INTERNATIONAL PLASMA LABORATORY LTD

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

iPL 96F0523

008738

Fire & Ice Claims

Client: Northern Analytical Laboratories iPL: 96F0523 Out: Jun 26, 1996 Page 1 of 2 Section 1 of 1
Project: WO 10319 75 Pulp In: Jun 24, 1996 [052318:03:10:69062696] 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 %
BNOB- 1	3.8	27	40	37	84	13	<	73	<	<	<	3	3	23	<	55	2	33	12	5	7	<	<	0.21	0.05	4.12	0.02	0.19	0.02	<
BNOB- 2	0.1	10	14	40	<	<	<	7	<	<	<	2	4	23	<	38	6	59	17	7	12	<	<	1.18	0.05	6.64	0.51	0.12	0.06	0.01
BNOB- 3	34.1	9	17177	379	34	36	<	1	<	2	2.8	1	1	45	<	4	<	4	2	96	2	<	<	0.03	0.01	0.43	0.01	0.02	0.01	<
BNOB- 4	20.5	11814	287	1814	3486	2066	<	2	<	30	26.6	3	10	13	<	80	5	2104	8	215	4	1	<	0.19	2.99	4.78	0.89	0.09	0.02	0.03
BNOB- 5	1.2	136	242	54	509	13	<	8	<	9	1.6	62	10	13	<	29	12	144	<	6	28	<	<	2.07	0.03	15	1.63	0.04	0.01	<
BNOB- 6	4.7	117	1110	34	116	29	<	4	<	<	0.6	4	3	51	<	68	5	36	3	57	12	1	0.01	0.36	0.04	2.41	0.11	0.27	0.01	0.01
BNOB- 7	17.8	83	175	15	40	11	<	2	<	<	<	11	14	18	<	19	11	55	8	11	4	2	<	0.39	0.01	4.26	0.06	0.47	0.01	0.01
BNOB- 8	61.8	36	5684	1671	122	64	8	7	<	<	9.5	1	7	15	<	8	<	6	<	48	1	<	<	0.02	0.02	1.68	0.01	0.02	0.01	<
BNOB- 9	0.9	32	1284	596	15	9	<	15	<	<	1.9	1	1	33	<	29	2	44	17	15	9	<	<	0.71	0.07	4.16	0.34	0.06	0.06	0.02
BNOB- 10	4.5	81	2.1%	4.6%	24	35	22	1	<	<	0.2m	1	1	<	<	1	<	121	2	41	<	<	<	0.01	0.42	0.35	0.20	0.01	0.01	<
DDH-ICE 1	1.5	48	880	1102	<	<	<	10	<	<	7.3	11	139	11	<	46	9	2237	<	32	19	<	<	0.50	1.80	13	1.14	0.17	0.01	0.01
FIRE BK- 1	14.9	91	9042	2.4%	81	21	8	<	<	<	0.2m	1	2	9	56	13	2	3198	121	51	23	<	<	0.20	5.89	6.89	2.16	0.15	0.01	0.01
FIRE BK- 2	12.8	81	523	2091	86	11	<	3	<	<	15.4	2	2	15	<	22	9	449	13	5	56	<	<	0.49	0.99	16	0.21	0.52	0.01	<
FIRE BK- 3	9.4	30	788	1434	50	12	<	4	<	<	11.1	2	3	20	<	7	5	2372	112	23	61	<	0.01	0.87	4.29	11	1.36	0.79	0.01	0.01
FIRE BK- 4	18.7	36	6792	2.4%	50	21	7	1	<	<	0.2m	2	3	9	58	19	5	3913	106	48	35	<	<	0.35	3.57	12	2.24	0.26	0.01	0.01
FIRE BK- 5	3.2	18	285	782	<	10	<	7	<	<	6.0	2	6	21	<	12	5	3146	124	83	17	<	<	0.22	7.44	7.81	2.66	0.19	0.01	0.02
FIRE BK- 6	2.1	16	164	478	11	<	<	2	<	<	3.1	1	2	52	<	22	<	131	57	6	32	<	<	0.53	0.26	2.05	0.10	0.50	0.01	0.01
FIRE BK- 7	7.0	13	5467	193	8	12	<	3	<	<	1.5	2	4	144	<	192	<	429	44	43	6	<	<	0.12	0.65	0.65	0.07	0.06	0.01	<
FIRE BK- 8	7.8	26	218	1193	39	12	<	2	<	<	8.1	2	2	24	<	14	8	1221	76	12	45	<	<	0.54	2.80	14	0.64	0.60	0.02	0.01
FIRE BK- 9	10.9	4724	1199	5.9%	48	141	<	1	<	<	0.5m	6	8	24	<	57	2	1075	22	60	5	<	<	0.16	4.32	4.97	1.83	0.08	0.01	0.01
FIRE BK- 10	1.0	121	63	1441	9	6	<	3	<	<	12.0	1	4	172	<	153	<	79	20	6	15	<	<	0.24	0.15	0.89	0.06	0.29	0.01	[illegible]
FIRE BK- 11	0.3	108	26	735	<	<	<	3	<	<	6.4	16	56	91	<	105	4	418	3	43	4	2	<	0.40	6.04	2.50	0.29	0.04	0.01	0.07
FIRE BK- 12	0.3	17	39	150	38	<	<	4	<	<	0.5	3	2	2038	<	16	<	990	240	76	78	<	0.01	3.08	5.38	3.06	0.17	3.26	0.03	0.01
FIRE BK- 13	0.2	13	34	407	<	<	<	3	<	<	2.8	1	2	174	<	79	<	1221	151	311	16	<	<	0.85	3.47	2.57	0.14	0.19	0.01	<
FIRE JD- 1	0.4	40	12	65	[illegible]	<	<	6	<	<	<	17	18	86	<	16	20	175	9	28	2	8	<	0.71	0.28	3.71	0.03	0.13	0.02	0.19
FIRE JD- 2	0.1	8	34	47	11	6	<	13	<	<	<	1	3	101	<	9	2	45	17	18	5	<	<	0.38	0.02	3.22	0.01	0.17	0.04	0.04
FIRE JD- 3	0.1	89	10	235	10	<	<	5	<	<	1.5	22	33	64	<	11	88	2281	31	138	5	9	0.01	3.09	6.93	8.68	2.77	0.12	0.02	0.24
FIRE JD- 4	0.1	3	4	29	<	<	<	17	<	<	<	2	3	184	<	11	2	1885	169	37	16	<	<	0.27	1.64	4.48	0.55	0.21	0.02	0.02
FIRE JD- 5	0.1	17	7	140	11	<	<	4	<	<	0.9	1	3	160	<	31	2	1079	77	48	12	1	<	0.40	2.25	2.60	0.79	0.27	0.01	0.02
FIRE JD- 6	0.7	18	53	32	8	<	<	10	<	<	0.1	2	6	172	<	21	2	112	71	35	10	<	<	0.28	0.03	3.85	0.02	0.52	0.01	0.01
FIRE JD- 7	1.3	19	183	335	<	<	<	10	<	<	6.8	2	4	88	<	45	2	572	230	12	21	<	<	0.37	0.18	3.15	0.04	0.30	0.01	0.02
FIRE JD- 8	1.5	15	348	415	34	<	<	2	<	<	2.3	1	3	36	<	36	<	42	84	10	42	<	0.01	0.76	0.51	2.39	0.04	0.69	0.02	0.01
FIRE JD- 9	1.5	51	443	9717	7	27	<	2	<	<	63.0	4	6	119	<	26	<	3260	47	166	10	1	<	0.33	6.07	3.51	2.36	0.20	0.02	0.08
FIRE JD- 10	0.2	8	23	262	23	<	<	5	<	<	0.8	3	9	137	<	39	6	613	13	11	6	1	<	1.35	0.57	5.51	1.38	0.17	0.04	0.05
FIRE JD- 11	0.2	9	28	274	22	<	<	2	<	<	1.4	6	18	182	<	42	10	305	17	17	5	1	<	1.36	0.63	2.49	1.30	0.15	0.04	0.07
FIRE JD- 12	7.8	11452	326	6882	95	10	<	1	<	24	48.7	4	6	14	<	46	2	537	3	18	9	<	<	0.24	1.40	6.96	0.38	0.15	0.01	0.03
FIRE JD- 13	87.0	2434	1416	15487	129	668	<	<	<	2	0.1m	3	5	150	6	81	4	299	29	31	13	<	0.01	0.24	0.97	1.44	0.38	0.18	0.02	0.01
FIRE JD- 14	1.5	161	43	757	23	13	<	2	<	<	4.7	1	2	139	<	26	<	27	37	5	23	<	<	0.47	0.04	1.43	0.05	0.43	0.01	0.06
FIRE JD- 15	2.0	47	163	330	23	13	<	2	<	<	2.1	1	5	66	<	125	<	37	12	11	15	<	<	0.23	0.10	1.63	0.01	0.28	0.01	[illegible]
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
Max Reported	99.9	20000	20000	20000	9999	9999	9999	9999	999	999	99.9	999	999	9999	999	9999	999	9999	9999	9999	999	99	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	IUP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

—No Test ins=Insufficient Sample S=Soil R=Rock C=Core L=Silt P=P[illegible] u=Undefined e=Estimate/1000 %=Estimate % Pm=No Estimate

CERTIFICATE OF ANALYSIS
iPL 96F0523

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

Client: Northern Analytical Laboratories
Project: WO 10319 75 Pulp

iPL: 96F0523
Out: Jun 26, 1996
In: Jun 24, 1996 [052318:03:23:69062696]

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 %
IRE JO- 16	4.9	67	255	2070	69	17	<	6	<	<	14.1	1	5	21	<	70	<	23	9	8	19	<	<	0.33	0.03	3.32	0.01	0.33	0.02	<
IRE JO- 17	5.9	6878	145	10829	5	43	<	2	<	16	0.1m	2	6	57	<	78	<	684	28	46	4	1	<	0.14	3.44	3.50	1.52	0.08	0.01	0.02
N 96- 1	0.1	43	52	62	<	<	<	2	<	<	0.4	5	5	67	<	11	9	267	22	51	2	2	<	0.53	1.29	1.42	0.07	0.40	0.01	0.28
N 96- 2	1.8	36	169	38	<	<	<	15	<	<	0.1	1	5	176	<	11	5	66	5	57	13	<	<	0.23	0.13	11	20.02	0.13	0.01	0.02
N 96- 3	0.3	17	345	31	9	<	<	5	<	<	0.1	6	7	566	<	83	7	248	63	19	10	3	<	0.58	0.66	1.07	0.06	0.46	0.06	0.07
ICE JO- 1	2.2	15	298	88	67	8	<	4	<	<	0.4	2	4	47	<	85	2	147	8	25	6	<	<	0.10	0.03	1.80	0.01	0.26	0.01	0.01
ICE JO- 2	5.0	48	1172	195	25	92	<	1	<	<	0.5	1	1	265	<	2	<	3	<	154	1	<	<	0.01	0.01	0.33	<	0.05	0.01	<
ICE JO- 3	0.4	9	108	45	21	5	<	3	<	<	0.1	5	11	51	<	115	6	19	3	18	15	2	<	0.12	0.02	1.42	0.01	0.18	0.01	0.02
ICE JO- 4	18.9	6	4414	929	62	39	<	4	<	<	4.7	<	1	77	<	2	<	3	<	88	1	<	<	0.01	0.03	0.42	<	0.02	0.01	<
ICE JO- 5	11.3	8	185	53	49	13	<	2	<	<	<	<	1	98	<	8	<	3	2	94	3	<	<	0.01	0.01	1.00	<	0.03	0.01	<
ICE JO- 6	1.1	104	1446	28	5	61	<	2	<	<	<	1	1	847	<	4	<	672	16	134	<	<	<	0.02	182	0.18	0.10	0.01	0.01	<
ICE JO- 7	3.4	78	2.4%13107		5	51	14	<	<	<	55.7	<	1	12	<	1	<	167	<	45	<	<	<	0.01	0.26	0.31	0.30	0.01	0.01	<
ULD BK	0.3	103	232	114	11	<	<	4	<	36	<	11	13	139	<	81	16	976	7	13	3	2	<	1.55	0.22	5.08	0.80	0.10	0.02	0.03
1	2.8	555	318	2086	24	8	<	306	<	<	11.5	2	4	127	<	25	<	470	75	23	35	<	<	0.51	0.32	4.23	0.14	0.46	0.01	0.02
2	0.9	125	150	382	16	<	<	20	<	<	2.3	2	3	192	<	12	<	419	140	23	23	<	<	0.61	0.23	4.04	0.09	0.36	0.05	0.03
3	0.4	222	60	912	9	<	<	8	<	<	7.1	2	3	126	<	13	<	698	95	15	24	<	<	0.53	0.40	4.29	0.11	0.29	0.02	0.03
4	0.4	171	56	519	<	<	<	10	<	<	3.7	3	5	93	<	12	<	1041	100	11	28	<	<	0.59	0.39	4.91	0.14	0.31	0.02	0.01
5	0.6	272	50	967	10	<	<	9	<	<	6.1	3	6	113	<	16	<	590	72	10	22	<	<	0.48	0.12	4.21	0.08	0.31	0.01	0.01
6	0.6	102	72	509	11	<	<	39	<	<	2.2	3	5	111	<	13	<	351	69	17	26	<	<	0.57	0.08	5.48	0.06	0.48	0.01	0.03
7	0.5	84	45	759	9	<	<	24	<	<	5.0	4	9	101	<	13	2	658	68	46	31	1	<	0.80	0.17	6.01	0.11	0.46	0.02	0.04
8	0.7	114	76	460	20	11	<	48	<	<	2.6	4	12	89	<	18	3	569	67	22	28	1	<	0.63	0.38	5.40	0.06	0.58	0.02	0.02
9	0.9	83	62	324	18	5	<	25	<	<	2.1	3	9	200	<	20	2	520	80	13	31	1	<	0.56	0.05	3.23	0.05	0.41	0.01	0.02
10	0.7	67	89	503	17	5	<	9	<	<	1.5	2	2	121	<	19	2	599	57	13	29	<	<	0.50	0.03	5.37	0.04	0.51	0.01	0.03
11	0.8	43	234	828	17	6	<	7	<	<	4.3	3	2	249	<	14	2	1817	99	19	35	<	<	0.71	0.04	5.30	0.05	0.39	0.01	0.02
12	1.4	82	348	1187	21	7	<	15	<	<	10.5	3	1	165	<	11	2	1707	150	1	37	<	<	1.25	0.03	5.71	0.06	0.40	0.01	0.00
13	0.9	37	119	662	4	<	<	10	<	<	5.1	2	1	251	<	11	<	1115	114	8	29	<	<	0.53	0.02	3.79	0.03	0.29	0.01	0.02
14	0.8	30	194	860	5	<	<	7	<	<	5.2	2	2	154	<	10	<	1003	124	11	28	<	<	0.78	0.02	4.35	0.03	0.42	0.02	0.02
15	0.8	26	176	615	3	<	<	5	<	<	3.1	2	2	170	<	11	<	1048	93	8	26	<	<	0.70	0.01	3.90	0.03	0.35	0.02	0.02
16	2.1	15	544	306	34	10	<	5	<	<	0.7	1	3	95	<	14	3	287	40	17	24	1	<	0.40	0.39	4.85	0.14	0.48	0.02	0.02
17	2.4	15	270	391	25	6	<	14	<	<	1.4	2	2	93	<	15	2	659	102	26	22	<	<	0.59	0.28	4.43	0.09	0.63	0.02	0.03
18	1.0	10	100	292	18	<	<	37	<	<	0.9	3	2	90	<	8	<	1091	57	34	17	<	<	0.67	0.08	4.62	0.04	0.68	0.02	0.03
19	1.1	9	75	330	13	<	<	14	<	<	1.3	2	3	177	<	13	<	1000	95	14	19	<	<	0.51	0.04	3.32	0.03	0.44	0.01	0.03
20	0.7	7	47	384	17	6	<	18	<	<	1.5	3	3	158	<	11	<	2491	105	17	15	<	<	0.49	0.11	3.70	0.06	0.37	0.01	0.03
21	1.9	15	107	315	9	<	<	18	<	<	0.5	3	3	65	<	15	3	1430	92	31	13	<	0.01	0.70	0.06	6.44	0.04	0.87	0.02	0.06
22	2.2	7	109	84	28	<	<	22	<	<	0.7	1	2	162	<	28	2	93	76	13	22	<	<	0.29	0.02	2.91	0.02	0.45	0.01	0.02
23	4.5	8	109	87	38	5	<	27	<	<	<	1	3	83	<	21	5	105	84	28	16	<	0.01	0.32	0.09	7.29	0.03	0.73	0.01	0.06
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
Max Reported	99.9	20000	20000	20000	9999	9999	9999	9999	999	999	99.9	999	999	9999	999	9999	999	9999	9999	9999	999	99	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

—=No Test Ins=Insufficient Sample S=Soil B=Rock C=Core L=Silt P=Pulp U=Undefined m=Estimate/1000 %=Estimate % N=No Estimate

06/26/96 17:17 IPL 2036 COLUMBIA ST VANCOUVER → 1 403 668 4890 NO.712 P03