

82K/4W

520072

H.J. Claumis

ICP GEOCHEMICAL ANALYSIS

A .500 GRAM OF SAMPLE IS DIGESTED WITH 3 ML OF 3:1:3 NITRIC ACID
TO HYDROCHLORIC ACID TO WATER AT 90 DEG C FOR 1 HOUR. THE SAMPLE
IS DILUTED WITH WATER TO 10.0 MLS.

THE RESULTS ARE REPORTED IN PPM EXCEPT FOR FE, CA, P, MG, BA, AND
AL WHICH IS IN PERCENT.

THIS LEACH IS PARTIAL FOR CA, P, MG, AL, TI, LA. AND W.

VERY LITTLE BA IS DISSOLVED.

IS = INTERNAL STANDARD.

*HO/HA - 26 MOUNTAIN PACIFIC RES. FILE# 80-1423 PAGE 4(END
EGC

BURN # 1 GE16 122:57

IS

1338

MO	CU	PB	ZN	AG	NI	CO	MN	FE %	AS
2.06	11.6	10.9	81.1	.563	20.2	6.50	105	1.375	2.98
U	IS	TH	IS	CD	SB	BI	V	CA %	P %
-3.2	.450	3.79	-60	1.22	-1.4	4.43	18.8	.0838	.060
LA	IN	MG %	BA %	TI %	B	AL %	IS	IS	W
14.1	.677	.2453	.0097	.0741	12.7	2.009	-3.2	11.7	.640

*HO/HA - 27
EGC

BURN # 1 GE16 122:58

1338

3.59	35.8	12.7	82.4	.234	40.6	9.91	290	1.973	.905
-1.1	.426	4.76	-271	1.58	-1.9	4.30	27.7	.2891	.089
21.9	1.89	.6691	.0090	.0595	17.7	1.146	19.0	9.20	.492

*O/HA - 28
EGC

BURN # 1 GE16 122:59

1339

3.50	34.4	10.6	77.0	.349	31.6	8.05	184	1.871	-1.6
-2.6	.382	6.22	-218	1.35	-2.2	3.99	25.6	.2452	.083
21.9	1.38	.4862	.0067	.0681	16.7	1.183	13.9	10.8	.791

*O/HA - 29
EGC

BURN # 1 GE16 123:00

1339

3.07	29.4	9.52	54.2	.152	25.5	6.37	255	1.689	-1.0
-2.4	.234	6.27	-120	1.03	-.85	4.16	20.8	.1470	.039
27.7	1.69	.6021	.0065	.0312	15.1	1.227	14.0	5.18	.256

*O/HA - 30
EGC

BURN # 1 GE16 123:01

1339

2.56	30.1	10.8	64.9	.130	26.8	6.54	249	1.718	.865
1.06	.426	4.89	-153	1.32	-3.0	4.68	21.7	.1827	.046
25.4	.830	.5888	.0071	.0309	15.2	1.351	12.2	5.20	.413

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H0/HA - 31

EGC

BURN # 1 GE16 123:02

IS

1339

MO	CU	PB	ZN	AG	NI	CO	MN	FE%	AS
2.77	27.9	5.47	53.2	.145	25.1	4.97	189	1.398	.593
U	IS	TH	IS	CD	SB	BI	V	CA%	P%
-2.3	.277	4.96	-107	1.01	-1.0	2.82	17.3	.1336	.040
LA	IN	MG%	BA%	TI%	B	AL%	IS	IS	W
21.6	.958	.4850	.0062	.0260	12.7	1.065	8.71	4.11	.550

*H0/HA - 32

EGC

BURN # 1 GE16 123:03

1339

2.49	21.5	5.99	52.9	.210	22.3	4.60	131	1.316	-.52
-.65	.296	4.32	-72	.915	-.56	3.96	18.7	.0986	.027
20.4	.227	.4575	.0063	.0323	11.8	1.129	6.52	5.10	.417

*0/HA - 33

EGC

BURN # 1 GE16 123:04

1339

2.74	19.9	4.49	40.4	.106	16.1	3.39	89.1	1.198	-.43
-2.9	.104	4.60	-62	.608	-.38	3.12	15.9	.0804	.016
23.6	.156	.4390	.0051	.0177	10.8	.8690	9.05	2.87	.022

*0/HA - 34

EGC

BURN # 1 GE16 123:05

1339

2.01	13.8	9.04	110	1.18	28.7	7.04	121	1.655	2.03
-1.6	.460	5.35	-71	1.34	-3.4	4.07	20.3	.1009	.181
18.1	.742	.2250	.0180	.0847	15.5	3.190	-5.6	13.4	.310

*0/HA - 35A

EGC

BURN # 1 GE16 123:05

1339

2.60	23.6	8.67	87.2	.074	29.5	6.19	159	1.732	-.84
.720	.405	6.02	-122	1.30	-2.0	4.24	24.2	.1488	.051
24.2	1.57	.4558	.0046	.0292	15.4	1.076	10.3	4.68	.756

*0/HA - 35B

EGC

BURN # 1 GE16 123:07

1339

1.96	22.9	9.64	51.3	.321	23.1	5.54	216	1.499	1.30
-3.7	.183	5.58	-171	1.13	-1.5	3.90	20.4	.1945	.039
22.2	.459	.3893	.0094	.0442	15.2	1.494	11.0	7.07	.387

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HO/HA - 36

EGC

BURN # 1 GE16 123:08

IS

1339

MO	CU	PB	ZN	AG	NI	CO	MN	FE%	AS
2.01	24.2	7.90	88.1	.425	28.5	7.15	218	1.593	.670
U	IS	TH	IS	CD	SB	BI	V	CA%	P%
-.91	.206	4.29	-98	1.24	-1.0	4.06	22.5	.1323	.061
LA	IN	MG%	BA%	TI%	B	AL%	IS	IS	W
18.8	1.91	.5461	.0108	.0554	14.1	1.351	8.18	8.42	.202

*HO/HA - 37

EGC

BURN # 1 GE16 123:09

1339

2.91	23.4	13.7	488	.700	43.6	9.01	250	1.996	2.52
-2.2	.606	5.36	-79	4.32	-1.3	4.28	31.3	.1069	.130
19.7	.380	.4198	.0147	.0712	18.2	2.547	-66	11.2	.432

*O/HA - 38

EGC

BURN # 1 GE16 123:10

1339

1.75	13.5	14.0	195	.455	20.7	5.72	249	1.369	.516
-1.7	.458	3.24	-78	3.01	-1.3	3.82	19.1	.1054	.146
15.7	.588	.2270	.0086	.0431	12.3	1.558	-23	6.57	.471

*O/HA - 39

EGC

BURN # 1 GE16 123:10

1339

1.59	21.4	6.69	86.6	.265	21.6	5.28	133	1.285	-.44
-1.9	.292	4.63	-116	1.88	-1.3	2.98	16.9	.1472	.087
16.6	-.43	.2712	.0054	.0258	11.2	.8671	.595	4.11	.037

*O/HA - 40

EGC

BURN # 1 GE16 123:11

1339

2.09	13.7	7.17	264	.453	44.6	7.50	136	1.576	1.32
-1.6	.430	3.76	-79	2.28	-1.8	3.56	28.7	.1030	.076
17.7	1.29	.3488	.0150	.0581	14.0	1.691	-20	8.86	.203

*O/HA - 41

EGC

BURN # 1 GE16 123:12

1339

2.34	19.5	15.0	393	.444	92.2	8.67	178	1.764	-.08
-.52	.400	3.52	-111	2.09	-2.9	4.24	35.3	.1391	.076
17.3	.197	.4051	.0133	.0759	16.2	1.646	-50	11.7	-.62

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HO/HA - 42

EGC

BURN # 1 GE16 123:13

IS

1339

MO	CU	PB	ZN	AG	NI	CO	MN	FE %	AS
4.82	63.9	14.3	305	.255	74.6	12.3	258	2.729	-.63
U	IS	TH	IS	CD	SB	BI	V	CA %	P %
1.67	.694	6.000	-210	2.78	-3.8	4.62	46.3	.2356	.091
LA	IN	MG %	BA %	TI %	B	AL %	IS	IS	W
30.3	1.69	.9151	.0125	.0754	23.8	1.886	-5.2	11.8	-.19

*HO/HA - 43

EGC

BURN # 1 GE16 123:14

1339

3.12	23.2	11.2	179	.271	37.9	8.56	332	1.957	1.92
-2.6	.342	4.44	-104	1.80	-4.0	4.39	34.4	.1312	.178
16.9	.929	.4344	.0098	.0498	17.6	1.693	-.14	7.55	.167

*O/HA - 44

EGC

BURN # 1 GE16 123:15

1339

1.82	14.5	8.35	83.6	.362	21.4	4.55	131	1.196	-.04
-2.3	.345	2.67	-93	.998	-.91	3.43	22.7	.1121	.047
16.1	-.17	.3212	.0053	.0267	10.2	.8506	5.70	4.10	.661

*O/STD M-1

our standard soil

EGC

BURN # 1 GE16 123:16

1339

2.45	29.2	46.8	218	.411	32.5	12.1	698	2.484	6.69
3.12	.552	2.35	-1154	2.55	-1.6	4.46	51.2	.7225	.124
16.9	2.78	.7235	.0249	.0780	22.4	1.981	37.7	11.9	.365

*O/RE: HA - 34

re ren

EGC

BURN # 1 GE16 123:17

1338

2.11	15.1	11.7	120	1.25	30.4	7.45	132	1.728	1.12
-3.3	.715	5.80	-118	1.64	-2.4	4.25	22.1	.1131	.188
18.2	.315	.2372	.0189	.0892	14.8	3.368	-2.8	13.9	.106

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