															GOOD	POOR	DRIFT						BEDROCK
	102N-136E	LIGHT BRN, SANDY					✓				✓	B	8"	✓	✓								
	106N-136E	MED BROWN SOIL, SANDY					✓		✓			B	8"-10"	✓	✓								
	110N-136E	MED BRN, SANDY					✓		✓			B	6"-8"	✓	✓								
	114N-136E	DARK BRN, SOIL					✓	✓			A	B? 10"-1'	✓	✓									
	118N-136E	LIGHT BRN, SANDY					✓	✓				B	6"-8"	✓	✓								
	120N-140E	MIXED GREY, BROWN, SANDY					✓	✓				B	10"-1'	✓	✓								
	116N-140E	GREY, BRN, SANDY, ROCKY					✓		✓			B	8"	✓	✓								
	112N-140E	MED BRN, SANDY, ROCKY	✓						✓			B	8"-10"	✓	✓								
	108N-140E	MED BRN, SANDY, ORGANIC					✓			✓		B	10"	✓	✓								
	104N-140E	LIGHT BRN, SANDY, ROCKY					✓		✓			B	8"	✓	✓								
	<del>106N-140E</del>	LIGHT BRN, SANDY					✓			✓		B	6"-8"	✓	✓								
	92N-140E	LIGHT BRN, SANDY, ROCKY	✓						✓			B	8"	✓	✓								
	88N-140E	L MED BRN, SANDY		✓					✓			B	8"	✓	✓								
	84N-140E	LIGHT BRN, GREY, ROCKY, SANDY	✓						✓			B	6"-8"	✓	✓								
	80N-140E	MED BRN, SANDY					✓			✓		B	8"	✓	✓								
	76N-140E	MED BRN, MUD, ROCKY					✓			✓		B	8"	✓	✓				TEST *				
	78N-140E	MED BRN, SANDY		✓					✓			B	6"-8"	✓	✓								
	82N-140E	DARK BRN, SOIL, SANDY					✓			✓		B	16"	✓	✓								
	86N-140E	LIGHT-MED BRN, SANDY					✓		✓			B	8"	✓	✓								
	90N-140E	LIGHT BRN, GREY, ROCKY		✓					✓			B	6"-8"	✓	✓								
	94N-140E	LIGHT BRN, SANDY		✓					✓			B	8"	✓	✓								
	98N-140E	MED BRN, SANDY					✓		✓			B	8"-10"	✓	✓								
	102N-140E	GREY BRN, SANDY					✓		✓			B	6"-8"	✓	✓								
	106N-140E	REDISH BRN, SANDY		✓					✓			B	8"	✓	✓								
	110N-140E	LIGHT BRN, MOIST, ROCKY		✓					✓			B	10"	✓	✓								
	114N-140E	MED BRN, SANDY			✓				✓			B	6"-8"	✓	✓								
	118N-140E	GREY, BROWN, SANDY					✓		✓			B	8"-10"	✓	✓								
	120N-140E	MED, DARK BRN, SANDY					✓		✓			B	8"	✓	✓								
	116N-140E	LIGHT BROWN, SANDY	✓						✓			B	8"	✓	✓								

CHEMEX LABS LTD.  
SOIL SAMPLES

21 3

COLLECTOR: J. M. ROSS  
AREA: COL GROUP  
FIELD MAP:  
DATE: Aug. 2, 1971

RESULTS PLOTTED BY:  
MAP:  
DATE:

ANALYST:  
METHOD: H.M.  
CU.:  
DATE:

SAMPLE NUMBER	SAMPLE LOCATION	NOTES	TOPOGRAPHY					VEGETATION					SOIL DATA					FIELD SCREENED	VALUES				
			VALLEY BOTTOM	SLOPE UP	SLOPE DOWN	HILL TOP	LEVEL GROUND	HEAVILY WOODED	SPARSELY WOODED	BURNT	LOGGED	GRASSLAND	HORIZON SAMPLED	THICKNESS OF HORIZON	HORIZON DEVELOPMENT		PARENT MATERIAL		Mo	Cu	Pb	Zn	
															GOOD	POOR	DRIFT						BEDROCK
#	160E 98N	Sandy - clay.		✓								38"	8"	✓		✓							
	160E 98N	Light br. soil		✓								38"	8"	✓		✓							
	160E 88N	Clay - lake.										38"	8"	✓		✓							
	160E 84N																						
	160E 80N																						
	160E 76N																						
#	160E 104N	Start: 400' No 160E 110N		✓								38"	10"	✓		✓							
	160E 108N	Very much soil - clay.										38"	8"	✓		✓							
	160E 112N				✓							38"	8"	✓		✓							
	160E 116N	Dark br. soil.			✓							38"	12"	✓		✓							
	160E 120N	clay.			✓							38"	8"	✓		✓							
	160E 124N	clay.			✓							38"	8"	✓		✓							
	160E 88N																						
	160E 84N																						
	156E 98N	400' west of main - Much organic										38"	8"	✓		✓							
	156E 94N	No soil at top										38"	8"	✓		✓							
	156E 90N	Clayey soil										38"	8"	✓		✓							
	156E 102N	Sandy - clay			✓							38"	8"	✓		✓							
	156E 106N	Silty clay soil			✓							38"	8"	✓		✓							
	156E 110N	Very clayey clay			✓							38"	8"	✓		✓							
	156E 114N	DD Sr. milled soil			✓							38"	8"	✓		✓							
	156E 118N	Very poor soil			✓							38"	8"	✓		✓							
	152E 120N	Organic mat.			✓							38"	7"	✓		✓							
	152E 116N	Silty light br. soil			✓							38"	10"	✓		✓							
	152E 112N				✓							38"	8"	✓		✓							
	152E 108N	Light br. soil			✓							38"	8"	✓		✓							
	152E 104N	Light soil			✓							38"	8"	✓		✓							
	152E 96N	Very poor soil			✓							38"	10"	✓		✓							



**CHEMEX LABS LTD.**  
**SOIL SAMPLES**

20  
28 6

COLLECTOR: Don Brown  
 AREA: Col Group  
 FIELD MAP: \_\_\_\_\_  
 DATE: Aug 2, 1971

RESULTS PLOTTED BY: \_\_\_\_\_  
 MAP: \_\_\_\_\_  
 DATE: \_\_\_\_\_

ANALYST: \_\_\_\_\_  
 METHOD: H.M.: \_\_\_\_\_  
 CU.: \_\_\_\_\_  
 DATE: \_\_\_\_\_

SAMPLE NUMBER	SAMPLE LOCATION	NOTES	TOPOGRAPHY					VEGETATION					SOIL DATA				FIELD SCREENED	VALUES					
			VALLEY BOTTOM	SLOPE UP	SLOPE DOWN	HILL TOP	LEVEL GROUND	HEAVILY WOODED	SPARSELY WOODED	BURNT	LOGGED	GRASSLAND	HORIZON SAMPLED	THICKNESS OF HORIZON	HORIZON DEVELOP- MENT			PARENT MATERIAL		Mo	Cu	Pb	Zn
															GOOD	POOR		DRIFT	BEDROCK				
	102N-160E	MED BRN SANDY					✓	✓				B	8" 10"		✓	✓							
	106N-160E	LIGHT BRN SANDY					✓	✓				B	8"		✓	✓							
	100N-160E	SLOPE OF MOSS COVERED BOULDERS										B?	1'		✓	✓							
	114N-160E	LIGHT BRN GREY ROCKY			✓			✓				B	10" 1'		✓	✓							
	118N-160E	MED BRN SANDY ORGANIC			✓			✓				B	6" 8"		✓	✓							
	122N-160E	MED BRN MUD ORGANIC					✓	✓				B?	1'		✓	✓							
	126N-160E	LIGHT BRN ROCKY					✓	✓				B	8"		✓	✓							
	98N-160E	LIGHT BRN SANDY		✓			✓			✓		B	6" 8"		✓	✓							
	94N-160E	GREY ROCKY		✓								B	6" 8"		✓	✓							
	90N-160E	LIGHT MED BRN ROCKY		✓								B	10"		✓	✓							
	86N-156E	GREY BRN ROCKY					✓	✓				B	8"		✓	✓							
	92N-156E	LIGHT BRN SANDY			✓				✓			B	8"		✓	✓							
	96N-156E	DARK BRN ORGANIC					✓					B+	1'		✓	✓							
	104N-156E	MED BRN SANDY ROCKY					✓	✓				B	10"		✓	✓							
	108N-156E	MED BRN SANDY			✓			✓				B	8" 10"		✓	✓							
	112N-156E	MED DARK BRN SANDY ROCKY			✓			✓				B	8" 10"		✓	✓							
	116N-156E	MED BRN SANDY			✓			✓				B	8"		✓	✓							
	120N-156E	MED BRN SANDY SOIL			✓			✓				B	10" 1'		✓	✓							
	118N-152E	MED BRN SANDY		✓				✓	✓			B	10"		✓	✓							
	114N-152E	GREY ROCKY SANDY		✓				✓				A-B	10"		✓	✓							
	110N-152E	LIGHT BRN SANDY					✓	✓				B	6" 8"		✓	✓							
	106N-152E	LIGHT BRN SANDY					✓	✓				B	8"		✓	✓							
	102N-152E	LIGHT BRN SANDY ROCKY					✓	✓				B	8" 10"		✓	✓							
	98N-152E	LIGHT BRN SANDY					✓	✓				B	6" 8"		✓	✓							
	94N-152E	BLACK ORGANIC					✓			✓		A	11"		✓	✓							
	90N-152E	MED BRN SANDY ROCKY		✓				✓				B	8"		✓	✓							
	86N-152E	GREY BRN SANDY SOIL			✓			✓				A-B	8" 10"		✓	✓							
	82N-152E	MED BRN SANDY ROCKY					✓	✓				B	8" 10"		✓	✓							



Pg. 2

**CHEMEX LABS LTD.**  
**STREAM SEDIMENTS - WATER**

COLLECTORS: Jim Ross  
 AREA: CDL GROUP  
 FIELD MAP: —  
 DATE: JUNE 26-30, 1970

RESULTS PLOTTED BY: \_\_\_\_\_  
 POSTING MAP: \_\_\_\_\_  
 DATE: \_\_\_\_\_

ANALYST: \_\_\_\_\_  
 METHOD: (A): \_\_\_\_\_  
 (B): \_\_\_\_\_  
 DATE: \_\_\_\_\_

SAMPLE NUMBER	NOTES	SEDIMENT DATA					STREAM DATA					DRY GULLY	SPRING	SEDIMENT RESULTS						WATER RESULTS						
		Gravel	Sand	Silt	Clay	Organic	Bank	Active	Width	Depth	Velocity			pH	Field Tests			Lab. Tests								
															Cu	HM		Mo	Cu	Pb				Zn		
X-125	Heading on 200' bearing, the 1st. sample of these crossings (E → W) Start from 1000' W. of camp.			✓			✓	1'	3"	Slow							2	102								
X-126	1050' from start - taken from trickle		✓	✓			✓	8"	2"	Slow							5	94	*							
X-127	100' from X-126 (i.e. South of)		✓				✓	8"	3"	Slow																
X-128	1400' from X-127		✓	✓			✓	1'	5"	MED.																
X-129	100' S. of X-128	✓	✓				✓	6"	2"	Slow																
X-130A	300' South - a small trickle			✓			✓	8"	2"	Slow							0	189								
X-131A	500' South of above		✓			✓	✓	1'	7"	MED.							0	112								
X-132	700' S. of X-131A	✓	✓				✓	1 1/2'	6"	MED.																
X-133	300' S. - a small trickle		✓	✓			✓	6"	2"	Slow																
X-134	600' S. of above		✓			✓	✓	8"	2"	Slow																
X-135	500' from X-134 - Poor sample				✓	✓	✓	6"	2"	Slow							0	110								
X-136	300' S. of X-135 - from small creek flow S → N.		✓	✓			✓	2'	6"	MED.							3	78								
X-137	200' S. of X-136 in same creek.		✓	✓	✓		✓	2'	6"	MED.							2	100								
X-138	From finished stream over S → N. 2 mi S. of camp		✓	✓				2'	4"	MED.							0	38	-							
X-139	Taken from stream flow W → E at our camp			✓				1 1/2'	6"	Slow							1	51	✓							

28. 1

**CHEMEX LABS LTD.**  
**STREAM SEDIMENTS - WATER**

COLLECTORS: J.M. Ross  
 AREA: COL GROUP  
 FIELD MAP: \_\_\_\_\_  
 DATE: July 21, 1971

RESULTS PLOTTED BY: \_\_\_\_\_  
 POSTING MAP: \_\_\_\_\_  
 DATE: \_\_\_\_\_

ANALYST: \_\_\_\_\_  
 METHOD: (A): \_\_\_\_\_  
 (B): \_\_\_\_\_  
 DATE: \_\_\_\_\_

SAMPLE NUMBER	NOTES	SEDIMENT DATA					STREAM DATA						DRY GULLY	SPRING	SEDIMENT RESULTS						WATER RESULTS				
		Gravel	Sand	Silt	Clay	Organic	Bank	Active	Width	Depth	Velocity	pH			Field Tests			Lab. Tests							
															Cu	HM		Mo	Cu	Pb				Zn	
X-194	1000' N.E. of camp. Much coarse gr. some srd.	✓	✓					✓	3'	5"	MED														
X-195	1000'. Silt before converging into	✓	✓	✓				✓	3½'	5"	MED														
X-196	2000'. Finer gr. srd.	✓	✓					✓	4'	5"	MED														
X-197	2180'. Converging into above.	✓	✓			✓		✓	4'	4"	MED														
X-198	2500'. Small turbid.		✓	✓				✓	6"	2"	Slow														
X-199	3500'. Small creek.	✓	✓					✓	6'	5"	MED.														
X-200	4300'. Small turbid flowing into		✓	✓				✓	1'	3"	Slow														
X-201	4800'. Taken at fork of stream.		✓	✓				✓	6'	5"	MED.														
X-202	5200'. From same main creek.	✓	✓	✓				✓	4'	5"	MED.														
X-203	6000'. From small turbid		✓	✓				✓	6"	2"	Slow														
X-204	7000'. In <sup>side</sup> main stream	✓	✓	✓				✓	6'	7"	MED.														
X-205	8000'. Main stream	✓	✓					✓	3'	4"	MED.														
X-206	9000'. Main stream at side. Ex. deposit		✓	✓				✓	6'	5"	MED.														
X-207	10000'. Side of main stream.		✓	✓		✓		✓	6'	4"	MED.														
X-208	11,000'. Edge of main stream	✓	✓	✓				✓	6'	6"	MED.														
X-209	12,000'. Side of main stream	✓	✓	✓				✓	8'	7"	MED.														
X-210	12,050'. In stream. Down into		✓	✓		✓		✓	7'	8"	MED.														
X-211	cut to 6500' main stream 200 feet.		✓			✓		✓	3'	4"	MED.														
X-212	cut 1000' upstream.		✓			✓		✓	3'	4"	MED.														
X-213	2000'. No silt gravel.	✓	✓					✓	5'	5"	MED.														
X-214	2000'.		✓			✓		✓	2'	3"	MED.														
X-215	4000'. More sand and silt.	✓	✓					✓	1½'	2"	MED.														
X-216	5000'. Much gravel.	✓	✓					✓	1½'	2"	MED.														

on traced MAP

**CHEMEX LABS LTD.  
STREAM SEDIMENTS - WATER**

COLLECTORS: V.M. ROSS  
 AREA: LOT GROUP  
 FIELD MAP: \_\_\_\_\_  
 DATE: July 27, 1971

RESULTS PLOTTED BY: \_\_\_\_\_  
 POSTING MAP: \_\_\_\_\_  
 DATE: \_\_\_\_\_

ANALYST: \_\_\_\_\_  
 METHOD: (A): \_\_\_\_\_  
 (B): \_\_\_\_\_  
 DATE: \_\_\_\_\_

SAMPLE NUMBER	NOTES	SEDIMENT DATA					STREAM DATA					DRY GULLY	SPRING	SEDIMENT RESULTS						WATER RESULTS		
		Gravel	Sand	Silt	Clay	Organic	Bank	Active	Width	Depth	Velocity			pH	Field Tests			Lab. Tests				
															Cu	HM		Mo	Cu	Pb		
X-212	800' upstream of X-211	✓	✓					✓	3'	4"	Med.											
X-213	800' up fr. X-212 (1600')	✓	✓					✓	2'	5"	Med.											
X-214	1700' stream flowing into E.	✓	✓					✓	15'	3"	Med.											
X-215	1650' stream fr. W. Exc. Silt.	✓	✓					✓	15'	3"	Med.											
X-216	1700' stream fr. W. Exc. Silt.	✓	✓			✓		✓	1'	5"	Med.											
X-217	2500' main stream up fr. X-214	✓	✓					✓	2'	4"	Med.											
X-218	2400' small stream converging	✓	✓					✓	1'	3"	Med.											
X-219	4000' clearing head 340' road	✓	✓	✓				✓	8"	2"	Slow											
X-220	250' N. of X-219	✓	✓	✓		✓		✓	7"	2"	Slow											
X-221	1500' N. of X-219	✓	✓					✓	2'	3"	Slow											
X-222	1700' N. - Exc. Silt & Grd	✓	✓	✓				✓	1 1/2'	3"	Slow											
July 31, 1971																						
X-242	90' S of 78N-124E	✓	✓					✓	2'	4"	M.											
X-243	170' N of 80N-128E	✓						✓	1'	3"	Slow											
X-244	128E 110N + 150' Exc. Silt.			✓				✓	8"	2"	Med.					2	72					
X-245	132E 78N					✓		✓	8"	3"	Med.					15	72					
X-246	440' S of 74N-132E	✓	✓	✓				✓	8"	3"	M.					13	128					
X-247	136E 72N Poor Sample					✓		✓	1'	2"	Med.					16	60					

Pacing 2/2

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# CHEMEX LABS LTD.

## STREAM SEDIMENTS - WATER

Pg 2

COLLECTORS: J.M. ROSS

RESULTS PLOTTED BY: .....

ANALYST: .....

AREA: COB GROUP

POSTING MAP: .....

METHOD: (A): .....

FIELD MAP: .....

DATE: .....

(B): .....

DATE: July 28, 1971

DATE: .....

SAMPLE NUMBER	NOTES	SEDIMENT DATA					STREAM DATA					DRY GULLY	SPRING	SEDIMENT RESULTS						WATER RESULTS				
		Gravel	Sand	Silt	Clay	Organic	Bank	Active	Width	Depth	Velocity			H	Field Tests			Lab. Tests						
															Cu	HM		Mo	Cu	Pb				Zn
X-223	large clearing 100N 114E.		✓			✓		✓	2'	2"	Slow													
X-224	100N 101E. small hole	✓	✓	✓				✓	0'	2"	Slow													
X-225	100N 145E. small hole - clearing		✓	✓		✓		✓	4'	3"	Slow													
X-226	101N 100E. End of line	✓			✓	✓		✓	1'	2"	Slow													
X-227	114E 94N		✓	✓		✓		✓	6"	2"	Slow													
X-228	114E 93N	✓						✓	2'	3-4'	MED.													
X-229	114E 91N - 50'		✓	✓		✓		✓	8"	2"	Slow													
X-230	114E 89 - 50' N.	✓	✓	✓				✓	1 1/2'	4"	Slow													
X-231	114E 80 - 50' N.	✓	✓					✓	2'	6"	Slow													
<u>July 29, 1971</u>																								
X-232	90' N of 102N 100E		✓	✓		✓		✓	8"	5"	Slow													
X-233	50' S of 94N 100E	✓	✓					✓	1'	4"	Slow													
X-234	90' N of 102N - 104E		✓	✓		✓		✓	4"	1"	Slow													
X-235	30' S of 76N 108E		✓	✓		✓		✓	1'	24"	Slow													
<u>July 30, 1971</u>																								
X-236	70' S of 88N - 112E	✓	✓					✓	8'	3"	S.						10	110						
X-237	112E 90N	✓	✓					✓	1'	3"	S.						12	128						
X-238	50' N of 102N - 112E	✓		✓		✓		✓	1'	3"	M.						1	189						
X-239	116E 108N					✓	✓	✓	8"	2"	S.						5	122						
X-240	116E 108N	✓	✓						2'	4"	S.						2	183						
X-241	35' N of 104N - 116E		✓						1'	3"	S.						5	96						

**CHEMEX LABS LTD.**  
**STREAM SEDIMENTS - WATER**

19-3

COLLECTORS: Don Brown  
 AREA: Col Group  
 FIELD MAP:  
 DATE: Aug 1, 1971

RESULTS PLOTTED BY:  
 POSTING MAP:  
 DATE:

ANALYST:  
 METHOD: (A):  
 (B):  
 DATE:

SAMPLE NUMBER	NOTES	SEDIMENT DATA					STREAM DATA					DRY GULLY	SPRING	SEDIMENT RESULTS						WATER RESULTS						
		Gravel	Sand	Silt	Clay	Organic	Bank	Active	Width	Depth	Velocity			pH	Field Tests			Lab. Tests								
															Cu	HM		Mo	Cu	Pb				Zn		
X-249	50'S of 96N-140E	✓	✓	✓			✓	1'	4"	S								6	72							
X-250	80'S of 80N-140E	✓	✓	✓			✓	1 1/2'	2-4"	S						TEST		12	22							
X-252		✓	✓				✓	5-6'	6"	F								3	60							
X-248	140E-120N Exc. site			✓			✓	1'	3"	S								7	108							
X-251	140E-75N - Exc. site			✓	✓		✓	1'	3"	S								5	22							
AUG. 2, 1971																										
X-254	118N-100E			✓			✓	8"	3"	slow								4	96							
X-256	35' S of 94N-152E	✓	✓	✓			✓	2'	4"	M								6	74							