

NAME

W. H^c Millon

DATE REC'D Nov 6/79

NO. OF SAMPLES 20

LAB. No.	MARK	LABORATORY REPORT <i>Semi Quant Spec</i>									FILE	DATE OUT	DATE IN	SUBJECT	
		<i>Trace Element</i>	Ba	Ag	Ba	Co	Cu	Pb	Hg	Zn					
223444	CC1 - 68.7														
5	- 71.5														
6	- 75.5														
7	- 79.5														
8	- 83.5														
9	CC11 - 29.5														
223501	CC12 - 217.5														
1	CC14 - 176.5														
2	- 181.5														
3	- 185.5														
4	- 190.5														
5	CC26 - 37.5														
6	- 45.5														
7	- 49.5														
8	- 56.5														
9	CC17 - 19.9														

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LAB. NO.	MARK	Au	Ag	Ba	Co	Cu	Pb	Mo	Zn
22360H	0217 -22.5								
1	-31.5								
2	-83.5								
3	-49.5								
22344M		Si 1.00	Al 0.75	Mg 0.15	Ca <1.0	Fe >20.0	Pb 0.05	Cu 2.5	Zn >2.0
		Mn 0.05	Ag T+ V T	Ti T	Ni T	Co 0.07	Na -	K -	
		Sno.1, Ba 0.08		Tr: Bi, Mo, Cd, Zn, Sr, Cu, W					
45		Si 1.00	Al 0.5	Mg 0.7	Ca <1.0	Fe >20.0	Pb 0.05	Cu 1.25	Zn 0.015
		Mn T	Ag T+ V T	Ti T	Ni T	Co 0.02	Na -	K -	
		Mo 0.07, Sno.07, Sro.04, Ba >5.0		Tr: Bi, Zn, Cu, W					
46		Si 1.00	Al 0.5	Mg 0.4	Ca <1.0	Fe >20.0	Pb 0.05	Cu 0.55	Zn 0.4
		Mn 0.015	Ag T+ V -	Ti T	Ni T	Co 0.04	Na -	K -	
		As 0.03, Mo 0.02, Sno.01, Ba 0.08		Tr: Cd, Zn, Sr, Cu, W					
47		Si 1.00	Al 0.5	Mg 0.07	Ca <1.0	Fe >20.0	Pb 0.04	Cu 0.75	Zn 0.015
		Mn 0.01	Ag T+ V T	Ti T	Ni T	Co 0.025	Na -	K -	
		Sno.02, Ba >2.0		Tr: Bi, Mo, Zn, Sr, Cu, W					

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22348M		Si 1.00	Al 0.5	Mg 0.1	Ca <1.0	Fe >20.0	Pb 0.01	Cu 0.6	Zn 0.025				
		Mn 0.015	Ag T+ V T	Ti T	Ni T	Co 0.02	Na -	K -					
		Sno.02, Ba >1.0		Tr: Mo, Zn, Sr, Cu, W									
49		Si 1.00	Al 0.6	Mg 0.1	Ca 1.5	Fe >20.0	Pb T	Cu 1.0	Zn 0.02				
		Mn 0.02	Ag T+ V T	Ti T	Ni T	Co 0.06	Na -	K -					
		As 0.04, Mo 0.01, Ba 0.16		Tr: Bi, Zn, Sr, Cu, W									
22350M		Si 1.00	Al 0.7	Mg 0.85	Ca 1.0	Fe >20.0	Pb 0.04	Cu 1.75	Zn 0.07				
		Mn 0.03	Ag T+ V -	Ti T	Ni T	Co 0.035	Na -	K -					
		As 0.07, Ba 0.025		Tr: Bi, Mo, Sn, Zn, Sr, Cu									
51		Si 1.00	Al 0.7	Mg 0.6	Ca >1.0	Fe >20.0	Pb 0.05	Cu 1.0	Zn 0.25				
		Mn 0.05	Ag T+ V T	Ti T	Ni T	Co 0.04	Na -	K -					
		Sro.03, Ba 0.05		Tr: Bi, Mo, Zn, Cu, W									
52		Si 1.00	Al 0.6	Mg 1.0	Ca 1.25	Fe >20.0	Pb 0.025	Cu 1.0	Zn 0.25				
		Mn 0.02	Ag T+ V T	Ti T	Ni T	Co 0.025	Na -	K -					
		Mo 0.01, Sno.03, Sro.02, Ba >5.0		Tr: Bi, Zn, Cu									
53		Si 1.00	Al 0.65	Mg 1.5	Ca <1.0	Fe >20.0	Pb 0.05	Cu 1.0	Zn 0.5				
		Mn 0.015	Ag T+ V T	Ti T	Ni T	Co 0.04	Na -	K -					
		As 0.03, Sno.02, Sro.025, Ba >5.0		Tr: Mo, Zn, Cu, W									

LAB. NO.	MARK	ANALYSIS
22354M		SI <u>As</u> 0.5 Mg 0.25 Ca 1.5 Fe >20.0 <u>Pb</u> 0.19 <u>Cu</u> 0.17 <u>Zn</u> 0.35 Mn 0.06 Ag T+ V - F1 T N1 T <u>Co</u> T Na - K - Tr: Mo, Sn, Zn, Cu, W As 0.04, S 20.05, Ba 5.0
55	?	SI <u>As</u> 0.5 Mg 0.02 Ca <1.0 Fe >20.0 <u>Pb</u> T <u>Cu</u> 1.0 <u>Zn</u> T Mn 0.015 Ag T+ V T F1 T N1 T <u>Co</u> 0.12 Na 0.02 K - Tr: Sn, Zn, Sr, Cu, W Sb 0.04, As 0.03, Mo 0.02, Ba 0.02
56		SI <u>As</u> 0.5 Mg 0.2 Ca <1.0 Fe >20.0 <u>Pb</u> T <u>Cu</u> 0.3 <u>Zn</u> 0.3 Mn 0.015 Ag T V T F1 T N1 T <u>Co</u> 0.14 Na - K - Tr: Zn, Sr, Cu, W As 0.02, Mo 0.025, Ba 0.01
57		SI <u>As</u> 0.1 Mg 2.0 Ca <1.0 Fe >20.0 <u>Pb</u> N.D. <u>Cu</u> 0.05 <u>Zn</u> 0.02 Mn 0.01 Ag T+ V T F1 T N1 T <u>Co</u> 0.015 Na - K - Tr: Zn, Cu, Ba, W Mo 0.025
58		SI <u>As</u> 0.25 Mg 1.5 Ca <1.0 Fe >20.0 <u>Pb</u> N.D. <u>Cu</u> T <u>Zn</u> T Mn T Ag - V - F1 T N1 T <u>Co</u> <0.01 Na 0.02 K - Tr: Mo, Zn, Cu, W Ba 0.01
59		SI <u>As</u> 0.5 Mg 0.03 Ca <1.0 Fe >20.0 <u>Pb</u> 0.02 <u>Cu</u> >5.0 <u>Zn</u> 0.25 Mn 0.01 Ag T+ V - F1 T N1 0.01 <u>Co</u> 0.07 Na - K - Tr: Bi, Zn, Sr, Cu, W As 0.04, Mo 0.01, Sn 0.01, Ba 0.04

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22360M		SI <u>As</u> 0.3 Mg T Ca <1.0 Fe >20.0 <u>Pb</u> T <u>Cu</u> 0.7 <u>Zn</u> 0.02 Mn 0.015 Ag T V T F1 T N1 T <u>Co</u> 0.01 Na - K - Tr: Bi, Mo, Zn, Cu, W As 0.05, Ba 0.015				
61		SI <u>As</u> 0.5 Mg 0.03 Ca <1.0 Fe >20.0 <u>Pb</u> 0.05 <u>Cu</u> 1.0 <u>Zn</u> 0.04 Mn 0.03 Ag T+ V T F1 T N1 T <u>Co</u> T Na - K - Tr: Bi, Mo, Zn, Sr, Cu, W As 0.05, Sn 0.01, Ba 0.025				
62		SI <u>As</u> 0.5 Mg 0.1 Ca <1.0 Fe >20.0 <u>Pb</u> 0.01 <u>Cu</u> 0.55 <u>Zn</u> 0.03 Mn 0.015 Ag T+ V T F1 T N1 T <u>Co</u> 0.025 Na - K - Tr: Mo, Zn, Sr, Cu, W Sn 0.017, Ba 1.0				
63		SI <u>As</u> 0.1 Mg 2.0 Ca <1.0 Fe >20.0 <u>Pb</u> N.D. <u>Cu</u> 0.06 <u>Zn</u> 0.02 Mn 0.01 Ag T+ V T F1 T N1 T <u>Co</u> 0.016 Na - K - Tr: Zn, Cu, Ba, W Mo 0.025				