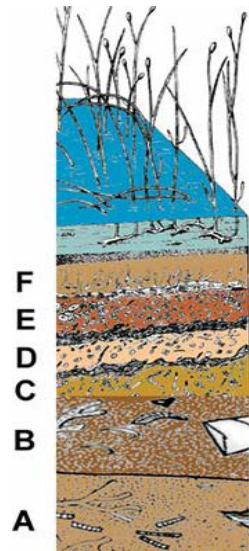




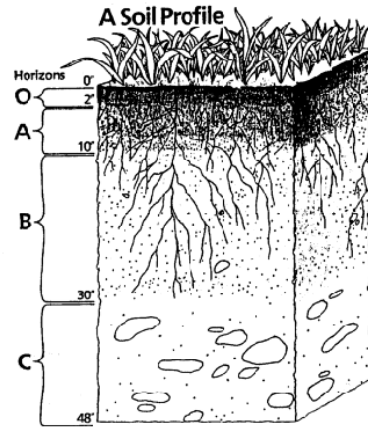
SOIL



Soil forms in layers



Soil Profile



Organic

Rocky

*Rocks + organic matter =
soil*

What is dirt?

what is organic?



Life



Decomposer

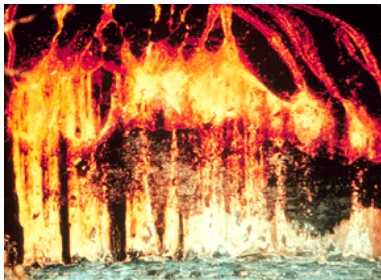
Death

bon

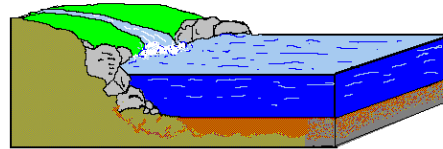
what is a rock?



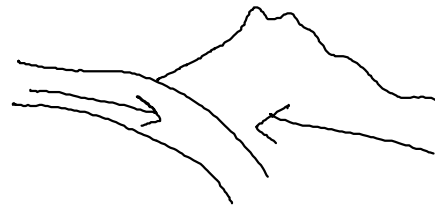
There are 3 types of rocks



igneous

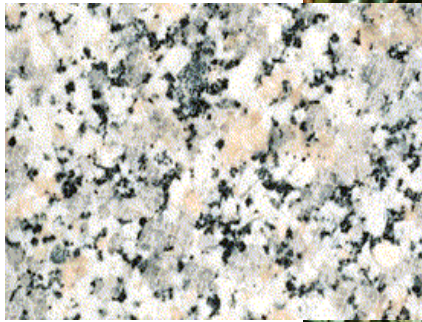


sedimentary



metamorphic

Rocks break down into...



As rocks break down they release elements

Periodic Table
of the Elements

1																	0		
1	H																	He	
2	3	4																	10
3	11	12	13	14	15	16	17	18											18
4	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	
5	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	
6	55	56	57	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	
7	87	88	89	104	105	106	107	108	109	110	111	112							112

Naming conventions of new elements

* Lanthanide Series	58	59	60	61	62	63	64	65	66	67	68	69	70	71
	Ce	Pr	Nd	Pm	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu
+ Actinide Series	90	91	92	93	94	95	96	97	98	99	100	101	102	103
	Th	Pa	U	Np	Pu	Am	Cm	Bk	Cf	Es	Fm	Md	No	Lr

Different rocks have different elements, produce different soil types



granite



basalt