

**Normin/Boise Cascade**

International Falls

Seattle Slew

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Doc #: 35

**Bondar-Clegg & Company Ltd**

5420 Canotek Road

Ottawa, Ontario

K1J 8X5

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**Geochemical**

70-24-1 FILE #1

ITEM  
33**BONDAR-CLEGG**

DRILL HOLE

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SEATTLE SLEW

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REPORT: 089-00501.1

PROJECT: DRILL FALLS

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SAMPLE NUMBER	ELEMENT UNITS	AN PPM
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20326		<5
20327		12
20328		<5
20329		9
20330		5

20331		<5
20332		8
20333		<5
20334		<5
20335		<5

20336		5
20337		<5
20338		7
20339		60
20340		10

SEATTLE SLEW

REPORT: 089-00503.1

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PROJECT: INT'L FALLS

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SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Au Rew PPB	Au Rew PPB
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20341		17		
20342		21		
20343		14		
20344		14		
20345		60		

20346		367		
20347		18		
20348		162		
20349		26		
20350		79		

20351		11		
20352		64		
20353		8016	6886	6256
20354		105		
20355		1836	974	1195

20356		133		
20357		31		
20358		561		
20359		30		
20360		15		

20361		23		
20362		19		
20363		21		
20364		14		
20365		14		

20366		33		
20367		18		
20368		33		
20369		16		
20370		12		

20371		9		
20372		6		
20373		18		
20374		39		
20375		47		

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# Geochemical Lab Report

SEATTLE SLEW

REPORT: 089-00505.1

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PROJECT: INT'L FALLS

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SAMPLE NUMBER	ELEMENT UNITS	Au PPB
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20376		9
20377		9
20378		14
20379		8
20380		7

20381		12
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20382		<5
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20383		<5
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20384		<5
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20385		<5
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20386		<5
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20387		<5
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20388		<5
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20389		<5
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20390		<5
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20391		<5
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20392		<5
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# Geochemical Lab Report

REPORT: 089-00503.2

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PROJECT: INT'L FALLS

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SAMPLE NUMBER	ELEMENT UNITS	Li PPM	Be PPM	B PPM	Sc PPM	V PPM	Cr PPM	Co PPM	Ni PPM	Cu PPM	Zn PPM	Ga PPM
20341		35	<4.0	<2	21	159	97	15	14	48	89	8
20342		6	<4.0	<2	4	38	212	9	27	140	54	3
20343		24	<4.0	<2	12	94	173	11	16	73	89	7
20344		44	<4.0	<2	24	173	143	15	17	40	97	9
20345		8	4.1	<2	4	35	169	9	13	121	50	4
20346		32	5.0	<2	14	111	158	16	20	167	81	7
20347		59	5.0	<2	10	84	125	13	34	40	65	10
20348		30	6.1	<2	6	54	169	11	21	47	65	6

REPORT: 089-00503.2

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PROJECT: INT'L FALLS

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SAMPLE NUMBER	ELEMENT UNITS	Pb PPM	Sr PPM	Y PPM	Zr PPM	Hf PPM	Mo PPM	Ag PPM	Cd PPM	Sn PPM	Sb PPM	Te PPM
20341		53	35	16	76	7	<5	0.7	<1	34	<5	<20
20342		57	1	8	19	4	<5	<0.5	<1	<30	<5	<20
20343		72	18	12	47	6	<5	0.6	<1	<30	<5	<20
20344		<50	53	16	77	7	<5	0.7	<1	<30	<5	<20
20345		51	2	8	21	4	<5	<0.5	<1	<30	<5	<20
20346		65	25	12	52	6	<5	0.6	<1	<30	<5	<20
20347		59	53	10	82	6	<5	0.7	<1	<30	<5	<20
20348		95	10	9	47	5	<5	0.6	<1	<30	<5	<20

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# Geochemical Lab Report

REPORT: 089-00503.2

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PROJECT: INT'L FALLS

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SAMPLE NUMBER	ELEMENT UNITS	Ba PPM	La PPM	Ce PPM	Ta PPM	W PPM	Tl PPM	Pb PPM	Bi PPM	As PPM
20341		89	13	18	<10	<10	<20	21	<5	198
20342		5	10	13	<10	<10	<20	14	<5	64
20343		70	13	17	<10	17	<20	23	<5	121
20344		83	14	18	<10	14	<20	21	<5	237
20345		6	10	13	<10	<10	<20	14	<5	65
20346		76	13	16	<10	<10	<20	17	<5	144
20347		191	13	15	<10	<10	<20	20	<5	248
20348		46	12	14	<10	<10	<20	21	<5	131

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# Certificate of Analysis

REPORT: USJ-00503.4

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PROJECT: INT'L CALLS

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SAMPLE NUMBER	ELEMENT UNITS	BY UNIT	PPB
20346	0.005		206
20347	0.002		
20348	0.005		171
20349	0.001		6870
20354	0.003		103
20355	0.002		1097
20356	0.005		171
20357	0.002		
20358	0.014		480

Joe Herman, Chief Assayer

Bondar-Clegg & Company Ltd.  
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# Certificate of Analysis

REPORT: 089-00518.4 ( COMPLETE )

REFERENCE INFO:

CLIENT: NORMIN MINING  
PROJECT: INT'L FALLS

SUBMITTED BY: D.BAXTER  
DATE PRINTED: 27-APR-89

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au-150 Gold -150 Fraction	32	0.002 OPT		
2	Au+150 Gold +150 Fraction	32	0.002 OPT		
3	Au Ave Gold Weight Average	32	0.002 OPT		
4	-150WT Weight -150 Obtained	32	gms		
5	+150WT Weight +150 Obtained	32	gms		

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
DRILL CORE	32	+150/-150	32	Other Sample Prep 1	32
				Metallics +150/-150	32

REPORT COPIES TO: MIKE PARR

INVOICE TO: MIKE PARR

JERRY LEWIS  
JIM ROSS



REPORT: 089-00518.4

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PROJECT: INT'L FALLS

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au-150 OPT	Au+150 OPT	Au Ave OPT	-150WT gms	+150WT gms
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D20352		0.002	0.016	0.002	440.9	10.85
D20353		0.200	0.269	0.202	403.6	13.35
D20354		0.002	<0.005	0.002	370.7	11.52
D20355		0.039	0.256	0.048	351.9	15.82
D20356		0.004	0.016	0.004	361.6	5.38

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D20357		<0.002	<0.006	<0.002	365.9	9.94
D20358		0.024	<0.004	0.023	430.2	15.83
D20359		<0.002	<0.003	<0.002	439.5	17.20
D20404		0.002	0.004	0.002	357.4	15.55
D20405		<0.002	<0.008	<0.002	350.3	7.76

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D20406		<0.002	<0.004	<0.002	351.9	13.09
D20407		<0.002	<0.006	<0.002	377.4	9.69
D20408		0.003	<0.008	0.003	374.5	7.20
D20409		<0.002	<0.006	<0.002	390.9	9.13
D20441		0.008	<0.007	0.008	382.7	7.96

D20442		0.028	<0.008	0.027	344.5	7.41
D20443		<0.002	<0.006	<0.002	359.1	9.98
D20444		0.002	<0.003	<0.002	379.5	21.24
D20445		<0.002	0.006	<0.002	332.6	15.31
D20446		0.002	<0.006	0.002	368.6	10.55

D20447		0.002	<0.003	<0.002	335.2	19.00
D20448		0.003	0.140	0.007	381.2	12.29
D20540		<0.002	<0.006	<0.002	369.3	9.67
D20541		0.002	0.007	0.002	367.9	7.82
D20542		0.037	0.273	0.042	400.3	9.41

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D20543		0.015	0.167	0.019	359.1	8.90
D20544		0.002	0.096	0.004	349.5	6.69
D20545		0.005	<0.019	0.005	376.6	3.11
D20546		<0.002	<0.005	<0.002	343.6	12.10
D20547		<0.002	<0.003	<0.002	342.2	22.51

D20548		<0.002	<0.003	<0.002	354.9	22.51
D20549		<0.002	<0.003	<0.002	434.5	18.02

Joe Gernan, Chief Assayer