

SEND
TO

K DAWSON
GSC

675945
Erikson Cr.
104 P/4

FROM

R Bassett

DEPT.

Geol

DATE

Feb 23/83

SUBJECT

CARBONATE STUDY

Four samples of carbonate flooding and alteration were taken from ERICKSON GOLD MINE labelled 0096 - 0099. Sample sheets from Mincen showing geochemical results are enclosed.

The four sample pulps enclosed are to be sent to Ottawa for X-ray diffraction.

The location & sample descriptions are as follows:

0096 - 28 Maura vein ^{hanging} wall of actual vein quartz-carb mixture

0097 - 21 Maura - altered volcanics in hw of vein

REPLY

0098 - McDame Vn qtz-carb vein

0099 - 28 west highly carbonate altered volcanics

REPLY FROM

REPLY DATE

	0096	0097	0098	0099
Ca	17.5%	6.23%	13.1%	6.2%
Mg	8.6%	3.7%	6.7%	4.1%
Fe	3.7%	5.8%	3.4%	7.8%
Mn	0.7%	0.1%	0.4%	0.2%
Al	0.1%	3.7%	0.3%	6.9%
Si	8.2%	30.3%	18.4%	21.7%
K	.01%	1.0%	.1%	1.0%
Na	.07%	0.2%	.06%	0.2%

FILE NAME: 3-2/*
 ACT NAME: AJM

DATE: JANUARY 17, 1983
 COMPANY: AJM EXP.
 PROJECT: 1003

----- CONCENTRATION IN PPM -----

	0096	0097	0098	0099
AG	40.7	13.4	7.0	4.2
AS	294	115	37	154
BI	0	11	0	13
CD	26.9	11.9	13.0	15.8
CO	11	28	9	46
CU	92	176	7	57
MO	18	17	16	19
NI	34	89	30	102
PB	129	81	116	74
SB	28	32	20	13
TH	96	52	80	59
U	0	0	0	0
V	41.3	39.1	26.1	65.4
ZN	89	206	0	73
AL	1120	37100	2590	68600
BA	0	382	0	359
BE	0	0	0	0
CA	175000	62300	131000	62000
CR	162	388	279	318
FE	37500	57800	33800	77900
LI	56	68	73	88
MG	85800	36600	67200	41500
MN	7260	1350	3630	2320
NA	690	1920	622	2210
NB	0	0	8	2
SI	81700	303000	184000	217000
SR	155	333	155	273
TI	42	3090	59	6930
AU	1	0	1	0
B	8	0	18	0
GE	208	110	240	162
K	147	9960	1010	10400
P	197	273	494	233
PD	0	0	2	0
PT	1	0	0	0
RB	185	137	323	90
SE	12	3	19	17
SN	0	2	0	3
W	0	35	4	21
ZR	0	27	0	57

25 maura vein Hw
21 maura Hw volc
McDane vein
28 W volc