

No.	REFCODE	ASA (m <sup>2</sup> /g)	LCD(A)	VF	density(g/cm <sup>3</sup> : Va(cm <sup>3</sup> /g)	crystal	Metal type
1	ABEXIQ	353.31	4.71	0.34	1.79	0.11 orthorhombic	Ce
2	GITTIN	1189.14	11.26	0.50	1.09	0.37 cubic	Co
3	PAMTII	1894.10	12.11	0.72	0.95	0.57 triclinic	Er
4	AXOCEW	1014.92	7.53	0.54	1.12	0.30 other	Zn
5	CAXVII	1336.12	11.64	0.70	1.12	0.51 triclinic	Fe
6	HOGLEV01	2579.99	10.39	0.76	0.85	0.70 other	Cu
7	COYCID	1853.36	10.04	0.65	0.93	0.56 triclinic	Cu, Mo
8	SAHYOQ05	3724.41	15.12	0.83	0.59	1.28 triclinic	Zn
9	NINHOH	2413.30	6.48	0.64	1.05	0.65 triclinic	Cd
10	KEFBEE	3139.92	11.06	0.81	0.71	0.97 triclinic	Zn
11	IXOFEH	1397.79	6.81	0.62	1.03	0.44 orthorhombic	V
12	RAPYOY	2506.28	5.95	0.69	0.92	0.63 monoclinic	Zn
13	SENWIT	3106.99	8.36	0.80	0.78	0.92 orthorhombic	Zn
14	RIBDEN	2272.99	5.92	0.66	0.93	0.59 other	Co
15	IDIWOH	1585.27	7.48	0.64	1.00	0.49 orthorhombic	Fe
16	WEBKOF	2644.19	10.38	0.80	0.85	0.72 triclinic	In, Zn
17	SEFBOV	2049.80	5.44	0.64	1.03	0.46 orthorhombic	Zn
18	AQUCOF	1581.29	8.64	0.62	1.04	0.47 other	Cu
19	LOQLIN	1215.92	14.21	0.71	0.95	0.54 other	Ga
20	VEXVAW	2550.55	9.77	0.71	0.77	0.68 triclinic	Fe
21	OJICUG	3194.32	8.22	0.73	0.69	0.92 other	Sc
22	BEPROF	3039.12	7.99	0.76	0.73	0.77 triclinic	Ni
23	PARNIH	2203.59	8.34	0.61	0.86	0.59 triclinic	Cu
24	NEDWAW	2534.92	8.28	0.67	0.76	0.71 triclinic	Mn
25	SETQOZ	1635.51	7.65	0.64	0.99	0.51 triclinic	Fe
26	OQETEK	2008.59	9.23	0.75	0.99	0.61 other	Yb
27	ZIKJIO	2884.20	7.32	0.74	0.78	0.74 triclinic	Cu
28	PARHEW	3376.62	7.39	0.69	0.63	0.96 monoclinic	Ca
29	LARVIL	342.90	7.28	0.28	2.22	0.11 other	Cu
30	ZnMOF-74	1277.94	11.89	0.73	1.18	0.51 triclinic	Zn
31	ATOWOW	1884.98	10.13	0.68	0.87	0.63 triclinic	Zn
32	PARHAS	2740.66	6.94	0.64	0.70	0.77 other	Ca
33	SETSIV	3004.21	10.19	0.77	0.70	0.93 other	Cr, Zn
34	OYEJOS	1890.45	9.85	0.59	0.83	0.53 other	Cu
35	PEJMOI	442.12	7.65	0.39	1.79	0.13 triclinic	Cd, K
36	HAFQUC	1496.47	7.05	0.65	0.92	0.45 other	Al
37	QALGUH	1708.57	8.51	0.65	0.99	0.52 triclinic	Cr
38	FUSYUO	620.38	15.18	0.44	1.11	0.28 other	Cd
39	FEFCUQ	2501.78	8.96	0.70	0.78	0.69 triclinic	Zn
40	WIYFAM	2809.91	9.66	0.69	0.79	0.76 tetragonal	Zn
41	AMIMEP	1142.11	10.96	0.56	0.99	0.40 triclinic	Zn
42	DAYYIN	979.50	6.90	0.41	1.12	0.27 other	Co
43	IPIFAP	948.37	7.07	0.51	1.44	0.30 other	Ag
44	NUVWIL	745.99	8.82	0.40	1.36	0.22 other	La, Zn

45	VEJYIT	1888.75	6.44	0.60	0.93	0.50	orthorhombic	Zn
46	ZnHBDC	1890.37	9.37	0.67	0.87	0.63	other	Zn
47	OFODAP	2850.54	7.94	0.79	0.84	0.80	orthorhombic	Cd
48	Ni-DOBDC	1217.07	11.45	0.71	1.19	0.49	triclinic	Ni
49	ALULID	2094.93	7.43	0.66	0.93	0.55	triclinic	Ce
50	YIWMEW	1179.31	5.71	0.49	1.31	0.37	orthorhombic	Cd
51	MODNIC	453.02	5.20	0.47	1.36	0.11	orthorhombic	Cd
52	LEJBUX	2385.18	6.29	0.64	1.05	0.62	monoclinic	Cd
53	IFASOZ	2309.01	9.73	0.63	0.75	0.72	triclinic	Mg
54	RIVDEF	690.89	4.76	0.32	1.30	0.15	other	B, Cd
55	KIVDUP	1411.07	6.94	0.52	1.36	0.35	triclinic	Gd
56	RABHIH	2102.01	6.97	0.52	0.93	0.48	orthorhombic	Cd, Ni
57	SAKRED	1953.82	5.35	0.63	1.03	0.46	orthorhombic	Zn
58	VEMMAC	2142.18	6.82	0.68	0.88	0.61	triclinic	Zn
59	WEZCIO	721.83	8.73	0.39	1.34	0.22	other	Co, La
60	SETQUF	1640.31	7.65	0.64	0.99	0.50	triclinic	Fe
61	KIVFAX	1402.34	6.93	0.52	1.39	0.34	triclinic	Dy
62	SAQQIL	1766.39	11.46	0.72	0.92	0.60	triclinic	Er
63	IVETOT	2417.41	10.10	0.68	0.68	0.80	orthorhombic	Cu
64	MIBQAR16	3673.58	15.02	0.84	0.60	1.27	triclinic	Zn
65	Mg-DOBDC	1609.06	11.70	0.74	0.92	0.64	triclinic	Mg
66	KEVWUF	1759.92	9.36	0.65	1.04	0.51	triclinic	La
67	SAQQEH	1782.90	11.42	0.73	0.91	0.60	triclinic	Ho
68	SERJUV	1101.00	8.65	0.54	1.18	0.34	orthorhombic	Y
69	YILJAG	2785.31	9.73	0.68	0.79	0.75	tetragonal	Zn
70	ATOWIQ	1909.86	9.37	0.67	0.87	0.63	triclinic	Zn
71	OBUBOC	697.44	8.46	0.40	1.46	0.21	other	Ce, Cu
72	HIHNUJ	2745.73	7.99	0.83	0.81	0.80	other	In
73	SEQSOY	1262.15	6.05	0.62	1.01	0.35	other	Co
74	SOHGUS	2327.07	9.42	0.71	0.72	0.77	monoclinic	Co
75	XAVDEF_clean	1614.46	7.70	0.65	0.99	0.49	orthorhombic	V
76	TONQOD	3134.62	8.87	0.77	0.73	0.80	triclinic	Zn
77	IXOFAD	1532.10	7.01	0.64	1.01	0.49	orthorhombic	V
78	EDOMAM	2368.97	8.35	0.69	0.81	0.65	triclinic	Cu
79	MURCAD	757.15	4.40	0.54	1.19	0.21	triclinic	Cu
80	IXOFUX	1611.44	6.83	0.64	1.00	0.48	orthorhombic	V
81	ATIJJU	1603.50	17.44	0.63	0.75	0.76	triclinic	Co
82	AROFET	2377.59	8.41	0.69	0.86	0.64	triclinic	Cd
83	TERFUT	1976.81	8.07	0.70	0.90	0.57	triclinic	Rh, Zn
84	KEFBOO	3061.69	12.62	0.80	0.72	0.94	triclinic	Zn
85	SAKRAZ	2001.36	5.38	0.64	1.04	0.47	orthorhombic	Zn
86	XOVVOU	1568.61	6.22	0.61	1.07	0.43	triclinic	Zn
87	BEPRIZ	2538.98	10.21	0.73	0.76	0.71	triclinic	Co
88	GUBVUU	1486.83	6.58	0.56	0.93	0.38	triclinic	Co
89	RIBTAZ	2809.34	7.70	0.75	0.88	0.67	other	Cu

90	UKIQIP	2376.77	10.53	0.69	0.82	0.66	triclinic	Mn
91	YURKAY	2660.90	8.03	0.75	0.86	0.69	triclinic	Dy
92	VEJYIT01	1908.77	6.61	0.61	0.92	0.52	orthorhombic	Zn
93	IDIWOH	1557.74	7.48	0.64	1.00	0.49	orthorhombic	V
94	FAYKOH	2624.90	9.83	0.80	0.83	0.71	triclinic	In
95	PEPLEC	1366.67	6.96	0.61	1.03	0.44	orthorhombic	V
96	KANMIX	1189.41	9.79	0.61	1.08	0.37	other	Cu
97	VEJYIT	1873.70	6.44	0.60	0.93	0.50	orthorhombic	Zn
98	TERFIH	1396.75	8.72	0.68	1.20	0.39	triclinic	Ir, Zn
99	HEBZEV	653.39	7.74	0.47	1.46	0.21	other	Zn
100	IJOMOJ04	401.75	4.93	0.28	1.62	0.15	other	Mn
101	PEPLIG	1363.83	6.52	0.59	1.05	0.44	orthorhombic	V
102	XEGKOL	1291.94	7.80	0.52	1.12	0.36	triclinic	Gd
103	CUVTUJ	1222.81	11.68	0.71	1.18	0.49	other	Co
104	OFUYUL	1276.68	6.43	0.60	1.09	0.37	other	Zn
105	FANWOI	1126.21	9.90	0.47	1.00	0.36	other	Zn
106	MUVHER	527.26	5.68	0.52	0.98	0.15	orthorhombic	Zn
107	IXAKAU	3034.90	6.43	0.72	0.78	0.73	other	Cu
108	XEGKEB	1659.21	7.79	0.60	1.06	0.43	triclinic	Gd
109	CAXWEF	1335.22	11.60	0.70	1.14	0.50	triclinic	Fe
110	COJHIT	2285.60	10.05	0.72	0.72	0.83	orthorhombic	Co
111	IRMOF-6	3175.16	15.72	0.80	0.65	1.07	rhombohedral	Zn
112	XEBHOC	4603.79	12.36	0.86	0.47	1.66	triclinic	Cu
113	XAWVUN	4693.30	10.48	0.86	0.46	1.65	other	Cu
114	ANUGIA	3789.31	13.83	0.85	0.57	1.28	triclinic	Cu
115	RUVKAV	3625.14	11.94	0.83	0.60	1.22	triclinic	Cu
116	YUGLES	3068.72	10.87	0.81	0.72	0.96	triclinic	Cu
117	NUTQAV	3065.96	10.87	0.80	0.72	0.94	triclinic	Cu
118	FEFDEB	3487.64	13.11	0.79	0.54	1.31	other	Zn
119	SUKYIH	3884.07	9.65	0.82	0.60	1.20	tetragonal	Cu
120	MIL-88C-open	3909.29	13.74	0.80	0.51	1.42	other	Zn
121	MOXNUJ	2433.75	7.57	0.65	0.75	0.66	triclinic	Cu
122	LUYHAP	3563.10	12.04	0.83	0.62	1.15	triclinic	Cu
123	EGEJIK	2929.66	10.14	0.73	0.68	0.89	triclinic	Zn
124	FUNCEX	3490.97	13.22	0.81	0.54	1.30	monoclinic	Zn
125	BICDAU	3557.38	12.31	0.84	0.65	1.10	other	Zn
126	DOTSOV42	2123.08	13.32	0.75	0.88	0.71	other	Cu
127	HIGRIA	3509.08	11.40	0.83	0.65	1.09	other	Co, Zn
128	XADDIR	2223.93	13.26	0.76	0.87	0.72	triclinic	Cu
129	ECOLEP	4555.23	11.30	0.89	0.41	2.07	cubic	Co
130	DOTSOV05	2137.87	13.28	0.76	0.89	0.72	triclinic	Cu
131	ZECKOJ	3189.83	10.56	0.77	0.67	1.06	triclinic	Cu
132	NAYGUR	2683.46	7.69	0.67	0.75	0.76	orthorhombic	Cu
133	DOTSOV07	2139.34	13.28	0.76	0.89	0.72	triclinic	Cu
134	DOTSOV25	2135.61	13.27	0.76	0.89	0.72	triclinic	Cu

135	DOTSOV34	2139.07	13.24	0.76	0.89	0.72	triclinic	Cu
136	DOTSOV32	2132.90	13.25	0.76	0.89	0.71	triclinic	Cu
137	DOTSOV24	2137.33	13.28	0.76	0.89	0.72	triclinic	Cu
138	LURGEL	4373.64	9.80	0.79	0.53	1.29	orthorhombic	Si, Zn
139	IKETOH	2183.60	13.21	0.75	0.88	0.70	triclinic	Cu
140	FUNBOG	3338.88	12.57	0.80	0.58	1.23	monoclinic	Zn
141	FIQCEN	2188.76	13.20	0.76	0.88	0.73	other	Cu
142	UTEWUM	1765.50	15.00	0.81	0.74	0.70	cubic	Cu
143	SONVEX	2164.71	13.21	0.76	0.88	0.71	triclinic	Cu
144	DIDDOK	4698.19	10.07	0.82	0.53	1.35	triclinic	Zn
145	YURJUR	2832.38	13.69	0.76	0.68	0.96	other	Ce
146	DOTSOV18	2143.29	13.29	0.76	0.89	0.72	triclinic	Cu
147	DOTSOV03	2136.43	13.27	0.76	0.89	0.71	triclinic	Cu
148	IRMOF-7	3335.65	11.55	0.78	0.71	0.93	cubic	Cd
149	SOYWOT	2180.15	13.18	0.76	0.88	0.71	triclinic	Cu
150	DOTSOV20	2140.69	13.28	0.76	0.89	0.72	triclinic	Cu
151	DOTSOV12	2143.02	13.29	0.76	0.89	0.72	triclinic	Cu
152	HIFVUO	2392.47	7.50	0.63	0.82	0.65	tetragonal	Zn
153	DOTSOV23	2141.46	13.28	0.76	0.89	0.72	triclinic	Cu
154	DOTSOV08	2142.28	13.28	0.76	0.89	0.72	triclinic	Cu
155	DOTSOV06	2139.35	13.28	0.76	0.89	0.72	triclinic	Cu
156	XAMDUM07	2150.71	13.24	0.76	0.87	0.73	triclinic	Cu
157	XADDEN	2219.32	13.25	0.76	0.88	0.71	triclinic	Cu
158	DOTSOV02	2134.01	13.27	0.76	0.89	0.71	triclinic	Cu
159	TEDGOA	3311.36	8.47	0.77	0.69	0.97	other	Zn
160	DOTSOV33	2138.33	13.25	0.76	0.89	0.72	triclinic	Cu
161	DOTSOV15	2142.93	13.29	0.76	0.89	0.72	triclinic	Cu
162	DOTSOV29	2142.01	13.27	0.76	0.89	0.72	triclinic	Cu
163	XAMHEA	2800.52	9.14	0.68	0.73	0.74	other	Zn
164	DOTSOV35	2137.78	13.23	0.76	0.89	0.71	triclinic	Cu
165	LOJFUL	3042.67	11.90	0.76	0.61	0.97	triclinic	Na, Zn
166	XAMDUM	2139.35	13.22	0.76	0.88	0.72	triclinic	Cu
167	DOTSOV38	2133.23	13.21	0.76	0.89	0.71	triclinic	Cu
168	DOTSOV10	2142.07	13.29	0.76	0.89	0.72	triclinic	Cu
169	DOTSOV22	2139.36	13.28	0.76	0.89	0.72	triclinic	Cu
170	DOTSOV41	2131.52	13.21	0.76	0.89	0.71	other	Cu
171	DOTSOV13	2144.19	13.29	0.76	0.89	0.72	triclinic	Cu
172	RAPYUE	2912.56	8.05	0.73	0.86	0.76	monoclinic	Zn
173	DOTSOV04	2139.55	13.28	0.76	0.89	0.72	triclinic	Cu
174	DOTSOV21	2140.21	13.28	0.76	0.89	0.72	triclinic	Cu
175	MOYYIJ	2863.42	12.42	0.72	0.73	0.83	triclinic	Cu
176	DOTSOV31	2130.14	13.26	0.76	0.89	0.71	triclinic	Cu
177	DOTSOV11	2144.46	13.29	0.76	0.89	0.72	triclinic	Cu
178	XAMDUM04	2100.05	12.95	0.76	0.92	0.69	triclinic	Cu
179	NUTQEZ	2786.40	12.12	0.79	0.76	0.87	triclinic	Cu

180	KAMZUV	1366.26	11.32	0.49	0.90	0.48	triclinic	Zn
181	ZIF-6	2759.18	9.72	0.67	0.76	0.75	tetragonal	Zn
182	DOTSOV09	2140.93	13.28	0.76	0.89	0.72	triclinic	Cu
183	IYIHUU	3059.46	11.94	0.75	0.63	1.03	monoclinic	Zn
184	DOTSOV19	2140.05	13.28	0.76	0.89	0.72	triclinic	Cu
185	DOTSOV26	2136.45	13.27	0.76	0.89	0.72	triclinic	Cu
186	DOTSOV14	2143.52	13.29	0.76	0.89	0.72	triclinic	Cu
187	XAMDUM05	2142.56	13.12	0.77	0.90	0.71	triclinic	Cu
188	DOTSOV28	2133.75	13.27	0.76	0.89	0.72	triclinic	Cu
189	XAMDUM01	2127.80	13.20	0.76	0.88	0.72	triclinic	Cu
190	DOTSOV40	2137.10	13.21	0.76	0.89	0.72	triclinic	Cu
191	DOTSOV16	2143.41	13.29	0.76	0.89	0.72	triclinic	Cu
192	DOTSOV27	2135.47	13.27	0.76	0.89	0.72	triclinic	Cu
193	MUWQEB	1733.12	15.70	0.76	0.72	0.70	cubic	Fe
194	FUNBEW	2997.87	11.78	0.77	0.67	0.99	orthorhombic	Zn
195	XAMDUM03	2128.16	13.17	0.76	0.89	0.71	triclinic	Cu
196	SONVIB	2156.39	13.20	0.76	0.88	0.72	triclinic	Cu
197	FERHAN	2236.31	10.24	0.69	0.78	0.65	triclinic	Zn
198	TEDHAN	2136.81	10.02	0.65	0.90	0.62	triclinic	Zn
199	NIGBOW	2527.83	11.78	0.72	0.65	0.97	triclinic	V
200	XAMDUM06	2135.95	13.17	0.76	0.88	0.72	triclinic	Cu
201	SONVAT	2207.39	13.19	0.76	0.88	0.71	triclinic	Cu
202	DOTSOV30	2131.84	13.26	0.76	0.89	0.72	triclinic	Cu
203	ODIXEG	4097.81	10.41	0.84	0.55	1.32	tetragonal	Si, Zn
204	TUDJOS	1479.94	11.49	0.54	0.91	0.45	cubic	Zn
205	WOLRIZ	2133.13	11.02	0.75	0.93	0.68	triclinic	Cu
206	DOTSOV37	2145.04	13.21	0.76	0.89	0.72	triclinic	Cu
207	HIFGIO	2185.66	12.58	0.70	0.73	0.81	triclinic	Zn
208	XINWUO	1658.33	6.78	0.55	1.10	0.43	triclinic	Zn
209	XADCOW	1443.57	14.11	0.67	0.87	0.60	other	Fe
210	OFAWEZ	2183.59	11.75	0.80	0.98	0.72	triclinic	Hf
211	AGAXOV	2778.92	6.88	0.73	0.89	0.68	triclinic	Cu
212	HIFVOI	2255.12	9.00	0.60	0.85	0.58	other	Zn
213	OFAWAV	2201.68	12.26	0.80	0.97	0.73	triclinic	Hf
214	BIBXUH	2562.42	14.76	0.76	0.74	0.82	other	Ni
215	NEGGOX	1378.18	5.94	0.47	1.05	0.49	triclinic	Mn
216	CUNFOH	992.43	9.51	0.53	1.64	0.29	triclinic	Cu
217	ZIF-3	2070.29	8.47	0.59	0.88	0.52	other	Zn
218	KECRAL10	2412.26	7.03	0.65	1.05	0.67	monoclinic	Cd
219	TAQGEZ	1874.67	8.33	0.67	0.93	0.60	triclinic	Cd
220	ALAMUW	3528.79	11.50	0.82	0.65	1.06	triclinic	Cu
221	LOQLEJ	1251.98	15.56	0.72	0.99	0.54	other	In
222	CUNFOH01	953.25	8.65	0.52	1.65	0.28	triclinic	Cu
223	RAYMAG	2228.80	6.11	0.65	0.85	0.55	triclinic	Co
224	NEDWIE	2965.03	9.20	0.72	0.68	0.90	triclinic	Mn, Ni

225	AXUBAW	2328.29	14.25	0.67	0.74	0.77	triclinic	Zn
226	DANZOJ	1362.39	11.32	0.59	0.95	0.42	triclinic	Mn
227	FINQOK	987.71	8.77	0.52	1.40	0.29	triclinic	Ag
228	FEWTUY	3169.65	9.07	0.75	0.66	0.94	triclinic	Ni
229	WAHMUP	1457.87	6.91	0.48	0.93	0.46	triclinic	Cu
230	SOBZOY	1071.65	5.32	0.43	1.13	0.36	monoclinic	Cd, Ni
231	ALULAV	5005.69	8.90	0.83	0.59	1.24	triclinic	Gd
232	DAPBIH	1379.20	11.15	0.61	0.99	0.42	triclinic	Co
233	CIFMEL	3429.00	8.29	0.77	0.76	0.91	cubic	Co
234	WONZOP	2766.87	11.00	0.72	0.65	0.96	triclinic	Si, Zn
235	ALUKIC	5203.69	8.97	0.83	0.57	1.30	triclinic	Ce
236	ATOTIM	1512.86	13.93	0.68	0.86	0.60	other	V
237	ONIXOZ	1999.54	9.49	0.73	0.91	0.58	other	Cu
238	UTEWOG	1722.50	14.59	0.81	0.75	0.66	cubic	Ni
239	LUNBIF	1189.99	8.31	0.65	1.87	0.33	orthorhombic	W, Zn
240	FECZAQ	1725.19	8.46	0.61	0.98	0.43	orthorhombic	Zn
241	SENWOZ	3117.45	8.77	0.81	0.74	0.99	orthorhombic	Zn
242	VUSKEA	3683.86	14.96	0.83	0.59	1.26	triclinic	Zn
243	SENWAL	3118.16	8.58	0.82	0.73	1.00	orthorhombic	Zn
244	YARYEV	1537.22	5.03	0.46	1.12	0.46	other	Cd
245	WONZUV	3226.29	11.46	0.76	0.61	1.06	triclinic	Si, Zn
246	Co26NDP	2568.18	11.19	0.76	0.65	0.93	other	Co
247	FINQUQ	977.96	8.72	0.51	1.42	0.27	triclinic	Ag
248	GUPCUQ01	1235.90	13.05	0.57	1.14	0.43	cubic	Cd
249	MIL-88A-open	2656.67	7.38	0.61	0.90	0.65	other	Fe
250	EKOPUQ	1414.39	11.06	0.52	0.97	0.41	other	Ca, Cd
251	MOCKAR	2957.15	10.82	0.83	0.75	0.91	triclinic	Cu
252	JEJWOL	3299.27	10.01	0.80	0.65	1.03	triclinic	Nd
253	LOWQIX	2299.87	8.44	0.72	0.90	0.70	other	Zn
254	CIDKUX	1471.17	9.09	0.61	1.05	0.47	triclinic	Cu
255	BUVYIB	2649.22	11.54	0.71	0.70	0.77	triclinic	Fe
256	HIFTOG	1155.76	7.93	0.57	1.17	0.28	triclinic	Zn
257	BEPNOB	1402.09	10.42	0.55	0.89	0.49	other	Zn
258	BEPNIV	1410.26	10.37	0.55	0.89	0.48	other	Zn
259	BEPLUF	1427.12	10.60	0.56	0.88	0.50	other	Zn
260	BIWYAH10	3916.42	7.20	0.70	0.72	0.94	monoclinic	Nd
261	QUNMUI	639.65	6.44	0.39	1.54	0.19	triclinic	Cd
262	IDIWOH01	1567.98	7.49	0.64	1.00	0.48	orthorhombic	V
263	VUQJUN	1994.88	11.69	0.71	0.79	0.65	triclinic	Mn
264	RABHAZ	1296.45	6.86	0.47	1.07	0.33	other	Cd, Ni
265	XEDPON	1407.21	7.48	0.64	1.14	0.43	triclinic	Zn
266	HAXMUP	1000.42	8.05	0.39	1.09	0.28	triclinic	Cu
267	VUQJUN01	1991.96	11.71	0.71	0.79	0.65	triclinic	Mn
268	XUGSEY	3379.22	7.34	0.75	0.71	0.85	triclinic	Zn
269	MOF-1-Dybtsc	2196.45	9.39	0.69	0.83	0.70	tetragonal	Zn

270	UBUMAH	2909.56	6.85	0.73	0.85	0.70	orthorhombic	Zn
271	HIFTOG02	1175.59	7.85	0.57	1.16	0.29	triclinic	Zn
272	VEHRIL	1688.36	8.89	0.64	1.10	0.47	triclinic	Sm
273	MOF-1-Dybtse	2196.45	9.39	0.69	0.83	0.70	tetragonal	Zn
274	MATVEJ	2986.26	8.87	0.73	0.72	0.79	triclinic	Zn
275	CAXVOO	1343.96	11.64	0.70	1.12	0.51	triclinic	Fe
276	DEZKAW	1540.20	8.85	0.58	0.91	0.43	triclinic	Mn
277	SAQQOR_clea	2070.82	11.45	0.71	0.78	0.71	triclinic	Y
278	ANUGUM	3513.94	8.63	0.81	0.68	0.98	triclinic	Zn
279	RIBDAJ	2342.09	5.82	0.66	0.93	0.59	other	Ni
280	GEDDAW	2009.28	10.20	0.68	1.00	0.60	triclinic	Co
281	AQUDAS	1617.02	8.88	0.62	1.04	0.47	other	Cu
282	CENKAJ	755.78	8.22	0.43	1.28	0.20	triclinic	Cu
283	PETWOC	892.66	9.16	0.59	1.69	0.27	triclinic	U
284	MAGBAZ	1889.67	7.69	0.63	0.96	0.53	orthorhombic	Zn
285	OMORUE	2115.78	6.19	0.68	0.92	0.53	tetragonal	Cu
286	SADMUH	1706.12	7.74	0.64	0.98	0.52	triclinic	Fe
287	CEKHIL	4265.56	9.32	0.82	0.61	1.16	monoclinic	Co
288	MOXDIN01	2038.29	6.65	0.61	0.94	0.52	triclinic	Co
289	AMILUE	1161.04	11.37	0.56	0.98	0.42	triclinic	Zn
290	MOCKEV	2869.07	10.89	0.79	0.77	0.87	triclinic	Cu
291	RIFDUG01	2181.57	13.02	0.77	0.87	0.72	triclinic	Zn
292	YEGKOM	1211.81	5.65	0.55	1.13	0.39	tetragonal	Zn
293	SOVHAM	976.90	5.14	0.41	1.17	0.29	monoclinic	Cd, Ni
294	HIBGIJ	305.41	4.78	0.26	1.66	0.12	other	Mn
295	CAXWAB	1276.81	11.50	0.70	1.15	0.50	triclinic	Fe
296	IJOMOJ06	391.12	5.01	0.28	1.62	0.15	other	Mn
297	MgMOF-74	1681.25	11.86	0.73	0.88	0.68	triclinic	Mg
298	HUZSUR01	1610.42	9.99	0.62	0.84	0.47	triclinic	K, Zn
299	VEDFOB	1235.54	6.04	0.54	1.05	0.32	orthorhombic	Co
300	FAKLIO	2093.52	9.33	0.64	0.75	0.69	other	Mn
301	JAVNIE	2085.88	7.06	0.65	0.94	0.51	orthorhombic	Cu
302	CAXVUU	1329.90	11.30	0.70	1.15	0.49	triclinic	Fe
303	GACPUX	1126.81	5.85	0.56	1.02	0.33	orthorhombic	Zn
304	BAKGIF	1330.63	8.31	0.54	1.02	0.40	monoclinic	Ni
305	BOLPEY	2176.87	7.26	0.64	0.89	0.54	triclinic	Si, Zn
306	IXAJUN	1510.81	5.81	0.65	1.00	0.43	monoclinic	Cu
307	CUCSAU	1184.82	5.63	0.35	0.84	0.30	triclinic	Li
308	IJOMOJ07	387.88	5.04	0.28	1.62	0.14	other	Mn
309	NALWOO	1286.86	9.20	0.56	1.03	0.41	orthorhombic	Ba
310	UVEVAT	1393.54	4.92	0.60	0.99	0.35	orthorhombic	Mn
311	NEDWEA	2256.26	7.53	0.65	0.86	0.59	triclinic	Co, Mn
312	MINVUA01	1484.64	6.51	0.60	1.04	0.45	triclinic	Cr
313	LASYOU	2267.07	10.03	0.77	0.93	0.65	triclinic	Cu
314	QUQPOI	2599.14	6.08	0.66	0.77	0.68	other	Zn

315	VEMMEG	2422.50	6.87	0.67	0.82	0.65	triclinic	Mn
316	ICEGED	2189.72	7.13	0.69	0.94	0.60	triclinic	Cd
317	CAXWIJ	1270.71	11.56	0.70	1.14	0.50	triclinic	Fe
318	RAXCOK	3181.68	7.28	0.72	0.76	0.76	other	Zn
319	FIFPAM01	915.10	4.30	0.47	1.03	0.30	triclinic	Ni
320	NALYEG	835.55	13.09	0.67	1.57	0.36	other	U
321	IXOFIL	1485.40	6.87	0.63	1.02	0.46	orthorhombic	V
322	LUNBEB	968.10	5.77	0.59	1.98	0.24	other	Co, W
323	ICALOP	2915.76	7.82	0.82	0.80	0.79	orthorhombic	In
324	BAZJIX	2419.54	8.71	0.71	0.77	0.69	triclinic	Mn
325	DUCGEO	956.77	6.94	0.38	0.98	0.26	monoclinic	Cu
326	Co-DOBDC	1201.25	11.61	0.72	1.18	0.49	triclinic	Co
327	UVINAP	209.71	4.33	0.19	1.24	0.09	other	Co
328	GERPUP	660.74	8.52	0.38	1.48	0.20	other	Cu, Sm
329	FEFDAX	2345.83	7.82	0.68	0.83	0.64	triclinic	Zn
330	FUSWIA	1733.78	6.59	0.63	0.98	0.44	orthorhombic	Cu
331	RAVVOA	234.05	4.72	0.25	1.85	0.11	other	Co
332	IJOMOJ02	378.30	5.03	0.28	1.62	0.15	other	Mn
333	HIFWAV	1009.46	7.08	0.43	1.14	0.26	other	Zn
334	SERJOP	883.45	8.81	0.53	1.47	0.26	orthorhombic	Er
335	ZAZBUZ	1133.69	6.74	0.54	1.17	0.36	triclinic	Cu
336	NIJZIP01	658.91	8.51	0.38	1.46	0.20	other	Cu, Nd
337	EXOTUH	1670.47	5.67	0.59	0.95	0.44	other	Cd
338	ATIBUA	325.20	4.79	0.26	1.68	0.13	other	Mn
339	BEPMAM	1377.16	10.43	0.56	0.89	0.47	other	Zn
340	CAWDOU02	1627.24	6.98	0.57	0.91	0.40	other	Cu
341	IXOFUX01	1599.21	6.63	0.63	1.00	0.47	orthorhombic	V
342	DABWUA	1458.15	6.57	0.61	0.93	0.41	other	Cu
343	BEPP0D	1188.83	10.33	0.50	0.96	0.38	other	Zn
344	BUKMUQ	3158.77	5.50	0.71	0.85	0.71	orthorhombic	Zn
345	FAKMAH	2085.76	8.52	0.63	0.76	0.66	other	Mn
346	NEJSAY	235.72	4.28	0.43	1.24	0.06	triclinic	Cu
347	AVEROJ	805.68	6.76	0.54	1.70	0.26	other	Cd
348	BANMAG	727.10	8.68	0.39	1.37	0.22	other	Co, Nd
349	DAXHIV	2167.97	7.50	0.67	0.88	0.61	triclinic	Fe
350	RATCUL03	308.61	4.85	0.27	1.73	0.13	other	Fe
351	ATIBOU	361.80	4.97	0.27	1.66	0.14	other	Mn
352	XOHFIK	374.31	4.99	0.27	1.62	0.14	other	Mn
353	FEXCES	1244.54	6.01	0.61	1.02	0.36	other	Co
354	VEDGAO	1088.52	5.66	0.51	1.07	0.29	orthorhombic	Co
355	HOGTOM	433.91	7.88	0.30	1.77	0.15	other	Cu, Pr
356	RATCUL02	285.33	4.80	0.26	1.74	0.12	other	Fe
357	YARGAB	1351.64	10.67	0.62	0.96	0.49	other	Zn
358	TATPOV	1986.66	8.55	0.71	0.93	0.54	orthorhombic	Zn
359	NEHZIK	912.98	7.48	0.39	1.20	0.25	triclinic	Zn



360	AFIXAO	946.79	6.45	0.40	1.12	0.26	other	Co
361	DOYLIM	822.30	4.68	0.36	1.19	0.27	other	Cd, Ni
362	KIGCEK	1226.01	10.57	0.52	0.99	0.41	other	Zn
363	LAVTEJ01	811.04	6.73	0.60	1.65	0.27	tetragonal	Dy
364	BEPPIX	1125.49	10.02	0.49	0.99	0.37	other	Zn
365	WUHJIT	2691.66	10.93	0.71	0.74	0.78	triclinic	Mg
366	XEGKUR	1722.29	6.53	0.60	1.03	0.43	triclinic	Gd
367	JIXWUJ	379.60	5.08	0.27	1.63	0.14	other	Mn
368	XEGJOK	1626.08	7.67	0.60	1.07	0.40	triclinic	Gd
369	NIKZAJ02	257.06	4.71	0.25	1.77	0.11	other	Fe
370	MINVUA01	1470.94	6.51	0.60	1.04	0.45	triclinic	Cr
371	EHALOP	1513.99	7.39	0.72	0.94	0.51	triclinic	Al
372	XACZEH	743.54	10.47	0.42	1.19	0.24	triclinic	Cu
373	HAFQOW	1534.56	7.21	0.73	0.95	0.50	other	Al
374	LAGVOG	2236.78	7.31	0.70	0.94	0.61	other	Y
375	ECAHAT	1189.29	12.44	0.53	0.85	0.44	other	Zn
376	GACQAE	2128.90	8.82	0.69	0.87	0.65	orthorhombic	Zn
377	IXODUV	1596.63	6.73	0.64	1.01	0.47	orthorhombic	V
378	GETXEK	2778.12	7.71	0.68	0.71	0.78	triclinic	Cd
379	WAJJAU	1024.20	7.49	0.55	1.23	0.33	other	Li, Zn
380	ATIBAG	365.45	4.97	0.27	1.65	0.14	other	Mn
381	XILVIZ	2210.13	7.84	0.66	0.85	0.57	triclinic	Mn, Zn
382	DAXHIV01	2144.64	7.56	0.67	0.88	0.61	triclinic	Fe
383	FEYJOJ	2403.98	5.93	0.73	0.91	0.56	other	Co
384	SADMOB	1148.98	6.04	0.52	1.12	0.35	triclinic	Fe
385	BAKJII	1724.25	6.02	0.66	0.96	0.49	monoclinic	Co
386	NIKYOW02	262.37	4.76	0.25	1.75	0.12	other	Fe
387	XASFAY	692.20	4.96	0.36	0.99	0.19	triclinic	Cu
388	WIHVEP	423.29	4.75	0.29	1.61	0.16	other	Mn
389	KASRAZ	1986.27	5.89	0.66	0.99	0.46	monoclinic	Cd
390	WAJHOG	556.04	5.35	0.36	1.32	0.17	other	Li, Zn
391	DUFGOB	1095.68	8.17	0.46	1.12	0.32	other	K, U
392	GINLIA	1971.33	6.05	0.64	0.88	0.51	monoclinic	Zn
393	WEVQOD	618.72	8.33	0.36	1.51	0.19	other	Cu, Gd
394	VACFOV	2186.39	7.04	0.70	0.93	0.56	other	In
395	PEFRUP	1455.91	9.39	0.67	1.05	0.47	other	Gd
396	DAXHUH01	2149.74	7.46	0.68	0.89	0.60	triclinic	Fe
397	FAHFUR	704.95	6.09	0.54	0.94	0.20	other	Be
398	XAJQAC	1996.26	8.74	0.73	0.89	0.55	other	In
399	JIXWUJ01	353.72	5.01	0.27	1.64	0.13	other	Mn
400	PEWXUL	596.03	4.88	0.41	1.06	0.16	triclinic	Ni
401	VOCXUH	2849.84	7.52	0.73	0.77	0.75	other	Co
402	ETEKEU	1737.13	6.61	0.68	1.16	0.45	triclinic	Er
403	XENKIM	2454.89	7.23	0.69	0.82	0.65	triclinic	Ca
404	ODIMAQ	641.60	8.52	0.38	1.44	0.21	other	Sm, Zn

405	FEHCOM	1492.37	7.63	0.56	0.95	0.42	triclinic	Zn
406	FIJCUX01	1168.52	6.93	0.56	1.22	0.34	other	Zn
407	EBEWOZ	818.40	6.78	0.60	1.63	0.27	tetragonal	Gd
408	UTEXAT	1125.08	6.76	0.57	1.02	0.31	tetragonal	Zn
409	FUNCAT	1453.63	9.49	0.59	0.93	0.46	orthorhombic	Zn
410	ATICEL	405.94	4.94	0.28	1.61	0.15	other	Mn
411	EBELUU	1066.72	4.98	0.50	1.09	0.35	monoclinic	Ni, Zn
412	LAGNOY	1049.17	7.03	0.57	1.21	0.32	triclinic	Y
413	ODODIW	1799.34	7.68	0.64	0.97	0.51	triclinic	Si, Zn
414	BUSQEM	502.49	5.73	0.51	0.95	0.13	orthorhombic	Mn
415	PEFRID	1514.87	9.72	0.68	1.02	0.50	other	Sm
416	AVUDAX	1186.27	5.89	0.47	1.00	0.27	other	Cu
417	EXEQII	1391.61	7.21	0.63	1.02	0.45	triclinic	Sc
418	MEGBAD	2441.45	9.62	0.68	0.85	0.62	triclinic	Mn, Ni
419	XINFUW	3091.23	6.30	0.72	0.84	0.70	orthorhombic	Zn
420	WAYMEQ	1452.05	6.75	0.69	0.98	0.46	triclinic	Al
421	MIZJUB	2133.85	6.07	0.62	0.87	0.53	monoclinic	Zn
422	FEVSAC	162.01	4.49	0.22	1.30	0.06	other	Rb
423	WAMRIN01	1473.43	6.97	0.62	0.94	0.44	orthorhombic	Mg
424	LUCDIW	2665.32	7.89	0.74	0.82	0.77	triclinic	Ce
425	VEDFAN	1311.46	6.20	0.55	1.04	0.36	orthorhombic	Co
426	ZESFUY	1882.06	9.94	0.69	0.87	0.62	other	Si, Zn
427	NEJYUY	1835.28	6.67	0.61	1.04	0.43	other	Cd
428	FAGFUQ	2249.42	7.06	0.64	0.84	0.58	triclinic	Co
429	LEDLEN	2033.36	8.15	0.62	0.91	0.55	triclinic	Cu
430	NAZZEV	1542.42	9.54	0.68	1.02	0.50	other	Sm
431	LAGCED	1262.24	8.24	0.52	1.14	0.35	other	Ag, Zn
432	OWAVOY	1696.54	7.81	0.64	1.01	0.44	other	Zn
433	FAKLOU	1730.30	9.11	0.63	0.88	0.58	other	Cd
434	BEPMEQ	1050.32	10.66	0.46	1.01	0.37	other	Zn
435	UBUROY	2163.08	6.59	0.57	1.08	0.59	triclinic	Cu, Zn
436	UTEXIB	1139.65	6.79	0.56	1.00	0.32	tetragonal	Co
437	IXOFOR	1544.23	6.30	0.62	1.02	0.45	orthorhombic	V
438	VUQKAU02	951.16	4.63	0.53	1.03	0.25	other	Mn
439	WOHDON	1435.14	5.54	0.66	1.43	0.37	orthorhombic	Cd
440	HOWQAM	1996.57	7.02	0.70	1.01	0.49	orthorhombic	Cd
441	GAXDIS10	1155.42	5.62	0.49	1.32	0.36	orthorhombic	Cd
442	CUYYAX	788.40	5.12	0.53	1.16	0.22	tetragonal	Cd
443	QUQFIS	2653.88	7.64	0.77	0.86	0.67	triclinic	Zn
444	XANMIJ	1196.12	6.89	0.53	1.16	0.31	triclinic	Co
445	NABMUA	1160.15	6.09	0.59	1.12	0.36	other	Mg
446	ZURQOS	650.68	4.18	0.42	1.31	0.25	triclinic	Cd, Ni
447	LUFQUZ02	494.34	4.33	0.37	1.30	0.23	orthorhombic	Fe, Ni
448	MUVGUG	571.77	5.75	0.51	0.98	0.14	orthorhombic	Zn
449	YAXBOP	1071.83	5.94	0.52	1.13	0.35	triclinic	Fe

450	XADDUD	1553.19	6.65	0.58	1.13	0.37	triclinic	Co
451	DAXHUH	2217.37	7.37	0.67	0.88	0.61	triclinic	Fe
452	SARNOQ	1466.44	9.28	0.55	1.11	0.44	triclinic	Zn
453	MURCIL	599.71	8.30	0.36	1.54	0.19	other	Cu, Dy
454	BEPMIU	1036.24	10.48	0.44	1.02	0.36	other	Zn
455	DEYVUA	1978.01	5.24	0.70	0.96	0.46	tetragonal	Zn
456	INOVEN	1929.46	6.52	0.66	1.11	0.47	triclinic	Gd
457	QONQEQ	1579.91	7.11	0.70	0.94	0.50	other	Al
458	NIHBEM01	282.50	4.75	0.26	1.74	0.13	other	Fe
459	REGQUR	2157.26	6.07	0.69	1.03	0.53	other	Zn
460	KALGAH	1531.58	5.95	0.61	0.94	0.41	triclinic	Ni
461	VIRVEY	2245.19	7.10	0.72	1.09	0.56	orthorhombic	Pt, Zn
462	LAGCUT	1231.72	8.25	0.53	1.15	0.35	other	Ag, Zn
463	ICAGOK	2122.22	9.13	0.65	0.84	0.57	monoclinic	Cu
464	ISOHEE	1976.83	8.35	0.65	0.85	0.61	monoclinic	Zn
465	HIHGOW	1923.08	7.95	0.62	0.92	0.42	triclinic	Zn
466	AFOTUL	1411.51	8.77	0.63	1.06	0.45	triclinic	Sm
467	Zn-DOBDC	1196.76	11.70	0.73	1.22	0.49	triclinic	Zn
468	ZIKJOU	1585.97	5.32	0.63	0.97	0.45	triclinic	Cu
469	WAYMOA	1522.90	6.89	0.68	0.95	0.48	triclinic	Al
470	DEQFOU	225.86	4.47	0.36	1.34	0.09	triclinic	Cu
471	KIYMIQ	1013.42	7.27	0.49	1.04	0.28	other	Na
472	UZUNAF01	735.35	7.28	0.37	1.27	0.23	triclinic	Cu
473	SABVUN	1464.45	6.80	0.69	0.98	0.45	triclinic	Al
474	BIFKEI	1443.59	5.79	0.57	1.02	0.38	triclinic	Cu
475	QOCSAD	830.15	5.84	0.51	1.40	0.27	triclinic	Ce
476	IBOZIK	1751.80	6.03	0.60	0.94	0.47	monoclinic	Cu
477	WEMBUN	1099.23	4.84	0.53	1.71	0.29	monoclinic	Er
478	CUHPUR	2268.71	7.79	0.69	0.89	0.61	orthorhombic	Cd
479	HURGEH	1828.09	7.79	0.62	1.02	0.46	other	Co
480	WUWQEL	675.42	6.58	0.42	1.72	0.20	triclinic	Cd
481	RURPEA	343.62	4.26	0.38	1.80	0.17	other	Fe, Pt
482	VEDFIV	1129.55	5.77	0.51	1.07	0.29	orthorhombic	Co
483	DARDAD	1543.07	7.21	0.71	0.94	0.51	triclinic	Al
484	GIFKAH	779.67	4.32	0.38	1.23	0.28	triclinic	Cd, Ni
485	SUTBIT	1822.60	8.24	0.71	0.86	0.58	orthorhombic	Ni
486	WAYMIU	1510.95	7.79	0.71	0.98	0.48	triclinic	Al
487	VEDFER	1198.58	5.64	0.53	1.06	0.31	orthorhombic	Co
488	CIJVOH	1314.88	5.46	0.64	1.44	0.33	orthorhombic	Cd
489	Cd3BTB2	2042.56	6.83	0.65	0.97	0.50	triclinic	Cd
490	AWAGEL	1102.76	8.74	0.51	0.99	0.35	other	Cd
491	BEPNUH	918.70	10.82	0.47	1.17	0.31	other	Zn
492	CEHKUW	1524.03	6.97	0.67	1.26	0.39	tetragonal	Cd
493	FAPVAV	1704.39	6.72	0.63	0.96	0.44	orthorhombic	Co
494	DAWWEF	1810.29	6.74	0.62	1.08	0.48	tetragonal	Co

495	ANOMUM	2784.87	6.90	0.72	0.83	0.70	triclinic	Cu
496	FIVYEP01	506.84	5.70	0.36	2.03	0.15	triclinic	K, U
497	WIHVAL	434.98	5.07	0.29	1.61	0.16	other	Mn
498	VAKBIU	577.98	5.77	0.45	1.03	0.13	triclinic	Mn
499	EBIHII	1493.59	6.33	0.60	1.13	0.39	triclinic	Fe
500	FAPTUN	1607.14	6.56	0.63	0.98	0.42	orthorhombic	Cu
501	MOYYEF	1862.32	7.43	0.61	0.95	0.52	triclinic	Cu
502	FUTKEL	1443.77	6.45	0.51	0.98	0.37	triclinic	Zn
503	RELLAW	1986.98	7.58	0.64	0.90	0.48	other	Zn
504	KEWZOD	2223.84	8.56	0.67	0.84	0.61	orthorhombic	Zn
505	MUVHAN	441.59	5.67	0.51	0.98	0.13	orthorhombic	Zn
506	SADLOA	878.96	6.87	0.61	1.54	0.29	tetragonal	Nd
507	XUNJEW	788.25	7.70	0.50	1.35	0.24	other	Zn
508	CANRIU	1788.99	6.78	0.58	0.86	0.46	triclinic	Mg, Si
509	FUTCAZ	2974.29	6.67	0.71	0.82	0.74	orthorhombic	Mn
510	AFOYOK	1393.54	8.04	0.56	0.98	0.38	other	Cu
511	LAVTIN	837.59	6.61	0.60	1.63	0.27	tetragonal	Er
512	ROGSAI	1329.95	6.74	0.57	1.17	0.38	other	Ni
513	EBEWOZ01	818.53	6.79	0.60	1.63	0.27	tetragonal	Gd
514	LAVTOT	851.04	6.62	0.60	1.63	0.28	tetragonal	Er
515	CAWVIH	564.81	6.57	0.36	1.24	0.16	orthorhombic	Zn
516	JAVWUY	951.77	5.55	0.48	1.11	0.30	orthorhombic	Ag
517	UGUQOC	845.85	5.53	0.42	1.19	0.26	triclinic	Zn
518	SONTAR	2044.58	6.75	0.65	1.00	0.55	triclinic	Pr
519	EGELUY	1528.94	7.09	0.71	0.95	0.49	orthorhombic	Al
520	NOCLUN	1317.30	6.13	0.59	1.07	0.38	orthorhombic	Sr
521	IQEWOQ	461.88	5.05	0.30	1.59	0.17	other	Mn
522	WICGEV	424.25	5.09	0.29	1.61	0.15	other	Mn
523	MATVAF	2011.51	7.44	0.63	0.88	0.53	other	Zn
524	VACFOV01	1921.99	6.97	0.72	0.97	0.51	other	In
525	CUYWUP	1724.98	7.07	0.63	0.94	0.42	orthorhombic	Cu
526	NEJSOM	1082.22	5.59	0.51	1.12	0.30	triclinic	Cu
527	XEXLAP	1194.20	8.90	0.54	1.07	0.39	other	Mn
528	JEJWIF	2225.99	7.58	0.64	0.85	0.56	triclinic	Co
529	AFITIT	1129.06	7.40	0.47	1.02	0.30	triclinic	Zn
530	VATYAR	1156.76	5.84	0.54	1.48	0.34	triclinic	Nd
531	NEJRUR	533.79	4.34	0.42	1.24	0.15	triclinic	Cu
532	CUYYEB	786.63	5.16	0.53	1.16	0.23	tetragonal	Cd
533	VAHVOR	1785.06	6.07	0.66	1.15	0.44	triclinic	Dy
534	FIJCUX	1092.51	6.62	0.55	1.26	0.31	other	Zn
535	FIVYEP	529.76	5.70	0.36	2.03	0.15	triclinic	K, U
536	CADQAB	1778.28	6.53	0.67	1.12	0.45	triclinic	Pr
537	HAMJOW	1921.14	5.76	0.68	0.92	0.48	other	Zn
538	GAXKUN	2226.30	7.47	0.66	0.90	0.55	orthorhombic	Cd
539	XOPLOE	1896.95	7.54	0.60	0.99	0.48	triclinic	Cu

540	NIGGEQ	1842.19	7.21	0.71	1.25	0.46	triclinic	Tm
541	JEWCAP	648.45	6.28	0.27	1.11	0.18	other	Cu
542	SAMLAV	1015.69	5.41	0.49	1.19	0.28	orthorhombic	Cd
543	GERNOI	928.40	7.36	0.45	1.06	0.24	orthorhombic	Zn
544	HAWWOT	2193.87	6.70	0.70	1.02	0.55	other	Nd
545	QUQPIC	2585.40	6.15	0.67	0.84	0.60	monoclinic	Cd
546	WEMDOJ	1290.05	4.95	0.53	1.56	0.33	monoclinic	Sm
547	BEXPAX	4155.96	6.18	0.77	0.75	0.84	other	Ni
548	PAMVEG	71.61	4.26	0.15	1.31	0.04	orthorhombic	Zn
549	YUXQOY	2233.58	7.95	0.69	0.88	0.62	orthorhombic	Cd
550	LUFNAC	1293.97	7.47	0.59	1.03	0.40	triclinic	Mn
551	XEXMEU	1246.60	9.82	0.56	1.05	0.40	other	Zn
552	LUFNAC04	1308.84	7.64	0.59	1.03	0.41	triclinic	Mn
553	FIJCUX	1127.06	6.62	0.55	1.26	0.31	other	Zn
554	TAMJEY	1269.38	9.34	0.52	1.17	0.37	triclinic	Ag
555	GENGIR	1273.07	7.31	0.60	1.15	0.36	other	Dy
556	NIKZEN	294.45	4.86	0.27	1.74	0.13	other	Fe
557	VIXCUB	1824.67	5.43	0.57	1.09	0.41	triclinic	Cu
558	IFENOY01	340.86	7.24	0.19	1.33	0.11	triclinic	Zn
559	IVEHEW	1938.03	8.06	0.64	0.86	0.57	monoclinic	Cu
560	XIBZUF	2094.70	6.76	0.70	0.94	0.51	orthorhombic	Y
561	ISOJOQ	1643.01	5.70	0.58	0.99	0.36	tetragonal	In
562	DIDBEZ	1415.82	9.88	0.60	0.93	0.43	other	Co
563	AZIXUD	1446.78	5.95	0.60	1.10	0.38	orthorhombic	Zn
564	UFANEV	983.31	6.06	0.44	1.35	0.24	tetragonal	Ag
565	LELRUR	1336.61	7.73	0.56	1.05	0.36	triclinic	La
566	UZUNAF	713.03	7.30	0.37	1.27	0.23	triclinic	Cu
567	UVEVEX	1371.89	5.06	0.61	0.99	0.41	monoclinic	Mn
568	FUTDII	1619.42	10.35	0.62	0.87	0.55	triclinic	Fe
569	VATXEU	512.38	7.39	0.43	2.25	0.15	other	U
570	LUVTEC	976.93	11.12	0.49	1.08	0.33	other	Zn
571	YEQRER	2171.29	5.90	0.65	1.16	0.52	triclinic	K, Pt, Yb
572	GALBUS	1434.99	9.46	0.61	0.96	0.44	other	Ni
573	IXUREZ	857.46	5.62	0.48	1.17	0.21	triclinic	Zn
574	WAFKAQ	2163.15	8.40	0.73	0.91	0.61	triclinic	Zn
575	NEVVAM	870.36	7.39	0.51	1.42	0.28	triclinic	Co
576	RIHJUO	754.57	6.33	0.48	1.46	0.23	triclinic	Co
577	MIFKUJ	1869.53	5.70	0.57	0.92	0.46	triclinic	Zn
578	JETZAK	2270.45	6.50	0.65	0.75	0.61	other	Mg
579	IBICUT	907.41	10.48	0.43	1.07	0.33	other	Zn
580	NIGFUF	1854.39	7.30	0.72	1.23	0.47	triclinic	Dy
581	ETEKAQ01	1498.97	5.95	0.58	1.17	0.40	triclinic	Gd
582	VUQKAU	1120.93	4.77	0.55	1.01	0.28	other	Mn
583	HEKTAU	1020.61	4.78	0.54	1.12	0.26	triclinic	Cd
584	ETEJIX	1937.10	6.73	0.67	1.06	0.51	triclinic	La

585	AFOVOH	1443.18	8.74	0.64	1.05	0.44	triclinic	Nd
586	XUYXAR	178.35	4.44	0.25	1.51	0.05	monoclinic	Zn
587	AVEMAQ	1681.96	7.91	0.51	0.91	0.41	tetragonal	Ni
588	EMITUQ	1531.35	7.39	0.60	0.97	0.42	other	Zn
589	VASKOR	765.19	4.30	0.38	1.16	0.20	orthorhombic	Sc
590	RAZYOI	1459.54	7.80	0.64	1.08	0.41	other	Cu
591	AMUXAI	1264.40	9.01	0.48	1.02	0.38	triclinic	Cu
592	XUMVEH	1543.58	5.47	0.60	1.14	0.43	triclinic	Nd
593	WUNSEE01	448.12	4.81	0.38	1.21	0.10	tetragonal	Cd
594	HAFVOB	1168.16	5.27	0.55	0.99	0.28	orthorhombic	Ca
595	DAWCOV	1541.19	6.54	0.60	0.98	0.40	triclinic	Mn
596	ECODIK	1115.34	4.58	0.56	1.20	0.31	other	Cu
597	TIGDOD	1515.60	6.38	0.58	0.94	0.41	other	Zn
598	MUZHUL	1105.86	4.18	0.56	1.19	0.30	triclinic	Zn
599	GEDRAK	1712.19	5.77	0.63	1.16	0.36	triclinic	Nd
600	IBIDAA	801.96	10.49	0.43	1.21	0.29	other	Zn
601	DARCOQ	1514.10	7.24	0.60	1.01	0.44	other	Y
602	FIHRIZ	1287.11	6.60	0.58	1.06	0.38	triclinic	Ni
603	PURJIW	1923.36	8.15	0.60	0.89	0.51	triclinic	Zn
604	EDADIX	452.85	4.30	0.43	1.24	0.13	triclinic	Zn
605	CIJVOH01	1407.19	5.62	0.66	1.43	0.35	orthorhombic	Cd
606	TASXIW	1684.96	6.93	0.64	1.11	0.41	triclinic	Zn
607	BEPPAP	1046.81	9.35	0.43	1.03	0.36	other	Zn
608	ATIBOU01	459.07	5.06	0.30	1.59	0.17	other	Mn
609	ATICAH	450.17	4.90	0.29	1.60	0.16	other	Mn
610	VEMTAJ01	765.47	4.93	0.49	1.24	0.18	orthorhombic	Co
611	PARNON	1890.53	7.82	0.61	0.97	0.48	triclinic	Cu
612	KANDIO	761.20	6.04	0.48	1.17	0.20	triclinic	Zn
613	KANCIN	529.55	4.81	0.43	1.19	0.17	other	Zn
614	NATXOW	342.79	6.05	0.35	2.37	0.09	orthorhombic	Ag
615	LETRIN	850.65	6.95	0.54	1.45	0.27	triclinic	Zn
616	KINFAQ	1100.77	7.57	0.62	1.35	0.33	triclinic	Tm
617	YUBFOR	1031.34	8.69	0.50	1.20	0.34	triclinic	Zn
618	DARFOT	1257.27	7.35	0.59	1.18	0.34	other	Tm
619	NIKDAM	1292.86	7.97	0.52	0.96	0.41	triclinic	Ce
620	GEDTAM	1817.46	6.10	0.65	1.09	0.44	triclinic	Nd
621	IJASOC	1632.14	6.15	0.61	1.02	0.48	triclinic	Tm
622	HAWWIN	2168.47	7.00	0.69	1.04	0.53	other	Nd
623	DEYDOA	719.54	4.47	0.36	1.27	0.22	monoclinic	Cd, Ni
624	VIRPOC	1113.26	7.88	0.57	1.31	0.35	triclinic	Ni
625	XAPTUE	792.63	6.88	0.54	1.47	0.25	triclinic	Gd
626	NABMUA01	1161.12	6.10	0.60	1.12	0.35	other	Mg
627	UWUTIQ	1495.83	6.30	0.60	1.01	0.35	monoclinic	Zn
628	DARDEH	1394.38	7.53	0.61	1.10	0.40	other	Sm
629	UZUNEJ	720.26	7.30	0.37	1.26	0.24	triclinic	Cu

630	WUNSEE	450.21	4.74	0.38	1.21	0.10	tetragonal	Cd
631	OKIWUB01	480.81	4.73	0.37	1.20	0.12	tetragonal	Cd
632	WEMFOL	1126.88	4.86	0.53	1.69	0.28	monoclinic	Ho
633	PUSDOX	1081.42	7.10	0.48	1.11	0.27	triclinic	Zn
634	LUFNAC03	1287.90	7.71	0.59	1.03	0.40	triclinic	Mn
635	IBICIH	940.79	10.29	0.43	1.07	0.32	other	Zn
636	GIFKIP	777.84	4.49	0.36	1.26	0.23	monoclinic	Cd, Ni
637	SADLIU	853.46	6.62	0.62	1.67	0.26	tetragonal	Yb
638	IFEHUY	1443.21	11.28	0.67	1.04	0.53	triclinic	Mn
639	IBICON	792.33	10.41	0.42	1.22	0.28	other	Zn
640	NIKYUC02	377.76	4.87	0.29	1.67	0.15	other	Fe
641	HEDCIE	1455.99	6.94	0.53	1.03	0.38	triclinic	Cu
642	VETTOE	2234.61	6.95	0.72	0.90	0.57	triclinic	Pr
643	NIGGAM	1875.96	7.28	0.71	1.22	0.48	triclinic	Ho
644	HAFVUH	1549.86	7.22	0.63	0.94	0.49	triclinic	Mg
645	BONMEX	1924.02	6.30	0.64	0.86	0.51	triclinic	Ni
646	ALIXOJ	1877.78	7.79	0.62	0.98	0.48	monoclinic	Ni
647	NERSUA	1736.67	7.12	0.59	0.98	0.43	other	Cu
648	MOSDUT	938.87	4.75	0.45	1.12	0.25	monoclinic	Co
649	LAWGIA	3733.66	15.08	0.83	0.59	1.27	triclinic	Zn
650	NIKZEN01	309.91	4.85	0.27	1.73	0.13	other	Fe
651	HAWWUZ	2162.41	6.75	0.69	1.03	0.53	other	Nd
652	GOGWAB	1700.77	4.76	0.62	1.06	0.47	triclinic	Zn
653	GIYTIS	1959.74	5.91	0.62	0.96	0.51	triclinic	Zn
654	QOJVAM	789.54	5.22	0.58	1.39	0.25	triclinic	Cu
655	RIDDUE	756.03	6.31	0.48	1.46	0.24	triclinic	Co
656	KINDOC	1648.19	6.18	0.61	1.02	0.49	triclinic	Tm
657	ODUNEH	1812.97	7.00	0.62	0.96	0.47	triclinic	Zn
658	VICDOC	532.50	4.57	0.45	1.15	0.17	triclinic	Fe
659	XIDBUJ	1058.98	7.47	0.50	1.10	0.31	triclinic	Zn
660	PUSDIR	961.67	6.33	0.45	1.12	0.25	triclinic	Zn
661	DARFAF	1353.25	7.42	0.60	1.14	0.39	other	Dy
662	PEVQIS	3582.43	14.92	0.81	0.61	1.21	rhombohedral	Zn
663	UDANAQ	1095.46	6.36	0.55	1.08	0.33	triclinic	Zn
664	NIHBEM02	347.52	4.86	0.28	1.70	0.14	other	Fe
665	UXEHIP	1376.92	6.36	0.55	0.94	0.36	orthorhombic	Zn
666	TEWFUY01	451.31	4.79	0.38	1.20	0.13	triclinic	Cu
667	XINRAP	1841.14	7.84	0.61	1.00	0.53	triclinic	Co
668	BETDAH	1743.68	6.02	0.65	1.16	0.42	triclinic	Ho
669	YIWPEZ	1387.87	6.78	0.52	1.25	0.44	other	Cd
670	GULWOA	1282.16	7.26	0.57	1.28	0.37	triclinic	Cd
671	NIKYUC01	316.63	4.74	0.27	1.71	0.14	other	Fe
672	PEWXUL01	596.58	5.71	0.41	1.06	0.16	triclinic	Ni
673	EKOPIE	1431.69	6.36	0.62	1.22	0.38	other	Cd, Sr
674	OGAGEJ	1454.28	5.42	0.55	1.06	0.36	other	Zn

675	YEKXET	2146.36	7.13	0.65	0.99	0.48	tetragonal	Zn
676	BETFEN	1815.54	6.02	0.65	1.08	0.44	triclinic	Pr
677	ADOBOL	189.25	5.65	0.29	1.72	0.06	other	Co, V
678	ULUVUT	1238.46	4.98	0.52	1.15	0.39	triclinic	Zn
679	COMDOY	972.61	5.66	0.60	1.23	0.31	triclinic	Ga
680	BETFUD	1934.52	6.48	0.64	1.06	0.45	triclinic	Ce
681	VACFUB	821.96	8.77	0.42	1.18	0.28	other	Zn
682	LAZKUU	1223.65	6.58	0.51	1.00	0.31	other	Cd
683	WEBREC	559.78	5.51	0.37	1.22	0.16	other	Zn
684	WAMRIN02	1390.43	7.20	0.62	0.96	0.44	other	Mg
685	REGREC	2516.22	7.69	0.75	0.90	0.70	other	Zn
686	NESSOV	977.48	6.28	0.52	1.03	0.29	triclinic	Co
687	WEMCAU	1084.38	4.84	0.56	1.75	0.27	monoclinic	Yb
688	PIDMEV01	1401.96	7.92	0.57	1.06	0.38	triclinic	Zn
689	UZIJJ	1656.48	6.70	0.61	1.02	0.40	other	Ce
690	XEQGEH	327.71	4.62	0.28	1.15	0.09	monoclinic	Zn
691	PIFPIE	1431.18	8.11	0.57	1.05	0.39	triclinic	Zn
692	LUFNAC01	1329.04	7.73	0.59	1.03	0.40	triclinic	Mn
693	XOHLEM01	1072.21	5.30	0.59	1.34	0.31	other	Zn
694	ILOJOJ	561.70	6.13	0.31	1.28	0.17	triclinic	Cu
695	BETGAK	1945.69	6.45	0.64	1.06	0.46	triclinic	La
696	CAXXEG	856.98	6.32	0.45	1.21	0.21	monoclinic	Ni
697	AWOFOI	1327.07	5.39	0.61	1.32	0.33	other	Ce
698	GEDQOX	2033.34	6.25	0.67	1.08	0.47	triclinic	Nd
699	AVIPAX	1741.40	7.22	0.62	0.96	0.46	other	Mg
700	AVELOD	1678.45	8.08	0.54	0.92	0.45	tetragonal	Cu
701	VAZTOG	3699.55	15.11	0.82	0.59	1.25	triclinic	Zn
702	IGAHAB	1022.46	8.08	0.55	1.10	0.29	other	Cr, Cu
703	OYODEM	975.62	9.07	0.39	1.02	0.29	other	B, Zn
704	UCEXOQ	785.45	6.35	0.52	1.48	0.24	triclinic	Er
705	GUYLOC	1431.04	6.34	0.56	1.07	0.38	triclinic	Zn
706	IBICAZ	927.50	10.27	0.43	1.07	0.32	other	Zn
707	EZUCIM	1273.64	5.09	0.56	1.00	0.39	orthorhombic	Zn
708	HAFTOZ	3602.90	15.38	0.81	0.55	1.33	triclinic	Ni
709	QOCRUW	869.98	5.83	0.51	1.38	0.27	triclinic	La
710	ETEKAQ	1774.25	6.66	0.68	1.13	0.46	triclinic	Gd
711	IXURID	1100.31	5.48	0.51	1.15	0.30	triclinic	Zn
712	SUGWEX03	909.17	5.87	0.47	1.09	0.24	other	Cu
713	CAYBAH	447.78	5.33	0.32	1.49	0.14	tetragonal	Cu
714	HOMZEP	816.97	8.52	0.71	1.30	0.23	other	Ga
715	DONNAW01	1195.33	6.80	0.62	1.16	0.37	triclinic	Ga
716	RIWSUM	810.47	5.69	0.42	1.11	0.18	other	Cd
717	NIGFIT	1840.48	7.27	0.71	1.23	0.47	triclinic	Er
718	LOBHAM	1434.23	6.51	0.58	1.02	0.40	other	Ni
719	NAXVOY02	350.88	4.78	0.28	1.39	0.14	other	Mg



720	UGAQEY	632.30	4.82	0.44	1.29	0.15	tetragonal	Mo, Ni
721	DUXZIG01	2363.42	6.00	0.59	1.05	0.59	tetragonal	Ni, Zn
722	OQANIE	984.84	7.69	0.54	1.08	0.26	orthorhombic	Cu
723	SEHTAB	1259.18	5.17	0.67	1.41	0.35	other	Yb
724	NIKZEN02	347.02	4.93	0.28	1.70	0.14	other	Fe
725	OBEDEE	1671.89	5.86	0.57	0.93	0.43	monoclinic	Ag
726	FAFMAC	808.67	6.91	0.41	1.26	0.23	other	Ag
727	ACOLUB	1218.50	7.70	0.52	1.08	0.31	triclinic	Cd
728	YUKKAR	1227.51	5.63	0.52	1.15	0.31	triclinic	Mn
729	GERWEH	1216.69	9.32	0.64	1.11	0.39	other	Cu, Si
730	COWMOR	1514.88	6.85	0.63	1.25	0.42	monoclinic	Er
731	SAMLAV02	1145.48	5.85	0.53	1.20	0.33	other	Cd
732	RUVMAX	1013.66	5.03	0.53	1.20	0.28	triclinic	Zn
733	FUNBIA	1290.69	7.93	0.53	0.99	0.38	orthorhombic	Zn
734	FAPTOH	1774.60	7.34	0.64	1.03	0.45	orthorhombic	Cd
735	KEDQAN	572.02	6.55	0.36	1.24	0.16	orthorhombic	Zn
736	YANBAR01	265.31	4.38	0.27	1.82	0.10	other	Co
737	GIVDUL	715.45	6.58	0.39	1.82	0.17	tetragonal	Cu
738	ISENUQ	736.40	6.17	0.42	1.30	0.17	other	Dy, Ni
739	YEYFEP	1626.41	7.17	0.65	1.20	0.41	tetragonal	Ho
740	FAPTIB	1611.47	7.30	0.63	1.03	0.43	orthorhombic	Cd
741	DARFEJ	1290.31	7.37	0.60	1.17	0.35	other	Ho
742	PEWGEF	1615.47	9.91	0.59	1.04	0.52	triclinic	Cu
743	MATTOR	482.34	5.44	0.43	1.24	0.15	triclinic	Zn
744	NIGGIU	1834.38	7.16	0.74	1.27	0.46	triclinic	Yb
745	HOWPUF	1929.06	7.89	0.65	0.97	0.52	orthorhombic	Zn
746	DARDOR	1323.47	7.67	0.60	1.14	0.38	other	Gd
747	XEXLUJ	1125.08	9.09	0.52	1.12	0.36	other	Zn
748	COGWEB	1773.59	6.48	0.60	0.92	0.44	tetragonal	Zn
749	PIDMEV	1474.91	7.96	0.58	1.03	0.40	triclinic	Zn
750	GADMAA	604.64	8.30	0.37	1.50	0.19	other	Gd, Zn
751	SARBOE	627.69	4.85	0.47	1.20	0.21	orthorhombic	Zn
752	IPIJUM	502.28	5.56	0.44	1.74	0.13	triclinic	Er
753	AWEJIW	968.60	11.17	0.55	1.19	0.35	triclinic	Cd
754	IWELOM	227.96	4.71	0.37	1.86	0.08	triclinic	Co
755	LUSJIT	878.05	5.99	0.47	1.19	0.28	triclinic	Mn
756	DEYJIC	756.48	4.95	0.49	1.26	0.25	triclinic	Ni, V
757	TUTJAU	1236.99	6.85	0.57	1.06	0.36	other	Mn
758	KONYOB	293.58	4.80	0.19	1.37	0.10	triclinic	Cd, Ni
759	VICYUD	1020.11	5.83	0.50	1.15	0.25	other	Zn
760	SAMLAV01	897.52	5.54	0.51	1.23	0.28	other	Cd
761	AROFAP	1030.86	5.92	0.55	1.17	0.28	triclinic	Cd
762	RAZYIC	1044.04	7.88	0.64	1.41	0.31	triclinic	Cu
763	FEZREJ	1333.20	6.46	0.62	1.32	0.34	other	Ba, Cd
764	ODODES	1454.70	5.97	0.55	0.99	0.36	triclinic	Si, Zn

765	UJIZET	1529.87	7.14	0.62	1.16	0.42	other	Nd
766	QOMFAA	1028.69	5.60	0.52	1.08	0.35	triclinic	Zn
767	LUQGAG	1209.12	7.27	0.50	1.09	0.32	triclinic	Co
768	SABVOH01	1367.85	6.24	0.68	1.01	0.43	orthorhombic	Al
769	DARFIN	1250.73	7.42	0.59	1.18	0.34	other	Er
770	ETEJUU	1811.14	6.69	0.67	1.11	0.47	triclinic	Sm
771	WEMFIF	1139.82	4.86	0.53	1.67	0.28	monoclinic	Dy
772	BETDEL	1682.41	6.63	0.65	1.16	0.42	triclinic	Dy
773	VACFUB01	815.20	8.98	0.43	1.18	0.29	other	Zn
774	LUFNAC05	1285.29	7.58	0.59	1.03	0.40	triclinic	Mn
775	MURCOR	562.39	8.11	0.35	1.58	0.18	other	Cu, Ho
776	TENLIJ	904.53	5.33	0.47	1.14	0.25	triclinic	Zn
777	KIFKEQ	1118.15	4.86	0.55	0.93	0.29	other	Mg
778	WEBKOD	1085.63	6.62	0.54	1.28	0.32	triclinic	Cd
779	ATAFIK	1465.29	6.27	0.66	1.22	0.40	other	Zn
780	UJARAZ	1028.52	5.67	0.56	1.15	0.30	triclinic	Ni
781	FEYQIK	875.46	5.77	0.49	1.30	0.27	triclinic	Pr
782	SEQTEP	1246.39	7.44	0.51	0.97	0.35	triclinic	Mn
783	AFOVAT	1401.53	8.24	0.62	1.04	0.44	triclinic	La
784	BASJUB	1226.81	5.35	0.49	1.03	0.32	tetragonal	Co
785	TECVEE	792.66	6.02	0.43	1.17	0.25	triclinic	Ca
786	FEDBEX	795.56	5.53	0.45	1.57	0.21	triclinic	Tm
787	GEDDEA	1079.16	10.14	0.51	1.30	0.30	triclinic	Ni
788	NAZBAT	988.82	7.37	0.68	1.03	0.27	triclinic	In
789	CIWYUD	772.58	6.99	0.48	1.41	0.27	triclinic	Co
790	EDAGEX	300.81	4.80	0.28	1.79	0.12	other	Co
791	BAKJEE	2179.15	6.02	0.67	0.92	0.53	other	Co
792	LAGPAM	769.23	5.52	0.49	1.30	0.25	triclinic	Y
793	VATYEV	1025.63	5.70	0.52	1.60	0.30	triclinic	Gd
794	ZILBED	758.15	4.97	0.49	0.95	0.22	other	Co
795	IJASAO01	791.99	6.15	0.45	1.22	0.21	triclinic	Er
796	DEKHUX	1122.14	6.50	0.52	1.05	0.34	triclinic	Mn
797	PEYSIW	572.58	5.70	0.40	1.06	0.17	triclinic	Ni
798	HAMREU	409.09	7.37	0.32	1.80	0.14	other	Ce, Cu
799	QESYOD	517.61	7.45	0.34	1.70	0.12	triclinic	Cu
800	ADAXEK	783.51	5.75	0.48	1.26	0.25	triclinic	Co
801	XOMJUE	317.05	6.43	0.41	1.22	0.08	other	Er
802	YEGCUJ	672.97	7.32	0.43	1.37	0.19	cubic	Pd
803	PURJES	1131.00	6.31	0.57	1.08	0.33	triclinic	Zn
804	LIFWEE	413.59	4.91	0.48	1.29	0.17	tetragonal	Cu
805	SABVOH	1350.78	6.00	0.67	1.00	0.43	orthorhombic	Al
806	GEDSUF	954.00	7.26	0.53	1.21	0.27	triclinic	Nd
807	SUJNUH	664.47	7.55	0.38	1.25	0.20	other	Cu
808	XAKQOR	1097.82	5.54	0.53	0.97	0.30	triclinic	Cu
809	NEHNEV	1582.76	6.06	0.56	0.97	0.43	triclinic	Zn

810	FEFZOF	401.49	4.75	0.40	1.78	0.14	orthorhombic	Co, Hg
811	KOFPEB05	420.27	7.29	0.32	1.79	0.14	other	Cu, La
812	IXUWII	1472.38	7.75	0.56	0.93	0.39	triclinic	Co
813	IBICED	789.86	10.36	0.42	1.23	0.28	other	Zn
814	SUNHUF	976.90	6.56	0.52	1.27	0.29	other	Nd
815	COWMAD	1535.89	6.89	0.63	1.22	0.43	monoclinic	Dy
816	NEKBEL	382.62	4.87	0.30	1.60	0.11	monoclinic	Co, W
817	EXEWAG	1314.98	8.05	0.55	1.07	0.37	triclinic	Zn
818	YEYBOV	262.82	4.80	0.17	1.50	0.07	triclinic	Ba
819	DARDAD	1244.04	7.21	0.60	1.20	0.34	other	Lu
820	BETDAH	1803.70	6.02	0.65	1.11	0.43	triclinic	Sm
821	NIHBIQ01	427.06	5.00	0.30	1.65	0.16	other	Fe
822	SEHSUU	1329.64	5.20	0.64	1.38	0.35	other	Er
823	SEHTEF	1706.10	5.43	0.66	1.08	0.46	other	Y
824	WEMGAY	1035.59	5.42	0.49	1.10	0.33	orthorhombic	Be
825	SAMLAV03	1141.03	6.04	0.53	1.20	0.33	orthorhombic	Cd
826	KUXLUL	1626.52	5.44	0.65	1.22	0.42	orthorhombic	Cu
827	XUMFIV	801.93	4.67	0.42	1.08	0.24	triclinic	Cu
828	GIYSAJ	119.42	5.49	0.27	1.56	0.04	orthorhombic	La
829	XOPVII	1325.25	6.84	0.51	1.06	0.35	triclinic	Ni
830	ELIKIU	529.68	5.02	0.42	1.55	0.16	triclinic	Sm
831	MOYMET	1006.20	9.09	0.45	1.00	0.34	other	Co
832	CUNWEO	836.90	6.91	0.46	1.23	0.26	other	Cd
833	REJLIC	1365.32	7.38	0.53	1.09	0.33	triclinic	Co
834	XEKCAT01	2258.84	5.68	0.67	0.93	0.52	other	Mg
835	GIYSUD	1423.04	5.31	0.57	1.22	0.35	triclinic	Cd
836	JASNAT	599.40	4.82	0.41	1.25	0.18	triclinic	Zn
837	VAGTUU	566.48	6.30	0.53	1.19	0.16	other	Zn
838	LAVTEJ	874.00	6.71	0.60	1.59	0.28	tetragonal	Dy
839	GAXKOH	1675.06	10.42	0.61	0.96	0.50	other	Cd, K
840	GOKBUE	688.24	6.19	0.40	1.63	0.21	triclinic	Cu
841	WEMFAX	1222.57	4.90	0.53	1.61	0.31	monoclinic	Gd
842	QAVWAN	828.31	6.47	0.47	1.14	0.25	triclinic	Zn
843	WASTUG	1208.19	10.45	0.63	1.59	0.34	orthorhombic	La, Mo
844	RUMWUS	995.02	6.09	0.54	1.11	0.30	triclinic	Zn
845	IFENOY02	343.41	7.27	0.19	1.32	0.11	triclinic	Zn
846	LAGBUS	1099.80	7.73	0.49	1.19	0.29	other	Ag, Fe
847	LUFNAC02	1295.27	7.69	0.59	1.03	0.40	triclinic	Mn
848	GUWDUY	1358.58	6.14	0.56	0.98	0.38	triclinic	La
849	IFENOY	341.12	7.30	0.18	1.35	0.10	triclinic	Zn
850	LETFEW	326.28	5.62	0.26	2.12	0.08	orthorhombic	Cu
851	UKAPUS	1269.72	7.01	0.59	1.14	0.38	triclinic	Nd
852	GAYFOD	1110.97	5.94	0.57	1.15	0.38	other	Zn
853	IBASEL	424.05	7.43	0.32	1.77	0.14	other	Cu, La
854	TAGSEB	590.75	5.66	0.34	1.33	0.14	orthorhombic	Cu, V

855	DOCKOW	478.71	6.95	0.26	1.39	0.13	triclinic	Mn,Zn
856	FAMBUS	1013.68	6.22	0.53	1.17	0.31	triclinic	Cd
857	INIRAY	751.84	6.64	0.32	1.15	0.20	triclinic	Co, Ni
858	EDAFUM	305.92	4.88	0.28	1.77	0.12	other	Co
859	TOLGOR	988.91	5.96	0.45	1.18	0.24	other	Cd
860	INIQR	687.79	6.36	0.30	1.16	0.18	triclinic	Fe, Ni
861	GESFAN	774.91	7.31	0.34	1.06	0.25	triclinic	Ni
862	FIHFAF	1017.22	5.88	0.51	1.21	0.31	triclinic	Co
863	RAVWAO	2624.70	17.93	0.76	0.54	1.26	triclinic	Mg
864	KEVVIS	741.67	6.98	0.37	1.16	0.21	other	Co
865	COYCEZ	1188.99	6.15	0.52	1.16	0.28	other	Cu, Mo
866	QAQRUW01	1974.91	6.61	0.62	0.85	0.52	triclinic	Mg
867	EFOTEZ	740.41	4.98	0.55	2.68	0.16	orthorhombic	Mn, Re, Se
868	CITZIP	851.23	6.68	0.51	1.43	0.27	triclinic	Co
869	GITWIQ	408.25	5.05	0.32	1.55	0.12	triclinic	Zn
870	KIFJUF	2683.08	5.58	0.59	0.82	0.59	other	Mg
871	PIZPET	917.38	4.81	0.49	1.31	0.27	other	Y
872	KAWBOB	1281.01	7.30	0.53	1.08	0.38	monoclinic	Mn
873	BURJOO	1506.84	5.25	0.59	0.98	0.37	other	Mn
874	MODNUO	348.82	4.51	0.29	1.61	0.08	orthorhombic	Cd
875	ETEJOD01	1984.43	6.56	0.68	1.10	0.50	triclinic	Nd
876	TOHYUL	1017.66	7.11	0.51	1.34	0.30	orthorhombic	Cd
877	GUYMAP	1363.39	7.33	0.55	1.08	0.37	triclinic	Zn
878	XIHSAJ	1373.16	5.88	0.58	1.01	0.38	triclinic	Co
879	BUVXOG	528.64	6.83	0.25	1.27	0.14	triclinic	Fe
880	FAZPED	410.95	7.63	0.30	1.65	0.13	triclinic	Co
881	IKETAU	867.10	5.59	0.50	1.55	0.25	triclinic	Nd
882	EGATOW	1383.36	5.82	0.63	1.21	0.36	other	Co, Zn
883	MARXEK	794.45	6.54	0.61	1.69	0.27	tetragonal	Lu
884	LAVTUZ	815.58	6.59	0.62	1.67	0.27	tetragonal	Yb
885	NIHQIQ02	457.68	4.95	0.31	1.63	0.17	other	Fe
886	BOJCIN	518.70	5.77	0.28	1.11	0.13	triclinic	Mo
887	WUTBES	403.07	7.40	0.32	1.78	0.14	other	Cu, La
888	BIYTEJ	666.48	6.20	0.40	1.39	0.20	other	Zn
889	NAGQET	683.66	6.41	0.36	1.17	0.18	triclinic	Co
890	LIGHAM	896.25	5.79	0.40	1.05	0.25	triclinic	Mn
891	CEGDUO	269.12	4.93	0.27	1.92	0.09	orthorhombic	Ag
892	DARCUW	1238.70	7.25	0.60	1.20	0.34	other	Yb
893	XUVHEB	1087.37	5.92	0.52	1.08	0.31	orthorhombic	Zn
894	RUWWOW	592.30	5.07	0.42	1.49	0.17	triclinic	La
895	ADIQEL	375.12	4.25	0.43	1.24	0.21	monoclinic	Co
896	OKITIM	523.85	4.83	0.40	1.22	0.12	tetragonal	Cd
897	CUIMDZ01_cle	48.56	5.07	0.07	1.67	0.03	triclinic	Cu
898	RUWWOW01	597.57	5.09	0.42	1.49	0.18	triclinic	La
899	OXITOF	838.08	5.85	0.43	1.25	0.24	triclinic	Co

900	OTAVOV	1413.75	5.82	0.47	1.05	0.31	orthorhombic	La
901	UJAQUS	1767.27	6.89	0.66	0.99	0.49	orthorhombic	Zn
902	JOHFIW	1108.39	6.57	0.60	1.30	0.34	tetragonal	Y
903	OKIWUB	483.52	4.72	0.38	1.21	0.12	tetragonal	Cd
904	OKILEA	498.67	6.35	0.40	1.16	0.13	triclinic	Mn
905	PIXPET	681.98	4.78	0.39	1.14	0.20	other	Zn
906	RUWXEN	650.90	5.09	0.43	1.47	0.19	triclinic	La
907	LUSJEP	868.94	6.00	0.48	1.19	0.28	triclinic	Mn
908	OKIXIQ02	479.62	5.01	0.38	1.20	0.12	tetragonal	Cd
909	ANENIR	477.95	6.21	0.30	1.33	0.15	triclinic	La
910	TOZHAR	646.57	4.64	0.52	1.35	0.26	orthorhombic	Ag
911	ABUWOJ	938.32	4.67	0.54	1.16	0.24	orthorhombic	Zn
912	EPEWEC	744.42	5.90	0.41	1.27	0.22	tetragonal	Co
913	IYUJAO	666.80	6.37	0.40	1.40	0.16	triclinic	In
914	ELIKEQ	559.86	5.04	0.43	1.51	0.16	triclinic	Nd
915	DEYLUQ	507.17	7.03	0.37	1.62	0.14	triclinic	Cd
916	CANRUG	1641.58	6.58	0.58	0.88	0.36	other	Ca, Si
917	KABXIW	1508.64	5.40	0.60	1.14	0.41	triclinic	Pr
918	SAHYAD	492.91	5.58	0.38	1.20	0.12	tetragonal	Cd
919	MOF-70	724.52	4.98	0.58	1.69	0.21	other	Pb
920	DAWCAH	613.12	5.77	0.39	1.35	0.19	orthorhombic	Ni
921	YANBAR02	348.97	4.89	0.29	1.73	0.15	other	Co
922	ASADAA	717.88	5.87	0.44	1.52	0.18	triclinic	Cd
923	NAKLIW	965.98	4.72	0.55	1.16	0.25	orthorhombic	Zn
924	VAGTAA	1707.35	5.66	0.60	0.87	0.54	triclinic	Mg
925	KAYBIX	934.32	5.66	0.57	1.21	0.30	monoclinic	Ca
926	SERKAC	694.62	8.94	0.47	1.63	0.22	other	Er
927	PORVUO	852.68	4.20	0.50	1.06	0.29	triclinic	Zn
928	DEFKUU	774.71	5.42	0.46	1.71	0.21	monoclinic	Cu
929	OFESIC	410.94	7.36	0.32	1.82	0.14	other	Cu, Sm
930	NIHBIQ	409.69	4.98	0.29	1.67	0.15	other	Fe
931	ITIWIS	463.23	5.38	0.37	1.22	0.11	tetragonal	Cd
932	OKIVAG	455.82	4.78	0.32	1.31	0.12	tetragonal	Cd
933	WUNSI01	480.50	4.81	0.38	1.20	0.12	tetragonal	Cd
934	ZEZQEC	1083.55	6.68	0.54	1.25	0.34	triclinic	Gd
935	LAVSUY	1073.77	6.62	0.61	1.28	0.35	tetragonal	Y
936	FIJDIM07	889.62	5.57	0.52	1.23	0.27	triclinic	Mn
937	ADOBAX	196.31	5.52	0.31	1.64	0.06	other	Mn, V
938	TOKDON	1563.19	5.47	0.65	1.19	0.40	monoclinic	Cd
939	CENPUI	874.07	6.14	0.48	1.00	0.29	triclinic	Mg
940	CIFDUS	1431.81	5.87	0.58	0.98	0.38	other	Mn
941	IWELIG	208.00	4.67	0.37	1.86	0.08	triclinic	Co
942	XEXLIX	841.65	7.38	0.45	1.24	0.25	other	Zn
943	MICDEJ	861.13	5.28	0.44	1.18	0.23	triclinic	Mn
944	NIBXUT	648.62	5.91	0.44	1.94	0.17	orthorhombic	Gd

945	EJEJIX01	2001.86	6.61	0.66	1.08	0.50	triclinic	La
946	CAYSOK	529.49	7.16	0.25	1.16	0.14	triclinic	Mn
947	SOQDEI	1464.85	5.36	0.56	1.02	0.40	other	Cd
948	KOFPEB	422.76	7.32	0.32	1.78	0.14	other	Cu, La
949	HOXKUB	609.14	6.18	0.51	1.72	0.18	other	Yb
950	WIJDAV	817.20	6.62	0.49	1.45	0.25	other	Zn
951	OCUGEZ	858.33	5.75	0.49	1.32	0.28	triclinic	Nd
952	YAQDIF	490.67	4.25	0.53	1.14	0.12	triclinic	Cd
953	QAQSAD	623.68	4.90	0.45	1.22	0.20	triclinic	Zn
954	HIFTUM	680.74	6.02	0.30	1.17	0.19	triclinic	Fe, Ni
955	FECKAA	693.76	5.75	0.46	0.98	0.16	triclinic	Zn
956	WOPDEL	255.28	4.88	0.19	1.21	0.10	triclinic	Mn
957	GEDSAL	1495.23	5.25	0.61	1.17	0.34	triclinic	Nd
958	ILIGAL	335.16	5.39	0.31	1.84	0.13	other	Pr
959	WIWHUG	288.56	4.82	0.30	1.45	0.12	other	Cu
960	OBUFIB	319.33	4.72	0.29	1.57	0.11	triclinic	Zn
961	LUMZUO	1115.08	5.90	0.61	1.87	0.26	triclinic	Mn, W
962	AFUPEX	1322.86	5.39	0.64	1.39	0.34	other	Tm
963	WOHBOL	594.84	5.79	0.32	1.36	0.18	triclinic	Cu
964	DAWBIO	504.44	4.95	0.35	1.40	0.17	orthorhombic	Co
965	JEBCOJ	373.32	7.20	0.32	1.89	0.13	other	Cu, Sm
966	ACODED	908.90	6.28	0.51	1.13	0.24	orthorhombic	Cu
967	NEJSEC	520.81	5.34	0.41	1.24	0.15	triclinic	Cu
968	OCUGEZ01	854.60	5.79	0.49	1.30	0.28	triclinic	Nd
969	WEFXIQ	1231.34	6.83	0.54	1.06	0.36	monoclinic	Ni
970	NOFRAC	801.13	5.83	0.62	2.12	0.20	other	As, Pb
971	EBEXEQ01	847.25	6.93	0.59	1.61	0.28	tetragonal	Gd
972	WUTBIW	395.82	7.27	0.32	1.84	0.13	other	Cu, Nd
973	AFOVIB	1342.49	8.71	0.63	1.09	0.43	triclinic	Gd
974	ZEBMAW	1391.74	7.36	0.57	1.03	0.34	triclinic	Ce, Si
975	RIXBIK	756.16	6.71	0.40	1.15	0.24	other	Mn
976	QEFNAQ	541.50	6.29	0.34	1.29	0.17	cubic	Cu
977	COWMUX	1496.77	6.84	0.63	1.26	0.42	monoclinic	Tm
978	IWELIG01	209.64	4.59	0.37	1.87	0.08	triclinic	Co
979	ELIKAM	586.30	5.09	0.43	1.50	0.17	triclinic	Pr
980	PEPLOM	915.46	5.47	0.48	1.20	0.26	orthorhombic	V
981	GALCED	922.97	7.18	0.46	1.21	0.26	other	Cd
982	KABXES	1444.02	5.53	0.59	1.18	0.38	triclinic	Sm
983	PENNUT	755.10	5.29	0.40	1.35	0.21	triclinic	Zn
984	NEVPUA	446.07	6.03	0.29	1.66	0.13	other	Cu
985	UCEXIK	820.36	6.33	0.52	1.46	0.24	triclinic	Ho
986	IPIDUH	487.80	4.90	0.40	1.57	0.13	orthorhombic	Ag
987	LIXWAR01	894.01	5.35	0.52	1.07	0.25	triclinic	Mn
988	ILIFOY	370.06	5.50	0.31	1.78	0.14	other	La
989	OBUFEX	1069.08	5.01	0.46	1.10	0.28	other	Zn

990	EFOTID	550.65	4.83	0.54	3.01	0.11	orthorhombic	Mn, Re, Te
991	CADQOP	1763.33	6.62	0.65	1.10	0.47	triclinic	Ce
992	QUSCAJ	775.01	5.55	0.44	1.17	0.22	other	Cd, Li
993	OKIVIO	456.59	4.83	0.33	1.32	0.12	tetragonal	Cd
994	DIXKOL	797.88	6.93	0.48	1.41	0.26	triclinic	Co
995	MUJRIT	700.04	5.83	0.38	1.31	0.18	monoclinic	Cd
996	FULQUZ	744.66	5.72	0.49	1.52	0.21	orthorhombic	La
997	SEHZUB	611.29	6.07	0.37	1.15	0.20	triclinic	Co
998	PEJFOA	221.29	4.40	0.45	2.21	0.06	orthorhombic	Ga
999	LAGWEX_clear	1001.77	6.32	0.56	1.38	0.29	triclinic	Cd
1000	PIZPOD	639.02	4.76	0.48	1.78	0.19	other	Lu
1001	NAYZUK	695.41	9.26	0.53	1.33	0.22	other	In
1002	MABKIK01	491.25	5.51	0.29	1.39	0.16	triclinic	Cu
1003	PAPXUB	157.85	3.82	0.20	1.41	0.07	triclinic	Cd
1004	YAZWOM	215.55	4.59	0.19	1.42	0.06	other	Cu
1005	WECJAR	344.99	4.85	0.26	1.46	0.09	triclinic	Zn
1006	WENDIE	469.66	5.25	0.42	1.41	0.17	triclinic	Zn
1007	VODQIP	1520.63	7.16	0.60	1.04	0.41	triclinic	Nd
1008	CIVTEH	812.06	5.25	0.44	1.06	0.21	triclinic	Cu
1009	ILIFUE	345.90	5.45	0.30	1.81	0.13	other	Ce
1010	TADYEE	1108.35	6.25	0.43	1.06	0.31	triclinic	Mo, Ni
1011	DAWBOU	517.22	4.97	0.36	1.40	0.19	orthorhombic	Ni
1012	ZASJAG	939.73	8.33	0.47	1.21	0.30	triclinic	Cd
1013	KEJHIQ	566.83	4.99	0.46	1.30	0.18	orthorhombic	Cd
1014	WIYZOU	1009.99	6.31	0.50	1.33	0.28	other	Co
1015	HUTZAX01	213.77	4.79	0.22	1.42	0.07	other	Zn
1016	BUWGEG	874.47	6.19	0.42	1.33	0.25	other	Cu
1017	YIWMIA	1284.47	6.62	0.51	1.28	0.39	orthorhombic	Cd
1018	TEDLUK	381.38	5.72	0.29	1.33	0.11	triclinic	Zn
1019	UWELIS	1786.28	5.90	0.67	0.95	0.47	other	Zn
1020	PEVPUD	3696.94	14.96	0.84	0.59	1.30	triclinic	Zn
1021	GAYGAQ	666.71	5.38	0.51	1.32	0.26	triclinic	Cu
1022	RETBEZ	471.96	5.59	0.33	1.36	0.12	orthorhombic	Zn
1023	XISVUR	895.94	4.77	0.54	1.17	0.20	orthorhombic	Zn
1024	REZVAU	950.80	5.00	0.48	1.10	0.24	other	Co
1025	PACZUQ	412.65	6.94	0.28	1.54	0.11	triclinic	Pr
1026	LAGNEO	1519.73	5.11	0.57	1.05	0.43	triclinic	Y
1027	MODNOI	379.33	4.53	0.29	1.60	0.09	orthorhombic	Cd
1028	OFEHAK	1044.43	6.57	0.50	1.26	0.26	triclinic	Cd
1029	ZIF-77	405.63	5.05	0.32	1.55	0.12	other	Zn
1030	CUVXAT	1349.06	6.40	0.51	1.06	0.33	triclinic	Mn
1031	MULQOA	1436.54	5.70	0.58	1.29	0.38	other	Zn
1032	TEQPAI	890.95	5.78	0.53	1.19	0.23	orthorhombic	Zn
1033	LESWAI	660.72	5.45	0.43	1.42	0.19	triclinic	La
1034	LADHEF	1181.70	6.53	0.56	1.16	0.34	triclinic	Zn

1035	OFESAU	374.55	7.19	0.32	1.92	0.12	other	Cu, Gd
1036	GEDSEP	504.37	4.77	0.44	1.39	0.14	triclinic	Nd
1037	SEFSOM	555.25	7.84	0.32	1.31	0.18	triclinic	Cd
1038	SERKEG	875.26	9.09	0.49	1.31	0.27	other	Y
1039	QURSEC	1103.16	6.49	0.50	1.11	0.32	other	Pd, Zn
1040	LUSHIR	788.62	5.54	0.44	1.23	0.24	triclinic	Mn
1041	HICVUM	932.52	5.45	0.54	1.39	0.27	triclinic	Cd
1042	VUDQOB	809.64	6.36	0.53	1.49	0.24	triclinic	Yb
1043	EYOQEP	902.97	6.74	0.48	1.15	0.24	orthorhombic	Cd
1044	GALCAZ	928.05	7.28	0.46	1.17	0.27	other	Zn
1045	REYPIW	1052.18	5.41	0.48	1.18	0.29	triclinic	Zn
1046	XOHLEM01	1072.21	5.30	0.59	1.34	0.31	other	Zn
1047	BEPVEZ	609.40	5.87	0.31	1.27	0.18	triclinic	Cu
1048	SATBEW	462.37	8.30	0.33	1.67	0.12	other	Cu, W
1049	HAWYUB	638.96	5.60	0.44	1.51	0.20	monoclinic	Cd
1050	PUWCUF	1144.54	5.64	0.58	1.21	0.27	orthorhombic	Zn
1051	KINKAV	209.14	4.09	0.19	1.21	0.07	monoclinic	Zn
1052	ISUCUV	892.19	5.40	0.53	1.07	0.24	triclinic	Fe
1053	RAHBUZ	1498.47	6.52	0.61	1.14	0.43	orthorhombic	Zn
1054	TUTHOG	1287.52	8.03	0.59	1.04	0.40	triclinic	Mn
1055	QITYOI	707.75	5.09	0.41	1.38	0.21	triclinic	Pr
1056	ECUDIR	211.50	5.06	0.27	2.64	0.06	other	U
1057	OKIXIQ01	485.49	4.99	0.38	1.21	0.12	tetragonal	Cd
1058	SUNJER	907.37	4.59	0.55	1.43	0.26	triclinic	Yb
1059	OXUPUT	515.41	9.85	0.50	1.93	0.18	other	U
1060	TARWAK	424.90	5.78	0.26	1.61	0.13	triclinic	Cu
1061	RAXYOF	404.37	4.80	0.23	1.30	0.12	triclinic	Mn
1062	HEGJUZ	987.64	6.73	0.48	1.09	0.26	monoclinic	Zn
1063	CEJBEA	420.00	7.33	0.26	1.58	0.12	triclinic	Dy
1064	KINFEU	903.73	7.64	0.58	1.46	0.27	triclinic	Tm
1065	JEDJUY	698.22	5.00	0.49	1.67	0.19	triclinic	Gd, K
1066	IBARUA	351.84	7.13	0.31	1.98	0.12	other	Cu, Er
1067	ZISYAD	763.04	6.03	0.48	1.29	0.25	triclinic	Cu
1068	LUSJAL	384.57	4.33	0.30	1.37	0.13	triclinic	Mn
1069	KIDVIE	738.67	6.09	0.45	1.59	0.24	triclinic	La
1070	MIFGEP	1284.44	5.85	0.56	1.02	0.34	other	Cd
1071	KOFPEB02	431.50	7.34	0.32	1.77	0.14	other	Cu, La
1072	FAFDEX	356.21	4.86	0.35	1.41	0.14	triclinic	K, Mn
1073	FIJDIM02	844.91	5.51	0.51	1.24	0.25	triclinic	Mn
1074	CIGDUT	83.47	4.90	0.38	1.74	0.02	triclinic	Dy
1075	WEMNAF	395.62	4.39	0.37	1.42	0.10	triclinic	Zn
1076	KOJCUI	296.83	5.40	0.21	1.52	0.08	orthorhombic	Mn
1077	NOHFOG	736.98	5.27	0.49	1.67	0.20	other	Er
1078	DEJRUH	937.59	4.77	0.49	1.03	0.27	other	B, Co
1079	EFOTAV	1078.06	5.19	0.57	2.19	0.23	orthorhombic	Mn, Re



1080	UKUBIM	1038.00	7.25	0.52	1.09	0.29	tetragonal	Cd
1081	BUWGAC	526.24	5.84	0.30	1.44	0.17	other	Cu
1082	OHAKEO	891.95	5.67	0.49	1.15	0.25	orthorhombic	Cd
1083	XEXLOD	1023.76	6.86	0.50	1.18	0.31	other	Zn
1084	WEMDID	1301.94	5.01	0.55	1.50	0.34	monoclinic	Nd
1085	OKIWEL	449.43	4.78	0.32	1.32	0.12	tetragonal	Cd
1086	IZUMUM	794.24	5.58	0.38	1.29	0.22	triclinic	Cu
1087	PIHWAG	1020.11	8.34	0.52	1.27	0.32	triclinic	La
1088	HOWPOZ	1073.38	6.76	0.55	1.28	0.31	orthorhombic	Cd
1089	IJASAO	746.82	5.83	0.44	1.22	0.21	triclinic	Er
1090	UWOWAF	817.58	5.37	0.49	1.16	0.24	triclinic	Mn
1091	KOFPEB03	426.65	7.32	0.32	1.77	0.14	other	Cu, La
1092	PAVLUU	464.90	4.65	0.46	1.35	0.19	tetragonal	Ag
1093	FALVOF	1057.68	6.64	0.49	1.39	0.26	other	Cu, Pr
1094	CEHPIP	296.36	4.99	0.29	1.36	0.11	triclinic	Cu
1095	ICOWON	918.20	5.84	0.49	1.26	0.30	triclinic	La
1096	TARVUD	444.74	5.50	0.28	1.58	0.13	triclinic	Ni
1097	MIHLEV	457.40	5.49	0.32	1.38	0.14	triclinic	Pr
1098	GIQXIO	517.67	4.61	0.48	1.81	0.19	triclinic	Dy, Ru
1099	SADLEQ	920.26	6.91	0.61	1.51	0.30	tetragonal	Nd
1100	PUQXUV	119.19	5.34	0.28	1.50	0.04	other	Zn
1101	FAGREM	879.86	7.03	0.52	1.47	0.26	orthorhombic	Zn
1102	VIDXOX	705.36	6.14	0.47	1.69	0.20	triclinic	Er
1103	MULXOH	1129.66	5.19	0.51	1.21	0.32	other	La
1104	BURJOO	470.19	5.25	0.28	1.37	0.13	triclinic	Co
1105	TEWFUY	445.75	4.72	0.38	1.20	0.14	triclinic	Cu
1106	ESEVIH	755.60	6.83	0.51	1.52	0.24	other	Zn
1107	GIQYAH	468.78	4.52	0.48	1.85	0.17	triclinic	Ho, Ru
1108	RAZGOQ	360.50	5.17	0.32	1.62	0.10	triclinic	Cu
1109	XEQRAO	480.21	5.22	0.28	1.37	0.15	triclinic	Cd
1110	HIFGOU	520.49	6.06	0.39	1.10	0.17	triclinic	Zn
1111	FUNBAS	931.39	6.41	0.46	1.11	0.25	other	Zn
1112	OHOLIH	927.04	5.59	0.50	1.27	0.27	other	Zn
1113	EYOPUE	499.02	6.58	0.41	1.20	0.15	other	Cd
1114	VUQKUO	462.10	5.42	0.31	1.30	0.11	other	Cd
1115	EBEXAM	918.30	6.91	0.60	1.51	0.30	tetragonal	Gd
1116	ATIBIO	400.87	4.91	0.27	1.60	0.16	other	Mn
1117	UKUBOS	1059.05	7.21	0.52	1.02	0.32	tetragonal	Mn
1118	QETCUO	1149.41	6.73	0.54	1.23	0.33	triclinic	Gd
1119	GIQYEL	608.41	4.76	0.47	1.69	0.21	triclinic	La, Ru
1120	REGJIW02	117.81	4.03	0.27	2.20	0.09	triclinic	Co
1121	UKUPUL	876.79	7.37	0.56	1.43	0.25	tetragonal	Si, V
1122	EYUWAW_cle	1205.29	5.89	0.51	1.02	0.30	orthorhombic	Mn
1123	WOCWAN	584.14	5.81	0.32	1.37	0.18	triclinic	Cu
1124	ELIKUG	520.71	5.00	0.42	1.58	0.15	triclinic	Gd

1125	DEPXIG	978.67	5.32	0.51	1.21	0.26	other	Mn
1126	TETZID	452.51	5.12	0.33	1.35	0.11	monoclinic	Cd
1127	MIHMAS	362.24	5.78	0.36	1.40	0.10	triclinic	Cu, Dy
1128	GIQXEK	577.19	4.73	0.47	1.71	0.20	triclinic	Ce, Ru
1129	REFJET	680.39	6.12	0.44	1.48	0.20	triclinic	In, K
1130	PUQYAC	118.13	5.33	0.28	1.50	0.03	other	Zn
1131	XUMTUV	1380.25	5.40	0.60	1.25	0.37	triclinic	Ho
1132	KUNWEW	359.48	5.20	0.26	1.47	0.11	triclinic	Zn
1133	PAKXIK	901.16	5.42	0.48	1.25	0.25	triclinic	Cd
1134	KAVGAQ	1065.58	5.30	0.47	1.16	0.29	triclinic	Co
1135	GIQYIP	581.71	4.65	0.49	1.74	0.20	triclinic	Nd, Ru
1136	IXISAJ	591.51	5.71	0.48	1.67	0.19	triclinic	Cu
1137	BEZSIK	1010.40	5.28	0.61	1.76	0.26	other	Bi
1138	PEGCEL	333.10	4.80	0.29	1.37	0.12	monoclinic	Zn
1139	SEHSOO	1349.74	5.44	0.64	1.36	0.36	other	Ho
1140	RACZEC	463.31	5.26	0.32	1.52	0.17	orthorhombic	Co
1141	XEHSUZ	395.14	4.86	0.29	1.39	0.16	other	Mg
1142	ABEYIR	259.02	4.67	0.33	1.97	0.09	orthorhombic	Gd
1143	BEPVID	483.55	5.48	0.29	1.31	0.16	triclinic	Cu
1144	EKOPOK	870.99	8.04	0.54	1.24	0.29	triclinic	Ca, Cd
1145	CUVGOQ	1348.01	5.51	0.57	1.00	0.38	triclinic	Mn
1146	SOWYOS	1333.95	5.48	0.39	0.86	0.37	other	Rb, Si
1147	MATTUX	1165.69	6.08	0.55	1.07	0.32	triclinic	Zn
1148	OKIXIQ	480.58	5.30	0.38	1.20	0.11	tetragonal	Cd
1149	NADZEZ	350.65	4.49	0.40	1.63	0.13	triclinic	Y
1150	MAZSUD	1068.61	5.40	0.54	1.16	0.36	triclinic	Zn
1151	SATCEX	441.28	7.16	0.32	1.60	0.11	other	Cu, W
1152	ILIGEP	321.97	5.39	0.31	1.86	0.13	other	Nd
1153	VUQKOI	676.37	6.54	0.35	1.36	0.19	triclinic	Cd
1154	ALUJIB	781.95	6.01	0.48	1.43	0.20	triclinic	Ce
1155	YIWLOF	1391.86	6.80	0.52	1.24	0.45	triclinic	Cd
1156	UBIPAY	671.19	4.50	0.39	1.21	0.19	triclinic	Mn
1157	ZEZPUR	1085.39	6.75	0.54	1.26	0.33	triclinic	Dy
1158	BAHMAZ	268.59	5.07	0.34	1.45	0.08	other	Ag
1159	IKETOI	766.63	5.24	0.48	1.66	0.23	triclinic	Gd
1160	LAGNUE	755.10	5.28	0.49	1.30	0.23	other	Y
1161	XUNHAQ	832.20	4.23	0.42	1.01	0.28	other	Li
1162	QATHOK	889.76	9.30	0.44	1.22	0.27	triclinic	Cd
1163	XINHOT	361.03	5.47	0.29	1.54	0.12	triclinic	La
1164	ELILAN	479.03	4.98	0.42	1.61	0.15	triclinic	Dy
1165	REJLEY	1042.47	5.22	0.47	1.17	0.28	triclinic	Co
1166	YUVSUE	877.13	5.77	0.40	1.23	0.20	tetragonal	Co
1167	KULRIT	947.33	5.77	0.58	1.47	0.28	other	Yb
1168	ABIYIV	267.70	4.38	0.20	1.35	0.08	orthorhombic	Co
1169	OLUCAZ	700.10	5.88	0.33	1.16	0.20	orthorhombic	Cu

1170	GIMSIG	927.44	8.87	0.56	1.45	0.30	triclinic	Cd
1171	UKUCAF	1000.77	7.21	0.52	1.06	0.29	tetragonal	Co
1172	ICORAV	387.32	4.68	0.32	1.76	0.13	other	La
1173	XEGKIF	277.94	5.08	0.40	1.33	0.07	triclinic	Gd
1174	SODZIV	769.33	6.33	0.39	1.27	0.19	orthorhombic	Cd
1175	AMAFOK	530.51	6.58	0.37	1.49	0.17	triclinic	Cu
1176	DAWBUA	597.21	5.76	0.38	1.34	0.19	orthorhombic	Co
1177	PAPRUU	382.37	7.39	0.30	1.81	0.13	other	La, Ni
1178	PEFRID01	840.20	6.56	0.53	1.32	0.22	other	Sm
1179	COWMIL	1515.55	6.88	0.63	1.24	0.43	monoclinic	Ho
1180	QEBGAH	901.23	5.67	0.47	1.08	0.25	other	Co
1181	GAXQIH	445.05	5.17	0.27	1.37	0.12	triclinic	Ni
1182	AJAYIT	351.46	7.13	0.31	1.98	0.11	other	Cu, Er
1183	CETFUD	604.68	4.79	0.39	1.43	0.18	triclinic	Pr
1184	HICVOG	672.42	4.78	0.52	1.26	0.22	tetragonal	Zn
1185	OPIPOT	374.36	4.83	0.31	1.41	0.11	other	Co
1186	HEXNII	269.94	4.91	0.27	1.57	0.11	triclinic	Cd
1187	ASACON	462.03	5.98	0.36	1.78	0.14	orthorhombic	Zn
1188	YEMJAC	863.29	6.61	0.60	1.59	0.28	tetragonal	Dy
1189	ITIWUE	463.64	5.13	0.38	1.21	0.13	tetragonal	Cd
1190	CAYBAH01	298.21	5.46	0.26	1.50	0.08	cubic	Cu
1191	FIJDIM04	863.03	5.53	0.51	1.23	0.26	triclinic	Mn
1192	DUXMAL	668.53	4.49	0.49	1.16	0.14	orthorhombic	Mn
1193	ALIXUP	805.59	5.95	0.37	1.34	0.21	orthorhombic	Cu
1194	PEFRUP01	898.64	6.72	0.53	1.32	0.23	other	Gd
1195	AVIMOI	697.09	5.22	0.45	1.23	0.21	other	Zn
1196	LAWGOG	3740.58	15.11	0.83	0.59	1.27	triclinic	Zn
1197	HIHJUF	395.40	5.82	0.37	1.48	0.13	other	Zn
1198	QUPHUF	359.71	4.96	0.28	1.28	0.11	triclinic	Zn
1199	HAMRIY	354.89	7.13	0.32	1.97	0.12	other	Cu, Ho
1200	ABEXOW	334.94	4.69	0.35	1.81	0.10	orthorhombic	Pr
1201	FATLUJ	764.61	5.51	0.36	1.21	0.21	triclinic	Cu
1202	OKIYAJ	402.24	4.63	0.29	1.34	0.10	tetragonal	Cd
1203	LIXWAR	896.59	5.40	0.53	1.06	0.26	triclinic	Mn
1204	OVIZID	502.01	5.41	0.35	1.26	0.17	other	Ni
1205	OVICUS	450.72	5.92	0.35	1.53	0.14	triclinic	Zn
1206	TEJLOL	1263.37	6.49	0.55	1.26	0.33	other	Cd
1207	CAYDOX06	388.77	4.86	0.24	1.47	0.11	other	Cu
1208	OCACUR	1102.48	5.39	0.61	1.25	0.35	triclinic	Co
1209	JITPOS	585.09	5.87	0.36	1.44	0.14	orthorhombic	Zn
1210	KEJBOQ	544.47	4.93	0.45	1.31	0.17	orthorhombic	Cd
1211	DEPXAY	1405.42	5.18	0.61	1.07	0.31	orthorhombic	Zn
1212	LETROT	446.84	5.01	0.39	1.67	0.16	triclinic	Zn
1213	EPEWAY01	744.91	5.72	0.40	1.28	0.21	tetragonal	Co
1214	RUCGOM	204.15	4.31	0.31	2.16	0.06	other	Au, Pt, Zn

1215	SIQQEO	1469.49	4.99	0.51	1.02	0.41	triclinic	Sr
1216	ABEYAJ	298.95	4.70	0.34	1.91	0.09	orthorhombic	Sm
1217	LAGNAK	1549.10	5.44	0.57	1.02	0.43	triclinic	Y
1218	SATCAT	461.75	8.12	0.34	1.75	0.12	other	Cu, W
1219	FUWXOL	617.57	4.68	0.48	1.49	0.20	orthorhombic	Zn
1220	RACZIG	461.49	5.27	0.33	1.54	0.16	orthorhombic	Zn
1221	WOJJOV	654.46	7.81	0.51	1.16	0.20	other	Al
1222	YEZFIU	1125.51	7.76	0.47	1.16	0.31	triclinic	Zn
1223	QOCBEQ	1193.93	7.46	0.50	0.97	0.31	other	Ni
1224	COXXIX	390.74	4.83	0.32	1.44	0.11	monoclinic	Mn, Mo
1225	PIJROR	994.37	8.34	0.52	1.28	0.30	triclinic	Ce
1226	BEXTUV	621.12	4.66	0.48	1.31	0.16	triclinic	Mn
1227	OKIYIR03	432.80	4.65	0.31	1.33	0.10	tetragonal	Cd
1228	KINHAS	338.63	4.56	0.27	1.30	0.11	other	Zn
1229	EVURAP	474.25	5.08	0.41	1.50	0.16	triclinic	Ce
1230	QEDZEG	278.62	4.82	0.40	1.27	0.08	other	Zn
1231	UNIGEE	3594.06	14.93	0.83	0.61	1.23	triclinic	Zn
1232	QATPUX	181.91	4.16	0.31	2.19	0.11	triclinic	Co
1233	AJAYIT	530.84	7.13	0.34	1.44	0.17	triclinic	Cu
1234	YUKBIP01	343.99	5.80	0.24	1.54	0.11	other	Al
1235	KUDLUR	372.07	7.15	0.31	1.95	0.12	other	Cu, Dy
1236	MIBQAR	3709.23	15.11	0.83	0.59	1.28	triclinic	Zn
1237	PEVQOY	3583.53	14.81	0.83	0.61	1.21	rhombohedral	Zn
1238	ALUJOH	817.98	6.09	0.50	1.42	0.20	triclinic	Nd
1239	CAYDIR	339.79	4.79	0.23	1.50	0.11	other	Cu
1240	LUMDEC	889.80	7.82	0.41	1.29	0.25	triclinic	Cd
1241	GIYTAK	1714.14	5.41	0.61	1.11	0.44	triclinic	Cd
1242	FIJDIM06	887.50	5.55	0.51	1.23	0.27	triclinic	Mn
1243	CAYGIU	357.86	4.84	0.24	1.49	0.11	other	Cu
1244	AGARUW	635.61	6.50	0.45	1.77	0.19	orthorhombic	La
1245	XUMVAD	1376.97	5.40	0.59	1.24	0.36	triclinic	Dy
1246	XOVPON	896.35	5.78	0.49	1.29	0.28	triclinic	Ce
1247	ELIJOZ	604.72	5.07	0.42	1.48	0.18	triclinic	Ce
1248	WEMXIX	294.13	6.24	0.24	1.51	0.08	other	Cu
1249	GIQYOV	675.39	4.31	0.43	1.69	0.20	triclinic	Pr, Ru
1250	PASNA01	602.43	4.61	0.45	1.46	0.16	other	Co
1251	OCAQOY	203.40	4.48	0.23	1.61	0.05	triclinic	Ni, V
1252	FIJDIM11	841.39	5.51	0.50	1.23	0.26	triclinic	Mn
1253	LAWGEW	3728.23	15.09	0.83	0.59	1.27	triclinic	Zn
1254	KAYBUJ	966.47	5.47	0.56	1.19	0.30	other	Ca
1255	XIHSEN	912.73	5.41	0.54	1.09	0.26	triclinic	Co
1256	SAHYOQ03	3688.14	15.09	0.82	0.59	1.25	triclinic	Zn
1257	PIHJOH	335.61	5.31	0.24	1.26	0.12	triclinic	Mn
1258	JIVHIG	655.96	5.93	0.32	1.00	0.17	monoclinic	K
1259	FATKAO	282.69	4.22	0.31	1.95	0.09	monoclinic	Gd

1260	CAVSUP	645.18	5.94	0.35	1.38	0.19	other	La
1261	GAYFUJ	1149.86	5.51	0.63	1.30	0.34	other	Cd
1262	GIQXUA	533.04	4.61	0.48	1.79	0.19	triclinic	Gd, Ru
1263	NIJZOV	651.00	8.64	0.37	1.54	0.20	other	Cu, Er
1264	XEHSEJ	484.18	4.93	0.31	1.33	0.20	other	Mg
1265	ANENEN	526.09	6.10	0.32	1.32	0.15	triclinic	La
1266	DEGIK	224.17	4.07	0.28	1.59	0.12	other	Cu
1267	GIQXOU	466.25	4.53	0.48	1.86	0.17	triclinic	Er, Ru
1268	ACUBAB	428.18	6.48	0.37	2.31	0.13	other	Zn
1269	FIJDIM03	850.59	5.51	0.51	1.24	0.26	triclinic	Mn
1270	UKUBUY	1044.12	7.25	0.52	1.03	0.30	tetragonal	Fe
1271	PASTOU	408.88	6.35	0.30	1.59	0.13	triclinic	Cd
1272	IBITUK	585.95	4.93	0.33	1.18	0.18	triclinic	Cu
1273	SAHYOQ04	3721.00	15.11	0.82	0.59	1.26	triclinic	Zn
1274	TIRRIW	1135.32	5.38	0.54	1.07	0.31	triclinic	Co
1275	PEVQEO	3587.12	14.87	0.84	0.61	1.23	triclinic	Zn
1276	PIXHOV	743.05	4.85	0.40	1.13	0.21	other	Zn
1277	XIHSEN01	870.08	5.41	0.53	1.08	0.25	triclinic	Co
1278	QUDJOP	1432.30	5.72	0.60	1.06	0.41	other	Zn
1279	MADWAQ	329.62	5.47	0.24	1.52	0.11	orthorhombic	Cu
1280	QUTTII	877.48	5.87	0.52	1.54	0.24	other	Co
1281	JUTCUW	2256.28	6.94	0.65	1.06	0.65	triclinic	Cd
1282	JIVFUQ	1271.91	6.41	0.58	1.15	0.37	triclinic	Zn
1283	WIFBAQ	589.24	6.35	0.36	1.27	0.16	triclinic	Cd
1284	CEDFIC	1368.70	5.28	0.59	1.21	0.37	triclinic	Gd
1285	ESEQUO	673.65	5.34	0.44	1.17	0.22	triclinic	Co
1286	GEDSOZ	1848.62	5.84	0.65	1.11	0.44	triclinic	Nd
1287	BEPVOJ01	462.94	5.40	0.27	1.33	0.14	triclinic	Cu
1288	YICREI	673.18	5.77	0.58	1.84	0.20	other	Pb
1289	UKAQIH	1236.50	7.01	0.60	1.17	0.37	triclinic	Gd
1290	QIRYAS	765.10	6.70	0.47	1.44	0.25	triclinic	Co
1291	REGJIW	134.86	4.10	0.29	2.19	0.10	triclinic	Co
1292	OKIVIO02	448.30	4.79	0.32	1.33	0.12	tetragonal	Cd
1293	MADVUJ	309.90	5.27	0.25	1.66	0.10	orthorhombic	Cu
1294	ZARZAV	518.33	5.15	0.36	1.32	0.16	monoclinic	Zn
1295	KESGAS	810.25	5.36	0.40	1.13	0.24	other	Mn
1296	SUNJOB01	963.79	4.69	0.54	1.37	0.29	triclinic	Ho
1297	VUSKAW	3676.53	14.98	0.83	0.59	1.26	triclinic	Zn
1298	YIWLEV	1448.14	6.84	0.53	1.22	0.47	triclinic	Cd
1299	XUNGUJ	751.11	4.32	0.41	1.04	0.27	other	Li
1300	ITIWoy	472.22	5.41	0.37	1.22	0.12	tetragonal	Cd
1301	EBEWIT	895.17	6.77	0.60	1.55	0.29	tetragonal	Gd
1302	WOHSIV	134.32	4.98	0.13	1.45	0.05	orthorhombic	Cu, Na
1303	QEVKOS	264.80	4.71	0.28	1.87	0.09	triclinic	Cu, W
1304	KOJZAL	678.33	5.25	0.43	1.13	0.21	triclinic	Cu

1305	PUMNIV	691.71	5.60	0.45	1.67	0.20	monoclinic	Cd, Hg
1306	VUSJUP	4107.43	14.82	0.83	0.52	1.55	triclinic	Zn
1307	REDYEG	516.74	6.00	0.36	1.72	0.17	triclinic	Zn
1308	WENKEH	287.74	7.48	0.24	1.50	0.09	triclinic	Pr
1309	TEQTAM	819.92	7.32	0.44	1.26	0.24	other	Cd
1310	VEQBID	798.59	6.36	0.39	1.46	0.19	other	Ni
1311	GUPBEZ	144.88	7.29	0.20	2.54	0.05	other	Cu
1312	KAYCIY	1741.72	5.93	0.63	0.98	0.47	triclinic	Ca
1313	METYIU	845.63	7.46	0.40	1.31	0.23	triclinic	Cd
1314	OKITIM01	446.46	4.83	0.32	1.33	0.12	tetragonal	Cd
1315	PASNAA	646.58	4.69	0.46	1.45	0.17	other	Co
1316	TESHAB	362.31	5.02	0.30	1.81	0.14	other	Zn
1317	MAPFIS	1102.49	5.68	0.50	1.07	0.31	other	Ti
1318	JILXOS	208.44	4.09	0.21	1.57	0.06	orthorhombic	Cu
1319	OKIYIR	434.37	4.66	0.31	1.33	0.10	tetragonal	Cd
1320	WABTOK	518.48	4.77	0.37	1.78	0.18	triclinic	Cd
1321	MOTMAK	1160.64	5.53	0.56	1.00	0.37	other	Li
1322	WUNVIL	447.81	4.64	0.36	1.22	0.11	tetragonal	Cd
1323	YARKEJ	455.58	5.25	0.33	1.22	0.15	triclinic	Zn
1324	EYOQAL	504.97	6.17	0.42	1.14	0.16	other	Co
1325	OSIXIY	103.36	4.67	0.17	1.99	0.04	other	Ag
1326	LAWGUM	3741.52	15.11	0.83	0.59	1.27	triclinic	Zn
1327	CUTKOS	543.72	5.52	0.38	1.19	0.16	other	Zn
1328	REGJIW01	155.08	4.08	0.29	2.20	0.09	triclinic	Co
1329	OFODET	1011.55	6.10	0.47	1.15	0.27	other	Mn
1330	WENLAE	330.40	7.22	0.27	1.59	0.11	triclinic	Dy
1331	IVEGEV	490.71	5.57	0.31	1.36	0.15	triclinic	Cu
1332	NEVQAH	402.90	5.98	0.29	1.82	0.11	other	Cu
1333	UCEXEG	811.00	6.32	0.52	1.46	0.24	triclinic	Dy
1334	CAZGIT	199.10	4.75	0.25	1.75	0.07	monoclinic	Cu, Mo
1335	IXISOX	472.00	5.57	0.46	1.93	0.15	triclinic	Cu
1336	OSIWOD01	129.43	4.73	0.18	1.98	0.06	other	Ag
1337	MIBQAR18	3674.05	15.01	0.84	0.60	1.27	triclinic	Zn
1338	GUYLUI01	236.01	4.54	0.22	1.52	0.06	triclinic	Zn
1339	KESHAT	387.05	4.88	0.33	1.79	0.11	monoclinic	Pr
1340	GIYSIR	525.64	5.52	0.33	1.47	0.16	monoclinic	Cu, Mo
1341	KIPJIE	562.38	6.84	0.34	1.65	0.13	other	Ce
1342	RONZID	2305.86	6.46	0.63	1.11	0.61	tetragonal	Cd
1343	RESQAJ	235.86	5.28	0.22	1.52	0.08	triclinic	Cd
1344	PESTUD	199.88	4.62	0.28	1.52	0.09	orthorhombic	Ni
1345	EBEMOO	238.14	4.88	0.23	1.59	0.08	other	Cd
1346	LASWEJ	1435.53	7.36	0.56	1.05	0.39	triclinic	Co
1347	EWESIJ	465.36	8.41	0.34	1.73	0.12	other	Cu, W
1348	SAHYIL	443.69	4.71	0.36	1.21	0.11	tetragonal	Cd
1349	BEYSEF	1025.69	5.62	0.41	1.18	0.26	triclinic	Co

1350	ABEXUC	315.16	4.67	0.35	1.85	0.10	orthorhombic	Nd
1351	NEYBEZ	320.79	4.36	0.37	1.54	0.15	other	Co
1352	NUVWEH	634.95	6.18	0.35	1.50	0.17	triclinic	La
1353	OKITIM02	458.35	4.87	0.32	1.33	0.12	tetragonal	Cd
1354	GOJDOZ	224.00	4.72	0.42	2.79	0.06	triclinic	U
1355	HIFTOG01	3721.87	15.05	0.83	0.58	1.28	triclinic	Zn
1356	CEBDOD	295.29	5.95	0.31	2.40	0.09	triclinic	Ba
1357	OSIXEU	115.24	4.87	0.17	1.97	0.06	triclinic	Ag
1358	FUTZOK	509.33	4.62	0.43	1.64	0.16	triclinic	Gd
1359	OPIWEQ	193.17	4.31	0.28	1.50	0.10	orthorhombic	Co
1360	EDUSIF	3634.99	15.07	0.83	0.59	1.27	triclinic	Zn
1361	UGUGUZ	258.90	4.77	0.43	1.80	0.07	other	Yb
1362	DEQVIF	1088.12	6.43	0.49	1.10	0.30	other	Mn
1363	IKETEV	792.14	5.50	0.48	1.62	0.24	triclinic	Sm
1364	SUNJOB	965.63	4.68	0.53	1.38	0.28	triclinic	Ho
1365	HEBJAB	455.02	4.49	0.23	1.19	0.12	triclinic	Co
1366	LEVNOQ01	988.75	5.71	0.53	0.98	0.29	triclinic	Mg
1367	NARTIL	368.47	4.56	0.33	1.15	0.14	triclinic	Co
1368	ECEZAO	591.74	4.79	0.41	1.43	0.18	triclinic	Ni
1369	KIPZEQ	621.42	4.76	0.40	1.27	0.19	triclinic	Co
1370	NICJOA	128.00	5.24	0.14	2.06	0.04	triclinic	Ba, Cu
1371	JIYXUL	377.03	6.30	0.37	2.75	0.10	triclinic	Fe, Na, Sb, W
1372	CADPII	107.88	5.85	0.13	2.04	0.04	triclinic	Zn
1373	PIYZAZ	2343.46	7.01	0.65	1.04	0.67	triclinic	Cd
1374	PEPKUR	218.76	4.64	0.29	1.51	0.09	orthorhombic	Ni
1375	BUVYEX	559.19	7.01	0.28	1.21	0.15	triclinic	Fe
1376	OWETIU	243.40	6.91	0.33	3.32	0.06	triclinic	Ag, W
1377	WUNTAB	419.00	5.05	0.35	1.21	0.10	tetragonal	Cd
1378	KIPKEB	322.70	7.32	0.24	1.56	0.10	triclinic	Y
1379	LOWPUI	787.71	5.82	0.51	1.29	0.28	triclinic	Zn
1380	XILDUT	890.92	5.19	0.41	1.33	0.23	triclinic	Na, Zn
1381	VEDVUW	639.42	5.24	0.42	1.28	0.21	triclinic	Ag
1382	OJIWIO	423.69	5.03	0.31	1.33	0.10	other	Zn
1383	VAHPUR	594.83	5.91	0.34	1.30	0.15	triclinic	Cu, Dy
1384	YAZFOW	1133.68	7.40	0.71	1.31	0.35	triclinic	In
1385	RIFQUT	492.09	5.62	0.38	1.93	0.12	triclinic	Co
1386	ODOXEK	109.89	5.59	0.28	1.87	0.04	other	Cd
1387	LUFNEG	1001.10	4.86	0.52	1.17	0.23	monoclinic	Mn
1388	UXABUR	229.63	5.25	0.12	1.46	0.07	triclinic	Y
1389	KAVTUY	244.95	5.15	0.22	2.07	0.08	other	Cu
1390	GIRDUI	215.21	4.32	0.23	1.33	0.08	other	Co
1391	GUXPOF	663.33	5.82	0.29	1.20	0.18	triclinic	Co
1392	OFORUX	284.59	6.11	0.23	1.56	0.09	triclinic	Cd, Cu
1393	PEVQAK	3659.56	14.87	0.83	0.60	1.27	triclinic	Zn
1394	RONCIG	712.54	9.10	0.40	1.45	0.22	other	Cu, Gd

1395	BARZUR	1330.85	5.49	0.60	0.93	0.37	other	Zn
1396	JUCXEK	492.17	7.07	0.44	2.58	0.15	other	Np
1397	KIPKAX	268.20	7.38	0.24	1.86	0.08	triclinic	Yb
1398	BEPVOJ	426.73	4.63	0.25	1.35	0.13	triclinic	Cu
1399	XADGAM	340.36	4.91	0.38	1.20	0.11	monoclinic	Zn
1400	MIMVEJ	467.59	4.59	0.47	1.30	0.20	triclinic	Zn
1401	MASZUD	610.21	6.35	0.41	1.47	0.17	triclinic	Cu, Mo
1402	CAYDEN	335.26	4.73	0.23	1.51	0.11	other	Cu
1403	IRMOF-1	3646.11	15.07	0.83	0.59	1.27	rhombohedral	Zn
1404	OSIWUJ	153.10	4.87	0.18	1.96	0.06	triclinic	Ag
1405	TONBII	265.47	4.58	0.25	1.61	0.10	triclinic	Fe
1406	QUFTAM	375.17	4.93	0.36	1.57	0.13	triclinic	Cu, Na
1407	NOCKUM	1001.47	5.81	0.51	1.07	0.31	triclinic	Ca
1408	TIRLIQ	435.97	4.90	0.31	1.35	0.12	other	Zn
1409	XEDPIH	324.63	4.57	0.31	1.79	0.11	other	Zn
1410	VURYOX	715.07	6.69	0.34	1.34	0.22	other	Cu
1411	TEJGIA	314.00	4.29	0.31	1.88	0.09	monoclinic	Sm
1412	OKIVIO01	451.82	4.77	0.32	1.32	0.12	tetragonal	Cd
1413	TACPAP	325.43	6.29	0.25	1.71	0.10	other	Zn
1414	LELMIA01	749.14	5.77	0.51	1.48	0.23	other	Sr
1415	VIFBOD	591.51	5.76	0.48	1.76	0.19	triclinic	Tm
1416	EMIVAY	432.41	5.17	0.39	1.17	0.10	orthorhombic	Zn
1417	REFTON	382.80	6.43	0.26	1.61	0.11	orthorhombic	Cd, Zn
1418	OKIVAG01	457.42	4.81	0.32	1.31	0.12	tetragonal	Cd
1419	BORBEQ	896.90	6.04	0.43	1.10	0.25	orthorhombic	Na, Ni
1420	RUWXAJ	450.24	5.30	0.32	1.53	0.15	triclinic	La
1421	KAXQOR	168.06	4.23	0.23	1.55	0.06	other	Ca
1422	MIHLAR	443.57	5.60	0.24	1.34	0.11	other	La
1423	KIPJOK	581.78	7.03	0.35	1.64	0.14	other	Nd
1424	LUSHUD	659.24	5.03	0.40	1.27	0.21	triclinic	Mn
1425	XOJWEZ	409.01	5.54	0.29	1.41	0.16	triclinic	Cu
1426	IBUDOZ	419.56	4.57	0.34	1.49	0.17	other	Cu
1427	MEFYUT	1397.90	5.59	0.58	1.19	0.37	other	Zn
1428	NEVVEQ	272.88	4.23	0.36	1.57	0.13	other	Co
1429	QAQRUW01	1974.91	6.61	0.62	0.85	0.52	triclinic	Mg
1430	FIJDIM	844.35	5.54	0.50	1.25	0.26	triclinic	Mn
1431	YARSAN	485.06	4.70	0.36	1.29	0.11	orthorhombic	Zn
1432	CAYKEU	611.86	6.72	0.49	1.66	0.17	other	Pr
1433	ZnBDC	996.80	5.79	0.55	1.21	0.33	other	Zn
1434	FATKIW	314.23	5.07	0.32	1.89	0.10	monoclinic	Sm
1435	PIJJOI	611.74	6.26	0.35	1.09	0.18	orthorhombic	Zn
1436	TEJGIA01	313.45	4.23	0.31	1.88	0.10	monoclinic	Sm
1437	GEDQIR	2038.54	6.20	0.67	1.05	0.49	triclinic	Nd
1438	LUKRIS	222.46	5.42	0.18	1.39	0.06	other	Co
1439	LAGQOB	1053.85	4.68	0.54	1.33	0.30	triclinic	Gd



1440	KEYYET	613.34	4.88	0.53	2.73	0.13	cubic	Mn, Re, Se
1441	LEVNOQ	1152.32	5.86	0.55	0.95	0.32	triclinic	Mg
1442	QOKCID	160.70	4.26	0.17	1.71	0.06	triclinic	Zn
1443	MEJQOJ	305.55	4.90	0.43	1.21	0.12	orthorhombic	Zn
1444	DAXNOG	885.32	5.52	0.53	1.27	0.28	triclinic	Zn
1445	FOHCIP	499.27	4.83	0.40	1.88	0.17	orthorhombic	Cd, Hg
1446	OCIZIL	195.42	4.90	0.19	1.34	0.04	orthorhombic	Zn
1447	UMEXUF	820.70	5.84	0.53	1.62	0.24	other	Zn
1448	TARVOX	365.56	4.78	0.27	1.56	0.11	triclinic	Co
1449	CUMDOE	616.08	5.66	0.35	1.60	0.17	monoclinic	Nd
1450	FIPXEJ	99.24	4.20	0.29	1.36	0.02	other	Zn
1451	DUBWON	1225.90	5.20	0.58	1.27	0.35	other	Zn
1452	DOLXOR01	2134.31	6.56	0.56	1.08	0.58	triclinic	Cu
1453	QADBII	278.15	4.96	0.26	1.43	0.10	orthorhombic	Sn
1454	GUNFAW01	3504.13	9.61	0.74	0.66	1.12	cubic	Cr, Mn
1455	GEDRUE	1787.16	6.06	0.65	1.12	0.42	triclinic	Nd
1456	LABPOV	190.89	5.39	0.16	1.71	0.05	other	Nd
1457	DOLXOR02	2136.93	6.57	0.56	1.08	0.59	triclinic	Cu
1458	DOLXOR	2123.98	6.55	0.56	1.09	0.59	triclinic	Cu
1459	HOGSIG	671.54	5.41	0.37	1.20	0.23	triclinic	Ni
1460	LEGGIO	1109.85	5.37	0.53	1.17	0.27	other	Zn
1461	OKIWEL01	451.03	4.78	0.32	1.32	0.12	tetragonal	Cd
1462	RATSAI	497.99	5.47	0.45	1.77	0.15	orthorhombic	Dy
1463	QOMDUS	677.66	5.37	0.43	1.57	0.21	triclinic	Zn
1464	KAHNOX	2145.37	6.56	0.56	1.09	0.59	triclinic	Cu
1465	HAPVEB	339.48	4.39	0.42	2.77	0.09	orthorhombic	Nd, U
1466	CUVGIK	1207.04	5.52	0.56	1.03	0.39	triclinic	Mn
1467	PARMIG	376.67	4.71	0.48	1.33	0.17	other	Ni
1468	ROGLOP	607.52	5.33	0.36	1.25	0.22	triclinic	Ni
1469	PEDMOB	518.92	6.14	0.37	1.48	0.15	orthorhombic	Cu
1470	WODFOL	211.22	4.20	0.29	1.51	0.10	orthorhombic	Co
1471	RUWWUC	410.71	5.19	0.36	1.55	0.14	triclinic	La
1472	GEWXAJ	274.98	4.63	0.24	1.70	0.09	triclinic	Cu
1473	TOHZAS	1273.62	5.27	0.57	1.21	0.37	triclinic	Cd
1474	VIZRIH	239.83	5.97	0.19	1.59	0.06	orthorhombic	Zn
1475	GIYSOX	513.70	5.57	0.33	1.47	0.16	monoclinic	Cu, Mo
1476	EFOSUO	953.70	5.18	0.56	2.23	0.21	cubic	Mn, Re
1477	VUHJAK	168.42	4.34	0.26	1.92	0.06	other	Cu
1478	DEKHEH	1016.39	5.44	0.46	1.07	0.29	monoclinic	Mn
1479	RAZXIA	607.97	7.79	0.40	1.56	0.17	triclinic	Co, K
1480	EYULOA	467.36	5.05	0.34	1.27	0.13	orthorhombic	Co
1481	TANBOZ	2270.42	6.54	0.55	1.06	0.57	other	Cu
1482	ZAVPIX	1058.88	5.42	0.50	1.28	0.28	triclinic	Ce
1483	XUNGOD	381.96	4.96	0.44	1.03	0.16	triclinic	Li
1484	LUSHOX02	945.40	5.61	0.51	1.19	0.27	other	Mn

1485	IFEQAN	453.20	8.77	0.28	1.35	0.15	triclinic	Zn
1486	KINQAB	324.66	4.90	0.26	1.13	0.10	triclinic	Ni
1487	BAEDTA01	128.48	5.32	0.21	2.14	0.04	other	Ba
1488	HURGUX01	322.58	5.17	0.31	1.33	0.11	other	Ni
1489	IBUYAH	91.57	4.47	0.12	1.49	0.02	other	Zn
1490	HIZQEN	563.17	4.99	0.46	1.50	0.19	triclinic	Cd
1491	MAKXAZ	614.33	4.93	0.35	1.27	0.17	triclinic	Zn
1492	QIGBIR	797.99	5.10	0.55	2.31	0.18	orthorhombic	Mn, Re
1493	KEGYAX	70.60	3.74	0.21	2.50	0.03	triclinic	Ag
1494	ZEXKUK	1014.73	5.44	0.46	1.10	0.29	monoclinic	Co
1495	TONBOO	274.79	4.20	0.29	1.34	0.10	other	Co
1496	TEBSAW	665.35	5.32	0.42	1.23	0.24	other	Zn
1497	XIHRIQ	481.56	5.03	0.39	1.11	0.16	triclinic	Co
1498	MIHLOF	405.17	5.27	0.24	1.36	0.11	triclinic	Sm
1499	MEKDUC	343.61	4.66	0.36	1.45	0.12	other	Cd
1500	MABKEG	305.49	5.10	0.22	1.48	0.11	triclinic	Cu
1501	GUYLUI	198.13	4.49	0.22	1.54	0.08	triclinic	Zn
1502	PAQFIY	242.53	5.20	0.28	1.63	0.06	orthorhombic	Cd
1503	YUSGID	275.03	4.50	0.26	1.45	0.09	triclinic	Zn
1504	FEWGUL	306.57	4.32	0.26	1.64	0.05	monoclinic	La
1505	VEHPUU	728.79	6.38	0.34	1.30	0.22	other	Cu
1506	HURGUX	322.63	5.19	0.31	1.33	0.13	other	Ni
1507	RESSAK	574.17	5.00	0.37	1.18	0.20	triclinic	Ni
1508	YAYLER	187.28	4.81	0.33	3.91	0.05	triclinic	Ba, U
1509	NACVUI	615.06	4.52	0.40	1.16	0.26	other	Cu
1510	TEPGUS	496.09	4.85	0.39	1.29	0.18	orthorhombic	Zn
1511	HIWKEE	440.16	5.34	0.36	1.18	0.12	triclinic	Mn, Nb
1512	KATDAM	224.28	6.29	0.15	1.41	0.06	other	Cd
1513	BAWRUO	466.52	7.30	0.53	2.72	0.14	triclinic	U
1514	UDICAN	123.53	4.41	0.36	3.60	0.03	other	Bi
1515	CEYPUT	605.05	5.14	0.46	1.21	0.24	other	Co
1516	NOFHUM	276.94	4.15	0.40	1.17	0.10	orthorhombic	Zn
1517	RIPNIP	728.72	5.36	0.41	1.55	0.19	monoclinic	Zn
1518	LIDZOP	243.89	4.91	0.29	1.65	0.10	other	Sr
1519	GIYSEN	547.89	5.55	0.34	1.45	0.17	monoclinic	Cu, Mo
DUT-67	DUT-67g	1791.89	17.05	0.66	0.99	0.27	cubic	Zr
NU1000	NU1000	3159.34	29.72	0.84	0.47	1.10	other	Zr
NU100	NU100g	5747.30	28.78	0.92	0.28	2.25	cubic	Cu
NU110	NU110g	6025.48	30.83	0.94	0.24	2.80	cubic	Cu
PCN-68	PCN-68g	4801.47	20.91	0.86	0.40	1.19	cubic	Cu
PCN-777	PCN-777g	3019.65	33.63	0.90	0.27	3.12	cubic	Zr
UiO66	UiO66	1030.96	8.46	0.55	1.22	0.06	cubic	Zr
UiO67	UiO67	2729.82	12.20	0.75	0.76	0.31	cubic	Zr