## A Survey of Elements in Whoville

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## **Elements in Whoville**

Name	Symbol	$A_r$	M.P. (K)	IE (J)
Helium	He	4.00	1	$3.94e^{-18}$
Carbon	С	12.01	773	$3.94 e^{-18}$
Arsenic	As	74.92	1090	$1.48e^{-18}$
Gold	Au	196.96	1337	$1.48e^{-18}$
Cobalt	Co	58.93	1495	$1.26e^{-18}$

Table: Properties of Whoville Elements

## Trace rare earth metals:

- Ytterbium
- Praseodymium
- Neodymium

## Obtaining Neodymium:

- 1)—bastnäsite
- (2)—monazite

Dr. Seuss et al. 2011