

R 33

BONDAR-CLEGG & COMPANY LTD.

See Data 1 file

GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR P. BROWNSWORD

013910

AREA FYRE LAKEDATE 27/6/66

PROJECT _____

LOCATION REF. ASA GROUP

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
1380	68 27 W	u	SWAMP		8	GREY BROWN	SAND		32	4	57	
1	20								38	12	114	
2	25								30	8	81	
3	24								8	8	34	
4	23								4	12	84	
5	22								NO	12	38	
6	21								2	12	28	
7	20								12	4	65	
8	19								48	12	114	
9	18								4	NO	13	
90	17								12	20	28	
1	16								16	NO	62	
2	15								16	12	34	
3	14								30	24	60	
1394	13								24	14	52	

BONDAR-CLEGG & COMPANY LTD.

GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR P. BROWNSWORD

 AREA FYRE LAKE

 DATE 27/6/66

PROJECT _____

 LOCATION REF. ASH GROUP

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
1395	^{L68} 12W	<u>←</u>	SWAMP		8	GREY BROWN	SAND		35	10	89		
6	11								48	8	126		
7	10								34	16	56		}
8	9								10	8	46		
9	8								10	12	67		
1400	7								10	10	63		
1	6								32	14	76		
2	5								22	10	50		
3	4								30	8	85		
4	3								22	24	87		
5	2								28	8	70		
6	1								52	24	100		
7	^{L68} 1 E								46	4	126		
8	2								44	22	146		
1409	3								26	14	76		

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SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
1410	L64 1E	<u>W</u>	SWAMP		8	GREY BROWN	SAND		18	20	62		
11	L64 1W								44	36	65		
12	2								28	24	66		
13	3								30	20	54		
14	4								14	32	58		
15	5								30	12	60		
16	6								26	20	62		
17	7								24	32	83		
18	8								32	20	77		
19	9								26	36	79		
20	10								ND	8	32		
21	11								2	ND	40		
22	12								10	10	26		
23	13								18	24	73		
14 24	14								4	8	31		

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SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
1425 ¹⁶⁴	15 W	<u>—</u>	SWAMP		8	GREY BROWN	SAND		14	12	6	7
6	16								6	16	32	
7	17								12	12	47	
8	18								40	26	171	
9	19								22	16	44	
1430	20								32	20	110	
1	21								42	20	120	
2	22								34	24	189	
3	23								24	20	76	
4 ⁶⁰	32 W								22	12	72	
5	31								20	16	63	
6	30								14	18	52	
7	29								38	NW	108	
8	28								20	20	104	
1439	27								10	NW	36	

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SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
1440	26	11	BUCK BRUSH SWAMP		8	GREY BROWN	SAND		12	18	88	
1	25								12	NO	63	
2	24								4	16	36	
3	23								10	6	79	
4	22								16	NO	90	
5	21								34	20	87	
6	20								52	20	102	
7	19								54	24	128	
8	18								46	10	67	
9	17								26	32	98	
1450	16								32	32	96	
1	15								14	12	36	
2	14								32	16	87	
3	13								50	20	106	
1454	12								14	12	59	

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SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS		
1455	L60 11 W	11	BUCK BRUSH SWAMP		8/	GREY BROWN	SAND		20	NO	60
6	10	"			"	"			20	18	60
7	L52 15 W	"			"	"			20	28	59
8	16	"			"	"		L 7 } L 8 } L 9 } L 10 } L 11 }	38	28	64
9	17	"			"	"			32	12	56
1460	18	"			"	"			42	12	85
61	L48 22 W	"			"	"			18	10	36
62	21	"			"	"			36	12	65
63	20	"			"	"					
4	19	"			"	"					
5	18	"			"	"			21	20	50
6	17	"			"	"			18	12	49
7	16 W	"			"	"			16	8	62
8	L44 (?) 11 W	"			"	"			22	8	70
1469	12 W	"			"	"			64	12	126

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SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
1470	L12 32W	↑	BUCK BRUSH		14	GREY	SAND	BEACH	50	ND	35		
1	33				"	"	"		92	ND	143		
2	34				8	"	"		10	8	26		
3	35	↑			"	"	"		8	16	32		
4	36				10	BROWN	"		20	12	77		
5	37	↑			"	DARK BROWN	"		22	22	43		
6	38				"	"	"		88	10	83		
7	39				12	BLACK	"		84	14	79		
8	40				"	"	"		24	12	53		
9	41				12	GREY	"		56	ND	8		
1480	42				"	"	"		70	2	22		
1	43				"	"	"		40	ND	15		
2	44				"	"	"		16	4	59		
3	45				"	"	"		8	8	38		
1484	L16 45W	↑			"	"	"		38	12	56		

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SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
1485	L16 44W	↑			10	GREY BROWN	SAND		45	12	53	
6	43				"	"	"		106	16	79	
7	42				"	"	"		44	16	52	
8	41				"	"	"					
9	40	↓ ↑			16	GREY BLACK	SAND		32	40	72	
90	39	↑ ↓			8	BROWN	"		30	24	100	
4	38	↑			"	"	"		18	32	81	
2	37	↑			"	"	"		16	16	62	
3	36	—			"	"	"		18	12	63	
4	35	—			8	GREY	SAND		6	12	25	
5	34	—			"	"	"	BEACH	16	12	29	
6	L20 34W	—			"	"	"		16	12	58	
7	35	—			"	"	"		20	52	79	
8	36	↑			"	"	"		22	12	100	
1499	37	↑			"	"	"		32	24	88	

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SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
1500	^{L20} 38 W	↑			10	BROWN	SAND		26	44	72		
1	39	"			"	"			28	ND	56		
2	40	"			"	"			26	ND	63		
3	41	"			"	"			34	16	81		
4	42	"			"	"			62	4	49		
5	43	"			"	"			36	ND	10		
6	44	"			"	"			68	18	70		
7	45	"			"	"			52	14	59		
8	^{L24} 45 W	↑			"	"			70	8	134		
9	44	"			"	"			50	8	112		
10	43	"			"	"			36	8	102		
1	42	"			12	GREY			26	24	83		
2	41	"			"	"			10	4	83		
3	40	✱			10	BROWN	SAND		16	32	62		
1514	39	↓			"	"	"		16	20	108		

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SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
1515	⁴²⁴ 38N	↕			10	RUST	SAND		12	24	92		
6	37	↑			"	"	"		32	26	90		
7	36	↑			"	"	"		8	14	73		
8	35	↑			"	BROWN	"		14	16	31		
9	34	↑			"	"	"		14	NO	58		
1520	33	↑			"	"	"	BEACH	22	28	123		
1	⁴²⁸ 32W	4			6	LIGHT BROWN	SAND		30	20	86		
2	33	"			"	"	"		16	NO	46		
3	34	"			10	BROWN			28	22	126		
4	35	"			"	"			34	6	201		
5	36	"			12	DARK BROWN			56	16	104		
6	37	"			"	"			116	28	100		
7	38	"			"	"			228	14	175		
8	39	"			"	"			10	NO	77		
1529	40	"			"	"			16	28	70		

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SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
1530	41	↑			8	RUST	SAND		6	2	94	
1	42				"	↑			18	NO	20	
2	43				"	↓			24	20	180	
3	44				"	"			23	8	146	
4	45				"	↓			6	28	29	
5	^{L32} 45W	↑			10	BROWN			20	28	33	
6	44				"	"			20	4	53	
7	43				"	"			6	4	29	
8	42				"	"			12	8	41	
9	41				"	"			38	NO	108	
15 40	40				"	"			8	16	77	
1	39				14	GREY			9	6	53	
2	38				"	"			20	24	92	
3	37	↑			10	BROWN			14	28	60	
154 4	^{L36} 36W	—			10	GREY			22	4	53	

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SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
1545	^{L36} 37W	↑			10	GREY	SAND		12	20	77		
6	38				"	"	"		8	ND	40		
7	39				"	"	"		22	4	81		
8	40				"	"	"		ND	20	38		
9	41				8	BROWN			22	36	46		
50	42	↑			"	"			16	8	83		
1	43				"	"			12	24	20		
2	44				"	"			10	14	55		
3	45				"	"			14	16	57		
4	^{R40} 45W	↑			"	"			22	16	123		
5	44				"	"			10	4	43		
6	43				"	"			22	6	58		
7	42				"	"			4	8	38		
8	41				10	PARK BROWN			12	20	52		
15 60	40				"	"			22	16	31		

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SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
1541	L40 39W	←			6	GREY BROWN	COARSE SAND		10	4	32		
2	38	←			"	"			20	ND	67		
3	37	←			"	"			20	12	77		
4	L36 31W	←			"	"			18	16	72		
5	30	←			"	"			16	8	70		
6	29	←			"	"			28	ND	96		
7	28	←			"	"			38	ND	104		
8	27	←			"	"			26	12	70		
9	L32 33W	←			"	"			16	2	43		
1570	32	←			"	"			20	12	77		
1571	31	←			"	"			16	ND	69		

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 LOCATION REF. ASH GROUP

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS		
1572	L40 16W	1	BUCK BRUSH SWAMP		6	BROWN GREY	SAND	BEACH	16	4	65
3	17	4			"	"			13	18	58
4	18	4			"	"			32	8	62
5	A	"			"	"	"	river	160	4	112
6	L44 21W	"			"	"	"		36	20	100
7	22	"			"	"			22	8	53
8	23	"			"	"			36	12	77
9	24	"			"	"		river	20	16	52
80	L48 22W	"			"	"			23	ND	104
1	23	"			"	"			32	20	116
2	24	"			"	"			30	24	179
3	25	"			"	"		river	34	24	96
4	L52 21W	"			"	"			38	4	69
5	22	"			"	"			36	32	104
1586	23	"			"	"			24	14	70

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SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
1587	^{LS2} 24 W	⊥	BUCK BRUSH SWAMP		6	GREY BROWN	SAND		32	20	81		
8	25	"							38	24	68		
9	26	"							50	32	96		
90	27	"							36	6	69		
1	28	"							44	36	108		
2	29	"							30	14	60		
3	30	"							36	20	94		
4	31	"							20	20	58		
5	32	"						river					
6	⁵⁶ 11 W	"							20	4	49		
7	12	"							16	12	47		
8	13	"							20	8	57		
9	14	"							28	24	94		
1600	15	"							48	24	104		
1601	16	"							22	32	65		

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 COLLECTOR P. BROWNSWORD

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 LOCATION REF. ASH GROUP

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
1629	L52 44W	—	BUCK BRUSH SWAMP		6	GREY BROWN	SAND		18	10	62		
30	43								26	20	55		
1	42								18	4	88		
2	41								12	10	58		
3	40								42	26	139		
4	39								76	28	118		
5	38								26	18	77		
6	37								26	20	79		
7	36								22	14	85		
8	L48 38W								26	26	90		
9	39												
1640	40								4	4	22		
1	41								2	18	17		
2	42								16	16	28		
1643	43								1	16	29		

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SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
1644	^{L48} 44W	<u>4</u>	BUCK BRUSH SWAMP		8	GREY BROWN	SAND		14	18	40		
5	45								20	16	67		
C	^{L44} 45W												
7	44								10	16	53		
8	43								34	NO	88		
9	42								24	4	55		
1650	41								12	16	59		
1	40								18	8	79		
2	39								24	4	62		
3	38								42	10	90		
4	37								38	20	90		
5	^{L8} 29								26	8	55		
6	30								30	12	60		
7	31								32	18	60		
1658	32								28	10	63		

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SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
1659	L8 33W	→			8	Red	Beach sand		3	NO	60	
1660	34	↑	BUCK BRUSH & TREES		8	GREY BROWN	SAND		36	NO	96	
1	35				"	"	"		22	24	87	
2	36				"				45	6	40	
3	37				"							
4	38				"				54	28	60	
5	39				"				40	4	49	
6	40	↑			"				20	20	62	
7	41				"				34	4	58	
8	42				"				36	6	36	
9	43				"				14	16	49	
1670	44				12	DARK BROWN	SAND		12	10	11	
1	45				"	"	"		4	8	11	
2	L4 45W				"	"	"		20	20	85	
1673	44				"	"	"		14	20	56	

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SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
1674	L4 43W	↑			10	BROWN	SAND		12	12	64		
5	42	"			"	"			6	10	26		
6	41	"			"	"			12	16	29		
7	40	"			"	"			10	4	36		
8	39	"			"	"			18	12	43		
9	38	"			"	"			12	16	55		
1680	37	↑			"	"			12	16	52		
1	36				"	"			4	14	11		
2	35				"	"			ND	12	19		
3	34				"	"			12	4	70		
4	33	↑			"	"			8	20	70		
5	32				"	"			18	36	85		
6	31				8	ROST							
7	30				"	"			40	10	63		
8	29				"	"			10	4	92		

Rec'd 4 July 66

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SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
1689	28	↑			10	ROST	SAND		10	26	62		
1690	27	↑			"	"	"		20	8	88		
1	26	↑			"	"	"		24	24	96		

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LOCATION REF. DUB GROUP

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS					
1693	BL2 56	↘			8	TAN BROWN	SAND							
4	L56 1E	"												
5	2				10	GREY	CLAY							
6	3				"	BROWN	SAND							
7	4				"	"	"				36	40	159	
8	5				"	"	"							
9	6				12	GREY BLUE	SAND							
1700	7				"	"	"							
1	8				"	"	"							
2	L52 1W	↙			"									
3	2W	"			"									
4	3	"			"									
5	4	"			"	GREY BROWN								
6	5	"			"	"								
7	6	↘			"	"								

BONDAR-CLEGG & COMPANY LTD.

GEOCHEMICAL SOIL SURVEY DATA




COLLECTOR P BROWNSWORD

AREA FYRE LAKE

DATE 3/7/66

PROJECT _____

LOCATION REF. DUB GROUP

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS					
8	7				10	GREY BROWN	SAND							
9	8	"			"	SAND								
1710	^{ESC} 7 W	"			"	"								
1	6	"			"	"								
2	5	"			"	"								
3	4				"	"								
4	3	"			"	"								
5	2	"			"	"								
6	1	"			"	"								
7	^{BL 2} 56	"			"	"								
8	55	"			"	"								
9	54	"			"	"								
20	53	"			"	"								
1721	52	"			"	"								
														

BONDAR-CLEGG & COMPANY LTD.

GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR P. BROWNSWORD

AREA FYRE LAKE

DATE 3/7/66

PROJECT _____

LOCATION REF. DUB GROUP

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS					
1722	L52 8E				8	BROWN	SAND							
3	7				"	"	"							
4	6				"	"	"							
5	5				12	"	"							
6	4				"									
7	3				10	TAN	WET SAND							
8	2				"	"	"							
9	1				8	BROWN	SAND							
30	BL 51				"	"	"							
1	50				"	"	"							
2	49				"	"	"							

BONDAR-CLEGG & COMPANY LTD.

GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR P. BROWNSWORD

 AREA FIRE LAKE

 DATE 20/6/66

PROJECT _____

 LOCATION REF. ASH
~~ASH~~ GROUP

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
									Ca	Pb	Zn	
915 915	L84 1E	↓	BOCK BRUSH		10	GREY	WET CLAY		12	2	81	
16	2E	"	"		"	"	"		ND	6	44	
7	3	"			8	LIGHT BROWN	"		ND	8	44	
8	4	"			12	BLUE GREY			41	4	134	
9	5	"			8	BROWN	SAND		ND	14	30	
920	6	"			"	GREY	"		ND	18	21	
1	7	"			"	BROWN	"		ND	5	69	
2	8	"			10	"	"		ND	ND	36	
3	9	"			8	"	"		ND	1	32	
4	10	"			"	"	"		ND	3	40	
5	11	"			"	RUST	"		11	26	100	
6	12	"			6	DARK BROWN	"		2	30	44	
7	13	"			8	"	"		8	ND	440	
8	14	"			"	GREY	"		8	1	118	
9	15	"	"	"	"	"	"	"	ND	"	"	"

BONDAR-CLEGG & COMPANY LTD.

GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR P. BROWNSWORD

AREA FYRE LAKE

DATE 21/6/66

PROJECT _____

LOCATION REF. ASH GROUP

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
									Ca	Pb	Zn	
929	^{LS4} 15 E	✓			8	GREY GREEN	SAND		24	16	116	
930	16	✓			"	"	"		38	14	152	
1	^{LS0} 14 E	"			10	GREY	CLAY		24	12	118	
2	13	"			"	"	"		18	18	108	
3	12	"			"	"	"		53	26	108	
4	11	"			8	DARK BROWN	SAND		ND	ND	12	
5	10	"			"	"	"		ND	ND	60	
6	9	"			10	"	"		ND	ND	34	
7	8	"			"	"	"		ND	7	101	
8	7	"			12	RUST	"		ND	ND	14	
9	6	"			"	"	"		4	20	52	
940	5	"			10	TAN	"		2	10	81	
1	4	"			"	RUST	"		3	ND	59	
2	3	✓			10	TAN	"		5	ND	95	
3	2	✓			10	GREY BROWN	COARSE SAND		ND	3	60	

BONDAR-CLEGG & COMPANY LTD.

GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR P. BROWNSWORD

AREA FYRE LAKE

DATE 21/6/66

PROJECT _____

LOCATION REF. ASH GROUP

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS		
									Cu	Pb	Zn
94 A	L80 1 E	↓			10	TAN	SAND		4	2	33
5	L80 1 W	"			"	GREY	WET SAND		2	1	2
6	2	"			"	"	CLAY		30	20	110
7	3	—			"	"	"		16	ND	22
8	4	—			"	"	SAND	} OLD RIVER SEDIMENT	30	ND	92
9	5	—			"	"	"		35	ND	98
950	6	—			8	GREEN BROWN	"		34	2	109
1	7	—			"	"	"		15	2	114
2	8	"			6	"	CLAY		35	14	134
3	9	"			"	"	"		35	5	136
4	10	"			"	"	"		40	20	109
5	11	"			12	GREY	SAND		8	4	110
6	12	"			"	"	"		20	22	125
7	13	"			"	"	"		20	20	85
8	14	"			14	BROWN	SAND		4	ND	11

BONDAR-CLEGG & COMPANY LTD.

GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR P. BROWNSWORD

 AREA FYRE LAKE

 DATE 21/6/66

PROJECT _____

 LOCATION REF. ASA GROUP

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
									cu	Pb	Zn	
959	^{L80} 15W	4			14	GREY	CLAY		18	4	131	
960	16	4			"	"	"		18	2	94	
1	17	"			6	BROWN	GRAVEL		17	26	100	
2	18	"			12	LIGHT BROWN	CLAY		32	2	98	
3	19	"			"	d	d		21	40	136	
4	20	"			"	"	e		32	20	116	
5	21				"	"	"		49	40	184	
6	22				10	BROWN	"		52	34	170	
7	23				"	GREY	"		50	50	166	
8	24				"	"	"		56	24	172	
9	25				"	"	"		44	36	162	
970	26				"	"	"		32	16	150	
1	27				6	GREEN GRAY	SAND	RIVER BANK	33	4	134	
2	^{L76} 21W				12	BROWN BLACK	CLAY		48	20	130	
3	20W				"	"	"		54	22	135	

BONDAR-CLEGG & COMPANY LTD.

GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR P. BROWNSWORD

AREA FYRE LAKE

DATE 21/6/66

PROJECT _____

LOCATION REF. ASA GROUP

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
									Cu	Pb	Zn	
974	L76 19 W	u			10	GREY	SAND		24	8	132	
5	18	—			8	BROWN	"		16	2	90	
6	17	u			u	"	"		14	NO	102	
7	16	u			"	"	GRAVEL		12	NO	102	
8	15	—			"	"	"		8	8	84	
9	14	u			8	"	SAND		4	12	NO	
980	13	—			u	"	"		4	NO	110	
981	12	u			10	BROWN	CLAY		28	30	144	
1006	11	—			u	"	"		68	6	138	
7	10	u			"	"	"		9	4	116	
8	9	"			"	"	"		30	22	124	
9	8	"			"	"	"		30	16	132	
1010	7	"			"	"	"		46	6	152	
1011	6	u			"	"	"		No Sample			
1012	5	"			"	"	"		30	10		

BONDAR-CLEGG & COMPANY LTD.

GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR P. BROWNSWORD

AREA FYRE LAKE

DATE 21/6/66

PROJECT _____

LOCATION REF. ASH GROUP

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
									Ca	Pb	Zn	
1013	^{L76} 4W				8	GREY BROWN	SAND		12	14	110	
14	3	"			"	"	"		12	6	128	
5	2	"			"	"	"		30	38	151	
6	1	"			"	"	"		64	24	165	
7	1 E				"	"	CLAY		40	16	172	
8	2				"	"	"		30	14	116	
9	3				10	"	"		70	8	198	
1020	4				"	"	"		54	16	190	
1	5				"	"	"		72	30	159	
2	6				"	"	"		40	ND	142	
3	7				"	"	"		40	26	161	
4	8				"	"	"		40	24	178	
5	9				"	"	"		52	28	152	
6	10				"	"	"		42	26	160	
7	11				"	"	"		96	22	164	

BONDAR-CLEGG & COMPANY LTD.

GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR P. BROWNSWORD

AREA FYRE LAKE

DATE 2/6/66

PROJECT _____

LOCATION REF. ASH GROUP

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
									Cu	Pb	Zn	
10 28	L72 3E	u	BUCK BRUSH		8	CREY BROWN	SAND	RIVER BANK	14	MD	128	
29	2	"			8	"	"		40	2	132	
30	1	"			10	"	"		44	2	174	
31	L72 1 W	"			10	"	CLAY		30	26	130	
32	2	"			8	GREEN BROWN	WET GRAVEL		No sample			
33	3				8	"	WET CLAY		10	MD	92	
4	4				"	"	"		12	40	156	
5	5				"	"	"		68	32	168	
6	6				"	"	"		38	MD	170	
7	7				"	"	"		38	MD	184	
8	8				"	"	"		68	28	180	
9	9				"	"	"		46	8	166	
10 40	10				"	"	"		68	40	192	
41	11				"	"	"		24	1	114	
42	12				"	"	"		34	10	153	

BONDAR-CLEGG & COMPANY LTD.

GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR P. BROWNSWORD

 AREA FYRE LAKE

 DATE 21/6/66

PROJECT _____

 LOCATION REF. ASH GROUP

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS					
									Cu	Pb	Zn			
1043	L72 13W	<u>u</u>			6	GREY BROWN	CLAY							
44	14	<u>u</u>			8	"	SAND							
45	15				"	GREEN BROWN	"							
6	16				10	DARK BROWN	"							
7	17				"	"	"							
8	18				8	GREY	COARSE SAND							
9	19				8	GREY BROWN	CLAY							
50	20				"	"	"							
51	21				"	"	"							
52	22				"	"	SAND	RIVER BANK						

BONDAR-CLEGG & COMPANY LTD.

GEOCHEMICAL STREAM SEDIMENT SURVEY DATA

SAMPLE NO.	LOCATION	PHYSIOGRAPHY	STREAM SIZE C.F.S.	STREAM GRADIENT	SAMPLE DISTRIBUTION			COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
					R	A	L				Cu	Pb	Zn		
982	A	Bare rock	SOIL SAMPLE					rust		rust patch on ridge	66	12	176		
3	B	"	"					"		"	72	40	106		
4	C	STUNTED EVERGREENS + MOSS		STEEP	✓			gray	coarse sand		80	14	186		
5	C + 500'	"	SOIL SAMPLE					RUST	WEATHERED TALUS	LARGE RUST STAIN IN STREAM JUST BELOW	2822	60	1854		
6	C + 1000'	"		gentle			✓	gray	silt		1854	20	450		
7	C + 1200	"		"			✓	"	"		4680	ND	1215		
8	C + 15000	"		STEEP			✓	"	"		2610	ND	1152		
9	C + 2000	BUCKBRUSH + SMALL TREES		"			✓	"	"		3230	28	1278		
90	D	"		"	✓			"	ROUGH SAND		2108	ND	188		
1	D + 500	"		"	✓			"	"		1802	2	144		
2	+ 1000	"		"	✓			"	"		No Sample				
3	+ 1500	"		"				"	"		270	ND	88		
4	+ 2000	"		"				"	"		522	ND	196		
5	JUNCTION OF STREAMS										2176	20	1314		
6	50' up small stream			gentle	✓		✓	fine sand		about 500' below junction	102	ND	160		

BONDAR-CLEGG & COMPANY LTD.

GEOCHEMICAL STREAM SEDIMENT SURVEY DATA

SAMPLE NO.	LOCATION	PHYSIOGRAPHY	STREAM SIZE C.F.S.	STREAM GRADIENT	SAMPLE DISTRIBUTION			COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
					R	A	L				Cu	Pb	Zn		
997	50' above JUNCTION			STEEP	✓					ON MAIN STREAM	1768	14	1512		
8	50' UP SMALL STREAM FLOW SW			"		✓					116	62	864		
9	50' above JUNCTION MAINS			"	✓						1088	ND	1093		
1000	MAIN JUNE + 3000			"	✓						2074	ND	1566		
1001	MAIN JUNE + 4000			"	✓			GREY SAND			1399	ND	954		
2	+ 5000										1666	ND	342		
3	+ 6000										1122	10	1035		

ANALYTICAL WORK SHEET GEOCHEMICAL

Report Number R28-66Weight of Sample 0.5g.From P. NielsenExtraction Hot HCl-HNO₃Tested For Cu, Pb, Zn

Volume Used

Date 4 July, 1966Analyst [Signature]

SAMPLE NUMBER		Cu	PPM	Pb	PPM	Zn	PPM	PPM	PPM	PPM	Weight	PPM
OURS	YOURS											
1	915		12		2		81					
2	916		ND		6		44					
3	917		ND		8		4					
4	918		41		4		134				0.250g	
5	919		ND		14		30					
6	920		ND		18		21					
7	921		ND		5		68					
8	922		ND		ND		36					
9	923		ND		1		32					
10	924		ND		3		40					
11	925		11		26		100					
12	926		2		30		44					
13	927		8		ND		44					
14	928		8		1		118					
15	929		24		16		116					
16	930		38		14		152					
17	931		24		12		118					
18	932		18		18		108					
19	933		33		26		108					
20	934		ND		ND		12					
21	935		ND		ND		60					
22	936		ND		ND		34					
23	937		ND		7		101					
24	938		ND		ND		14					
25	939		4		20		52					
26	940		2		10		81					
27	941		3		ND		39					
28	942		5		ND		95					
29	943		ND		3		60					

ANALYTICAL WORK SHEET GEOCHEMICAL

Report Number R 28-66Weight of Sample 0.5gFrom P. NielsenExtraction ~~Hot~~ HCl - HNO₃Tested For Ca, Pb, Zn.

Volume Used

Date

Analyst

SAMPLE NUMBER		Ca	PPM	Pb	PPM	Zn	PPM	PPM	PPM	PPM	PPM
OURS	YOURS										
30	944	4		2		33					
31	945	2		1		2					
32	946	30		20		110					
33	947	16		ND		22					
34	948	30		ND		92					
35	949	35		ND		98					
36	950	34		2		109					
37	951	15		2		114					
38	952	35		14		134					
39	953	35		5		136					
40	954	40		20		109					
41	955	8		4		110					
42	956	20		22		125					
43	957	20		20		85					
44	958	4		ND		11					
45	959	18		4		131					
46	960	18		2		94					
47	961	17		26		100					
48	962	32		2		98					
49	963	21		40		136					
50	964	32		20		116					
51	965	49		40		184					
52	966	52		34		170					
53	967	50		50		166					
54	968	56		24		172					
55	969	44		36		152					
56	970	32		16		150					
57	971	33		4		134					
58	972	48		20		130					

4.16
3.53
33



**ANALYTICAL WORK SHEET
GEOCHEMICAL**

Report Number R28-66
 From P. Nielsen
 Tested For Cu, Pb, Zn
 Date

Weight of Sample 0.59
 Extraction Hot HCl - HNO3
 Volume Used

Analyst

SAMPLE NUMBER		Cu	PPM	Pb	PPM	Zn	PPM	PPM	PPM	PPM
OURS	YOURS									
59	973		54		22		135			
60	974		24		8		132			
61	975		16		2		90			
62	976		14		ND		102			
63	977		12		ND		102			
64	978		8		8		84			
65	979		4		12		ND			
66	980		4		ND		110			
67	981		28		30		144			
68	982		66		12		176			
69	983		72		40		106			
70	984		80		14		186			
71	985		2522		60		1854			
72	986		1854		20		450			
73	987		4686		ND		1215			
74	988		2610		ND		1152			
75	989		3230		28		1278			
76	990		2108		ND		188			
77	991		1802		2		144			
78	992			No	Sample.					
79	993 ³³⁵		270		ND		88			
80	994		522		ND		196			
81	995		2176		20		1314			
82	996		102		ND		160			
83	997		1768		14		1512			
84	998		116		62		864			
85	999		1088		ND		1093			
86	1000		2074		ND		1566			
87	1001		1394		ND		954			

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ANALYTICAL WORK SHEET GEOCHEMICAL

Report Number R28-66Weight of Sample 0.5gFrom P. NielsenExtraction HCl - HNO₃Tested For Cu, Pb, Zn

Volume Used

Date

Analyst

SAMPLE NUMBER		Cu	PPM	Pb	PPM	Zn	PPM	PPM	PPM	PPM
OURS	YOURS									
88	1002		1666		ND		342			
89	1003		1122		10		1035			
90	1004		578		10		486			
91	1005		1122		10		774			
92	1006		68		6		138			
93	1007		9		4		116			
94	1008		30		22		124			
95	1009		30		16		132			
96	1010		46		6		152			
97	1011		No		Sample.					
98	1012		30		10		132			
99	1013		12		14		110			
100	1014		12		6		128			
101	1015		30		38		151			
102	1016		64		24		165			
103	1017		40		16		172			
104	1018		30		14		116			
105	1019		70		8		198			
106	1020		34		16		190			
107	1021		72		20		159			
108	1022		40		ND		142			
109	1023		40		26		161			
110	1024		40		24		178			
111	1025		52		28		152			
112	1026		42		26		160			
113	1027		96		22		164			
114	1028		14		ND		128			
115	1029		40		2		132			
116	1030		44		2		174			

ANALYTICAL WORK SHEET
GEOCHEMICAL

Report Number R28-66

Weight of Sample 0.59

From P. Nielsen

Extraction HAT HCl-HNO₃

Tested For Cu, Pb, Zn

Volume Used

Date

Analyst

SAMPLE NUMBER		Cu	PPM	Pb	PPM	Zn	PPM	PPM	PPM	PPM
OURS	YOURS									
117	1031		30				130			
118	1032		No Sample							
119	1033		No Sample				92			
120	1034		12		40		156			
121	1035		68		32		168			
122	1036		38		ND		170			
123	1037		38		20		164			
124	1038		68		28		180			
125	1039		46		8		166			
126	1040		68		40		192			
127	1041		24		1		114			
128	1042		34		10		153			
129	1043		No Sample		-		-			
130	1044		28		ND		104			
131	1045		40		2		138			
132	1046		24		ND		107			
133	1047		42		2		144			
134	1048		46		ND		124			
135	1049		20		ND		128			
136	1050		46		ND		144			
137	1051		20		2		138			
138	1052		38		ND		81			
139	1053									
140	1054									
141										
142										
143										
144										
145										

**ANALYTICAL WORK SHEET
GEOCHEMICAL**

Report Number R28-66
 From P. Nielsen
 Tested For Cu, Pb, Zn
 Date 4 Jul 66

Weight of Sample 0.59
 Extraction HCl-HNO₃
 Volume Used A.A.
 Analyst Eldon Clegg

SAMPLE NUMBER		Cu	PPM	Pb	PPM	Zn	PPM	PPM	PPM	PPM
OURS	YOURS									
1	915		12		2		81			
2	916		ND		6		44			
3	917		ND		8		4			
4	918		41		4		134			
5	919		ND		14		30			
6	920		ND		18		21			
7	921		ND		5		68			
8	922		ND		ND		36			
9	923		ND		1		32			
10	924		ND		3		40			
11	925		11		26		100			
12	926		2		30		44			
13	927		8		ND		44			
14	928		8		1		118			
15	929		24		16		116			
16	930		38		14		152			
17	931		24		12		118			
18	932		18		18		108			
19	933		33		26		108			
20	934		ND		ND		12			
21	935		ND		ND		60			
22	936		ND		ND		34			
23	937		ND		7		101			
24	938		ND		ND		14			
25	939		4		20		52			
26	940		2		10		81			
27	941		3		ND		39			
28	942		5		ND		95			
29	943		ND		3		60			

ANALYTICAL WORK SHEET GEOCHEMICAL

Report Number..... R28-66Weight of Sample..... 0.5gFrom..... P. NielsenExtraction..... ~~HCl~~ HCl - HNO₃Tested For..... Cu, Pb, Zn

Volume Used.....

Date.....

Analyst.....

SAMPLE NUMBER		Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
OURS	YOURS												
30	944		4		2		33						
31	945		2		1		2						
32	946		30		20		110						
33	947		16		ND		22						
34	948		30		ND		92						
35	949		35		ND		98						
36	950		34		2		109						
37	951		15		2		114						
38	952		35		14		134						
39	953		35		5		136						
40	954		40		20		109						
41	955		8		4		110						
42	956		20		22		125						
43	957		20		20		85						
44	958		4		ND		1L						
45	959		18		4		131						
46	960		18		2		94						
47	961		17		26		100						
48	962		32		2		98						
49	963		21		40		136						
50	964		32		20		116						
51	965		49		40		184						
52	966		52		34		170						
53	967		50		50		166						
54	968		56		24		172						
55	969		44		36		162						
56	970		32		16		150						
57	971		33		4		134						
58	972		48		20		130						

ANALYTICAL WORK SHEET GEOCHEMICAL

Report Number..... P28-66Weight of Sample..... 0.59From..... P MelsenExtraction..... 20T HCl - HNO₃Tested For..... Cu, Pb, Zn

Volume Used.....

Date.....

Analyst.....

SAMPLE NUMBER		Cu	PPM	Pb	PPM	Zn	PPM	PPM	PPM	PPM
OURS	YOURS									
59	973		54		22		135			
60	974		24		8	132				
61	975		16		2	90				
62	976		14		ND	102				
63	977		12		ND	102				
64	978		8		8	84				
65	979		4		12	ND				
66	980		4		ND	110				
67	981		28		30	144				
68	982		66		12	176				
69	983		72		40	106				
70	984		80		14	186				
71	985		2822		60	1854				
72	986		1854		20	450				
73	987		4680		ND	1215				
74	988		2610		ND	1152				
75	989		3230		28	1278				
76	990		2108		ND	188				
77	991		1802		2	144				
78	992		No Sample							
79	993		270		ND	88				
80	994		522		ND	196				
81	995		2176		20	1314				
82	996		102		ND	160				
83	997		1768		14	1512				
84	998		166		62	864				
85	999		1088		ND	1093				
86	1000		2074		ND	1566				
87	1001		1394		ND	954				

4

BCC

BONDAR-CLEGG & COMPANY LTD.

geologists • geochemists • analysts

ANALYTICAL WORK SHEET GEOCHEMICAL

Report Number R 28-66Weight of Sample 0.59From P. NielsenExtraction HCl - HNO₃Tested For Cu, Pb, Zn

Volume Used

Date 4 Jul 66Analyst E. C.

SAMPLE NUMBER		Cu	PPM	Pb	PPM	Zn	PPM	PPM	PPM	PPM
OURS	YOURS									
88	1002		1666		ND		342			
89	1003		1122		10		1035			
90	1004		578		10		486			
91	1005		1122		10		774			
92	1006		68		6		138			
93	1007		9		4		116			
94	1008		30		22		124			
95	1009		30		16		132			
96	1010		46		6		152			
97	1011		No		Sample.					
98	1012		30		10		132			
99	1013		12		14		110			
100	1014		12		6		128			
101	1015		30		38		151			
102	1016		64		24		165			
103	1017		40		16		172			
104	1018		30		14		116			
105	1019		70		8		198			
106	1020		34		16		190			
107	1021		72		20		159			
108	1022		40		ND		142			
109	1023		40		26		161			
110	1024		40		24		178			
111	1025		52		28		152			
112	1026		42		26		160			
113	1027		96		22		164			
114	1028		14		ND		128			
115	1029		40		2		132			
116	1030		44		2		174			



**ANALYTICAL WORK SHEET
GEOCHEMICAL**

Report Number R28-66

Weight of Sample 0.59

From P. Nielsen

Extraction H₂O HCl-HNO₃

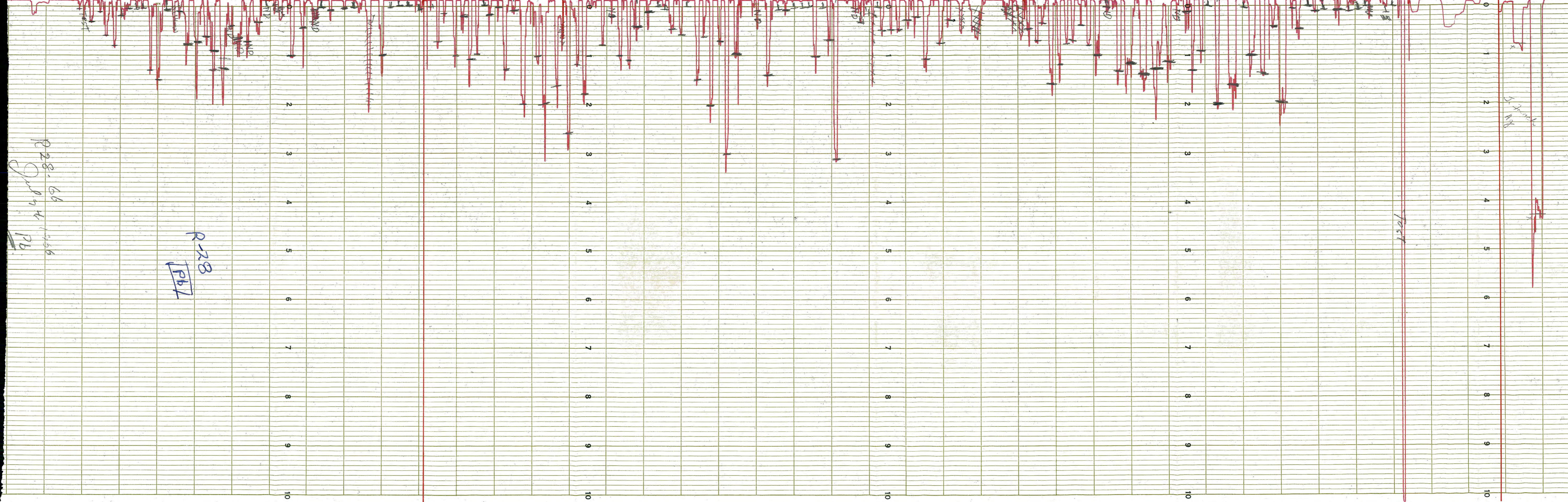
Tested For Cu, Pb, Zn

Volume Used

Date

Analyst

SAMPLE NUMBER		Cu	Pb	Zn					
OURS	YOURS	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
117	1031	30	26	130					
118	1032	No Sample							
119	1033	10	ND	92					
120	1034	12	40	156					
121	1035	68	32	168					
122	1036	38	ND	170					
123	1037	38	20	184					
124	1038	68	28	180					
125	1039	46	8	166					
126	1040	68	40	192					
127	1041	24	1	114					
128	1042	34	10	153					
129	1043	No Sample							
130	1044	28	ND	104					
131	1045	48	2	138					
132	1046	24	ND	107					
133	1047	42	2	144					
134	1048	46	ND	124					
135	1049	20	ND	128					
136	1050	46	ND	144					
137	1051	20	2	138					
138	1052	38	ND	81					
139	1053								
140	1054								
141									
142									
143									
144									
145									



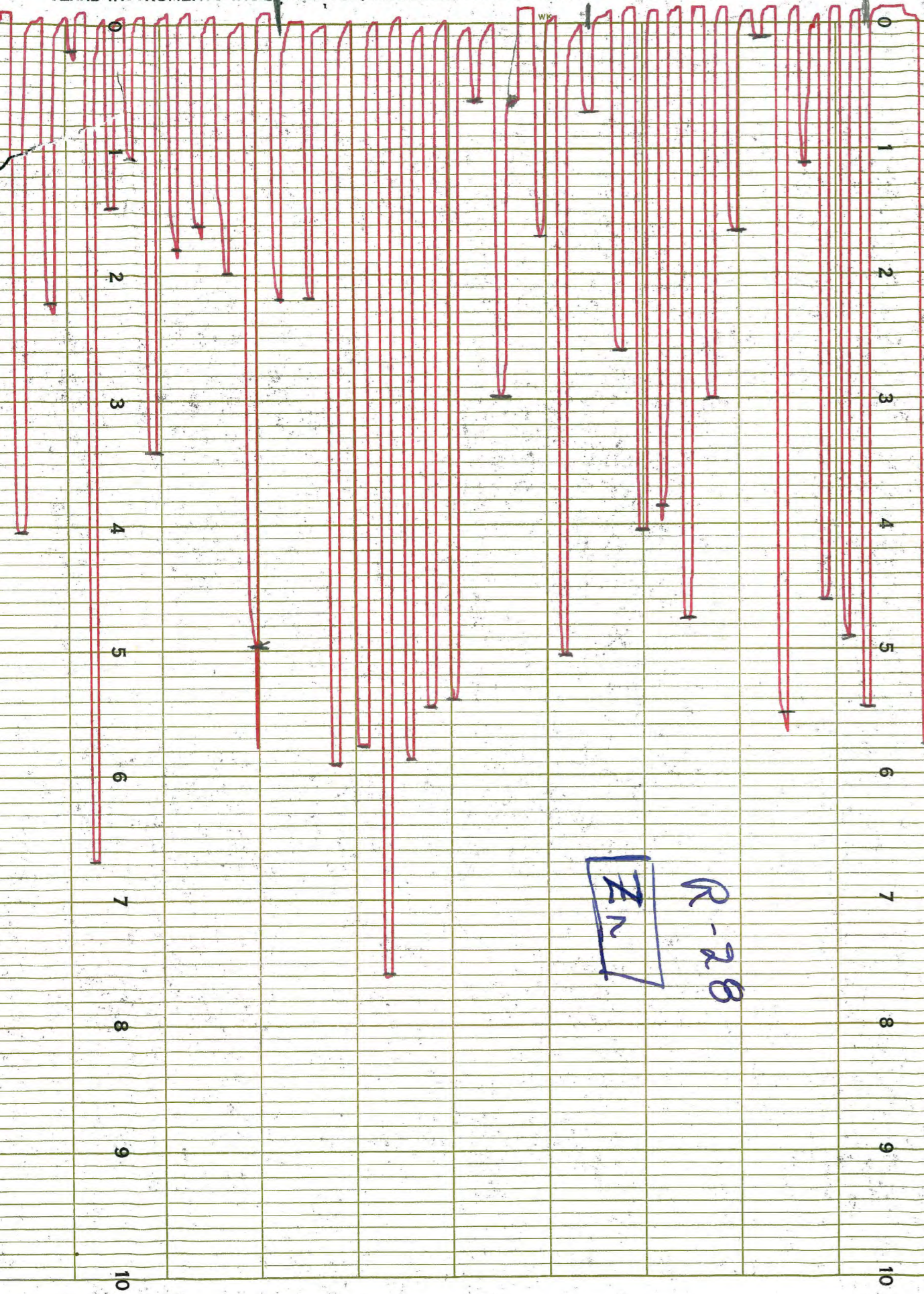
R28-66
 2/27/74
 Pb

R28
 Pb

Post

S. J. Smith

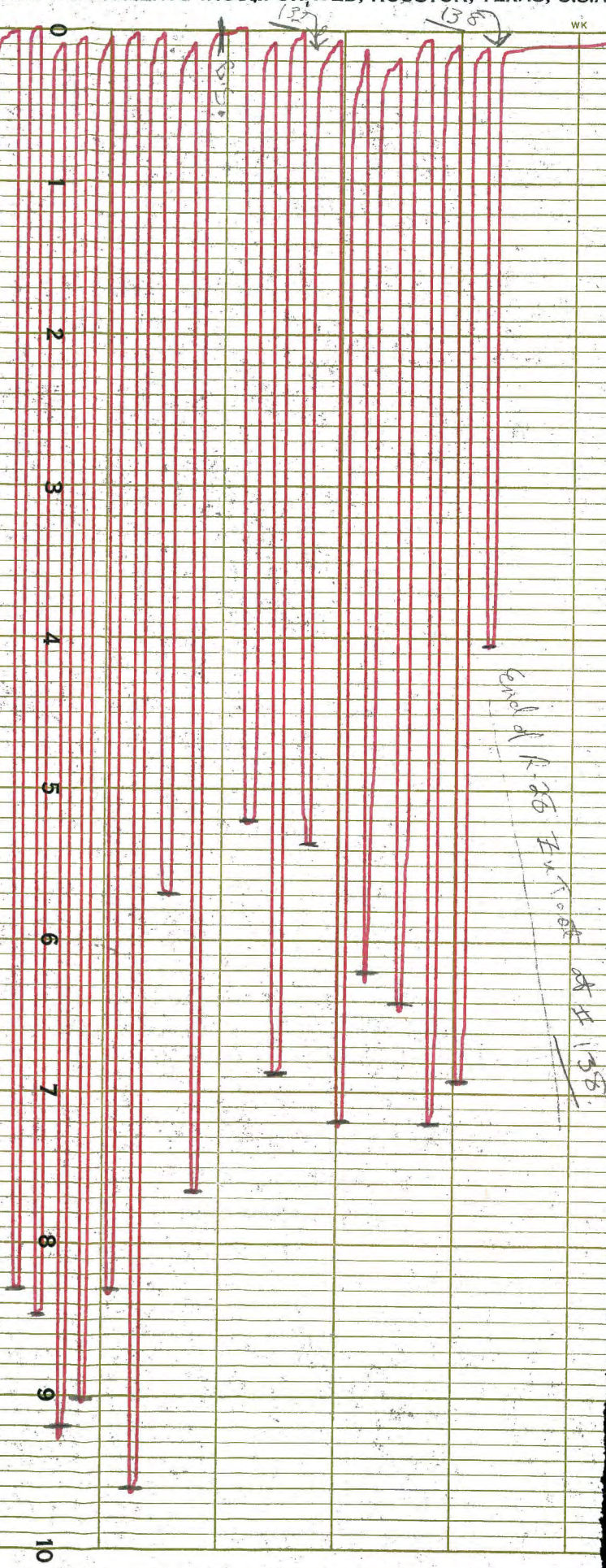
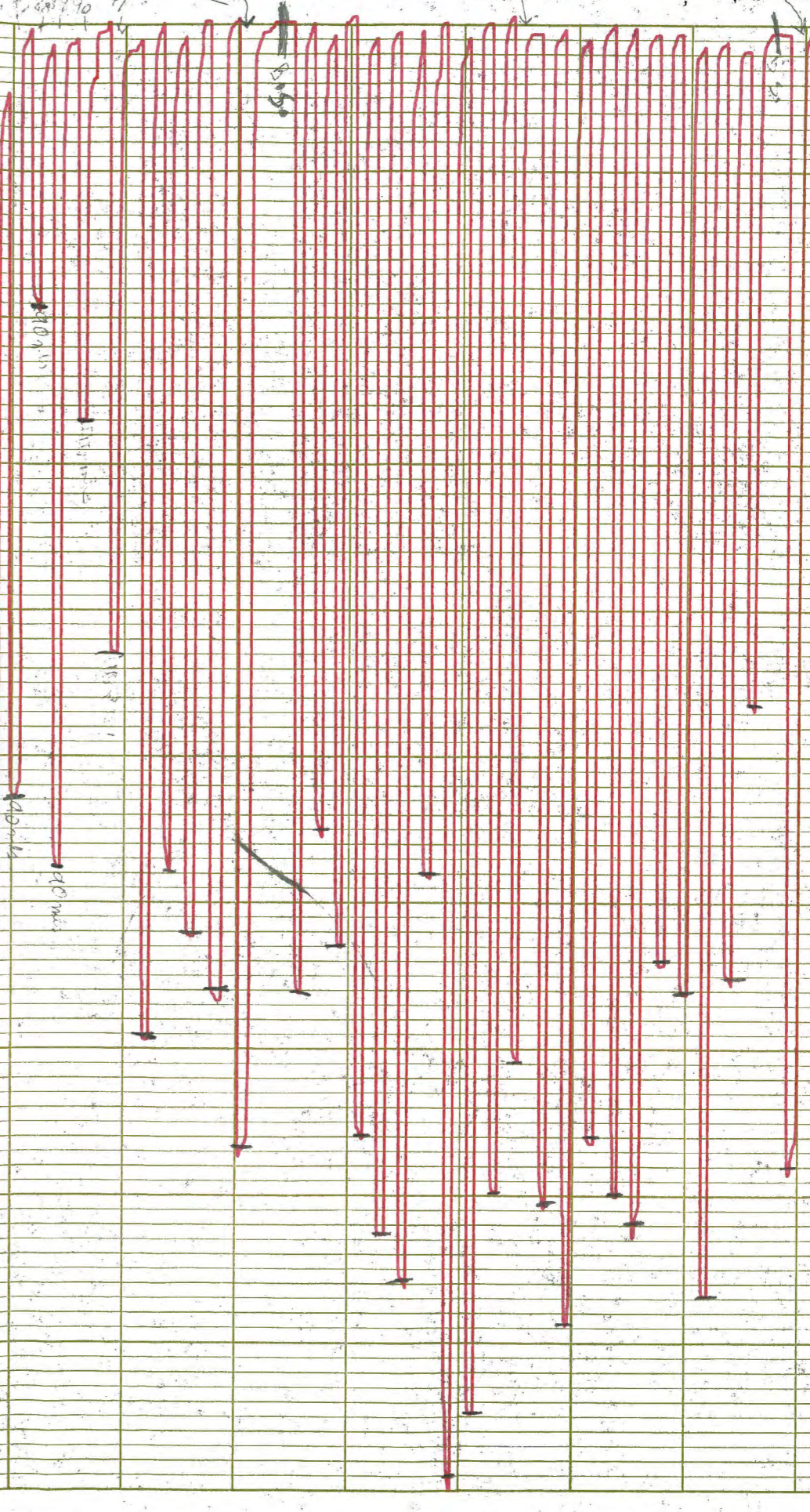
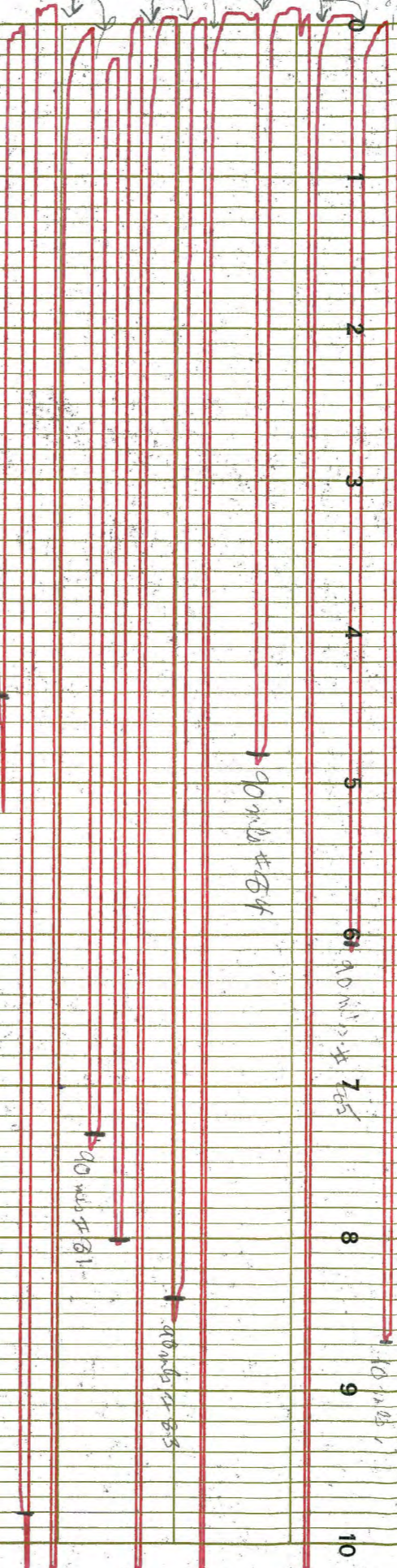
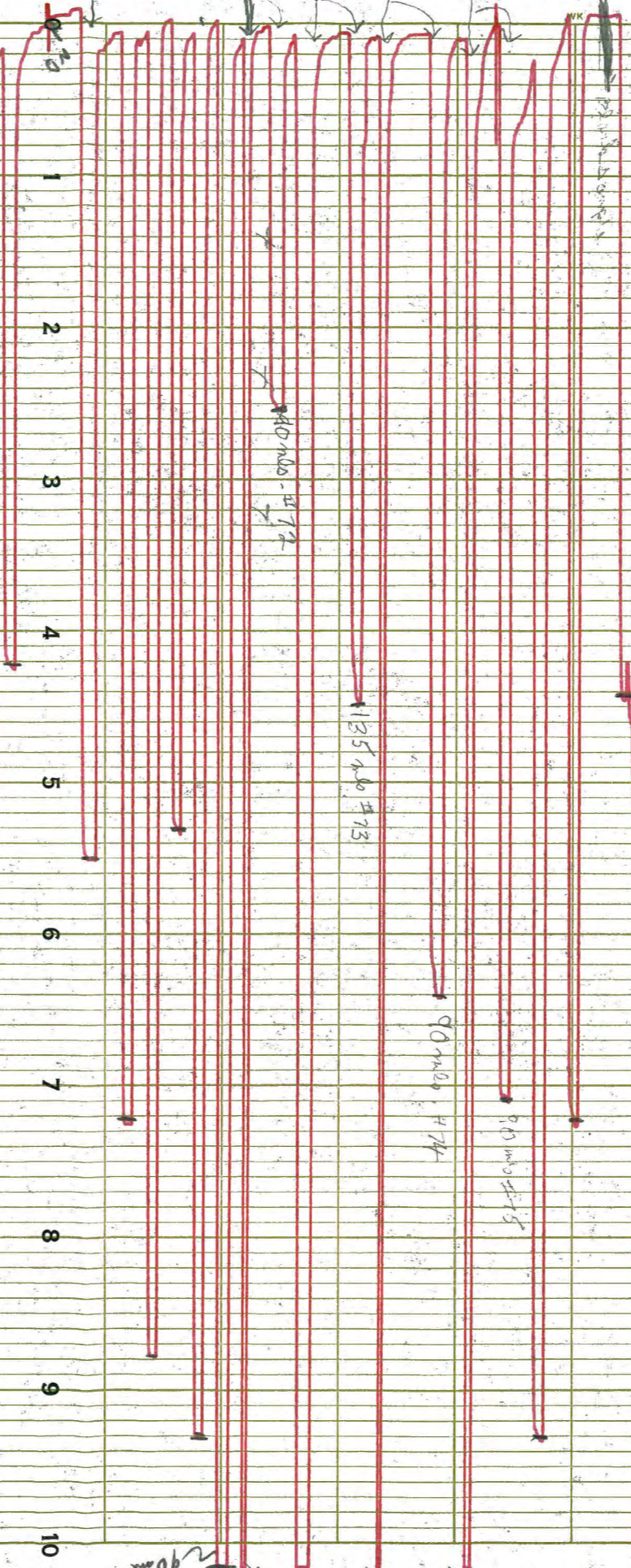
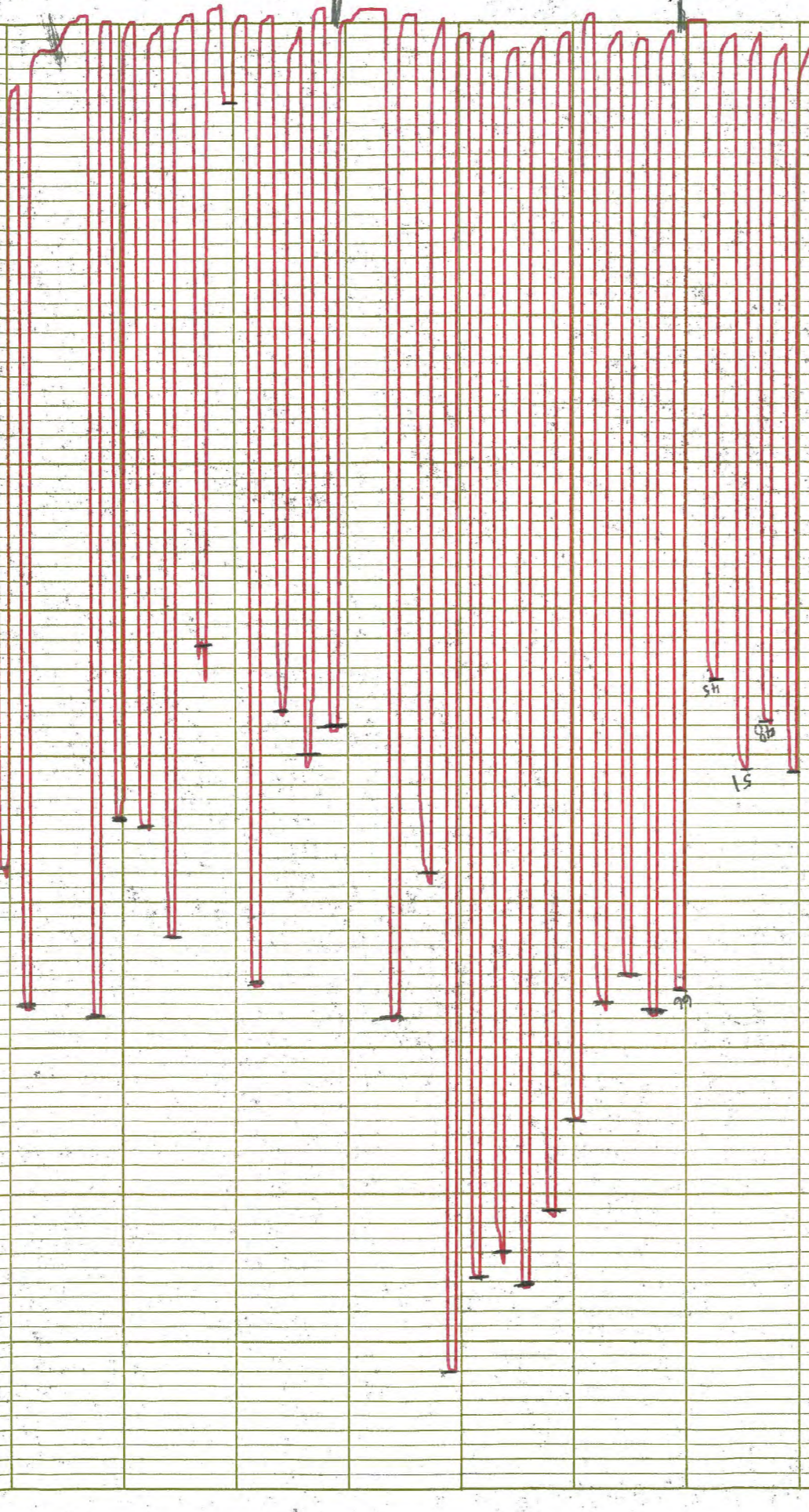
R-28-615 g. by 4/68 Test for Zn



R-28
Zn

FEET LEFT

70

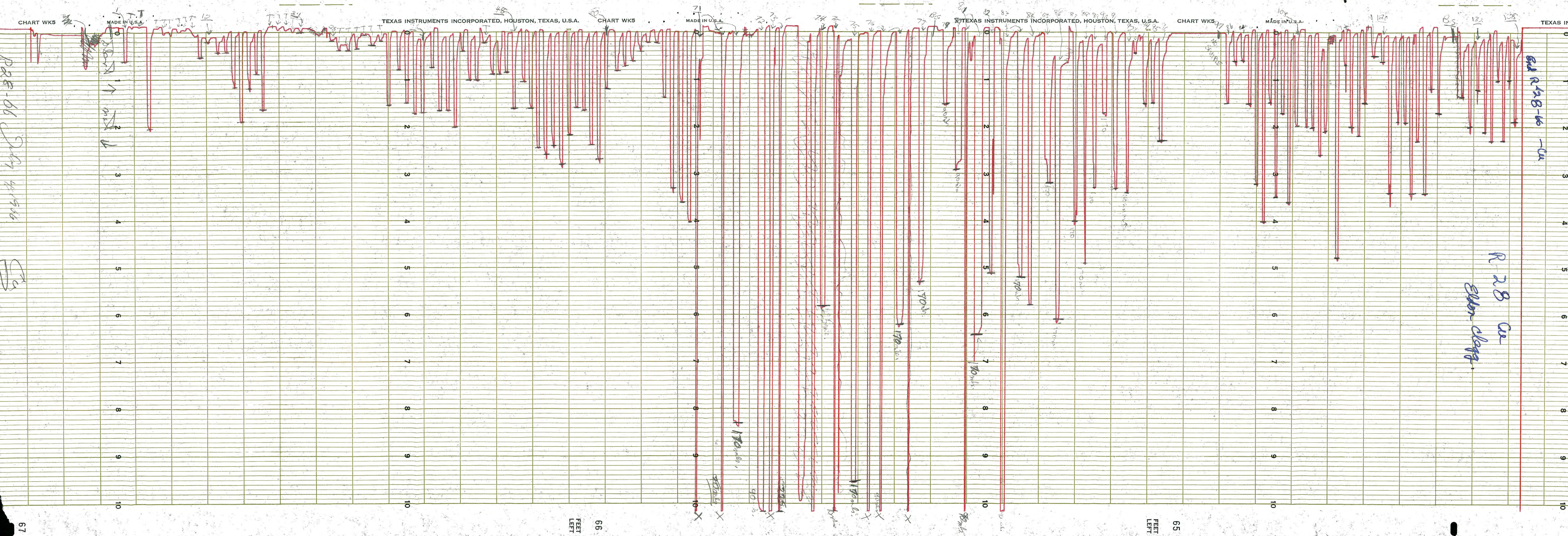


End of R-28 Ex. Test at # 158

FEET LEFT

69

FEET LEFT



P28-66 July 4/1966

CS

GA R-28-66 -cu

R 28 cu
Elder clay

66
FEET
LEFT

65
FEET
LEFT

67

R23

BONDAR-CLEGG & COMPANY LTD.

GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR P. BROWNSWORDAREA FYRE LAKEDATE 15/6/66

PROJECT _____

LOCATION REF. ASH GROUP

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
									Cu	Pb	Zn	
688	L68 24 E	↘	BUCK BUSH + TREES		8"	BROWN	SAND		10	9	24	
9	25	"			"	RUST	COARSE SAND		12	7	52	
690	26	↘			6"	TAN	"		10	ND	40	
1	27	"	"		"	"	"		11	9	48	
2	28	↙						STREAM SED. FLOW SW	44	5	61	
3	29	—			12	GREY	CLAY FROZEN	LARGE ORG	12	5	22	
4	30	↘			10"	TAN	BEACH SAND	10' FROM <u>SMALL</u> CREEK	30	30	102	
5	31	"			8"	GREY BROWN	CLAY		24	8	60	
6	32	"			"	LIGHT BROWN	WET CLAY		24	20	64	
7	33	"			10"	DARK BROWN	CLAY		24	30	54	
8	34	"			"	GREY	"		16	7	44	
9	35	"			"	"	"		10	40	40	
760	36	"			"	"	"		22	28	64	
1	37	"			"	BLACK	"		ND	3	30	
2	38	"			12	DARK BROWN	"		22	6	60	

BONDAR-CLEGG & COMPANY LTD.



GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR P. BROWNSWORD

AREA FXRE LAKE

DATE 15/6/66

PROJECT _____

LOCATION REF. ASA GROUP

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
									Cu	Pb	Zn	
203	^{L68} 39F				12"	DARK BROWN	CLAY		22	7	36	
4	40	"			"	LIGHT TAN	FINE GRAVEL		18	8	54	
5	41	"			"	"	SAND		36	6	60	
6	42	"			"	GREY BLACK	FROZEN CLAY		148	4		
7	43	"			"	"	"		48	3	50	
8	44	"			"	"	"		68	2	66	
9	45	"			"	"	"		78	15	58	
710	^{L72} 46E	"			"	"	"		35	2	62	
11	45	"			"	"	"		42	6	76	
12	44	"			8"	GREEN GRAY	"		18	7	80	
13	43	"			10"	BLACK	"		5	6	36	
14	42	"			"	"	"		6	5	42	
15	41	"			"	GREY	"		32	8	70	
16	40	"			"	GREY BLACK	"		32	9	79	
17	39	"			8"	ROST	SAND		12	32	56	

BONDAR-CLEGG & COMPANY LTD.

GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR P. BROWNSWORD

AREA FYRE LAKE

DATE 15/6/66

PROJECT _____

LOCATION REF. ASA GROUP

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
									Cu	Pb	Zn		
718	^{R78} 38E ↙				14"	CHOC BROWN	CLAY FROZEN		5	6	12		
19	37	"			8	GREY	"		6	22	18		
20	36	"	BUCK BRUSH		"	"	"		18	25	34		
21	35	"			"	BROWN	CLAY		16	9	30		
22	34	"			"	"	"		22	20	60		
23	33	"			"	"	SAND		22	12	62		
24	32	"			"	"	WET GRAYE		20	10	59		
25	31	"						STREAM SED FLOW W	44	1	58		
26	30	"			6"	RUST	SAND		10	9	32		
27	29	"						STREAM SED FLOW W	40	8	59		
28	28	"			"	GREY	"		64	9	60		
29	27	"			"	RUST	"		22	30	62		
30	26	"			12"	"	"		6	79	36		
31	25	"			8	"	"		10	6	32		
32	24	"			"	LIGHT BROWN	"		10	ND	18		

BONDAR-CLEGG & COMPANY LTD.

GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR P. BROWNSWORD

AREA FYRE LAKE

DATE 15/6/66

PROJECT _____

LOCATION REF. ASA GROUP

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
									Cv	Pb	Zn	
733	L72 23R	↘			8"	GREY BLACK	MUD		58	2	82	
4	22	"			6"	RUST	SAND		10	8	49	
5	21	"			"	GREY	"		12	6	22	
6	20	"			8"	RUST	"		ND	18	36	
7	19	"			"	"	"		ND	12	46	
8	18	"			10	GREY	WET SAND		22	14	32	
9	17	"			"	"	"		20	16	40	
948	16	✓			"	"	"		16	12	38	
1	15	✓			6"	GREY BLACK	CLAY		70	17	39	
2	14	"			"	RUST	SAND		6	10	26	
3	13	"			8"	GREY BLACK	CLAY		40	1	44	
4	12	"			"	BLACK	FINE SAND	RIVER 20' N	18	14	26	
5	11	"			"	"	"	RIVER BANK SILT	18	ND	30	
6	L76 17E	↙			14	BLACK	GRAVEL		8	10	82	
7	18	"			10	GREY	CLAY		10	14	39	

BONDAR-CLEGG & COMPANY LTD.

GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR P. BROWNSWORD

AREA FYRE LAKE

DATE 15/6/66

PROJECT _____

LOCATION REF. ASA GROUP

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
									Co	Pb	Zn	
748	L76 19B	↙			12"	TAN	SAND		10	12	36	
9	20	"			8	DARK BROWN	"		16	12	54	
50	21				"	RUST	"		12	14	30	
1	22				"	GREY	COARSE SAND		L	13	24	
2	23				"	LIGHT GREY	"		NO	10	20	
3	24				12"	RUST	"		12	18	44	
4	25				10	GREY BROWN	"		NO	19	18	
5	26				8	"	"		12	15	22	
6	27				10	"	"		16	13	34	
7	28				8	GREEN BROWN	CLAY		32	16	42	
8	29				"	"	"		22	17	48	
9	30				"	RUST	SAND		20	15	42	
760	31	↘			12"	BLACK	FROZEN CLAY	SMALL STREAM 10' N	4	9	36	
1	32	↙			"	GREY BLACK	SAND		22	19	42	
2	33	↙			"	"	"		26	16	22	

BONDAR-CLEGG & COMPANY LTD.

GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR P. BROWNSWORD

AREA FYRE LAKE

DATE 15/6/66

PROJECT _____

LOCATION REF. ASH GROUP

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
									CU	Pb	Zn	
763	^{L76} 34E ←		TREES & BUCK BRUSH		12	BROWN	SAND		20	19	30	
4	35				8	"	"		18	1	36	
5	36				"	"	COARSE SAND		38	19	56	
6	37				"	"	"		30	19	70	
7	38				"	"	SAND		16	20	60	
8	39				10"	LIGHT GREY	"		20	20	49	
9	40				6"	"	"		20	20	48	
770	41				12	LIGHT BROWN	FROZEN SAND		10	20	59	
771	42				"	BROWN	SAND		10	20	46	
2	43				6"	LIGHT GREY	SAND		10	10	30	
3	44				8	"	"		12	19	38	
4	45				"	"	"		12	16	48	
5	46				"	"	"		18	25	59	
6	47				10	LIGHT BROWN	"		12	ND	40	
7	48				"	"	"		12	28	40	

BONDAR-CLEGG & COMPANY LTD.

GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR P. BROWNSWORD

AREA FYRE LAKE

DATE 15/6/66

PROJECT _____

LOCATION REF. ASH GROUP

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
									Cu	Pb	Zn	
778	^{RSD} 48E	←←	TREES & BUCKBRUSH		12"	BLACK	FROZEN CLAY		NO	1	56	
9	47	"			"	"	"		2	2	60	
780	46	"			"	"	"		10	2	56	
1	45	"			"	"	"		5	3	22	
2	44	"			10	LIGHT GREY	COARSE SAND		10	9	30	
3	43	"			"	"	"		10	39	28	
4	42	"			"	"	"		NO	9	42	
5	41	"			"	"	"		NO	5	32	
6	40	"			12	DARK BROWN	CLAY		12	15	30	
7	39	"			10	LIGHT BROWN	"		NO	5	60	
8	38	"			"	GREY	"		NO	12	46	
9	37	"			"	BROWN	SAND		NO	10	42	
790	36	"			"	"	"		12	15	30	
1	35	"			"	"	"		5	7	20	
2	34	"			"	LIGHT GREY	"					

BONDAR-CLEGG & COMPANY LTD.

GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR P. BROWNSWORD

AREA FYRE LAKE

DATE 15/6/66

PROJECT _____

LOCATION REF. ASIT GROUP

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
									Cu	Pb	Zn	
793	^{L80} 33E				W "	GREY	CLAY		5	10	36	
4	32							STREAM SED FLOW SW	45	10	54	
5	31				10	BLACK	CLAY		NO	1	56	
6	36				4	"	"		1	3	54	
7	39				"	GREEN	"		6	13	24	
8	28				"	RUST	SAND		16	10	12	
9	27				"	"	"		5	15	16	
800	26				14	BLACK	CLAY		48	7	24	
1	25				"	"	"		2	9	22	
2	24				10	GREEN BROWN	SAND		32	6	20	
3	23				"	"	"		32	10	10	
4	22							STREAM SED FLOW S	5	10	54	
5	21				6	RUST	"		5	10	62	
6	20				"	"	"		4	5	26	
7	19				"	"	"		18	14	52	

7 to be plotted

BONDAR-CLEGG & COMPANY LTD.

GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR P. BROWNSWORD

AREA FYRE LAKE

DATE 15/6/66

PROJECT _____

LOCATION REF. ASA GROUP

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS		
									Cu	Pb	Zn
808	L80 18E				8	ROST	SAND		8	1	56
9	17				A	u	u		2	2	34
870	16				10	BROWN	SILT		16	10	60
11	15							RIVER SED	2	5	50

to be plotted

BONDAR-CLEGG & COMPANY LTD.

GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR P. BROWNSWORD

AREA FIRE LAKE

DATE 16/8/66

PROJECT _____

LOCATION REF. ASA GROUP

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
									Co	Pb	Zn	
812	L84 22 F	—	BUCKBRUSH		6"	BROWN	SAND	5' from river	18	10	44	
13	23 F	~			6	"	"		18	9	42	
14	24	—						STREAM BED FLOW SW	60	15	26	
15	25	—						"	3	7	58	
16	26	—			8	GREY	SAND		46	12	48	
17	27	↙			6"	"	"		8	7	62	
18	28	↙			12"	BLACK	"		15	9	69	
19	29	"			8	LIGHT BROWN	WET SAND		18	4	54	
20	30	"			"	RUST	SAND COARSE		10	19	54	
821	31	"			"	"	"		5	17	44	
2	32	"			6"	GREY GREEN	"		6	12	46	
3	33				10	BROWN	CLAY		8	10	46	
4	34				8	"	"		5	13	42	
5	35				"	GREY	WET SAND		ND	7	48	
826	36				"	"	"		5	10	24	

BONDAR-CLEGG & COMPANY LTD.

GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR P. BROWNSWORD

 AREA FYRE LAKE

 DATE 16/6/66

PROJECT _____

 LOCATION REF. ASA GROUP

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
									Cu	Pb	Zn	
827	L84 37E	↙	BUCKBRUSH & TREES		10"	GREY	CLAY		15	9	92	
28	38	"			8"	"	WET SAND		12	18	98	
29	39	"						STREAM SED FLOW SAND	16	27	56	
30	40							"	8	13	64	
31	41				8"	BROWN	SAND		5	12	76	
2	42				"	"	COARSE SAND		6	2	76	
3	43				12	BLUE GREY	SAND		ND	4	20	
A	44				"	PURP BROWN	FROZEN CLAY		ND	1	62	L
5	45	"			"	IL	"		ND	10	60	
6	L88 44E	"			"	"	"		ND	2	52	
7	43	"			10	GREY BLACK	COARSE SAND		22 44	9	74	
838	42	"			"	"	"		20	5	60	
9	41				"	"	"		10	5	28	
841	40				"	"	"		5	1	28	
2	39				"	"	"		12	5	52	

(A840 12 2 62)
 Cu Pb Zn

BONDAR-CLEGG & COMPANY LTD.

GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR P. BROWNSWORD

 AREA FYRE LAKE

 DATE 16/6/66

PROJECT _____

 LOCATION REF. ASH GROUP

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
									Cu	Pb	Zn	
843	^{L89} 39E	↙	BUCK BRUSH & TREES		16"	GREY BLACK	FROZEN CLAY		15	5	76	
844	38	"			8	GREY	SAND		5	2	69	
5	37	"			"	BLACK	FROZEN CLAY					
6	36	"			10	"	"		20	6	79	
7	35	"			"	GREY	"		22	9	58	
8	34	"			"	"	"		20	3	98	
9	33	"			6	BROWN GREY	SAND	} river sand	ND	8	58	
850	32	"			"	"	"		30	12	54	
51	31	"			"	"	"		20	10	79	
52	30	↙			"	"	"		18	19	72	
53	29	—			8	"	"		10	12	69	
4	28	↘			"	"	"		18	19	82	
855	28	—			10	RUST	SAND		20	6	189	
6	17	—			"	"	"		15	4	258	
7	16	↗			"	"	"		10	6	36	

BONDAR-CLEGG & COMPANY LTD.

GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR P. BROWNSWORD

 AREA FYRE LAKE

 DATE 16/6/66

PROJECT _____

 LOCATION REF. ASH GROUP

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS		
									Cu	Pb	Zn
858	⁵⁸⁸ 15B	↘	BUCKBRUSH & TREES		10	RUST	SAND		8	3	24
859	14	"			"	"	"		6	2	74
860	13	"			"	"	"		5	5	62
1	12	1			"	"	"		14	4	34
2	11				"	TAN	"		12	2	14
3	10				"	"	"		ND	3	22
4	9				12	"	"		5	5	24
5	8				"	"	"		6	5	38
6	7				14	GREY TAN	"		5	6	34
7	6				12"	GREY	"		6	1	18
8	5				8	TAN	"		10	2	42
9	4				"	"	"		8	1	24
870	3				"	GRBY	"		ND	ND	32
1	2				"	"	"		3	1	22
2	1				"	"	"		4	1	16

BONDAR-CLEGG & COMPANY LTD.

GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR P. BROWNSWORD

AREA FYRE LAKE

DATE 16/6/66

PROJECT _____

LOCATION REF. ASA GROUP

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
									Cu	Pb	Zn	
873	188 1 W	→			6"	GREY	SAND		8	2	32	
4	2 W	→			8	DARK BROWN	"		8	1	22	
5	3	→			8	RUST	"		12	ND	36	
6	4	↓			10	BROWN	"		16	4	40	
7	5	↓			12	GREY	CLAY	MAYBE ASH	6	2	12	
8	6	↓			10	"	"		ND	4	22	
9	7	—			8	GREEN BROWN	SAND		18	4	44	
880	8	⊙			12	GREY	CLAY WET		3	3	42	
1	9	⊙			8	"	SAND		5	ND	30	
2	10	⊙			"	BROWN	"	OLD RIVER PATH	10	2	20	
3	11	⊙			"	GREY	"		10	4	30	
4	12	↗			12"	BROWN	"		14	ND	56	
5	13	↗			8	"	"		16	ND	20	
6	14	↗			"	GREEN BROWN	WET MUD		6 8	4 8	20 6	
887	15	↗			"	RUST	SAND		8 6	ND 4	24 20	

BONDAR-CLEGG & COMPANY LTD.

GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR P. BROWNSWORD

AREA FYRE LAKE

DATE 16/6/66

PROJECT _____

LOCATION REF. ASA GROUP

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
									Cu	Pb	Zn		
888	L88 16 W	—	BUCK BRUSH		6"	RUST	SAND		4	ND	19		
9	17	—	"		8"	BROWN	SAND		8	1	29		
896	18 W	↘	"		8"	"	"		4	3	28		
1	19	"	"		"	RUST	"		8	2	38		
2	20		"		11"	GREY BROWN	"		5	2	20		
3	21	—			"	"	"		5	1	24		
4	22	—			"	"	"		6	3	29		
5	23	—			"	"	"	RIVER 6' SW	22	3	69		
6	L88 24 W	—			6"	BROWN	FINE SAND	50' TO RIVER	11	5	60		
7	23	"			"	"	SAND		8	3	48		
8	22	"			"	"	"		10	1	36		
9	21	"			10"	"	"		3	ND	16		
900	20	"			"	"	"		8	ND	8		
901	19	"			"	"	"		3	ND	10		
902	18	"			10"	RUST	"		ND	ND	28		

R 23

BONDAR-CLEGG & COMPANY LTD.

GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR P. BROWNSWORDAREA FYRE LAKEDATE 16/6/66

PROJECT _____

LOCATION REF. ASH GROUP

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
									Cu	Pb	Zn		
903	L84 17 <input checked="" type="checkbox"/>	↙	BUCKBRUSH		8	RUST	SAND		ND	1	36		
4	16	"			"	"	"		ND 6	2	50		
5	15	"			"	"	"		ND	4	26		
6	14	"			6	GREEN BROWN	"		"	3	60		
7	13	—			"	"	"		8	1	36		
8	9	—			8	GREY BROWN	GRAVEL WET		13	6	69		
9	6	—			12	BROWN	WET SAND		18	6	56		
910	5	"			12	"	"		ND	ND	38		
1	4	—			12	"	"		ND	ND	30		
2	3	↓			10	RUST	SAND		ND	ND	40		
3	2	↓			"	"	"		ND	ND	24		
4	1	↓			8	GREY	SAND		ND	ND	20		
5													
6													
917													

**ANALYTICAL WORK SHEET
GEOCHEMICAL**

Report Number R-23-66
 From Bob Harvey Phil Nelson
 Tested For Cu-Pb-Zn
 Date 17 June 66

Weight of Sample 0.500g
 Extraction K₂SO₄ - fusion
 Volume Used _____
 Analyst E.C. J.M. D.L.

SAMPLE NUMBER		Cu PPM	PPM	Pb	PPM	Zn	PPM	PPM	PPM	PPM
OURS	YOURS									
1	A 688	10			9	24				
2	A 689	12			7	52				
3	A 690	10			N.D.	40				
4	A 691	11			9	48				
5	H 692	44			5	61				
6	A 693	12			5	22	-			
7	A 694	30			30	102				
8	A 695	24			8	60				
9	A 696	24			20	64				
10	A 697	24			30	54				
11	A 698	16			7	44				
12	A 699	10			40	40				
13	A 700	22			28	64				
14	A 701	ND			3	30				
15	A 702	22			6	60				
16	A 703	22			7	34				
17	A 704	18			8	54				
18	A 705	30			6	60				
19	A 706	148			4	N.D.				
20	A 707	48			3	50				
21	A 708	68			2	66				
22	A 709	78			15	58				
23	A 710	35			2	62				
24	A 711	42			6	76				
25	A 712	18			7	80				
26	A 713	5			6	36				
27	A 714	6			5	42				
28	A 715	32			8	70				
29	A 716	32			9	74				

**ANALYTICAL WORK SHEET
GEOCHEMICAL**

Report Number R-23-66
 From Bob Harvey
 Tested For Cu-Pb-Zn
 Date

Weight of Sample 0.500g
 Extraction K₂S₂O₇ - fusion
 Volume Used

Analyst JBW.

SAMPLE NUMBER		Cu	PPM	Pb	PPM	Zn	PPM	PPM	PPM	PPM
OURS	YOURS									
30	A 717		12		32		56			
31	A 718		5		6		12			
32	A 719		6		22		18			
33	A 720		18		25		34			
34	A 721		16		9		30			
35	A 722		22		20		60			
36	A 723		22		12		62			
37	A 724		20		10		54			
38	A 725		44		1		58			
39	A 726		10		9		32			
40	A 727		40		8		54			
41	A 728		64		9		60			
42	A 729		22		15		62			
43	A 730		6		7		36			
44	A 731		10		6		32			
45	A 732		10		N.D.		18			
46	A 733		58		2		82			
47	A 734		10		8		44			
48	A 735		12		6		22			
49	A 736		ND		18		36			
50	A 737		ND		12		46			
51	A 738		22		14		32			
52	A 739		20		16		40			
53	A 740		16		12		38			
54	A 741		70		17		34			
55	A 742		6		10		26			
56	A 743		40		1		44			
57	A 744		18		14		26			
58	A 745		18		ND		30			

**ANALYTICAL WORK SHEET
GEOCHEMICAL**

Report Number R-23-66 Weight of Sample 0.500g
 From Bob Harvey Phil Nelson Extraction K₂S₂O₇ fusion
 Tested For Cu-Pb-Zn Volume Used _____
 Date 17 June 66 Analyst _____

SAMPLE NUMBER		Cu	PPM	Pb	PPM	Zn	PPM	PPM	PPM	PPM
OURS	YOURS									
59	A 746		8		10 10	82				
60	A 747		10		14 14	34				
61	A 748		10		28 12	36				
62	A 749		16		12	54				
63	A 750		12		2 14	30				
64	A 751		6		13	24				
65	A 752		ND		13	20				
66	A 753		12		18	44				
67	A 754		ND		19	18				
68	A 755		12		15	22				
69	A 756		16		13	54				
70	A 757		32		17	42				
71	A 758		22		17	48				
72	A 759		20		15	42				
73	A 760		40		9	36				
74	A 761		22		19	42				
75	A 762		26		16	44				
76	A 763		20		19	30				
77	A 764		18		1	36				
78	A 765		38		19	56				
79	A 766		30		19	70				
80	A 767		16		20	60				
81	A 768		20		20	44				
82	A 769		20		20	248				
83	A 770		10		20	54				
84	A 771		10		20	46				
85	A 772		10		10	30				
86	A 773		12		19	38				
87	A 774		12		16	48				

**ANALYTICAL WORK SHEET
GEOCHEMICAL**

Report Number R-23-66

Weight of Sample 0.500g

From Bob Harvey Phil Nelson

Extraction K₂S₂O₇ - Fusion

Tested For Pb - Cu - Zn

Volume Used 2/21

Date 17 June 66

Analyst JBP

SAMPLE NUMBER		Cu	PPM	Pb	PPM	Zn	PPM	PPM	PPM	PPM
OURS	YOURS									
88	A 775		18		15	54				
89	A 776		12		ND	40				
90	A 777		12		28	40				
91	A 778		ND		1	56				
92	A 779		2		2	60				
93	A 780		10		2	56				
94	A 781		5		3	22				
95	A 782		10		9	30				
96	A 783		10		19	28				
97	A 784		ND		9	42				
98	A 785		ND		5	32				
99	A 786		12		15	30				
100	A 787		ND		5	60				
101	A 788		ND		12	46				
102	A 789		ND		10	42				
103	A 790		12		15	30				
104	A 791		5		7	20				
105	A 792		ND		-	-				
106	A 793		5		10	36				
107	A 794		45		10	54				
108	A 795		ND		1	56				
109	A 796		10		3	54				
110	A 797		6		13	24				
111	A 798		16		10	12				
112	A 799		5		15	46				
113	A 800		48		7	24				
114	A 801		2		9	22				
115	A 802		32		6	20				
116	A 803		32		10	10				

ANALYTICAL WORK SHEET
GEOCHEMICAL

Report Number R-23-66
 From Bob Harney Phil Nielsen
 Tested For Cu-Pb-Zn
 Date 17 June 66

Weight of Sample 0.500g
 Extraction K₂S₂O₇ - Fusion
 Volume Used 2/2/1
 Analyst JBP

SAMPLE NUMBER		Cu	PPM	Pb	PPM	Zn	PPM	PPM	PPM	PPM	PPM
OURS	YOURS										
117	A 804		5		10		27	54			
118	A 805		5		10		31	62			
119	A 806		4		5		13	26			
120	A 807		18		14		20	52			
121	A 808		8		1		28	58	6		
122	A 809		2		2		17	34			
123	A 810		10		10		30	60			
124	A 811		2		5		25	50			
125	A 812		18		10		22	44			
126	A 813		18		9			42			
127	A 814		60		15			52			
128	A 815		30		7			58			
129	A 816		46		12			48			
130	A 817		8		7			62			
131	^{0.125} 9. A 818		15		9			64			
132	A 819		18		4			54			
133	A 820		10		19			54			
134	A 821		5		17			44			
135	A 822		6		12			46			
136	A 823		8		10			46			
137	A 824		5		13			42			
138	A 825		10		7			48			
139	A 826		5		10			24			
140	A 827		15		4			42			
141	A 828		12		18			48			
142	A 829		16		27			56			
143	A 830		8		13			64			
144	A 831		5		12			76			
145	A 832		6		2			76			

ANALYTICAL WORK SHEET
GEOCHEMICAL

Report Number R-23-66
 From Bob Harvey
 Tested For Cu-Pb-Zn
 Date 17 Jenable

Weight of Sample 0.500g
 Extraction K₂SO₄ - Fusion
 Volume Used 2/21
 Analyst HPDP

SAMPLE NUMBER		Cu	PPM	Pb	PPM	Zn	PPM	PPM	PPM	PPM
OURS	YOURS									
146	A 833		ND		4		20			
147	A 834		ND		1		62			
148	A 835		ND		10		60			
149	A 836		ND		2		52			
150	A 837		22		9		74			
151	A 838		20		5		60			
152	A 839		10		5		56			
153	A 840		12		2		62			
154	A 841		5		1		28			
155	A 842		12		5		52			
156	A 843		15		5		76			
157	A 844		5		2		64			
158	A 845		ALL		ORGANIC					
159	A 846		20		6		74			
160	A 847		22		4		56			
161	A 848		20		3		48			
162	A 849		ND		8		58			
163	A 850		30		12		54			
164	A 851		20		10		74			
165	A 852		18		14		72			
166	A 853		10		12		64			
167	A 854		18		14		82			
168	A 855		20		6		184			
169	A 856		15		4		248			
170	A 857		10		6		36			
171	A 858		8		3		24			
172	A 859		6		2		74			
173	A 860		5		5		62			
174	A 861		14		4		34			

**ANALYTICAL WORK SHEET
GEOCHEMICAL**

Report Number R-23-66
 From Bob Harvey
 Tested For Cu-Pb-Zn
 Date 17 June 66

Weight of Sample 0.500g
 Extraction K₂S₂O₇-Fusion
 Volume Used 241
 Analyst JBP

SAMPLE NUMBER		Cu	PPM	Pb	PPM	Zn	PPM	PPM	PPM	PPM
OURS	YOURS									
175	A 862		12		2		28			
176	A 863		ND		3		22			
177	A 864		5		5		24			
178	A 865		6		5		38			
179	A 866		5		6		34			
180	A 867		6		1		18			
181	A 868		10		2		42			
182	A 869		8		1		24			
183	A 870		ND		ND		32			
184	A 871		3		1		22			
185	A 872		4		1		16			
186	A 873		8		2		32			
187	A 874		8		1		22			
188	A 875		12		ND		36			
189	A 876		16		4		40			
190	A 877		6		2		12			
191	A 878		ND		4		22			
192	A 879		18		4		44			
193	A 880		3		3		42			
194	A 881		5		ND		30			
195	A 882		10		2		40			
196	A 883		10		4		30			
197	A 884		14		ND		54			
198	A 885		10		ND		20			
199	A 886		6		4		20			
200	A 887		8		ND		24			
201	A 888		4		ND		14			
202	A 889		8		1		24			
203	A 890		4		3		28			



ANALYTICAL WORK SHEET
GEOCHEMICAL

Report Number R-23-66
 From Bob Harvey *Phil Nelson*
 Tested For Cu - Pb - Zn
 Date 17 June 66

Weight of Sample 0.500g
 Extraction K₂S₂O₇ - Fusion
 Volume Used 2/21
 Analyst JBD

SAMPLE NUMBER		Cu	PPM	Pb	PPM	Zn	PPM	PPM	PPM	PPM
OURS	YOURS									
204	A 891	8		2		38				
205	A 892	5		2		20				
206	A 893	5		1		24				
207	A 894	6		3		24				
208	A 895	11		3		64				
209	A 896	11		5		60				
210	A 897	8		3		48				
211	A 898	10		1		36				
212	A 899	3		ND		16				
213	A 900	8		ND		8				
214	A 901	3		ND		10				
215	A 902	ND		ND		28				
216	A 903	ND		1		36				
217	A 904	6		2		50				
218	A 905	ND		4		26				
219	A 906	11		3		60				
220	A 907	8		1		36				
221	A 908	13		6		64				
222	A 909	18		6		56				
223	A 910	ND		ND		28				
224	A 911	ND		ND		30				
225	A 912	ND		ND		40				
226	A 913	ND		ND		24				
227	A 914	ND		ND		20				
228										
229										
230										
231										
232										

ANALYTICAL WORK SHEET

GEOCHEMICAL

[0 1/4, 1/2, 1, 2, 3, 4, 5. ppm]
 1/2 1 2 4 6 8 10 ml

Report Number R-23-66
 From White Nielsen
 Tested For Cu - Pb - Zn
 Date 17 June 66(?)

Weight of Sample 0.500g
 Extraction K₂SO₄ - Fusion
 Volume Used {Pb 2ml}
 Analyst _____

SAMPLE NUMBER		Cu	PPM	Pb	PPM	Zn	PPM	PPM	Pb	PPM	PPM
OURS	YOURS										
1	A 688	1.0	10	1.5	9	1.2	24		.9		
2	A 689	1.2	12	1.0	7	2.6	52		.7		
3	A 690	1.0	10	ND.	ND	2.0	40		N.D.		
4	A 691	1.1	11	1.5	9	2.4	48		.9		
5	A 692	4.4	44	.5	5	3.1	61		.5		
6	A 693	1.2	12	.5	5	1.1	22		.5		
7	A 694	3.0	30	3.0	30	5.1	102		3.0		
8	A 695	2.4	24	1.0	8	3.0	60		.8		
9	A 696	2.4	24	5.0	20	3.2	64		2.0		
10	A 697	2.4	24	4.2	30	2.7	22	7.54	3.0		
11	A 698	1.6	16	1.2	7	2.2	22	44	.7		
12	A 699	0.0	10	5.0	40	2.0	20	40	4.0		
13	A 700	2.2	22	3.0	28	3.2	64		2.8		
14	A 701	ND	ND	0.2	3	1.5	30		.3		
15	A 702	2.2	22	1.0	6	3.0	60		.6		
16	A 703	2.2	22	.9	7	1.8	36		.7		
17	A 704	1.8	18	.9	8	2.7	54		.8		
18	A 705	3.0	30	.8	6	3.0	60		.6		
19	A 706	14.5	? 14	.4	NS	NS	ND		.4		
20	A 707	4.8	48	.3	3	2.5	50		.3		
21	A 708	6.8	68	.2	2	3.3	66		.2		
22	A 709	7.8	78	.5	15	2.9	58		.5		
23	A 710	3.5	35	.2	2	3.1	62		.2		
24	A 711	4.2	42	.6	6	3.8	76		.6		
25	A 712	1.8	18	.7	7	4.0	80		.7		
26	A 713	0.5	5	.6	6	1.8	36		.6		
27	A 714	0.6	6	.5	5	2.1	42		.5		
28	A 715	3.2	32	.8	8	3.5	70		.8		
29	A 716	3.2	32	.9	9	3.7	74		.9		

**ANALYTICAL WORK SHEET
GEOCHEMICAL**

Report Number R-23-16
 From Bob Ho Phil Nielsen
 Tested For As Pb Zn
 Date

Weight of Sample 0.500g
 Extraction K₂SO₄ fusion
 Volume Used

SAMPLE NUMBER		Cu	PPM	Pb	PPM	Zn	PPM	PPM	PPM	PPM
OURS	YOURS									
30	A 717	1.2	12	3.2		2.8				
31	A 718	0.5	5	.6		0.6				
32	A 719	0.6	6	2.2		0.9				
33	A 720	1.8	18	2.5		1.7				
34	A 721	1.6	16	.9		1.5				
35	A 722	2.2	22	2.0		3.0				
36	A 723	2.2	22	1.2		3.1				
37	A 724	2.0	20	1.0		2.7				
38	A 725	4.4	44	0.1		2.9				
39	A 726	1.0	10	.9		1.6				
40	A 727	4.0	40	.8		2.7				
41	A 728	6.4	64	.9		3.0				
42	A 729	2.2	22	1.5		3.1				
43	A 730	0.6	6	.7		1.8				
44	A 731	1.0	10	.6		1.6				
45	A 732	1.0	10	N.D.		0.9				
46	A 733	5.8	58	.2		4.1				
47	A 734	1.0	10	0.8		2.2				
48	A 735	1.2	12	.6		1.1				
49	A 736	ND		1.8		1.8				
50	A 737	ND		1.2		2.3				
51	A 738	2.2	22	1.4		1.6				
52	A 739	2.0	20	1.6		2.0				
53	A 740	1.6	16	1.2		1.9				
54	A 741	2.0	20	1.7		1.7				
55	A 742	0.6	6	1.0		1.3				
56	A 743	4.0	40	.1		2.2				
57	A 744	1.8	18	1.4		1.3				
58	A 745	1.8	18	N.D.		1.5				



**ANALYTICAL WORK SHEET
GEOCHEMICAL**

Report Number R-23-66
 From Bob Harvey Phil Nielsen
 Tested For Cu-Pb-Zn
 Date

Weight of Sample 0.500g
 Extraction K₂S₂O₇ - fusion
 Volume Used

Analyst

SAMPLE NUMBER		Cu	PPM	Pb	PPM	Zn	PPM	PPM	PPM	PPM	PPM
OURS	YOURS										
59	A 746	0.8	8	1.0		4.1					
60	A 747	1.0	10	1.4		1.7					
61	A 748	1.0	10	1.2		1.8					
62	A 749	1.6	16	1.2		2.7					
63	A 750	1.2	12	1.4		1.5					
64	A 751	0.6	6	1.3		1.2					
65	A 752	ND		1.0		1.0					
66	A 753	1.2	12	1.8		2.2					
67	A 754	ND		1.9		0.9					
68	A 755	1.2	12	1.5		1.1					
69	A 756	1.6	16	1.3		2.7					
70	A 757	3.2	32	1.7		2.1					
71	A 758	2.2	22	1.7		2.4					
72	A 759	2.2	20	1.5		2.1					
73	A 760	4.0	40	0.9		1.8					
74	A 761	2.2	22	1.9		2.1					
75	A 762	2.6	26	1.6		2.2					
76	A 763	2.0	20	1.9		1.5					
77	A 764	1.8	18	0.1		1.8					
78	A 765	3.8	38	1.9		2.8					
79	A 766	3.0	30	1.9		3.5					
80	A 767	1.6	16	2.0		3.0					
81	A 768	2.0	20	2.0		2.2					
82	A 769	2.0	20	2.0		2.4					
83	A 770	1.0	10	2.0		2.7					
84	A 771	1.0	10	2.0		2.3					
85	A 772	1.0	10	1.0		1.5					
86	A 773	1.2	12	1.9		1.9					
87	A 774	1.2	12	1.6		2.4					

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number R-23-66 Weight of Sample 0.500g
 From ~~Bob Harvey~~ Phil Nielsen Extraction K₂S₂O₇ - Fusion
 Tested For Pb-Cu-Zn Volume Used [2 ml for Pb] (2 ml Cu) (1 ml Zn)
 Date _____ Analyst _____

SAMPLE NUMBER		Cu	PPM	Pb	PPM	Zn	PPM	PPM	PPM	PPM
OURS	YOURS									
88	A 775	1.8		2.5		2.7				
89	A 776	1.2		N.D.		2.0				
90	A 777	1.2		2.8		2.0				
91	A 778	ND		.1		2.8				
92	A 779	0.2		.2		3.0				
93	A 780	1.0		.2		2.6				
94	A 781	0.5		.3		1.1				
95	A 782	1.0		.9		1.5				
96	A 783	1.0		1.9		1.4				
↓ 97	A 784	ND		0.9		2.1				
98	A 785	ND		0.5		1.6				
99	A 786	1.2		1.5		1.5				
100	A 787	ND		.5		3.0				
101	A 788	ND		1.2		2.3				
102	A 789	ND		1.0		2.1				
103	A 790	1.2		1.5		1.5				
104	A 791	0.5		0.7		1.0				
105	A 792	ND		#?		NS				
106	A 793	0.5		1.0		1.8				
107	A 794	4.5		1.0		2.7				
108	A 795	ND		0.1		2.5				
109	A 796	1.0		0.3		2.7				
110	A 797	0.6		1.3		1.2				
111	A 798	1.6		1.0		0.6				
112	A 799	0.5		1.5		2.3				
113	A 800	4.8		0.7		1.2				
114	A 801	0.2		0.9		1.1				
115	A 802	3.2		0.6		1.0				
116	A 803	3.2		1.0		0.5				



**ANALYTICAL WORK SHEET
GEOCHEMICAL**

Report Number A-23-66
 From Bob Harvey
 Tested For Cu, Pb, Zn
 Date

Weight of Sample 0.500g
 Extraction K₂S₂O₇ - Fusion
 Volume Used Cu/Pb/Zn: 2/2/1
 Analyst JBD + CR

SAMPLE NUMBER		Cu	PPM	Pb	PPM	Zn	PPM	PPM	PPM	PPM
OURS	YOURS									
117	A 804	0.5		1.0		2.7				
118	A 805	0.5		1.0		3.1				
119	A 806	0.4		0.5		1.3				
120	A 807	1.8		1.4		2.6				
121	A 808	0.8		.1		2.8				
122	A 809	0.2		.2		1.7				
123	A 810	1.0		1.0		3.0				
124	A 811	0.2		.5		2.5				
125	A 812	1.8		1.0		2.2				
126	A 813	1.8		.9		2.1				
127	A 814	6.0		1.5		2.6				
128	A 815	3.0		.7		2.9				
129	A 816	4.6		1.2		2.4				
130	A 817	0.8		.7		3.1				
131	A 818	1.5		.9		3.2				
132	A 819	1.8		.4		2.7				
133	A 820	1.0		1.9		2.7				
134	A 821	0.5		1.7		2.2				
135	A 822	0.6		1.2		2.3				
136	A 823	0.8		1.0		2.3				
137	A 824	0.5		1.3		2.1				
138	A 825	ND		.7		2.4				
139	A 826	0.5		1.0		1.2				
140	A 827	1.5		.4		2.1				
141	A 828	1.2		1.8		2.4				
142	A 829	1.6		2.7		2.8				
143	A 830	0.8		1.3		3.2				
144	A 831	0.5		1.2		3.8				
145	A 832	0.6		.2		3.8				



**ANALYTICAL WORK SHEET
GEOCHEMICAL**

Report Number P-23-66
 From Bob Harvey
 Tested For Cu-Pb-Zn
 Date

Weight of Sample 0.500g
 Extraction K₂S₂O₇ - Fusion
 Volume Used 2/2/1 Pb 2 ml
 Analyst JBOO + AR

SAMPLE NUMBER		Cu	PPM	Pb	PPM	Zn	PPM	PPM	PPM	PPM
OURS	YOURS									
146	A 833	ND		.4		1.0				
147	A 834	ND		.1		3.1				
148	A 835	ND		1.0		3.0				
149	A 836	ND		.2		2.6				
150	A 837	2.2		.9		3.7				
151	A 838	2.0		.5		3.0				
152	A 839	1.0		.5		2.8				
153	A 840	1.2		.2		3.1				
154	A 841	0.5		.8		1.4				
155	A 842	1.2		.5		2.6				
156	A 843	1.5		.5		3.8				
157	A 844	0.5		.2		3.2				
158	A 845	0.5	-	-		ND	-			
159	A 846	2.0		.6		3.7				
160	A 847	2.2		.4		2.8				
161	A 848	2.0		.3		2.4				
162	A 849	ND		.8		2.9				
163	A 850	3.0		1.2		2.7				
164	A 851	2.0		1.0		3.7				
165	A 852	1.8		1.4		3.6				
166	A 853	1.0		1.2		3.2				
167	A 854	1.8		1.4		4.1				
168	A 855	2.0		.6		9.2				
169	A 856	1.5		.4		12.9				
170	A 857	1.0		.6		1.8				
171	A 858	0.8		.3		1.2				
172	A 859	0.6		.2		3.7				
173	A 860	0.5		.5		3.1				
174	A 861	1.4		.4		1.7				

**ANALYTICAL WORK SHEET
GEOCHEMICAL**

Report Number R-73-66
 From Bob Harvey
 Tested For Cu, Pb, Zn
 Date _____

Weight of Sample 0.500g
 Extraction K₂S₂O₇ - Fusion
 Volume Used 2/2/1 Ph₂ml
 Analyst JBO/20 CA.

SAMPLE NUMBER		Cu	PPM	PPM	Zn	PPM	PPM	PPM	PPM	PPM
OURS	YOURS									
175	A 862	1.2	.2		1.4					
176	A 863	ND	.3		1.1					
177	A 864	0.5	.5		1.2					
178	A 865	0.6	.5		1.9					
179	A 866	0.5	.6		1.7					
180	A 867	0.6	.1		0.9					
181	A 868	1.0	.2		2.1					
182	A 869	0.8	.1		1.2					
183	A 870	ND	ND		1.6					
184	A 871	0.3	.1		1.1					
185	A 872	0.4	.1		0.8					
186	A 873	0.8	.2		1.6					
187	A 874	0.8	.1		1.1					
188	A 875	1.2	ND		1.8					
189	A 876	1.6	.4		2.0					
190	A 877	0.6	.2		0.6					
191	A 878	ND	.4		1.1					
192	A 879	1.8	.4		2.2					
193	A 880	0.3	.3		2.1					
194	A 881	0.5	ND		1.5					
195	A 882	1.0	.2		2.0					
196	A 883	1.0	.4		1.5					
197	A 884	1.4	ND		2.9					
198	A 885	1.0	ND		1.0					
199	A 885	0.6	.4		1.0					
200	A 887	0.8	ND		1.2					
201	A 888	0.4	ND		.7					
202	A 889	0.8	.1		1.2					
203	A 890	0.4	.2		1.4					

**ANALYTICAL WORK SHEET
GEOCHEMICAL**

Report Number R-23-66
 From Bob Harvey
 Tested For Cu-Pb-Zn
 Date

Weight of Sample 0.500g
 Extraction K₂S₂O₇ - Fusion
 Volume Used (162ml)
 Analyst [Signature]

SAMPLE NUMBER		Cu	PPM	Pb	PPM	Zn,	PPM	PPM	PPM	PPM	PPM
OURS	YOURS										
204	A 891	0.8		.2		1.9					
205	A 892	0.5		.2		1.0					
206	A 893	0.5		.1		1.2					
207	A 894	0.6		.3		1.2					
208	A 895	1.1		.3		3.2					
209	A 896	1.1		.5		3.0					
210	A 897	0.8		.3		2.4					
211	A 898	1.0		.1		1.8					
212	A 899	0.3		ND		.8					
213	A 900	0.8		ND		.4					
214	A 901	0.3		ND		.5					
215	A 902	ND		ND		1.4					
216	A 903	ND		.1		1.8					
217	A 904	0.6		.2		2.5					
218	A 905	ND		.4		1.3					
219	A 906	1.1		.3		3.0					
220	A 907	0.8		.1		1.8					
221	A 908	1.3		.6		3.2					
222	A 909	1.8		.6		2.8					
223	A 910	ND		ND		1.4					
224	A 911	ND		ND		1.5					
225	A 912	ND		ND		2.0					
226	A 913	ND		ND		1.2					
227	A 914	ND		ND		1.0					
228											
229											
230											
231				ND		EO					
232						11					

R-20

BONDAR-CLEGG & COMPANY LTD.

GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR P. BROWNSWORDAREA FYRE LAKEDATE 10/4/66

PROJECT _____

LOCATION REF. ASH GROUP

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
									Cu	Pb	Zn		
391	L44 22E	↙	BUCK BUSH + TREES		6"	GREY	WET SAND		4	5	24		
2	23	↙			8"	"	"		4	7	28		
3	24	↘			"	BROWN	SAND		14	10	44		
4	25	↙			"	GREY	"		5	8	24		
5	26	↑			"	BROWN	CLAY		14	12	60		
6	27	↓			"	"	"		28	6	30		
7	28	↘			"	"	"		20	10	30		
8	29	↓			14"	TAN	SAND		12	10	40		
9	30	—			"	RUST	"		15	10	36		
400	31	—			8"	GREEN BROWN	"		10	9	32		
01	32	↗			"	BROWN	"		35	28	90		
2	33	—			"	"	"		12	20	60		
3	34	—			"	"	"		14	10	36		
4	35	↗			6"	BLACK	SILT	STREAM BANK	NO	3	10		
405	36	↘			10"	BROWN	SAND		18	22	52		

A-20

BONDAR-CLEGG & COMPANY LTD.

GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR P. BROWNSWORDAREA FYRE LAKEDATE 10/11/66

PROJECT _____

LOCATION REF. ASA GROUP

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
									Cu	Pb	Zn	
406	L44 37E				14"	BROWN	SAND		18	9	40	
7	38	"			8	"	"		26	25	54	
8	39	"			"	"	"		12	23	56	
9	40	"			12"	RED BROWN	"		30	22	84	
410	41	"			10"	GREY	"		24	32	40	
11	42	"			"	"	"					
12	43	"			8	RUST	"					
13	44	"			"	"	"		20	25	84	
14	45	"			"	"	"		34	30	86	
15	L48 45E	"			12"	BROWN	SAND		30	7	44	
16	44	"			10"	GREY	SAND		40	22	80	
17	43	"			12"	BROWN	"		ND	7	56	
18	42	"			"	"	"		40	10	80	
19	41	"			"	"	"		38	8	84	
420	40	"			10"	RUST	CLAY		30	22	60	

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BONDAR-CLEGG & COMPANY LTD.

GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR P. BROWNSWORD

AREA FYRE LAKE

DATE 10/6/66

PROJECT _____

LOCATION REF. ASH GROUP

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS		
									Cu	Pb	Zn
421	L48 39E	↙		10"	GREY CLAY				28	10	64
22	38	"		#	10"	GREY	SAND		35	12	120
23	37	"			8"	BROWN	"		NO	6	24
24	36	↕			"	BLACK	SILT		NO	6	28
25	35	↕				FINE SAND		STREAM SEDIMENT FLUORINE SW	18	12	56
26	34	—			6"	BROWN	"		10	10	24
7	33	↙			8"	"	"		2	6	10
8	32	↙			"	LIGHT BROWN	"		25	18	60
9	31	—			"	GREY	CLAY		10	16	20
430	30	—			"	"	"				
1	29	—			"	BLUE GRAY	"		5	10	20
2	28	↙			"	"	"		2	3	16
3	27	"			"	BROWN	SAND		10	9	48
4	26	—			"	"	"		12	21	40
435	25	—			"	"	"		4	5	10

R 20

BONDAR-CLEGG & COMPANY LTD.

GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR P. BROWNSWORD

AREA AYRE LAKE

DATE 10/6/66

PROJECT _____

LOCATION REF. ASA GROUP

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
									Cu	Pb	Zn		
436	L48 24 E E	E			10"	BROWN	CLAY		12	5	48		
7	23	—			"	GRAY	"		ND	4	30		
8	22	—			"	"	"		15	6	48		
9	21	E			"	BROWN	SAND		10	4	40		
440	20	—			"	BLUE GRAY	CLAY		5	7	28		
41	19	E			"	GREEN GRAY	CLAY WBT		8	4	24		
2	18	"			8"	GRAY	CLAY		8	4	20		
3	17	"			"	BROWN	"		5	5	28		
4	16	"			"	"	DRY SAND		12	5	60		
5	15	"			"	GRAY GREEN	SAND		5	3	40		
6	14	"			6"	LIGHT BROWN	DRY SAND		16	3	28		
no sample	13							outcrop	10	4	32		
7	12	E			6"	DARK BROWN	DRY SAND		10 8	4 10	32 52		
8	11	"			8"	"	"		8 14	10 10	52 52		
449	10				"	BROWN	WBT CLAY		14 10	10 3	5 36		

BONDAR-CLEGG & COMPANY LTD.

GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR P. BROWNSWORD

 AREA FYRE LAKE

 DATE 10/6/66

PROJECT _____

 LOCATION REF. ASH GROUP

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS		
									Co	Pb	Zn
450	L48 9E	E			8"	ROST	SAND		10	3	36
1	8	E			10"	GREY	"		5	4	30
2	7	E			12	"	CLAY		4	2	24
3	6	L			14	"	"		35	3	44
4	5	+			6"	DARK BROWN	SILT		14	4	36
5	4	III			6"	BLACK	"		8	4	24
6	3	—			"	BROWN	COARSE SAND		10	3	40
7	2	II			"	BLACK	SILT				
8	1	II				BLACK	"	LARGE ORG	ND	1	4
9	L52 1W	II			6	BROWN	BEACH SAND		12	5	60
#60	2	II			"	"	MUCK	LARGE ORG	ND	1	10
1	3	+			"	"	"		ND	2	12
2	4	+			"	"	"		2	1	16
3	5	II			"	"	"		ND	ND	8
464	6	II			"	"	"		10	1	40

BONDAR-CLEGG & COMPANY LTD.

GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR P. BROWNSWORD

AREA FYRE LAKE

DATE 10/6/66

PROJECT _____

LOCATION REF. ASH GROUP

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
									Cd	Pb	Zn	
465	L52 7W				10"	LIGHT BROWN	SAND		24	3	92	
6	8W				8"	BROWN	MUCK		15	2	60	
7	9W				"	"	"					
8	10W				"	"	"		ND	1	6	
9	11W				"	"	"		20	4	132	
470	12W				"	"	"		36	6	100	
471	L56 10W				4"	"	"	10' to river	20	4	79	
2	9N				"	"	"		19	ND	76	
3	8W	"			"	"	"		ND	2	10	
4	7	"			"	"	"		16	4	60	
5	6W	"			"	"	"		30	4	80	
6	5	"			6	BROWN	SAND		12	2	48	
7	4	"			4"	"	MUCK		20	5	60	
8	3	"			"	"	"		10	18	80	
479	2	"			"	LIGHT BROWN	SILT		20	10	60	

BONDAR-CLEGG & COMPANY LTD.

GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR P. BROWNSNORD

AREA FYRE LAKE

DATE 10/6/66

PROJECT _____

LOCATION REF. ASH GROUP

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
									Cu	Pb	Zn	
480	L56 1W	∩			6"	LICAT BROWN	SAND		24	6	80	
1	L52 1E	—			1"	GREY	SAND COARSE		18	5	52	
2	2E	—			"	"	"		20	5	44	
3	3E	—			8"	"	"		8	4	40	
4	4	—			6"	LIGHT BROWN	SAND		14	5	48	
5	5	—			"	"	"		10	9	48	
6	6	—			15"	"	"		12	10	60	
7	7	—			8"	"	"		10	9	44	
8	8	∟			"	"	"		10	12	52	
9	9	∟			"	"	"		4	4	24	
490	10	—			"	"	"		4	4	24	

BONDAR-CLEGG & COMPANY LTD.

GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR P. BRONNSWORD

AREA FYRE LAKE

DATE 11/6/66

PROJECT _____

LOCATION REF. ASA GROUP

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS		
									Co	Pb	Zn
491	L52 11 E	/	BUCKBROST		8"	GREY	SAND		5	3	20
2	12	"	"		10"	BROWN	COARSE SAND		16	25	40
3	13	"	"		6"	LIGHT BROWN	SAND		10	3	16
4	14	"			6"	DARK BROWN	"		10	8	24
5	15	"			8"	GREY	"		5	1	20
6	16	—			"	"	COARSE SAND		5	6	36
7	17	—			"	"	SAND		4	10	20
8	18	—			"	"	"		3	3	24
9	19	—			10"	LIGHT BROWN	SAND		10	5	44
500	20	L			8"	GREY	"		2	6	20
1	1	L			"	"	WET SAND		10	5	20
2	2	L			10"	"	"		2	2	16
3	3	L			"	"	"		5	6	12
4	4	L			6"	"	"		12	10	20
5	5	L			8"	"	SAND		10	12	24

BONDAR-CLEGG & COMPANY LTD.

GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR P. BROWNSWORD

AREA FYRE LAKE

DATE 11/6/66

PROJECT _____

LOCATION REF. ASA GROUP

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
									Co	Pb	Zn	
506	L52 26E	↙			8	GREY	SAND		8	12	28	
7	27				"	"	"		18	8	68	
8	28	↕			"	BROWN	LIGHT GRAVEL		10	12	44	
9	29	↕			"	GREY	"		10	12	28	
510	30	—			"	"	WET GRAVEL		12	12	48	
511	31	↑			"	GREY BROWN	SAND		14	12	40	
12	32	↙			8"	BROWN	"		5	4	36	
13	33	—			12"	LIGHT BROWN	BEACH SAND		4	3	20	
14	34	↕			8"	GRAY	SAND		4	6	24	
15	35	↑			"	ROST	"	30' to small pond	20	20	52	
16	36	↙			"	GREEN GRAY	CLAY		20	12	60	
17	37	"			"	"	WET CLAY		22	10	50	
18	38	"			"	"	"					
19	39	"			"	"	"		12	1	40	
520	40				"	"	"		18	7	44	

BONDAR-CLEGG & COMPANY LTD.

GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR P. BROWNSWORD

AREA FIRE LAKE

DATE 11/6/66

PROJECT _____

LOCATION REF. ASA GROUP

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
									Cu	Pb	Zn		
521	L52 41E ↙				12	GREY	SAND		38	15	40		
2	42E				"	"	"		20	15	36		
3	43				"	LIGHT BROWN	"		5	6	20		
4	44				10"	GREY	COARSE SAND		6	6	52		
5	45				"	"	"		5	12	56		
6	L56 45E ↙				10"	BROWN	SAND FROZEN		8	9	44		
7	44	"			"	"	"		12	8	40		
8	43	"			"	"	"		10	6	60		
9	42	"			8"	COARSE BROWN	SAND		10	18	60		
530	41	"			"	DARK BROWN	"		30	14	40		
31	40	"			"	"	"		20	30	16		
32	39	"			"	LIGHT BROWN	"		22	12	24		
33	38	"			"	"	"		5	6	16		
34	37 ↗				"	"	"		16	11	24		
535	36 ↑				"	"	"		18	12	36		

BONDAR-CLEGG & COMPANY LTD.

GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR P. BROWNSWORD

AREA FYRE LAKE

DATE 11/6/66

PROJECT _____

LOCATION REF. ASH GROUP

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
									Cu	Pb	Zn	
536	L56 35E				12"	BROWN	LIGHT GRAVEL		14	6	32	
7	34	↓			8"	"	SAND		8	10	44	
8	33	↓			"	LIGHT BROWN	CLAY		4	8	30	
9	32	↓			"	"	WET CLAY		10	6	44	
540	31	↓			"	"	"		12	6	44	
1	30	"			6"	SALT BROWN	WET SAND		4	4	40	
2	29	"			"	"	SAND		10	15	32	
3	28	"			"	"	"		NO	7	12	
4	27				10"	BROWN	LIGHT GRAVEL		8	8	32	
5	26	↓			"	"	SAND		12	15	32	
6	25	"			8"	"	"		2	7	36	
7	24	"			"	"	"		2	10	32	
548	23	"			"	"	"		4	11	34	
9	22	"			"	LIGHT BROWN	CLAY		10	10	12	
550	21	"			"	"	"		12	10	40	

BONDAR-CLEGG & COMPANY LTD.

GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR P. BROWNSWORD

 AREA FYRE LAKE

 DATE 11/6/66

PROJECT _____

 LOCATION REF. ASA GROUP

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
									Cu	Pb	Zn	
551	L56 20E	↙	BUCK BRUSH ← TREES		10	TAN	WET SAND		5	8	44	
2	19	"			"	"	"					
3	18	"			8	"	SAND		35	6	40	
4	17	"			"	"	"		40	8	28	
5	16	"			"	"	"		12	10	30	
6	15	"			10"	GREY BROWN	CLAY		12	"	32	
7	14	"			"	"	"		5	8	30	
8	13	"			12"	BROWN	WET SAND		18	10	36	
9	12	"			"	"	"		10	15	44	
560	11	"			8"	GREEN BROWN	"		5	10	50	
1	10	"			"	GREY BROWN	"		1	ND	44	
2	9	"			"	"	"		1	ND	20	
3	8	"			10"	BROWN	CLAY		4	ND	60	
4	7	—			"	"	"		3	10	56	
5	6	—			"	"	"		10	65	56	

BONDAR-CLEGG & COMPANY LTD.

GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR P. BROWNSWORD

AREA FYRE LAKE

DATE 11/6/66

PROJECT _____

LOCATION REF. ASH GROUP

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
									Co	Pb	Zn	
566	L56 4E	—			8	BROWN	SAND	SWAMP!!	12	5	48	
7	3E	—			"	"	SILT		14	ND	44	
8	2	—			6	BROWN	BEACH SAND		10	ND	44	
9	1	—			"	"	"		ND	5	36	
570	L60 9N	—			"	GREEN BROWN	SAND		20	10	40	
1	8N	—			"	"	"		22	1	20	
2	7	—			"	"	"		25	10	58	
3	6	—			"	"	"		22	2	46	
4	5	—			"	"	"		15	2	56	
5	4	—			"	"	"		36	8	72	
6	3	—			"	"	"		15	10	50	
7	2	—			"	"	"		8	6	44	
8	1	—			"	"	"		26	10	40	
9	L60 1E	—			"	"	"		4	ND	28	
580	2	—			"	"	"		15	10	56	

BONDAR-CLEGG & COMPANY LTD.

GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR P. BROWNSWORD

AREA FYRE LAKE

DATE 11/6/66

PROJECT _____

LOCATION REF. ASA GROUP

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS		
									Cu	Pb	Zn
581	L60 3E	—			8"	DARK BROWN	SAND		11	10	32
2	4	—			"	BROWN	"		10	2	22
3	5	—			"	"	"		3	2	22
4	6	L			"	"	"	SMALL CREEK	ND	10	22
5	7	"			"	"	"		ND	ND	12
6	8	"			6"	DARK BROWN	"		ND	ND	10
7	9	"			8"	GREY	"		ND	ND	14
8	10	"			"	"	"		ND	ND	22
9	11	"			12"	"	"		ND	ND	20
590	12	"			8"	"	"		33	12	20
1	13	"			8"	DARK BROWN	CLAY DRY			10	
2	14	"			"	"	"		10	10	ND
3	15	"			10"	GREY	SAND NET		8	12	36
4	16	"			"	"	"		8	12	32
495	17	"			"	"	"		ND	ND	ND

BONDAR-CLEGG & COMPANY LTD.

GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR P. BROWNSWORD

AREA FYRE LAKE

DATE 11/6/66

PROJECT _____

LOCATION REF. ASH GROUP

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
									Cu	Pb	Zn	
596	^{L60} 18F	L	BUCKBRUSH		12"	RUST	SAND		3	2	24	
7	19	L			10	"	"		3	2	ND	
8	20	L			14	GREEN GRAY	"		2	"	14	
9	21	L			10	"	"		5	2	26	
600	22	L			"	"	"					

BONDAR-CLEGG & COMPANY LTD.

GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR P. BROWNSWORD

AREA FYRE LAKE

DATE 18/6/66

PROJECT _____

LOCATION REF. ASH GROUP

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
									Cu	Pb	Zn	
601	⁶⁰ 23E	✓	BUCK BRUSH & TREES		18"	GRAY GREEN	SAND		15	10	NO	
2	24	"			10"	TAN	CLAY WET		12	NO	30	
3	25	"			"	BROWN	FROZEN		NO	2	10	
4	26	"			6"	GRAY BROWN	WET SAND		NO	6	18	
5	27	"			8"	"	"		2	7	16	
6	28	"			"	BROWN	SAND		8 NO	10 NO	16 28	
7	29	—			6"	TAN GREY	BEACH SAND		20	6	36	
8	30	—			"	"	"	20' TO SMALL POND	NO	6	20	
9	31	✓			8"	DARK BROWN	CLAY		NO	NO	4	
610	32	"			"	RUST	SAND		15	10	38	
11	33	↓↑			10"	BROWN	COARSE SAND	SMALL STREAM FLOWING N	15	10	32	
12	34	↑↓			"	"	"		30	20	38	
13	35							STREAM SEDIMENT FLOWING N	44	24	64	
14	36					GRAY	"	SEDIMENT FLOWING S. OFF HILL	68	20	80	
615	37					"	"	"	60	24	48	

BONDAR-CLEGG & COMPANY LTD.

GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR P. BROWNSWOP

AREA FYRE LAKE

DATE 13/6/66

PROJECT _____

LOCATION REF. ASH GROUP

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
									Co	Pb	Zn	
616	L60 38E	↓						STREAM SEDIMENT FLOWING S OFF HILL	90	24	100	
617	39	↓			12"	BLACK	FROZEN CLAY		90	10	70	
18	40	"				GREY	SAND	STREAM SEDIMENT FLOWING S	100	16	60	
19	41	"				"	"	"	84	28	90	
620	42	"				"	"	"	288	80	112	
1	43	"				"	"	"	160	84	120	
2	44	"			12"	BROWN	GRAVEL		98	20	80	
3	45	"			14"	"	"		100	80	120	
4	L64 45E	"			10	LIGHT BROWN	SAND		240	24	128	
5	44	"			"	"	"		10	8	30	
6	43	"			"	"	"		5	ND	10	
7	42	↓			"	"	COARSE SAND		30	10	66	✓
8	41	↓			6"	FAN	SAND		30	12	70	
9	40	↓			8"	"	"		ND	5	24	
630	39	"			"	"	"		15	6	30	

BONDAR-CLEGG & COMPANY LTD.

GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR P. BROWNSWORD

 AREA FYRE LAKE

 DATE 13/6/66

PROJECT _____

 LOCATION REF. ASH GROUP

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
									Cu	Pb	Zn	
631	L64 38E	∇			10"	BROWN	SAND		15	6	62	
2	37	"			8	"	CLAY		26	6	46	
3	36	"			"	GREEN BROWN	"		28	8	50	
4	35	←						STREAM SED. FLOWING SW OFF HILL	45	12	160	
5	34							"	2	10	42	
6	33							"	35	10	84	
7	32	∇			10	GREY BROWN	CLAY		1	6	40	
8	31	∇			"	"	"		1	6	36	
9	30	∇			8	GREY	"		1	7	22	
640	29	∇			"	"	"		2	4	36	
1	28	∇			"	"	"		1	5	60	
2	27	∇			12	BROWN	"		7	4	38	
3	26	∇			12	"	"		25	6	52	
4	25	∇			"	"	"		2	5	22	
5	24	∇			"	"	"		45	10	80	

BONDAR-CLEGG & COMPANY LTD.

GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR P. BROWNSWORD

 AREA FYRE LAKE

 DATE 13/6/66

PROJECT _____

 LOCATION REF. ASA GROUP

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
									Co	Pb	Zn	
646	⁶⁴ 23E	↙			12"	BROWN	CLAY		3	10	44	
47	22	↙			11"	"	"		15	10	60	
8	21	"			8"	ROST	"		7	10	56	
9	20	"			11"	"	"		2	5	30	
650	19	"			10"	"	SAND		7	6	42	
1	18	"			8"	BROWN	"		12	10	50	
2	17	"			11"	"	"		8	5	29	
3	16	"			11"	"	"		2	4	22	
4	15	"			11"	"	"		2	6	18	
5	14	"			11"	"	"		4	8	60	
6	13	"			11"	"	"		3	2	32	
7	12	"			11"	"	"		3	ND	28	
8	11	—			11"	"	"		1	4	22	
9	10	↖			11"	"	"		1	8	26	
660	9	↖			11"	"	"		ND	4	29	

R20

BONDAR-CLEGG & COMPANY LTD.

GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR P. BROWNSWORDAREA FYRE LAKEDATE 13/6/66

PROJECT _____

LOCATION REF. ASH GROUP

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
									Co	Pb	Zn		
661	L64 8E	—	BUCK BRUSH		6"	GREY BROWN	SAND		NO	5	24		
2	7	—			14"	"	"		NO	3	22		
3	6	—			6	"	"		NO	8	30		
4	5	—			"	"	"		22	8	50		
5	4	—			"	"	"		15	6	52		
6	3	—			"	"	"		22	10	50		
7	2	—			"	"	"	river's edge	23	6	48		
8	L68 3E	"			6	GREY	SAND		28	10	56		
9	4	"			"	"	"		25	10	30		
670	5	"			"	"	"		15	4	30		
1	6	"			"	"	"		16	8	50		
2	7	"			"	"	"		12	ND	84		
3	8	/			10	"	GRAVEL WET		12	ND	30		
4	9	↓			"	RUST	WET SAND		10	ND	32		
5	10	↓			12	DARK BROWN	"		NO	ND	16		

A20

BONDAR-CLEGG & COMPANY LTD.

GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR P. BROWNSWORDAREA FYRE LAKEDATE 13/6/66

PROJECT _____

LOCATION REF. ASH GROUP

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
									Cu	Pb	Zn	
676	L68 11E	↓			8	CHOC BROWN	CLAY		15	ND	28	
7	12	↓			"	"	"		17	ND	22	
8	13	↓			12	GREY	"		17	8	20	
9	14	"			"	"	"		ND	4	20	
680	15	"			"	"	"		18	ND	20	
1	16	"			10	GREY GREEN	" WET		ND	ND	20	
2	17	"			"	"	CLAY		8	6	20	
3	18	"			"	"	"		8	6	36	
4	19	"			8	"	"		8	7	10	
5	20	"			6	"	"		8	7	10	
6	21	"			10	RUST	SAND		7	7	16	
687	22	"			"	"	"		ND	5	6	

ANALYTICAL WORK SHEET
GEOCHEMICAL

Report Number R-20-66
 From Bob Harvey
 Tested For Cu-Pb-Zn
 Date

Weight of Sample 0.500g.
 Extraction K₂S₂O₇ - Fusion
 Volume Used

Analyst

SAMPLE NUMBER		Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
OURS	YOURS												
4-1	A 400		10		9		32						
4-2	A 401		35		28		90						
4-3	A 402		12		20		60						
4-4	A 403		14		10		36						
4-5	<small>N.B. 0.250 gram</small> A 404		-		3		10						
4-6	A 405		18		22		52						
4-7	A 406		18		9		40						
4-8	A 407		26		25		54						
4-9	A 408		12		23		56						
4-10	A 409		30		22		84						
4-11	A 410		24		32		40						
4-12	A 411	NO SAMPLE SENT THIS SHIPMENT											
4-13	A 412												
4-14	A 413		20		25		89						
4-15	A 414		34		30		86						
4-16	A 415		30		7		44						
4-17	A 416		40		22		80						
4-18	A 417		-		7		50						
4-19	A 418		40		10		80						
4-20	A 419		38		8		84						
4-21	A 420		30		22		60						
4-22	A 421		28		10		64						
4-23	A 422		35		12		120						
4-24	A 423		-		6		24						
4-25	A 424		-		6		28						
4-26	A 425		18		12		56						
4-27	A 426		10		10		24						
4-28	A 427		2		6		10						
4-29	A 428		25		18		60						

**ANALYTICAL WORK SHEET
GEOCHEMICAL**

Report Number R-20-66
 From Bob Harvey
 Tested For Cu - Pb - Zn
 Date

Weight of Sample 0.500g.
 Extraction K₂S₂O₇ - Fusion
 Volume Used
 Analyst

SAMPLE NUMBER		Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
OURS	YOURS												
4-30	A 429		10		10		20						
4-31	A 430	NO SAMPLE SENT THIS SHIPMENT											
4-32	A 431		5		10		20						
4-33	A 432		2		3		16						
4-34	A 433		10		9		48						
4-35	A 434		12		21		40						
4-36	A 435		4		5		10						
4-37	A 436		12		5		48						
4-38	A 437		-		4		30						
4-39	A 438		15		6		48						
4-40	A 439		10		4		40						
4-41	A 440		5		7		28						
4-42	A 441		8		4		24						
4-43	A 442		8		4		20						
4-44	A 443		5		5		28						
4-45	A 444		12		5		60						
4-46	A 445		5		3		40						
4-47	A 446		16		3		28						
4-48	A 447		10		4		32						
4-49	A 448		8		10		52						
4-50	A 449		14		10		52						
4-51	A 450		10		3		36						
4-52	A 451		5		4		30						
4-53	A 452		4		2		24						
(25) 4-54	*A 453		35		3		44						
4-55	A 454		14		4		36						
4-56	A 455		8		4		24						
4-57	A 456		10		3		40						
4-58	A 457	NO SAMPLE											

**ANALYTICAL WORK SHEET
GEOCHEMICAL**

Report Number R-20-66
 From Bob Harvey
 Tested For Cu - Pb - Zn
 Date

Weight of Sample 0.500g.
 Extraction 152507 - Fusion
 Volume Used

Analyst

SAMPLE NUMBER		Cu	PPM	Pb	PPM	Zn	PPM	PPM	PPM	PPM
OURS	YOURS									
4-59	A 458		ORGANIC		(1) STUFF	(4)				
4-60	A 459		12		5	60				
4-61	A 460		ORGANIC		(1) STUFF	(10)				
4-62	A 461		ORGANIC		(2) STUFF	AGAIN ⁽¹²⁾				
⁽²⁵⁾ 4-63	A* 462		9		2	32				
4-64	A 463		ORGANIC							
4-65	A 464		10		1	40				
4-66	A 465		24		3	92				
²⁵¹ 4-67	A* 466		30		4	120				
4-68	A 467		ORGANIC							
²⁵⁹ 4-69	A* 468		-		2	12				
4-70	A 469		20		4	132				
4-71	A 470		36		6	100				
4-72	A 471		20		4	74				
4-73	A 472		14		-	76				
4-74	A 473		-		2	10				
4-75	A 474		10		4	60				
4-76	A 475		30		4	80				
4-77	A 476		12		2	48				
4-78	A 477		20		5	60				
4-79	A 478		10		18	80				
4-80	A 479		20		10	60				
4-81	A 480		24		6	80				
4-82	A 481		18		5	52				
4-83	A 482		20		5	44				
4-84	A 483		8		4	40				
4-85	A 484		14		5	48				
4-86	A 485		10		9	48				
4-87	A 486		12		10	60				

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number R-20-66

Weight of Sample 0.500

From Bob Harvey

Extraction K₂S₂O₇ - Fusion

Tested For Cu - Pb - Zn

Volume Used

Date

Analyst

SAMPLE NUMBER		Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
OURS	YOURS												
4-88	A 487		10		9		24						
4-89	A 488		10		12		52						
4-90	A 489		4		4		24						
4-91	A 490		4		4		24						
4-92	A 491		5		3		20						
4-93	A 492		16		25		40						
4-94	A 493		10		3		16						
4-95	A 494		10		8		24						
4-96	A 495		5		1		20						
4-97	A 496		5		6		36						
4-98	A 497		4		10		20						
4-99	A 498		3		3		24						
4-100	A 499		10		5		44						

**ANALYTICAL WORK SHEET
GEOCHEMICAL**

Report Number R-20-66

Weight of Sample 0.500g

From Bob Harvey

Extraction K₂CO₃ - Fusion

Tested For Cu - Pb - Zn

Volume Used

Date

Analyst

SAMPLE NUMBER		Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
OURS	YOURS												
5-1	A 500		2		6		20						
5-2	1		10		5		20						
5-3	2		2		2		16						
5-4	3		5		6		12						
5-5	4		12		10		20						
5-6	5		10		12		24						
5-7	6		8		12		28						
5-8	7		18		8		68						
5-9	8		10		12		44						
5-10	9		10		12		28						
5-11	A 510		12		12		48						
5-12	1		14		12		40						
5-13	2		5		4		36						
5-14	3		4		3		20						
5-15	4		4		6		24						
5-16	5		20		20		52						
5-17	6		20		12		60						
5-18	7		22		10		50						
5-19	8	NO	SAMPLE	THIS	SHIPMENT								
5-20	9		12		1		40						
5-21	A 520		18		7		44						
5-22	1		38		15		40						
5-23	2		20		15		36						
5-24	3		5		6		20						
5-25	4		6		6		52						
5-26	5		5		12		56						
5-27	6		8		9		44						
5-28	7		12		8		40						
5-29	8		10		6		60						

ANALYTICAL WORK SHEET GEOCHEMICAL

Report Number R-20-66Weight of Sample 0.500gFrom Bob HarveyExtraction K₂S₂O₇ - FusionTested For Cu - Pb - Zn

Volume Used

Date

Analyst

SAMPLE NUMBER		Cu	PPM	Pb	PPM	Zn	PPM	PPM	PPM	PPM
OURS	YOURS									
5-30	A 529		10		18		60			
5-31	A 530		30		14		40			
5-32	1		20		30		16			
5-33	2		22		12		24			
5-34	3		5		6		16			
5-35	4		16		11		24			
5-36	5		18		12		36			
5-37	6		14		6		32			
5-38	7		8		10		44			
5-39	8		4		8		30			
5-40	9		10		6		44			
5-41	A 540		12		6		44			
5-42	1		4		4		40			
5-43	2		10		15		32			
5-44	3	NO SAMPLE SENT THIS SAMPLING								
5-45	4		8		8		32			
5-46	5		12		15		32			
5-47	6		2		7		36			
5-48	7		2		10		32			
5-49	8		4		11		24			
5-50	9		10		10		12			
5-51	A 550		12		10		40			
5-52	1		5		8		44			
5-53	2									
5-54	3		35		6		40			
5-55	4		40		8		28			
5-56	5		12		10		30			
5-57	6		12		11		32			
5-58	7		5		8		30			



ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number R-20-66
 From Bob Harvey
 Tested For Cu - Pb - Zn
 Date

Weight of Sample 0.500g
 Extraction K₂S₂O₇ - Fusion
 Volume Used

Analyst

SAMPLE NUMBER		Cu	PPM	Pb	PPM	Zn	PPM	PPM	PPM	PPM
OURS	YOURS									
5-59	A 558	10		10			36			
5-60	9	10		15			44			
5-61	A 560		5		10		50			
5-62	1		1		-		49			
5-63	2		1		-		20			
5-64	3		4		-		60			
5-65	4		3		10		56			
5-66	5		10		65		56			
5-67	6		12		5		48			
5-68	7		14		-		44			
5-69	8		10		-		44			
5-70	9		-		5		36			
5-71	A 570		20		10		40			
5-72	1		22		1		20			
5-73	2		25		10		58			
5-74	3		22		2		46			
5-75	4		15		2		56			
5-76	5		30		8		72			
5-77	6		15		10		50			
5-78	7		8		6		44			
5-79	8		26		10		40			
5-80	9		4		-		28			
5-81	A 580		15		10		56			
5-82	1		11		10		32			
5-83	2		10		2		22			
5-84	3		3		2		22			
5-85	4		-		10		22			
5-86	5		-		-		12			
5-87	6		-		-		10			



**ANALYTICAL WORK SHEET
GEOCHEMICAL**

Report Number R-20-66
 From Bob Harvey
 Tested For Cu - Pb - Zn
 Date

Weight of Sample 0.500g
 Extraction K₂S₂O₇ - Fusion
 Volume Used

Analyst

SAMPLE NUMBER		Cu	PPM	Pb	PPM	Zn	PPM	PPM	PPM	PPM
OURS	YOURS									
5-88	A 587		-		-		14			
5-89	8		-		-		22			
5-90	9		-		-		20			
5-91	A 590		33		12		20			
5-92	1		-		10		-			
5-93	2		10		10		-			
5-94	3		8		12		30			
5-95	4		8		12		32			
5-96	5		-		-		-			
5-97	6	NO 3 SAMPLE SENT THIS SHIPMENT								
5-98	7		3		2		-			
5-99	8		2		11		14			
5-100	A 599		5		2		26			
5-101	A 510									

ANALYTICAL WORK SHEET
GEOCHEMICAL

Report Number R-20-66
 From Bob Harvey
 Tested For Cu - Pb - Zn
 Date

Weight of Sample 0.500g
 Extraction K₂S₂O₇ - Fusion
 Volume Used

Analyst

SAMPLE NUMBER		Cu	PPM	Pb	PPM	Zn	PPM	PPM	PPM	PPM
OURS	YOURS									
6-1	A 600	NO	SAMPLER	THIS	SHIPMENT					
6-2	1		15		10		-			
6-3	2		12		-		30			
6-4	3		-		2		10			
6-5	4		-		6		18			
6-6	5		2		7		16			
6-7	6		-		-		28			
6-8	7		20		6		36			
6-9	8		-		6		20			
6-10	9		-		-		4			
6-11	A 610		15		10		38			
6-12	1		15		10		32			
6-13	2		30		20		38			
6-14	3		44		24		64			
6-15	4		68		20		80			
6-16	5		60		24		48			
6-17	6		90		24		100			
6-18	7		90		10		70			
6-19	8		100		16		60			
6-20	9		84		28		90			
6-21	A 620		288		80		112			
6-22	1		160		84		120			
6-23	2		98		20		80			
6-24	3		100		80		120			
6-25	4		240		24		128			
6-26	5		10		8		30			
6-27	6		5		-		10			
6-28	7		30		10		66			
6-29	8		30		12		70			

ANALYTICAL WORK SHEET
GEOCHEMICAL

Report Number R-20-66
 From Bob Harvey
 Tested For Cu-Pb-Zn
 Date

Weight of Sample 0.500g
 Extraction K₂S₂O₇ - Fusion
 Volume Used

Analyst

SAMPLE NUMBER		Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
OURS	YOURS												
6-30	A 629		-		5		24						
6-31	A 630		15		6		60						
6-32	1		15		6		62						
6-33	2		26		6		46						
6-34	3		28		8		50						
6-35	4		45		12		160						
6-36	5		2		10		42						
6-37	6		35		10		89						
6-38	7		1		6		40						
6-39	8		1		6		36						
6-40	9		1		7		22						
6-41	A 640		2		4		30						
6-42	1		1		5		60						
6-43	2		7		4		38						
6-44	3		25		6		52						
6-45	4		2		5		22						
6-46	5		45		10		80						
6-47	6		3		10		44						
6-48	7		15		10		60						
6-49	8		7		10		56						
6-50	9		2		5		30						
6-51	A 650		7		6		42						
6-52	1		12		10		50						
6-53	2		8		5		24						
6-54	3		2		4		22						
6-55	4		2		6		18						
6-56	5		4		8		60						
6-57	6		3		2		32						
6-58	7		3		-		28						

ANALYTICAL WORK SHEET
GEOCHEMICAL

 Report Number R-20-66

 Weight of Sample 0.500g

 From Bob Harrey

 Extraction K₂S₂O₇ - Fusion

 Tested For Cu - Pb - Zn

Volume Used

Date

Analyst

SAMPLE NUMBER		Cu	PPM	Pb	PPM	Zn	PPM	PPM	PPM	PPM
OURS	YOURS									
6-59	A 658		1		4		22			
6-60	9		1		8		26			
6-61	A 660		-		4		24			
6-62	1		-		5		24			
6-63	2		-		3		22			
6-64	3		-		8		30			
6-65	4		22		8		50			
6-66	5		15		6		52			
6-67	6		22		10		50			
6-68	7		23		6		48			
6-69	8		28		10		56			
6-70	9		25		10		30			
6-71	A 670		15		4		30			
6-72	1		16		8		50			
6-73	2		12		-		84			
6-74	3		12		-		30			
6-75	4		10		-		32			
6-76	5		-		-		16			
6-77	6		15		-		28			
6-78	7		17		-		22			
6-79	8		17		8		20			
6-80	9		-		4		20			
6-81	NOTE: 0.125g A 680		18		-		20			
6-82	1		-		-		20			
6-83	2		8		6		20			
6-84	3		8		6		36			
6-85	4		7		7		10			
6-86	5		8		8		10			
6-87	6		7		7		16			

ANALYTICAL WORK SHEET
GEOCHEMICAL

Report Number R-20-66

Weight of Sample 0.500g

From Bob Harvey Phil Nisden

Extraction K₂S₂O₇ - Fusion

Tested For Cu-Pb-Zn

Volume Used 1ml Zn 2ml Cu 2ml Pb

Date 19 June 66

Analyst 0

SAMPLE NUMBER		Ca	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
OURS	YOURS												
4-1	A 400	1.0	10	.9	9	1.6	32						
4-2	A 401	3.5	35	2.8	28	4.5	90						
4-3	A 402	1.2	12	2.0	20	3.0	60						
4-4	A 403	1.4	14	1.0	10	1.8	36						
4-5	A 404	ND		.3	3	.5	10						
4-6	A 405	1.8	18	2.2	22	2.6	52						
4-7	A 406	1.8	18	.9	9	2.0	40						
4-8	A 407	2.6	26	2.5	25	2.7	54						
4-9	A 408	1.2	12	2.3	23	2.8	56						
4-10	A 409	3.0	30	2.2	22	4.2	84						
4-11	A 410	2.4	24	3.2	32	2.0	40						
4-12	A 411												
4-13	A 412	1st sample broke											
14	A 413	2.0	20	2.5	25	4.2	84						
15	A 414	3.4	34	3.0	30	4.3	86						
16	A 415	3.0	30	.7	7	2.2	44						
17	A 416	4.0	40	2.2	22	4.0	80						
18	A 417	ND		.7	7	2.5	50						
19	A 418	4.0	40	1.0	10	4.0	80						
20	A 419	3.8	38	1.8	18	4.2	84						
21	A 420	3.0	30	2.2	22	3.0	60						
22	A 421	2.8	28	1.0	10	3.2	64						
23	A 422	3.5	35	1.2	12	6.0	120						
24	A 423	ND		.6	6	1.2	24						
4-25	A 424	ND		.6	6	1.4	28						
26	A 425	1.8	18	1.2	12	2.8	56						
27	A 426	1.0	10	1.0	10	1.2	24						
28	A 427	.2	2	.6	6	.5	10						
29	A 428	2.5	25	1.8	18	3.0	60						

ANALYTICAL WORK SHEET
GEOCHEMICAL

Report Number R-20-66 Weight of Sample 0.500g
 From Bob Harvey Phil Nielsen Extraction K₂S₂O₇ - Fusion
 Tested For Cu - Pb - Zn Volume Used _____
 Date _____ Analyst _____

SAMPLE NUMBER		Cu	PPM	Pb	PPM	Zn	PPM	PPM	PPM	PPM
OURS	YOURS									
4-30	A 439	1.0	10	1.0	10	1.0	20			
31	A 430									
32	A 431	.5	5	1.0	10	1.0	20			
33	A 432	.2	2	.3	3	.8	16			
34	A 433	1.0	10	.9	9	2.4	48			
35	A 434	1.2	12	2.7	27	2.0	40			
36	A 435	.4	4	.5	5	.5	10			
4-37	A 436	1.2	12	.5	5	2.4	48			
38	A 437	N/D		.4	4	1.5	30			
39	A 438	1.5	15	.6	6	2.4	48			
40	A 439	1.0	10	.4	4	2.0	40			
41	A 440	.5	5	.7	7	1.4	28			
42	A 441	.8	8	.4	4	1.2	24			
43	A 442	.8	8	.4	4	1.0	20			
44	A 443	.5	5	.5	5	1.4	28			
45	A 444	1.2	12	.5	5	3.0	60			
46	A 445	.5	5	.3	3	2.0	40			
47	A 446	1.6	16	.3	3	1.4	28			
48	A 447	1.0	10	.4	4	1.6	32			
4-49	A 448	.8	8	1.0	10	2.6	52			
50	A 449	1.4	14	1.0	10	2.6	52			
51	A 450	1.0	10	.3	3	1.8	36			
52	A 451	.5	5	.4	4	1.5	30			
53	A 452	.4	4	.2	2	1.2	24			
54	A 453	3.5	35	.3	3	2.2	44			
55	A 454	1.4	14	.4	4	1.8	36			
56	A 455	.8	8	.4	4	1.2	24			
57	A 456	1.0	10	.3	3	2.0	40			
58	A 457									

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number R-20-66
 From Bob Harvey Phil Nielsen
 Tested For Cu - Pb - Zn
 Date

Weight of Sample 0.500g.
 Extraction 15207 - Fusion
 Volume Used

Analyst

SAMPLE NUMBER		Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
OURS	YOURS												
4-59	A 458	ND		.1	1	.2	4						
60	A 459	1.2	12	.5	5	3.0	60						
4-61	A 460	ND		.1	1	.5	10						
62	A 461	ND		.2	2	.6	12						
63	A 462	.2	2	.1	1	.8	16						
64	A 463	ND		ND		.4	8						
65	A 464	1.0	10	.1	1	2.0	40						
66	A 465	2.4	24	.3	3	4.6	92						
67	A 466	1.5	15	.2	2	3.0	60						
68	A 467												
69	A 468	ND		.1	1	.3	6						
70	A 469	2.0	20	.4	4	6.6	132						
71	A 470	3.6	36	.6	6	5.0	100						
72	A 471	2.0	20	.4	4	3.4	74						
4-73	A 472	1.4	14	ND		3.8	76						
74	A 473	ND		.2	2	.5	10						
75	A 474	1.0	10	.4	4	3.0	60						
76	A 475	3.0	30	.4	4	4.0	80						
77	A 476	1.2	12	.2	2	2.4	48						
78	A 477	2.0	20	.5	5	3.0	60						
79	A 478	1.0	10	1.8	18	4.0	80						
80	A 479	2.0	20	1.0	10	3.0	60						
81	A 480	2.4	24	.6	6	4.0	80						
82	A 481	1.8	18	.5	5	2.6	52						
83	A 482	2.0	20	.5	5	2.2	44						
84	A 483	.8	8	.4	4	2.0	40						
4-85	A 484	1.4	14	.5	5	2.4	48						
86	A 485	1.0	10	.9	9	2.4	48						
87	A 486	1.2	12	1.0	10	3.0	60						

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number R-20-66

Weight of Sample 0.500

From Bob Harvey Phil Nielsen

Extraction K₂S₂O₇ - Fusion

Tested For Cu - Pb - Zn

Volume Used

Date 19 June 66

Analyst

SAMPLE NUMBER		Cu	PPM	Pb	PPM	Zn	PPM	PPM	PPM	PPM
OURS	YOURS									
4-88	A 487	1.0	10	.9	9	2.2	44			
89	A 488	1.0	10	1.2	12	2.6	52			
90	A 489	.4	4	.4	4	1.2	24			
91	A 490	.4	4	.4	4	1.2	24			
92	A 491	.5	5	.3	3	1.0	20			
93	A 492	1.6	16	2.5	25	2.0	40			
94	A 493	1.0	10	.3	3	.8	16			
95	A 494	1.0	10	.8	8	1.2	24			
96	A 495	.5	5	.1	1	1.0	20			
4-97	A 496	.5	5	.6	6	1.8	36			
98	A 497	.4	4	1.0	10	1.0	20			
99	A 498	.3	3	.3	3	1.2	24			
4-100	A 499	1.0	10	.5	5	2.2	44			

ANALYTICAL WORK SHEET
GEOCHEMICAL

Report Number R-20-66 Weight of Sample 0.500g
 From Bob Harvey Phil Nielsen Extraction K₂CO₃ - Fusion
 Tested For Cu - Pb - Zn Volume Used _____
 Date 19 June 66 Analyst _____

SAMPLE NUMBER		Ca	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
OURS	YOURS												
5-1	A 500	.2	2	.6	6	1.0	20						
2	1	1.0	10	.5	5	1.0	20						
3	2	.2	2	.2	2	.8	16						
4	3	.5	5	.6	6	.6	12						
5	4	1.2	12	1.0	10	1.0	20						
6	5	1.0	10	1.2	12	1.2	24						
7	6	.8	8	1.2	12	1.4	28						
118	7	1.8	18	.8	8	3.4	68						
9	8	1.0	10	1.2	12	2.2	44						
10	9	1.0	10	1.2	12	1.4	28						
11	A 510	1.2	12	1.2	12	2.4	48						
12	1	1.4	14	1.2	12	2.0	40						
5-13	2	.5	5	.4	4	1.8	36						
14	3	.4	4	.3	3	1.0	20						
15	4	.4	4	.6	6	1.2	24						
16	5	2.0	20	2.0	20	2.6	52						
17	6	2.0	20	1.2	12	3.0	60						
18	7	2.2	22	1.0	10	2.5	50						
19	8												
20	9	1.2	12	.1	1	2.0	40						
21	A 520	1.8	18	.7	7	2.2	44						
22	1	3.8	38	1.5	15	2.0	40						
23	2	2.0	20	1.5	15	1.8	36						
24	3	.5	5	.6	6	1.0	20						
5-25	4	.6	6	.6	6	2.6	52						
26	5	.5	5	1.2	12	2.8	56						
27	6	.8	8	.9	9	2.2	44						
28	7	1.2	12	.8	8	2.0	40						
29	8	1.0	10	.6	6	3.0	60						

**ANALYTICAL WORK SHEET
GEOCHEMICAL**

Report Number R-20-66
 From Bob Harvey Phil Nielsen
 Tested For Cu-Pb-Zn
 Date 19 June 66

Weight of Sample 0.500g
 Extraction 1:2.5:0.7 - Fusion
 Volume Used _____
 Analyst _____

SAMPLE NUMBER		Ca	PPM	Pb	PPM	Zn	PPM	PPM	PPM	PPM
OURS	YOURS									
5-30	A 529	1.0	10	1.8	18	3.0	60			
31	A 530	3.0	30	1.4	14	2.0	40			
32	1	2.0	20	3.0	30	.8	16			
33	2	2.2	22	1.2	12	1.2	24			
34	3	.5	5	.6	6	.8	16			
35	4	1.6	16	1.1	11	1.2	24			
36	5	1.8	18	1.2	12	1.8	36			
5-37	6	1.4	14	.6	6	1.6	32			
38	7	1.8	8	1.0	10	2.2	44			
39	8	.4	4	.8	8	1.5	30			
40	9	1.0	10	.6	6	2.2	44			
41	A 540	1.2	12	.6	6	2.2	44			
42	1	.4	4	.4	4	2.0	40			
43	2	1.0	10	1.5	15	1.6	32			
44	3	ND		.7	7	.6	12			
45	4	.8	8	.8	8	1.6	32			
46	5	1.2	12	1.5	15	1.6	32			
47	6	.2	2	.7	7	1.8	36			
48	7	.2	2	1.0	10	1.6	32			
5-49	8	.4	4	1.1	11	1.2	24			
50	9	1.0	10	1.0	10	.6	12			
51	A 550	1.2	12	1.0	10	2.0	40			
52	1	.5	5	.8	8	2.2	44			
53	2			.4						
54	3	3.5	35	.6	6	2.0	40			
55	4	4.0	40	.8	8	1.4	28			
56	5	1.2	12	1.0	10	1.5	30			
57	6	1.2	12	1.1	11	1.8	32			
58	7	.5	5	.8	8	1.5	30			

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number R-70-66

Weight of Sample 0.500g

From Bob Harvey Phil Nelson

Extraction K₂S₂O₇ - Fusion

Tested For Cu - Pb - Zn

Volume Used

Date 19 June 66

Analyst

SAMPLE NUMBER		Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
OURS	YOURS												
5-59	A 558	1.0	10	1.0	10	1.8	36						
60	9	1.0	10	1.3	15	2.2	44						
5-61	A 560	.5	5	1.0	10	2.5	50						
62	1	.1	1	ND		2.2	44						
63	2	.1	1	ND		1.0	20						
64	3	.4	4	ND		3.0	60						
65	4	.3	3	1.0	10	2.8	56						
66	5	1.0	10	1.5	65	2.8	56						
67	6	1.2	12	.5	5	2.4	48						
68	7	1.4	14	ND		2.2	44						
69	8	1.0	10	ND		2.2	44						
70	9	ND		.5	5	1.8	36						
71	A 570	2.0	20	1.0	10	2.0	40						
72	1	2.2	22	.1	1	1.0	20						
5-73	2	2.5	25	1.0	10	2.9	58						
74	3	2.2	22	.2	2	2.3	46						
75	4	1.5	15	.2	2	2.8	56						
76	5	3.0	30	.8	8	3.6	72						
77	6	1.5	15	1.0	10	2.5	50						
78	7	.8	8	.6	6	2.2	44						
79	8	2.6	26	1.0	10	2.0	40						
80	9	.4	4	ND		1.4	28						
81	A 580	1.5	15	1.0	10	2.8	56						
82	1	1.1	11	1.0	10	1.6	32						
83	2	1.0	10	.2	2	1.1	22						
84	3	.3	3	1.2	2	1.1	22						
5-85	4	ND		1.0	10	1.1	22						
86	5	ND		ND		.6	12						
87	6	ND		ND		.5	10						

ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number R-20-66

Weight of Sample 0.500g

From Bob Harvey Phil Nelson

Extraction K₂S₂O₇ - Fusion

Tested For Cu - Pb - Zn

Volume Used

Date 19 June 64

Analyst

SAMPLE NUMBER		Cu	PPM	PPM	Zn	PPM	PPM	PPM	PPM
OURS	YOURS								
5-88	A 587	N.D.		ND		.7	14		
89	8	N.D.		ND		1.1	22		
90	9	N.D.		ND		1.0	20		
91	A 590	33	33	1.2	12	1.0	20		
92	1	—		1.0	10	—			
93	2	1.0	10	1.0	10	N.D.			
94	3	.8	8	1.2	12	1.5	30		
95	4	.8	8	1.2	12	1.6	32		
96	5	N.D.		ND		N.D.			
5-97	6	.3	3	.2	2	1.2	24		
98	7	.3	3	.2	2	N.D.			
99	8	.2	2	1.1	11	.7	14		
5-100	A 599	.5	5	.2	2	1.3	26		



ANALYTICAL WORK SHEET
GEOCHEMICAL

4.8
3
144

3.5
3
10.5
20
210.4

6.1
4
240

Report Number R-20-66

From Bob Harvey

Tested For Cu - Pb - Zn

Date

Weight of Sample 0.500g

Extraction K₂S₂O₇ - Fusion

Volume Used

Analyst

SAMPLE NUMBER		Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
OURS	YOURS												
6-1	A 600		No	SAMPLE		ND							
2	1	1.5	15	1.0	10	1.8							
3	2	1.2	12	N/D		1.5	30						
4	3	N.D.		.2	2	.5	10						
5	4	N.D.		.6	6	.9	18						
6	5	.2	2	.7	7	.8	16						
7	6	N.D.		ND		1.4	28						
8	7	2.0	20	.6	6	1.8	36						
9	8	N.D.		.6	6	1.0	20						
10	9	N.D.		N/D		1.2	4						
11	A 610	1.5	15	1.0	10	1.9	38						
12	1	1.5	15	1.0	10	1.6	32						
6-13	2	1.5	15	1.0	10	1.9	38						
14	3	1.2	12	1.0	10	3.2	64						
15	4	1.0	10	1.0	10	4.0	80						
16	5	1.2	12	1.0	10	2.4	48						
17	6	4.5	90	1.2	12	5.0	100						
18	7	4.8	90	1.5	15	3.5	70						
19	8	5.0	100	1.8	18	3.0	60						
20	9	4.2	84	1.4	14	4.5	90						
21	A 620	4.4	88	4.0	80	5.6	112						
22	1	4.0	80	4.2	84	6.0	120						
23	2	9.0	90	1.0	10	4.0	80						
24	3	5.0	100	4.0	80	6.0	120						
6-25	10.54	1.2	12	1.2	12	6.4	128						
26	5	1.0	10	.8	8	1.5	30						
27	6	1.5	15	ND		1.5	10						
28	7	1.5	30	1.0	10	3.3	66						
29	8	1.5	30	1.2	12	3.5	70						

NOTE 1 ml

**ANALYTICAL WORK SHEET
GEOCHEMICAL**

Report Number R-20-66
 From Bob Harvey
 Tested For Cu - Pb - Zn
 Date

Weight of Sample 0.500g
 Extraction K₂S₂O₇ - Fusion
 Volume Used

Analyst

SAMPLE NUMBER		Ca	PPM	Pb	PPM	Zn	PPM	PPM	PPM	PPM	PPM
OURS	YOURS										
6-30	A 639	N.D.		1.5	5	1.9	1.2	24			
31	A 630	1.5	15	1.6	6	3.0	3.0	60			
32	1	1.5	15	0.6	6	1.5	3.1	62			
33	2	2.6	26	1.6	6	1.1	2.3	46			
34	3	2.8	28	1.8	18	1.8	2.5	50			
35	4	4.5	45	1.2	12	2.0	8.0	160			
36	5	1.2	2	1.0	10	4.2	2.1	42			
6-37	6	3.5	35	1.0	10	2.1	4.2	84			
38	7	1	1	1.6	6	2.0	2.0	40			
39	8	1	1	1.6	6	2.3	1.8	36			
40	9	1	1	1.7	7	2.3	1.1	22			
41	A 640	1.2	2	1.4	4	3.1	7.5	30			
42	1	1	1	1.5	5	3.0	3.0	60			
43	2	1.7	7	1.4	4	1.2	1.9	38			
44	3	2.5	25	1.6	6	3.5	2.6	52			
45	4	1.2	2	1.5	5	3.3	1.1	22			
46	5	4.5	45	1.0	10	1.5	4.0	80			
47	6	1.3	3	1.0	10	1.5	2.2	44			
48	7	1.5	15	1.0	10	6.4	3.0	60			
6-49	8	1.7	7	1.0	10	6.4	2.8	56			
50	9	1.2	2	1.5	5	4.7	1.5	30			
51	A 650	1.7	7	1.6	6	6.0	2.1	42			
52	1	1.2	12	1.0	10	5.6	2.5	50			
53	2	1.8	8	1.5	5	4.5	1.2	24			
54	3	2	2	1.4	4	3.0	1.1	22			
55	4	2	2	1.6	6	2.5	1.9	18			
56	5	1.4	4	1.8	8	3.0	3.0	60			
57	6	1.3	3	1.2	2	2.4	1.6	32			
58	7	1.3	3	ND		4.7	1.4	28			

**ANALYTICAL WORK SHEET
GEOCHEMICAL**

Report Number R-20-66

Weight of Sample 0.500g

From Bob Harrey

Extraction K₂S₂O₇ - Fusion

Tested For Cu - Pb - Zn

Volume Used

Date

Analyst

SAMPLE NUMBER		Ca	PPM	Pb	PPM	Zn	PPM	PPM	PPM	PPM	PPM
OURS	YOURS										
6-59	A 658	.1	1	.4	4	3.2	1.1	22			
60	9	.1	1	.8	8	1.9	1.3	26			
6-61	A 660	N.D.		.4	4	1.2	2.4				
62	1	N.D.		.5	5	1.2	2.4				
63	2	N.D.		.3	3	1.1	2.2				
64	3	N.D.		.8	8	1.8	3.0				
65	4	2.2	22	.8	8	2.5	5.0				
66	5	1.5	15	.6	6	2.6	5.2				
67	6	2.2	22	1.0	10	2.5	5.0				
68	7	2.3	23	.6	6	2.4	4.8				
69	8	2.8	28	1.0	10	2.8	5.6				
70	9	2.5	25	1.0	10	1.5	3.0				
71	A 670	1.5	15	.4	4	1.5	3.0				
72	1	1.6	16	.8	8	2.5	5.0				
6-73	2	1.2	12	ND		4.2	8.4				
74	3	1.2	12	ND		1.5	3.0				
75	4	1.0	10	ND		1.6	3.2				
76	5	N.D.		ND		.8	1.6				
77	6	1.5	15	ND		1.4	2.8				
78	7	1.7	17	ND		1.1	2.2				
79	8	1.7	17	.8	8	1.8	2.0				
80	9	N.D.		.4	4	1.0	2.0				
81	A 680	1.8	18	ND		1.0	2.0				
82	1	N.D.		ND		1.0	2.0				
83	2	.8	8	.6	6	1.0	2.0				
84	3	.8	8	.6	6	1.8	3.6				
85	4	.7	7	.7	7	0.5	1.0				
86	5	.8	8	.8	8	0.5	1.0				
87	6	.7	7	.7	7	0.8	1.6				

R-18

BONDAR-CLEGG & COMPANY LTD.

GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR P. BROWNSWORDAREA FYRE LAKEDATE 9/6/66

PROJECT _____

LOCATION REF. ASA GROUP

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
									Cu	Pb	Zn	
A 201	L 24 20 E	—	BUCK BRUSH		6"	BROWN GREEN	SAND		22	ND	40	
2	21B	L	"		"	BROWN	"		8	ND	56	
3	22	L	"		8"	BLACK	"	LARGE ORG	10 ND	ND	32	
4	23	"	"		"	"	"		2	ND	49	
5	24	"	"		"	"	"		70	ND	58	
6	25	E	"		10"	BROWN	"		20	ND	68	
7	26	"	"		"	"	"		15	ND	56	
8	27	"	" TREES		6"	"	"		18	ND	29	
9	28	"	"		10"	"	"		20	1	52	
210	29	"	"		"	"	"	} large outcrop	20	ND	60	
211	30	↓	"		"	"	"	} nearby	10	ND	30	
12	32	↑↓	"		"	BLACK FROZEN CLAY		L BANK OF SMALL STREAM	38	ND	30	
13	33	↑↓	"		"	"	"	R BANK	20	ND	40	
14	34	↑↓	"		"	RUST	SAND		24	ND	64	
15	35	E	"		10"	BROWN BROWN	"		18	ND	80	

BONDAR-CLEGG & COMPANY LTD.

GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR P. BROWNSWORD

 AREA FYRE LAKE

 DATE 9/6/66

PROJECT _____

 LOCATION REF. ASA GROUP

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
									Ca	Pb	Zn	
216	L 24 36E	E	BUCK BRUSH & TREES		12"	BROWN	SAND		14	ND	60	
17	37	"	"		10"	DARK BROWN	"		15	12	80	
18	38	"	"		8"	LIGHT BROWN	"		20	ND	24	
19	39	"	"		12"	"	"		10	ND	20	
20	40	"	"		12"	"	CLAY		5	ND	32	
21	41	"	"		10"	BROWN	"		6	2'	24	
22	42	"	"		12"	"	"		10	ND	30	
23	43	"	"		"	"	"		6	ND	36	
24	44	"	"		"	"	SAND		8	10	46	
25	45	"	"		"	"	"		10	ND	48	
26	46 28 45E	"	"		8"	"	"		10	ND	90	
7	44	"	"		"	"	"		8	ND	140	
8	43	"	"		10"	"	"		8	ND	96	
9	42	"	"		"	"	"		10	ND	90	
30	41	"	"		"	"	"		22	ND	58	

BONDAR-CLEGG & COMPANY LTD.

GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR P. BROWNSWORD

 AREA FYRE LAKE

 DATE 9/6/66

PROJECT _____

 LOCATION REF. ASH GROUP

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
									Cu	Pb	Zn	
23	L28 40 E	E	BUCK BRUSH & TREES		BROWN 12"	BROWN	SAND		20	2	56	
32	39	"	"		"	"	"		10	ND	56	
33	38	E	"		10"	"	"		5	ND	48	
34	37	E	"		"	"	"		16	ND	60	
35	36	"	"		"	GREY	CLAY		5	15	16	
36	35	"	"	"	10"	BROWN	"		12	10	52	
7	34	"	"	"	"	"	"		6	ND	30	
8	33	↕	"	LOAM	6"	BLACK			ND	ND	16	
37	32	↕	"	"	"	"	"					
39	31	↕	"		8"	BROWN	SAND		ND	ND	24	
240	30	—	"		"	"	"		4	ND	50	
41	29	—	"		"	"	"		8	ND	32	
42	28	↖	"		6"	BLUE BLACK	"		12	6	36	
43	27	↖	"		10"	"	"		10	ND	30	
244	26	↙	"		"	GREY	CLAY		6	17	24	

BONDAR-CLEGG & COMPANY LTD.

GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR P. BROWNSWORD

AREA FYRE LAKE

DATE 9/6/66

PROJECT _____

LOCATION REF. ASA GROUP

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
									Cu	Pb	Zn		
247	L28 25E	↙	BUCK BRUSH		10"	GREY	SAND		10	ND	29		
8	24	↙	"		8"	RUST	CLAY		6	3	44		
9	23	↙	"		"	BLACK BROWN	WET CLAY		35	ND	40		
250	22	"	"		1"	LIGHT BROWN	SAND		18	1	64		
1	21	↙	"		"	"	"		12	ND	50		
2	20	—	"		"	BROWN	"	LARGE ORG	25	ND	64		
3	19	—	"		"	GREY	"		10	ND	30		
4	18	↙	"		6"	BROWN	"		20	10	52		
256	17	↙	"		"	"	"		20	ND	40		
5													
7	L32 14E	↙			8"	DARK BROWN	SAND	50' from lake	38	ND	32		
8	15	↙			"	"	"		60	ND	168		
9	16	↙			"	BROWN BLACK	"		10	3	40		
260	17	↙			10"	BLACK	"		6	1	30		
261	18	↙			"	"	"		12	5	20		

PH 2m
 240
 6
 (A255)

BONDAR-CLEGG & COMPANY LTD.

GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR P. BROWNSWORD

 AREA FYRE LAKE

 DATE 9/6/66

PROJECT _____

 LOCATION REF. ASA GROUP

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
									Cu	Pb	Zn	
262	L32 19E ↓	↓	BUCKBRUSH		8"	RUST	SAND		5	1	32	
3	20	"	"		"	"	"		4	20	60	
4	21	"	"		"	GREY BROWN	"		5	10	30	
5	22	"	"		"	"	"		5	3	44	
6	23	"	"		"	"	"		10	5	40	
7	24	—	"		"	BROWN	"		10	4	30	
8	25	—	"		"	"	"		10	ND	80	
9	26	↓	"		10"	"	"		10	6	52	
270	27	↓	"		"	"	"		26	ND	90	
1	28	↓	"		"	"	"		45	18	168	
2	29	"	"		"	GREY	CLAY		3	ND	30	
3	30	"	"		"	"	"		3	1	24	
4	31	* ↓	"		"	"	"		ND	ND	20	
5	32	↑ ↓	"		"	"	"		15	1	12	
276	33	↑	"		12"	BROWN	"		10	15	40	

BONDAR-CLEGG & COMPANY LTD.

GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR P. BRONNSWORD

 AREA FYRE LAKE

 DATE 9/6/66

PROJECT _____

 LOCATION REF. ASA GROUP

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
									Cu	Pb	Zn		
277	4325 35E	✓	BUCKBRUSH & TREES		10"	BROWN	DRY SAND		12	2	52		
278	36	✓	"		"	RUST	"						
9	37	✓	"		8"	GREY	"		3.5	10	56		
280	38	"	"		"	BROWN	"		20	2	20		
81	39	"	"		"	RUST	"		22	28	80		
82	40	"	"		"	"	"		18	ND	80		
3	41	"	"		"	BROWN	"		20	16	58		
4	42	"	"		12"	"	"		42	20	92		
5	43				"	"	"	HIGH ORG	8	ND	16		
6	44				"	"	"						
7	45				"	"	"		100	ND	44		
8	436 45				10"	BROWN	FINE SAND	HIGH ORG	30 5	ND ND	56 24		
9	44				8"	"	"		35	15	24		
290	43				10"	"	"		30	1	60		
291	42				12"	"	"		25	1	58		

BONDAR-CLEGG & COMPANY LTD.

GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR P. BROWNSWORD

AREA FYRE LAKE

DATE 9/6/66

PROJECT _____

LOCATION REF. ASH GROUP

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
									Cu	Pb	Zn	
292	36 41E	↙	BUCKBRUSH TREES		12"	LIGHT BROWN	DAMP SAND		35	3	80	
3	40	↙	"		10"	"	FINE GRAVEL		10	ND	140	
4	39	"	"		"	"	SAND		15	ND	110	
5	38				"	"	"		6	20	36	
6	37				"	RUST			5	15	56	
7	36					"	FINE GRAVEL		10	18	56	
8	35					"	SAND		8	ND	52	
9	34					GREY BROWN	SAND		5	ND	90	
300	33	↓				BLACK		R BANK OF STREAM	All organic No Soil			

BONDAR-CLEGG & COMPANY LTD.

GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR P. BROWNSWORD

 AREA FYRRE LAKE

 DATE 10/6/66

PROJECT _____

 LOCATION REF. ASH GROUP

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
									Cu	Pb	Zn	
301	L40 8F	///	BUCKBRUSH		8"	BLACK	SILT	ISTHMS BETWEEN LAKE & SLOUGH	45	ND	60	
2	9F	6	"		"	BROWN	SAND		22	ND	16	
3	108	"	4		"	"	"		6	ND	28	
4	11 F	∠	"		"	"	"		12	2	28	
5	12	∠			"	"	SILT	SMALL GULLEY	18	ND	20	
6	13	"	"	"	"	BLACK	"		60	1	80	
7	14	—	"	"	"	"	"	SLIGHT BENCH	8	8	32	
8	15	"	"		4	BROWN	FINE GRAEL		5	2	30	
9	16	"	"		"	"	"		4	4	20	
3 10	17	6			"	LIGHT BROWN	SILT	MAYBE ASH	19 10	ND 8	12 3	
11	18	"			10	DARK BROWN	SAND		15	1	44	
12	19	"			10	"	"		10	5	84	
13	20	↑			6"	LIGHT BROWN	"		6	5	34	
14	21	↑			8"	BLACK	SILT	SMALL CREEK 20'	10	ND	44	
3 15	22	↑			"	"	"		15	1	52	

BONDAR-CLEGG & COMPANY LTD.

GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR P. BROWNSWORD

 AREA FYRE LAKE

 DATE 10/6/66

PROJECT _____

 LOCATION REF. ASH GROUP

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS		
									Cu	Pb	Zn
316	L40 23E	↓	BUCK BRUSH & TREES		8"	RUST	COARSE SAND		20	11	60
17	24	—			11"	GREY GREEN	CLAY		3	ND	20
18	25	↙	11		11"	BROWN	SAND		10	3	32
19	26	↓			10"	GREY	SAND		10	12	30
320	27	↓			11"	"	"		12	10	49
21	28	"			11"	"	"		12	12	40
22	29	"			11"	"	"		2	1	16
23	30	—			11"	"	"		2	1	20
24	31	—			8"	BROWN GREY	CLAY		4	ND	20
25	32	—			11"	BROWN	"		12 3	2 3	36 3
26	33	↓ ↑			11"	"	"		20	ND	12
7	34	—				LIGHT BROWN	SAND WET	CREEK BED	20	3	120
8	35	—			6"	BROWN	SAND DRY		20	1	48
9	36	↓			8"	11	"		20	11	52
330	37	↓			11"	"	"		5	10	32

BONDAR-CLEGG & COMPANY LTD.

GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR P. BROWNSWORD

 AREA FYRE LAKE

 DATE 10/6/66

PROJECT _____

 LOCATION REF. ASH GROUP

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
									Cu	Pb	Zn	
331	L40 38E	E			12"	GREEN BROWN	SAND		25	15	52	
2	39	E			"	BROWN	"		10	1	32	
3	40	"			"	"	"		8	12	54	
4	41	"			"	"	"		8	12	80	
5	42	"			10"	DARK BROWN	WET SAND		10	15	42 60	
6	43	"			"	"	SAND		10	20	60	
7	44	"			"	GREEN BROWN	"		14	10	64	
8	45	"			"	"	"		10	8	60	
340	L36 32E	—				GREY	CLAY		3	1	30	
1	31E	↑ ↓				"	"	CREEKS ON EITHER SIDE	10	10	60	
2	30E	↑			6"	BROWN	SAND		4	1	24	
3	29E	↑ ↓			8"	GREEN BROWN	CLAY		10	ND	30	
4	28	—			"	LIGHT BROWN	WET COURSE SAND		2	ND	ND	
5	27	—			"	"	SAND		ND	ND	28	
346	26	—			"	"	"		4	10	36	

(A339
 Cu Pb Zn
 20 18 84)

BONDAR-CLEGG & COMPANY LTD.

GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR P. BROWNSWORD

 AREA FYRE LAKE

 DATE 10/6/66

PROJECT _____

 LOCATION REF. ASH GROUP

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
									Cu	Pb	Zn	
347	L36 25E L	L			8"	GREEN BROWN	LAND		3	1	20	
8	4	"			"	BROWN	SAND		40	22	80	
9	3	"			6"	"	"		20	15	44	
50	2	"			10"	"	"		10 5	6 4	40 40	
1	1	"			"	GREY	"					
2	20	"			8	BROWN	"		12	ND	60	
3	19	—			"	GREY BLACK	SILT		10	ND	20	
4	18	L			10"	BLACK	SAND		12	1	32	
5	17	E			"	BROWN	"		20	1	48	
6	16	R			"	"	"		6	ND	32	
no sample	15	↑ ↓						TOP OF ROCK PILE				
no sample	14	E										
357	13	—			8"	RUST	SAND		5	ND	32	
8	12	—			"	LIGHT BROWN	SILT	WADI	48	ND	60	
359	11				6"	BROWN	SAND		10	8	36	

BONDAR-CLEGG & COMPANY LTD.

GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR P. BROWNSWORD

 AREA FYRE LAKE

 DATE 10/6/66

PROJECT _____

 LOCATION REF. ASH GROUP

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
									Cu	Pb	Zn	
360	L36 11E	L	BUCK BRUSH		10"	BROWN	SAND		14	2	50	
1	10	L			"	"	"		12	2	12	
2	9	L			6"	REP BROWN	SILT		20	5	60	
3	8	—			6"	BROWN BLACK	"		80	1	36	
4	7	—			"	"	"	WADI	10	1	16	
5	6	—			"	"	"		10	ND	30	
6	5	—			8"	LIGHT BROWN	BEACH SAND		6	2	56	
7	4	u			6"	"	WET	40' TO WATER	24	15	70	
8	L44 1E	u			4"		BEACH GRAVEL	40' TO WATER	32	2	60	
9	2E	—			6"	RUST	SAND		10	10	56	
370	3	—			"	"	"		8	ND	40	
1	4	—			6"	TAN	SILT		5	1	20	
2	5	—			"	"	"		5	ND	28	
3	6	—			"	"	"		4	10	32	
374	7	—			4"	RED BROWN	SILT	WADI	8	ND	10	

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BONDAR-CLEGG & COMPANY LTD.

GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR P. BROWNSWORDAREA FYRE LAKEDATE 10/6/66

PROJECT _____

LOCATION REF. ASH GROUP

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
									Cu	Pb	Zn	
375	44 8E	L			8"	TAN	SILT		2	1	30	
6	9	L			8"	GREY	CLAY		3	10	20	
7	10E	↓			6"	BROWN	SAND		10	6	30	
8	11	↓			8"	"	"		18	15	20	
9	12	↓			10"	"	"		5	ND	10	
380	13	↕			6"	"	"		4	6	32	
81	14	↕			8"	GREY BROWN	CLAY		ND	5	20	
2	15	↕			6"	BLACK	SILT	BANK OF SMALL STREAM	ND	5	80	
3	16	E			"	"	NET	} OUTCROP	35	ND	40	
4	17	E			8"	RUST	SAND			22	ND	56
85	18	E			8"	"	"	"	5	2	10	
6	19	E			"	"	"		10	8	56	
7	20	E			"	BROWN	"		6	21	48	
8	21	"			10"	GREEN BROWN	CLAY		12	11	40	
389	22	"			"	GREY	CLAY NET		4	1	20	
390	23	"			"	"	"		8	2	24	

**ANALYTICAL WORK SHEET
GEOCHEMICAL**

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R-18-66
 Report Number Allyon Weight of Sample 0.500 g.
 From Bob Harvey, Nielsen Extraction Hot HCl - HNO₃
 Tested For Cu - Pb - Zn Volume Used 2 ml for Cu and Pb 1 ml Zn.
 Date June 13 Analyst [Signature]

SAMPLE NUMBER		Cu	PPM	Pb	PPM	Zn	PPM	PPM	PPM	PPM
OURS	YOURS									
1	A 204		2		ND		44			
2	A 212		38		ND		30			
3	A 252		25		ND		64			
4	A 209		20		1		52			
5	A 233		5		ND		48			
6	A 219		10		ND		20			
7	A 210		20		ND		60			
8	A 247		10		ND		24			
9	A 294		15		NO		110			
10	A 205		70		NO		58			
11	A 229		10		NO		90			
12	A 226		10		NO		90			
13	A 236		12		10		52			
14	A 224		8		10		40			
15	A 220		5		NO		32			
16	A 249		35		NO		40			
17	A 215		18		NO		80			
18	A 214		24		NO		64			
19	A 211		10		NO		30			
20	A 202		8		NO		56			
21	A 251		12		NO		50			
22	A 240		4		NO		50			
23	A 234		16		NO		60			
24	A 241		8		NO		32			
25	A 237		6		NO		30			
26	A 231		20		3		56			
27	A 222		10		NO		30			
28	A 300	A wk		ORGANIC				- NO	SOIL	
29	A 238		NO		NO		16			

**ANALYTICAL WORK SHEET
GEOCHEMICAL**

Report Number R-18-66
 From Bob Harvey
 Tested For Cu-Pb-Zn
 Date June 13

Weight of Sample 0.500g
 Extraction Fusion by K₂S₂O₇ ✓
 Hot HCl - HNO₃

Volume Used _____
 Analyst _____

N.B. #30 - 0.125g SAMPLE

SAMPLE NUMBER		Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
OURS	YOURS												
30	(A213)		20		ND		40						
31	A14		8		ND		40						
32	A218		20		ND		24						
33	A243		10		ND		30						
34	A207		15		ND		56						
35	A216		14		ND		60						
36	A230		22		ND		58						
37	A221		6		2		24						
38	A223		6		ND		36						
39	A207 1		22		ND		40						
40	A235		5		15		16						
41	A239		ND		ND		24						
42	A203		10		ND		32						
43	A217		15		12		80						
44	A228		8		ND		96						
45	A253		10		ND		30						
46	A250		18		1		64						
47	A206		20		ND		68						
48	A232		10		ND		56						
49	A315		15		1		52						
50	A359		10		8		36						
51	A357		5		ND		22						
52	A355		20		1		48						
53	A350		5		4		40						
54	A343		10		ND		30						
55	A256		20		ND		40						
56	A293		10		ND		140						
57	A274		ND		ND		20						
58	A265		5		3		44						



ANALYTICAL WORK SHEET
GEOCHEMICAL

Report Number R-18-66

Weight of Sample 0.500g

From Bob Harvey

Extraction Fusion by $K_2S_2O_7$
~~Hot HCl~~ - HNO_3

Tested For Pb-Zn-Cu

Volume Used

Date June 14/66

Analyst

SAMPLE NUMBER		Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
OURS	YOURS												
59	A 340		3		1		30						
60	A 277		12		2		52						
61	A 334		8		12		80						
62	A 314		10		ND		44						
63	A 270		26		ND		90						
64	A 360		14		2		50						
65	A 296		5		15		56						
66	A 341		10		10		60						
67	A 321		12		12		40						
68	A 304		12		2		28						
69	A 366		6		2		56						
70	A 370		8		ND		40						
71	A 362		20		5		60						
72	A 292		35		3		80						
73	A 320		12		10		44						
74	A 282		18		ND		80						
75	A 244		6		17		24						
76	A 368		32		2		60						
77	A 267		10		4		30						
78	A 309		4		4		20						
79	A 342		4		1		24						
80	A 273		3		1		24						
81	A 279		35		10		56						
82	A 369		10		10		56						
83	A 262		5		1		32						
84	A 384		22		ND		56						
85	A 328		20		1		48						
86	A 303		6		ND		28						
87	A 313		6		5		34						



ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number R-18-66Weight of Sample 0.500 gFrom Bob HarveyExtraction Fusion by K₂S₂O₇
Hot HCl - HNO₃Tested For Pb - Zn - Cu

Volume Used

Date June 14/66

Analyst

SAMPLE NUMBER		Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
OURS	YOURS												
88	A 308		5		2		30						
89	A 259		10		3		40						
90	A 275		15		1		12						
91	A 266		10		5		40						
92	A 352		12		ND		60						
93	A 297		10		18		56						
94	A 323		2		1		20						
95	A 312		10		5		44						
96	A 346		4		10		36						
97	A 371		5		1		20						
98	A 325		12		2		36						
99	A 333		8		12		54						
100	A 356		6		ND		32						
101	A 349		20		15		44						
102	A 337		14		10		64						
103	A 378		18		15		20						
104	A 278		38		25		80						
105	A 377		10		6		30						
106	A 376		3		10		20						
107	A 389		4		1		20						
108	A 281		22		28		80						
109	A 347		3		1		20						
110	A 354		12		1		32						
111	A 316		20		11		60						
112	A 322		2		1		16						
113	A 335		10		15		12						
114	A 305		18		ND		20						
115	A 385		5		2		10						
116	A 386		10		8		56						



**ANALYTICAL WORK SHEET
GEOCHEMICAL**

Report Number R-18-66

Weight of Sample 0.5009

From Bob Harvey

Extraction Fusion by K₂S₂O₇

Tested For Pb - Zn - Cu

Volume Used

Date June 14/66

Analyst

SAMPLE NUMBER		Cu	PPM	Pb	PPM	Zn	PPM	PPM	PPM	PPM
OURS	YOURS									
117	A 327		20		3		120			
118	A 318		10		3		32			
119	A 329		20		11		52			
120	A 381		ND		5		20			
121	A 353		10		ND		20			
122	A 302		22		ND		16			
123	A 317		3		ND		20			
124	A 326		20		ND		12			
125	A 344		2		1		ND			
126	A 272		3		ND		30			
127	A 263		4		20		60			
128	A 264		5		10		30			
129	A 348		40		22		80			
130	A 338		10		8		60			
131	A 307		8		8		32			
132	A 290		30		1		60			
133	A 280		20		2		20			
134	A 364		10		1		16			
135	A 257		38		ND		32			
136	A 319		10		12		30			
137	A 271		45		18		168			
138	A 367		24		15		70			
139	A 379		5		ND		10			
140	A 336		10		20		60			
141	A 284		42		20		92			
142	A 283		20		16		58			
143	A 291		25		1		58			
144	A 295		6		20		36			
145	A 345		ND		ND		28			



**ANALYTICAL WORK SHEET
GEOCHEMICAL**

Report Number R-18-66

Weight of Sample 0.500g.

From Bob Harvey

Extraction Fusion by $K_2S_2O_7$

Tested For Cu - Pb - Zn

Volume Used

Date June 14/66

Analyst

SAMPLE NUMBER		Cu	PPM	Pb	PPM	Zn	PPM	PPM	PPM	PPM
OURS	YOURS									
146	A 269		10		6		52			
147	A 324		4		ND		20			
148	A 387		6		21		48			
149	A 331		25		10		52			
150	A 248		6		3		44			
151	A 286		5		ND		24			
152	A 258		60		ND		168			
153	A 287		100		ND		44			
154	A 310		14		ND		12			
155	A 372		5		ND		28			
156	A 339		20		18		84			
157	A 306		60		1		80			
158	A 311		15		1		44			
159	A 350		10		6		40			
160	A 268		10		ND		60			
161	A 388		12		11		40			
162	A 382		ND		5		80			
163	A 276		10		15		40			
164	A 374		8		ND		10			
165	A 261		12		5		20			
166	A 260		6		1		30			
167	A 390		8		2		24			
168	A 332		10		1		32			
169	A 375		2		1		30			
170	A 363		80		1		36			
171	A 330		5		10		32			
172	A 380		4		6		32			
173	A 373		4		10		32			
174	A 289.		35		15		24.			

**ANALYTICAL WORK SHEET
GEOCHEMICAL**

Report Number R-18-66

Weight of Sample 0.500 g.

From Bob Harvey

Extraction Fusion by K₂S₂O₇

Tested For Pb-Zn-Cu

Volume Used

Date June 14/66

Analyst

SAMPLE NUMBER		Cu.	PPM	Pb.	PPM	Zn.	PPM	PPM	PPM	PPM	PPM
OURS	YOURS										
175	A 288		30		NO		56				
176	A 358		48		NO		60				
177	A 365		10		ND		30				
178	A 208		18		ND		24				
179	A 298		8		NO		52				
180	A 242		12		6		36				
181	A 246		10		ND		40				
182	A 225		10		NO		48				
183	A 227		8		ND		140				
184	A 255		6		2		40				
185	A 299		5		ND		40				
186	A 301		45		NO		60				
187	A 361		12		2		12				
188	^{NOTE} (0.250g) A 285		8		ND		16				
189	A 383		35		ND		40				

ANALYTICAL WORK SHEET
GEOCHEMICAL

Report Number R-18-66
 From Phil Nissen
 Tested For Cu - Pb - Zn
 Date June 13

Weight of Sample 0.500g.
 Extraction Fusion K2S2O7 HCl HNO3
 Volume Used 2ml Cu 1ml Zn 2ml Pb
 Analyst _____

SAMPLE NUMBER		Cu	PPM	Pb	PPM	Zn	PPM	PPM	PPM	PPM	PPM
OURS	YOURS										
1	A 204	.2	2	N.D.	N.D.	2.2	44				
2	A 212	3.8	38	N.D.	N.D.	1.5	30				
3	A 252	2.5	25	N.D.	N.D.	3.2	32	64			
4	A 209	2.0	20	.1	/	2.6	26	52			
5	A 233	.5	5	N.D.	N.D.	2.4	48				
6	A 219	1.0	10	N.D.	N.D.	1.0	20				
7	A 210	2.0	20	N.D.	N.D.	3.0	60				
8	A 247	1.0	10	N.D.	N.D.	1.2	24				
9	A 244	1.5	15	N.D.	N.D.	5.5	110				
10	A 205	7.0	70	N.D.	N.D.	2.9	58				
11	A 229	1.0	10	N.D.	N.D.	4.5	90				
12	A 226	1.0	10	N.D.	N.D.	4.5	90				
13	A 236	1.2	12	0.1	10	2.6	52				
14	A 224	.8	8	0.1	10	2.0	40				
15	A 220	.5	5	N.D.	N.D.	1.6	32				
16	A 249	3.5	35	N.D.	N.D.	2.0	40				
17	A 215	1.8	18	N.D.	N.D.	4.0	80				
18	A 214	2.4	24	N.D.	N.D.	3.2	64				
19	A 211	1.0	10	N.D.	N.D.	1.5	30				
20	A 202	1.8	8	N.D.	N.D.	2.8	56				
21	A 251	1.2	12	N.D.	N.D.	2.5	50				
22	A 240	.4	4	N.D.	N.D.	2.5	50				
23	A 234	1.6	16	N.D.	N.D.	3.0	60				
24	A 241	.8	8	N.D.	N.D.	1.6	32				
25	A 237	.6	6	N.D.	N.D.	1.5	30				
26	A 231	2.0	20	.15	2	2.8	56				
27	A 222	1.0	10	N.D.	N.D.	1.5	30				
28	A 300	A LK	ORGANIC	-	NO	SOIL					
29	A 238	ND	ND	ND	N.D.	.8	16				

**ANALYTICAL WORK SHEET
GEOCHEMICAL**

Report Number R-15-66
 From Bob Harvey
 Tested For Cu-Pb-Zn
 Date July 13

Weight of Sample 0.500g
 Extraction Fusion by K₂S₂O₇ ✓
~~HF HNO₃ HAc~~
 Volume Used _____
 Analyst _____

N.B. #30 - 0.125g SAMPLE

SAMPLE NUMBER		Cu	PPM	Pb	PPM	Zn	PPM	PPM	PPM	PPM
OURS	YOURS									
30	<u>A213</u>	.5	20	N.D.	N.D.	0.5	40			
31	A14	.8	8	N.D.	N.D.	2.0	40	— Check out!		
32	A218	2.0	20	N.D.	N.D.	1.2	24			
33	A243	1.0	10	N.D.	N.D.	1.5	30			
34	A207	1.5	15	N.D.	N.D.	2.8	56			
35	A216	1.4	14	N.D.	N.D.	3.0	60			
36	A230	2.2	22	N.D.	N.D.	3.9	58			
37	A221	.6	6	.15	2	1.2	24			
38	A223	.6	6	N.D.	N.D.	1.8	36			
39	A208	2.2	22	N.D.	N.D.	2.0	40			
40	A235	.5	5	1.5	15	.8	16			
41	A239	ND	ND	.1	N.D.	1.2	24			
42	A203	1.0	10	N.D.	N.D.	1.6	32			
43	A217	1.5	15	1.2	12	4.0	80			
44	A228	.8	8	N.D.	N.D.	4.8	96			
45	A253	1.0	10	N.D.	N.D.	1.5	30			
46	A250	1.8	18	.1	7	3.2	64			
47	A206	2.0	20	N.D.	N.D.	3.4	68			
48	A232	1.0	10	N.D.	N.D.	2.8	56			
49	A315	1.5	15	.1	7	2.6	52			
50	A359	1.0	10	.8	8	1.8	36			
51	A357	.5	5	N.D.	N.D.	1.1	22			
52	A255	2.0	20	.4	1	2.4	48			
53	A250	.5	5	.4	4	2.0	40	— Check 159		
54	A243	1.0	10	N.D.	N.D.	1.5	30			
55	A256	2.0	20	N.D.	N.D.	2.0	40			
56	A293	1.0	10	N.D.	N.D.	7.0	140			
57	A274	ND	ND	N.D.	N.D.	1.0	20			
58	A265	.5	5	.3	3	2.2	44			

**ANALYTICAL WORK SHEET
GEOCHEMICAL**

Report Number R-15-66

Weight of Sample 0.500g

From P.B. Harvey

Extraction Fusion by R25207
HOT HCl - HNO₃

Tested For Pb-Zn-Cu

Volume Used

Date June 14/66

Analyst

SAMPLE NUMBER		Ca	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
OURS	YOURS												
59	A 340	.3	3	.10	1	1.5	30						
60	A 277	1.2	12	.15	2	2.6	52						
61	A 334	.8	8	1.2	12	4.0	80						
62	A 314	1.0	10	ND	ND	2.2	44						
63	A 270	2.6	26	ND	ND	4.5	90						
64	A 360	1.4	14	12	2	2.5	50						
65	A 296	.5	5	1.5	7.5	2.8	56						
66	A 241	1.0	10	1.0	10	3.0	60						
67	A 221	1.2	12	1.2	12	2.0	40						
68	A 304	1.2	12	1.2	2	1.4	28						
69	A 266	.6	6	1.1	2	2.4	56						
70	A 270	.8	8	ND	ND	2.0	40						
71	A 262	2.0	20	1.5	5	3.0	60						
72	A 292	3.5	35	.3	3	4.0	80						
73	A 320	1.2	12	1	10	2.2	44						
74	A 272	1.8	18	ND	ND	4.0	80						
75	A 244	.6	6	1.7	17	1.2	24						
76	A 268	3.2	32	.2	2	3.0	60						
77	A 267	1.0	10	.4	4	1.5	30						
78	A 209	.4	4	.4	4	1.0	20						
79	A 242	.4	4	.1	1	1.2	24						
80	A 273	.3	3	✓	1	1.2	24						
81	A 271	3.5	35	1.0	10	2.8	56						
82	A 269	1.0	10	10	10	2.8	56						
83	A 202	.5	5	.1	1	1.6	32						
84	A 234	2.2	22	ND	ND	2.8	56						
85	A 213	2.0	20	1	1	2.4	48						
86	A 303	.6	6	ND	ND	1.4	28						
87	A 313	.6	6	.5	5	1.7	34						



**ANALYTICAL WORK SHEET
GEOCHEMICAL**

Report Number R-18-66

Weight of Sample 0.500 g

From Bob Harvey

Extraction Fusion by K₂S₂O₇
HCl HCl - HNO₃

Tested For Pb - Zn - Cu

Volume Used

Date June 14/66

Analyst

SAMPLE NUMBER		Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
OURS	YOURS												
88	A 308	.5	5	.2	2	1.5	30						
89	A 259	1.0	10	.3	3	2.0	40						
90	A 275	1.5	15	1	1	.6	12						
91	A 266	1.0	10	.5	5	2.0	40						
92	A 252	1.2	12	N.D.	N.D.	3.0	60						
93	A 277	1.0	10	1.8	18	2.8	56						
94	A 323	.2	2	.1	1	1.0	20						
95	A 312	1.0	10	.5	5	2.2	44						
96	A 346	.4	4	1.0	10	1.8	36						
97	A 371	.5	5	.1	1	1.0	20						
98	A 225	1.2	12	.2	2	1.8	36						
99	A 333	.8	8	1.2	12	2.7	54						
100	A 356	.6	6	N.D.	N.D.	1.6	32						
101	A 349	2.0	20	1.5	15	2.2	44						
102	A 337	1.4	14	1.0	10	3.2	64						
103	A 378	1.8	18	1.5	15	1.0	20						
104	A 278	3.8	38	2.5	25	4.0	80						
105	A 377	1.0	10	.6	6	1.5	30						
106	A 376	.3	3	1.0	10	1.0	20						
107	A 389	.4	4	.1	1	1.0	20						
108	A 281	2.2	22	2.8	28	4.0	80						
109	A 347	.3	3	.1	1	1.0	20						
110	A 354	1.2	12	N.D.	N.D.	1.6	32						
111	A 316	2.0	20	1.1	11	3.0	60						
112	A 322	.2	2	1	1	.8	16						
113	A 335	1.0	10	1.5	15	3.0	60						
114	A 305	1.8	18	N.D.	N.D.	1.0	20						← changed from 12
115	A 385	.5	5	.2	2	.5	10						
116	A 386	1.0	10	1.8	18	2.8	56						

ANALYTICAL WORK SHEET GEOCHEMICAL

Report Number..... R-18-66Weight of Sample..... 0.500 gFrom..... Bob HarveyExtraction..... Fusion by K₂S₂O₇Tested For..... Pb - Zn - Cu

Volume Used.....

Date..... June 14/66

Analyst.....

SAMPLE NUMBER		Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
OURS	YOURS												
118	A 327	2.0	20	1.3	3	5.0	120						
118	A 318	1.0	10	1.3	3	1.6	32						
119	A 329	2.0	20	1.1	11	2.6	52						
120	A 381	ND	ND	1.5	5	1.0	20						
121	A 353	1.0	10	N.D.	ND	1.0	20						
122	A 302	2.2	22	N.D.	ND	.8	16						
123	A 317	.3	3	N.D.	ND	1.0	20						
124	A 326	2.0	20	N.D.	ND	.6	12						
125	A 344	.2	2	1	ND	ND	ND						— Check
126	A 272	.3	3	ND	ND	1.5	30						
127	A 263	1.4	4	2	20	3.0	60						
128	A 264	.5	5	1	10	1.5	30						
129	A 348	4.0	40	2.2	22	4.0	80						
130	A 338	1.0	10	.8	8	3.0	60						
131	A 307	.8	8	.8	8	1.6	32						
132	A 290	3.0	30	1.1	11	3.0	60						
133	A 280	2.0	20	.2	2	1.0	20						
134	A 364	1.0	10	.1	1	.8	16						
135	A 257	3.8	38	N.D.	ND	1.6	32						
136	A 319	1.0	10	1.2	12	1.5	30						
137	A 271	4.5	45	1.8	18	8.4	168						
138	A 367	2.4	24	1.5	15	3.5	70						
139	A 379	.5	5	ND	ND	.5	10						
140	A 336	1.0	10	2.0	20	3.0	60						
141	A 284	4.2	42	2.0	20	4.6	92						
142	A 283	2.0	20	1.6	16	2.9	58						
143	A 291	2.5	25	1.1	11	2.9	58						
144	A 295	.6	6	2.0	20	1.8	36						
145	A 345	ND	ND	ND	ND	1.4	28						

**ANALYTICAL WORK SHEET
GEOCHEMICAL**

Report Number..... R-18-66

Weight of Sample..... 0.500 g

From..... Bob Harvey

Extraction..... Fusion by K2S2O7

Tested For..... Pb - Zn - Cu

Volume Used.....

Date..... June 19/66

Analyst.....

SAMPLE NUMBER		Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM	
OURS	YOURS													
146	A 269	1.0	10	.6	6	2.6	52							
147	A 324	.4	4	N.D.	N.D.	1.0	20							
148	A 387	.6	6	2.1	21	2.4	48							
149	A 331	2.5	25	.1	10	2.6	52	- changed from 2.6						
150	A 248	.6	6	.3	3	2.2	44							
151	A 286	.5	5	N.D.	N.D.	1.2	24							
152	A 258	6.0	60	N.D.	N.D.	8.4	168							
153	A 287	10.0	100	N.D.	N.D.	2.2	44							
154	A 310	1.4	14	N.D.	N.D.	.6	12							
155	A 372	.5	5	N.D.	N.D.	1.4	28							
156	A 339	2.0	20	1.8	18	4.2	84							
157	A 306	6.0	60	.1	1	4.0	80							
158	A 311	1.5	15	.1	1	2.2	44							
159	A 350	1.0	10	.6	6	2.0	40	check 52						
160	A 268	1.0	10	N.D.	N.D.	3.0	60							
161	A 388	1.2	12	1.1	11	2.0	40							
162	A 382	N.D.	N.D.	.5	5	4.0	80							
163	A 276	1.0	10	1.5	15	2.0	40							
164	A 374	.8	8	N.D.	N.D.	.5	10							
165	A 261	1.2	12	.5	5	1.0	20							
166	A 260	.6	6	.1	1	1.5	30							
167	A 390	.8	8	.2	2	1.2	24							
168	A 332	1.0	10	.1	1	1.6	32							
169	A 375	.2	2	.1	1	1.5	30							
170	A 363	8.0	80	.1	1	1.8	36							
171	A 330	.5	5	1.0	10	1.6	32							
172	A 380	.4	4	.6	6	1.6	32							
173	A 373	.4	4	1.0	10	1.6	32							
174	A 289	3.5	35	1.5	15	1.2	24							

ANALYTICAL WORK SHEET
GEOCHEMICAL

Report Number..... R-18-66

Weight of Sample..... 0.500 g.

From..... Bob Harvey

Extraction..... Fusion 1/2-5/57

Tested For..... Pb-Zn-Cu

Volume Used.....

Date..... June 14/66

Analyst.....

SAMPLE NUMBER		Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
OURS	YOURS												
175	A 288	3.0	30	ND	ND	2.8	56	-	check				
176	A 358	4.8	48	ND	ND	3.0	60						
177	A 365	1.8	18	ND	ND	3.0	30						
178	A 208	1.8	18	ND	ND	1.2	24						
179	A 298	.8	8	ND	ND	2.6	52						
180	A 242	1.2	12	.6	6	1.8	36						
181	A 246	1.0	10	ND	ND	2.0	40						
182	A 225	1.0	10	ND	ND	2.4	48						
183	A 227	.8	8	ND	ND	7.0	140						
184	A 255	.6	6	.2	2	2.0	40						
185	A 299	.5	5	ND	ND	2.0	40						
186	A 301	4.5	45	ND	ND	3.0	60						
187	A 361	1.2	12	.2	2	.6	12						
188	A 285	.8	8	ND	ND	.8	16						
189	A 383	3.5	35	ND	ND	2.0	40						

R-16

BONDAR-CLEGG & COMPANY LTD.

GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR Nat Brownwood (A)AREA FYRE LAKE.DATE JUNE 5/66.PROJECT ASH GP.LOCATION REF. ASH GROUP

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS		
									Cu	Pb	Zn
A 1	BL 91	↓	SIDEHILL MIXED PINE & BUCK BRUSH		10"	RUST	COARSE SAND	Cl. Pools #2 ASH 23429 200' W of B.L 592.	56		46
2	BL 90	↓	"		8"	BROWN	CLAY	VERY ROCKY BUT NO OUTCROP	6		65
3	89	↓	BUCK BRUSH SIDEHILL	POORLY DRAINED SAND	8"	BROWN	SAND	" NIL ORGANIC	62	ND	40
4	88	↓	"	"	"	"	"	NIL ORGANIC	24	ND	43
5	87	↓	"		8"	BROWN	DRY SAND	"	4	4	39
6	86	↓	"				WET DRY	>10% ORGANIC	10	ND	36
7	85	↓	"	CLAY	16"	BROWN	FROZEN	"	24	ND	42
8	4	↓	"	CLAY	8"	"	"	"	42	4	39
9	3	↓	"	CLAY	7"	BROWN	POORLY DRAINED	"	10	ND	36
10	2	↓	"		12"	RUSTY	WET MUCK	"	14	2	40
11	1	↓	"		6"	BROWN	WET	"	2	4	32
12	80	—	"	CLAY	6"	"	"	"	24	ND	53
13	79	—	"	CLAY	6"	BROWN	HARD DRY	"	36	ND	44
14	78	W	"	CLAY	4"	"	WET	"			
15	77	W	"	"	"	"	"	"	10		44

BONDAR-CLEGG & COMPANY LTD.

GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR P. BROWNSWORD

AREA _____

DATE 5/6/66

PROJECT _____

LOCATION REF. ASH GROUP

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
									Cu	Pb	Zn		
A-17	76		BUCK BRUSH				CLAY WET ICY WET		40		69		
18	75		"	CLAY	2"	BROWN	WET		38		87		
19	74		"	"	"	"	"		56		148		
20	3		"	"	"	"	"		8	2	87		
21	2		"	GRAVEL	6"	"	WET		50	ND	140		
25	1		"	CLAY	"	"	"		28	4	83		
26	70	"	"	"	"	"	"		50	ND	96		
27	69	"	"	"	"	"	"		38	12	138		
28	68	"	"	"	"	"	"		44		124		
29	7	"	"	"	"	BLACK	"		38	10	154		
30	6	"	"	"	"	BROWN	"		32	10	130		
31	5	"	"	"	"	"	"		32	6	96		
32	4		STREAM BANK LEFT	SAND		"	"	MEANDERING STREAM 20m/yr NNE	30	ND	65		
33	3		"	CLAY	6"	RUSTY	WET 50% ORG		24	10	83		
42	2		"	CLAY	6"		WET		48	ND	83		

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BONDAR-CLEGG & COMPANY LTD.

GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR

P BROWNSWORD

AREA

DATE

5/6/66

PROJECT

LOCATION REF.

ASA GROUP

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
									Cu	Pb	Zn	
34	BL 61		BUCKBRUSH	CLAY		BROWN	FROZEN		72	2	134	
41	60		"	"		"	"		52	ND	54	
35	59		"	"		"	"		36	ND	55	
36	58								36 ND	ND 59	59	
37	57	"							54	ND	78	
38	56	"		SAND	10"	BROWN	DRY		40	ND	49	
39	55	"		"	10"	"	"		42	ND	70	
43	4	"		"	"	"	"		34	2	40	
4	3	"		SAND		BROWN	DAMP		24	ND	45	
5	2	"							54	ND	79	
6	1	"		CLAY			WET		22	ND	57	
7	58	"					50% ORG		36	2	34	
8	9	"		PEAT	6"	BLACK	FINE SILT	} Pond nearby	all organic			
9	8	"		PEAT	6"	"	"		44	16	17	
50	7	"		PEAT	6"	"	"		18	4	15	

A-16

BONDAR-CLEGG & COMPANY LTD.

GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR P BROWNSWORD (A)

AREA _____

DATE 5/6/66

PROJECT _____

LOCATION REF. ASA GROUP

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
									Co	Pb	Zn	
51	BL 46		BUCK BRUSH	PEAT SILT	6"	BLACK		} near pond peat 50' from SHORE	30	12	55	
52	BL 45		BEACH GRAVEL		SURFACE				24	2	65	
53	BL 45	---	---	---	---	---	---	50' from shore BEACH SAND				
53	LO 29E	---	LAKE SHORE	GRAVEL	10"		WET	down Post # 1 MC # 1+2	42	4	65	
4	30E	↓	BUCK BRUSH & TREES	SAND	10"	DARK BROWN	DAMP		8	ND	43	
5	31E	↑↑↑	"	"	"	BLACK	"	NO ASH LAYER	34	ND	95	
6	32E	↑↑	"	"	12"	"	"		14	4	67	
7	33	↓	"	"	10"	"	"	ASH LAYER PRESENT 2" THICK	16	ND	24	
8	34	↓	"	"	10"	"	DRY		20	2	168	
9	35	↓	"	FINE CLAY	6"	"	"		84	ND	48	
60	36	↓	"	CLAY		GREY	HARD PACKED	VERY ROCKY	66	ND	34	
61	37	↓	"	"	60"	"	"	3" ASH	26	6	21	
62	38	↓	"	"	"	BROWN	"	OUTCROP PRESENT	50	2	54	
63	39	↓	"	"	12"	"	"	MAY HAVE ASH	110	ND	72	
63A	40	↓	"	"	6"	"	WET		44	ND	176	

BONDAR-CLEGG & COMPANY LTD.

GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR P. BROWNSWORD

AREA _____

 DATE 6/6/66

PROJECT _____

 LOCATION REF. ASH GROUP

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
									Cu	Pb	Zn	
A-64	^{LO} 43E	↙	BUCK BRUSH & TREES	SAND	10"	BROWN	DRY		20	ND	81	
65	44	↗	"	"	"	DARK BROWN	"		14	12	39	
66	45	"	"	GRAVEL	12"	LIGHT BROWN	"		22	ND	31	
67	46	"	"	SAND	8"	"	"		12	2	21	
68	47	↙	"	"	"	"	WET		16	16	78	
9	48	↙	"	"	"	DARK BROWN	DRY	SOME CONTAM	12	8	25	
70	^{LA} 48	↙	"	SILT	10"	BLACK	DAMP	50% ORG NO ASH LOTS OF OUTCROP	16	ND	12	
71	47	↙	"	SAND	"	BROWN	DRY	OUTCROP	34	ND	25	
72	46	⦚	"	FINE SAND	12"	GREY	"		10	ND	66	
73	45	↙	"	CLAY	10"	GREY GREEN	"		34	ND	54	
74	44	↙	"	"	"	"	"		10	6	35	
76	43	↙	"	"	"	"	"		42	4	21	
77	42	"	"	"	12"	BLACK	"	LARGE ORG NO ASH	ND	ND	29	
78	41	"	"	"	8"	GREY	DAMP		8	ND	40	
79	40	"	"	"	"	BLACK	FROZEN		90	8	10	

BONDAR-CLEGG & COMPANY LTD.

GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR P. BROWNSWORD

AREA FYRE LAKE

DATE 6/6/66

PROJECT ASH GP.

LOCATION REF. ASH GROUP

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
									Cu	Pb	Zn	
A-80	L ⁹ 39E	↘	BUCK BRUSH + TREES	CLAY	12"	BROWN	WET		24	8	168	
81	388	↘		"	8"	GREY BROWN	DAMP		34	ND	276	
82	372	↘		"	"	BLACK	"		10	ND	17	
3	366	↘		"	"	BROWN	"		28	MD	32	
4	355	↘		"	"	BLACK	DRY		24	6	23	
5	344	↘		SAND	8"	BROWN	DRY		26	4	52	
6	333	↘		"	"	"	"		30	2	45	
7	31	↘		"	"	"	"		20	8	69	
8	30	↘		"	"	"	"		22	6	47	
9	29			"	"	"	"		26	ND	65	
90	28	∨		SILT	"	BLACK	WET	SMALL STREAM NEARBY	190	30	79	
91	27	—		LOAM	"	"	"	20' FROM SHORE	84	2	23	
92	L ⁸ 25E	∨		COARSE SAND	10"	BROWN	DRY		76	ND	83	
3	26E	∨		"	"	"	"		4	ND	54	
94	27E	∨		"	"	"	"		18	NO	67	

BONDAR-CLEGG & COMPANY LTD.

GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR P. BROWNSWORD

AREA FYRE LAKE

DATE 6/6/66

PROJECT ASH GP.

LOCATION REF. ASH GROUP

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
									Cu	Pb	Zn	
95	L8 28E	///	BUCK BRUSH		8"	BROWN	SANDY DRY		18	ND	51	
96	29E	*	"		"	"	WET		72	ND	87	
97	30	∇	4 TREES		"	"	DRY	} ROULDER'S & OUTCROP	38	ND	84	
98	31	∇	"		"	BLACK	"		70	4	92	
99	32	∇	"		"	DARK BROWN	WET		20	4	93	
100	33	∇	"		10"	"	SANDY DRY		36	6	60	
101	34	∇	"		"	"	"		34	2	30	
102	35	∇	"		"	GRAY GREEN	CLAY		22	ND	35	
103	36	∇	"		"	"	"		20	ND	37	
104	37	∇	"		"	"	"		38	ND	22	
105	38	∇	"						all organic			
106	39	∇	"					FROZEN OUTCROP	all organic			
107	40	∇	"			SHIT BROWN	WET	"	32	ND	130	
108	41		"		14"	GREY CLAY		"	24	ND	44	
109	42	∇	"		10"	RUST	DRY		46	2	50	

BONDAR-CLEGG & COMPANY LTD.

GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR P BROWNSWORD

AREA FYRE LAKE

DATE 6/6/66

PROJECT ASH GP.

LOCATION REF. ASH GROUP

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
									Cu	Pb	Zn	
110	L8 43 E	↙	BUCK BRUSH		12"	GRAY	CLAY		140	2	80	
111	44	↙	"		"	"	SAND & CLAY		40	ND	61	
112	45	↙	"		"	"	"		62	4	40	
3	46	↙	"		"	BROWN	COARSE SAND	WET	84	ND	77	
4	47	↙	"		"	GREY	CLAY		20	ND	15	
5	48	↙	"		"	"	"		32	ND	39	
116	L12 22E	↙	"		8"	LIGHT BROWN	SAND	NO ASH LARGE ORG.				
7	23	↓			8"	DARK BROWN	"		34	2	36	
8	24	↙			8"	"	"		18	4	30	
9	25	↙			8"	"	DRY		20	4	65	
120	26	✕			"	"	"		ND	8	40	
21	27	✕			12"	BLUE GREY	CLAY		14	6	29	
22	28	✕			10"	RUST BROWN	SAND		16	6	46	
23	29	✕			"	"	"	GULLEY & STREAM 30' N	10	ND	44	
124	30	✕			"	DARK BROWN	"	R - BANK OF STREAM	26	ND	28	

BONDAR-CLEGG & COMPANY LTD.

GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR P. BROWNSWORD

 AREA FYRE LAKE

 DATE 7/6/66

 PROJECT ASH GP.

 LOCATION REF. ASH GROUP

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
									Cu	Pb	Zn	
125	L12 31E	↙	TREES & BUCK BRUSH		12"	LIGHT BROWN	GRAVEL		88	4	62	
6	32	≠	"		8"	"	SAND	NO ASH	22	ND	58	
7	33	↙	"		"	"	"		12	6	28	
8	34	↙	"		"	"	"		14		56	
9	35	↙	"		"	BLACK	FINE SAND		26	12	55	
130	36	↙	"		10"	LIGHT BROWN	FROZEN FINE SAND		34	3	"	
31	37	"	"		"	"	SAND		16	ND	27	
32	38	"	"		"	DARK GREY	CLAY		62	ND	37	
33	39	"	"		"	"	"		50	ND	21	
4	40	"	"		12"	GREEN	CLAY		10	ND	23	
5	41	"	"		16"	DARK BROWN	"		12	ND	18	
6	42	"	"		"	"	"		36	4	66	
NO SAMPLE	43	"	"		"	"	"	OUTCROP				
7	44	"	"		"	"	"		89	36	34 8	
138	45	"	"		"	LIGHT BROWN	"		34 132	18 62	67	

BONDAR-CLEGG & COMPANY LTD.

GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR P. BROWNSWORD

 AREA FYRE LAKE

 DATE 7/6/66

 PROJECT ASH GP.

 LOCATION REF. ASH GROUP

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
									Cu	Pb	Zn	
139	L12 46 E	E	BUCK BRUSH & TREES		16"	BROWN	SAND		10	16	75	
140	47	E			"	"	"		40	2	38	
41	48	E			12"	"	"	NO ASH				
42	L16 48 E	E			"	DARK BROWN	CLAY		10	4	36	
43	47	E			8"	BLACK	"		26	ND	12	
44	46	"			6"	BLUE	CLAY	LOTS OF OUTCROP	10	ND	13	
45	45	"			10"	BROWN	CLAY		10	16	99	
46	44	"			"	"	"		54	12	40	
47	43	"			"	"	"		30	5	35	
48	42	"			"	"	"		10	6	15	
49	41	"			8"	"	"		42	4	63	
50	40	"			10"	"	"		124	16	94	
51	39	"			"	"	"		30	2	44	
52	38	"			"	"	"		20	2	35	
153	37	"			"	"	"		14	ND	35	

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GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR P. BROWNSWORD

 AREA FYRE LAKE

 DATE 2/6/66

 PROJECT ASH GP.

 LOCATION REF. ASH GROUP

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
									Cu	Pb	Zn	
154	L16 36E ↙		BUCK BRUSH & TREES		8"	GREEN CLAY			18	ND	44	
NO SAMPLE	35		↘		"			OUTCROP NO SOIL				
155	34		↘		"	GREY	CLAY		24	ND	10	
6	33		"		10"	"	"		20	ND	38	
7	32		"		"	"	"		8	ND	18	
8	31		"		10"	BROWN	SAND	} LARGE ORG %	16	6	30	
9	30		"		6"	BROWN	"		ND	30	62	
160	29	↕	"		8"	"	"	R. BANK OF SMALL STREAM	66	10	48	
161	28	↕	"		"	"	"	L. " " "	58	2	35	
2	27		"		"	"	"		42	-	35	
3	26	↙	"		"	DARK BROWN	SAND	20% ORG	6		29	
4	25	↙	BUCK BRUSH		8"	GREY	CLAY	NO ASH	4	ND	25	
5	24	↙	"		12"	"	"		26	6	27	
NO SAMPLE	23	↙	"					large outcrop				
166	22	—	"		8"	"	"	BOULDERS	14	2	54	

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GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR P. BROWNSWORD

 AREA FYRE LAKE

 DATE 7/6/66

 PROJECT ASH GROUP.

 LOCATION REF. ASH GROUP

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS				
									CU	Pb	Zn		
167	L16 21E	—	BUCKBRUSH		8"	RUSTY BROWN	SAND	BOULDER	10		38		
68	20	—	"		"	BLACK	"		26	ND	9		
69	19	—	"		"	RUST BROWN	"	NO ASH	16	ND	39		
170	18	—	"		"		GRAVEL	LAKE SHORE	16		71		
171	L20 19E	—	"		"	BLACK	SILT	20' FROM LAKE SHORE	46	2	62		
2	20	—	"		10"	BROWN	CLAY		58	10	94		
3	21	↙	"		12"	BLACK	WET CLAY		38	6	50		
4	22	↙	"		10"	"	CLAY	OUT CROP	6	ND	18		
5	23	↙	"		6"	DARK BROWN	SAND	"	30		23		
6	24	"	"		"	RUST	"	"	22	ND	7		
7	25	"	"		"	"	"	"	20	ND	9		
8	26	↙	"		8"	GREY	CLAY		12	ND	25		
9	27	↙	"		"	"	"		18	4	21		
180	28	↙	"		"	GREY GREEN	"		8	ND	22		
181	29	✗	"		"	BROWN GREY	"		18	8	30		

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GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR P. BRONNSNORD

AREA FYRE LAKE

DATE 7/6/66

PROJECT ASH GROUP

LOCATION REF. ASH GROUP

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	PHYSIOGRAPHY	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL RESULTS			
									Cu	Pb	Zn	
182	L20 30	↘			6"	BLACK	LOAM	R BANK OF CREEK FLOWING S.E. HIGH ORGANIC	130		93	
3	31	↙	BUCKBRUSH & TREES		8"	"	"	CREEK GORGE	114	12	180	
4	32	↙	"		"	RUST	SAND		12	12	39	
5	33	"	"		"	GREY	CLAY		10	ND	72	
6	34	"	"		14"	"	"		14	ND	19	
7	35	"	"		8"	"	"		ND	2	15	
8	36	"	"	"	"	HAIT BROWN	"		170	ND	150	
9	37	"	"	"	10"	GREY	CLAY		6	5	36	
190	38	"	"	"	"	"	"		10	2	19	
191	39	"	"	"	12"	"	"		28	20	45	
192	40	"	"	"	"	"	"		34	ND	60	
193	41	"	"	"	"	"	"					
194	42	"	"	"	14"	"	"		20	ND	15	
195	43	"	"	"	10"	"	WET CLAY		34	16	61	
196	44	"	"	"	"	"	"		16	4	36	

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**ANALYTICAL WORK SHEET
GEOCHEMICAL**

Report Number R-16-66 Weight of Sample 0.500 g
 From Bob Harvey P NIELSEN Extraction H₂O aqua Regia
 Tested For Cu-Pb-Zn Volume Used 10 ml
 Date 9 June 66 ASH-A1-200 Analyst _____

SAMPLE NUMBER		Cu	PPM	Pb	PPM	Zn	PPM	PPM	PPM	PPM
OURS	YOURS									
1	A-111		40		ND		61			
2	-36		36		ND		59			
3	-92		76		ND		83			
4	-96		72		ND		87			
5	-8		42		4		39			
6	-6		10		ND		36			
7	3		62		ND		40			
8	64		20		ND		81			
9	37		54		ND		78			
10	63A		44		ND		176			
11	66		22		ND		31			
12	21		50		ND		140			
13	55		34		ND		95			
14	58		20		2		168			
15	73		34		ND		54			
16	20		8		2		87			
17	72		12		ND		66			
18	54		8		ND		43			
19	76		42		4		21			
20	31		32		6		96			
21	53		42		4		65			
22	60		66		ND		34			
23	108		24		ND		44			
24	61		26		6		21			
25	41		52		ND		54			
26	57		16		ND		24			
27	104		38		ND		22			
28	62		50		2		54			
29	29		38		10		154			

**ANALYTICAL WORK SHEET
GEOCHEMICAL**

Report Number A-16-66
 From Bob Harvey POV
 Tested For Cu-Pb-Zn
 Date 9 June 66

Weight of Sample 0.500 g
 Extraction Hot Aqua Regia
 Volume Used 10 ml
 Analyst _____

SAMPLE NUMBER		Cu	PPM	Pb	PPM	Zn	PPM	PPM	PPM	PPM
OURS	YOURS									
30	30		32		10		130			
31	103		20		ND		37			
32	100		36		6		60			
33	32		30		ND		65			
34	13		36		ND		44			
35	7		24		ND		42			
36	34		72		2		134			
37	39		42		ND		70			
38	38		40		ND		49			
39	42		48		ND		83			
40	101		34		2		30			
41	102		22		ND		35			
42	35		36		ND		55			
43	107		32		ND		130			
44	109		46		2		50			
45	43		34		2		40			
46	99		20		4		93			
47	95		18		ND		51			
48	44		24		ND		45			
49	25		54		ND		79			
50	9		10		ND		36			
51	97		38		ND		34			
52	115		32		ND		39			
53	113		84		ND		77			
54	94		18		ND		67			
55	93		4		ND		54			
56	46		22		ND		57			
57	12		24		ND		53			
58	78		8		ND		40			

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ANALYTICAL WORK SHEET

GEOCHEMICAL

Report Number R-16-66

Weight of Sample 0.500 g.

From Bob Harvey PPN

Extraction Aqua Regia

Tested For Cu-Pb-Zn

Volume Used 10 ml

Date 9 June 66

Analyst _____

SAMPLE NUMBER		Cu.	PPM	Pb.	PPM	Zn.	PPM	PPM	PPM	PPM
OURS	YOURS									
59	A-25		28		4		83			
60	-82		10		ND		17			
61	81		34		ND		276			
62	52		24		2		65			
63	86		30		2		45			
64	80		24		8		168			
65	84		24		6		23			
66	88		22		6		47			
67	87		20		8		69			
68	4		24		ND		43			
69	85		26		4		52			
70	68		16		16		78			
71	89		26		ND		65			
72	5		4		4		39			
73	11		2		4		32			
74	10		14		2		40			
75	26		50		ND		96			
76	164		4		ND		25			
77	161		58		2		35			
78	27		38		12		138			
79	120		ND		8		40			
80	123		10		ND		44			
81	117		34		2		36			
82	179		18		4		21			
83	121		14		6		29			
84	126		22		ND		58			
85	163									
86	167									
87	15									

To be Done Later

④



**ANALYTICAL WORK SHEET
GEOCHEMICAL**

Report Number R-16-66
From Bob Harvey PPNV
Tested For Cu-Pb-Zn
Date 9 June 66

Weight of Sample 0.500 g.
Extraction Hot Aqua Regia
Volume Used 10ml
Analyst _____

SAMPLE NUMBER		Cu	PPM	Pb	PPM	Zn	PPM	PPM	PPM	PPM
OURS	YOURS									
87	A-17									
88	170									
89	128									
90	162									
91	28									
92	175									
93	2									
94	1									
95	19									
96	18									
97	159		ND		1.5		62			
98	105 all Organic		- Nothing detected							
99	147		30		5		35			
100	156		20		ND		38			
101	33		24		10		83			
102	183		114		12		180			
103	151		30		2		44			
104	125		88		4		62			
105	144		10		ND		13			
106	153		14		ND		35			
107	90		190		30		79			
108	77		120		ND		29			
.2g 109	132		62		ND		37			
110	137		84		36		34			
111	138		34		18		67			
112	146		54		12		40			
113	106 all organic				-					
114	195		34		16		61			
.2g 115	143		26		ND		12			

To Do Dono Water.
You will note the two "87"
this is the mistake.



ANALYTICAL WORK SHEET
GEOCHEMICAL

Report Number R-16-66

Weight of Sample 0.500g

From Bob Harvey PPN

Extraction Hot Aqua Regia

Tested For Cu-Pb-Zn

Volume Used 10ml, using AA

Date 9 June 66

Analyst _____

SAMPLE NUMBER		Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
OURS	YOURS												
116	47		36		1	3	34						
117	182		130		20		93						
118	70 (2g)		16		ND		12						
119	71 (0.2g)		34		ND		25						
120	83 (0.2g)		28		ND		32						
121	131		16		ND		27						
122	166		14		2		54						
123	142		10		4		36						
124	139		10		16		75						
125	130		34		3		11						
126	48 All organics none detected!												
127	133 (0.2g)		50		ND		21						
128	114 (0.2g)		20		ND		15						
129	168		26		ND		9						
130	194 (2g)		20		ND		15						
131	140 (2g)		40		2		38						
132	186		14		ND		19						
133	154		18		ND		44						
134	192		34		ND		60						
135	171		46		2		62						
136	155		24		ND		10						
137	176		22		ND		7						
138	169		16		ND		39						
139	177		20		ND		9						
140	65		14		12		39						
141	50 (2g)		18		4		15						
142	49		44		16		17						
143	145		10		16		99						
144	157		8		ND		18						

**ANALYTICAL WORK SHEET
GEOCHEMICAL**

Report Number A-16-66
 From Bot Harvey PPN
 Tested For Cu - Pb - Zn
 Date 9 June 66

Weight of Sample 500 ~~g~~ generally
 Extraction 100ml generally HCl-HNO₃
 Volume Used 10ml generally
 Analyst _____

SAMPLE NUMBER		Cu	PPM	Pb	PPM	Zn	PPM	PPM	PPM	PPM
OURS	YOURS									
145	191		38		20		45			
146	79		180		8		10			
147	69		12		8		25			
148	196		16		4		36			
149	173		28		6		50			
150	184		12		12		39			
151	197		28		8		55			
152	160		66		10		48			
153	118		18		4		30			
154	198		20		8		89			
155	181		18		8		30			
156	200		4		6		69			
157	150		124		16		94			
158	51		30		12		55			
159	59		84		ND		48			
160	189		6		5		36			
161	178		12		ND		25			
162	74		10		6		35			
163	112		62		4		40			
164	134		10		ND		23			
165	56		14		4		67			
166	152		20		2		35			
167	98		70		4		92			
168	172		58		10		94			
169	119		20		4		65			
170	127		12		6		28			
171	190		10		2		19			
172	122		16		6		46			
173	110		140		2		80			

**ANALYTICAL WORK SHEET
GEOCHEMICAL**

Report Number R-16-66
 From Bob Harvey PPM
 Tested For Cu-PPb-Zn
 Date 9 June 66

Weight of Sample 500 g
 Extraction Hot Aqua Regia
 Volume Used _____
 Analyst _____

SAMPLE NUMBER		Cu	PPM	Pb	PPM	Zn	PPM	PPM	PPM	PPM
OURS	YOURS									
174	174	6		ND		18				
175	149	42		4		63				
176	158	16		6		30				
177	135	12		ND		18				
178	63	110		ND		72				
179	136	36		4		16				
180	180	6		ND		22				
181	188	170		ND		150				
182	187	ND		2		15				
183	165	26		6		27				
184	91	84		2		23				
185	67	12		2		21				
186	124	26		ND		28				
187	148	10		6		15				
188	129	26		13		55				
189	199	24		10		52				
190	185	10		ND		72				
191										
192										
193										
194										
195										
196										
197										
198										
199										
200										
198										
191										

Bob some of the samples would not go through the sieve. These samples were organic such as moss, wood chips and roots. Next time I will have the man on the sifting end put in a chunk of matter if it is too organic to crush or sieve. Please inform me on this. Eldon.

**ANALYTICAL WORK SHEET
GEOCHEMICAL**

Report Number R-16-66
 From Bob Harvey Phil Nelson
 Tested For Cu-Pb-Zn
 Date 9 June 66

Weight of Sample 0.500g
 Extraction H⁺ aqua Regia & by fusion
 Volume Used 1ml for Mo 1ml for Pb
 Analyst _____

SAMPLE NUMBER		Cu	PPM	Pb	PPM	Zn	PPM	Mo	PPM	PPM	PPM
OURS	YOURS										
1	A-111	20	40	ND	ND	61	61	.3	6	3	
2	-36	18	36	ND	ND	59	59	.2	4	2	
3	-92	38	76	ND	ND	83	83	.5	10	5	
4	-96	36	72	ND	ND	87	87	.5	10	5	
5	-8	21	42	.2	4	39	39	.3	6	3	
6	-6	5	10	ND	ND	36	36	.3	6	3	
7	3	31	62	ND	ND	40	40	.2	4	2	
8	64	10	20	ND	ND	81	81	1.6	32	16	
9	37	27	54	ND	ND	78	78	.2	4	2	
10	63A	22	44	ND	ND	88	176	.4	8	4	
11	66	11	22	ND	ND	31	31	.2	4	2	
12	21	25	50	ND	ND	70	140	.3	6	3	
13	55	17	34	ND	ND	95	95	.6	12	6	
14	58	10	20	.1	2	84	168	.8	16	8	
15	73	17	34	ND	ND	54	54	.3	6	3	
16	20	4	8	.1	2	87	87	.2	4	2	
17	72	6	12	ND	ND	66	66	.1	2	1	
18	54	4	8	ND	ND	43	43	.5	10	5	
19	76	21	42	.2	4	21	21	.2	4	2	
20	31	16	32	.3	6	96	96	.6	12	6	
21	53	21	42	.2	4	65	65	.1	2	1	
22	60	33	66	ND	ND	34	34	.4	8	4	
23	108	12	24	ND	ND	44	44	.4	8	4	
24	61	13	26	.2	6	21	21	.1	2	1	
25	41	26	52	ND	ND	54	54	.2	4	2	
26	57	8	16	ND	ND	24	24	.1	2	1	
27	104	19	38	ND	ND	22	22	.3	6	3	
28	62	25	50	.1	2	54	54	.6	12	6	
29	29	19	38	.5	10	77	154	.3	6	3	

All in case of Zn samples
 All in case of Mo, but for Zn
 from Ti. The results must be checked.

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BONDAR-CLEGG & COMPANY LTD.

**ANALYTICAL WORK SHEET
GEOCHEMICAL**

Report Number R-16-66
 From Bob Harvey Phil Nielsen
 Tested For Cu-Pb-Zn
 Date 9 June 66

Weight of Sample 0.500g
 Extraction Hot aqua Regia
 Volume Used 10 ml for Mo 1 ml for Pb
 Analyst _____

SAMPLE NUMBER		Cu	PPM	Pb	PPM	Zn	PPM	Mo	PPM	PPM	PPM
OURS	YOURS										
30	30	16	32	.5	10	65 ⁸⁵	130	ND	ND		
31	103	10	20	ND	ND	37	37	.2	4		
32	100	18	36	.3	6	60	60	.6	12		
33	32	15	30	ND	ND	65	65	ND	ND		
34	13	18	36	ND	ND	44	44	ND	ND		
35	7	12	24	ND	ND	42	42	ND	ND		
36	34	36	72	.1	2	67	134	.2	4		
37	39	21	42	N.D.	N.D.	70	70	.3	6		
38	38	20	40	N.D.	N.D.	49	49	.1	2		
39	42	24	48	N.D.	N.D.	83	83	.2	4		
40	101	17	34	.1	2	30	30	.2	4		
41	102	11	22	ND	N.D.	35	35	ND	ND		
42	35	18	36	ND	N.D.	55	55	.1	2		
43	107	16	32	ND	N.D.	65 ⁸⁵	130	1.0	20		
44	109	23	46	0.1	2	50	50	.2	4		
45	43	17	34	0.1	2	40	40	ND	ND		
46	99	10	20	0.2	4	93	93	.8	16		
47	95	9	18	N.D.	N.P.	51	51	.5	10		
48	44	12	24	ND	ND	45	45	ND	ND		
49	45	26	54	ND	ND	79	79	.5	10		
50	9	5	10	ND	ND	36	36	ND	ND		
51	97	19	38	ND	ND	84	84	.2	4		
52	115	16	32	ND	ND	39	39	.1	2		
53	113	42	84	ND	ND	77	77	.5	10		
54	94	9	18	ND	ND	67	67	2.0	40		
55	93	2	4	ND	ND	54	54	1.0	20		
56	46	11	22	ND	ND	57	57	.5	10		
57	12	12	24	ND	ND	53	53	.2	4		
58	78	4	8	ND	ND	40	40	1.0	20		



ANALYTICAL WORK SHEET
GEOCHEMICAL

Report Number A-16-66
From Bob Harvey Phil Nielsen
Tested For Ca-Pb-Zn
Date 9 June 66

Weight of Sample 0.500 g.
Extraction Aqua Regia
Volume Used 10 ml 1 ml for Mo 17/2/66
Analyst _____

SAMPLE NUMBER		Ca	PPM	Pb	PPM	Zn	PPM		PPM	Mo	PPM		PPM
OURS	YOURS												
59	A-25	14	28	.2	4	83	83			.5	10		
✓60	-82	5	10	ND	ND	17	17			ND	ND		
61	81	17	34	ND	ND	69	276			.8	16		
62	52	12	24	.2	2	65	65			ND	ND		
63	86	15	30	.1	2	45	45			.5	10		
64	80	12	24	.4	8	84 30ml	168			1.0	20		
65	84	12	24	.3	6	23	23			ND	ND		
66	88	11	22	.3	6	47	47			1.5	30		
67	87	10	20	.4	8	69	69			2.0	40		
68	4	12	24	ND	ND	43	43			ND	ND		
69	85	13	26	.2	4	52	52			1.2	24		
70	68	8	16	.8	16	78	78			1.0	20		
71	89	13	26	ND	ND	65	65			2.0	40		
✓72	5	2	4	.2	4	39	39			ND	ND		
73	11	1	2	.2	4	32	32			ND	ND		
74	10	7	14	.1	2	40	40			.1	2		
75	26	25	50	ND	ND	96	96			.2	4		
76	164	2	4	ND	ND	25	25			ND	ND		
- 77	161	29	58	ND	ND	35	35			ND	ND		
78	27	19	38	.6	12	69	138			.2	4		
79	120	ND	ND	.4	8	40	40			ND	ND		
80	123	5	10	ND	ND	44	44			.6	12		
81	117	17	34	ND	2	36	36			.5	10		
82	179	9	18	.2	4	21	21			.2	4		
83	121	7	14	.2	6	29	29			.3	6		
✓84	126	11	22	ND	ND	58	58			.2	4		
+ 85	163	3	6			29	29			ND	ND		
86	167	5	10			38	38			.2	4		
87	15	5	10			44	44			.4	8		

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ANALYTICAL WORK SHEET
GEOCHEMICALReport Number R-16-66Weight of Sample 0.500 g.From Bob Harney Phil NielsenExtraction Hot Aqua RegiaTested For Cu-Pb-ZnVolume Used 20ml Mo 1ml for PbDate 9 June 66

Analyst

SAMPLE NUMBER		Cu	PPM	Pb	PPM	Zn	PPM		PPM	Mo	PPM		PPM
OURS	YOURS												
87	88	A-17	20	40		69	69			.3			
88		170	8	16		71	71			.3			
89		128	7	14		56	56			.1			
90		162	21	22		35	35			.1			
91		28	22	44		62	124	20ml					
92		175	15	30		23	23			.1			
93		2	8	16		65	65			.1			
94		1	28	36	56	46	46			.3			
95		19	28	36	56	74	148	20ml		N.D.			
96		18	19	38		87	87						
97		159	ND	ND	1.5	30	62			N.D.			
98		105	all organic - Nothing detected							N.D.			
99		147	15	30	0.25	5.0	35	35		.2			
100		156	10	20	N.D.	N.D.	38	38		N.D.			
101		33	21	24	1.5	10	83	83		.6			
102		183	57	114	.6	12	90	180	20ml				
103		151	15	30	.1	2	44	44		N.D.			
104		125	44	88	.2	4	62	62		N.D.			
105		144	5	10	N.D.	N.D.	13	13		N.D.			
106		153	7	14	N.D.	N.D.	35	35		.1			
107		90	95	190	1.5	30	79	79	20ml	N.D.			
108		77	60	120	N.D.	N.D.	29	29					
109		132	31	62	N.D.	N.D.	37	37		N.D.			
110		137	42	84	1.8	36	34	34		1.5			
111		138	11	34	.9	18	67	67		N.D.			
112		146	27	54	.6	12	40	40		2			
113		106	all organic							N.D.			
114		195	17	34	.8	16	61	61		1.5			
115		143	13	26	N.D.	N.D.	12	12		N.D.			

**ANALYTICAL WORK SHEET
GEOCHEMICAL**

Report Number R-16-66

Weight of Sample 0.500g

From Bob Henry Phil Nielsen

Extraction Hot Aqua Regia

Tested For Cu-Pb-Zn

Volume Used 10ml, using A.A. ^{2ml x 10}

Date 9 Jun 66

Analyst

SAMPLE NUMBER		Cu	PPM	Pb	PPM	Zn	PPM		PPM		PPM		PPM
OURS	YOURS												
46	47	18	36	110	130	34	34	ND					
117	182 ^{20ml}	65	130	1.0	2.0	93	93	ND					
118	70 ^{2g}	8	16	N.D.	N.D.	12	12	ND					
119	71 ^(.2g)	17	34	N.D.	N.D.	25	25	ND					
120	83 ^(.2g)	14	28	N.D.	N.D.	32	32	.2					
121	131	8	16	N.D.	N.D.	27	27	.1					
122	166	7	14	.1	.2	54	54	.4					
123	142	5	10	.25	.4	36	36	.5					
124	139	"	10	.8	16	75	75	^{2gml}					
125	130	17	34	.15	.3	11	11	.1					
126	48 All organic gone - detected!							ND					
127	133 ^(0.2g)	25	50	ND	N.D.	21	21	ND					
128	114 ^(0.2g)	10	20	ND	N.D.	15	15	ND					
129	168	13	26	ND	N.D.	9	9	.2					
130	194 ^(.2g)	10	20	ND	N.D.	15	15	.1					
131	140 ^(.2g)	20	40	.1	.2	38	38	.6					
132	186	7	14	ND	N.D.	19	19	.3					
133	154	9	18	ND	N.D.	44	44	44					
134	192	17	34	ND	N.D.	60	60	60					
135	171	23	46	.1	.2	62	62	62					
136	155	12	24	ND	N.D.	10	10	2.3					
137	176	"	22	N ₂	N.D.	7	7	ND					
138	169	8	16	ND	N.D.	39	39	.6					
139	177	10	20	N.D.	N.D.	9	9	.1					
140	65	7	14	.6	12	39	39	.6					
141	50	8	16	.2	.4	15	15	.5					
142	49	22	44	.8	16	17	17	.1					
143	145	5	10	.8	16	99	99	.7					
144	157	4	8	N.D.	N.D.	18	18	.3					

**ANALYTICAL WORK SHEET
GEOCHEMICAL**

Report Number A-16-66
 From Bob Harney Phil Nelson
 Tested For Cu - Pb - Zn
 Date 9 June 66

Weight of Sample ⁵⁰⁰ 0.700g generally
 Extraction 10ml generally HCl-HNO₃
 Volume Used 10ml generally 2 ml O.K. for Pb.
 Analyst _____

SAMPLE NUMBER		Cu	PPM	Pb	PPM	Zn	PPM	Mo	PPM	PPM	PPM
OURS	YOURS										
145	191	14	28	1.0	20	45	45	.1	1		
146	79	45	90	.4	8	10	10	ND	ND		
147	69	6	12	.4	8	25	25	.4	4		
148	196	8	16	.2	4	36	36	.2	2		
149	173	19	38	.3	6	50	50	1.5	15		
150	184	6	12	.6	12	39	39	.4	4		
151	197	14	28	.4	8	55	55	.3	3		
152	160	33	66	.5	10	48	48	ND	ND		
153	118	9	18	.2	4	30	30	.4	4		
154	198	10	20	.4	8	89	89	.8	8		
155	181	9	18	.4	8	30	30	.3	3		
156	280	2	4	.3	6	69	69	.5	5		
157	150	62	124	.8	16	94	94	.4	4		
158	51	15	30	.6	12	55	55	1.0	10		
159	59	42	84	ND	ND	48	48	.8	8		
160	189	2	6	.25	5	36	36	ND	- organic		
161	178	6	12	ND	ND	25	25	.8	8		
162	74	5	10	.3	6	35	35	1.0	10		
163	112	31	62	.2	4	40	40	.5	5		
164	134	5	10	ND	ND	23	23	0	- organic		
165	56	7	14	.2	4	67	67	1.0	10		
166	152	10	20	.1	2	35	35	.4	4		
167	98	35	70	.2	4	92	92	1.2	12		
168	172	29	58	.5	10	94	94	2.0	20		
169	119	10	20	.2	4	65	65	ND			
170	127	6	12	.3	6	28	28	1			
171	190	5	10	.1	2	19	19				
172	122	8	16	.3	6	46	46				
173	110	70	140	.5	2	80	80				

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BONDAR-CLEGG & COMPANY LTD.

ANALYTICAL WORK SHEET
GEOCHEMICAL

Report Number R-16-66
From Bob Harvey Phil Nielsen
Tested For Cu-Pb-Zn
Date 9 June 66

Weight of Sample .500 g
Extraction Hot Aqua Regia
Volume Used 2 ml H₂O 1 ml Pb
Analyst _____

SAMPLE NUMBER		Ca	PPM	Pb	PPM	Zn	PPM	PPM	PPM	PPM
OURS	YOURS									
174	197 174	3	6	ND	ND	18	18			
175	79 149	21	42	.2	4	63	63			
176	158	8	16	.3	6	30	30			
177	135	6	12	N.D.	ND	18	18			
178	63	55	110	N.D.	ND	72	72			
179	136	18	36	.2	4	16	16			
180	180	3	6	N.D.	ND	22	22			
181	188 20ml	85	170	N.D.	ND	75 20ml	150 20ml			
182	187	ND	ND	.1	2	15	15			
183	165	13	26	.3	6	27	27			
184	91	42	84	.1	2	23	23			
185	67	6	12	.1	2	21	21			
186	124	13	26	N.D.	ND	28	28			
187	148	5	10	.3	6	15	15			
188	129	13	26	.6	12	55	55			
189	199	12	24	.5	10	26 20 ml	52			
190	185	5	10	N.D.	ND	36 20 ml	72			
191										
192										
193										
194										
195										
196										
197										
198										
199										
200										
150										
151										