

HARRISON LAKE
ASSAY CERTIFICATES
(HOT GROUP)

HL-88-126
HL-88-128
HL-88-130
HL-88-131
HL-88-134

Part 3
of 7

18505

GEOLOGICAL BRANCH
ASSESSMENT REPORT

18,505
Part 3 of 7

FILED



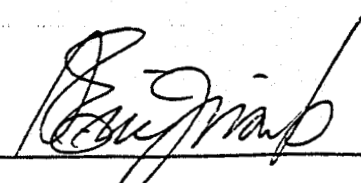
Certificate of GEOCHEM

Company: BEMA INTERNATIONAL
Project: 88 10 B6000003
Attention: B KAHLERT/R. BARCLAY/G. NORMAN

File: 8-2028/P1
Date: NOV 13/88
Type: ROCK GEOCHEM

hereby certify the following results for samples submitted.

Sample Number	AU-FIRE PPB	
526 218-220 m	3	HL-88-130 ↑ - HL-88-130 ↓
527 220-222	4	
528 222-224	19	
529 224-226	2	
530 226-227.69	1	
531 6-8	3	HL-88-131 ↓
532 8-10	6	
533 10-12	11	
534 12-14	1	
535 14-16	2	
536 16-18	4	
537 18-20	2	
538 20-22	7	
539 22-24	2100	
540 24-26	18	
541 26-28	4	
542 28-30	5	
543 30-32	11	
544 32-34	542	
545 34-36	789	
546 36-38	77	
547 38-40	21	
548 40-42	2	
549 42-44	1	
550 44-46	16	
551 46-48	2	
552 48-50	3	
553 50-52	1	
554 52-54	2	
555 54-56	4	

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Certificate of Geochem

Company: BEMA INTERNATIONAL
Project: 88 10P.D.#B1 000495
Attention: G.E. NORMAN/R. BARCLAY/B. KAHLERT

File: 8-2008/P7
Date: NOV 10/88
Type: ROCK GEOCHEM

I hereby certify the following results for samples submitted.

Sample Number	AU-FIRE PPB	
677	59-61	1
678	61-63	4
679	63-65	3
680	65-67	22
681	67-69	27
682	69-71	2
683	71-73	4
684	73-74	2
685	74-75	5
686	75-76	6
687	76-77	4
688	77-78	2
689	78-79	3
690	79-81	4
691	81-83	1
692	83-85	1
693	85-87	10
694	87-88	7
695	88-89	5
696	89-91	8
697	91-93	6
698	93-95	7
699	95-97	2
700	97-99	1
701	99-101	1
702	101-103	2
703	103-105	1
704	105-107	2
705	107-109	1
706	109-111	2

LK-88-132



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TIMMINS OFFICE:
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P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9996

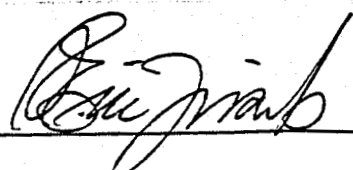
Certificate of Geochem

Company: BEMA INTERNATIONAL
Project: 88 10 B6000003
Attention: B KAHLERT/G. NORMAN/R. BARCLAY

File: 8-2028/P3
Date: NOV 13/88
Type: ROCK GEOCHEM

hereby certify the following results for samples submitted.

Sample Number	AU-FIRE PPB
586 116 - 118	17
587 118 - 120	14
588 120 - 122	2
589 122 - 124	1
590 124 - 126	14
HL-88-131 ↓	
591 126 - 128	61
592 128 - 130	3
593 130 - 132	2
594 132 - 134	4
595 134 - 136	1
596 136 - 138	2
597 138 - 140	1
598 140 - 142	23
599 142 - 144	2
600 144 - 146	2
601 146 - 148	2
602 148 - 150	3
603 150 - 152	39
604 152 - 154	4
605 154 - 156	1
606 156 - 158	2
607 158 - 160	1
608 160 - 162	3
609 162 - 164	58
610 164 - 166	2
611 166 - 168	2
612 168 - 170	1
613 170 - 172	1
614 172 - 174	3
615 174 - 176	1

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Certificate of ASSAY

Company: BEMA INTERNATIONAL
Project: 88-10 BG00004
Attention: R. BARCLAY/B. KAHLERT/G. NORMAN

File: 8-2062/P1
Date: NOV 19/88
Type: ROCK ASSAY

hereby certify the following results for samples submitted.

Sample Number	AU G/TONNE	AU OZ/TON
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622 186-190	12.80	0.373	HL-88-131	semi massive Po vein w/ sphalerite 1%
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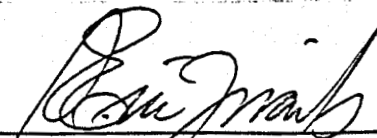
Certificate of Geochem

Company: BEMA INTERNATIONAL
Project: 88 10P.O.#B1 000495
Attention: G.E. NORMAN/R. BARCLAY/B. KAHLERT

File: 8-2008/P7
Date: NOV 10/88
Type: ROCK GEOCHEM

I hereby certify the following results for samples submitted.

Sample Number		AU-FIRE PPB	
677	59-61	1	LK-88-132 ↓
678	61-63	4	
679	63-65	3	
680	65-67	22	
681	67-69	27	
682	69-71	2	
683	71-73	4	
684	73-74	2	
685	74-75	5	
686	75-76	6	
687	76-77	4	
688	77-78	2	
689	78-79	3	
690	79-81	4	
691	81-83	1	
692	83-85	1	
693	85-87	10	
694	87-88	7	
695	88-89	5	
696	89-91	8	
697	91-93	6	
698	93-95	7	
699	95-97	2	
700	97-99	1	
701	99-101	1	
702	101-103	2	
703	103-105	1	
704	105-107	2	
705	107-109	1	
706	109-111	2	

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Certificate of Geochem

Company: BEMA INTERNATIONAL
Project: 88 10 BG000003
Attention: B KAHLERT/G. NORMAN/R. BARCLAY

File: 8-2028/P5
Date: NOV 13/88
Type: ROCK GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AU-FIRE PPB
2 752 201-203	1
2 753 203-205	2
2 754 205-207	63
2 755 207-209	2
2 756 209-211	18
2 757 211-213	2
2 758 213 - EOH	1

↑
LK-88-132

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Certificate of ASSAY

Company: BEMA INTERNATIONAL
Project: 88 10 BG000003
Attention: B KAHLERT/G. NORMAN

File: 8-2028/P1
Date: NOV 13/88
Type: ROCK ASSAY

I hereby certify the following results for samples submitted.

Sample Number		AU G/TONNE	AU OZ/TON	
539	72-24	2.27	0.066	HL-88 -131
562	68-70	5.22	0.152	HL-88 -131

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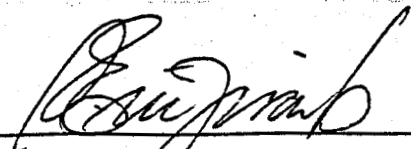
Company: BEMA INTERNATIONAL
Project: 88-10 P.O.#B1 000495
Attention: G.E. NORMAN/R. BARCLAY/B. KALHERT

File: 8-2008/P6
Date: NOV 10/88
Type: ROCK GEOCHEM

I hereby certify the following results for samples submitted.

Sample Number	AU-FIRE PPB	
647 4-6	1	LK-88-132
648 6-8	2	
649 8-10	1	
650 10-12	1	
651 12-14	3	
652 14-16	1	↓
653 16-18	1	
654 18-20	2	
655 20-22	2	
656 22-24	5	
657 24-26	5	
658 26-28	4	
659 28-30	3	
660 30-31	2	
661 31-32	6	
662 32-33	37	
663 33-35	42	
664 35-37	140	
665 37-39	3	
666 39-41	4	
667 41-43	3	
668 43-44	10	
669 44-46	7	
670 46-47	1	
671 47-49	5	
672 49-51	10	
673 51-53	9	
674 53-55	2	
675 55-57	14	
676 57-59	2	

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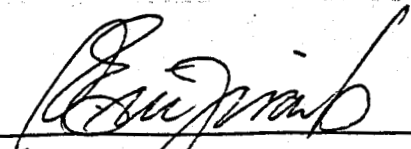
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File: 8-2008/P6
Date: NOV 10/88
Type: ROCK GEOCHEM

hereby certify the following results for samples submitted.

Sample Number	AU-FIRE PPB	
647 4-6	1	LK-88-132 ↓
648 6-8	2	
649 8-10	1	
650 10-12	1	
651 12-14	3	
652 14-16	1	
653 16-18	1	
654 18-20	2	
655 20-22	2	
656 22-24	5	
657 24-26	5	
658 26-28	4	
659 28-30	3	
660 30-31	2	
661 31-32	6	
662 32-33	37	
663 33-35	42	
664 35-37	140	
665 37-39	3	
666 39-41	4	
667 41-43	3	
668 43-44	10	
669 44-46	7	
670 46-47	1	
671 47-49	5	
672 49-51	10	
673 51-53	9	
674 53-55	2	
675 55-57	14	
676 57-59	2	

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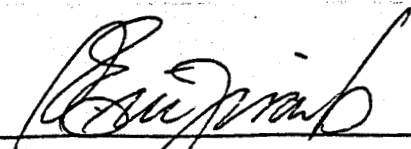
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File: 8-2008/P6
Date: NOV 10/88
Type: ROCK GEOCHEM

I hereby certify the following results for samples submitted.

Sample Number	AU-FIRE PPB	
647 4-6	1	LK-88-132 ↓
648 6-8	2	
649 8-10	1	
650 10-12	1	
651 12-14	3	
652 14-16	1	
653 16-18	1	
654 18-20	2	
655 20-22	2	
656 22-24	5	
657 24-26	5	
658 26-28	4	
659 28-30	3	
660 30-31	2	
661 31-32	6	
662 32-33	37	
663 33-35	42	
664 35-37	140	
665 37-39	3	
666 39-41	4	
667 41-43	3	
668 43-44	10	
669 44-46	7	
670 46-47	1	
671 47-49	5	
672 49-51	10	
673 51-53	9	
674 53-55	2	
675 55-57	14	
676 57-59	2	

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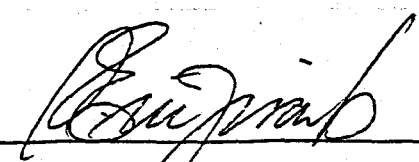
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Attention: G.E. NORMAN/R. BARCLAY/B. KALHERT

File: 8-2008/P6
Date: NOV 10/88
Type: ROCK GEOCHEM

I hereby certify the following results for samples submitted.

Sample Number	AU-FIRE PPB	
2 647 4-6	1	LK-88-132 ↓
2 648 6-8	2	
2 649 8-10	1	
2 650 10-12	1	
2 651 12-14	3	
2 652 14-16	1	
2 653 16-18	1	
2 654 18-20	2	
2 655 20-22	2	
2 656 22-24	5	
2 657 24-26	5	
2 658 26-28	4	
2 659 28-30	3	
2 660 30-31	2	
2 661 31-32	6	
2 662 32-33	37	
2 663 33-35	42	
2 664 35-37	140	
2 665 37-39	3	
2 666 39-41	4	
2 667 41-43	3	
2 668 43-44	10	
2 669 44-46	7	
2 670 46-47	1	
2 671 47-49	5	
2 672 49-51	10	
2 673 51-53	9	
2 674 53-55	2	
2 675 55-57	14	
2 676 57-59	2	

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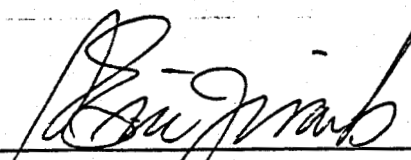
Company: BEMA INTERNATIONAL
Project: 88 10P.O.#B1 000495
Attention: G.E. NORMAN/R. BARCLAY/B. KAHLERT

File: 8-2008/P8
Date: NOV 10/88
Type: ROCK GEOCHEM

hereby certify the following results for samples submitted.

Sample Number	AU-FIRE	PPB
707	111-113	8
708	113-115	2
709	115-117	1
710	117-119	2
711	119-121	5
<hr/>		
712	121-123	1
713	123-125	2
714	125-127	3
715	127-129	1
716	129-131	4
<hr/>		
717	131-133	2
718	133-135	6
719	135-137	3
720	137-139	7
721	139-141	2
<hr/>		
722	141-143	1
723	143-145	4
724	145-147	5
725	147-149	2
726	149-151	3
<hr/>		
727	151-153	2
728	153-155	4

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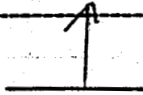
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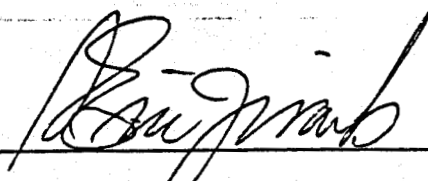
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File: 8-2008/P8
Date: NOV 10/88
Type: ROCK GEOCHEM

hereby certify the following results for samples submitted.

Sample Number	AU-FIRE PPB	
707	111-113	8
708	113-115	2
709	115-117	1
710	117-119	2
711	119-121	5
712	121-123	1
713	123-125	2
714	125-127	3
715	127-129	1
716	129-131	4
717	131-133	2
718	133-135	6
719	135-137	3
720	137-139	7
721	139-141	2
722	141-143	1
723	143-145	4
724	145-147	5
725	147-149	2
726	149-151	3
727	151-153	2
728	153-155	4

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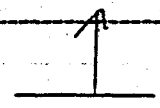
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File: 8-2008/P8
Date: NOV 10/88
Type: ROCK GEOCHEM

hereby certify the following results for samples submitted.

Sample Number	Sample ID	AU-FIRE PPB
707	111-113	8
708	113-115	2
709	115-117	1
710	117-119	2
711	119-121	5
712	121-123	1
713	123-125	2
714	125-127	3
715	127-129	1
716	129-131	4
717	131-133	2
718	133-135	6
719	135-137	3
720	137-139	7
721	139-141	2
722	141-143	1
723	143-145	4
724	145-147	5
725	147-149	2
726	149-151	3
727	151-153	2
728	153-155	4

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VANCOUVER, B.C. CANADA V7M 1T2
PHONE (604) 980-5814 OR (604) 988-4524
FAX (604) 980-9621

TIMMINS OFFICE:
33 EAST IROQUOIS ROAD
P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 284-9996

Certificate of Geochem

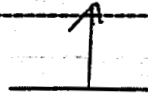
Company: BEMA INTERNATIONAL
Project: 88 10P.O.#B1 000495
Attention: G. E. NORMAN/R. BARCLAY/B. KAHLERT

File: 8-2008/P8
Date: NOV 10/88
Type: ROCK GEOCHEM

hereby certify the following results for samples submitted.

Sample Number		AU-FIRE PPB
707	111-113	8
708	113-115	2
709	115-117	1
710	117-119	2
711	119-121	5
712	121-123	1
713	123-125	2
714	125-127	3
715	127-129	1
716	129-131	4
717	131-133	2
718	133-135	6
719	135-137	3
720	137-139	7
721	139-141	2
722	141-143	1
723	143-145	4
724	145-147	5
725	147-149	2
726	149-151	3
727	151-153	2
728	153-155	4

LK-88 - 132



Certified by

MIN-EN LABORATORIES LTD.

COMPANY: BEMA INTERNATIONAL
 PROJECT NO: 8810 91000495

MIN-EN LABS ICP REPORT

ML 88-132

(ACT: F31) PAGE 1 OF 1
 FILE NO: 9-2008/P6 7 9
 DATE: NOVEMBER 10, 1998

705 WEST 5TH ST., NORTH VANCOUVER, B.C. V7M 1T2

ATTENTION: G. NORMAN R. BARCLAY B. KAHLERT

(604) 980-5814 OR (604) 988-4524

* TYPE: GEECHER *

(PPM)	42647	42655	42663	42671	42679	42687	42695	42703	42711	42719	42727
AG	1.3	1.0	.3	1.5	.5	.9	.5	1.0	.9	1.0	.9
AL	11800	12920	20530	8300	30500	27290	30890	35240	43480	35650	33510
AS	5	132	19	10	14	2	15	1	15	1	3
B	4	4	6	2	9	10	9	11	15	11	11
BA	288	317	509	65	183	165	107	117	88	299	198
BE	1.1	1.2	2.0	1.2	1.4	1.5	1.3	1.1	1.0	1.2	1.3
BI	11	11	7	7	8	8	8	8	12	13	10
CA	4010	7710	10550	3850	19240	23080	14500	20270	31790	19720	18860
CD	4.0	4.5	1.7	3.5	2.5	.8	1.6	.6	2.3	1.9	2.2
CO	19	22	14	11	21	18	17	18	18	16	15
CU	55	75	156	27	134	108	86	81	39	14	24
FE	28370	36460	98320	30140	44040	40660	44880	31450	30690	27830	30270
K	5720	5560	6230	3360	4340	3310	3120	2560	2240	5310	4210
LI	13	12	12	9	11	12	16	11	14	12	13
MG	7400	10580	8940	6480	11920	11800	16150	9160	13200	10890	11820
MN	251	513	508	269	353	401	349	251	433	433	446
MO	4	3	17	8	3	3	4	6	3	4	4
NA	780	610	650	790	2740	2420	2270	4190	3380	3760	2500
NI	8	5	13	13	11	11	3	8	14	4	6
P	770	870	3330	540	1990	750	820	920	800	700	690
PB	12	9	18	14	14	21	13	12	13	17	18
SB	1	1	3	1	1	2	1	3	2	1	1
SR	9	6	3	7	34	44	31	60	65	58	46
TH	1	1	1	1	1	1	1	1	1	1	1
U	1	1	1	1	1	1	1	1	1	1	2
V	102.7	120.5	213.4	66.0	128.0	89.0	135.6	78.5	146.4	92.2	96.0
ZN	46	47	63	61	19	35	24	20	22	33	36
GA	3	3	1	4	1	1	2	3	1	2	1
SN	2	2	1	1	1	2	2	1	2	2	3
W	3	2	1	6	2	2	2	2	1	1	3
CR	71	56	84	122	80	98	77	79	92	98	98

4-6m 20-22 33-35 47-49 63-65 76-77 88-89 103-105 119-121 135-137 157-153

(PPM)	42647	42655	42663	42671	42679	42687	42695	42703	42711	42719	42727
AG	1.3	1.0	.3	1.5	.5	.9	.5	1.0	.3	1.0	.9
AL	11800	12920	20530	8300	30500	27290	30890	35240	43480	35650	33510
AS	5	132	19	10	14	2	15	1	15	1	3
B	4	4	6	2	9	10	9	11	15	11	11
BA	288	317	509	65	183	165	107	117	88	299	198
BE	1.1	1.2	2.0	1.2	1.4	1.5	1.3	1.1	1.0	1.2	1.3
BI	11	11	7	7	8	8	8	8	12	13	10
CA	4010	7710	10550	3850	19240	23080	14500	20270	31790	19720	18860
CD	4.0	4.5	1.7	3.5	2.5	.8	1.6	.6	2.3	1.9	2.2
CO	19	22	14	11	21	18	17	18	18	16	15
CU	55	75	156	27	134	108	86	81	39	14	24
FE	28370	36460	98320	30140	44040	40660	44880	31450	30690	27830	30270
K	5720	5560	6230	3360	4340	3310	3120	2560	2240	5310	4210
LI	13	12	12	9	11	12	16	11	14	12	13
MG	7400	10580	8940	6480	11920	11800	16150	9160	13200	10890	11820
MN	251	513	508	269	353	401	349	251	433	433	446
MO	4	3	17	8	3	3	4	6	3	4	4
NA	780	610	650	790	2740	2420	2270	4190	3380	3760	2500
NI	8	5	13	13	11	11	3	8	14	4	6
P	770	870	3330	540	1990	750	820	920	800	700	690
PB	12	9	18	14	14	21	13	12	13	17	18
SB	1	1	3	1	1	2	1	3	2	1	1
SR	9	6	3	7	34	44	31	60	65	58	46
TH	1	1	1	1	1	1	1	1	1	1	1
U	1	1	1	1	1	1	1	1	1	1	2
V	102.7	120.5	213.4	66.0	128.0	89.0	135.6	78.5	146.4	92.2	96.0
ZN	46	47	63	61	19	35	24	20	22	33	36
GA	3	3	1	4	1	1	2	3	1	2	1
SN	2	2	1	1	1	2	2	1	2	2	3
W	3	2	1	6	2	2	2	2	1	1	3
CR	71	56	84	122	80	98	77	79	92	98	98

4-6m 20-22 33-35 47-49 63-65 76-77 88-89 103-105 119-121 135-137 157-153

COMPANY: BEMA INTERNATIONAL
 PROJECT NO: 8810 91000495

MIN-EN LABS ICP REPORT **ML 88-132**

(ACT: F31) PAGE 1 OF 1
 FILE NO: 9-2008/76 7 9
 DATE: NOVEMBER 10, 1998

ATTENTION: G. NGRMAN R. BARCLAY B. KAHLERT

705 WEST 5TH ST., NORTH VANCOUVER, B.C. V7M 1T2

(604) 980-5814 OR (604) 988-4524

TYPE

GEOCHEM

(PPM)	42647	42655	42663	42671	42679	42687	42695	42703	42711	42719	42727
AG	1.3	1.0	.3	1.5	.5	.9	.5	1.0	.8	1.0	.9
AL	11800	12920	20530	8300	30500	27290	30890	35240	43480	35650	33510
AS	5	132	19	10	14	2	15	1	15	1	3
B	4	4	6	2	9	10	9	11	15	11	11
BA	288	317	509	65	183	165	107	117	88	299	198
BE	1.1	1.2	2.0	1.2	1.4	1.5	1.3	1.1	1.0	1.2	1.3
BI	11	11	7	7	8	8	8	8	12	13	10
CA	4010	7710	10550	3850	19240	23080	14500	20270	31790	19720	18860
CD	4.0	4.5	1.7	3.5	2.5	.8	1.6	.6	2.3	1.9	2.2
CO	19	22	14	11	21	18	17	18	18	16	15
CU	55	75	156	27	134	108	86	81	39	14	24
FE	28370	36460	98320	30140	44040	40660	44880	31450	30670	27830	30270
K	5720	5560	6230	3360	4340	3310	3120	2560	2240	5310	4210
LI	13	12	12	9	11	12	16	11	14	12	13
MG	7400	10580	8940	6480	11920	11800	16150	9160	13200	10890	11820
MN	251	513	508	269	353	401	349	251	433	433	446
MO	4	3	17	8	3	3	4	6	3	4	4
NA	780	610	650	790	2740	2420	2270	4190	3380	3760	2500
NI	8	5	13	13	11	11	3	8	14	4	6
P	770	870	3330	540	1990	750	820	920	800	700	690
PB	12	9	18	14	14	21	13	12	13	17	18
SB	1	1	3	1	1	2	1	3	2	1	1
SR	9	6	3	7	34	44	31	60	65	58	46
TH	1	1	1	1	1	1	1	1	1	1	1
U	1	1	1	1	1	1	1	1	1	1	2
V	102.7	120.5	213.4	66.0	128.0	89.0	135.6	78.5	146.4	92.2	96.0
ZN	46	47	63	61	19	35	24	20	22	33	36
GA	3	3	1	4	1	1	2	3	1	2	1
SN	2	2	1	1	1	2	2	1	2	2	3
W	3	2	1	6	2	2	2	2	1	1	3
CR	71	56	84	122	80	98	77	79	92	98	98

4-6m 20-22 33-35 47-49 63-65 76-77 88-89 103-105 119-121 135-137 157-153

PROJECT NO: 8810 81000495

705 WEST 5TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 8-2008/PA 7 B

ATTENTION: G. NORMAN R. BARCLAY B. KAHLETT

(604) 980-5814 OR (604) 988-4524

* TYPE

GECCHEM *

DATE: NOVEMBER 10, 1988

(PPM)	42647	42655	42663	42671	42679	42687	42695	42703	42711	42719	42727
AG	1.3	1.0	.3	1.2	.5	.9	.5	1.0	.9	1.0	.9
AL	11800	12920	20530	8300	30500	27290	30890	35240	43480	35650	33510
AS	5	132	19	10	14	2	15	1	15	1	3
B	4	4	6	2	9	10	9	11	15	11	11
BA	288	317	509	65	183	165	107	117	88	299	198

BE	1.1	1.2	2.0	1.2	1.4	1.5	1.3	1.1	1.0	1.2	1.3
BI	11	11	7	7	8	8	8	8	12	13	10
CA	4010	7710	10550	3850	19240	23080	14500	20270	31790	19720	18860
CD	4.0	4.5	1.7	3.5	2.5	.8	1.6	.6	2.3	1.9	2.2
CO	19	22	14	11	21	18	17	18	18	16	15

CU	55	75	156	27	134	108	86	81	39	14	24
FE	28370	36460	98320	30140	44040	40660	44880	31450	30690	27830	30270
K	5720	5560	6230	3360	4340	3310	3120	2560	2240	5310	4210
LI	13	12	12	9	11	12	16	11	14	12	13
MG	7400	10580	8940	6480	11920	11800	16150	9160	13200	10890	11820

MN	251	513	508	269	353	401	349	251	433	433	446
MO	4	3	17	8	3	3	4	6	3	4	4
NA	780	610	650	790	2740	2420	2270	4190	3380	3760	2500
NI	8	5	13	13	11	11	3	8	14	4	6
P	770	870	3330	540	1990	750	820	920	800	700	690

PB	12	9	18	14	14	21	13	12	13	17	18
SB	1	1	3	1	1	2	1	3	2	1	1
SR	9	6	3	7	34	44	31	60	65	58	46
TH	1	1	1	1	1	1	1	1	1	1	1
U	1	1	1	1	1	1	1	1	1	1	2

V	102.7	120.5	213.4	66.0	128.0	89.0	135.6	78.5	146.4	92.2	96.0
ZN	46	47	63	61	19	35	24	20	22	33	36
GA	3	3	1	4	1	1	2	3	1	2	1
SN	2	2	1	1	1	2	2	1	2	2	3
W	3	2	1	6	2	2	2	2	1	1	3
CR	71	56	84	122	80	98	77	79	92	98	98

4-6m 20-22 33-35 47-49 63-65 76-77 88-89 103-105 119-121 135-137 151-153



Certificate of Geochem

Company: BEMA INTERNATIONAL
Project: 88 10 BG000003
Attention: B KAHLERT/G. NORMAN/R. BARCLAY

File: 8-2028/P4
Date: NOV 13/88
Type: ROCK GEOCHEM

hereby certify the following results for samples submitted.

Sample Number	AU-FIRE PPB
616 176 - 178	4
617 178 - 180	1
618 180 - 182	3
619 182 - 184	2
620 184 - 186	17
621 186 - 188	N/S
622 188 - 190	N/S
729 155 - 157	3
730 157 - 159	29
731 159 - 161	38
732 161 - 163	4
733 163 - 165	1
734 165 - 167	2
735 167 - 169	1
736 169 - 171	2
737 171 - 173	3
738 173 - 175	2
739 175 - 177	4
740 177 - 179	3
741 179 - 181	1
742 181 - 183	24
743 183 - 185	3
744 185 - 187	1
745 187 - 189	2
746 189 - 191	98
747 191 - 193	117
748 193 - 195	6
749 195 - 197	27
750 197 - 199	59
751 199 - 201	3

HL-88-131
LK-88-132

Certified by *R. Norman*
MIN-EN LABORATORIES LTD.



MIN-EN LABORATORIES LTD.

SPECIALISTS IN MINERAL ENVIRONMENTS
CHEMISTS • ASSAYERS • ANALYSTS • GEOCHEMISTS

VANCOUVER OFFICE:
705 WEST 15TH STREET
NORTH VANCOUVER, B.C. CANADA V7M 1T2
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FAX: VIA U.S.A. 760 1067 • FAX (604) 980-9621

TIMMINS OFFICE:
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P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9996

Certificate of Geochem

Company: BEMA INTERNATIONAL
Project: 88 10 BG000003
Attention: B. KAHLERT/G. NORMAN

File: 8-2028/P2
Date: NOV 13/88
Type: ROCK GEOCHEM

hereby certify the following results for samples submitted.

Sample Number	Sample ID	AU-FIRE PPB
556	56-58	3
557	58-60	1
558	60-62	2
559	62-64	1
560	64-66	2
HL-88-131 ↓		
561	66-68	19
562	68-70	4350
563	70-72	6
564	72-74	3
565	74-76	2
566	76-78	1
567	78-80	2
568	80-82	1
569	82-84	4
570	84-86	1
571	86-88	3
572	88-90	18
573	90-92	37
574	92-94	2
575	94-96	3
576	96-98	2
577	98-100	1
578	100-102	1
579	102-104	21
580	104-106	2
581	106-108	1
582	108-110	2
583	110-112	1
584	112-114	1
585	114-116	2

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SPECIALISTS IN MINERAL ENVIRONMENTS
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VANCOUVER OFFICE:

705 WEST 15TH STREET
VANCOUVER, B.C. CANADA V7M 1T2
PHONE (604) 980-5814 OR (604) 988-4524
TELEX: VIA U.S.A. 7601067 • FAX (604) 980-9621

TIMMINS OFFICE:

33 EAST IROQUOIS ROAD
P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9996

Certificate of GEOCHEM

Company: BEMA INTERNATIONAL
Project: 88-10 BG00004
Attention: R. BARCLAY/B. KAHLERT/G. NORMAN

File: 8-2062/P1
Date: NOV 19/88
Type: ROCK GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AU-FIRE PFB	
42 759 215-217	45	LK-88-132
42 760 217-219	8	
42 761 219-221	18	
42 762 221-223	10	
42 763 223-225	2	
42 764 225-227	2	
42 765 227-229	1	
42 766 229-230	265	
42 767 230-231	12	
42 768 231-233	1	
42 769 233-235	2	
42 770 235-237	1	
42 771 237-239	1	
42 772 239-241	2	
42 773 241-243	1	
42 774 243-245	8	
42 775 245-247	1	
42 776 247-248	207	
42 777 248-249	7	
42 778 249-251	6	
42 779 251-253	15	
42 780 253-255	1	
42 781 255-257.20	2	LK-88-132
42 782 14.63-16	1	LK-88-133
42 783 16-18	2	
42 784 18-20	1	
42 785 20-22	3	
42 786 22-24	6	
42 787 24-26	2	
42 788 26-28	1	

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MIN-EN LABORATORIES LTD.

SPECIALISTS IN MINERAL ENVIRONMENTS
CHEMISTS • ASSAYERS • ANALYSTS • GEOCHEMISTS

VANCOUVER OFFICE:
705 WEST 15TH STREET
VANCOUVER, B.C. CANADA V7M 1T2
PHONE (604) 980-5814 OR (604) 988-4524
TELEX: VIA U.S.A. 7601087 • FAX (604) 980-9621

TIMMINS OFFICE:
33 EAST IROQUOIS ROAD
P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9996

Certificate of Geochem

Company: BEMA INTERNATIONAL
Project: 88-10 B600004
Attention: R. BARCLAY/B. KAHLERT/G. NORMAN

File: 8-2062/P2
Date: NOV 19/88
Type: ROCK GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AU-FIRE PPB
42 789 28-30	4
42 790 30-32	2
42 791 32-34	2
42 792 34-36	3
42 793 36-38	2

42 794 38-40	36
42 795 40-42	1
42 796 42-44	15
42 797 44-46	6
42 798 46-48	4

42 799 48-50	62
42 800 50-52	423
42 801 52-54	7
42 802 54-56	34
45 621 186-188	557

45 622 188-190	11000
45 623 190-192	162
45 624 192-194	75
45 625 194-196	38
45 626 196-198	30

45 627 198-200	12
45 628 200-202	53
45 629 202-204	27
45 630 204-206	10
45 631 206-208	3

45 632 208-210	35
45 633 210-212	6
45 634 212-214	2
45 635 214-216	5
45 636 216-218	31

↑
LK-88-133
HL-88-131
↓

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SPECIALISTS IN MINERAL ENVIRONMENTS
CHEMISTS • ASSAYERS • ANALYSTS • GEOCHEMISTS

VANCOUVER OFFICE:
705 WEST 15TH STREET
VANCOUVER, B.C. CANADA V7M 1T2
PHONE (604) 980-5814 OR (604) 988-4524
TELEX: VIA U.S.A. 7601067 • FAX (604) 980-9621

TIMMINS OFFICE:
33 EAST IROQUOIS ROAD
P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9996

Certificate of Geochem

Company: BEMA INTERNATIONAL
Project: 88-10 BG00004
Attention: R. BARCLAY/B. KAHLERT/G. NORMAN

File: 8-2062/P3
Date: NOV 19/88
Type: ROCK GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AU-FIRE	PPB
---------------	---------	-----

45 637 218-220	37	
45 638 220-222	33	
45 639 222-224	4	
45 640 224-226	184	
45 641 226-228	11	

45 642 228-230	14	
45 643 230-232	5	
45 644 232-234	9	
45 645 234-236	2	
45 646 236-237.44	1	

↑
HL-88-131

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MIN-EN LABORATORIES LTD.

COMPANY: BEMA INTERNATIONAL

MIN-EN LABS ICP REPORT

(ACT: F31) PAGE 1 OF 3

PROJECT NO: 88 10 B5000003

700 557 5TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 8-2028/P1

ATTENTION: B. KAHLERT S. NORMAN R. BARCLAY

(604) 980-5814 OR (604) 988-4524

* TYPE: * K * GEOCHEM *

DATE: NOVEMBER 13, 1988

(VALUES IN PPM)	AG	AL	AS	B	BA	BE	BI	CA	CD	CO	CU	FE
45528 202-224	.7	22220	19	5	314	1.2	8	5430	4.5	23	99	47430 HL-88-130
45538 20-22	.7	39960	8	12	151	1.5	9	20030	2.7	19	77	44380 HL-88-13
45546 36-38	.9	41300	22	10	154	1.5	9	27070	2.7	19	61	40940
45554 52-54	.7	52190	23	15	152	1.3	9	32430	1.4	19	44	43250
45562 68-70	7.3	41610	175	13	78	1.9	6	29690	.2	21	274	66020
45570 84-86	1.6	29670	14	9	133	1.3	7	17520	3.4	13	73	32540
45578 100-102	1.7	18700	16	3	66	1.1	6	14440	2.5	10	97	26810
45586 116-118	.7	46380	24	14	90	1.2	7	29270	.9	16	90	38880
45594 132-134	.7	46220	24	14	63	1.4	9	33370	.7	17	110	44470
45602 148-150	.7	57780	22	17	80	1.7	9	38130	1.1	18	69	43180
45610 164-166	.6	56570	22	17	160	1.2	11	34930	.6	19	67	43400
45618 180-182	.7	37590	24	13	207	1.5	8	25740	1.4	21	166	58330 HL-88-131
42731 159-161	1.5	28870	273	10	142	1.5	7	22890	3.9	17	67	42400 LK-88-132
42736 169-171	1.4	32790	7	10	190	1.2	10	19570	2.8	15	30	29470
42744 185-187	.8	47320	12	15	197	1.4	11	29850	.4	19	27	36490
42752 201-203	.6	46820	56	15	123	1.5	10	35720	1.9	17	20	34220 LK-88-13

COMPANY: BEMA INTERNATIONAL

MIN-EN LABS ICP REPORT

(ACT:F31) PAGE 2 OF 3

PROJECT NO: 88 10 B6000003

700 5TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 8-2028/P1

ATTENTION: B.KAHLERT G.NORMAN R.BARCLAY

(604)980-5814 OR (604)988-4524

* TYPE

660CHEM *

DATE: NOVEMBER 13, 1988

(VALUES IN PPM)	K	LI	MG	MN	MO	NA	NI	P	PB	SP	SR	TH
45528 222-224	7590	17	20450	435	6	810	14	960	25	2	10	1
45538 20-22	4690	17	14030	521	7	3440	10	840	26	4	53	2
31 45546 36-88	4210	15	14230	627	38	3010	2	780	22	5	60	1
45554 52-54	4830	13	12280	438	4	3680	3	820	22	6	82	1
45562 68-70	2270	15	13020	475	12	2860	1	660	27	5	60	1
45570 84-86	2900	15	9170	327	6	3110	4	670	24	1	49	1
45578 100-102	1220	11	7140	214	60	2050	5	490	20	1	31	1
45586 116-118	2480	10	8860	339	13	3460	4	730	14	1	62	1
45594 132-134	1650	18	12040	452	29	3480	3	700	25	8	62	1
45602 148-150	1930	13	12560	508	9	4430	3	640	24	6	83	1
45610 164-166	4400	18	13040	553	5	4330	3	690	22	6	80	1
45618 180-182	3990	16	15160	657	6	3030	8	1540	27	4	48	2
42731 159-161	3470	17	14490	697	3	1620	6	740	24	9	37	1
42736 169-171	3740	15	12070	382	5	3070	7	680	28	1	51	2
2 42744 185-187	3850	16	12130	477	3	3840	5	740	28	1	68	1
42752 201-203	3180	15	12230	560	3	3850	6	790	20	1	72	1

COMPANY: BEMA INTERNATIONAL

MIN-EM LABS ICP REPORT

(ACT: F31) PAGE 3 OF 3

PROJECT NO: 88 10 86000003

70 89 5TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 8-2028/P1

ATTENTION: B. KAHLERT S. NORMAN R. BARCLAY

(604) 980-5814 OR (604) 988-4524

* TYPE KUR GEUCHEM *

DATE: NOVEMBER 13, 1988

150
L
131
132

(VALUES IN PPM)	U	V	ZN	GA	SN	W	CR
45528 222-224	1	175.2	80	1	2	1	96
45538 20-22	1	132.4	86	1	1	1	98
45546 36-38	1	121.5	60	1	1	1	81
45554 52-54	2	136.9	50	1	1	1	54
45562 68-70	1	130.5	76	2	3	1	74
45570 84-86	1	48.7	28	4	1	2	108
45578 100-102	1	49.2	23	5	1	3	126
45586 116-118	1	81.7	40	1	3	1	82
45594 132-134	1	99.0	37	1	1	1	102
45602 148-150	1	135.4	39	3	3	1	105
45610 164-166	1	153.3	52	3	2	1	90
45618 180-182	1	137.0	57	1	3	1	110
42731 159-161	1	96.3	53	1	1	2	97
42736 169-171	1	97.9	32	4	2	4	121
42744 185-187	1	108.0	37	1	2	1	82
42752 201-203	1	106.3	41	1	1	1	85

PROJECT NO: 88-108500004

70 WEST 7TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 8-2062/P1-3

ATTENTION: R. BARCLAY B. KAHLERT G. NORMAN

(604) 980-5814 OR (604) 988-4524

* TYPE ROCK & CHEM *

DATE: NOVEMBER 19, 1988

(PPM)	42759	42767	42775	42783	42791	42799	45625	45633	45641
AG	1.7	.8	1.3	2.7	1.4	1.6	.5	1.3	1.3
AL	36120	49050	34960	36340	28930	39160	25780	28550	21370
AS	92	26	10	36	9	14	10	24	15
B	11	15	12	13	8	10	6	8	6
BA	92	89	21	174	230	147	113	379	200
BE	.6	.7	.7	1.3	.6	.6	.7	.7	.6
BI	7	7	6	20	9	7	2	9	4
CA	22650	31550	28250	18600	15410	21120	30330	12750	6850
CD	.2	.7	2.1	.6	.4	.9	2.1	.9	1.0
CO	17	17	23	35	15	14	14	23	18
CU	36	46	25	59	63	131	173	66	56
FE	29900	39610	36570	52290	28900	28230	37360	45220	43940
K	2280	2880	660	1960	4090	3130	1130	8180	3770
LI	14	18	19	29	13	13	11	15	21
MG	11410	17160	22560	24450	10470	10000	7310	14630	16090
MN	341	543	676	732	313	295	1152	725	553
MO	3	4	2	2	5	7	24	5	7
NA	3040	3900	3110	1440	2930	4270	1870	1830	520
NI	12	3	53	29	8	8	30	8	20
P	730	1030	930	1110	700	830	1150	1100	830
PB	28	30	22	17	19	24	18	20	25
SB	2	6	1	3	3	2	1	1	1
SR	64	83	75	53	45	66	23	42	20
TH	1	1	2	1	1	1	1	2	1
U	1	1	1	1	1	1	1	1	1
V	95.1	149.0	94.4	207.1	83.9	75.8	147.7	120.2	82.1
ZN	35	40	52	55	33	46	117	80	111
GA	3	1	1	1	3	3	1	1	1
SN	1	3	1	4	2	2	2	2	2
W	2	1	2	1	2	1	4	2	2
CR	80	66	124	53	103	103	151	117	111

215-217 230-231 245-247 16-18 32-34 48-50 194-196 210-212 226-228

LK 88-132

LK 88-133

HL 88-131



**MIN-EN
LABORATORIES LTD.**

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CHEMISTS • ASSAYERS • ANALYSTS • GEOCHEMISTS

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PHONE (604) 980-5814 OR (604) 988-4524
FAX: VIA U.S.A. 7601067 • FAX (604) 980-9621

TIMMINS OFFICE:
33 EAST IROQUOIS ROAD
P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9996

Certificate of GEOCHEM

Company: BEMA INTERNATIONAL
Project: 88-10 P.O. B1000348
Attention: G. NORMAN/B. KAHLERT

File: 8-1892/P1
Date: OCT 27/88
Type: ROCK GEOCHEM

We hereby certify the following results for samples submitted.

HL 88-126

Sample Number	AU-FIRE FPB	MO PPM	AG PPM
45 001 5-5-7	2	2	1.0
45 002 7-9	4	3	0.9
45 003 9-11	1	86	1.0
45 004 11-13	2	28	0.8
45 005 13-15	1	2	0.8
45 006 15-17	6	1	0.6
45 007 17-19	2	35	0.9
45 008 19-21	5	3	1.0
45 009 21-23	15	2	0.8
45 010 23-25	2	3	1.0
45 011 25-27	5	2	0.7
45 012 27-29	2	1	0.9
45 013 29-31	1	1	0.8
45 014 31-33	3	3	0.8
45 015 33-35	4	1	0.8
45 016 35-37	5	7	0.9
45 017 37-39	1050	1	2.1
45 018 39-41	184	1	0.9
45 019 41-43	5	2	0.8
45 020 43-45	4	1	0.8
45 021 45-47	2	1	0.9
45 022 47-49	6	2	0.8
45 023 49-51	3	32	0.8
45 024 51-53	4	29	0.7
45 025 53-55	2	1	0.7
45 026 55-57	2	2	0.9
45 027 57-59	6	2	0.8
45 028 59-61		30	0.8
45 029 61-63	1	1	1.0
45 030 63-65	2	3	1.0



HL 88-126

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TELEPHONE: (705) 264-9996

Certificate of Geochem

Company: BEMA INTERNATIONAL
Project: 88-10 P.O. B1000348
Attention: G. NORMAN/B. KAHLERT

File: 8-1892/P2
Date: OCT 27/88
Type: ROCK GEOCHEM

We hereby certify the following results for samples submitted.

HL 88-126

Sample Number	AU-FIRE PPB	MO PPM	AG PPM	Δ
45 031 65-67	4	12	1.0	
45 032 67-69	2	10	1.0	
45 033 69-71	2	3	1.1	
45 034 71-73	6	20	1.2	
45 035 73-75	3	7	0.8	
45 036 75-77	3	4	0.9	
45 037 77-79	2	2	1.0	
45 038 79-81	1	1	0.8	
45 039 81-83	1	5	0.8	
45 040 83-85	3	24	0.9	
45 041 85-87	398	2	1.2	
45 042 87-89	4	1	0.8	
45 043 89-91	3	5	0.8	
45 044 91-93	3	14	1.0	
45 045 93-95	1	10	0.8	
45 046 95-97	4	45	1.0	
45 047 97-99	2	21	1.0	
45 048 99-101	2	15	0.9	
45 049 101-103	3	10	0.7	
45 050 103-105	1	9	0.8	
45 051 105-107	4	1	0.8	
45 052 107-109	178	2	0.6	
45 053 109-111	2	2	0.6	

HL 88-126

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TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9996

Certificate of GEOCHEM

Company: BEMA INTERNATIONAL
Project: 88-10 P.O. B1 000476
Attention: B. KAHLERT/G. NORMAN

File: 8-1946/F1
Date: NOV 1/88
Type: ROCK GEOCHEM

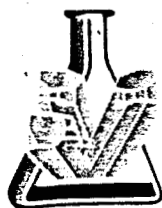
We hereby certify the following results for samples submitted.

HL 88-126

Sample Number	AU-FIRE PPB	MO PPM	AG PPM
45 054 111 - 113	11	18	1.0
45 055 113 - 115	3	5	0.6
45 056 115 - 117	1	1	0.4
45 057 117 - 119	2	10	0.6
45 058 119 - 121	2	5	0.5
45 059 121 - 123	1	1	0.4
45 060 123 - 125	1	2	0.6
45 061 125 - 127	4	17	0.9
45 062 127 - 129	6	4	0.7
45 063 129 - 131	2	2	0.6
45 064 131 - 133	3	6	0.7
45 065 133 - 135	2	5	0.4
45 066 135 - 137	1	3	0.6
45 067 137 - 139	2	2	0.6
45 068 139 - 141	1	3	0.8
45 069 141 - 143	2	5	0.6
45 070 143 - 145	1	6	0.8
45 071 145 - 147	2	7	0.8
45 072 147 - 149	3	1	0.4
45 073 149 - 151	3420	15	3.8
45 074 151 - 153	3	10	0.6
45 075 153 - 155	1	25	0.2
45 076 155 - 157	2	10	0.2
45 077 157 - 159	1	2	0.2
45 078 159 - 161	292	5	0.6
45 079 161 - 163	4	1	2.2
45 080 163 - 165	5	1	0.6
45 081 165 - 167	1	1	0.4
45 082 167 - 169	18	1	0.6
45 083 169 - 171	6	7	0.7

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Certificate of Geochem

Company: BEMA INTERNATIONAL
Project: 88-10 P.O. B1 000476
Attention: B. KAHLERT/G. NORMAN

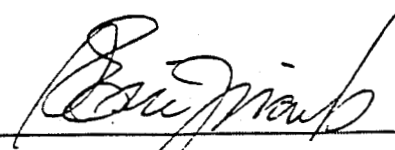
File: 8-1946/P2
Date: NOV 1/88
Type: ROCK GEOCHEM

We hereby certify the following results for samples submitted.

HL 88-126

Sample Number	AU-FIRE PPB	MO PPM	AG PPM
45 084 <i>171-173</i>	19	25	1.1
45 085 <i>173-175</i>	121	12	1.0
45 086 <i>175-177</i>	83	10	0.8
45 087 <i>177-179</i>	18	25	0.4
45 088 <i>179-181</i>	4	47	0.6
45 089 <i>181-183</i>	38	20	0.4
45 090 <i>183-185</i>	21	4	0.2
45 091 <i>185-187</i>	57	2	0.6
45 092 <i>187-189</i>	35	3	0.4
45 093 <i>189-191</i>	419	5	1.6
45 094 <i>191-193</i>	26	2	0.7
45 095 <i>193-195</i>	18	1	0.5
45 096 <i>195-197</i>	17	1	0.4
45 097 <i>197-199</i>	9	6	0.2
45 098 <i>199-201</i>	23	5	0.4
45 099 <i>201-203</i>	16	3	0.3
45 100 <i>203-205</i>	44	4	0.4
45 101 <i>205-207</i>	19	2	0.8
45 102 <i>207-209</i>	464	10	2.3
45 103 <i>209-211</i>	138	1	1.0
45 104 <i>211-213</i>	21	15	0.8
45 105 <i>213-215</i>	14	10	0.6
45 106 <i>215-217</i>	5	4	0.6
45 107 <i>217-219</i>	17	2	0.4
45 108 <i>219-221</i>	3	1	0.6
45 109 <i>221-223</i>	1	1	0.6
45 110 <i>223-225</i>	18	1	0.5
45 111 <i>225-227</i>	4	1	0.7
45 112 <i>227-229</i>	2	2	0.6
45 113 <i>229-231</i>	1	1	1.1

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TIMMINS OFFICE:
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P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9996

Certificate of Geochem

Company: BEMA INTERNATIONAL
Project: 88-10 P.D. B1 000476
Attention: B. KAHLERT/G. NORMAN

File: 8-1946/P3
Date: NOV. 1/88
Type: ROCK GEOCHEM

We hereby certify the following results for samples submitted.

HK 88-126

Sample Number	AU-FIRE	MO	AG
	PPB	PPM	PPM
45 114 231 - 233	4	4	0.8
45 115 233 - 235	1	10	0.6
45 116 235 - 237	2	2	1.2
45 117 237 - 239	1	10	1.0
45 118 239 - 241	3	2	0.6
45 119 241 - 243	3	3	1.2
45 120 243 - 245	4	12	0.9
45 121 245 - 247	2	5	1.2
45 122 247 - 249	18	1	1.0
45 123 249 - 251	4	25	0.6
45 124 251 - 253	19	3	1.0
45 125 253 - 255	98	2	1.0
45 126 255 - 257	21	2	1.0
45 127 257 - 259	7	1	0.5
45 128 259 - 261	18	1	0.6
45 129 261 - 263	4	2	0.8
45 130 263 - 265	1	2	0.7
45 131 265 - 267	1	1	0.8
45 132 267 - 269	3	2	0.6
45 133 269 - 271	1	42	0.5
45 134 271 - 273	3	3	0.6
45 135 273 - 275	6	2	1.0
45 136 275 - 277	2	3	1.0
45 137 277 - 279	1	4	1.1
45 138 279 - 281	2	3	0.8
45 139 281 - 283	1	1	1.0
45 140 283 - 285	1	2	0.8
45 141 285 - 287	3	1	1.0
45 142 287 - 289	1	2	0.7
45 143 289 - 291	2	2	1.2

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TELEPHONE: (705) 264-9996

Certificate of Geochem

Company: BEMA INTERNATIONAL
Project: 88-10 P.O. B1 000476
Attention: B. KAHLERT/G. NORMAN

File: 8-1946/P4
Date: NOV. 1/88
Type: ROCK GEOCHEM

We hereby certify the following results for samples submitted.

HL 88-126

Sample Number	AU-FIRE	MO	AG
	FPB	PPM	PPM
45 144 291-293	2	1	0.4
45 145 293-295	1	2	0.5
45 146 295-297	1	4	0.4
45 147 297-299	1	4	0.2
45 148 299-301	5250	2	12.0
45 149 301-303	2	1	0.4
45 150 303-305	36	2	0.4
45 151 305-307	1	3	0.2
45 152 307-309	10	1	0.2
45 153 309-311	8	1	0.2
45 154 311-313	2	1	0.2
45 155 313-315	4	1	0.2
45 156 315-317	12	2	0.2
45 157 317-319	5	1	0.2
45 158 319-321	1	8	0.2
45 159 321-323	10	2	0.2
45 160 323 - 325.2	6	6	0.2

Certified by

[Signature]
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SPECIALISTS IN MINERAL ENVIRONMENTS
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VANCOUVER OFFICE:
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TELE. VIA U.S.A. 7601067 • FAX (604) 980-9621

TIMMINS OFFICE:
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P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9996

Certificate of ASSAY

Company: BEMA INTERNATIONAL
Project: 88-10 P.O. Bl 000476
Attention: B. KAHLERT/G. NORMAN

File: 8-1946/P2
Date: NOV 1/88
Type: ROCK ASSAY

We hereby certify the following results for samples submitted.

HL 88-126

HL 88-

Sample Number	AU G/TONNE	AU OZ/TON
45 073 <i>149-151</i>	4.20	0.123
45 148 <i>299-301</i>	5.95	0.174

Certified by

MIN-EN LABORATORIES LTD.

BY: BEMA INTERNATIONAL
 CT NO: 88-10 PD B1000348
 ENTION: B. KALHERT/E. NORMAN

MIN-EN LABS ICP REPORT
 WEST 5 ST., NORTH VANCOUVER, B.C. V7M 1
 4980-5814 OR (604) 988-4524

(ACT:F31) PAGE 1 OF 1
 FILE NO: 8-1892R/P1+2
 DATE: OCTOBER 27, 1988

PPM)	45001	45009	45017	45025	45033	45041	45049
AG	.9	.5	2.1	.8	.9	1.5	.4
AL	52130	56360	38720	44780	53050	41760	51020
AS	41	33	3690	41	41	965	40
B	3	1	1	1	2	1	1
BA	54	86	118	108	154	189	308

BE	1.0	.8	1.0	1.0	.9	1.0	.9
BI	13	13	10	12	12	11	10
CA	30180	35300	23760	26690	30700	29470	34450
CD	1.0	.5	25.5	.6	.3	4.6	.9
CD	19	19	20	19	21	17	13

CU	45	10	41	8	8	99	47
FE	42730	41560	40830	39220	45980	43720	23680
K	1310	2440	3300	2750	4740	4940	2890
LI	11	9	13	11	11	13	10
MG	12570	10750	11940	12640	12750	13060	7960

MN	533	445	412	511	403	497	302
MO	4	4	3	3	5	3	15
NA	4220	5350	3510	4370	4330	3280	4550
NI	6	6	6	5	5	8	27
P	1040	950	750	820	830	880	2310

PB	27	27	27	25	34	20	22
SB	6	7	1	2	6	1	5
SR	94	100	70	76	99	76	97
TH	1	1	1	1	1	1	1
U	2	1	1	1	1	1	1

V	106.3	99.9	99.3	121.5	137.0	113.8	120.8
ZN	53	51	146	58	55	62	52
BA	3	2	1	3	3	1	1
SN	4	4	3	3	4	2	3
W	3	2	3	3	2	2	3
CR	91	78	94	109	88	82	116

5.5-7 21-23 37-39 53-55 69-71 85-87 101-103

COMPANY: BEMA INTERNATIONAL
 PROJECT NO: 88-10 P.O. B1 000476
 ATTENTION: B. KAHLERT/G. NORMAN

MIN-EN LABS ICP REPORT

WEST 15TH ST., NORTH VANCOUVER, B.C. V7M
 (604) 980-5814 OR (604) 988-4524

(ACT:F31) PAGE 1 OF 3
 FILE NO: B-1946R/P1-4
 DATE: NOVEMBER 1, 1988

(VALUES IN PPM)	AS	AL	AS	B	BA	BE	BI	CA	CD	CO	CU	FE
45054 111-113 m .7	43610	14	13	1051	1.5	14	19050	1.7	29	96	44200	
45062 127-129 .8	35830	18	10	552	1.5	14	11230	1.6	24	41	55880	
45070 143-145 1.0	64960	1	16	196	1.5	12	35820	.6	32	120	54770	
45078 159-161 .7	20330	76	5	188	.9	3	12740	4.4	17	139	51870	
45086 175-177 .6	56200	452	17	53	1.2	5	42020	.3	28	227	62230	
45094 191-193 .9	33540	7	9	69	1.0	7	30920	2.1	14	48	36630	
45102 207-209 1.7	59380	1	17	27	1.5	10	64270	2.6	13	49	31930	
45110 223-225 .8	50290	8	15	37	1.0	8	48430	1.4	24	37	46220	
45118 239-241 .6	26780	15	12	38	1.4	4	66610	4.1	10	9	25970	
45126 255-257 .7	29250	37	9	78	1.1	5	66220	2.4	12	37	28830	
45134 271-273 .6	31170	32	10	41	1.1	4	58280	1.7	11	26	22650	
45142 287-289 .8	70460	70	38	27	1.1	11	58320	1.3	26	54	48090	
45150 303-305 .5	26150	32	11	152	.7	5	29970	2.8	18	117	48620	
45158 319-321 0.4	18770	5	11	145	1.0	4	4700	4.1	17	57	42340	

COMPANY: BEMA INTERNATIONAL
 PROJECT NO: BB-10 P.O. BI 000476
 ATTENTION: B. KAHLERT/E. NORMAN

MIN-EN LABS ICP REPORT

WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1
 142 55-126 204) 980-5814 OR (604) 988-4524 * TYPE ROCK

(ACT:F31) PAGE 2 OF 3
 FILE NO: B-1946R/P1-4
 DATE: NOVEMBER 1, 1988

VALUES IN PPM)	K	LI	MG	MN	MO	NA	NI	P	PB	SB	SR	TH
45054	111-113 10550	18	20480	612	11	2500	39	800	24	1	49	1
45062	127-129 11920	17	19120	713	8	1180	12	1090	8	3	30	1
45070	143-145 8840	14	20820	583	5	4160	25	890	16	2	47	1
45078	159-161 2450	16	13710	773	10	720	22	540	23	1	12	1
45086	175-177 1810	19	21960	917	8	2680	9	590	6	1	60	2
45094	191-193 1620	12	14180	962	4	2510	3	640	14	1	44	1
45102	207-209 1570	20	27160	1565	6	2960	14	480	17	2	53	1
45110	223-225 1150	17	23980	1262	2	2770	13	510	11	2	48	1
45118	239-241 2720	26	25370	1804	2	330	11	580	11	1	12	1
45126	255-257 3490	17	18410	1555	1	1200	11	890	13	1	26	1
45134	271-273 2630	16	15910	1247	3	1470	11	610	13	1	31	1
45142	287-289 700	18	20470	916	5	4500	9	400	20	3	81	1
45150	303-305 3490	18	17500	943	1	1250	15	1100	15	2	24	1
45158	319-321 3400	14	12260	416	8	800	17	460	12	1	13	1

COMPANY: BEMA INTERNATIONAL

MIN-EN LABS ICP REPORT

(ACT:F31) PAGE 3 OF 3

PROJECT NO: 88-10 P.B. B1 000476

WEST-15TH ST., NORTH VANCOUVER, B.C. V7M 1

FILE NO: 8-1946R/P1-4

ATTENTION: B. KAHLERT/G. NORMAN

HL 88-121

(604)980-5814 OR (604)988-4524

* TYPE ROCK

ACHEM *

DATE: NOVEMBER 1, 1988

VALUES IN PPM	U	V	ZN	GA	SN	W	CR
45054 111 - 113	1	173.7	102	1	1	5	179
45062 127 - 129	1	172.8	93	2	2	2	139
45070 143 - 145	1	197.0	51	5	3	1	154
45078 159 - 161	1	58.6	85	1	1	3	137
45086 175 - 177	1	268.6	62	2	4	2	96
45094 191 - 193	2	95.8	75	2	1	2	131
45102 207 - 209	1	233.4	62	3	3	1	145
45110 223 - 225	1	178.0	50	1	1	1	145
45118 239 - 241	1	169.8	56	1	1	1	109
45126 255 - 267	1	134.7	42	3	1	1	108
45134 271 - 273	1	136.7	35	3	1	1	97
45142 287 - 289	2	211.5	35	1	3	4	109
45150 303 - 305	1	122.2	67	3	1	2	137
45158 319 - 321	1	96.7	138	1	2	2	108

BY: BEMA INTERNATIONAL
 PROJECT NO: 88-10 PG B1000348
 ATTENTION: B. KALHERT/G. NORMAN

MIN-EN LABS ICP REPORT

5 WEST 3 ST., NORTH VANCOUVER, B.C. V7M
 4980-5814 DR (604) 988-4524

(ACT:F31) PAGE 1 OF 1
 FILE NO: 8-1892R/P1+2
 DATE: OCTOBER 27, 1988

PPM	45001	45009	45017	45025	45033	45041	45049
AG	.9	.5	2.1	.8	.9	1.5	.4
AL	52130	56360	38720	44780	53050	41760	51020
AS	41	33	3690	41	41	965	40
B	3	1	1	1	2	1	1
BA	54	86	118	108	154	189	308
BE	1.0	.8	1.0	1.0	.9	1.0	.9
BI	13	13	10	12	12	11	10
CA	30180	35300	23760	26690	30700	29470	34450
CD	1.0	.5	25.5	.6	.3	4.6	.9
CO	19	19	20	19	21	17	13
CU	45	10	41	8	8	99	47
FE	42730	41560	40830	39220	45980	43720	23680
K	1310	2440	3300	2750	4740	4940	2890
LI	11	9	13	11	11	13	10
MG	12570	10750	11940	12640	12750	13060	7960
MN	533	445	412	511	403	497	302
MO	4	4	3	3	5	3	15
NA	4220	5350	3510	4370	4330	3280	4550
NI	6	6	6	5	5	8	27
P	1040	950	750	820	830	880	2310
PB	27	27	27	25	34	20	22
SB	6	7	1	2	6	1	5
SR	94	100	70	76	99	76	97
TH	1	1	1	1	1	1	1
U	2	1	1	1	1	1	1
V	106.3	99.9	99.3	121.5	137.0	113.8	120.8
ZN	53	51	146	58	55	62	52
GA	3	2	1	3	3	1	1
SN	4	4	3	3	4	2	3
W	3	2	3	3	2	2	3
CR	91	78	94	109	88	82	116

5.5-7 21-23 37-39 53-55 69-71 85-87 101-103



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TIMMINS OFFICE:

33 EAST IROQUOIS ROAD
P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9996

Certificate of GEOCHEM

Company: BEMA INTERNATIONAL
Project: 88 10 P.O. #B1 000495
Attention: G.E. NORMAN/R. BARCLAY/B. KAHLERT

File: 8-2008/P1
Date: NOV 10/88
Type: ROCK GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AU-FIRE PPB	AG PPM	MO PPM	
45 402 2.55-5	9	.7	2	HL-88-130 2.55m-
45 403 5-7	4	.6	4	
45 404 7-9	6	.7	3	
45 405 9-11	1	.7	4	
45 406 11-13	2	1.0	3	
45 407 13-15	2	1.1	7	
45 408 15-17	5	1.1	8	
45 409 17-19	17	1.0	22	
45 410 19-21	26	1.3	148	
45 411 21-23	41	1.0	4	
45 412 23-25	3	1.1	12	
45 413 25-27	4	1.4	10	
45 414 27-29	6	1.3	14	
45 415 29-31	5	.9	7	
45 416 31-33	3	.6	2	
45 417 33-35	3	.6	6	
45 418 35-37	186	1.3	16	
45 419 37-39	4	1.0	26	
45 420 39-41	8	1.1	5	
45 421 41-43	11	.9	14	
45 422 43-45	6	.9	4	
45 423 45-47	2	.8	12	
45 424 47-49	1	.7	49	
45 425 49-51	2	1.0	52	
45 426 51-53	2	.7	13	
45 427 53-55	1	.8	54	
45 428 55-57	35	1.0	52	
45 429 57-59	93	1.2	38	
45 430 59-61	2	1.1	6	
45 431 61-63	6350	11.9	40	

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TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9996

Certificate of Geochem

Company: BEMA INTERNATIONAL
Project: 88 IOP.D.#B1 000495
Attention: G.E. NORMAN/R. BARCLAY/B. KAHLERT

File: 8-2008/P2
Date: NOV 10/88
Type: ROCK GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AU-FIRE PPB	AG PPM	MO PPM
45 432 63-65	7400	14.6	35
45 433 65-67	36	.9	24
45 434 67-69	13	.9	12
45 435 69-71	3	.7	10
45 436 71-73	1	.8	10
45 437 73-75	1	.9	8
45 438 75-77	2	.7	9
45 439 77-79	1	.7	32
45 440 79-81	4	.9	10
45 441 81-83	19	1.0	11
45 442 83-85	2	1.3	20
45 443 85-87	5	.7	16
45 444 87-89	4	.9	32
45 445 89-91	2	1.1	21
45 446 91-93	2	.8	15
45 447 93-95	1800	3.7	24
45 448 95-97	4	1.0	12
45 449 97-99	6	.9	2
45 450 99-101	9	1.1	24
45 451 101-103	2	.8	7
45 452 103-105	3	.6	20
45 453 105-107	2	.6	9
45 454 107-109	8	1.1	18
45 455 109-111	2850	6.9	26
45 456 111-113	39	1.3	2
45 457 113-115	4	1.1	5
45 458 115-117	17	.9	5
45 459 117-119	2	1.0	2
45 460 119-121	1	1.1	1
45 461 121-123	2	1.1	1

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P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9996

Certificate of Geochem

Company: BEMA INTERNATIONAL
Project: 88 10 P.O.#B1 000495
Attention: G.E. NORMAN/R. BARCLAY/B. KAHLERT

File: 8-2008/F3
Date: NOV 10/88
Type: ROCK GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AU-FIRE FPB	AG PPM	MO PPM
45 462 123-125	2	1.2	10
45 463 125-127	3	.9	2
45 464 127-129	4	1.1	3
45 465 129-131	5	1.0	1
45 466 131-133	2	.9	2
45 467 133-135	7	.9	3
45 468 135-137	23	1.5	4
45 469 137-139	4	1.0	5
45 470 139-141	380	2.3	28
45 471 141-143	10	1.3	17
45 472 143-145	6	1.0	128
45 473 145-147	4	.8	22
45 474 147-149	6	1.0	5
45 475 149-151	5	1.0	10
45 476 151-153	2	.9	10
45 477 153-155	345	1.5	12
45 494 171-172	16 .016	.9	40
45 495 172-173	12 .012	.7	120
45 496 173-174	7 .007	.8	52
45 497 174-175	8 .008	1.0	32
45 498 175-176	84 .084	1.5	50
45 499 176-177	3 .03	1.1	37
45 500 177-178	2.632200	4.2	62
45 501 178-179	900 .09	1.9	12
45 502 179-180	21 .021	.9	7
45 503 180-181	15 .015	.8	2
45 504 181-182	14.3510000	23.6	1
45 505 182-183	27	1.1	4
45 506 183-184	21	.9	1
45 507 184-185	10	1.1	34

3 counts Y6.
1 count Y6.

Certified by

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TELEX: VIA U.S.A. 7601067 • FAX (604) 980-9621

TIMMINS OFFICE:
33 EAST IROQUOIS ROAD
P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9996

Certificate of ASSAY

Company: BEMA INTERNATIONAL
Project: 88-10 P.D.#B1 000493
Attention: B. KAHERT/R. BARCLAY/G. NORMAN

File: 8-1995/P1
Date: NOV 8/88
Type: ROCK ASSAY

We hereby certify the following results for samples submitted.

Sample Number	MO %	AG G/TONNE	AG OZ/TON	AU* G/TONNE	AU* OZ/TON	
45 478 155-156	.002	2.0	0.06	.40	0.012	HL-88-130 ↓
45 479 156-157	.003	10.4	0.30	6.70	0.195	
45 480 157-158	.001	1.7	0.05	.21	0.006	
45 481 158-159	.009	36.8	1.07	25.00	0.729	
45 482 159-160	.008	17.9	0.52	12.87	0.375	
45 483 160-161	.001	1.8	0.05	.39	0.011	
45 484 161-162	.002	1.2	0.04	.04	0.001	
45 485 162-163	.004	1.9	0.06	1.38	0.040	
45 486 163-164	.001	39.9	1.16	23.10	0.674	3 counts VG
45 487 164-165	.004	1.7	0.05	.10	0.003	
45 488 165-166	.023	.9	0.03	.16	0.005	
45 489 166-167	.003	.8	0.02	.18	0.005	
45 490 167-168	.065	1.6	0.05	.04	0.001	
45 491 168-169	.169	1.8	0.05	.03	0.001	
45 492 169-170	.009	1.6	0.05	.09	0.003	
45 493 170-171	.003	9.4	0.27	7.71	0.225	HL-88-130 → 3 counts VG

* 1 ASSAY TON

Certified by

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TIMMINS OFFICE:
33 EAST IROQUOIS ROAD
P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9996

Certificate of GEOCHEM

Company: BEMAC INTERNATIONAL
Project: 88-10-0-000495
Attention: B. KAHERT/R. BARCLAY/G. NORMAN

File: 8-1995/P1
Date: NOV 8/88
Type: ROCK GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	CU PPM	ZN PPM
45 478 155-156	235	48
45 479 156-157	210	49
45 480 157-158	163	64
45 481 158-159	435	71
45 482 159-160	425	56
45 483 160-161	118	64
45 484 161-162	95	65
45 485 162-163	255	57
45 486 163-164	575	205
45 487 164-165	135	55
45 488 165-166	153	40
45 489 166-167	158	39
45 490 167-168	220	44
45 491 168-169	495	56
45 492 169-170	136	54
45 493 170-171	153	49

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TIMMINS OFFICE:
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P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9996

Certificate of ASSAY

Company: BEMA INTERNATIONAL
Project: 88-10 P.D. #1 000495
Attention: G.E. NORMAN/R. BARCLAY/B. KAHLERT

File: B-2008/P5
Date: NOV 11/88
Type: ROCK ASSAY

We hereby certify the following results for samples submitted.

Sample Number	AU G/TONNE	AU OZ/TON
45 431 61-63	8.60	0.251
45 432 63-65	8.70	0.254
45 447 93-95	2.00	0.058
45 455 109-111	3.02	0.088
45 500 177-178	2.63	0.077
45 504 181-182	14.35	0.419

HL-88-130
↓
↑
HL-88-130

Certified by _____

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PHONE (604) 980-5814 OR (604) 988-4524
TELEX: VIA U.S.A. 7601067 • FAX (604) 980-9621

TIMMINS OFFICE:

33 EAST IROQUOIS ROAD
P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9896

Certificate of Geochem

Company: BEMA INTERNATIONAL
Project: BB-10P-04B1-000495
Attention: G.E. NORMAN/R. BARCLAY/B. KAHLERT

File: B-2008/P4
Date: NOV 10/88
Type: ROCK GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AU-FIRE PPB	AG PPM	MO PPM
45 508 185-186	6	1.0	18
45 509 186-187	4	1.0	35
45 510 187-188	10	.9	15
45 511 188-190	5	.8	300
45 512 190-192	7	1.0	10
45 513 192-194	5	1.1	3
45 514 194-196	18	.7	7
45 515 196-198	5	.9	28
45 516 198-200	20	1.1	5
45 517 200-202	4	1.2	12
45 518 202-204	2	1.1	8
45 519 204-206	1	.9	2
45 520 206-208	1	1.3	110
45 521 208-210	100	.9	64
45 522 210-212	2	1.1	12
45 523 212-214	2	.7	22
45 524 214-216	3	1.0	26
45 525 216-218	64	.9	2

HL-88-130

Certified by

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COMPANY: BEMA INTERNATIONAL

MIN-EN LABS ICP REPORT

(ACT:F31) PAGE 3 OF 3

PROJECT NO: 8810 P.O. 31000495

705 5TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: B-2008/P1-4 5

ATTENTION: G. NORMAN R. BARCLAY B. KAHLERT

(604)980-5814 DR (604)988-4524

* TYPE RODR. CHEM *

DATE: NOVEMBER 10, 1988

(VALUES IN PPM)	U	V	ZN	SA	SN	W	CR
45402 2-35-5	1	112.9	44	1	1	4	104
45410 19-21	1	174.6	59	3	1	2	94
45418 35-37	1	124.7	279	1	1	3	93
45426 51-53	1	98.5	76	2	1	3	94
45434 67-69	1	104.0	44	1	2	3	111
45442 83-85	1	181.3	60	1	3	4	113
45450 99-101	1	105.9	34	3	1	1	76
45458 115-117	1	125.1	53	1	1	1	87
45466 131-133	1	143.4	72	4	3	1	97
45474 147-149	1	161.7	54	3	2	1	82
45494 171-172	1	135.0	40	3	3	1	95
45495 172-173	1	105.4	31	1	2	5	146
45496 173-174	1	115.9	34	1	3	1	85
45497 174-175	1	134.7	41	3	3	2	108
45498 175-176	1	131.9	257	1	1	2	98
45499 176-177	1	129.4	55	2	1	1	87
45500 177-178	1	104.9	63	1	2	1	79
45501 178-179	1	136.0	48	3	2	1	87
45502 179-180	1	132.5	98	3	2	1	82
45503 180-181	1	133.4	44	2	2	1	86
45504 181-182	1	111.6	48	2	1	1	67
45505 182-185	1	125.1	46	3	1	1	86
45506 183-184	1	132.4	47	3	1	1	78
45507 184-185	1	129.8	47	4	2	1	85
45508 185-186	1	137.8	53	1	2	1	78
45509 186-187	1	128.5	46	2	1	1	78
45510 187-188	1	120.1	51	1	1	1	76
45518 202-204	1	125.3	54	1	1	3	112
42618 207-209	1	141.0	94	1	2	1	72
42626 223-225	1	139.9	71	1	2	2	76
42634 239-241	3	88.1	86	3	2	1	67
42642 250-251	1	133.3	92	1	2	4	100

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(VALUES IN PPM)	K	LI	MS	MN	MO	NA	NI	P	PB	SB	SR	TH
45402 2.55-5	1240	12	11320	419	3	3700	12	670	14	1	50	1
45410 19-21	2680	12	12460	650	102	2100	10	1530	15	1	26	1
45418 35-37	2360	15	14370	654	14	2190	12	630	23	2	61	1
45426 51-53	7070	16	14140	666	11	610	14	920	16	1	8	1
45434 67-69	6220	11	12390	449	9	3290	6	760	14	2	67	1
45442 85-88	12220	12	17670	585	3	2310	12	810	17	1	26	1
45450 99-101	4840	10	13200	426	18	4270	3	870	16	1	63	1
45458 115-117	4680	13	15120	661	5	2120	6	1160	14	2	40	1
45466 131-133	5640	11	15670	764	1	2790	4	840	13	1	39	1
45474 147-149	6670	12	13790	605	3	4230	5	1380	14	7	69	1
45494 171-172	4210	12	11560	427	24	4070	3	900	14	1	69	1
45495 172-173	3750	12	11770	332	94	3060	4	630	16	3	56	1
45496 173-174	4030	11	11250	377	38	3450	2	710	14	4	68	1
45497 174-175	5680	12	13430	513	26	4300	5	760	15	2	77	1
45498 175-176	3280	14	15100	615	42	2950	3	760	28	1	57	1
45499 176-177	2930	13	14250	758	40	2920	1	850	15	2	60	2
45500 177-178	2910	14	13840	695	69	2060	1	670	15	3	47	1
45501 178-179	5890	13	12760	530	12	3400	2	830	23	2	63	1
45502 179-180	4260	12	12880	540	5	3400	4	820	12	3	67	1
45503 180-181	4920	12	11080	462	2	3860	4	790	13	1	70	1
45504 181-182	2310	14	14810	747	4	2120	1	700	17	2	45	1
45505 182-183	3930	13	12790	602	5	3050	1	770	14	2	59	1
45506 183-184	4330	12	10970	526	4	3230	2	710	8	2	62	1
45507 184-185	3910	12	12990	547	38	3290	1	730	18	3	66	1
45508 185-186	3790	12	13610	671	11	3480	2	780	13	4	70	1
45509 186-187	3080	12	13190	544	24	3440	2	830	20	3	70	1
45510 187-188	2230	12	14650	672	11	3350	6	890	15	3	67	1
45518 202-204	3410	16	16810	810	4	2710	4	870	24	2	55	1
42618 207-209	2730	19	16150	731	3	2950	9	920	19	2	51	1
42626 223-225	1230	21	19170	1063	3	1410	10	630	15	1	30	1
42634 239-241	3170	12	11170	506	5	2120	10	490	11	3	39	1
42642 250-251	8290	21	14910	626	5	1640	13	490	17	1	35	1

AL 88
- 120

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COMPANY: BEMA INTERNATIONAL

MIN-EN LABS ICP REPORT

(ACT: F31) PAGE 1 OF 3

PROJECT NO: 8810 P.O. 21000495

70 5TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 8-2008/P1-4 5

ATTENTION: G. NORMAN R. BARCLAY B. KAHLERT

(604) 986-3814 OR (604) 988-4524

* TYPE ROCK G-CHEM *

DATE: NOVEMBER 10, 1988

(VALUE IN PPM)	AS	AL	AR	B	BR	BE	BI	CA	CO	CR	CU	FE
45402 255-5	1.1	35760	15	11	99	1.1	10	16840	2.1	18	17	31750
45410 19-21	1.0	28110	15	7	130	1.6	7	19690	1.5	19	121	55790
45418 35-37	1.2	30410	12	10	113	1.4	10	15440	12.6	20	43	35560
45426 51-53	1.3	21230	4	7	336	1.7	9	7880	3.4	19	91	42610
45434 67-69	1.3	36140	1	11	320	1.5	12	18420	.7	23	139	40640
45442 81-85	1.1	36180	19	13	767	1.7	14	12490	1.7	27	108	50910
45450 99-101	.7	44500	14	15	197	1.7	10	26980	.7	22	132	44030
45458 115-117	.7	31160	14	11	179	1.5	10	23350	2.6	21	117	47990
45466 131-133	.9	34340	16	12	167	1.6	12	17770	.5	25	118	59180
45474 147-149	.9	46050	12	15	230	1.5	11	27230	.8	20	27	51340
45494 171-172	.8	46830	17	15	156	1.3	12	27750	.4	23	69	45900
45495 172-173	1.0	38230	2	10	136	1.5	10	19960	1.2	22	172	46970
45496 173-174	.7	42850	1	13	147	1.3	9	25300	.5	19	119	41110
45497 174-175	.9	50100	17	15	193	1.4	11	33970	1.3	21	167	43880
45498 175-176	1.2	40840	19	13	121	1.5	9	30270	5.4	20	264	47360
45499 176-177	.8	39540	18	12	110	1.6	7	38090	1.2	25	264	58870
45500 177-178	4.2	32780	13	9	122	1.3	8	29820	3.5	17	177	42020
45501 178-179	1.7	43540	13	14	242	1.4	11	27950	.1	22	141	47360
45502 179-180	.7	43710	19	13	195	1.6	11	29150	1.6	21	78	46460
45503 180-181	.9	45390	16	15	208	1.4	12	27990	.1	20	46	43280
45504 181-182	19.8	35320	5	12	105	1.7	7	27520	.5	18	211	67760
45505 182-183	1.0	39910	16	13	168	1.3	10	28680	1.1	19	118	43690
45506 183-184	1.0	40150	15	13	187	1.5	11	26770	.6	18	20	41230
45507 184-185	1.0	44190	20	13	165	1.3	9	28950	1.3	21	165	47530
45508 185-186	1.0	46810	17	15	161	1.3	11	31190	.3	20	84	45390
45509 186-187	.9	45320	15	14	125	1.3	11	30590	1.4	19	138	43610
45510 187-188	.7	44680	18	13	97	1.4	9	32470	.5	17	76	39460
45516 202-204	.9	39250	18	12	150	1.4	9	31660	1.3	20	113	46670
42618 207-209	.5	42360	16	15	119	1.3	10	28050	2.7	18	44	40020
42626 223-225	.8	30800	17	9	51	1.5	7	30280	4.0	17	69	39260
42634 239-241	1.2	28580	14	7	136	1.1	10	16560	2.8	15	48	25950
42642 250-251	1.0	27180	14	10	340	1.4	10	11850	3.2	19	70	38050

COMPANY: BEMA INTERNATIONAL

MIN-EN LABS ICP REPORT

(ACT:FS1) PAGE 1 OF 1

PROJECT NO: 88-10 P.D.#BI 000493

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 8-1995/P1

ATTENTION: B.KAHERT/R.BARCLAY/G.NORMAN

(604)980-5814 OR (604)988-4524

* TYPE ROCK SEDCHEN *

DATE: NOVEMBER 8, 1988

(PPM)	45478	45482	45486	45490
AG	1.4	15.5	32.9	1.7
AL	37050	23630	23050	47710
AS	1	139	31	11
B	12	8	9	3
BA	109	51	55	132

BE	2.1	2.0	2.7	2.2
BI	7	2	2	7
CA	22280	25340	39990	26560
CD	.4	1.3	5.2	.8
CO	20	15	17	25

CU	219	423	659	232
FE	54550	63060	83870	53930
K	3240	1510	1450	5460
LI	15	13	15	13
MG	15910	13410	15960	13480

MN	471	655	1112	347
MO	15	32	2	382
NA	2310	920	930	3360
NI	1	3	1	1
P	820	560	830	840

PB	13	14	73	18
SE	1	1	9	3
SR	41	26	34	61
TH	1	1	1	1
U	1	1	1	1

V	135.4	98.7	92.5	139.5
ZN	42	57	176	46
GA	2	1	3	3
SN	2	1	2	4
W	1	1	2	2
CR	81	84	77	102

155-156 159-160 113-164 167-168

HL 88-130



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SPECIALISTS IN MINERAL ENVIRONMENTS
CHEMISTS • ASSAYERS • ANALYSTS • GEOCHEMISTS

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705 WEST 15TH STREET
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TELEFAX: VIA U.S.A. 7601067 • FAX (604) 980-9621

TIMMINS OFFICE:
33 EAST IROQUOIS ROAD
P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9996

Certificate of GEOCHEM

Company: BEMA GOLD CORP.
Project: 88-10 P.O. 86 000010
Attention: G. NORMAN/B. KALHERT/R. BARCLAY

File: 8-2086/P1
Date: NOV 22/88
Type: ROCK GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AU-FIRE PPB	HL 88-134
45 647 1.52 - 4 m	1	
45 648 4-6	2	
45 649 6-8	4	
45 650 8-10	3	
45 651 10-12	3	

45 652 12-14	17	
45 653 14-16	1	
45 654 16-18	3	
45 655 18-20	2	
45 656 20-22	3	

45 657 22-24	2	
45 658 24-26	3	
45 659 26-28	2	
45 660 28-30	1	
45 661 30-32	2	

45 662 32-34	3	
45 663 34-36	2	
45 664 36-38	3	
45 665 38-40	1	
45 666 40-42	1	

45 667 42-44	4	
45 668 44-46	2	
45 669 46-48	2	
45 670 48-50	3	
45 671 50-52	1	

45 672 52-54	3	
45 673 54-56	1	
45 674 56-58	2	
45 675 58-60	1	
45 676 60-62	2	

Certified by _____

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TIMMINS OFFICE:
33 EAST IROQUOIS ROAD
P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9996

Certificate of Geochem

Company: BEMA GOLD CORP.
Project: 88-10 P.O. BG 000010
Attention: G. NORMAN/B. KALHERT/R. BARCLAY

File: 8-2086/P2
Date: NOV 22/88
Type: ROCK GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AU-FIRE	PPB
HL 88-134		
45 677 62-64	16	
45 678 64-66	1	
45 679 66-68	3	
45 680 68-70	10	
45 681 70-72	5	

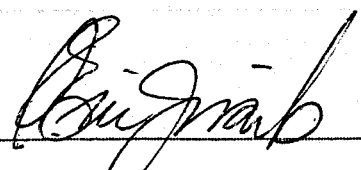
45 682 72-74	84	
45 683 74-76	2600	
45 684 76-78	2	
45 685 78-80	1	
45 686 80-82	3	

45 687 82-84	2	
45 688 84-86	1	
45 689 86-88	1	
45 690 88-90	2	
45 691 90-92	1	

45 692 92-94	1	
45 693 94-96	2	
45 694 96-98	1	
45 695 98-100	2	
45 696 100-102	2	

45 697 102-104	7	
45 698 104-106	4	
45 699 106-108	3	
45 700 108-110	8	
45 701 110-112	1	

45 702 112-114	1	
45 703 114-116	3	
45 704 116-118	2	
45 705 118-120	2	
45 706 120-122	24	

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TIMMINS OFFICE:

33 EAST IROQUOIS ROAD
P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9996

Certificate of Geochem

Company: BEMA GOLD CORP.
Project: 88-10 P.O. BG 000010
Attention: G. NORMAN/B. KALHERT/R. BARCLAY

File: 8-2086/P3
Date: NOV 23/88
Type: ROCK GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AU-FIRE PPB	
		HL 88-134
45 707	122-124	5
45 708	124-126	1
45 709	126-128	3
45 710	128-130	1
45 711	130-132	2

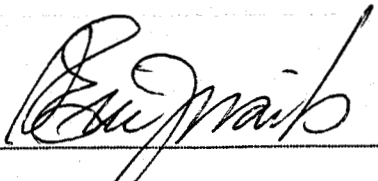
45 712	132-134	2
45 713	134-136	4
45 714	136-138	1
45 715	138-140	6
45 716	140-142	3

45 717	142-144	2
45 718	144-146	2
45 719	146-148	360
45 720	148-149	7
45 721	149-150	490

45 722	150-152	2
45 723	152-154	1
45 724	154-156	1
45 725	156-158	1
45 726	158-160	1

45 727	160-162	4
45 728	162-164	2
45 729	164-166	3
45 730	166-168	2
45 731	168-170	1

45 732	170-172	6
45 733	172-174	12
45 734	174-176	63
45 735	176-178	8
45 736	178-180.44	2 EDH.

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MIN-EN LABORATORIES LTD.

COMPANY: BEMA GOLD CORPORATION

MIN-EN LABS ICP REPORT

(ACT:F31) PAGE 1 OF 3

PROJECT NO: 88-10 P.D. B6 000010

705 2ST TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 8-2086/P1-7

ATTENTION: G.NORMAN/B.KALHERT/R.BARCLAY

(604)980-5814 OR (604)988-4524

* TYPE ROCK GEOCHEM *

DATE: NOVEMBER 23, 1988

(VALUES IN PPM)	AG	AL	AS	B	BA	BE	BI	CA	CD	CO	CU	FE
45647 1.52-4m	.8	17130	8	3	535	.7	10	6120	2.0	22	120	49520
45655 18-20	.6	15310	8	1	292	.7	8	10750	1.1	19	232	65910
45663 34-36	.3	23510	21	7	134	.3	1	29360	2.0	15	243	156670
45671 50-52	.6	22330	11	5	418	1.1	6	16340	10.8	20	138	62300
45679 66-68	1.0	42550	13	11	263	.9	11	23500	.9	23	70	39360
45687 82-84	1.2	28760	7	6	690	1.1	13	8570	.9	25	66	45070
45695 98-100	1.1	28890	7	7	742	1.0	15	8010	.3	25	56	49850
45703 114-116	1.0	43710	28	25	225	.9	10	25870	1.6	23	134	41820
45711 130-132	1.5	18410	10	4	294	.8	13	17830	.9	23	145	56340
45719 146-148	1.6	14990	32	3	76	.7	9	22970	2.7	19	85	42320
45720 148-149	1.5	14020	12	3	91	.8	8	16750	1.4	18	121	47200
45721 149-150	1.5	17420	194	5	85	.7	1	23210	.3	24	236	97950
45727 160-162	1.5	16080	10	4	184	.6	12	15420	2.6	23	56	48650
45735 176-178	.8	24310	10	7	1412	1.0	9	17320	1.3	14	60	81750
45743 14-16	1.0	29400	25	7	1105	.9	9	15590	1.8	23	58	48620
45752 N/S												
45760 48-50	.8	33670	37	10	1056	1.2	9	15570	10.0	21	66	66490
42803 56-58	1.0	21980	18	6	146	.8	3	28660	1.3	12	49	27040
42811 72-74	1.4	30950	13	9	66	1.1	17	24320	2.8	28	52	38790
42819 88-90	1.1	35330	21	9	194	.7	9	19070	1.2	15	33	24790
42827 100-102	1.2	24050	15	6	153	.6	10	13360	1.0	13	36	21550
42835 116-118	1.2	24490	16	5	218	.8	9	13480	1.2	15	62	24350
42843 132-134	1.1	20480	16	4	114	.7	9	12740	2.7	13	40	22300
42846 138-140	1.2	24720	18	6	258	.7	9	12180	.9	15	44	24980
42851 148-150	.9	19300	6	8	95	.2	5	12790	2.7	10	46	24980
42859 164-166	1.0	24260	10	10	294	.2	8	10380	1.2	13	18	23990
42867 180-182	1.1	25250	8	10	254	.4	8	13440	1.0	13	54	28570
42871 188-189	1.0	28820	8	10	251	.3	9	14660	1.0	13	28	25350
42872 189-190	1.3	26620	34	13	231	.1	11	14300	1.9	14	57	31680
42873 190-192	1.1	27300	19	14	263	.1	7	14270	1.2	13	46	27910
42875 194-196	1.0	25510	20	11	255	.2	6	15480	.7	13	23	26740
42881 206-208	1.1	27920	20	13	208	.1	6	18990	1.2	16	56	35410
42887 218-220	.9	26600	21	11	216	.1	5	17780	.8	13	43	31010
42888 220-221	1.5	18360	70	11	136	.4	3	26640	3.6	14	104	39160
42889 221-223	.9	24670	5	12	189	.1	4	20460	1.5	13	34	29270
42897 237-239	.8	46360	28	19	296	.3	8	24910	1.2	18	20	34970

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COMPANY: BEMA GOLD CORPORATION
 PROJECT NO: 88-10 P.O. BG 000010

MIN-EN LABS ICP REPORT
 705 57 TH ST., NORTH VANCOUVER, B.C. V7M 1T2

(ACT:F31) PAGE 2 OF 3
 FILE NO: 8-2086/P1-7

ATTENTION: G.NORMAN/B.KALHERT/R.BARCLAY

(604)980-5814 OR (604)988-4524

* TYPE ROCK GEOCHEM *

DATE: NOVEMBER 23, 1988

(VALUES IN PPM)	K	LI	MG	MN	MO	NA	NI	P	PB	SB	SR	TH
45647 1.52-4m	6700	11	13740	379	4	1240	14	940	17	1	10	1
34 45655 18-20	3830	12	9950	505	38	820	31	1250	20	1	5	1
45663 34-36	5110	11	11590	531	3	830	23	10290	20	1	24	5
45671 50-52	5720	13	13420	529	18	1180	41	3710	17	3	19	1
45679 66-68	5100	13	13060	383	21	3290	6	760	24	1	66	1
45687 82-84	12600	17	15490	734	20	1220	17	890	25	1	28	1
45695 98-100	14480	16	16350	917	11	1450	6	1090	22	1	27	1
45703 114-116	4220	15	13370	385	37	3540	6	760	21	1	66	1
45711 130-132	5020	12	9420	967	12	1380	3	1030	16	1	19	1
45719 146-148	2450	11	7440	1047	10	810	4	920	24	1	15	1
45720 148-149	2280	14	10860	941	12	510	1	1230	19	1	7	1
45721 149-150	2310	15	11570	1728	2	270	1	830	30	5	3	1
45727 160-162	6650	12	12690	738	5	870	2	930	24	1	9	1
45735 176-178	8650	13	9290	237	3	1200	11	4180	18	6	18	1
175 45743 14-16	8630	18	15910	303	5	1460	21	4170	15	1	16	1
45752 N/S												
45760 48-50	11000	19	13770	312	8	1510	51	4410	20	1	31	1
42803 56-58	2990	14	11430	544	5	1490	6	630	24	3	33	1
42811 72-74	1360	17	19080	572	5	2650	27	950	23	2	82	1
33 42819 88-90	3900	13	10690	311	4	3900	7	700	24	2	59	1
42827 100-102	3080	12	9690	227	7	2660	8	580	20	4	42	1
42835 116-118	3890	12	9050	267	17	2870	8	530	21	3	44	1
42843 132-134	2580	12	8840	279	5	2050	11	540	19	3	33	1
42846 138-140	4550	11	8650	234	7	3170	8	560	24	4	44	1
42851 148-150	1850	14	8770	369	4	1510	1	690	15	1	33	1
42859 164-166	4910	11	7710	534	1	2640	3	670	13	2	45	1
42867 180-182	4400	12	8610	420	2	2700	3	770	9	1	51	1
42871 188-189	4500	12	8040	433	3	3510	2	710	13	1	55	1
42872 189-190	4190	11	8340	352	2	3060	3	660	17	2	52	1
42873 190-192	4870	12	9110	522	2	2940	1	720	14	2	51	1
42875 194-196	4790	11	7950	660	3	2830	3	710	15	1	48	1
42881 206-208	4300	11	9600	604	2	2580	1	790	18	2	51	1
42887 218-220	4420	11	9050	617	2	2330	1	740	14	1	45	1
42888 220-221	3330	10	8640	776	1	1370	3	680	14	14	53	1
42889 221-223	4360	11	10030	634	1	2160	2	770	17	2	47	1
42897 237-239	6860	13	12000	510	1	4930	2	1010	16	1	80	1

COMPANY: BEMA GOLD CORPORATION

MIN-EN LABS ICP REPORT

(ACT:F31) PAGE 3 OF 3

PROJECT NO: 88-10 P.O. BG 000010

705

TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 8-2086/P1-7

ATTENTION: G.NORMAN/B.KALHERT/R.BARCLAY

(604)980-5814 OR (604)988-4524

* TYPE ROCK GEOCHEM *

DATE: NOVEMBER 23, 1988

(VALUES IN PPM)	U	V	ZN	GA	SN	W	CR
45647 1.52-4m	1	212.4	67	1	1	1	92
45655 18-20	1	211.0	110	1	1	1	116
45663 34-36	1	317.6	113	1	1	1	137
45671 50-52	1	261.1	385	1	1	2	125
45679 66-68	1	115.3	49	2	1	1	90
45687 82-84	1	156.0	89	1	3	2	111
45695 98-100	1	169.7	85	1	3	1	61
45703 114-116	1	108.1	43	2	1	1	97
45711 130-132	1	103.7	65	1	3	1	94
45719 146-148	1	73.0	84	1	2	2	97
45720 148-149	1	61.6	68	2	1	2	95
45721 149-150	1	74.1	115	1	1	1	105
45727 160-162	1	117.7	69	2	2	2	101
45735 176-178	1	157.4	56	1	2	1	96
45743 14-16	1	190.5	119	1	2	2	133
45752 N/S							
45760 48-50	1	276.4	325	1	2	2	139
42803 56-58	1	65.9	48	2	1	3	122
42811 72-74	1	151.2	53	2	4	1	68
42819 88-90	1	76.5	33	2	1	2	99
42827 100-102	1	61.4	31	2	1	3	99
42835 116-118	1	61.1	31	2	1	4	130
42843 132-134	2	59.7	29	2	1	3	113
42846 138-140	1	58.8	29	2	2	5	137
42851 148-150	1	54.1	41	1	1	1	107
42859 164-166	1	58.2	51	1	2	1	93
42867 180-182	1	56.7	43	2	2	1	84
42871 188-189	1	59.8	37	1	3	2	106
42872 189-190	1	57.4	36	1	2	4	110
42873 190-192	1	61.8	52	1	2	1	86
42875 194-196	1	56.0	66	2	2	1	93
42881 206-208	1	69.9	62	2	3	1	100
42887 218-220	1	69.5	56	1	2	1	95
42888 220-221	1	49.0	62	3	1	238	103
42889 221-223	1	68.0	59	1	1	3	81
42897 237-239	1	101.0	58	1	3	3	86



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TELEX: VIA U.S.A. 7601067 • FAX (604) 980-9621

TIMMINS OFFICE:

33 EAST IROQUOIS ROAD
P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9996

Certificate of GEOCHEM

Company: BEMA GOLD CORP.
Project: BB-10 P.D. BG 000010
Attention: G. NORMAN/B. KALHERT/R. BARCLAY

File: B-2086/P4
Date: NOV 22/88
Type: ROCK GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AU-FIRE PPB	
45 742 12-14	2	LK 88-135
45 743 14-16	4	
45 744 16-18	16	
45 745 18-20	9	
45 746 20-22	3	
45 751	NO SAMPLE	
45 752	NO SAMPLE	
45 753	NO SAMPLE	
45 754	NO SAMPLE	
45 755	NO SAMPLE	
45 756 40-42	NO SAMPLE	
45 757 42-44	12	
45 758 44-46	2	
45 759 46-48	1	
45 760 48-50	3	
45 761 50-52	1	
42 803 56-58	18	LK 88-133
42 804 58-60	2	
42 805 60-62	7	
42 806 62-64	3	
42 807 64-66	22	
42 808 66-68	2	
42 809 68-70	3	
42 810 70-72	1	
42 811 72-74	2	
42 812 74-76	2	
42 813 76-78	1	
42 814 78-80	5	
42 815 80-82	2	
42 816 82-84	9	

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Certificate of Geochem

Company: BEMA GOLD CORP.
Project: 88-10 P.O. BG 000010
Attention: G. NORMAN/B. KALHERT/R. BARCLAY

File: 8-2086/P5
Date: NOV 22/88
Type: ROCK GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AU-FIRE PPB
42 817 84-86	14
42 818 86-88	1
42 819 88-90	3
42 820 90-91	22
42 821 91-92	31
LR 88-133	
42 822 92-93	2
42 823 93-94	1
42 824 94-96	1
42 825 96-98	2
42 826 98-100	53
42 827 100-102	112
42 828 102-104	1
42 829 104-106	3
42 830 106-108	1
42 831 108-110	1
42 832 110-112	9
42 833 112-114	13
42 834 114-116	2
42 835 116-118	6
42 836 118-120	18
42 837 120-122	3
42 838 122-124	2
42 839 124-126	7
42 840 126-128	3
42 841 128-130	1
42 842 130-132	4
42 843 132-134	2
42 844 134-136	5
42 845 136-138	12
42 846 138-140	8

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Certificate of Geochem

Company: BEMA GOLD CORP.
Project: 88-10 P.O. BG 000010
Attention: G. NORMAN/B. KALHERT/R. BARCLAY

File: 8-2086/P6
Date: NOV 23/88
Type: ROCK GEOCHEM

We hereby certify the following results for samples submitted.

Sample AU-FIRE
Number FPB

LK 88-133

42 847 140-142 4
42 848 142-144 3
42 849 144-146 1
42 850 146-148 4
42 851 148-150 5

42 852 150-152 2
42 853 152-154 3
42 854 154-156 4
42 855 156-158 2
42 856 158-160 2

42 857 160-162 2
42 858 162-164 5
42 859 164-166 5
42 860 166-168 1
42 861 168-170 2

42 862 170-172 1
42 863 172-174 1
42 864 174-176 24
42 865 176-178 5
42 866 178-180 1

42 867 180-182 10
42 868 182-184 12
42 869 184-186 8
42 870 186-188 7
42 871 188-189 5

42 872 189-190 310
42 873 190-192 8
42 874 192-194 2
42 875 194-196 2
42 876 196-198 1

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Certificate of Geochem

Company: BEMA GOLD CORP.
Project: 88-10 P.O. BG 000010
Attention: G. NORMAN/B. KALHERT/R. BARCLAY

File: 8-2086/P7
Date: NOV 23/88
Type: ROCK GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AU-FIRE PFB	
		LK 88 - 133
42 877 198-200	3	
42 878 200-202	2	
42 879 202-204	4	
42 880 204-206	1	
42 881 206-208	20	

42 882 208-210	2	
42 883 210-212	1	
42 884 212-214	3	
42 885 214-216	1	
42 886 216-218	1	

42 887 218-220	2	
42 888 220-221	182	
42 889 221-223	2	
42 890 223-225	1	
42 891 225-227	6	

42 892 227-229	2	
42 893 229-231	1	
42 894 231-233	4	
42 895 233-235	1	
42 896 235-237	1	

42 897 237-239	3	
42 898 239-241	1	
42 899 241-243, 23	2	
42 900	2	

Certified by _____

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