

# MIN-EN Laboratories Ltd.

705 WEST 15th STREET,  
NORTH VANCOUVER, B.C., CANADA V7M 1T2  
TELEPHONE (604) 980-5814

cc: C. GRAF  
Ecstall ops.  
✓ Master File  
J.S.B.

## ANALYTICAL REPORT

#33

Project Ecstall Date of report July 23/81.  
 File No. 1-502 Date samples received July 20/81  
 Samples submitted by: J. Brock  
 Company: Welcome North Mines  
 Report on: 279 soils Geochem samples

Assay samples

Copies sent to:

1. Welcome North, Vancouver, B.C.
2. \_\_\_\_\_
3. \_\_\_\_\_

Samples: Sieved to mesh 80 Ground to mesh \_\_\_\_\_

Prepared samples stored  discarded

rejects stored  discarded

Methods of analysis: nitric, perchloric digestion. A.A. Analysis.

Remarks: \_\_\_\_\_

PROJECT No. Ecstall

MIN - EN Laboratories Ltd.

DATE: July 2

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2  
PHONE (604) 980-5814

ATTENTION: J. Brock

1981

Sample No.	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb				
81	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160	
E10-38		36	9	58			.									
E0-77		143	23	108			.									
78		35	13	63			.									
79		22	9	48			.									
80		30	10	40			.									
81		41	15	65			.									
82		21	10	48			.									
83		25	14	56			.									
84		20	11	37			.									
85		15	11	28			.									
86		30	10	31			.									
87		57	17	171			.									
88		32	16	164			.									
89		21	11	70			.									
90		36	8	94			.									
91		35	12	63			.									
92		40	10	49			.									
93		60	8	56			.									
94		57	13	90			.									
95		58	12	58			.									
96		22	12	49			.									
97		19	11	52			.									
98		30	10	46			.									
E0-99		14	14	45			.									
E-127		40	15	126			.									
28		62	22	108			.									
29		76	22	123			.									
30		82	14	93			.									
31		17	18	58			.									
E-132		14	12	50			.									



PROJECT No: Ecstall

MIN - EN Laboratories Ltd.

DATE: July 23

ATTENTION J. Brock

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2  
PHONE (604) 980-5814

1981.

Sample No.	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb				
6	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	
81	86	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160
E-133		57	15	130												
34		25	5	98												
35		13	4	23												
36		67	6	56												
37		16	8	65												
38		19	2	36												
39		44	13	75												
40		13	13	56												
41		16	10	52												
42		15	12	62												
43		24	13	48												
44		19	12	60												
45		16	10	59												
46		42	12	53												
47		43	12	49												
48		52	15	121												
49		75	7	77												
50		51	7	97												
51		120	10	86												
52		26	7	43												
53		82	9	48												
54		80	16	59												
55		138	17	78												
56		120	16	62												
57		89	15	80												
58		80	18	98												
59		22	20	109												
60		42	14	94												
61		16	12	42												
E-162		21	10	44												





PROJECT No: **Ecstall**

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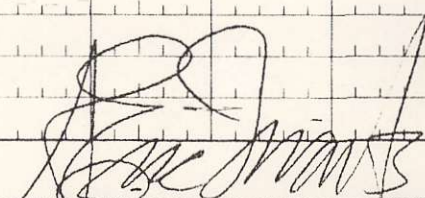
DATE: **July 23**

ATTENTION: **J. Brock**

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2  
PHONE (604) 980-5814

1981.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb				
6	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	
81	86	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160
EI-163		53	13	102				•								
64		52	11	106				•								
65		66	14	63				•								
66		115	13	81				•								
67		82	12	65				•								
68		44	11	54				•								
69		22	12	41				•								
EI-170		61	13	42				•								
EI-171		10	12	28				•								
72		49	14	73				•								
73		16	10	38				•								
74		19	10	38				•								
75		3	7	14				•								
76		18	11	51				•								
77		10	10	19				•								
78		6	10	26				•								
79		23	12	38				•								
80		38	10	35				•								
81		1420	14	32				•								
82		780	12	58				•								
83		96	10	40				•								
84		66	11	58				•								
85		40	8	42				•								
86		17	7	36				•								
87		48	10	43				•								
88		98	4	32				•								
89		no sample						•								
90		91	8	48				•								
91		138	7	43				•								
EI-192		39	10	46				•								





PROJECT No.: **Ecstall**

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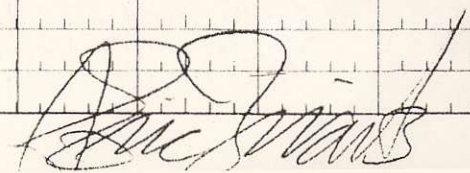
DATE: **July 23**

ATTENTION: **J. Brock**

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2  
PHONE (604) 980-5814

**1981.**

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb				
6	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	
81	86	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160
E-193		22	12	42				•								
94		48	10	46				•								
95		28	12	39				•								
96		13	9	32				•								
97		26	10	43				•								
98		20	9	40				•								
E-199		28	12	73				•								
E-231		20	23	39				•								
32		27	20	71				•								
33		44	12	20				•								
34		152	90	390				•								
35		86	108	104				•								
36		20	40	153				•								
37		10	54	106				•								
38		780	318	6160				•								
39		63	28	108				•								
40		42	20	123				•								
41		79	24	86				•								
42		89	26	99				•								
43		187	20	70				•								
44		43	20	78				•								
45		97	26	92				•								
46		60	24	64				•								
47		82	16	93				•								
48		62	19	75				•								
49		39	13	33				•								
50		29	16	40				•								
51		77	38	118				•								
E-252		58	20	58				•								





PROJECT No.: Ecstall

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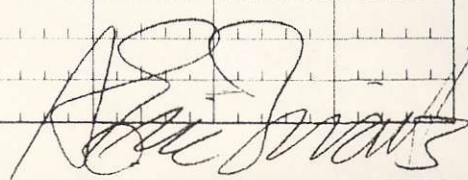
DATE: July 23

ATTENTION: J. Brock

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2  
PHONE (604) 980-5814

198.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb				
6	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	
81	86	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160
E-253		66	19	62				•								
54		71	14	54				•								
55		20	14	58				•								
56		56	18	71				•								
57		54	19	106				•								
58		55	18	104				•								
59		46	18	70				•								
60		33	16	44				•								
61		162	107	163				•								
62		60	19	85				•								
63		166	24	158				•								
64		10	16	40				•								
65		54	18	65				•								
66		83	20	76				•								
67		80	22	94				•								
68		50	21	53				•								
69		34	16	48				•								
70		52	15	60				•								
71		24	20	95				•								
E-272		29	14	40				•								
E-298		29	16	43				•								
E-299		87	15	36				•								
E-273		31	12	31				•								
74		43	13	30				•								
75		13	15	45				•								
76		15	10	22				•								
77		13	15	40				•								
78		34	13	32				•								
79		15	13	38				•								
E-280		58	14	45				•								

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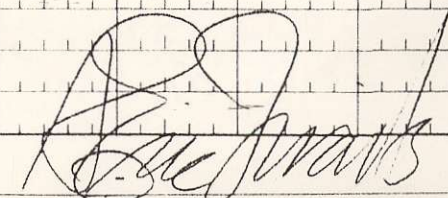
DATE: **July 23**

ATTENTION: **J. Brook**

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2  
PHONE (604) 980-5814

**1981.**

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb				
6	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	
81	86	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160
E-281		82	18	61				•								
82		26	12	39				•								
83		13	13	44				•								
84		34	13	54				•								
85		10	10	14				•								
86		38	20	68				•								
87		43	14	37				•								
88		59	21	73				•								
89		48	13	38				•								
90		43	19	72				•								
91		55	20	66				•								
92		18	16	52				•								
93		54	20	74				•								
94		53	12	42				•								
95		50	16	76				•								
96		33	18	48				•								
E-297		31	19	61				•								
E-300		6	14	23				•								
01		28	12	37				•								
02		8	14	31				•								
03		21	14	38				•								
04		22	14	34				•								
05		7	13	17				•								
06		128	22	64				•								
07		53	15	35				•								
08		26	16	58				•								
09		47	14	80				•								
10		65	18	50				•								
11		46	16	42				•								
E-312		102	18	79				•								

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COMPAN

Welcome North Mines

## GEOCHEMICAL ANALYSIS DATA SHEET

File No. 1-502

PROJECT No.: Ecstall

MIN - EN Laboratories Ltd.

DATE: July 2

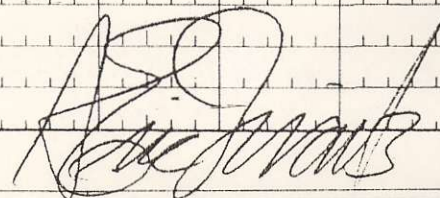
ATTENTION: J. Brock

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2  
PHONE (604) 980-5814

1981.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	70	75	80	
81	86	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160
E-313		112	12	50				.								
14		66	13	34				.								
15		54	10	50				.								
16		21	10	20				.								
17		123	18	35				.								
18		97	12	82				.								
19		75	12	53				.								
20		78	13	38				.								
21		81	18	125				.								
22		70	14	80				.								
23		36	13	108				.								
24		56	14	192				.								
25		36	13	202				.								
26		48	10	56				.								
27		98	13	114				.								
28		70	10	106				.								
29		56	6	56				.								
30		22	4	56				.								
31		27	20	58				.								
32		14	10	39				.								
33		66	20	68				.								
34		36	12	84				.								
35		35	11	59				.								
36		33	19	235				.								
37		33	10	83				.								
38		24	10	61				.								
39		62	7	101				.								
40		75	12	88				.								
41		17	12	56				.								
E-342		20	4	32				.								

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## GEOCHEMICAL ANALYSIS DATA SHEET

No. 1-502

PROJECT No.: Ecstall

MIN - EN Laboratories Ltd.

DATE: July 23

ATTENTION: J. Brock

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2  
PHONE (604) 980-5814

1981.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb			
6	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80
81	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160
E-343		11	10	28			.								
44		51	12	34			.								
45		17	7	42			.								
46		26	13	32			.								
47		22	10	38			.								
48		30	14	56			.								
49		88	56	105			.								
50		65	14	53			.								
51		87	15	89			.								
52		49	12	49			.								
53		31	12	53			.								
54		99	14	158			.								
55		36	9	44			.								
56		54	14	58			.								
57		52	14	54			.								
58		12	8	31			.								
59		7	8	18			.								
60		43	12	33			.								
61		19	12	30			.								
62		37	7	48			.								
63		24	10	33			.								
64		20	8	33			.								
65		27	13	45			.								
66		28	10	38			.								
67		80	9	35			.								
68		24	9	29			.								
69		21	10	36			.								
70		25	12	31			.								
71		18	12	35			.								
E-372		21	13	37			.								

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Welcome North Mines

## GEOCHEMICAL ANALYSIS DATA SHEET

FILE No. 1-502

PROJECT No.: Ecstall

MIN - EN Laboratories Ltd.

DATE: July 23

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2  
PHONE (604) 980-5814

1981.

ATTENTION: J. Brock

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb				
81	86	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160
E-373		16	12	38												
74		26	12	36												
75		30	6	30												
76		20	12	32												
77		14	8	22												
78		12	10	24												
79		20	12	41												
80		15	13	52												
81		16	12	53												
82		10	8	16												
83		14	13	51												
84		10	13	53												
85		12	12	44												
86		13	11	52												
87		14	10	50												
88		16	7	50												
89		5	8	33												
E-390		17	8	34												
E-400		63	12	61												
01		19	4	30												
02		37	4	51												
03		18	5	32												
04		14	8	27												
05		31	10	43												
06		32	4	44												
07		118	16	91												
09		26	15	51												
10		20	4	35												
11		25	12	59												
E-412		2	6	15												

(20 mesh)

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