

05/10/98

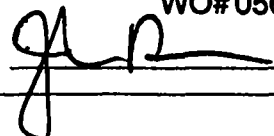
Certificate of Analysis

Page 1

Yukon Yellow Metal

WO# 05616

Certified by



Sample #	total pulp wt gm	wt of +150 gm	Au in -150 oz/ton	Au in +150 mg	total Au oz/ton
dc M-X29	118.9	28.600	0.008	0.007	0.008
dc M-X50	191.1	7.086	0.003	0.002	0.003
dc M-X54	221.2	26.271	0.002	0.002	0.002
dc M-X55	290.2	35.347	0.002	0.004	0.002
dc M-X56	512.1	42.703	0.003	0.003	0.003
dc M-X57	311.8	38.684	0.060	0.046	0.057
dc M-X58	505.4	58.436	0.015	0.029	0.015
dc M-X59	483.2	60.107	0.017	0.025	0.016
dc M-X93	290.8	56.753	0.002	0.003	0.002
dc M-X104	366.1	35.166	0.002	0.003	0.002

15/09/98

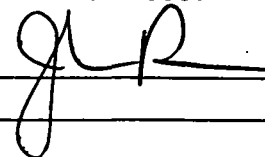
Certificate of Analysis

Page 1

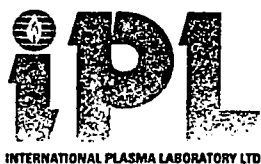
Yukon Yellow Metal

WO#05597

Certified by



Sample #	Au 30g ppb
dc M-X 47	<5
dc M-X 48	<5
dc M-X 49	18
dc M-X 50	71
dc M-X 51	49
dc M-X 52	7
dc M-X 53	<5
dc M-X 54	68
dc M-X 55	85
dc M-X 56	49
dc M-X 57	1896
dc M-X 58	450
dc M-X 59	516
dc M-X 60	28
dc M-X 61	<5
dc M-X 62	5
dc M-X 63	<5
dc M-X 64	<5
dc M-X 65	<5
dc M-X 66	<5
dc M-X 67	<5
dc M-X 68	<5
dc M-X 69	<5
dc M-X 70	<5
dc M-X 71	11
dc M-X 72	<5
dc M-X 73	<5
dc M-X 74	<5
dc M-X 75	<5



# CERTIFICATE OF ANALYSIS

## iPL 98I1010

2036 Columbia Street  
Vancouver, B.C.  
Canada V5Y 3E1  
Phone (604) 879-7878  
Fax (604) 879-7898

Client : Northern Analytical Laboratories  
Project: W.O. 5597

29 Samples  
29=Pulp

[101017:15:49:89092598]

Out: Sep 25, 1998  
In : Sep 22, 1998

Page 1 of 1  
Section 1 of 1

Sample Name	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
M-X 47	P 0.3	76	52	75	61	8	<	4	<	<	7.0	31	108	34	16	133	73	406	123	117	3	12	<	1.68	2.06	3.13	1.03	0.06	<	0.26
M-X 48	P <	31	31	77	30	64	4	2	<	<	6.2	30	122	25	13	66	33	664	86	95	5	13	<	0.76	2.31	3.08	0.54	0.07	<	0.25
M-X 49	P 0.6	32	28	60	61	66	<	3	<	<	6.7	26	93	20	8	67	19	87	63	41	8	3	<	0.64	0.66	3.46	0.07	0.06	<	0.21
M-X 50	P 3.6	25	19	48	1051	140	<	2	<	<	11.8	14	53	10	21	133	12	58	14	37	9	1	<	0.43	0.35	6.15	0.06	0.20	<	0.09
M-X 51	P 7.9	30	60	29	253	92	<	2	<	<	5.9	8	29	27	16	156	8	41	10	31	6	1	<	0.37	0.25	3.09	0.05	0.09	<	0.06
M-X 52	P 0.4	26	26	70	150	57	3	2	<	<	7.0	23	92	46	9	65	18	592	35	384	3	10	<	0.73	3.63	3.49	1.11	0.19	<	0.23
M-X 53	P 0.4	18	31	73	41	59	<	3	<	<	8.9	23	86	36	<	48	16	850	32	611	5	10	<	0.60	4.96	4.39	1.58	0.17	<	0.20
M-X 54	P 0.3	31	25	71	74	38	<	3	<	<	6.6	21	72	62	8	59	19	886	34	535	3	10	<	0.69	5.67	3.31	1.73	0.18	<	0.22
M-X 55	P 0.6	14	22	67	102	94	4	3	<	<	16.5	22	105	20	5	59	28	892	18	352	7	10	<	0.58	5.89	7.55	2.06	0.12	<	0.21
M-X 56	P 2.0	25	26	63	119	88	<	3	<	<	10.0	20	79	35	<	62	32	1402	26	222	7	12	<	0.59	5.04	4.93	1.68	0.08	<	0.21
M-X 57	P 0.9	20	29	58	1.74	50	<	2	<	<	7.3	26	113	25	5	66	24	274	38	74	5	4	<	0.63	1.27	3.51	0.25	0.26	<	0.27
M-X 58	P 1.3	20	40	51	8798	43	3	2	<	<	10.2	23	102	24	<	51	17	311	25	223	11	5	<	0.51	2.14	4.99	0.61	0.26	<	0.23
M-X 59	P 0.6	10	30	47	5691	18	<	4	<	<	7.8	20	86	55	<	39	21	871	25	644	5	9	<	0.60	6.60	3.62	2.20	0.22	<	0.20
M-X 60	P 0.6	21	27	54	521	112	4	1	<	<	7.7	20	81	34	<	82	38	1058	46	147	5	9	<	0.79	3.27	3.84	0.98	0.10	<	0.24
M-X 61	P 0.2	10	26	76	136	37	<	2	<	<	7.0	26	99	40	8	74	49	1021	56	208	3	11	<	0.87	5.26	3.38	1.45	0.07	<	0.23
M-X 62	P 0.2	16	32	68	109	29	<	1	<	<	5.8	25	101	49	6	70	42	795	74	93	3	15	<	0.89	3.29	2.98	0.86	0.03	<	0.24
M-X 63	P 0.2	16	28	108	66	20	<	2	<	<	7.7	25	103	38	9	86	55	709	83	207	4	13	<	1.17	3.98	3.79	1.21	0.04	<	0.23
M-X 64	P 0.2	31	20	68	59	6	<	4	<	<	8.1	25	107	75	<	137	66	638	70	279	3	12	<	1.80	3.77	3.91	1.70	0.06	<	0.21
M-X 65	P 0.2	31	26	51	37	27	<	6	<	<	6.4	20	78	65	<	89	52	643	61	443	3	9	<	1.03	6.33	3.18	2.18	0.06	<	0.18
M-X 66	P <	12	20	61	19	13	<	3	<	<	5.8	19	80	51	5	70	47	666	54	583	3	9	<	0.76	6.73	2.98	1.98	0.08	<	0.20
M-X 67	P 0.3	23	31	67	48	<	<	3	<	<	7.7	24	96	85	<	142	75	675	91	313	2	12	<	2.23	4.41	3.63	2.23	0.07	<	0.23
M-X 68	P 0.4	25	26	67	79	<	<	5	<	<	8.4	23	100	140	<	153	80	675	85	315	2	11	<	2.63	4.07	3.91	2.51	0.07	<	0.23
M-X 69	P 0.4	45	27	62	71	<	<	4	<	<	8.2	23	113	119	8	156	71	676	72	386	2	11	<	2.57	4.40	3.77	2.60	0.07	<	0.23
M-X 70	P 0.4	70	29	59	56	6	<	4	<	<	8.8	24	108	100	<	117	49	733	36	459	2	11	<	1.63	5.08	4.23	2.16	0.12	<	0.23
M-X 71	P 0.1	39	19	89	35	8	<	3	<	<	7.8	15	42	36	<	43	12	502	22	314	9	4	<	0.51	3.01	3.99	1.10	0.16	<	0.04
M-X 72	P <	25	20	91	15	<	<	1	<	<	7.5	16	39	33	<	30	9	537	21	191	8	3	<	0.39	2.44	3.99	0.98	0.13	<	0.03
M-X 73	P <	25	16	94	24	<	<	2	<	<	7.8	19	40	28	<	27	8	420	17	156	8	2	<	0.37	2.30	4.10	0.87	0.14	<	0.03
M-X 74	P <	27	22	86	37	<	<	1	<	<	8.3	20	38	28	<	32	7	545	12	223	7	3	<	0.32	3.37	4.35	1.08	0.13	<	0.03
M-X 75	P <	19	18	83	23	<	<	2	<	<	8.6	13	37	37	<	34	8	571	13	270	6	3	<	0.36	3.80	4.38	1.05	0.17	<	0.02

02/09/98

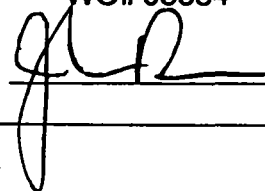
Certificate of Analysis

Page 1

Yukon Yellow Metal

WO# 05584

Certified by



Sample #	Au oz/ton
ED-1	0.001
ED-2	<0.001
ED-3	<0.001
ED-4	<0.001
ED-5	0.001
ED-6	<0.001
ED-7	<0.001
ED-8	<0.001
HEATHER-1	<0.001
HEATHER-2	<0.001
HEATHER-3	<0.001
HEATHER-4	<0.001
HEATHER-5	<0.001
dc M-X 23	<0.001
dc M-X 24	0.001
dc M-X 25	0.001
dc M-X 26	<0.001
dc M-X 27	<0.001
dc M-X 28	<0.001
dc M-X 29	0.007
dc M-X 30	<0.001
dc M-X 31	<0.001
dc M-X 32	<0.001
dc M-X 33	<0.001
dc M-X 34	<0.001
dc M-X 35	0.001
dc M-X 36	0.001
dc M-X 37	<0.001
dc M-X 38	0.001
dc M-X 39	0.002

02/09/98

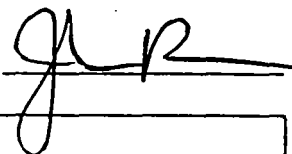
Certificate of Analysis

Page 2

Yukon Yellow Metal

WO# 05584

Certified by



	Sample #	Au oz/ton
dc	M-X 40	0.001
dc	M-X 41	0.001
dc	M-X 42	<0.001
dc	M-X 43	<0.001
dc	M-X 44	<0.001
dc	M-X 45	<0.001
dc	M-X 46	<0.001



# CERTIFICATE OF ANALYSIS

## iPL J940

2036 Columbia  
Vancouver, B.C.  
Canada V5Y 3E1  
Phone (604) 879-7878  
Fax (604) 879-7898

Client : Northern Analytical Laboratories  
Project: W.O. # 5584

37 Samples  
37-Pulp

[094009:03:36:89091498]

Out: Sep 14, 1998  
In : Sep 08, 1998

Page 1 of 1  
Section 1 of 1

Sample Name	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	B1 ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
ED - 1	P	<	5	7	9	<	<	5	<	<	1.4	3	8	11	<	34	7	618	5	329	1	2	< 0.05	17%	2.66	6.70	0.02	<	0.01	
ED - 2	P	<	2	7	5	<	<	4	<	<	0.2	2	3	5	<	13	3	98	7	1696	2	1	< 0.03	34%	0.29	0.19	0.02	0.01	0.01	
ED - 3	P	<	3	13	215	318	<	3	<	<	3.9	41	231	11	<	277	86	1058	12	419	3	9	< 3.22	6.37	7.47	3.30	0.01	<	0.15	
ED - 4	P	<	3	10	6	10	<	4	<	<	0.1	1	5	3	<	14	2	106	5	635	1	1	< 0.08	36%	0.32	0.13	0.01	0.01	0.01	
ED - 5	P	<	1	<	2	6	<	3	<	<	<	1	5	2	<	13	2	135	5	333	2	1	< 0.07	34%	0.30	0.09	<	0.01	0.01	
ED - 6	P	<	31	17	46	35	<	3	<	<	1.8	21	94	45	<	141	65	542	42	148	2	5	0.16	2.20	2.57	3.21	2.18	0.05	0.05	0.22
ED - 7	P	<	2	8	8	<	<	4	<	<	0.3	1	3	4	<	11	2	269	10	2192	3	2	< 0.08	32%	0.72	0.36	0.03	0.01	0.02	
ED - 8	P	<	20	8	51	19	<	2	<	<	1.0	7	18	8	<	33	14	378	20	796	5	3	0.05	0.90	1.8%	1.71	0.92	0.02	0.02	0.02
HEATHER - 1	P	<	19	11	57	11	<	<	<	<	1.5	12	28	19	<	28	6	400	15	978	5	2	< 0.58	12%	2.20	0.31	0.10	<	0.06	
HEATHER - 2	P	<	14	18	55	12	<	2	<	<	1.8	11	24	12	<	28	7	539	10	1330	4	2	< 1.10	13%	2.72	0.60	0.08	<	0.04	
HEATHER - 3	P	<	16	17	47	<	<	1	<	<	1.7	8	22	15	<	23	5	360	13	1545	4	3	< 0.68	15%	2.46	0.39	0.09	<	0.04	
HEATHER - 4	P	<	18	18	58	<	<	2	<	<	1.7	11	29	15	<	26	6	372	16	1283	4	2	< 0.67	13%	2.82	0.37	0.10	<	0.03	
HEATHER - 5	P	<	23	13	53	11	<	1	<	<	2.4	12	27	17	<	28	6	308	16	963	4	2	< 1.00	9.75	2.84	0.53	0.11	<	0.02	
M - X23	P	0.3	21	30	63	14	9	<	1	<	1.0	18	60	12	<	73	10	35	70	41	7	1	< 0.55	0.61	1.88	0.02	0.03	<	0.15	
M - X24	P	1.8	26	30	53	9	60	<	2	<	3.1	21	122	8	<	71	13	20	62	26	23	1	< 0.70	0.46	9.44	0.02	0.05	<	0.14	
M - X25	P	1.1	50	23	115	119	28	<	5	<	3.7	20	81	7	7	58	15	130	57	44	22	2	< 0.54	0.99	9.66	0.13	0.02	<	0.16	
M - X26	P	0.6	62	20	53	14	36	<	1	<	1.4	18	70	14	<	46	10	16	80	18	17	1	< 0.57	0.37	4.29	0.01	0.04	<	0.14	
M - X27	P	0.5	27	27	92	20	27	<	18	<	1.7	17	81	20	<	50	15	399	77	66	8	3	< 0.69	2.02	3.59	0.37	0.04	<	0.22	
M - X28	P	0.1	20	20	66	41	<	2	<	<	2.2	27	106	109	<	128	49	729	103	248	2	8	< 2.39	3.50	2.76	1.94	0.10	<	0.24	
M - X29	P	0.8	25	22	117	1273	14	<	2	<	1.9	16	79	42	<	97	35	608	79	199	4	4	< 1.61	3.65	3.46	1.65	0.05	<	0.18	
M - X30	P	0.1	40	22	48	39	<	1	<	<	2.1	19	82	320	<	98	45	556	53	230	2	5	0.05	1.84	2.64	2.88	2.00	0.06	0.02	0.26
M - X31	P	0.1	30	26	51	32	<	2	<	<	3.2	17	75	380	<	103	49	566	46	217	2	7	0.06	1.83	2.47	2.99	2.13	0.06	0.02	0.25
M - X32	P	0.4	28	23	55	41	11	<	2	<	2.2	25	108	73	<	84	47	631	102	289	2	9	< 2.29	3.61	3.90	1.93	0.07	<	0.26	
M - X33	P	0.5	29	32	69	23	26	<	1	<	1.7	22	90	28	<	48	17	71	113	51	6	3	< 0.68	0.72	2.90	0.08	0.03	<	0.25	
M - X34	P	0.4	10	131	12	19	<	1	<	<	0.5	3	15	58	<	78	5	37	7	40	6	1	< 0.69	0.20	0.96	0.09	0.21	0.01	0.03	
M - X35	P	0.4	24	25	66	47	72	<	1	<	1.4	21	86	26	<	36	14	601	34	362	9	12	< 0.51	2.93	4.07	1.03	0.12	<	0.23	
M - X36	P	2.5	27	19	61	65	83	<	2	<	2.3	20	87	10	<	44	13	371	30	103	18	5	< 0.44	1.40	7.42	0.38	0.09	<	0.18	
M - X37	P	0.1	40	31	117	5	20	<	2	<	1.3	29	123	19	13	38	17	155	118	45	7	3	< 0.74	0.82	3.38	0.06	0.05	<	0.27	
M - X38	P	0.5	27	20	90	<	62	<	6	<	1.7	22	95	10	<	37	10	28	70	31	21	1	< 0.53	0.38	6.04	0.03	0.07	<	0.14	
M - X39	P	1.7	44	16	50	34	153	<	4	<	3.5	20	98	14	<	43	12	19	31	26	18	1	< 0.40	0.15	12%	0.03	0.12	<	0.04	
M - X40	P	0.6	46	16	73	232	49	<	9	<	1.5	19	43	20	<	55	7	46	24	42	11	2	< 0.40	0.36	4.82	0.08	0.22	<	0.06	
M - X41	P	1.2	32	10	90	266	52	<	3	<	1.6	15	37	28	<	45	6	178	21	95	9	3	< 0.29	1.05	3.92	0.29	0.18	<	0.06	
M - X42	P	0.1	42	26	48	35	19	<	4	<	1.4	37	175	33	30	108	45	202	133	113	4	5	< 1.73	1.11	3.45	1.12	0.06	<	0.30	
M - X43	P	0.2	62	16	47	67	6	<	3	<	1.5	31	159	81	49	168	73	348	112	155	2	6	0.01	3.07	1.61	3.24	2.23	0.10	<	0.28
M - X44	P	0.1	135	8	60	52	<	4	<	<	1.4	26	49	61	14	67	38	286	55	206	21	5	< 2.37	1.52	4.34	1.24	0.25	<	0.05	
M - X45	P	<	40	24	50	31	<	3	<	<	2.1	23	84	78	<	131	54	709	77	309	3	9	< 2.52	5.39	3.91	2.48	0.12	<	0.21	
M - X46	P	<	22	16	31	41	<	13	<	<	2.3	15	81	62	<	124	67	780	68	497	2	9	< 2.05	7.61	2.67	2.02	0.08	<	0.20	

Min Limit 0.1 1 2 1 5 5 3 1 10 2 0.1 1 1 2 5 1 2 1 2 1 1 1 1 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01  
Max Reported\* 99.9 20000 20000 20000 9999 999 9999 999 999 999 9999 99.9 9999 9999 9999 999 9999 9999 9999 9999 9999 9999 9999 9999 1.00 9.99 9.99 9.99 9.99 9.99 9.99 5.00 5.00  
Method ICP  
—No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample P=Pulp

12/08/98

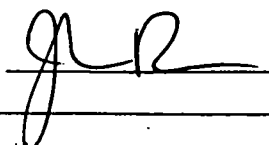
Certificate of Analysis

Page 1

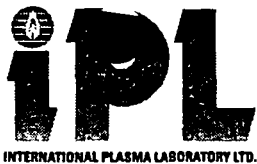
Yukon Yellow Metal

WO# 05562

DDH<sup>#</sup> 2 0'-6 1/2'

Certified by 

Sample #		Au ppb
dc	MX-19	257
dc	MX-20	<5
dc	MX-21	<5
dc	MX-22	8



INTERNATIONAL PLASMA LABORATORY LTD.

# CERTIFICATE OF ANALYSIS

## iPL 98H0825

2036 Columbia Street  
Vancouver, B.C.  
Canada V5Y 3E1  
Phone (604) 879-7878  
Fax (604) 879-7898

Client : Northern Analytical Laboratories  
Project: WO# 5562

4 Samples  
4=PuIp

[082516:55:18:89081898]

Out: Aug 18, 1998  
In : Aug 12, 1998

Page 1 of 1  
Section 1 of 1

Sample Name	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
M-X19	3.5	75	140	113	2217	109	<	30	<	<	7.6	24	47	7	20	272	20	71	46	23	18	2	<	1.16	0.32	8.79	0.03	0.11	<	0.12
M-X20	0.2	55	68	163	200	40	<	.11	<	<	2.9	43	173	32	17	181	69	70	182	55	3	5	<	2.56	0.88	2.61	0.04	0.10	<	0.37
M-X21	0.3	37	57	94	66	51	<	10	<	<	3.3	27	88	17	17	83	18	70	120	35	5	2	<	0.78	0.67	3.68	0.01	0.03	<	0.27
M-X22	0.5	49	56	85	60	76	<	10	<	<	3.5	30	99	15	21	83	15	45	98	29	7	2	<	0.67	0.60	4.00	0.02	0.03	<	0.24

Min Limit 0.1 1 2 1 5 5 3 1 10 2 0.1 1 1 2 5 1 2 1 2 1 1 1 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01  
Max Reported\* 99.9 20000 20000 20000 9999 999 9999 999 999 9999 99.9 9999 9999 9999 999 9999 9999 9999 9999 9999 9999 9999 9999 1.00 9.99 9.99 9.99 9.99 9.99 5.00 5.00  
Method ICP  
—No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample P=Pulp