MATERIAL	Toxic Rating 1 to 5	Gun	RF/DC	Power %	Bias (V)	O2 flow (sccm)	Ar flow (sccm)	Temperature (°C)	Pressure (mT)	Expected ate (nm/mi	Measured ate (nm/mi	Method
Ag	1	**3**	DC	2			20	28	2.5	2.5	2.4	RBS
Al		**5**	DC	20			20		2.5		10	
Al	1	**6**	RF	50			20	18	4	3.6	5	SEM/Filmtek
Au	1	**3**	DC	5			20	18	2.5	5.3	5.47	RBS
Bi		**3**	DC	3			20	18	3		5.2	
Co	1	**2**	DC	20	418		20	18	4		5	Dektak
Cr NC	1		RF	30	265		20	18	4		4.5	Dektak
Cr	1	**6**	RF	30			20	18	4	3.24	2.58	RBS
Cu	1	**3**	DC	10			20	18	4		5	Optical Prof
Er	2	**5 or 6**										
Fe		**2**	DC	5	300		20	18	4		1.6666667	Dektek
Ge	1	**6**	RF	20			20	18	4	3.5	3.25 - 3.38	RBS
			RF	50		10	10	18	4		2.35	ELLIP
			RF	50		15	5	18	4		2.66	ELLIP
Hf La Mg	1	**3 or 6**										
Mo		**3**	DC	10	330		20	18	4		3.66	Stylus
Nb	3	**3**	DC	30	400		20	18	4		6.4	Dektek
NiO		**2**	DC	20	390	2	18	18	4	-	13	Stylus
Ni	1	**2**	DC	20			20	18	4		9	
Pd	3	**6**	RF	30	105		20	18	4		8.03	Stylus
Pt	1	**3**	DC	20			20	18	4	14.4	11.74	RBS
Sn		**6**	DC	5	350		20	18	4		9.7777778	Dektek
Sn	2	**6**	DC	1	278		20	18	4		1.6	Stylus
Sb		**5**	DC	10	450		20	18	4		17.5	
Sb		**5**	DC	3			20	18	4		6	
Sb		**5**	DC	1			20	18	4		1	
Si	6		RF	50			20		4		3.28	

R = 0.0646*RF

Si			DC	20			20	18	4		2.27	
Si	1	**6**	RF	40			20	18	4	1.8	2.34	STYLUS
Ta	*1*	***6***	*RF*	*50*	*100*	*0*	*20*	*18*	*4*		*7*	*STYLUS*
Te	3	**6**	DC	3			20	18	3		14.6	
Ti	1	**5**	RF	50			20	18	4	3	3	RBS
W	1	**6**	DC	20	415		20	18	3		6	Dektek
Graphite	1	3	DC	35	608		20	18	2.5		1.11	
zn			dc	5			20	18			15	

R = 0.0606*RF