

LOG NO:	MAY 26 1993	RD.
ACTION:		
FILE NO:		

GEOCHEMICAL REPORT
 CPW, DOG AND MARCH 2 CLAIMS

Latitude: 52°35' North
 Longitude: 121°27' West

Mining Division: Cariboo

NTS: 93A/11W

<u>Claim Name</u>	<u>Record Number</u>	<u>Units</u>
CPW	204667	4
Dog	204990	18
March 2	204275	4

By: J. W. Morton
 April 30, 1993

RECEIVED
 MAY -7 1993
 Gold Commissioner's Office
 VANCOUVER, B.C.

GEOLOGICAL BRANCH
 ASSESSMENT REPORT

22,888

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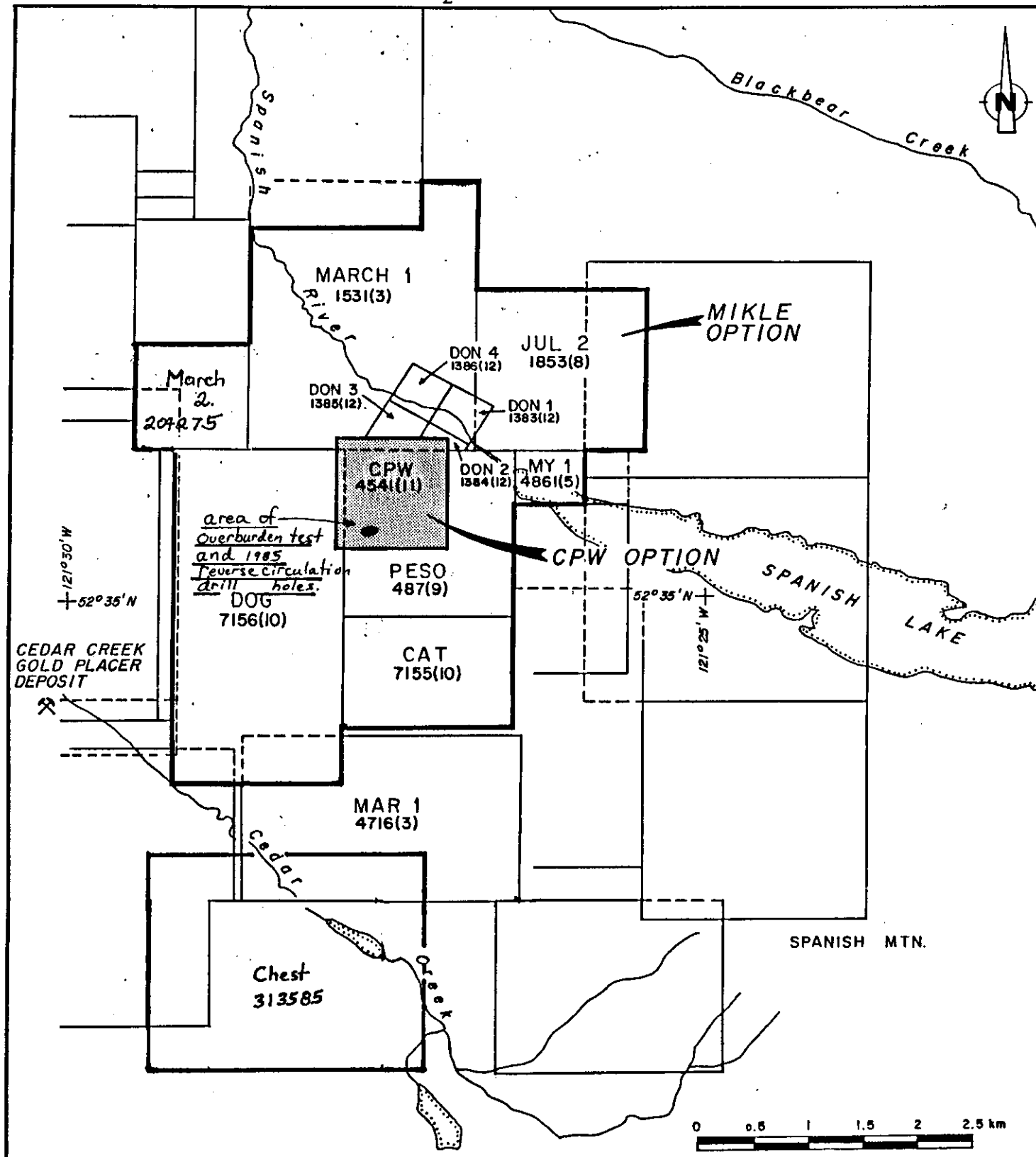
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Summary of Work Completed

Two distinct tests were completed. Firstly, to determine if economically recoverable gold could be recovered from overburden associated with a strong soil gold anomaly. Secondly, to determine if larger samples analyzed by bulk leach techniques would yield a similar grade to historic drill results analyzed by conventional one ton fire assay techniques.

Three large samples were collected and concentrated in a small placer gold clean up plant. The concentrate was then analyzed for gold. Fourteen samples of reverse circulation drill cutting pulps dating from 1985 were retrieved and were analyzed using bulk cyanide leach techniques.

Work was completed between July 27, 1992 and March 16, 1993.



EASTFIELD RESOURCES LTD.	
SPANISH MTN. PROPERTY	
Claim Map	
Date April, '92	N.T.S. 93A/11
Scale 1:50000	Figure
By	

Table 1

OVERBURDEN GOLD TEST

<u>Soil Sample #</u>	<u>Location (from Post CPW2S)</u>	<u>Original Sample Weight (Pounds)</u>	<u>Description</u>
Pt 1	095N/325E	81	dark friable material, rounded fragments, minor quartz.
Pt 2	105N/350E	79	light brown soil and broken rock.
Pt 3	105N/260E	75	dark grey broken material (derived from shale).

<u>Concentrate Sample #</u>	<u>Weight (grams)</u>	<u>Grade ounces Gold/ton</u>
Pt 1	77.618	14.192
Pt 2	49.976	37.480
Pt 3	251.335	1.175

<u>Sample #</u>	<u>Diluted Grade Ounces Gold/ton</u>
Pt 1	.031
Pt 2	.054
Pt 3	.009

<u>Sample #</u>	<u>Value Canadian \$ per cubic yard *</u>
Pt 1	\$20.93
Pt 2	\$36.45
Pt 3	\$ 6.08

*1 cubic yard = 1.5 tons

Gold Price \$353.00 U.S.
U.S. dollar equal to \$1.275 Canadian

Table 2

Re-Assay of 1985 Drill Cuttings

<u>Drill Hole Number</u>	<u>Interval Metres</u>	<u>Sample Number</u>	<u>Gold (Original Fire Assay) Oz/ton (1985)</u>	<u>Gold Bulk Leach Cyanide Extractable Oz/ton (1993)</u>	<u>Gold Tails Oz/ton (1993) (Fire Assay)</u>	<u>% Recovery</u>	<u>Zn ppm</u>	<u>As ppm</u>	<u>Mo ppm</u>
MR18	2 - 3	26544	0.172	0.229	0.025	90	136	513	107
MR18	3 - 4	26545	0.187	0.127	0.018	87	312	653	106
MR18	4 - 5	26546	0.080	0.080	0.008	91	151	425	51
MR18	5 - 6	20547	0.193	0.146	0.019	88	111	352	56
MR18	6 - 7	20548	0.038	0.043	0.004	91	128	178	28
MR11	5 - 6	25052	0.255	0.009	0.002	81	448	426	32
MR11	6 - 7	25053	0.082	0.026	0.005	83	269	330	30
MR11	7 - 8	25054	0.070	0.012	0.002	86	424	286	31
MR11	8 - 9	25055	0.029	0.077	0.019	80	298	352	40
MR24	1.5 - 2	23251	650 ppb	0.023 (788 ppb)	0.003	88	82	133	5
MR24	2 - 3	23252	215 ppb	0.010 (343 ppb)	0.002	83	208	177	15
MR24	3 - 4	23253	165 ppb	0.004 (137 ppb)	-	100	154	158	12
MR24	4 - 5	23254	1500 ppb	0.046 (1577 ppb)	0.007	87	128	127	18
MR24	5 - 6	23255	140 ppb	0.006 (205 ppb)	-	100	127	102	13

Discussion

The overburden gold test suggests that economic amounts of gold may be recovered from overburden. Samples Pt 1 and Pt 2 were taken from within a 1984 1,000 ppb soil gold contour. Sample Pt 3 was taken from similar looking material outside the soil anomaly. The sluice box concentrate can be described as a non magnetic well rounded siliceous black material with minor quartz. This material appears to be derived from a dark silicified shale or siltstone and contains a significant amount of tarnished sulfide (pyrite). A very small amount of visible fine gold is present.

The re-assay established that bulk cyanide leaching is very effective in liberating gold from the samples (average recovery rate 88%). High values vary significantly between original one ton fine assays conducted in 1985 and bulk leach cyanide assays conducted in 1993. Elevated zinc, arsenic and molybdenum values occur within these mineralized intervals. Molybdenum values appear to be most correlative with higher bulk leachable gold values

Cost Statement

14 samples gold and gold content of tails, plus 30 element ICP at \$31.00	\$ 444.00
3 samples gold plus gold content of tails at \$27.00	81.00
Report Preparation	<u>275.00</u>
TOTAL	\$ 800.00

Statement of Qualifications

I, James William Morton, of 771 Morgan Road, North Vancouver, British Columbia, do hereby certify:

1. I graduated from Carleton University, Ottawa, in 1971 with a Bachelor of Science in Geology.
2. I graduated from the University of British Columbia, Vancouver, in 1976 with a Master of Science in Soil Science.
3. I am a fellow of the Geological Association of Canada.
4. I am a member in good standing of the Association of Professional Engineers and Geoscientists of British Columbia.



J. W. Morton, M. Sc., P. Geo.

Dated at Vancouver, British Columbia, this day of April,
1993.



INTERNATIONAL PLASMA LABORATORY LTD.

CERTIFICATE OF ANALYSIS
iPL 93C1601

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

Client: Mincord Exploration Consultants Ltd. iPL: 93C1601
Project: Spanish Eyes 14 Composite

In: Mar 16, 1993
Out: Mar 26, 1993

Page 1 of 1 Section 1 of 2

Certified BC Assayer: David Chiu

Sample Name	Wt g	Cn Au oz/st	Tail Au oz/st	Extr Au %	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Hg ppb	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 %
023251	246.150	0.023	0.003	88.46	0.4	69	74	82	133	<	<	40	5	<	<	0.7	9	54	52	<	164	9	410	8	8	7	2	<
023252	223.900	0.010	0.002	83.33	0.5	100	82	208	177	<	<	30	15	<	<	2.5	19	120	48	<	189	18	625	9	13	9	3	<
023253	221.090	0.004	<	100.00	0.4	103	55	154	158	<	<	20	12	<	<	2.8	14	95	42	<	196	12	888	9	13	8	3	<
023254	229.060	0.046	0.007	86.79	1.0	34	54	128	127	<	<	25	18	<	<	1.9	12	54	44	<	259	18	624	6	24	7	2	<
023255	236.900	0.006	<	100.00	0.8	49	32	127	102	<	<	20	13	<	<	1.6	12	62	50	<	240	21	517	5	42	10	2	<
025052	163.350	0.009	0.002	81.82	1.9	87	44	448	426	<	<	92	32	<	<	8.2	27	255	46	<	160	26	2207	6	16	7	4	<
025053	175.930	0.026	0.005	83.87	2.3	114	62	269	330	5	<	82	30	<	<	1.8	12	80	35	<	349	44	399	8	14	9	4	<
025054	193.790	0.012	0.002	85.71	1.1	115	49	424	286	5	<	72	31	<	<	4.6	20	146	47	<	419	65	1539	7	17	9	6	<
025055	177.770	0.077	0.019	80.21	2.1	59	97	298	352	5	<	70	40	<	<	3.2	17	90	38	<	447	45	1045	5	14	10	4	<
026544	192.600	0.229	0.025	90.16	4.6	89	22	136	513	<	<	40	107	<	<	2.0	8	40	53	<	41	21	150	4	6	8	1	<
026545	224.860	0.127	0.018	87.59	2.1	96	21	312	653	<	<	30	106	<	<	1.9	17	74	49	<	60	19	152	5	8	4	2	<
026546	141.030	0.080	0.008	90.91	1.1	80	13	151	425	<	<	20	51	<	<	1.1	16	40	55	<	55	16	131	6	5	5	3	<
026547	161.230	0.146	0.019	88.48	1.9	93	20	111	352	<	<	20	56	<	<	0.9	9	38	52	<	75	17	57	6	5	8	2	<
026548	266.360	0.043	0.004	91.49	1.0	170	10	128	178	<	<	20	28	<	<	1.2	13	34	55	<	52	12	153	8	8	6	4	<

Min Limit 0.001 0.002 0.002 0.01 0.1 1 2 1 5 5 3 5 1 10 2 0.1 1 1 2 5 1 2 1 2 1 1 1 0.01
 Max Reported* 999.000 1000.000 1000.000 100.00 99.9 20000 20000 20000 9999 9999 9999 9999 9999 9999 999 999 99.9 999 999 9999 999 9999 999 9999 9999 999 999 99 1.00
 Method Spec CNAAGrav 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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 Vancouver, B.C.
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Placer test.

IPL Report: 9200547 M Eastfield Resources Ltd.
 Project: None Given

In: Jul 27, 1992
 Out: Jul 31, 1992

4 UnSpec

Page 1 of 1

Section 1 of 1
 Certified BC Assayer

David Chiu

Sample Name	Au oz/st	Wt g	Sample Name	Au oz/st	Wt g	Sample Name	Au oz/st	Wt g	Sample Name	Au oz/st	Wt g
PT 1	14.192	77.618									
PT 2	37.480	49.976									
PT 3	1.175	251.335									
Thin Section I	<0.002	103.462									

Min Limit 0.002 0.001 0.002 0.001 0.002 0.001 0.002 0.001
 Max Reported* 99.000 999.000 99.000 999.000 99.000 999.000 99.000 999.000
 Method FAGrav Spec FAGrav Spec FAGrav Spec FAGrav Spec
 ---No Test ins=Insufficient Sample S=Soil R=Rock C=Core L=Silt P=Pulp U=Undefined m=Estimate/1000 Z=Estimate % Max=No Estimate
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Fax (604) 879-7898

Mincord Exploration Consultants
Out: Mar 26, 1993 Project: Spanish Eyes
In : Mar 16, 1993 Shipper: Jim Morton
PO#: Shipment: ID=C033501

14 Samples 0= Rock 0= Soil 0= Core 0=RC Ct 14= Pulp 0=Other
Raw Storage: -- -- -- -- 12Mon/Dis --
Pulp Storage: -- -- -- -- 12Mon/Dis --

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Mon=Month Dis=Discard
Rtn=Return Arc=Archive

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BC V6C 1Z7 0 0 0 1 0

ATT: Jim Morton

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Fx:604/681-9855

Analytical Summary

##	Code	Met	Title	Limit	Limit	Units	Description	Element	##
			hod	Low	High				
01	801P	Spec	Wt	0.001	999.0	g	Weight (3 Decimal)	Wt	01
02	362M	CNAACn Au	See Data	Pg		oz/st	Au Fire Assay/Grav One As	CN Au	02
03	362MFA	GravTailAu	See Data	Pg		oz/st	Au Fire Assay/Grav One As	Tailings Au	03
04	362M	ExtrAu	See Data	Pg		%	Au Fire Assay/Grav One As	Extractable Au	04
05	721P	ICP	Ag	0.1	100	ppm	Ag ICP	Silver	05
06	711P	ICP	Cu	1	20000	ppm	Cu ICP	Copper	06
07	714P	ICP	Pb	2	20000	ppm	Pb ICP	Lead	07
08	730P	ICP	Zn	1	20000	ppm	Zn ICP	Zinc	08
09	703P	ICP	As	5	9999	ppm	As ICP 5 ppm	Arsenic	09
10	702P	ICP	Sb	5	9999	ppm	Sb ICP	Antimony	10
11	732P	ICP	Hg	3	9999	ppm	Hg ICP	Mercury	11
12	520P	Geo	Hg	5	9999	ppb	Hg Aqua Regia/Flameless A	Mercury	12
13	717P	ICP	Mo	1	9999	ppm	Mo ICP	Molydenum	13
14	747P	ICP	Tl	10	999	ppm	Tl ICP 10 ppm	Thallium	14
15	705P	ICP	Bi	2	999	ppm	Bi ICP	Bismuth	15
16	707P	ICP	Cd	0.1	100	ppm	Cd ICP	Cadmium	16
17	710P	ICP	Co	1	999	ppm	Co ICP	Cobalt	17
18	718P	ICP	Ni	1	999	ppm	Ni ICP	Nickel	18
19	704P	ICP	Ba	2	9999	ppm	Ba ICP	Barium	19
20	727P	ICP	W	5	999	ppm	W ICP	Tungsten	20
21	709P	ICP	Cr	1	9999	ppm	Cr ICP	Chromium	21
22	729P	ICP	V	2	999	ppm	V ICP	Vanadium	22
23	716P	ICP	Mn	1	9999	ppm	Mn ICP	Manganese	23
24	713P	ICP	La	2	9999	ppm	La ICP	Lanthanum	24
25	723P	ICP	Sr	1	9999	ppm	Sr ICP	Strontium	25
26	731P	ICP	Zr	1	999	ppm	Zr ICP	Zirconium	26
27	736P	ICP	Sc	1	99	ppm	Sc ICP	Scandium	27
28	726P	ICP	Ti	0.01	1.00	%	Ti ICP	Titanium	28
29	701P	ICP	Al	0.01	99.99	%	Al ICP	Aluminum	29
30	708P	ICP	Ca	0.01	99.99	%	Ca ICP	Calcium	30
31	712P	ICP	Fe	0.01	99.99	%	Fe ICP	Iron	31
32	715P	ICP	Mg	0.01	9.99	%	Mg ICP	Magnesium	32
33	720P	ICP	K	0.01	9.99	%	K ICP	Potassium	33
34	722P	ICP	Na	0.01	5.00	%	Na ICP	Sodium	34
35	719P	ICP	P	0.01	5.00	%	P ICP	Phosphorus	35



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Client: Minicord Exploration Consultants Ltd. iPL: 93C1601
Project: Spanish Eyes 14 Composite

In: Mar 16, 1993
Out: Mar 26, 1993

Page 1 of 1 Section 2 of 2
Certified BC Assayer: David Chiu

Sample Name	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
023251	0.21	0.09	2.09	0.03	0.12	0.01	0.03
023252	0.25	0.13	3.43	0.04	0.12	0.01	0.06
023253	0.21	0.37	3.28	0.06	0.10	0.01	0.05
023254	0.21	0.66	2.26	0.15	0.12	0.01	0.03
023255	0.26	0.93	2.28	0.32	0.14	0.01	0.04
025052	0.15	0.12	4.57	0.03	0.07	0.01	0.05
025053	0.19	0.07	3.72	0.02	0.09	0.01	0.03
025054	0.22	0.08	4.31	0.03	0.10	0.01	0.04
025055	0.19	0.07	3.93	0.03	0.07	0.01	0.04
026544	0.29	0.03	5.98	0.01	0.13	0.02	0.09
026545	0.33	0.03	7.95	0.02	0.12	0.02	0.13
026546	0.36	0.03	5.35	0.02	0.15	0.02	0.08
026547	0.37	0.04	4.67	0.02	0.14	0.02	0.06
026548	0.36	0.10	4.32	0.02	0.14	0.02	0.07

Min Limit 0.01 0.01 0.01 0.01 0.01 0.01 0.01
Max Reported* 99.99 99.99 99.99 9.99 9.99 5.00 5.00
Method ICP ICP ICP ICP ICP ICP 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

Method of Gold Analysis by Cyanide Leaching / AAS

- (a) A mass of sample was weighed into a flask. A 65/35 (H₂O/Solid) suspension is created by adding demineralized water to the flask.
- (b) The pH was adjusted to within the range of 11.0 to 11.5 with Calcium Hydroxide. A quantity of NaCN (1 g/L in H₂O) was also introduced at this point. The flask is rolled for 24 hours. Solids which remained after this period was then filtered out.
- (c) The concentration of Gold in solution was then individually determined using an AAS (Atomic Absorption Spectrophotometer).
- (d) The results, in grams-per-ton or parts-per-million, were calculated by comparison with a set of known standards.

QUALITY CONTROL

- (a) An internal standard or blank and a random repeat are digested and analysed with every 38 client samples.
- (b) Anomalous gold values of greater than 300 ppb on soil samples and 500 ppb on rock samples are automatically checked by solvent extraction/AAS.
- (c) Gold values greater than 10000 ppb are automatically checked by Fire Assay/Gravimetric methods.

Please Call (604)879-7878 if there are any
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Total Pages

3

May 6 13:57

IPL INTL PLASMA LAB.

FAX 604-879-7898

P. 2 / 3



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Method of ICP Multi-element Analyses

- (a) 0.50 grams of sample is digested with diluted aqua regia solution by heating in a hot water bath for 90 minutes, then cooled, bulked up to a fixed volume with demineralized water, and thoroughly mixed.
- (b) The specific elements are determined using an Inductively Coupled Argon Plasma spectrophotometer. All elements are corrected for background and inter-element interference. All data are subsequently stored onto computer harddisk and diskette.

* Aqua regia leaching is partial for
Al, Ba, Ca, Cr, K, La, Mg, Na, Sc, Sn, Sr, Th, Ti, W and Zr.

QUALITY CONTROL

The machine is first calibrated using six known standards and a blank. The test samples are then run in batches.

A sample batch consists of 38 or less samples. Two tubes are placed before a set. These are an Inhouse standard and an acid blank, which are both digested with the samples. A known standard with characteristics best matching the samples is chosen and placed after every fifteenth sample. After every 38th sample (not including standards), two samples, chosen at random, are reweighed and analysed. At the end of a batch, the standard and blank used at the beginning is rerun. The readings for these knowns are compared with the pre-rack knowns to detect any calibration drift.