Nickel On The Tie, Found In 34,885 Different Particles In 2,514 Configurations (50 Most Common *)									
Overall Rank	1st	2nd	3rd	4th	1st Avg Wt	2nd Avg Wt	3rd Avg Wt	4th Avg Wt	5th+ Avg Wt	Number
4	Ca	Ni	Si		94%	4%	2%	0%	0%	1,318
9	Ca	Ni	Si	Mg	93%	4%	2%	1%	0%	797
10	Ca	Ni	Si	S	92%	4%	2%	1%	1%	794
11	Si	K	Al	Ni	52%	26%	16%	4%	3%	753
12	Ca	Al	Ni	Si	86%	8%	4%	2%	1%	750
17	Ca	Ni	Al	Si	90%	5%	3%	1%	1%	658
25	Ca	S	Ni	Si	60%	33%	4%	2%	2%	501
29	Si	Al	Na	Ni	64%	20%	9%	4%	3%	489
30	Ca	Ni	Si	Al	90%	5%	2%	2%	1%	484
36	Si	Al	Fe	Ni	57%	22%	10%	4%	7%	388
37	Ca	Ni	Si	P	92%	5%	2%	1%	1%	384
38	Si	Al	Ni	Ca	59%	31%	5%	3%	2%	374
40	Si	Al	Ca	Ni	48%	26%	13%	5%	8%	372
41	Si	Ni			97%	3%	0%	0%	0%	370
43	Ca	Mg	Ni	Si	75%	19%	4%	2%	1%	356
44	Si	Al	K	Ni	55%	21%	13%	5%	7%	350
53	Ca	Ni			96%	4%	0%	0%	0%	301
59	Si	Al	Ni	Fe	73%	15%	4%	3%	4%	250
63	Si	Mg	Al	Ni	50%	28%	11%	5%	6%	241
67	Si	Mg	Ni	Cl	61%	31%	5%	2%	1%	234
71	Mg	Si	Al	Ni	36%	31%	20%	6%	6%	226
72	Ca	Ni	S	Si	90%	5%	2%	2%	1%	221
73	Ca	Ni	Si	Na	93%	4%	2%	1%	0%	221
75	Si	Al	Ni		65%	31%	4%	0%	0%	217
76	Ca	P	Ni	Si	57%	36%	4%	2%	2%	215
78	Si	Ni	Al		95%	3%	1%	0%	0%	213
80	Ca	Si	Ni	Al	81%	8%	4%	3%	3%	210
82	Zn	Ni	Na	Si	92%	5%	2%	1%	0%	206
83	Zn	Ni	Ti	Na	90%	5%	3%	2%	1%	205
84	Ca	Si	Ni	S	85%	6%	4%	2%	3%	204
86	Ca	Ni	Si	Cl	92%	4%	2%	1%	1%	201
89	Ca	Si	Al	Ni	66%	15%	9%	4%	6%	197
91	Ca	S	Ni	Al	56%	36%	4%	2%	1%	186
94	Si	Fe	Al	Ni	56%	17%	12%	5%	10%	184
96	Ca	Ni	Mg		96%	4%	1%	0%	0%	183
97	Si	Al	Ni	K	64%	25%	6%	3%	3%	182
101	Cl	Na	Ni	Ca	75%	21%	2%	1%	1%	175
102	Si	Mg	Ni	Al	60%	30%	5%	3%	2%	175
108	Si	Mg	Ni	Fe	61%	29%	5%	3%	2%	169
111	Ca	Ni	Al		93%	5%	2%	0%	0%	164
114	Ca	S	Ni		54%	41%	4%	0%	0%	160
120	Si	Ca	Al	Ni	50%	22%	15%	5%	9%	155
125	Si	Mg	Ni	Ca	61%	29%	5%	2%	2%	152
127	Si	Mg	Ni		63%	32%	5%	0%	0%	150
128	Ca	Si	Ni	Mg	85%	7%	4%	2%	2%	149
131	Ca	S	Si	Ni	57%	28%	6%	4%	5%	146
135	Zn	Ni	Si		94%	6%	1%	0%	0%	146
137	Ca	S	Ni	Na	58%	35%	4%	1%	1%	144
141	Si	Ni	Ca		95%	4%	1%	0%	0%	140
142	Zn	Ti	Ni	Na	83%	10%	4%	2%	1%	139

* Unbeknownst to the testers when they obtained samples, there were Ni wires in the sticky stubs