



INTERNATIONAL PLASMA LABORATORY LTD.

CERTIFICATE OF ANALYSIS

iPL 96I0936

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

Client: Northern Analytical Laboratories
 Project: 7091 n 42 Pulp

iPL: 96I0936

Out: Oct 01, 1996
 In: Sep 26, 1996

Page 2 of 2
 [093614:30:21:69100196]

Section 1 of 1
 Certified BC Assayer: David Chiu

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 %
128649	97.2	161	4964	8223	28	191	4	17	<	<	28.1	1	14	7	<	13	9	229	9	40	3	<	<	0.14	0.52	5.00	0.05	0.03	<	0.01
128650	70.4	79	6305	13117	40	99	<	6	<	<	55.2	1	8	10	<	17	8	396	15	119	4	<	0.01	0.32	1.55	2.22	0.10	0.10	0.01	0.01
128652	3.4	70	257	471	<	6	<	21	<	<	0.7	2	7	21	<	60	3	130	60	32	11	<	0.02	0.89	1.69	4.15	0.04	0.64	0.04	0.08

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
 Max Reported* 99.9 20000 20000 20000 9999 9999 9999 9999 999 999 99.9 999 999 9999 999 9999 999 9999 9999 9999 9999 9999 999 99 1.00 9.99 9.99 9.99 9.99 9.99 5.00 5.00
 Method ICP
 ---No Test ins=Insufficient Sample S=Soil R=Rock C=Core L=Silt P=Pulp U=Undefined m=Estimate/1000 %=Estimate % Max=No Estimate
 International Plasma Lab Ltd. 2036 Columbia St. Vancouver BC V5Y 3E1 Ph:604/879-7878 Fax:604/879-7898



CERTIFICATE OF ANALYSIS

iPL 96J1001

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 Vancouver, B.C.
 Canada V5Y 3E1
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Client: Northern Analytical Laboratories
 Project: WO 07126 48 Pulp

iPL: 96J1001

Out: Oct 15, 1996
 In: Oct 07, 1996

Page 2 of 2
 [100116:34:16:69101596]

Section 1 of 1
 Certified BC Assayer: David Chiu

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 %
128718	0.8	15	105	618	<	<	<	13	<	<	1.2	1	1	44	<	48	3	423	102	19	16	<	0.04	1.16	1.74	7.28	0.62	0.13	0.07	0.01
128719	0.2	6	93	1422	<	<	<	17	<	<	2.7	1	1	47	<	52	<	277	116	15	18	<	0.02	1.01	0.60	3.92	0.59	0.36	0.07	0.01
128720	0.8	14	37	3039	922	<	<	12	<	<	14.1	1	6	42	<	57	3	660	110	13	36	<	0.04	0.91	0.82	5.45	0.71	0.10	0.02	0.01
128721	4.7	44	630	1623	839	<	<	14	<	<	6.3	1	35	49	<	57	153	793	42	66	8	<	0.02	0.42	3.92	11%	0.27	0.10	0.01	1.30
128722	8.0	32	1116	3496	3200	20	<	12	<	<	17.0	1	31	43	<	90	119	499	13	44	7	<	0.01	0.24	2.80	9.48	0.13	0.07	0.01	1.13
128723	0.3	5	50	163	215	<	<	11	<	<	<	2	5	65	<	53	5	906	113	19	15	<	0.08	2.08	0.97	4.54	0.95	0.72	0.06	0.02
128724	5.8	70	1409	5608	509	<	<	14	<	<	29.3	2	24	41	<	45	193	1253	19	57	8	<	0.05	1.58	3.93	10%	1.26	0.66	0.02	1.63
128725	4.8	37	1158	1086	123	<	<	20	<	<	4.4	1	23	29	<	83	295	1232	76	42	9	<	0.02	1.24	2.83	9.61	1.00	0.15	0.01	1.12
128726	2.8	52	278	3711	1171	<	<	11	<	<	18.9	1	30	40	<	93	328	1003	20	44	8	<	0.02	0.80	2.67	11%	0.71	0.29	0.01	1.14

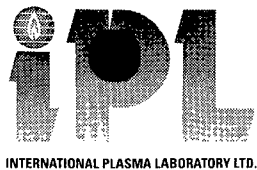
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Max Reported* 99.9 20000 20000 20000 9999 9999 9999 9999 9999 9999 99.9 9999

Method ICP

—=No Test ins=Insufficient Sample S=Soil R=Rock C=Core L=Silt P=Pulp U=Undefined m=Estimate/1000 %=Estimate % Max=No Estimate

International Plasma Lab Ltd. 2036 Columbia St. Vancouver BC V5Y 3E1 Ph:604/879-7878 Fax:604/879-7898



CERTIFICATE F ANALYSIS

iPL 96J1002

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Client: Northern Analytical Laboratories
 Project: WO 07117 12 Pulp

iPL: 96J1002

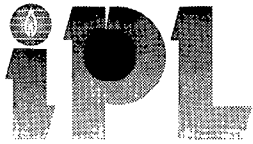
Out: Oct 15, 1996
 In: Oct 07, 1996

Page 1 of 1
 [100216:35:27:69101596]

Section 1 of 1
 Certified BC Assayer: David Chiu

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 %
128668	P 2.8	223	3847	9369	16	6	<	31	<	<	50.0	5	5	37	<	69	9	910	32	23	7	2	0.05	1.90	1.62	3.57	0.65	0.48	0.07	0.03
128669	P 2.8	248	4439	17449	13	<	<	41	<	<	92.4	4	3	28	<	57	6	1436	42	29	5	1	0.10	2.62	2.20	5.21	0.92	1.10	0.08	0.04
128670	P 4.4	327	8230	17580	23	<	<	2	<	<	98.6	3	3	54	<	69	4	1457	23	40	8	1	0.09	3.05	1.82	4.51	1.11	1.15	0.09	0.02
128671	P 11.6	427	19863	2.3%	29	11	<	3	<	<	0.1m	4	3	28	<	86	4	1579	36	39	11	1	0.11	3.70	2.08	6.13	1.12	1.34	0.11	0.03
128672	P 4.1	141	6890	6082	6	6	<	22	<	<	32.0	2	2	24	<	83	2	400	49	23	5	<	0.04	1.62	1.72	4.00	0.38	0.44	0.07	0.03
128673	P 0.7	52	452	1331	5	<	<	13	<	<	5.8	2	3	35	<	34	4	945	26	17	10	<	0.05	1.97	0.95	4.63	0.88	0.85	0.09	0.03
128674	P 0.6	38	279	1464	14	5	<	20	<	<	7.0	2	7	40	<	55	20	1173	24	22	18	<	0.06	2.33	1.41	4.94	1.15	0.97	0.06	0.03
128675	P 0.8	201	473	2090	<	<	<	9	<	<	9.7	2	3	41	<	79	2	376	91	16	5	<	0.01	1.08	1.25	4.12	0.68	0.38	0.03	0.02
128676	P 8.0	675	7021	2.9%	<	<	<	5	<	<	0.2m	4	1	19	<	55	2	880	52	21	4	<	0.07	1.53	1.60	5.56	0.28	0.71	0.16	0.02
128677	P 6.4	411	8409	2.8%	22	<	<	6	<	<	0.2m	6	1	30	<	67	4	1798	33	29	4	1	0.15	3.38	1.97	6.27	1.02	1.49	0.21	0.02
128678	P 5.0	372	6345	17711	<	<	<	2	<	<	0.1m	4	<	43	<	57	3	1240	36	16	4	1	0.12	1.98	1.61	5.15	0.56	0.89	0.16	0.03
128679	P 18.0	2288	12669	8.0%	<	<	<	3	<	22	0.4m	10	2	19	<	52	4	1999	28	37	4	1	0.10	3.00	3.84	6.34	0.71	1.03	0.27	0.03

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 9999 9999 9999 999 999 99.9 999 999 9999 999 9999 999 9999 9999 9999 9999 9999 999 99 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 S=Soil R=Rock C=Core L=Silt P=Pulp U=Undefined m=Estimate/1000 %=Estimate % Max=No Estimate
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CERTIFICATE OF ANALYSIS
iPL 96J1060

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INTERNATIONAL PLASMA LABORATORY LTD.

Client: Northern Analytical Laboratories
Project: W.O. 07132 17 Pulp

iPL: 96J1060

Out: Oct 21, 1996
In: Oct 17, 1996

Page 1 of 1
[106017:03:29:69102196]

Section 1 of 1
Certified BC Assayer: David Chiu

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 %
128630	2.6	67	724	16695	60	<	<	14	<	<	79.3	5	4	16	<	39	6	1129	59	20	7	1	0.06	1.36	2.22	5.55	0.44	0.12	0.05	0.02
128651	8.5	61	1011	5159	<	<	<	22	<	<	28.4	5	9	73	<	44	14	454	51	41	5	<	0.04	1.27	1.34	3.74	0.35	0.42	0.03	0.04
128653	15.2	52	2820	2817	<	19	<	24	<	<	13.4	2	23	102	<	57	17	36	61	7	11	<	<	0.26	0.19	1.65	0.02	0.18	0.01	0.04
128654	8.1	64	882	4362	5	7	<	13	<	<	30.6	2	10	55	<	32	14	380	69	31	14	<	0.03	0.72	1.31	2.36	0.15	0.27	0.02	0.03
128655	2.0	83	73	125	10	<	<	26	<	<	0.1	5	2	44	6	17	6	1493	8	42	3	<	0.02	0.49	4.28	11.0	0.80	0.07	0.01	0.01
128656	<	24	18	39	<	<	<	5	<	<	0.3	4	2	17	<	14	3	391	16	3	3	<	0.06	0.63	0.77	2.81	0.35	0.39	0.02	0.03
128657	1.0	35	21	45	<	<	<	15	<	<	<	2	4	5	6	23	3	386	27	11	5	<	0.05	1.28	1.28	5.56	0.54	0.21	0.02	0.01
128658	0.8	21	25	37	<	<	<	17	<	<	<	1	1	3	6	18	3	392	29	8	6	<	0.05	1.47	1.35	5.14	0.73	0.28	0.03	0.01
128659	1.0	59	19	51	<	<	<	28	<	<	<	5	9	3	7	13	5	707	32	9	12	<	0.06	1.78	0.93	6.39	0.85	0.65	0.03	0.02
128660	0.3	2	9	25	<	<	<	7	<	<	<	1	2	680	<	8	6	403	4	121	<	1	0.01	0.51	14%	0.65	6.67	0.33	0.01	<
128661	<	6	6	101	<	5	<	9	<	<	<	15	14	19	<	5	5	553	7	78	3	<	<	0.63	5.20	4.45	9.32	0.01	0.01	0.02
128662	0.1	13	51	1909	24	<	<	13	<	<	11.6	3	5	77	<	31	11	723	23	73	3	<	0.05	2.67	2.24	2.83	1.14	0.68	0.07	0.01
128663	0.1	51	40	2242	<	<	<	16	<	<	12.5	3	2	44	<	31	3	935	19	21	6	<	0.05	1.35	0.78	5.51	0.69	0.82	0.06	0.01
128664	0.5	38	51	208	<	<	<	19	<	<	<	5	<	52	5	17	3	1394	20	17	5	<	0.12	2.65	0.73	7.07	1.30	1.66	0.03	0.02
128665	1.3	34	843	2571	<	<	<	13	<	<	14.8	3	1	52	<	14	3	1193	27	70	4	<	0.06	1.91	2.01	4.64	1.20	0.63	0.10	0.02
128666	0.3	126	153	319	<	<	<	16	<	<	<	5	<	38	<	17	5	1616	17	11	6	1	0.15	2.24	0.43	7.14	1.19	1.66	0.06	0.02
128667	0.6	208	210	1815	<	<	<	26	<	<	8.9	3	2	53	<	17	9	1099	24	27	6	<	0.07	1.84	1.17	5.35	0.72	0.89	0.04	0.03

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 9999 9999 9999 999 999 999 99.9 999 999 9999 999 9999 999 9999 9999 9999 9999 999 99 1.00 9.99 9.99 9.99 9.99 9.99 5.00 5.00
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 International Plasma Lab Ltd. 2036 Columbia St. Vancouver BC V5Y 3E1 Ph:604/879-7878 Fax:604/879-7898



INTERNATIONAL PLASMA LABORATORY LTD.

CERTIFICATE OF ANALYSIS

iPL 96K1136

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Northern Analytical Laboratories

Out: Nov 07, 1996 Project: WO 7144
In: Nov 04, 1996 Shipper: Norm Smith
PO#: 054638 Shipment: ID=C030901
Msg: ICP(AqR)30

5 Samples

0= Rock 0= Soil 0= Core 0=RC Ct 5= Pulp 0=Other
Raw Storage: -- -- -- -- 12Mon/Dis --
Pulp Storage: -- -- -- -- 12Mon/Dis --

[113613:27:24:69110796]
Mon=Month Dis=Discard
Rtn=Return Arc=Archive

Document Distribution

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105 Copper Road 1 2 2 2 1
Whitehorse DL 3D 5D BT BL
YT Y1A 2Z7 0 0 0 1 0

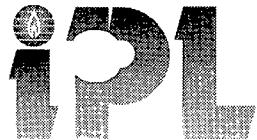
ATT: Norm Smith
Ph:403/668-4968
Fx:403/668-4890

Analytical Summary

##	Code	Met	Title	Limit	Limit	Units	Description	Element	##
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01	721P	ICP	Ag	0.1	100	ppm	Ag ICP	Silver	01
02	711P	ICP	Cu	1	20000	ppm	Cu ICP	Copper	02
03	714P	ICP	Pb	2	20000	ppm	Pb ICP	Lead	03
04	730P	ICP	Zn	1	20000	ppm	Zn ICP	Zinc	04
05	703P	ICP	As	5	9999	ppm	As ICP 5 ppm	Arsenic	05
06	702P	ICP	Sb	5	9999	ppm	Sb ICP	Antimony	06
07	732P	ICP	Hg	3	9999	ppm	Hg ICP	Mercury	07
08	717P	ICP	Mo	1	9999	ppm	Mo ICP	Molydenum	08
09	747P	ICP	Tl	10	999	ppm	Tl ICP 10 ppm (Incomplete	Thallium	09
10	705P	ICP	Bi	2	999	ppm	Bi ICP	Bismuth	10
11	707P	ICP	Cd	0.1	100	ppm	Cd ICP	Cadmium	11
12	710P	ICP	Co	1	999	ppm	Co ICP	Cobalt	12
13	718P	ICP	Ni	1	999	ppm	Ni ICP	Nickel	13
14	704P	ICP	Ba	2	9999	ppm	Ba ICP (Incomplete Digest	Barium	14
15	727P	ICP	W	5	999	ppm	W ICP (Incomplete Digest	Tungsten	15
16	709P	ICP	Cr	1	9999	ppm	Cr ICP (Incomplete Digest	Chromium	16
17	729P	ICP	V	2	999	ppm	V ICP	Vanadium	17
18	716P	ICP	Mn	1	9999	ppm	Mn ICP	Manganese	18
19	713P	ICP	La	2	9999	ppm	La ICP (Incomplete Digest	Lanthanum	19
20	723P	ICP	Sr	1	9999	ppm	Sr ICP (Incomplete Digest	Strontium	20
21	731P	ICP	Zr	1	999	ppm	Zr ICP	Zirconium	21
22	736P	ICP	Sc	1	99	ppm	Sc ICP	Scandium	22
23	726P	ICP	Ti	0.01	1.00	%	Ti ICP (Incomplete Digest	Titanium	23
24	701P	ICP	Al	0.01	9.99	%	Al ICP (Incomplete Digest	Aluminum	24
25	708P	ICP	Ca	0.01	9.99	%	Ca ICP (Incomplete Digest	Calcium	25
26	712P	ICP	Fe	0.01	9.99	%	Fe ICP	Iron	26
27	715P	ICP	Mg	0.01	9.99	%	Mg ICP (Incomplete Digest	Magnesium	27
28	720P	ICP	K	0.01	9.99	%	K ICP (Incomplete Digest	Potassium	28
29	722P	ICP	Na	0.01	5.00	%	Na ICP (Incomplete Digest	Sodium	29
30	719P	ICP	P	0.01	5.00	%	P ICP	Phosphorus	30

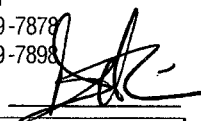
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DL=DownLoad 3D=3-1/2 Disk 5D=5-1/4 Disk BT=BBS Type BL=BBS(1=Yes 0=No)

Totals: 2=Copy 2=Invoice 0=3-1/2 Disk 0=5-1/4 Disk



CERTIFICATE OF ANALYSIS
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INTERNATIONAL PLASMA LABORATORY LTD.

Client: Northern Analytical Laboratories
Project: WD 7144 5 Pulp

iPL: 96K1136

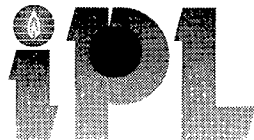
Out: Nov 07, 1996
In: Nov 04, 1996

Page 1 of 1
[113613:27:24:69110796]

Section 1 of 1
Certified BC Assayer: David Chiu

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 %
231496	2.7	26	208	11	28	<	<	20	<	<	<	1	16	30	<	33	6	46	32	3	6	<	0.01	0.21	0.13	6.26	0.03	0.10	0.01	<
231497	1.2	23	80	21	24	<	<	68	<	<	<	1	16	19	<	40	7	37	151	5	11	<	0.01	0.27	0.18	6.82	0.03	0.15	0.01	<
231498	2.0	27	154	19	7	<	<	28	<	<	<	1	20	22	<	49	12	92	198	7	14	<	0.01	0.26	0.20	6.87	0.07	0.13	0.01	0.01
231499	2.8	25	157	52	<	<	<	24	<	<	<	1	15	34	<	42	15	279	59	12	9	<	0.01	0.30	0.53	5.55	0.04	0.17	0.01	0.01
231500	<	12	37	22	16	<	<	5	<	<	<	3	2	46	<	37	5	547	13	37	5	<	0.04	1.98	1.83	3.01	0.68	0.40	0.12	0.05

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 9999 9999 9999 999 999 99.9 999 999 9999 999 9999 999 9999 9999 9999 9999 999 99 1.00 9.99 9.99 9.99 9.99 9.99 5.00 5.00
 Method ICP
 ---No Test ins=Insufficient Sample S=Soil R=Rock C=Core L=Silt P=Pulp U=Undefined m=Estimate/1000 %=Estimate % Max=No Estimate
 International Plasma Lab Ltd. 2036 Columbia St. Vancouver BC V5Y 3E1 Ph:604/879-7878 Fax:604/879-7898



INTERNATIONAL PLASMA LABORATORY LTD.

CERTIFICATE F ANALYSIS

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Northern Analytical Laboratories 50 Samples
Out: Nov 07, 1996 Project: WO 07148
In: Nov 04, 1996 Shipper: Norm Smith
PO#: 054538 Shipment: ID=C030901
Msg: ICP(AqR)30

0= Rock 0= Soil 0= Core 0=RC Ct 50= Pulp 0=Other
Raw Storage: -- -- -- -- 12Mon/Dis --
Pulp Storage: -- -- -- -- 12Mon/Dis --

[113513:26:24:69110796]
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Analytical Summary

##	Code	Met	Title	Limit	Limit	Units	Description	Element	##
		hod		Low	High				
01	721P	ICP	Ag	0.1	100	ppm	Ag ICP	Silver	01
02	711P	ICP	Cu	1	20000	ppm	Cu ICP	Copper	02
03	714P	ICP	Pb	2	20000	ppm	Pb ICP	Lead	03
04	730P	ICP	Zn	1	20000	ppm	Zn ICP	Zinc	04
05	703P	ICP	As	5	9999	ppm	As ICP 5 ppm	Arsenic	05
06	702P	ICP	Sb	5	9999	ppm	Sb ICP	Antimony	06
07	732P	ICP	Hg	3	9999	ppm	Hg ICP	Mercury	07
08	717P	ICP	Mo	1	9999	ppm	Mo ICP	Molybdenum	08
09	747P	ICP	Tl	10	999	ppm	Tl ICP 10 ppm (Incomplete	Thallium	09
10	705P	ICP	Bi	2	999	ppm	Bi ICP	Bismuth	10
11	707P	ICP	Cd	0.1	100	ppm	Cd ICP	Cadmium	11
12	710P	ICP	Co	1	999	ppm	Co ICP	Cobalt	12
13	718P	ICP	Ni	1	999	ppm	Ni ICP	Nickel	13
14	704P	ICP	Ba	2	9999	ppm	Ba ICP (Incomplete Digest	Barium	14
15	727P	ICP	W	5	999	ppm	W ICP (Incomplete Digest	Tungsten	15
16	709P	ICP	Cr	1	9999	ppm	Cr ICP (Incomplete Digest	Chromium	16
17	729P	ICP	V	2	999	ppm	V ICP	Vanadium	17
18	716P	ICP	Mn	1	9999	ppm	Mn ICP	Manganese	18
19	713P	ICP	La	2	9999	ppm	La ICP (Incomplete Digest	Lanthanum	19
20	723P	ICP	Sr	1	9999	ppm	Sr ICP (Incomplete Digest	Strontium	20
21	731P	ICP	Zr	1	999	ppm	Zr ICP	Zirconium	21
22	736P	ICP	Sc	1	99	ppm	Sc ICP	Scandium	22
23	726P	ICP	Ti	0.01	1.00	%	Ti ICP (Incomplete Digest	Titanium	23
24	701P	ICP	Al	0.01	9.99	%	Al ICP (Incomplete Digest	Aluminum	24
25	708P	ICP	Ca	0.01	9.99	%	Ca ICP (Incomplete Digest	Calcium	25
26	712P	ICP	Fe	0.01	9.99	%	Fe ICP	Iron	26
27	715P	ICP	Mg	0.01	9.99	%	Mg ICP (Incomplete Digest	Magnesium	27
28	720P	ICP	K	0.01	9.99	%	K ICP (Incomplete Digest	Potassium	28
29	722P	ICP	Na	0.01	5.00	%	Na ICP (Incomplete Digest	Sodium	29
30	719P	ICP	P	0.01	5.00	%	P ICP	Phosphorus	30

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CERTIFICATE OF ANALYSIS

iPL 96K1135

2036 Columbia St
 Vancouver, B.C.
 Canada V5Y 3E1
 Phone (604) 879-7878
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INTERNATIONAL PLASMA LABORATORY LTD.

Client: Northern Analytical Laboratories
 Project: WO 07148 50 Pulp

iPL: 96K1135

Out: Nov 07, 1996
 In: Nov 04, 1996

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Section 1 of 1
 Certified BC Assayer: David Chiu

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 %
128765	1.0	16	118	169	30	<	<	26	<	<	<	1	1	20	<	32	<	50	353	10	11	<	0.02	0.49	0.56	4.72	0.05	0.28	0.01	<
128866	1.4	11	121	96	25	<	<	26	<	<	<	1	10	21	<	40	5	70	142	6	11	<	0.01	0.37	0.39	5.05	0.06	0.19	0.01	<
128867	<	43	63	290	40	<	<	9	<	<	1.2	6	32	80	<	70	33	186	32	41	4	<	0.05	1.47	1.56	2.28	0.30	0.20	0.04	0.06
128868	2.6	26	220	52	43	5	<	25	<	<	<	1	17	20	<	50	8	44	155	6	13	<	0.01	0.30	0.17	6.15	0.03	0.16	0.01	<
128869	0.7	16	90	36	<	<	<	28	<	<	<	1	14	45	<	36	5	57	236	8	12	<	0.02	0.32	0.20	4.57	0.03	0.18	0.01	<
128870	1.0	56	103	1666	<	<	<	15	<	<	6.8	2	13	34	<	31	6	194	157	8	10	<	0.02	0.47	0.39	5.06	0.08	0.26	0.02	0.01
128871	<	293	386	2416	<	<	<	15	<	<	18.2	5	2	39	<	63	5	933	104	7	13	1	0.08	1.82	0.53	6.25	0.79	0.89	0.04	<
128872	2.6	393	1315	8869	<	<	<	21	<	<	49.3	6	2	39	<	73	4	1076	142	13	11	<	0.10	1.95	1.90	5.66	0.78	0.80	0.08	0.01
128873	2.4	252	722	4574	<	<	<	14	<	<	28.1	7	2	49	<	79	4	1282	52	9	7	<	0.11	2.21	1.58	5.47	0.69	0.81	0.05	0.02
128874	<	12	49	251	857	<	<	6	<	<	<	11	63	706	<	110	155	540	9	7	3	5	0.12	2.51	0.38	4.20	1.39	1.48	0.02	0.09
128875	1.8	296	2715	7668	7	<	<	22	<	<	37.6	2	10	27	<	73	14	705	43	23	9	<	0.05	1.79	1.41	4.78	0.57	0.57	0.08	0.03

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 9999 9999 9999 999 999 99.9 999 999 9999 999 9999 999 9999 9999 9999 9999 9999 999 99 1.00 9.99 9.99 9.99 9.99 9.99 5.00 5.00
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