

~~925/8W~~

~~928/8~~

520269

ANDERSON

NTS 928W



CHEMEX LABS LTD.

212 BROOKSBANK AVE.
 NORTH VANCOUVER, B.C.
 CANADA V7J 2C1
 TELEPHONE: 984-0221
 AREA CODE: 604
 TELEX: 04-352597

ROCKS

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO: Welcome North Mines Ltd.
 #1027 - 470 Granville St.
 Vancouver, B.C.
 V6C 1V5

CERTIFICATE NO. 53106
 INVOICE NO. 36000
 RECEIVED May 23/80
 ANALYSED June 3/80

ATTN:

ROCKS

SAMPLE NO. :	PPM Cu	PPM Pb	PPM Zn	PPM Ag	<i>meters</i>
DDH 80 An-1 69001	192	1	66	0.1	2.41 - 3.00
69002	152	1	66	0.1	3 - 6.00
69003	164	1	76	0.1	6 - 9.00
69004	130	1	84	0.1	9 - 12.00
69005	88	1	112	0.1	12 - 15.00
69006	230	1	104	1.0	15 - 18.00
69007	62	1	100	0.1	18 - 21.00
69008	62	1	154	0.1	21 - 24.00
69009	116	1	102	0.2	24 - 27.00
69010	96	1	68	0.1	27 - 30.00
69011	108	1	480	0.1	30 - 31.7
69012	46	4	90	0.1	31.7 - 33.00
69013	66	2	235	0.1	33 - 36.00
69014	72	1	170	0.1	76.8 - 79.00
69015	80	1	132	0.1	79 - 81.00
69016	72	1	210	0.1	81 - 84.00
69017	70	1	200	0.1	84 - 87.00
69018	70	1	140	0.1	87 - 90.00
69019	64	1	94	0.1	90 - 93.00
69020	64	1	66	0.1	93 - 96.00
69021	108	1	96	0.1	96 - 99.00
69022	205	1	82	0.1	99 - 102.00
69023	166	1	40	0.1	102 - 105.00
69024	178	1	40	0.1	105 - 108.81
69026	80	2	20	0.4	36 - 39.00
69027	66	1	194	0.1	39 - 42.00
69028	82	1	260	0.1	42 - 45.00
69029	80	1	380	0.4	45 - 48.00
69030	84	1	350	0.4	48 - 51.00
69031	92	1	520	0.2	51 - 54.00
69032	82	1	485	0.2	54 - 57.00
69033	82	1	390	0.2	57 - 60.00
69034	74	1	120	0.2	60 - 63.00
69035	64	1	148	0.1	63 - 66.00
69036	72	1	370	0.1	66 - 69.00
69037	72	1	310	0.1	69 - 72.00
69038	50	1	116	0.1	72 - 74.48
DDH 80 An-1 69039	82	1	385	0.1	74.8 - 76.8

ANDERSON CORE



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CERTIFIED BY: *Hart Biddle*



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 AREA CODE: 604
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CERTIFICATE OF ANALYSIS

TO: Welcome North Mines Ltd.
 1027 - 470 Granville St.
 Vancouver, B.C.
 V6C 1V5

ATTN:

CERTIFICATE NO. 53107
 INVOICE NO. 35939
 RECEIVED May 23/80
 ANALYSED May 30/80

SAMPLE NO. :	PPM Cu	PPM Zn	PPM Ag
0+00 0+25W	106	44	0.1
0+50	22	30	0.1
1+75	22	74	0.1
1+00	24	36	0.1
1+25	20	32	0.1
1+50	42	70	0.1
1+75	42	72	0.1
2+00	56	94	0.1
2+25	52	86	0.1
2+50	70	184	0.1
2+75	44	176	0.1
3+00	120	100	0.1
3+50	36	50	0.2
3+75A	36	36	0.1
3+75B	40	76	0.1
4+00	430	52	0.1
4+25	68	48	0.1
4+50	152	44	0.1
4+75	116	42	0.2
0+00 5+00W	150	32	0.2
1+50N 0+25W	18	26	0.1
0+50	14	88	0.1
0+75	16	48	0.1
1+00	22	46	0.1
1+25	72	60	0.2
1+50	14	56	0.1
1+75	48	60	0.1
2+00	32	66	0.1
2+25	20	80	0.1
2+50	108	56	0.1
2+75	1100	66	0.6
3+00	44	66	0.1
3+25	34	64	0.1
3+50	255	68	0.1
3+75	220	52	0.1
4+00	58	48	0.2
4+25	38	74	0.2
4+50	40	42	0.1
4+75	1050	48	0.2
1+50N 5+00W	245	48	0.1

ANDERSON GEOCHEM

Not Plotted



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CERTIFICATE OF ANALYSIS

TO: Welcome North Mines Ltd.
 1027 - 470 Granville St.
 Vancouver, B.C.
 V6C 1V5

ATTN:

CERTIFICATE NO. 53108
 INVOICE NO. 35939
 RECEIVED May 23/80
 ANALYSED May 30/80

SAMPLE NO. :	PPM Cu	PPM Zn	PPM Ag
1+50S 0+00W	62	38	0.1
0+25	66	52	0.1
0+50	80	130	0.1
0+75	68	72	0.1
1+00	60	82	0.1
1+25	40	60	0.1
1+50	38	52	0.1
1+75	50	58	0.1
2+00	30	54	0.1
2+25	34	54	0.1
2+50	36	88	0.1
2+75	880	200	0.6
3+00	58	176	0.1
3+25	104	124	0.1
3+50	1400	58	0.8
3+75	205	64	0.4
4+00	60	56	0.2
4+25	46	60	0.2
4+50	62	74	0.1
4+75	54	110	0.1
1+50S 5+00W	62	66	0.1
3+00N 0+00W	18	58	0.1
0+25	14	114	0.1
0+50	34	66	0.1
0+75	12	36	0.1
1+00	12	52	0.1
1+25	22	76	0.1
1+50	30	68	0.1
1+75	28	56	0.1
2+00	40	44	0.1
2+25	385	52	0.1
2+50	20	50	0.2
2+75	52	60	0.1
3+00	52	50	0.1
3+25	16	26	0.1
3+50	32	52	0.1
3+75	52	70	0.1
4+00	46	60	0.1
4+25	300	42	0.1
3+00N 4+50W	120	40	0.1



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TO: Welcome North Mines Ltd.
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CERTIFICATE NO. 53109
 INVOICE NO. 35939
 RECEIVED May 23/80
 ANALYSED May 30/80

ATTN:

SAMPLE NO. :	PPM	PPM	PPM
	Cu	Zn	Ag
3+00N 4+75W	180 ✓	38 ✓	0.1 ✓
3+00N 5+00W	132 ✓	32 ✓	0.1 ✓
3+00S 0+00W	94 ✓	96 ✓	0.1 ✓
0+25	78 ✓	110 ✓	0.1 ✓
0+50	86 ✓	78 ✓	0.1 ✓
0+75	84 ✓	78 ✓	0.1 ✓
1+00	88 ✓	82 ✓	0.2 ✓
1+25	78 ✓	86 ✓	0.1 ✓
1+50	84 ✓	76 ✓	0.1 ✓
1+75	80 ✓	88 ✓	0.1 ✓
2+00	88 ✓	74 ✓	0.1 ✓
2+25	62 ✓	92 ✓	0.2 ✓
2+50	40 ✓	80 ✓	0.1 ✓
2+75	40 ✓	58 ✓	0.1 ✓
3+00	50 ✓	48 ✓	0.1 ✓
3+25	56 ✓	94 ✓	0.1 ✓
3+50	32 ✓	230 ✓	0.1 ✓
3+75	50 ✓	220 ✓	0.1 ✓
4+00	36 ✓	192 ✓	0.1 ✓
4+25	40 ✓	130 ✓	0.2 ✓
4+50	38 ✓	80 ✓	0.1 ✓
4+75	34 ✓	56 ✓	0.1 ✓
3+00S 5+00W	52 ✓	54 ✓	0.1 ✓



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CERTIFICATE OF ANALYSIS

TO: Esperanza Explorations
 1027 - 470 Granville St.
 Vancouver, B.C.
 V6C 1V5

ATTN:

CC: R. Holland

CERTIFICATE NO. 53194
 INVOICE NO. 36096
 RECEIVED May 28/80
 ANALYSED June 9/80

SAMPLE NO. :	PPM Cu	PPM Pb	PPM Zn	PPM Ag
1+50N 0+25E	94 ✓	1	20 ✓	0.1 ✓
0+50	10 ✓	1	4 ✓	0.1 ✓
1+00	16 ✓	2	74 ✓	0.1 ✓
1+25	20 ✓	2	106 ✓	0.1 ✓
1+50E	104 ✓	1	22 ✓	0.1 ✓
1+50N 0+00W	58 ✓	1	8	0.2 ✓
2L 1+50N 0+25W	52 ✓	1	38	0.1
0+50	12 ✓	1	30	0.1
0+75	10 ✓	2	20	0.2
1+00	8 ✓	1	22	0.1
1+25	70 ✓	2	30	0.1
1+50	30 ✓	1	46	0.2
1+75	16 ✓	1	112	0.2
2+00	14 ✓	1	30	0.2
2+25	150 ✓	2	44	0.1
2+50	22 ✓	1	44	0.1
2L 1+50N 2+75W	30 ✓	2	76	0.1
2L 1+25N 3+00W	44 ✓	1	56	0.1
2L 1+50N 3+25W	48 ✓	2	58	0.1
3+50	44 ✓	1	50	0.1
3+75	24 ✓	2	48	0.1
4+00	34 ✓	1	56	0.1
4+25	138 ✓	1	44	0.2
4+50	28 ✓	1	34	0.1
4+75	106 ✓	2	44	0.1
5+00	300 ✓	2	46	0.1
5+25	290 ✓	1	32	0.1
5+50	220 ✓	1	28	0.1
5+75	470 ✓	1	24	0.1
6+00	172 ✓	1	26	0.1
6+25	76 ✓	2	20	0.1
6+50	82 ✓	2	28	0.1
6+75	220 ✓	1	30	0.1
2L 1+50N 7+00W	375 ✓	2	32	0.1
3+00N 0+25E	40 ✓	2	94 ✓	0.1 ✓
0+50	32 ✓	2	100 ✓	0.1 ✓
0+75	445 ✓	1	76 ✓	0.8 ✓
1+25	104 ✓	1	42 ✓	0.1 ✓
3+00N 1+50E	80 ✓	2	34 ✓	0.1 ✓
3+00S 5+25W	60 ✓	1	60 ✓	0.1 ✓

Plotted



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CERTIFICATE OF ANALYSIS

TO: Esperanza Explorations
 1027 - 470 Granville St.
 Vancouver, B.C.
 V6C 1V5

CERTIFICATE NO. 53195
 INVOICE NO. 36096
 RECEIVED May 28/80
 ANALYSED June 9/80

ATTN: CC: R. Holland

SAMPLE NO. :	PPM Cu	PPM Pb	PPM Zn	PPM Ag
3+00S 5+50W	64	1	58	0.2
5+75	52	2	66	0.2
6+00	54	1	70	0.1
6+25	48	1	50	0.1
6+50	98	1	36	0.1
3+00S 6+75W	1600	1	42	0.2
4+50N 0+25E	28	2	74	0.1
0+50	26	1	44	0.1
0+75	22	2	86	0.1
1+50	28	2	72	0.1
2+25	134	1	88	0.1
2+75E	32	2	36	0.1
0+00W	16	2	50	0.1
0+25	14	2	72	0.1
0+50	14	1	68	0.1
0+75	14	2	84	0.1
1+00	12	1	46	0.1
1+25	16	2	72	0.1
1+50	12	1	54	0.1
1+75	12	1	64	0.1
2+00	24	2	84	0.1
2+25	22	10	76	0.1
2+50	22	2	86	0.1
2+75	20	1	50	0.1
3+00	26	2	48	0.2
3+27	66	1	24	0.1
3+50	60	1	26	0.1
3+78	80	2	28	0.1
4+00	40	2	26	0.1
4+25	1100	2	28	0.1
Road 4+50	46	2	32	0.1
Uphill from road 4+56	24	2	46	0.1
4+75	54	2	136	0.1
4+50N 5+00W	280	2	48	0.1
4+50S 1+00E	42	1	100	0.1
1+25E	20	2	106	0.1
0+00W	156	4	162	0.2
0+25	470	2	42	0.1
0+50	116	4	52	0.1
4+50S 0+75W	104	2	76	0.1



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CERTIFICATE OF ANALYSIS

TO: Esperanza Explorations
 1027 - 470 Granville St.
 Vancouver, B.C.
 V6C 1V5

ATTN: CC: R. Holland

CERTIFICATE NO. 53196
 INVOICE NO. 36096
 RECEIVED May 28/80
 ANALYSED June 9/80

SAMPLE NO. :	PPM Cu	PPM Pb	PPM Zn	PPM Ag
4+50S 1+00W	96✓	2	38✓	0.1✓
1+25	194✓	4	60✓	0.1✓
1+50	90✓	2	72✓	0.1✓
1+75	112✓	4	84✓	0.1✓
2+00	92✓	4	84✓	0.2✓
2+25	78✓	2	70✓	0.1✓
2+50	102✓	2	70✓	0.1✓
2+75	54✓	1	92✓	0.1✓
3+25	74✓	2	136✓	0.2✓
3+50	134✓	4	132✓	0.1✓
3+75	64✓	2	118✓	0.1✓
4+00	56✓	1	128✓	0.1✓
4+25	58✓	1	154✓	0.2✓
4+50	62✓	1	136✓	0.2✓
4+75	46✓	1	166✓	0.1✓
5+00	38✓	2	110✓	0.1✓
5+25	38✓	1	58✓	0.1✓
5+50	62✓	1	46✓	0.1✓
5+75	32✓	1	52✓	0.1✓
6+25	96✓	1	66✓	0.1✓
6+50	170✓	1	60✓	0.2✓
6+75	88✓	2	58✓	0.1✓
4+50S 7+00W	74✓	1	42✓	0.1✓
6+00N 0+50E	18✓	2	56✓	0.1✓
0+75	16✓	1	66✓	0.2✓
1+00	18✓	2	40✓	0.1✓
1+25	26✓	2	62✓	0.1✓
1+50	20✓	1	56✓	0.1✓
1+75	38✓	2	38✓	0.1✓
2+00	80✓	2	40✓	0.1✓
2+25	220✓	2	220✓	0.1✓
2+50	1200✓	1	38✓	0.1✓
3+00	66✓	2	52✓	0.1✓
3+25	64✓	4	54✓	0.1✓
3+50	26✓	2	16✓	0.1✓
3+75E	138✓	2	38✓	0.1✓
0+00W	16✓	2	54✓	0.1✓
Where I Hit 0+00W	12✓	2	36✓	0.1✓
0+25	10✓	2	38✓	0.1✓
6+00N 0+50W	12✓	2	42✓	0.1✓



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CERTIFICATE OF ANALYSIS

TO: Esperanza Explorations
 1027 - 470 Granville St.
 Vancouver, B.C.
 V6C 1V5

ATTN: CC: R. Holland

CERTIFICATE NO. 53197
 INVOICE NO. 36096
 RECEIVED May 28/80
 ANALYSED June 9/80

SAMPLE NO. :	PPM Cu	PPM Pb	PPM Zn	PPM Ag
6+00N 0+74W	16 ✓	2	56 ✓	0.1 ✓
1+00	18 ✓	1	66 ✓	0.1 ✓
1+25	16 ✓	1	44 ✓	0.1 ✓
1+50	12 ✓	4	56 ✓	0.1 ✓
1+75	14 ✓	2	80 ✓	0.1 ✓
2+00	106 ✓	1	82 ✓	0.1 ✓
2+25	20 ✓	2	130 ✓	0.1 ✓
2+50	16 ✓	2	74 ✓	0.1 ✓
2+75	12 ✓	2	74 ✓	0.1 ✓
3+00	24 ✓	1	86 ✓	0.2 ✓
3+25	14 ✓	2	40 ✓	0.1 ✓
3+45	42 ✓	1	42 ✓	0.1 ✓
3+75	40 ✓	2	72 ✓	0.1 ✓
4+00	34 ✓	1	46 ✓	0.1 ✓
4+25	44 ✓	1	38 ✓	0.1 ✓
4+50	44 ✓	2	42 ✓	0.1 ✓
4+75	38 ✓	2	24 ✓	0.1 ✓
4+96	10 ✓	2	54 ✓	0.1 ✓
5+25	18 ✓	2	66 ✓	0.1 ✓
5+50	14 ✓	1	62 ✓	0.2 ✓
5+75	660 ✓	1	40 ✓	0.4 ✓
6+00	880 ✓	2	36 ✓	0.1 ✓
6+25	142 ✓	1	102 ✓	0.1 ✓
6+50	174 ✓	1	48 ✓	0.1 ✓
6+75	88 ✓	2	68 ✓	0.1 ✓
6+00N 7+00W	130 ✓	2	48 ✓	0.1 ✓
6+00S 0+25E	116 ✓	2	36 ✓	0.1 ✓
0+75E	20 ✓	1	38 ✓	0.1 ✓
0+00W	98 ✓	2	54 ✓	0.1 ✓
0+25	98 ✓	2	54 ✓	0.1 ✓
0+50	160 ✓	2	36 ✓	0.1 ✓
0+75	70 ✓	2	46 ✓	0.1 ✓
1+00	54 ✓	4	38 ✓	0.1 ✓
1+25	66 ✓	2	48 ✓	0.2 ✓
1+50	68 ✓	4	64 ✓	0.1 ✓
1+75	56 ✓	2	90 ✓	0.1 ✓
2+00	88 ✓	2	80 ✓	0.1 ✓
2+25	140 ✓	2	78 ✓	0.1 ✓
2+50	94 ✓	1	44 ✓	0.1 ✓
2+75	106 ✓	1	86 ✓	0.1 ✓
6+00S 3+00W	38 ✓	2	94 ✓	0.1 ✓



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Hart Biele



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 CANADA V7J 2C1
 TELEPHONE: 984-0221
 AREA CODE: 604
 TELEX: 04-352597

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CERTIFICATE OF ANALYSIS

TO: Esperanza Explorations
 1027 - 470 Granville St.
 Vancouver, B.C.
 ATTN: V6C 1V5

CC: R. Holland

CERTIFICATE NO. 53198
 INVOICE NO. 36096
 RECEIVED May 28/80
 ANALYSED June 9/80

SAMPLE NO. :	PPM Cu	PPM Pb	PPM Zn	PPM Ag
6+00S 3+25W	50	2	90	0.1
3+50	52	2	190	0.1
3+75	80	1	88	0.1
4+00	48	2	80	0.1
4+25	42	2	94	0.1
4+50	34	2	76	0.1
4+75	48	2	88	0.1
5+00	410	1	72	0.1
5+25	24	2	64	0.1
5+50	32	2	78	0.1
5+75	46	1	54	0.2
6+00	58	2	64	0.1
6+25	122	1	32	0.1
6+50	1050	1	34	0.1
6+75	2400	1	48	1.0
6+00S 7+00W	1850	1	62	0.4
7+50N 0+25E	20	2	56	0.1
0+50	26	2	72	0.1
0+75	30	1	36	0.1
1+00	28	2	110	0.1
1+25	20	2	34	0.1
1+50	50	2	74	0.1
1+78	230	1	42	0.1
2+00	1150	1	26	0.1
2+25	42	1	56	0.1
2+50	46	1	58	1.0
2+75	40	1	60	0.1
3+00	22	2	108	0.2
3+25	14	1	44	0.1
3+50	32	1	48	0.1
3+75	34	1	40	0.1
4+00	32	1	40	0.1
4+25	34	1	48	0.1
4+50	42	1	46	0.1
4+75	36	1	46	0.1
5+00E	32	2	46	0.1
0+02W	12	1	34	0.1
0+25	10	2	36	0.1
0+50	12	2	32	0.1
7+50N 0+75W	14	2	50	0.1



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 AREA CODE: 604
 TELEX: 04-352597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO: Esperanza Explorations
 1027 - 470 Granville St.
 Vancouver, B.C.
 V6C 1V5

ATTN: CC: R. Holland

CERTIFICATE NO. 53199
 INVOICE NO. 36096
 RECEIVED May 28/80
 ANALYSED June 9/80

SAMPLE NO. :	PPM Cu	PPM Pb	PPM Zn	PPM Ag
7+50N 1+00W	12 ✓	1	56 ✓	0.1 ✓
1+27	14 ✓	1	58 ✓	0.1 ✓
1+50	38 ✓	1	48 ✓	0.1 ✓
1+75	230 ✓	2	36 ✓	0.1 ✓
2+00	44 ✓	1	36 ✓	0.1 ✓
2+25	28 ✓	1	40 ✓	0.1 ✓
2+50	48 ✓	2	88 ✓	0.1 ✓
2+80	38 ✓	1	96 ✓	0.1 ✓
3+00	20 ✓	2	38 ✓	0.1 ✓
3+25	54 ✓	2	72 ✓	0.1 ✓
3+50	102 ✓	1	64 ✓	0.1 ✓
3+75	104 ✓	1	34 ✓	0.1 ✓
4+00	275 ✓	2	42 ✓	0.1 ✓
4+25	18 ✓	1	26 ✓	0.1 ✓
4+50	8 ✓	2	22 ✓	0.1 ✓
4+75	8 ✓	4	36 ✓	0.1 ✓
5+00A	28	2	48	0.1
5+00B	30 ✓	2	56 ✓	0.1 ✓
5+25	24 ✓	2	30 ✓	0.1 ✓
5+50	34 ✓	2	32 ✓	0.1 ✓
5+75	10 ✓	2	30 ✓	0.1 ✓
6+00	10 ✓	1	36 ✓	0.1 ✓
6+25	16 ✓	2	56 ✓	0.1 ✓
6+50	12 ✓	1	30 ✓	0.1 ✓
6+75	100 ✓	1	28 ✓	0.1 ✓
7+50N 7+00W	70 ✓	2	24 ✓	0.1 ✓
9+00N 0+25E	26 ✓	1	88 ✓	0.1 ✓
0+50	64 ✓	4	48 ✓	0.1 ✓
0+75	16 ✓	2	38 ✓	0.1 ✓
1+00	18 ✓	2	74 ✓	0.1 ✓
1+25	16 ✓	4	46 ✓	0.1 ✓
1+50	120 ✓	1	76 ✓	0.1 ✓
2+00	94 ✓	2	58 ✓	0.1 ✓
2+25	62 ✓	4	46 ✓	0.1 ✓
2+50	36 ✓	1	66 ✓	0.1 ✓
2+75	46 ✓	1	72 ✓	0.2 ✓
3+00	38 ✓	1	58 ✓	0.1 ✓
3+25	44 ✓	1	44 ✓	0.1 ✓
3+50	58 ✓	1	52 ✓	0.1 ✓
9+00N 3+75E	52 ✓	2	52 ✓	0.1 ✓



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 TELEX: 04-352597

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CERTIFICATE OF ANALYSIS

TO: Esperanza Explorations
 1027 - 470 Granville St.
 Vancouver, B.C.
 V6C 1V5

ATTN: CC: R. Holland

CERTIFICATE NO. 53200
 INVOICE NO. 36096
 RECEIVED May 28/80
 ANALYSED June 9/80

SAMPLE NO. :	PPM Cu	PPM Pb	PPM Zn	PPM Ag
9+00N 4+00E	36 X	2	56 X	0.1 X
4+25	40 X	2	56 X	0.2 X
4+50	40 X	4	64 X	0.2 X
4+75	38 X	1	54 X	0.1 X
5+00E	24 X	1	56 X	0.1 X
0+00W	24 X	1	56 X	0.1 X
0+25	92 X	2	192 X	0.1 X
0+50	14 X	2	50 X	0.1 X
0+75	28 X	1	90 X	0.1 X
1+00	70 X	1	116 X	0.2 X
1+25	24 X	1	82 X	0.2 X
1+75A	24 X	4	128 X	0.1 X
1+75B	24	2	28	0.1
2+00	56 X	2	30 X	0.1 X
2+25	24 X	1	74 X	0.1 X
2+50	12 X	1	66 X	0.1 X
2+75	20 X	2	60 X	0.1 X
3+00	28 X	2	38 X	0.2 X
3+25	84 X	1	54 X	0.1 X
3+50	50 X	2	38 X	0.1 X
3+75	126 X	1	52 X	0.1 X
4+00	200 X	2	102 X	0.1 X
4+25	56 X	1	42 X	0.1 X
4+50	42 X	2	44 X	0.1 X
4+75A	22 X	2	36 X	0.1
4+75B	12	2	28	0.2 X
5+25	8 X	2	28 X	0.2 X
5+50	14 X	2	52 X	0.1 X
5+75	12 X	2	48 X	0.1 X
6+00	10 X	1	36 X	0.1 X
6+25	8 X	1	28 X	0.1 X
6+50	10 X	1	22 X	0.1 X
6+75	8 X	1	34 X	0.2 X
9+00N 7+00W	36 X	1	30 X	0.1 X
10+50N 0+25E	66 X	1	255 X	0.1 X
0+50	14 X	1	48 X	0.1 X
0+75	14 X	2	74 X	0.1 X
1+00	12 X	1	70 X	0.1 X
1+25	20 X	2	74 X	0.1 X
10+50N 1+50E	12 X	2	34 X	0.1 X

*See
gold
marked*



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CERTIFIED BY:

Hart Biele



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CERTIFICATE OF ANALYSIS

TO: Esperanza Explorations
 1027 - 470 Granville St.
 Vancouver, B.C.
 V6C 1V5

CERTIFICATE NO 53200
 INVOICE NO. 36096
 RECEIVED May 28/80
 ANALYSED June 9/80

ATTN: CC: R. Holland

SAMPLE NO	PPM Cu	PPM Pb	PPM Zn	PPM Ag
9+00N 4+00E	36 \	2	56 X	0.1 X
4+25	40 \	2	56 X	0.2 X
4+50	40 \	4	64 X	0.2 X
4+75	38 \	1	54 X	0.1 X
5+00E (Au PPB)	24 \	1	56 X	0.1 X
0+00W <10	24 \	1	56 X	0.1 X
0+25 <10	92 \	2	192 X	0.1 X
0+50 <10	14 \	2	50 X	0.1 X
0+75 <10	28 \	1	90 X	0.1 X
1+00 <10	70 \	1	116 X	0.2 X
1+25 <10	24 \	1	82 X	0.2 X
1+75A <10	24 \	4	128 X	0.1 X
1+75B <10	14	2	38	0.1
2+00 <10	56 \	2	30 X	0.1 X
2+25 <10	24 \	1	74 X	0.1 X
2+50 <10	12 \	1	66 X	0.1 X
2+75 <10	20 \	2	60 X	0.1 X
3+00 <10	28 \	2	38 X	0.2 X
3+25 <10	84 \	1	54 X	0.1 X
3+50 <10	50 \	2	38 X	0.1 X
3+75 <10	126 \	1	52 X	0.1 X
4+00 <10	200 \	2	102 X	0.1 X
4+25 <10	56 \	1	42 X	0.1 X
4+50 <10	42 \	2	44 X	0.1 X
4+75A <10	22 \	2	36 X	0.1
4+75B <10	12	2	36	0.2 X
5+25 <10	8 \	2	28 X	0.2 X
5+50 <10	14 \	2	52 X	0.1 X
5+75 <10	12 \	2	48 X	0.1 X
6+00 <10	10 \	1	36 X	0.1 X
6+25 <10	8 \	1	28 X	0.1 X
6+50 <10	10 \	1	22 X	0.1 X
6+75 <10	8 \	1	34 X	0.2 X
9+00N 7+00W <10	36 \	1	30 X	0.1 X
10+50N 0+25E	66 X	1	255 X	0.1 X
0+50	14 X	1	48 X	0.1 X
0+75	14 \	2	74 X	0.1 X
1+00	12 \	1	70 X	0.1 X
1+25	20 \	2	74 \	0.1 X
10+50N 1+50E	12 \	2	34 X	0.1 X

By Phone Apr. 7
Au (PPB)
Sent for analysis Gold. Apr. 1/81



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Hart Biddle



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 AREA CODE: 604
 TELEX: 04-352597

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CERTIFICATE OF ANALYSIS

TO: Esperanza Explorations
 1027 - 470 Granville St.
 Vancouver, B.C.

ATTN: V6C 1V5

CC: R. Holland

CERTIFICATE NO. 53201
 INVOICE NO. 36096
 RECEIVED May 28/80
 ANALYSED June 9/80

SAMPLE NO. :	PPM	PPM	PPM	PPM
	Cu	Pb	Zn	Ag
10+50N 1+75E	52 ✓	1	64 X	0.1 X
2+00	64 ✓	1	52 X	0.1 X
2+25	22 ✓	1	64 X	0.1 X
2+50	118 X	1	42 X	0.1 X
2+75	168 ✓	1	52 X	0.1 X
3+00	30 ✓	2	42 X	0.1 X
3+25	66 ✓	1	54 X	0.1 X
3+50	44 ✓	2	44 X	0.1 X
3+75	42 ✓	2	56 X	0.1 X
4+00	70 ✓	1	48 X	0.1 X
4+25	42 X	1	62 X	0.1 X
4+50	32 X	2	38 X	0.1 X
4+75	32 X	2	44 X	0.1 X
5+00E	38 X	2	44 X	0.1 X
0+00W	82 X	2	600 X	0.1 X
0+25	20 X	2	450 X	0.1 X
0+50	18 ✓	2	60 X	0.1 X
0+75	18 ✓	1	42 X	0.1 X
1+00	14 ✓	1	44 X	0.1 X
1+25	12 ✓	1	28 X	0.1 X
1+50	32 ✓	2	38 X	0.1 X
1+75	36 ✓	1	48 X	0.1 X
2+00	32 X	1	64 X	0.1 X
2+25	22 ✓	2	62 X	0.1 X
2+50	18 ✓	2	44 X	0.1 X
2+75	16 ✓	1	56 X	0.1 X
3+00	24 ✓	1	50 X	0.1 X
3+25	136 ✓	1	76 X	0.1 X
3+50	56 X	2	80 X	0.1 X
3+75	64 X	1	110 X	0.1 X
4+00	14 X	2	34 X	0.1 X
4+25	18 X	2	34 X	0.1 X
4+50	12 X	1	44 X	0.1 X
4+75	10 X	2	28 X	0.1 X
5+00	10 X	2	30 X	0.1 X
5+25	10 X	2	20 X	0.1 X
5+50	8 X	2	24 X	0.1 X
5+75	10 X	2	28 X	0.1 X
6+00	10 X	1	32 X	0.1 X
10+50N 6+25W	8 X	1	26 X	0.1 X



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Hart Biele



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AREA CODE: 604
TELEX: 04-352597

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CERTIFICATE OF ANALYSIS

TO: Esperanza Explorations
1027 - 470 Granville St.
Vancouver, B.C.

ATTN: V6C 1V5

CC: R. Holland

CERTIFICATE NO. 53202
INVOICE NO. 36096
RECEIVED May 28/80
ANALYSED June 9/80

SAMPLE NO. :	PPM	PPM	PPM	PPM
	Cu	Pb	Zn	Ag
10+50N 6+50W	8 \times	2	36 \times	0.1 \times
6+75	10 \times	2	28 \times	0.1 \times
10+50N 7+00W	8 λ	1	32 \times	0.1 \times



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CHEMEX LABS LTD.

Bob Holland

212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C.
CANADA V7J 2C1
TELEPHONE: 984-0221
AREA CODE: 604
TELEX: 04-352597

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CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 53454

TO: Esperanza Explorations Ltd.,
1027 - 470 Granville St.,
Vancouver, B.C.
V6C 1V5

INVOICE NO. 36336

RECEIVED June 10/80

ATTN: Robert Holland

CC. Kamloops, B.C.

ANALYSED June 19/80

SAMPLE NO. :	PPM Cu	PPM Pb	PPM Zn	PPM Ag
0+00N 5+25W	132 ✓	4	26 ✓	0.1 ✓
5+50	148 ✓	2	28 ✓	0.1 ✓
5+75	210 ✓	2	26 ✓	0.1 ✓
6+00	194 ✓	1	22 ✓	0.1 ✓
6+25	190 ✓	1	30 ✓	0.2 ✓
6+50	245 ✓	1	24 ✓	0.1 ✓
6+75	375 ✓	2	28 ✓	0.1 ✓
0+00N 7+00W	255 ✓	1	32 ✓	0.1 ✓
1+50S 5+25W	72 ✓	1	52 ✓	0.1 ✓
5+50	220 ✓	1	60 ✓	0.1 ✓
5+75	590 ✓	1	38 ✓	0.1 ✓
6+00	176 ✓	1	48 ✓	0.1 ✓
6+25	106 ✓	1	38 ✓	0.1 ✓
6+50	390 ✓	1	22 ✓	0.1 ✓
6+75W	210 ✓	1	36 ✓	0.1 ✓
1+50S 7+00W	295 ✓	1	26 ✓	0.2 ✓
3+00N 5+25W	250 ✓	1	24 ✓	0.1 ✓
5+50	144 ✓	1	30 ✓	0.1 ✓
5+75	270 ✓	1	32 ✓	0.1 ✓
6+00	545 ✓	1	28 ✓	0.1 ✓
6+25	340 ✓	1	30 ✓	0.1 ✓
6+50	295 ✓	1	58 ✓	0.1 ✓
6+75	400 ✓	1	58 ✓	0.1 ✓
3+00N 7+00W	790 ✓	1	56 ✓	0.2 ✓
3+00S 0+25E	76 ✓	4	90 ✓	0.1
3+00S 0+45E	82 ✓	6	82 ✓	0.2
L4+50N 3+00E	52 ✓	2	70 ✓	0.1 ✓
3+25	26 ✓	2	60 ✓	0.1 ✓
3+50	38 ✓	1	94 ✓	0.1 ✓
3+75	30 ✓	2	68 ✓	0.1 ✓
4+00	24 ✓	1	80 ✓	0.1 ✓
4+25	30 ✓	2	86 ✓	0.1 ✓
4+50	22 ✓	2	40 ✓	0.1 ✓
4+75	16 ✓	1	38 ✓	0.1 ✓
L4+50N 5+00E	24 ✓	1	76 ✓	0.1 ✓
4+50N 5+25W	156 ✓	1	60 ✓	0.1 ✓
5+30	152 ✓	1	40 ✓	0.1 ✓
5+50	425 ✓	1	54 ✓	0.1 ✓
5+75	635 ✓	1	48 ✓	0.1 ✓
6+00	24 ✓	1	46 ✓	0.1 ✓
4+50N 6+25W	64 ✓	1	38 ✓	0.2 ✓



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CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 53455

TO: Esperanza Explorations Ltd.,
 1027 - 470 Granville St.,
 Vancouver, B.C.
 V6C 1V5

INVOICE NO. 36336

RECEIVED June 10/80

ATTN: Robert Holland CC. Kamloops, B.C.

ANALYSED June 19/80

SAMPLE NO. :	PPM Cu	PPM Pb	PPM Zn	PPM Ag
4+50N 6+50W	605 ✓	4	88 ✓	0.1 ✓
6+75	330 ✓	1	62 ✓	0.1 ✓
4+50N 7+00W	138 ✓	1	52 ✓	0.1 ✓
4+50S 0+25E	64 ✓	2	58 ✓	0.1 ✓
0+50	42 ✓	2	48 ✓	0.1 ✓
4+50S 0+75E	66 ✓	2	52 ✓	0.1 ✓
6+00N 0+25E	14 ✓	2	38 ✓	0.1 ✓
6+00S 0+50E	34 ✓	2	44 ✓	0.1 ✓
6+00S 1+00E	16 ✓	1	48 ✓	0.1 ✓
7+50S 0+25E	26 ✓	1	50 ✓	0.2 ✓
0+50	14 ✓	6	74 ✓	0.1 ✓
0+75	12 ✓	2	66 ✓	0.1 ✓
1+00	16 ✓	2	82 ✓	0.1 ✓
1+25	18 ✓	1	46 ✓	0.1 ✓
1+50	16 ✓	1	68 ✓	0.1 ✓
7+50S 1+75E	118 ✓	1	58 ✓	0.1 ✓
7+50S 0+00W	20 ✓	2	46 ✓	0.1 ✓
0+25	50 ✓	2	44 ✓	0.1 ✓
0+50	34 ✓	1	44 ✓	0.1 ✓
0+75	136 ✓	2	136 ✓	0.1 ✓
1+00	40 ✓	1	66 ✓	0.1 ✓
1+25	44 ✓	4	66 ✓	0.1 ✓
1+50	58 ✓	2	59 ✓	0.1 ✓
1+75	66 ✓	1	64 ✓	0.1 ✓
2+00	58 ✓	2	78 ✓	0.1 ✓
2+25	70 ✓	6	104 ✓	0.1 ✓
2+50	86 ✓	2	86 ✓	0.1 ✓
2+75	94 ✓	1	82 ✓	0.1 ✓
3+00	74 ✓	2	84 ✓	0.1 ✓
3+25	76 ✓	1	96 ✓	0.1 ✓
3+50	72 ✓	1	112 ✓	0.1 ✓
3+75	40 ✓	2	110 ✓	0.1 ✓
4+00	58 ✓	4	104 ✓	0.1 ✓
4+25	44 ✓	2	88 ✓	0.1 ✓
4+50	46 ✓	1	90 ✓	0.1 ✓
4+75	40 ✓	2	80 ✓	0.1 ✓
5+00	26 ✓	1	64 ✓	0.1 ✓
5+25	28 ✓	1	66 ✓	0.1 ✓
5+50	24 ✓	2	66 ✓	0.1 ✓
7+50S 5+75W	20 ✓	1	74 ✓	0.1 ✓



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CERTIFIED BY:

Hart Biddle



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CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 53456

TO: Esperanza Explorations Ltd.,
 1027 - 470 Granville St.,
 Vancouver, B.C.
 V6C 1V5

INVOICE NO. 36336

RECEIVED June 10/80

ATTN: Robert Holland CC. Kamloops, B.C.

ANALYSED June 19/80

SAMPLE NO. :	PPM Cu	PPM Pb	PPM Zn	PPM Ag
7+50S 6+00N	24 ✓	1	56 ✓	0.1 ✓
6+25	58 ✓	2	54 ✓	0.1 ✓
6+50	1050 ✓	1	38 ✓	0.1 ✓
6+75	46 ✓	1	64 ✓	0.1 ✓
7+50S 7+00W	52 ✓	1	66 ✓	0.1 ✓
9+00S 0+50E	24 ✓	1	34 ✓	0.1 ✓
0+75	62 ✓	1	72 ✓	0.1 ✓
1+00	54 ✓	1	78 ✓	0.1 ✓
1+25	52 ✓	2	138 ✓	0.1 ✓
1+50	68 ✓	1	96 ✓	0.1 ✓
1+75	40 ✓	2	114 ✓	0.1 ✓
2+00	78 ✓	1	56 ✓	0.1 ✓
9+00S 2+25E	18 ✓	1	84 ✓	0.1 ✓
9+00S 0+00W	82 ✓	1	64 ✓	0.1 ✓
0+25	76 ✓	2	62 ✓	0.1 ✓
0+50	18 ✓	4	68 ✓	0.1 ✓
0+75	18 ✓	1	44 ✓	0.1 ✓
1+00	26 ✓	1	46 ✓	0.2 ✓
1+25	28 ✓	1	44 ✓	0.1 ✓
1+50	34 ✓	2	78 ✓	0.1 ✓
1+75	42 ✓	1	90 ✓	0.1 ✓
2+00	46 ✓	2	104 ✓	0.1 ✓
2+25	48 ✓	2	90 ✓	0.1 ✓
2+50	66 ✓	1	82 ✓	0.1 ✓
2+75	48 ✓	1	88 ✓	0.1 ✓
3+00	54 ✓	4	104 ✓	0.1 ✓
3+25	66 ✓	2	100 ✓	0.1 ✓
3+50	52 ✓	2	66 ✓	0.1 ✓
3+75	68 ✓	1	70 ✓	0.1 ✓
4+00	62 ✓	2	94 ✓	0.1 ✓
4+25	62 ✓	2	84 ✓	0.1 ✓
4+50	32 ✓	2	62 ✓	0.1 ✓
4+75	56 ✓	1	86 ✓	0.1 ✓
5+00	34 ✓	1	68 ✓	0.1 ✓
5+25	24 ✓	1	46 ✓	0.1 ✓
5+50	22 ✓	1	50 ✓	0.1 ✓
5+75	18 ✓	1	40 ✓	0.1 ✓
6+00	22 ✓	2	52 ✓	0.1 ✓
6+25	24 ✓	1	50 ✓	0.1 ✓
9+00S 6+50W	210 ✓	1	84 ✓	0.1 ✓



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CERTIFIED BY:

Harold Biddle



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 AREA CODE: 604
 TELEX: 04-352597

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CERTIFICATE OF ANALYSIS

TO: Esperanza Explorations Ltd.,
 1027 -470 Granville St.,
 Vancouver, B.C.
 V6C 1V5

ATTN: Robert Holland

CC. Kamloops, B.C.

CERTIFICATE NO. 53457

INVOICE NO. 36336

RECEIVED June 10/80

ANALYSED June 19/80

SAMPLE NO. :	PPM Cu	PPM Pb	PPM Zn	PPM Ag	
9+00S 6+75W	210 ✓	1	44 ✓	0.1 ✓	
9+00S 7+00W	290 ✓	1	98 ✓	0.1 ✓	
0+00W 10+75W	54	2	128	0.2	ROCK

ANALYSED 6/19/80



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 AREA CODE: 604
 TELEX: 04-352597

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CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 53578

TO: Welcome North Mines Ltd.
 1027-470 Granville St.
 Vancouver, B.C.
 V6C 1V6

INVOICE NO. 36465

RECEIVED June 16/80

ATTN:

ANALYSED June 25/80

SAMPLE NO. :	PPM	PPB
	Cu	Au
JM 10+00S 8+00E	10	<10
8+50	154	<10
9+00	16	<10
JM 10+00S 9+50E	48	<10
AN 10+50S 2+00W	90	<10
2+25	46	<10
2+50	78	<10
2+75	44	<10
3+00	46	<10
3+25	42	<10
3+50	46	<10
3+75	42	10
4+00	62	<10
4+25	54	<10
4+50	38	<10
4+75	24	<10
AN 10+50S 5+00W	28	<10
JM 12+50S 0+50E	18	<10
1+00	10	10
1+50	52	<10
2+00	116	10
2+50	96	<10
3+00	54	<10
3+50	44	<10
4+00	44	<10
4+50	42	<10
5+00	56	20
5+50	38	<10
6+00	28	10
6+50	18	<10
7+00	28	<10
7+50	16	<10
8+00	44	<10
8+50	48	<10
9+00	58	<10
12+50S 9+50E	26	<10
17+50S 0+50E	30	<10
1+00	58	<10
1+50	56	10
2+00	58	<10
JM 17+50S 2+50E	36	<10

Anderson



MEMBER
CANADIAN TESTING

CERTIFIED BY:

Hart Biddle



CHEMEX LABS LTD.

212 BROOKSBANK AVE.
 NORTH VANCOUVER, B.C.
 CANADA V7J 2C1
 TELEPHONE: 984-0221
 AREA CODE: 604
 TELEX: 04-352597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO: Welcome North Mines Ltd.
 1027 - 470 Granville Street
 Vancouver, B.C.
 V6C 1V6

CERTIFICATE NO. 53583
 INVOICE NO. 36477
 RECEIVED June 16, 1980
 ANALYSED June 26, 1980

ATTN:

SAMPLE NO. :	PPM	PPB
	Cu	Au
JM 20 + 00E 15 + 00S	24	10
15 + 50	38	<10
16 + 00	14	<10
16 + 50	26	<10
JM 20 + 00E 17 + 00S	62	<10
AN 10 + 50S 0 + 25E	14	20
0 + 50	16	<10
0 + 75	14	20
1 + 00	16	10
1 + 25	32	<10
1 + 50	30	<10
1 + 75	100	<10
AN 10 + 50S 2 + 00E	54	<10
AN 10 + 50S 0 + 00W	32	<10
0 + 25	18	<10
0 + 50	20	10
0 + 75	22	<10
1 + 00	20	10
1 + 25	20	<10
1 + 50	32	<10
AN 10 + 50S 1 + 75	30	<10
JM 10 + 00E 0 + 50S	34	<10
1 + 00	18	60
1 + 50	24	<10
2 + 00	28	<10
2 + 50	44	<10
3 + 00	46	<10
3 + 50	74	<10
4 + 00	36	<10
4 + 50	44	<10
5 + 00	30	<10
5 + 50	36	<10
6 + 00	22	<10
6 + 50	36	<10
7 + 00	22	<10
7 + 50	40	<10
8 + 00	22	<10
8 + 50	30	<10
9 + 00	32	<10
JM 10 + 00E 9 + 50S	28	<10

Anderson



MEMBER
 CANADIAN TESTING
 ASSOCIATION

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