M0004589: Periodic classification of elements

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		GROUP I	CDOUD II	CDOUD III	CDOUD TV	CDOUD X7			ENTS IN BRACKETS
SERIES	GROUP O	R ₂ 0 sub-croup Sub-croup	GROUP II R 0 SUB-CROUP SUB-CROUP	GROUP III R 2 0 3 SUB-CROUP SUB-CROUP A B	GROUP IV RH 4, R 02 SUB-CROUP SUB-CROUP A B	GROUP V RH3,R2 05 SUB-GROUP SUB-GROUP A B	GROUP VI RH2,R03 SUB-GROUP SUB-GROUP A B	GROUP VII RH, R ₂ 0 ₇ SUB-CROUP SUB GROUP A B	GROUP VIII R 04 (TRANSITION ELEMENTS)
. 1		HYDROGEN (H)						A B	(TRANSITION ELEMENTS)
2	2 HELIUM (He) At . Wt. 4-0	LITHIUM (Li) At.Wt.694	BERYLLIUM (Be) At.Wt.902	5 BORON (B) At.Wt.10-82	CARBON (C) At.Wt.12-0	7 NITROGEN (N) AtWLI4-0	8 0XYGEN (0) ALWLIGO	9 FLUORINE (F) AUVLISO	
3	10 N E 0 N (Ne) At.Wt.20-2	11 SODIUM (Na) A1.W1.23-0	12 MAGNESIUM (Mg) At.Wt.24-32	ALUMINIUM (AI) At.Wt.26-97	14 SILICON (St) At.Wt.28-06	15 PHOSPHORUS (P) At.Wt. Shos	16 SULPHUR (s) At.Wt.32-06	17 CHLORINE (CI) ALWE 35-46	
4	18 ARGON (A) At.Wt. 39-91	POTASSIUM (K) AtWL391	CALCIUM (Ca) AI.WL 4007	21 SCANDIUM (Sc) At.Wt. 454	22 TITANIUM (TI) At.Wt.481	23 VANADIUM (V) At.Wt.50-96	24 CHROMIUM (Cr) At.WL 52-01	25 MANGANESE (Mn) At.Wl.54-93	26 27 28 IRON (re) (CO) (NI) NICKEL (NI) ALWISSO4 ALWISSO4 ALWISSO4
5		29 COPPER (Cu) At.Wt.6357	30 ZINC (zn) At.Wt.65-38	GALLIUM (Ga) At.WL69-72	GERMANIUM (Ge) ALWL726	ARSENIC (As) At.Wt.74-96	SELENIUM (Se) ALWL79-2	35 BROMINE (Br) At.WL79-92	
6	36 KRYPTON (Kr) At.Wt. 82-9	RUBIDIUM (Rb) At.Wt.85-44	38 STRONTIUM (ST) ALWL87-63	MUINTTY (YI) (YI) 888.W.JA	ZIRCONIUM (Zr) At.WL91-0	A1 NIOBIUM (Nb) ALWL93-1	42 MOLYBDENUM (Mo) At.Wt.96-0	43	# 4: 4:5 # 4:6 RUTHENIUM REDORUM (Ru) (Rb) (Rb) (Pd) ALWIJOR7 *** *** *** *** *** *** *** *** *** *
7		4.7 SILVER (Ag) At.Wt. 107-88	CADMIUM (ca) A1.W1.112-41	49 INDIUM (In) At.Wt.1148	50 TIN (Sn) At.Wt.1187	ANTIMONY (Sb) At.WL121-77	52 TELLURIUM (Te) At.WL1275	53 IODINE (1) At.Wt 12693	363 560 1
8	54 XENON (Xe) AL.WL 130-2	CAESIUM (Cs) At.WLi3281	56 BARIUM (Ba) At.WLIS7-37	LANTHAMUM LA At.Wt. 138-9	CERIUM (Ce) ALWL1408S				
9				RARE	EARTH M	IETALS			
10					72 HAFNIUM () At.wt.	73 TANTALUM (Ta) At.Wt.181-5	74 TUNGSTEN (W) At.WL18440	75	76 77 78 OSMUM (IN) (IN) (IN) (IN) (IN) (IN) (IN) (IN)
11_		79 GOLD (Au)	80 MERCURY (Hg) At.Wl.200-61	81 THA LLIUM (TI) AL.WI. 201-39	82 LEAD (Pb) A1.W1.207-2	83 BISMUTH (BI) At.W1.209-0	84	85	
12	NITON (NI)		88 RADIUM (Ra)	89	90 THORIUM (Th)	91	92 URANIUM		