

Table IV-15. Compositions of achondrites Juvinas (eucrite), Johnstown (diogenite) and Kenna (ureilite) in ppm.

	Eucrite (Juvinas)	Diogenite (Johnstown)	Ureilite (Kenna)		Eucrite (Juvinas)	Diogenite (Johnstown)	Ureilite (Kenna)
	[1]	[2]	[3]		[1]	[2]	[3]
Ag-47	0.1	0.011	0.0052j	Mo-42	0.015		
Al-13	68800m	6500m	1220	Na-11	3490m	200m	225
As-33			0.5w	Nd-60	4	0.11	0.011
Au-79	0.0071	0.00087	0.032j	Ni-28	1.1	28	1180
Ba-56	31	2.5ma	0.054	Os-76	$18 \cdot 10^{-6}$	0.00074	0.70j
Bi-83	0.0035		0.00043j	P-15	402m	600m	
Br-35	0.16	0.11ma	0.15j	Pd-46	0.0004	0.001	0.073j
Ca-20	74200m	10400m	9290	Pt-78		0.019	
Cd-48	0.029	0.021	0.013j	Rb-37	0.25	0.027	0.004j
Ce-58	7.25	0.13	0.047	Re-75	$9.7 \cdot 10^{-6}$	$60 \cdot 10^{-6}$	0.069j
Cl-17	18ma	13ma		Ru-44			0.84w
Co-27	3.3	24	164	S-16	1900ma	4300ma	1790g
Cr-24	2330m	5900m	5060	Sb-51	0.042	0.0054	0.0098j
Cs-55	0.005	0.0008	$37 \cdot 10^{-6}$ j	Sc-21	28ma	14ma	8.5
Dy-66	3.03	0.14	0.013	Se-34	0.077	0.22	0.49j
Er-68	1.85	0.14	0.025	Si-14	231000m	251000m	200000
Eu-63	0.62	0.0089	0.00033	Sm-62	1.74	0.08	0.0017
F-9	19ma	3.5ma		Sr-38	78	2.1ma	0.16
Fe-26	132000m	126000m	159000	Ta-73	0.2	0.008	
Gd-64	2.55		0.0054	Tb-65	0.4	0.021	0.0023
Ge-32	0.004	0.047	18	Te-52	0.001	0.005	0.053j
Hf-72	1.3ma	0.05ma		Th-90	0.37ma		
Ho-67	0.59	0.036	0.0032	Ti-22	3820m	720	
I-53	0.039ma	0.025ma		Tl-81	0.0011	0.001	$62 \cdot 10^{-6}$ j
In-49		0.0032	0.0021j	Tm-69	0.28	0.021	0.0052
Ir-77	$28 \cdot 10^{-6}$	0.00067	0.56	U-92	0.057	0.002	0.0001j
K-19	340m	20m	1.3	V-23	96ma	147ma	100
La-57	2.53	0.044	0.015	W-74	0.027	0.006ma	
Li-3	5.1	2.2		Y-39	17ma	1.2ma	
Lu-71	0.23	0.033	0.008	Yb-70	1.5	0.15	0.046
Mg-12	43800m	156000m	200000	Zn-30	2.5	0.86ma	233j
Mn-25	4330m	3870m	2840	Zr-40	46	1.3	

[1]: Morgan et al. (1978); [2]: Wolf et al. (1983); [3]: Boynton et al. (1976); j: Janssens et al.

(1987); m: McCarthy et al. (1972); ma: Mason (1979); w: Wasson et al. (1976).