

Chemical Analyses and Norms of
Mt. Shasta Strat Test 88-12 Volcanic Rocks

	<u>88-12-1</u>	<u>88-12-1A</u>
Depth	710'	710'
Elevation	4,830'	4,830'
SiO ₂	65.77	65.53
TiO ₂	0.45	0.46
Al ₂ O ₃	16.42	16.41
Fe ₂ O ₃	4.16	4.01
FeO	0.0	0.0
MnO	0.06	0.06
MgO	2.12	2.12
CaO	4.33	4.32
Na ₂ O	3.33	3.31
K ₂ O	2.02	2.02
P ₂ O ₅	0.10	0.10
H ₂ O+	0.65	0.65
H ₂ O-	<u>0.51</u>	<u>0.51</u>
Total	99.92	99.50
q	26.51	26.41
c	1.12	1.16
or	11.94	11.93
ab	28.18	28.01
an	20.83	20.78
di-wo	0.0	0.0
di-en	0.0	0.0
di-fs	0.0	0.0
hy-en	5.28	5.28
hy-fs	0.0	0.0
mt	0.0	0.0
il	0.13	0.13
hm	4.16	4.01
tn	0.0	0.0
ru	0.38	0.39
ap	0.24	0.24
Total	98.76	98.34
Femic	10.19	10.05
Salic	88.57	88.29

All values are in weight percent

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Trace Element Analyses
Medicine Lake Strat Test 88-12

Sample	<u>88-12-1</u>
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S*	<0.05
Cl	<50.0
V	63.41
Ni	<20.0
Cu	<20.0
Zn	28.92
Rb	47.29
Sr	506.15
Zr	127.35
Ba	443.61
Pb	<40.0

All trace elements except S are in ppm

*Weight percent

WELL SAMPLE LOCATIONS
WELL 88-12

<u>Sample #</u>	<u>Depth (ft)</u>	<u>Analysis</u>
88-12-1	710	TS WRX
88-12-2	896	TS WRX
88-12-3	905	TS

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