ARL ANALYTICAL RESEARCH LABS, INC.

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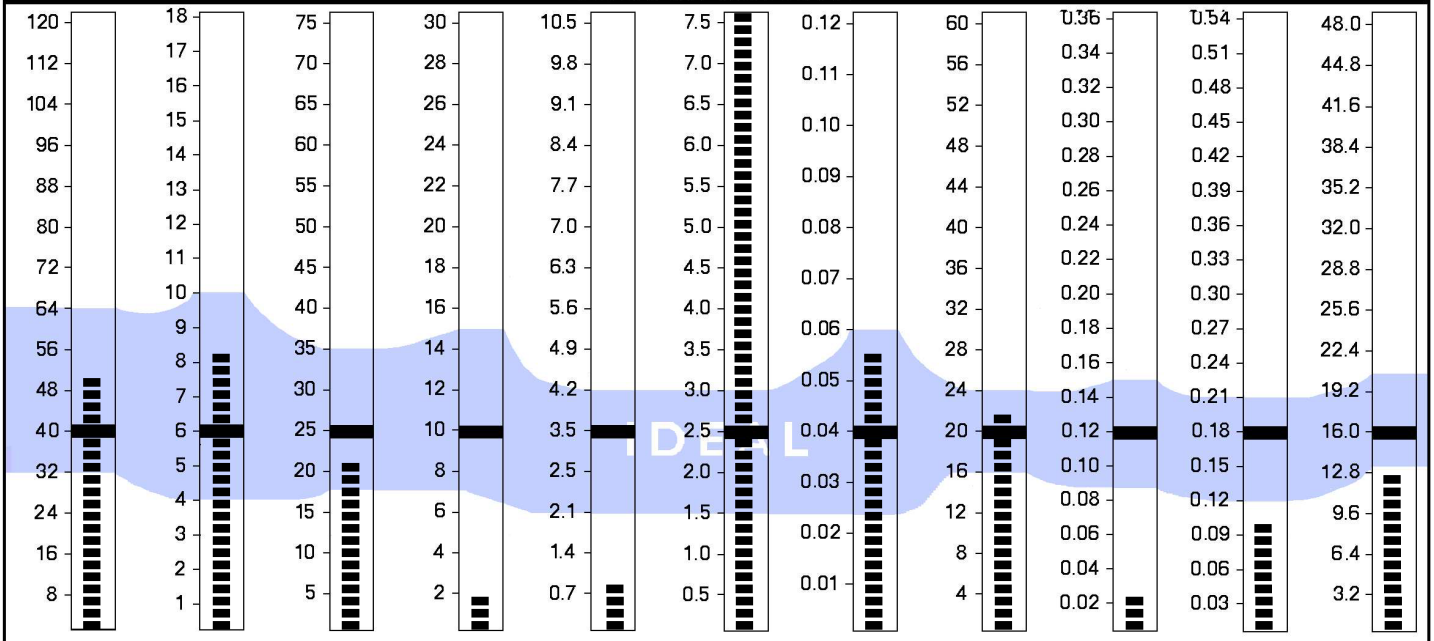
[redacted]

Will Houghton

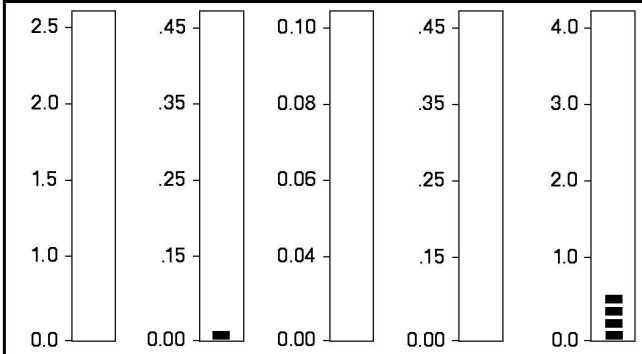
SEX:	AGE:	DATE:	LAB NO.
F	83	8/4/2025	[redacted]

NUTRIENT MINERALS



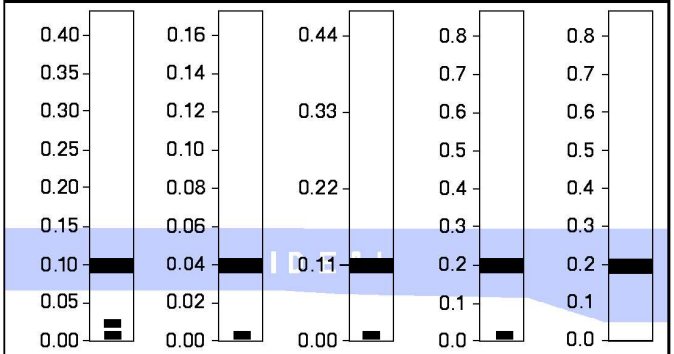
CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	POTASSIUM (K)	IRON (Fe)	COPPER (Cu)	MANGANESE (Mn)	ZINC (Zn)	CHROMIUM (Cr)	SELENIUM (Se)	PHOSPHORUS (P)
50.0	8.0	21.0	2.0	0.8	8.7	0.053	21.0	0.021	0.092	12.0
PREVIOUS TEST	PREVIOUS TEST	PREVIOUS TEST	PREVIOUS TEST	PREVIOUS TEST	PREVIOUS TEST	PREVIOUS TEST	PREVIOUS TEST	PREVIOUS TEST	PREVIOUS TEST	PREVIOUS TEST
65.0	8.0	19.0	2.0	0.6	3.6	0.023	16.0	0.041	0.069	12.0

TOXIC METALS



LEAD (Pb)	MERCURY (Hg)	CADMIUM (Cd)	ARSENIC (As)	ALUMINUM (Al)
0.026	0.012	0.002	0.007	0.57
PREVIOUS TEST	PREVIOUS TEST	PREVIOUS TEST	PREVIOUS TEST	PREVIOUS TEST
0.013	0.007	0.002	0.007	0.33

ADDITIONAL MINERALS



NICKEL (Ni)	COBALT (Co)	MOLYBDENUM (Mo)	LITHIUM (Li)	BORON (B)
0.027	0.005	0.002	0.001	N/A
PREVIOUS TEST	PREVIOUS TEST	PREVIOUS TEST	PREVIOUS TEST	PREVIOUS TEST
0.025	0.004	0.002	0.004	N/A

SIGNIFICANT MINERAL RATIOS

MINERAL RATIO	IDEAL RATIO	CURRENT RATIO	% OF IDEAL	PREVIOUS RATIO	LOW	IDEAL	HIGH
CA/MG	6.67	6.25	94	8.13			
CA/K	4.00	25.00	625	32.50			
NA/MG	4.17	2.63	63	2.38			
NA/K	2.50	10.50	420	9.50			
ZN/CU	8.00	2.41	30	4.44			
CA/P	2.50	4.17	167	5.42			

MIXED OXIDIZER [ ] FAST OXIDIZER [ ] SLOW OXIDIZER [***]

N/A -- NOT AVAILABLE REPORTED IN Mg/% Testing by ACCUTRACE LABORATORIES, INC. • CLIA# 03D0641886 • Phoenix, AZ USA 85021 COPYRIGHT © 1981-2002 by ANALYTICAL RESEARCH LABORATORIES, INC. ARL-10 3/07