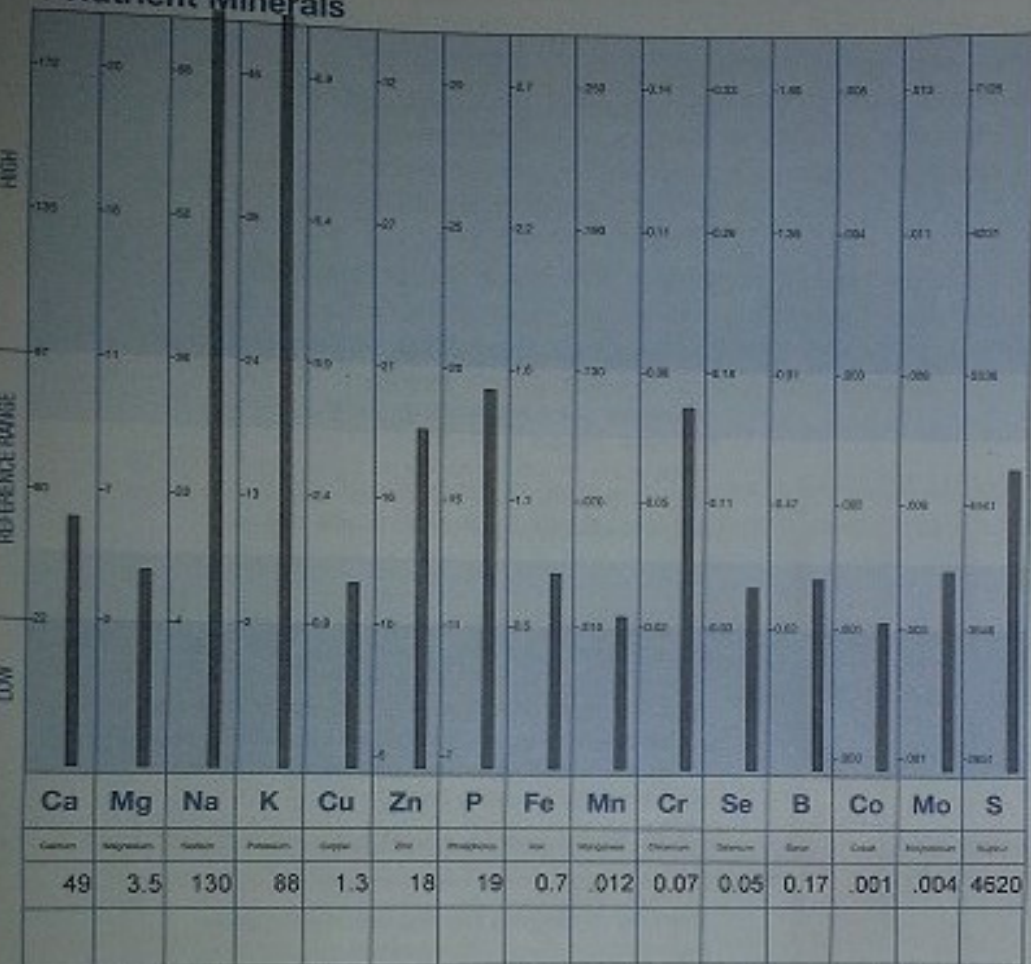
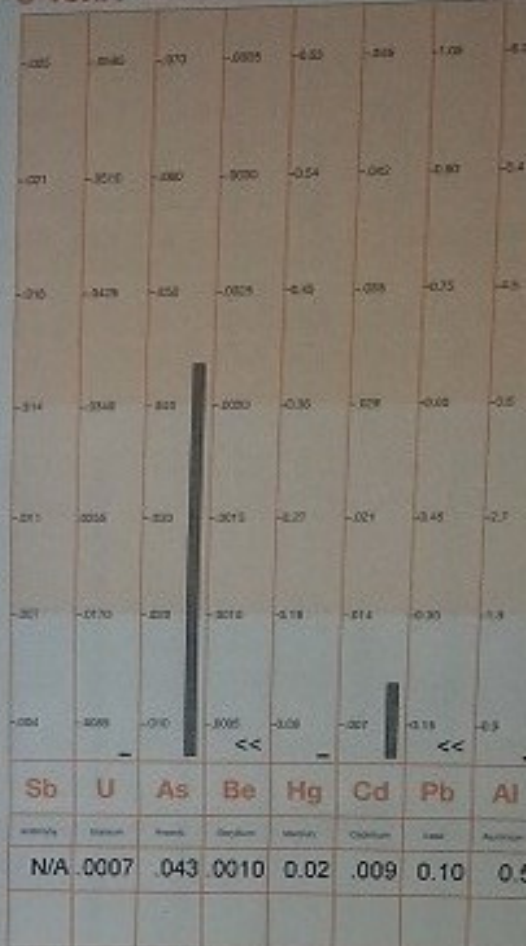


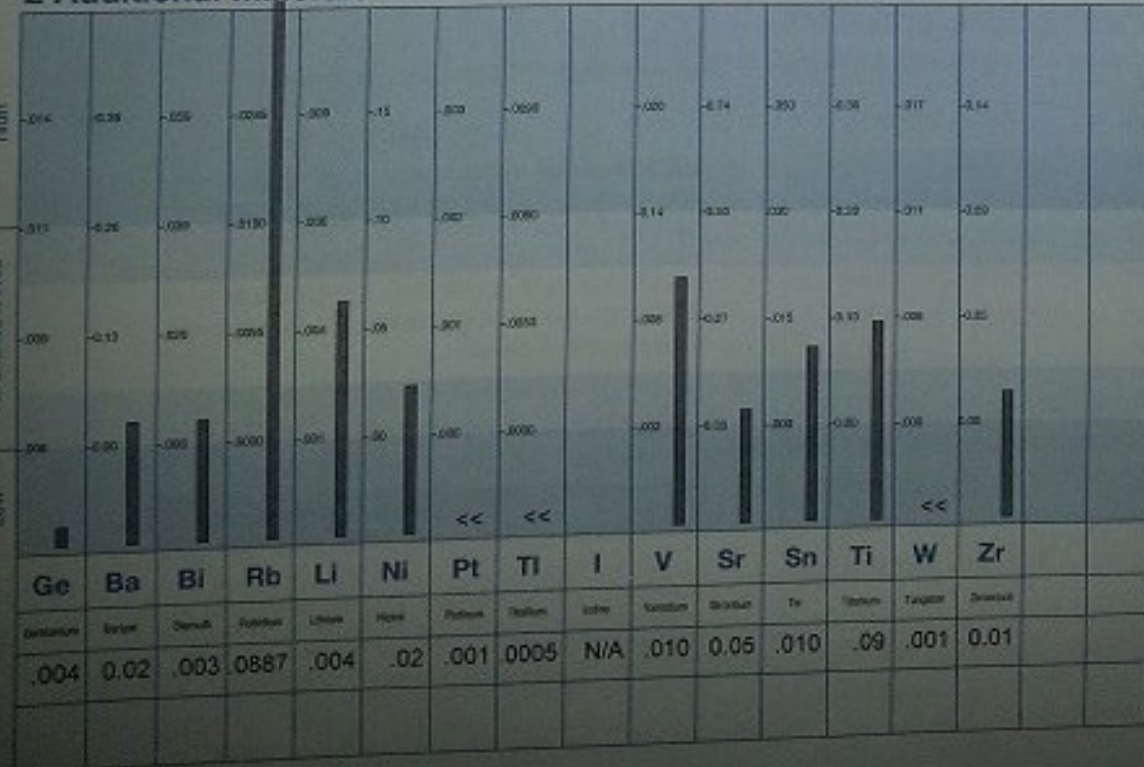
### 1 Nutrient Minerals



### 3 Toxic Minerals



### 2 Additional Minerals



\*\*\* below calibration limit value given is calibration limit

"ONS": sample size was inadequate for analysis

"NA": currently not available

ideal levels and interpretation have been based on hair samples obtained from the mid-parietal to the occipital region of the scalp

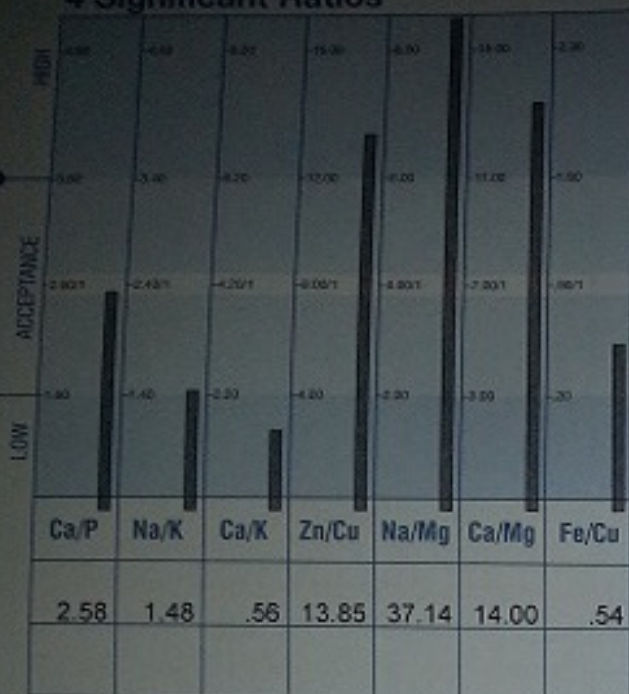
laboratory analysis provided by Trace Elements Inc., an H.S. Licensed Clinical Laboratory, No. 05 0001747

24/01/2014

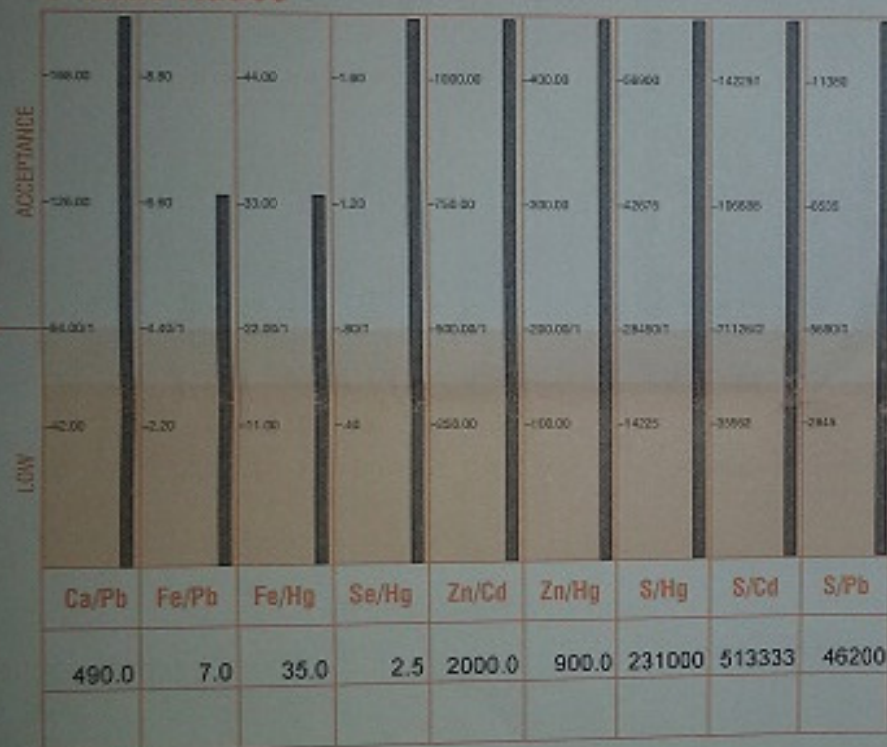
CURRENT TEST RESULTS

PREVIOUS TEST RESULTS

#### 4 Significant Ratios



#### 5 Toxic Ratios



#### 6 Additional Ratios

Ratio	Calculated Value		Optimum
	Current	Previous	
Ca/Sr	980.00		131/1
Cr/V	7.00		13/1
Cu/Mo	325.00		625/1
Fe/Co	700.00		440/1
K/Co	88000.00		2000/1
K/Li	22000.00		2500/1
Mg/B	20.59		40/1
S/Cu	3553.85		1138/1
Se/Tl	100.00		37/1
Se/Sn	5.00		0.67/1
Zn/Sn	1800.00		167/1

#### 1 Nutrient Minerals

The first blue graph (over page) shows the levels of nutrient minerals found in the analysis. They are considered essential for many biological functions and play key roles in such metabolic functions as muscle activity, endocrine function, reproduction, skeletal integrity and overall development.

#### 2 Additional Minerals

The second blue graph (over page) shows additional mineral levels which are considered as possibly essential to the human body. Further studies are being conducted to better define their biological and nutritional roles.

#### 3 Toxic Metals

The first orange graph (over page) displays the levels of toxic metals found in the analysis. They are commonly found in the environment, and are, therefore, present in all biological systems. Ideally these levels should be as low as possible (in the white section). Results in the dark orange area should prompt further investigation as to why they are so high.

#### 4 Significant Ratios

Mineral balance is as important as the individual mineral levels. This section shows the important nutritional mineral relationships; calculated values of respective minerals are contrasted with 'ideal' values. These ratios reflect the critical balance that must be maintained for a healthy body.

#### 5 Toxic ratios

This section displays the relationships between important nutritional elements and specific toxic metals. Each toxic metal ratio result should be in the white area, the higher the better. Ratios falling within the orange area may indicate an interference of a toxic metal upon another nutritional mineral. Individuals with high toxic levels may not always show symptoms associated with a particular toxic mineral.

#### 6 Additional Ratios

This section provides some additional mineral relationships. At this time, there is limited documentation regarding these ratios. For this reason, these ratios are provided only as a source of additional information for healthcare professionals and to assist research.

#### Notes:

Levels: all minerals levels are reported in milligrammes percent (milligrammes per one hundred grammes of hair). One milligramme percent (mg%) is equal to ten parts per million (ppm).

Reference ranges: all ranges should be considered as guidelines for comparison with the reported test values. They have been statistically established for studying a population of 'healthy' individuals. They should not be considered as absolute limits for determining deficiency, toxicity or acceptance.

## Health history for hair test 912

1:

Tremor- mild, always worst first thing, by nightfall not noticeable.  
Chronic fatigue, often need a couple of lie downs during simple tasks such as washing up. Have been bed-ridden a lot this past year.  
Hyperhidrosis,  
Cold hands/feet,  
Mood swings,  
Apathy, very occasionally under stress catatonic.  
Emotional lability,  
Insomnia,  
Tachycardia, improved with magnesium.  
Depression, - reacted badly to ssri's.  
Paranoia, fear and rarely paranoid delusions  
Oral lichen planus,  
Peripheral neuropathy.  
Severe memory impairment and reduced cognitive ability.  
Glucosurea(only if I drink a coke with a meal-usual food doesn't seem to change it)  
I can swing between pathological shyness and very aggressive.  
My short sightedness comes and goes-but i've always put that down to my eyes getting tired.  
Chest pains,  
Headaches,  
Dizziness upon standing,  
Blood pressure drops on standing.  
Aching joints-rarely sharp pains.  
Diarrhea/constipation.  
Unbelievably poor impulse control.  
Balance issues, people quite often think I'm drunk.  
Possible acrodynia w-rodent smell  
I'm unsure about fibromyalgia, I get random aches and pains everywhere. Both sharp and dull. I don't know if that qualifies.  
I'm very sensitive to both sounds and smells..rather than having the senses dulled.  
Also fairly photo-phobic...but that has lessened in the past two months.  
Twitching/tics/spasms-these all only appeared after having the last major dental restoration. Tics are both verbal and physical.

Symptoms have always got much worse after dental work. Dr's have all told me it's just in my head and I'm just a bit crazy. reacted badly (horrifically)to being medicated.

2:

First amalgam at around 14 small, at 22 four molars had large amounts of amalgam put in-root canals. At 26 two more amalgam fillings. (At this point I smashed a lot of my teeth in an attempt to get the amalgam out of my mouth. My mental health improved no end-the teeth not so much.) I only have 23 teeth left- most have amalgam in them.) At 32 had major dental work done when I could no longer eat. several amalgam fillings, and a crown for one of my front teeth. The next year and a half I've barely been able to keep a thought in my head. often shuffling from room to room wondering what I was doing there. I was quite often bed-ridden. In December, toffee dislodged two of the larger fillings and suddenly I'm able to think again- follow conversations, and I'm beginning to remember things, both from my past and day to day.

3:

I have about 13 amalgam fillings still left in my mouth and the crown. I haven't completed any clean-up. Both Dr's and dentists have refused to debate the topic so far.

4:

Unknown. Due to my erratic behavior I'm estranged from all my family. I believe she had a few.

5:

Not sure, think I had the usual baby ones. tetanus, Don't think I had mmr because I've contracted both measles and mumps. I had a typhoid vaccine at 13. and one of the hepatitis ones.

6:

I was supplementing zinc 30mg, magnesium 300mg, vitamin b complex, ginseng. with vitamin d 10,000IU every other day.

I kept this up every day for at least a month, I caught a bad cold which wiped me out so it was far more sporadic for a time. in the weeks just after the fillings fell out I was mostly in bed and forgot to take them.

7:

I'm 34. 5' 10" and 58kg

8:

I believe my mother has a metal allergy, I'm unsure as to what though.

9:

London UK