

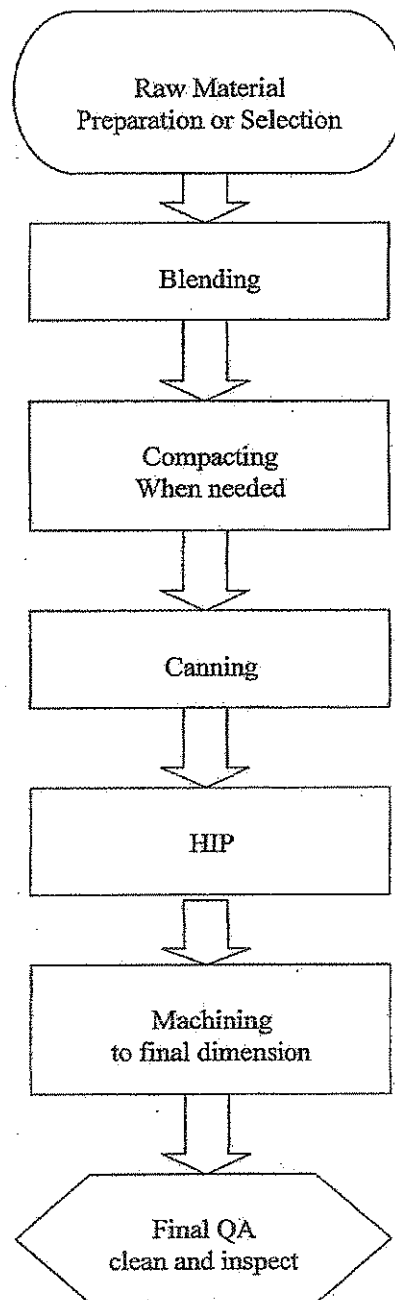


Figure 1

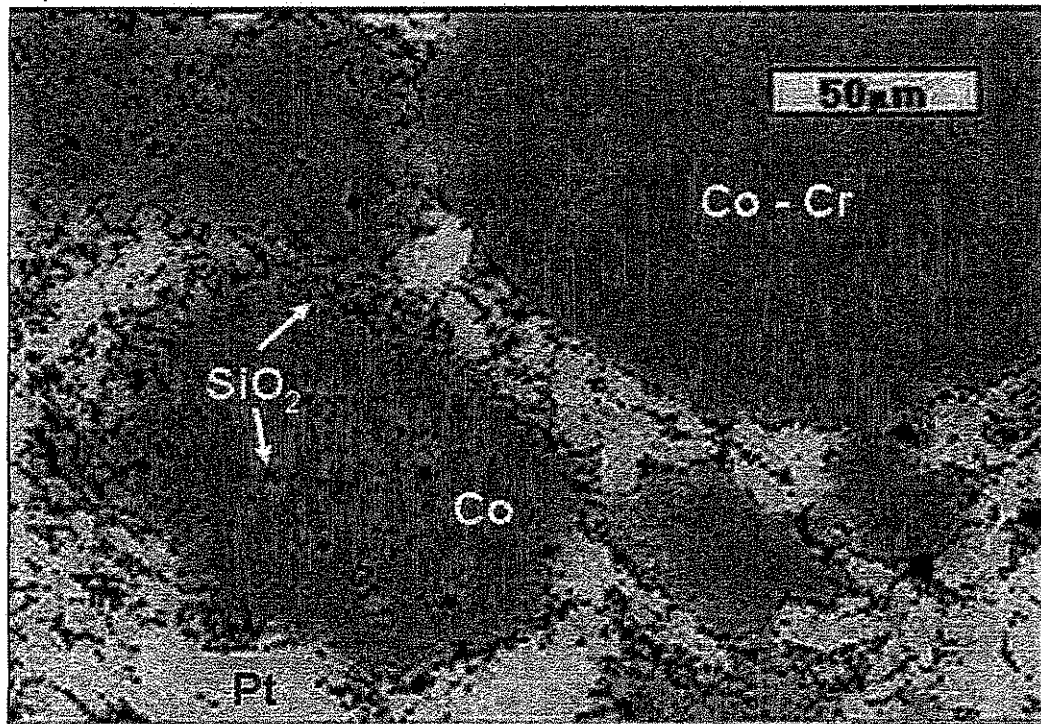
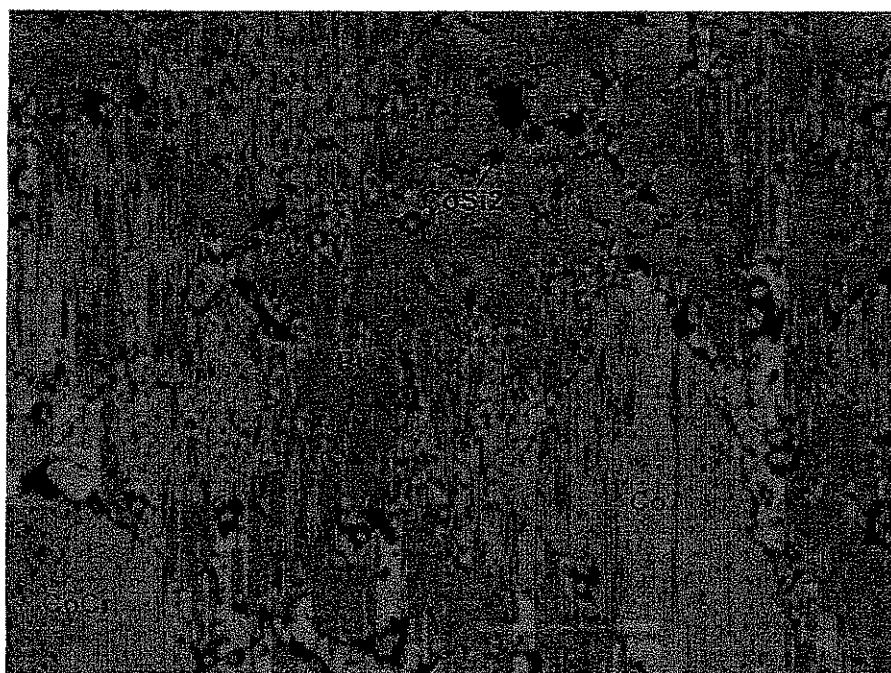


Figure 2



50µm

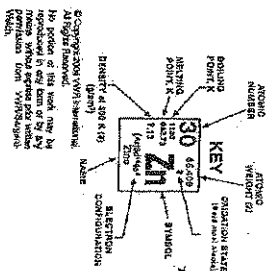
Figure 3

PERIODIC TABLE OF THE ELEMENTS

Table of Selected Radioactive Isotopes

GROUP	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1A	2A	3A	4A	5A	6A	7A	8A	9A	10A	11A	12A	13A	14A	15A	16A	17A	18A	19A
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
H	He	Li	Be	B	C	N	O	F	Ne	Na	Mg	Al	Si	P	S	Cl	Ar	Kr
19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37
K	Ca	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Br	Kr	Rb
37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55
Rb	Sr	Y	Zr	Nb	Mo	Tc	Ru	Rh	Pd	Ag	Cd	In	Sn	Sb	Te	I	Xe	Cs
55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73
Cs	Ba	La	Ce	Pr	Nd	Pm	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Ta
87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105
Fr	Ra	Ac	Th	Pa	U	Np	Pu	Am	Cm	Bk	Cf	Es	Fm	Md	No	Lr	Rf	Mo
108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126
Uuo	Uuh	Uub	Uut	Uuq	Uur	Uus	Uud	Uue	Uuf	Uug	Uuh	Uui	Uuj	Uuk	Uul	Uum	Uun	Uuo

APPENDIX 1



* 58-71 and 90-103 are the lanthanide and actinide series, respectively. They are shown below the main table for clarity.

19-20, 39-40, 59-60, 79-80, 99-100, 119-120, 139-140, 159-160, 179-180, 199-200, 219-220, 239-240, 259-260, 279-280, 299-300, 319-320, 339-340, 359-360, 379-380, 399-400, 419-420, 439-440, 459-460, 479-480, 499-500, 519-520, 539-540, 559-560, 579-580, 599-600, 619-620, 639-640, 659-660, 679-680, 699-700, 719-720, 739-740, 759-760, 779-780, 799-800, 819-820, 839-840, 859-860, 879-880, 899-900, 919-920, 939-940, 959-960, 979-980, 999-1000, 1019-1020, 1039-1040, 1059-1060, 1079-1080, 1099-1100, 1119-1120, 1139-1140, 1159-1160, 1179-1180, 1199-1200, 1219-1220, 1239-1240, 1259-1260, 1279-1280, 1299-1300, 1319-1320, 1339-1340, 1359-1360, 1379-1380, 1399-1400, 1419-1420, 1439-1440, 1459-1460, 1479-1480, 1499-1500, 1519-1520, 1539-1540, 1559-1560, 1579-1580, 1599-1600, 1619-1620, 1639-1640, 1659-1660, 1679-1680, 1699-1700, 1719-1720, 1739-1740, 1759-1760, 1779-1780, 1799-1800, 1819-1820, 1839-1840, 1859-1860, 1879-1880, 1899-1900, 1919-1920, 1939-1940, 1959-1960, 1979-1980, 1999-2000, 2019-2020, 2039-2040, 2059-2060, 2079-2080, 2099-2100, 2119-2120, 2139-2140, 2159-2160, 2179-2180, 2199-2200, 2219-2220, 2239-2240, 2259-2260, 2279-2280, 2299-2300, 2319-2320, 2339-2340, 2359-2360, 2379-2380, 2399-2400, 2419-2420, 2439-2440, 2459-2460, 2479-2480, 2499-2500, 2519-2520, 2539-2540, 2559-2560, 2579-2580, 2599-2600, 2619-2620, 2639-2640, 2659-2660, 2679-2680, 2699-2700, 2719-2720, 2739-2740, 2759-2760, 2779-2780, 2799-2800, 2819-2820, 2839-2840, 2859-2860, 2879-2880, 2899-2900, 2919-2920, 2939-2940, 2959-2960, 2979-2980, 2999-3000, 3019-3020, 3039-3040, 3059-3060, 3079-3080, 3099-3100, 3119-3120, 3139-3140, 3159-3160, 3179-3180, 3199-3200, 3219-3220, 3239-3240, 3259-3260, 3279-3280, 3299-3300, 3319-3320, 3339-3340, 3359-3360, 3379-3380, 3399-3400, 3419-3420, 3439-3440, 3459-3460, 3479-3480, 3499-3500, 3519-3520, 3539-3540, 3559-3560, 3579-3580, 3599-3600, 3619-3620, 3639-3640, 3659-3660, 3679-3680, 3699-3700, 3719-3720, 3739-3740, 3759-3760, 3779-3780, 3799-3800, 3819-3820, 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